

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115089.D
 Acq On : 21 Jun 2019 20:31
 Operator : HP/JU
 Sample : PB120747BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120747BS

Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:15 PM

Quant Time: Jun 22 05:36:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	273011	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1080920	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	542408	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1071623	20.00	ng	0.00
76) Chrysene-d12	13.75	240	744469	20.00	ng	0.00
87) Perylene-d12	15.11	264	773880	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	2098453	118.61	ng	0.02
7) Phenol-d6	6.27	99	2628234	122.40	ng	0.01
23) Nitrobenzene-d5	7.18	82	1612813	91.79	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	727236	127.14	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2922376	91.52	ng	0.00
79) Terphenyl-d14	12.71	244	3108020	88.76	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.30	88	290012	34.734	ng	99
3) Pyridine	2.95	79	825809	35.091	ng	99
4) n-Nitrosodimethylamine	2.90	42	358721	38.883	ng	99
6) Aniline	6.28	93	676029	22.907	ng	100
8) 2-Chlorophenol	6.40	128	816201	41.029	ng	97
9) Benzaldehyde	6.15	77	221749	15.829	ng	99
10) Phenol	6.28	94	966583	38.428	ng	99
11) bis(2-Chloroethyl)ether	6.36	93	748561	40.373	ng	98
12) 1,3-Dichlorobenzene	6.55	146	863833	39.127	ng	98
13) 1,4-Dichlorobenzene	6.63	146	872814	39.424	ng	99
14) 1,2-Dichlorobenzene	6.79	146	803787	39.205	ng	98
15) Benzyl Alcohol	6.77	79	640359	40.954	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1090783	40.562	ng	99
17) 2-Methylphenol	6.88	107	697736	42.492	ng	100
18) Hexachloroethane	7.13	117	316691	39.678	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	555107	40.379	ng	99
20) 3+4-Methylphenols	7.04	107	786563	41.485	ng	# 89
22) Acetophenone	7.03	105	1091229	44.097	ng	# 99
24) Nitrobenzene	7.20	77	830048	42.878	ng	96
25) Isophorone	7.45	82	1580761	43.915	ng	99
26) 2-Nitrophenol	7.51	139	448549	46.920	ng	98
27) 2,4-Dimethylphenol	7.56	122	773384	49.410	ng	97
28) bis(2-Chloroethoxy)methane	7.66	93	984056	43.253	ng	99
29) 2,4-Dichlorophenol	7.75	162	721643	44.675	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	768644	43.080	ng	99
31) Naphthalene	7.92	128	2314351	43.618	ng	99
32) Benzoic acid	7.71	122	592532	53.033	ng	96
33) 4-Chloroaniline	7.97	127	381713	15.741	ng	100
34) Hexachlorobutadiene	8.05	225	410535	41.987	ng	98
35) Caprolactam	8.35	113	223247m	41.107	ng	
36) 4-Chloro-3-methylphenol	8.46	107	726092	44.386	ng	98
37) 2-Methylnaphthalene	8.61	142	1597218	44.645	ng	99
38) 1-Methylnaphthalene	8.71	142	1527924	44.718	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	647522	42.246	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	722484	79.493	nq	100
43) 2,4,6-Trichlorophenol	8.89	196	541944	45.798	nq	100
44) 2,4,5-Trichlorophenol	8.93	196	534280	43.843	nq	98
46) 1,1'-Biphenyl	9.08	154	1835171	42.285	nq	99
47) 2-Chloronaphthalene	9.10	162	1484978	42.182	nq	97
48) 2-Nitroaniline	9.19	65	434666	42.350	nq	97
49) Acenaphthylene	9.51	152	2321378	42.323	nq	99
50) Dimethylphthalate	9.39	163	1691020	42.375	nq	99
51) 2,6-Dinitrotoluene	9.44	165	412089	44.729	nq	99
52) Acenaphthene	9.68	154	1593698	46.434	nq	100
53) 3-Nitroaniline	9.60	138	282261	25.106	nq	96
54) 2,4-Dinitrophenol	9.71	184	423979	88.567	nq	97
55) Dibenzofuran	9.85	168	2032244	41.254	nq	98
56) 4-Nitrophenol	9.77	139	759581	84.271	nq	96
57) 2,4-Dinitrotoluene	9.84	165	554972	46.652	nq	90
58) Fluorene	10.20	166	1389632	41.918	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	470130	46.009	nq	99
60) Diethylphthalate	10.09	149	1731791	43.172	nq	99
61) 4-Chlorophenyl-phenylether	10.19	204	671959	42.776	nq	95
62) 4-Nitroaniline	10.22	138	458473	40.649	nq	99
63) Azobenzene	10.35	77	1598757	42.670	nq	96
65) 4,6-Dinitro-2-methylphenol	10.24	198	261283	46.048	nq	87
66) n-Nitrosodiphenylamine	10.31	169	1426085	42.715	nq	99
67) 4-Bromophenyl-phenylether	10.68	248	491638	42.315	nq	97
68) Hexachlorobenzene	10.74	284	527198	41.804	nq	# 92
69) Atrazine	10.84	200	464636	43.263	nq	99
70) Pentachlorophenol	10.93	266	639201	79.559	nq	96
71) Phenanthrene	11.15	178	2287264	39.642	nq	100
72) Anthracene	11.20	178	2384925	40.949	nq	99
73) Carbazole	11.35	167	2182193	41.959	nq	99
74) Di-n-butylphthalate	11.70	149	2586515	43.038	nq	98
75) Fluoranthene	12.32	202	2407196	41.815	nq	100
77) Benzidine	12.45	184	506235	15.314	nq	99
78) Pyrene	12.55	202	2431773	42.504	nq	98
80) Butylbenzylphthalate	13.19	149	1170294	46.351	nq	97
81) Benzo(a)anthracene	13.74	228	2256634	42.245	nq	99
82) 3,3'-Dichlorobenzidine	13.70	252	533083	27.635	nq	# 98
83) Chrysene	13.77	228	2039516	41.681	nq	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1506074	45.523	nq	98
85) Di-n-octyl phthalate	14.37	149	2600512	46.783	nq	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2551161	44.061	nq	99
88) Benzo(b)fluoranthene	14.74	252	2526002	52.311	nq	99
89) Benzo(k)fluoranthene	14.77	252	1955345	45.154	nq	100
90) Benzo(a)pyrene	15.06	252	2222610	51.068	nq	99
91) Dibenzo(a,h)anthracene	16.42	278	2118174	52.132	nq	99
92) Benzo(g,h,i)perylene	16.78	276	2155118	52.406	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

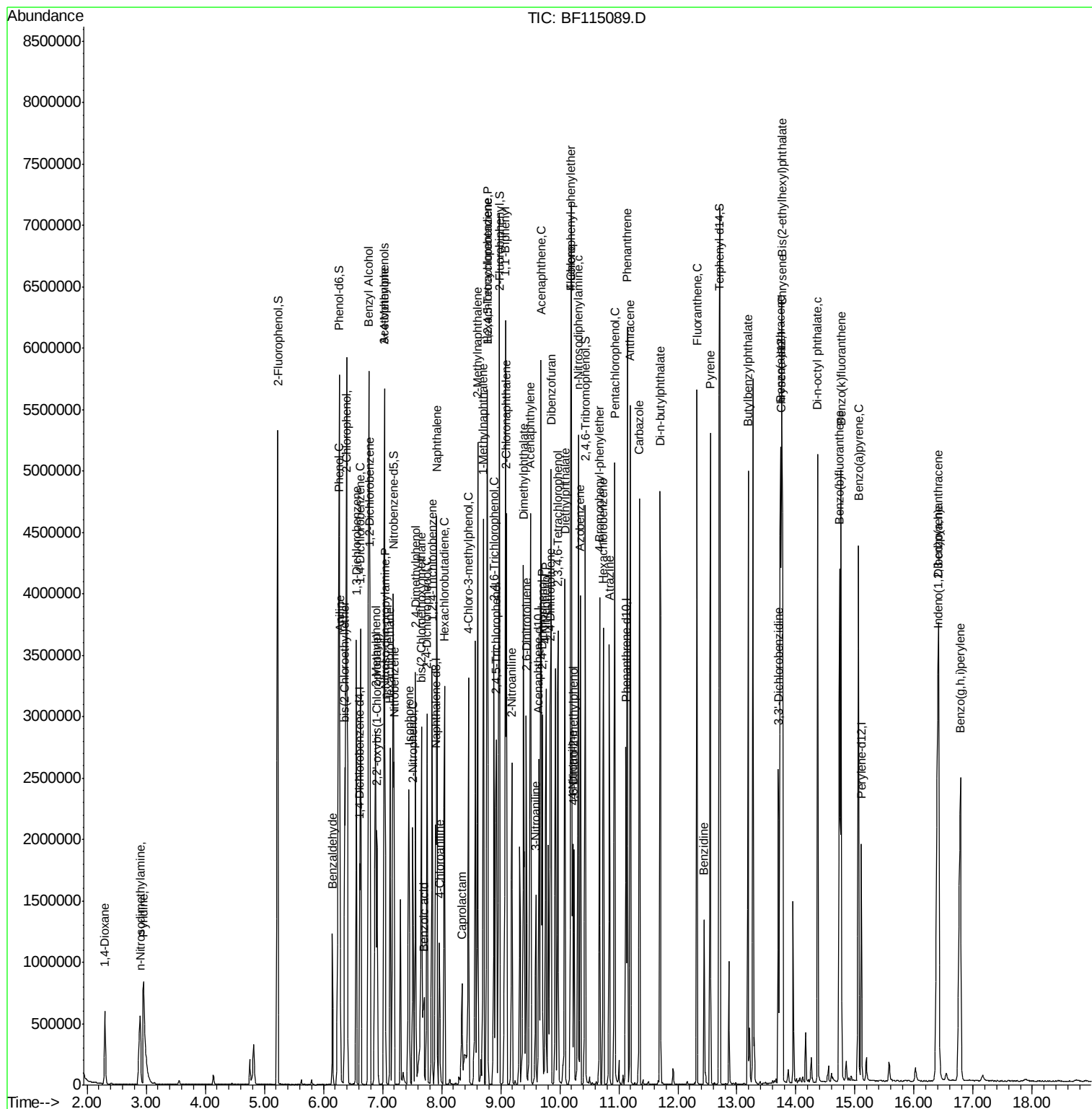
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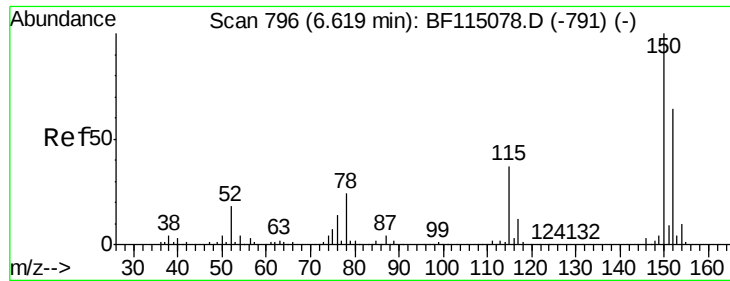
Instrument :
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#1

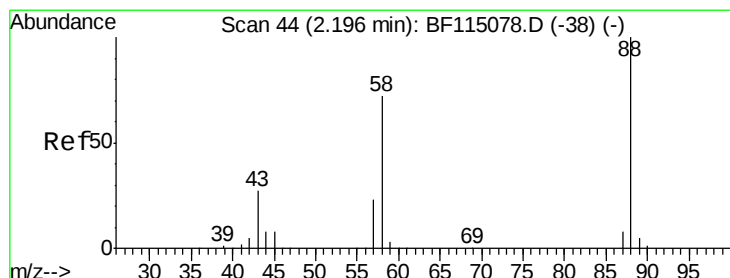
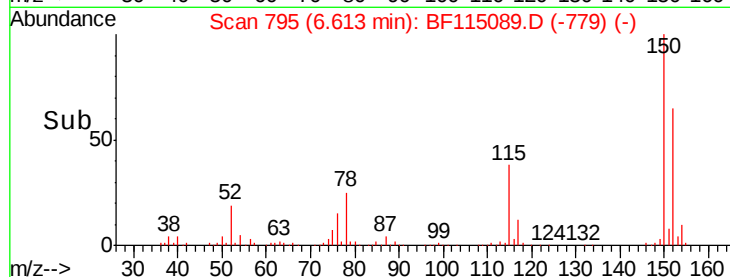
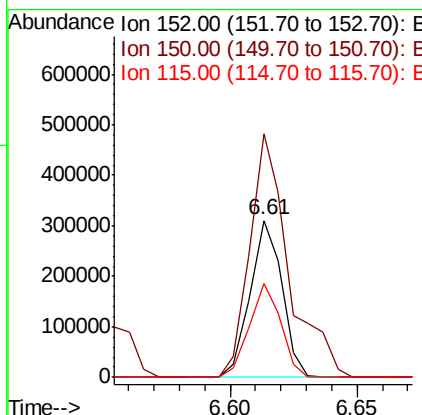
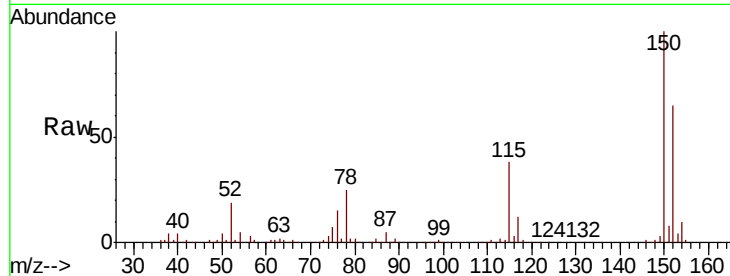
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120747BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.2	186.2
115	59.6	46.1	69.1

Manual Integrations
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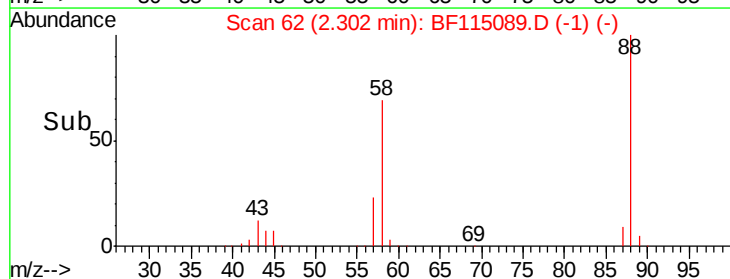
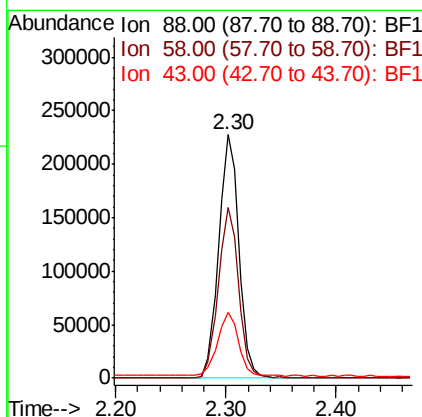
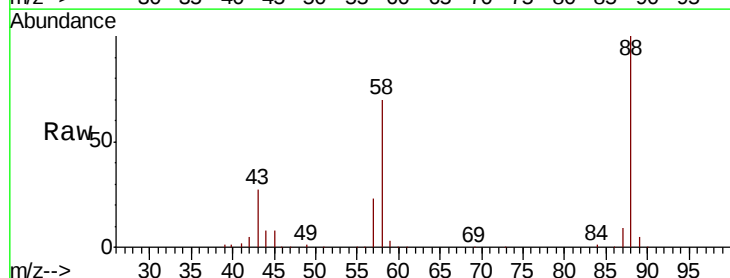
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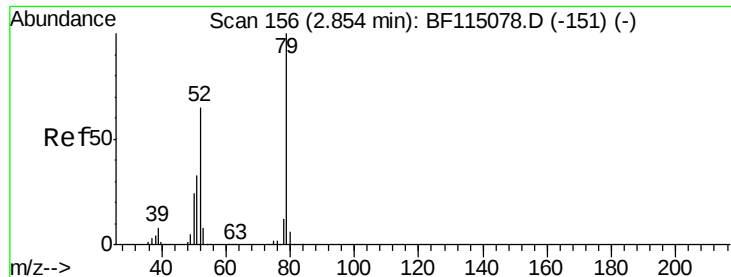


#2

1,4-Dioxane
 Concen: 34.734 ng
 RT: 2.30 min Scan# 62
 Delta R.T. 0.11 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	56.1	84.1
43	26.9	21.3	31.9





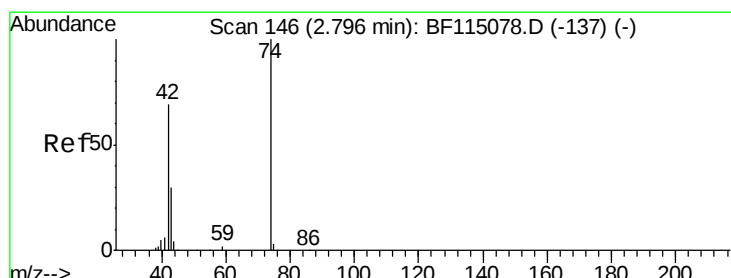
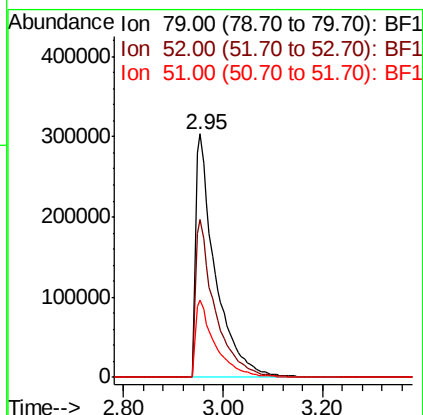
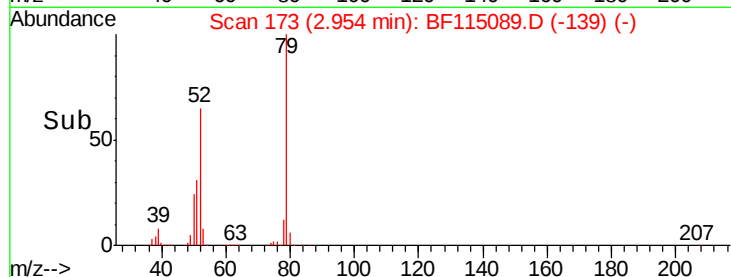
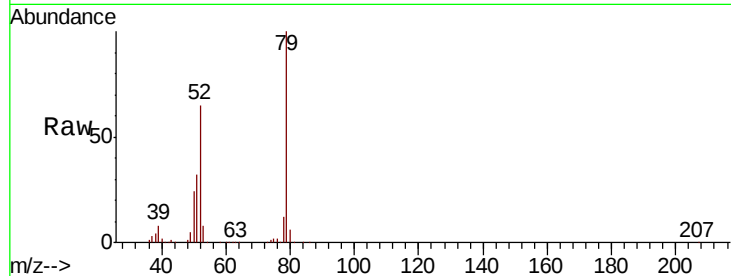
#3
Pvridine
Concen: 35.091 ng
RT: 2.95 min Scan# 173
Delta R.T. 0.10 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.1	52.3	78.5
51	31.6	26.1	39.1

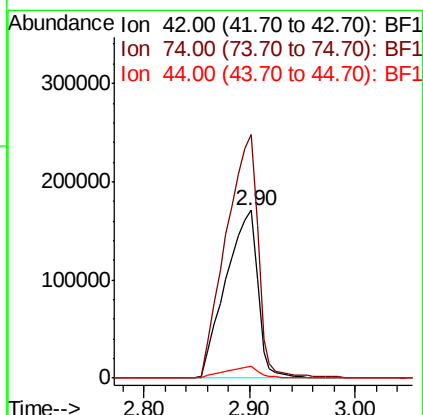
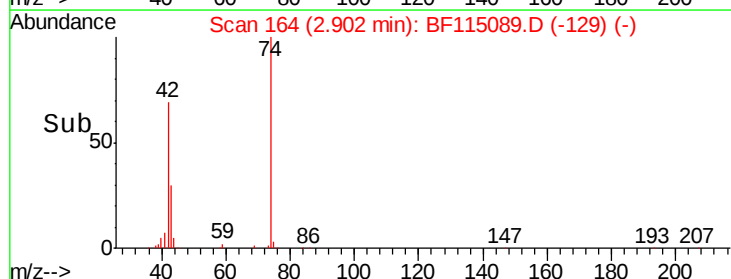
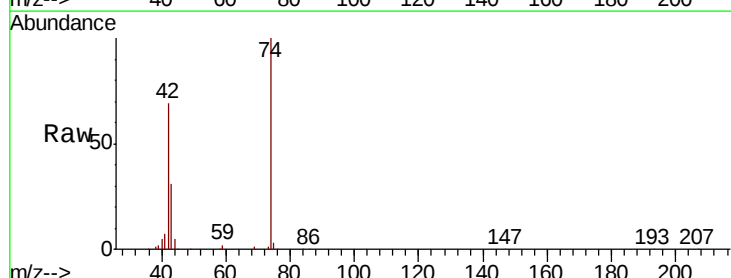
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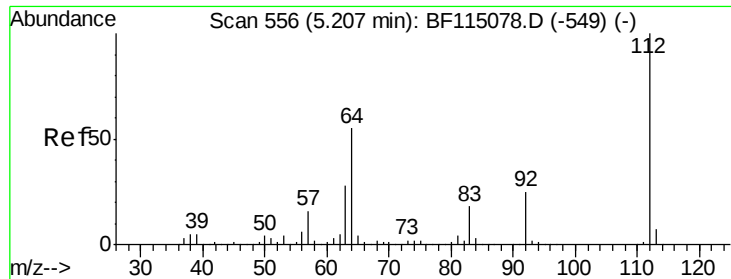
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#4
n-Nitrosodimethylamine
Concen: 38.883 ng
RT: 2.90 min Scan# 164
Delta R.T. 0.11 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.0	116.6	175.0
44	7.2	5.3	7.9





#5

2-Fluorophenol

Concen: 118.613 ng

RT: 5.23 min Scan# 560

Delta R.T. 0.02 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampled :

PB120747BS

Tot Ion:112 Resp: 2098453

Ion Ratio Lower Upper

112 100

64 52.7 43.8 65.6

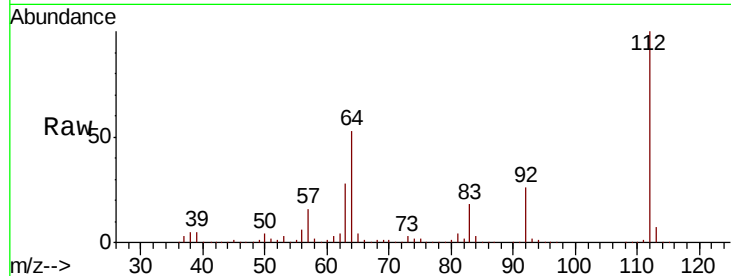
63 27.7 22.2 33.4

Manual Integrations

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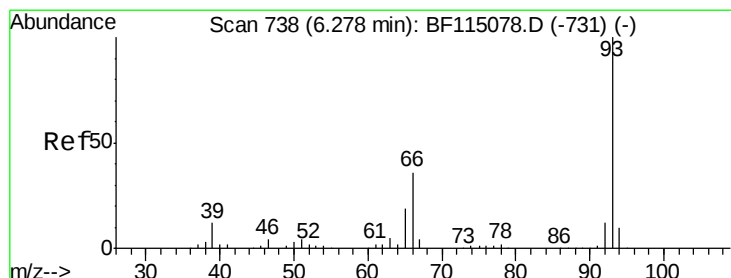
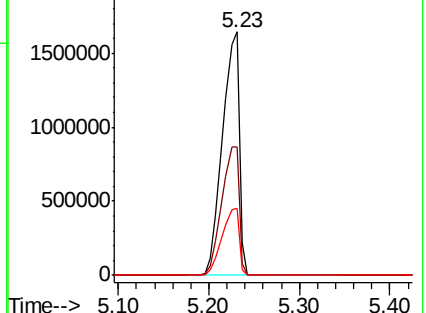
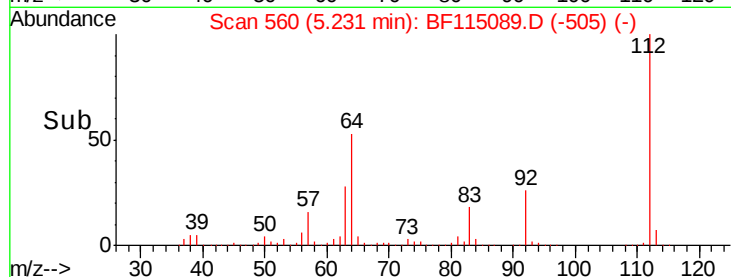
6/25/2019 12:41:15 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.907 ng

RT: 6.28 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

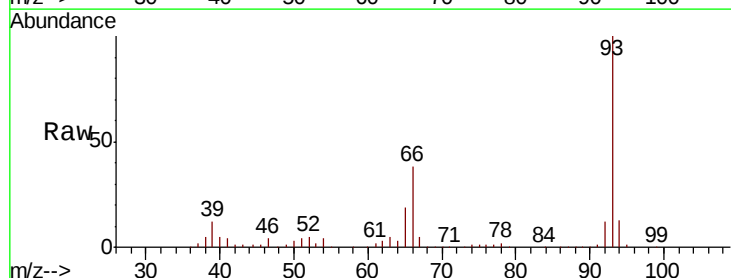
Tgt Ion: 93 Resp: 676029

Ion Ratio Lower Upper

93 100

66 37.6 30.0 45.0

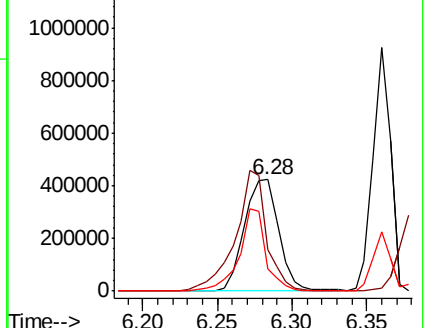
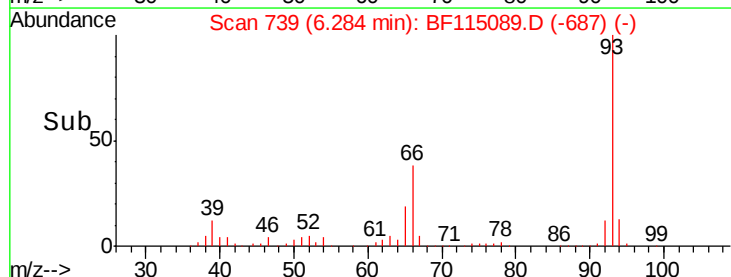
65 19.5 15.6 23.4

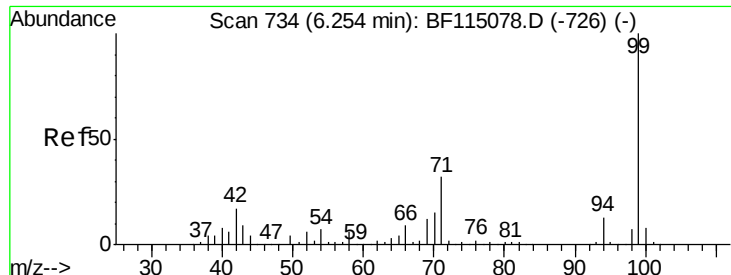


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.396 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115089.D

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Instrument :

BNA_F

ClientSampleId :

PB120747BS

Tot Ion: 99 Resp: 2628234

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

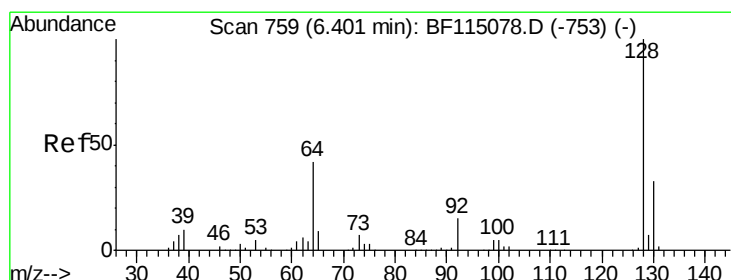
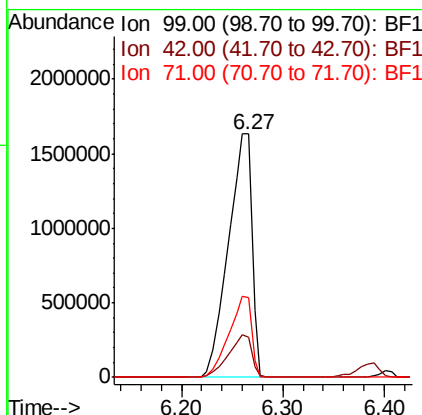
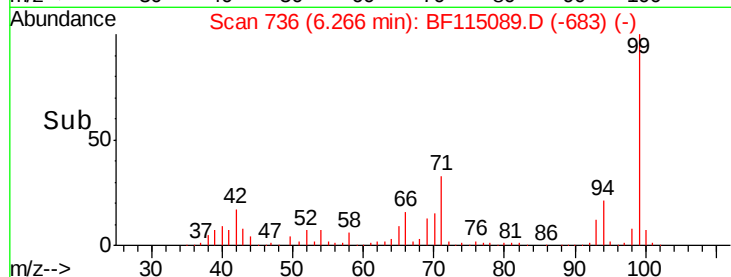
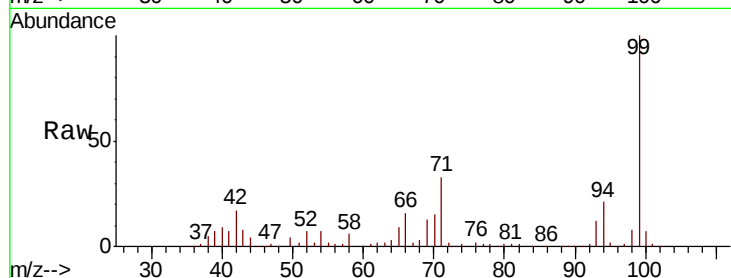
71 32.7 25.5 38.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.029 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

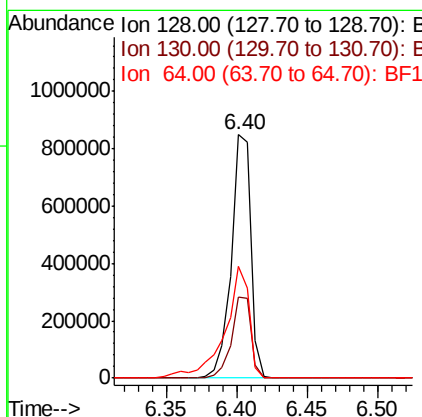
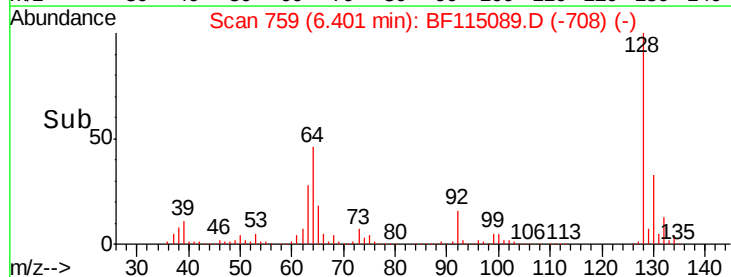
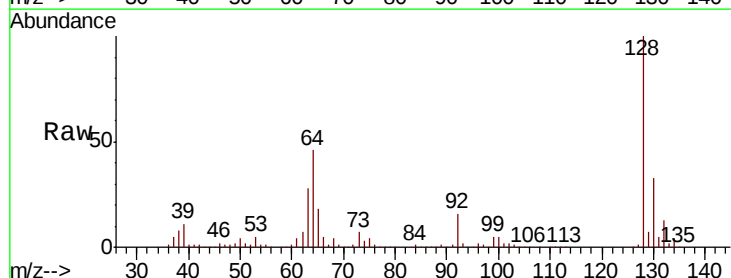
Tgt Ion: 128 Resp: 816201

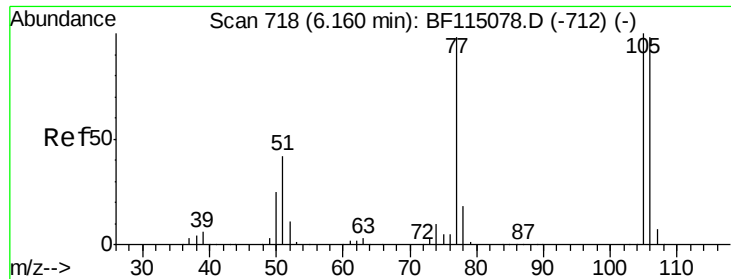
Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

64 45.8 22.9 62.9





#9

Benzaldehyde

Concen: 15.829 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

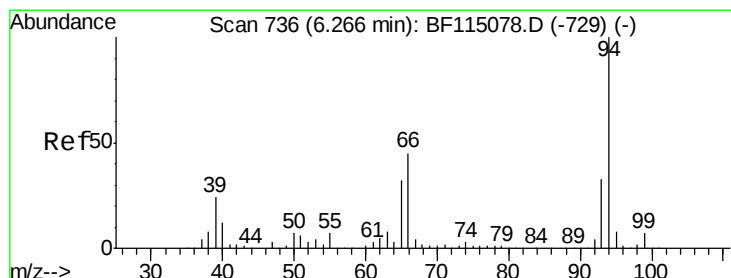
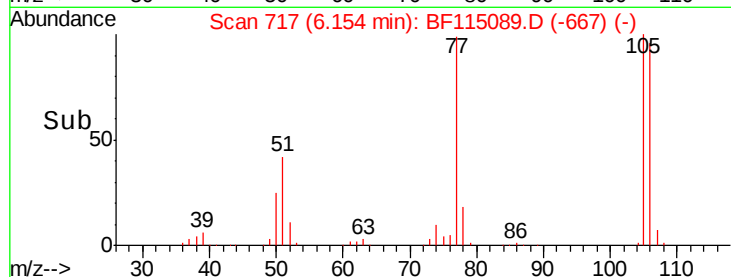
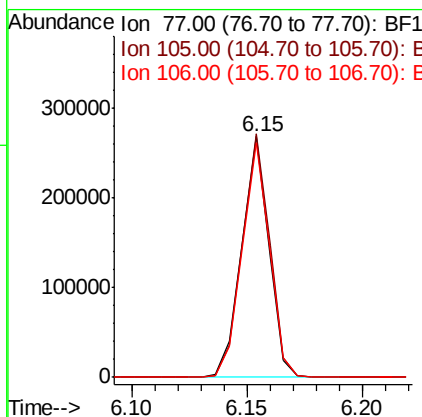
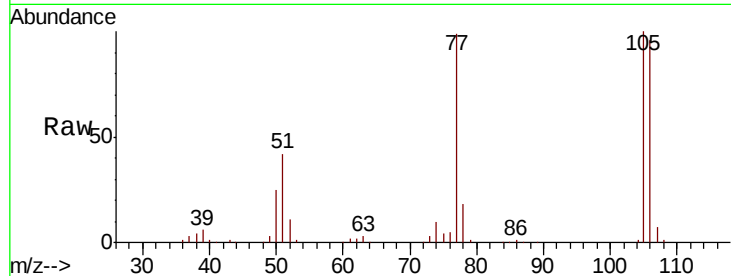
ClientSampleId :

PB120747BS

Tot Ion:	77	Resp:	221749
Ion	Ratio	Lower	Upper
77	100		
105	101.0	81.5	121.5
106	97.5	79.7	119.7

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#10

Phenol

Concen: 38.428 ng

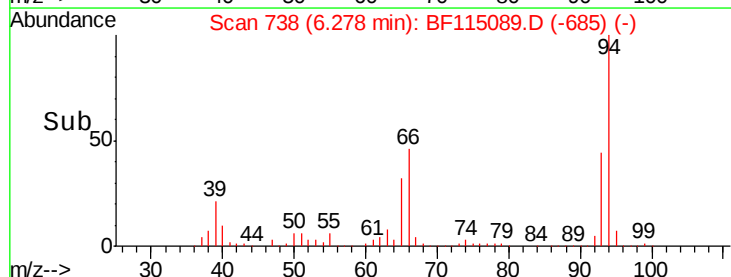
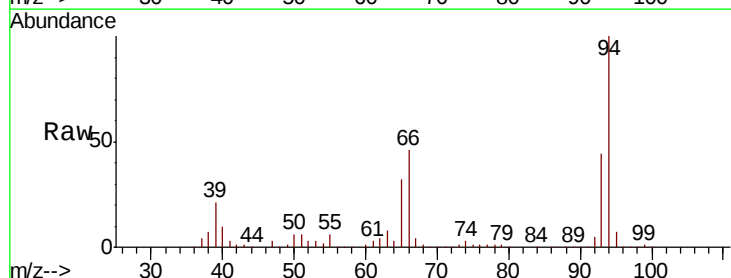
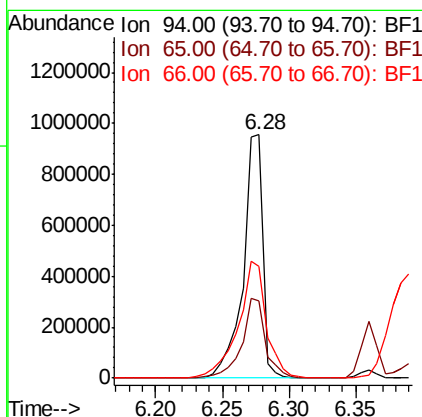
RT: 6.28 min Scan# 738

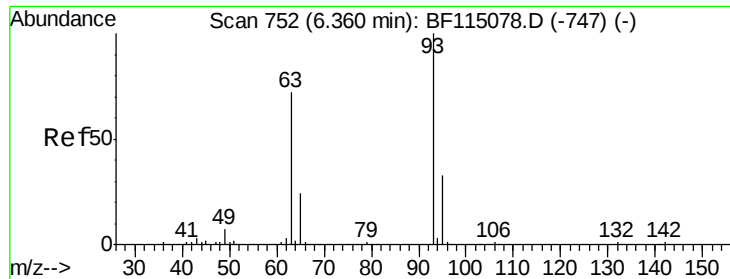
Delta R.T. 0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Tgt Ion:	94	Resp:	966583
Ion	Ratio	Lower	Upper
94	100		
65	31.7	11.9	51.9
66	45.8	25.2	65.2





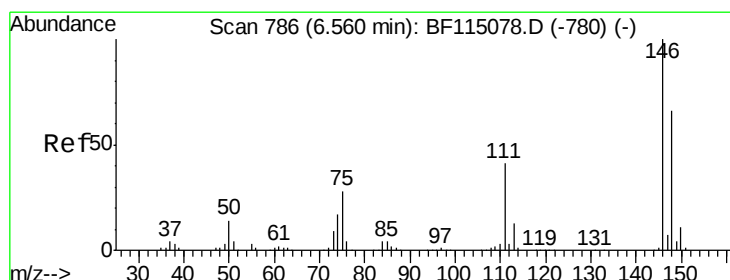
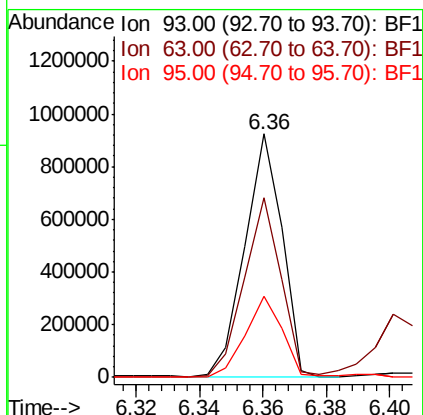
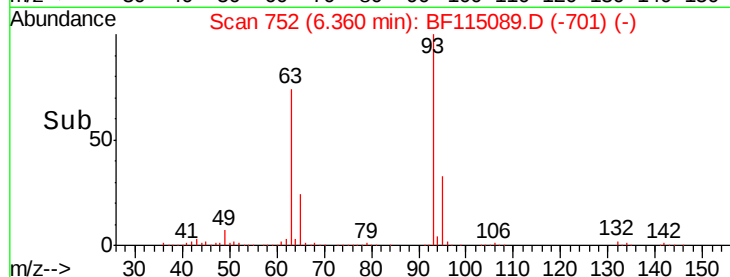
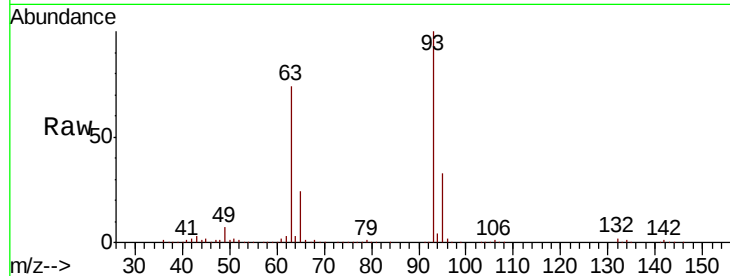
#11
bis(2-Chloroethyl)ether
Concen: 40.373 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.7	51.5	91.5
95	33.4	13.4	53.4

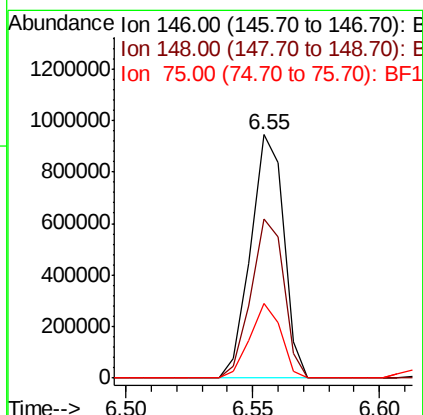
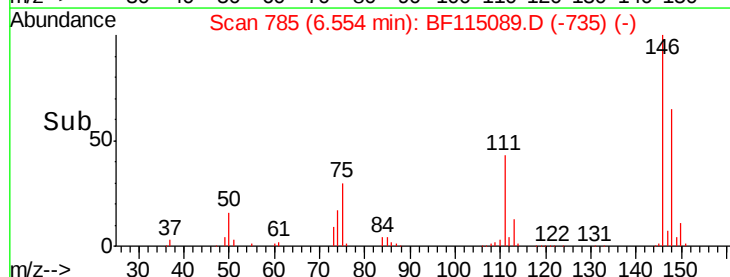
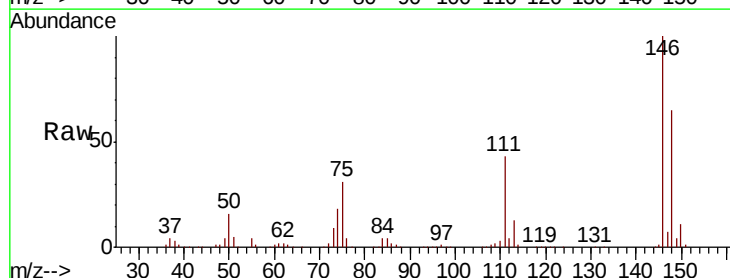
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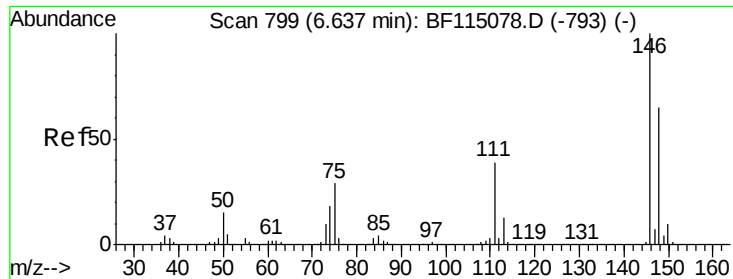
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#12
1,3-Dichlorobenzene
Concen: 39.127 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.6	78.8
75	30.8	22.6	34.0





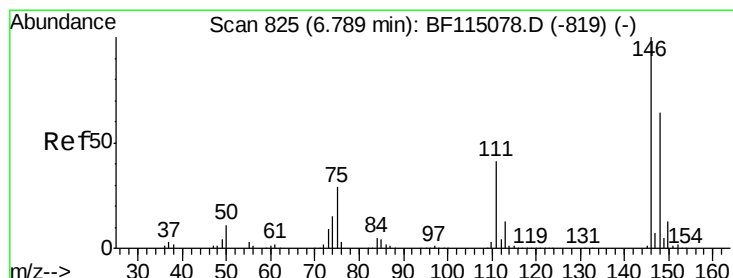
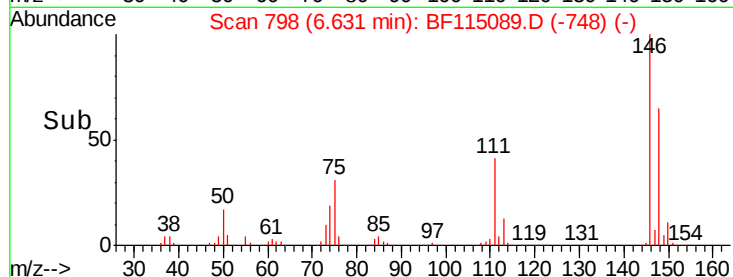
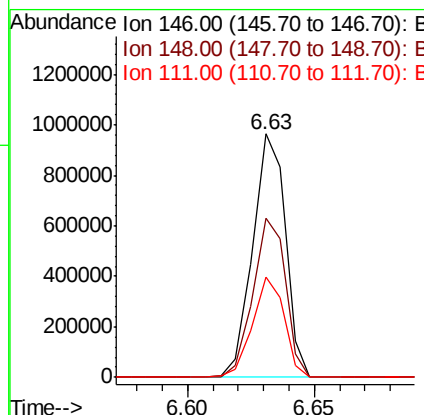
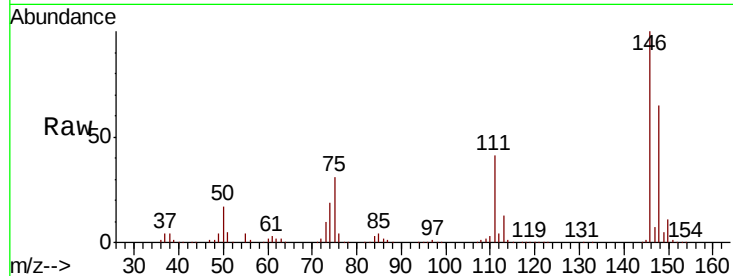
#13
1,4-Dichlorobenzene
Concen: 39.424 ng
RT: 6.63 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
111	41.0	31.4	47.0

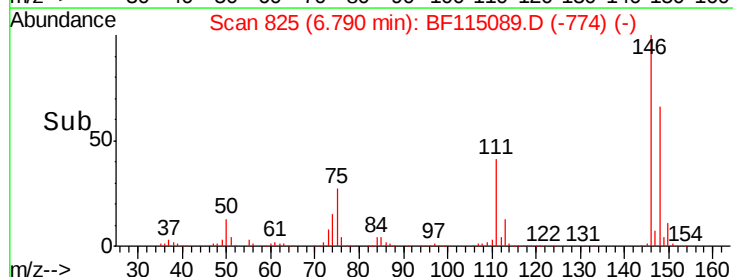
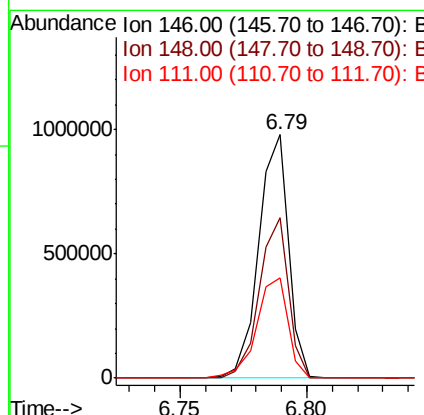
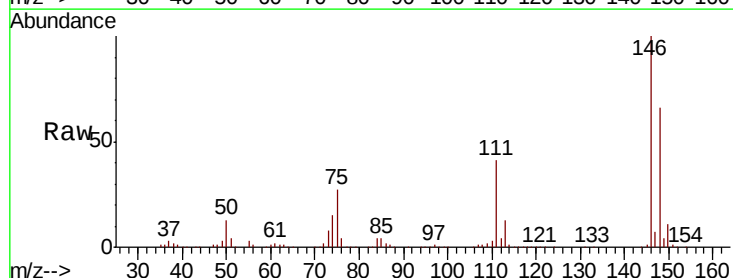
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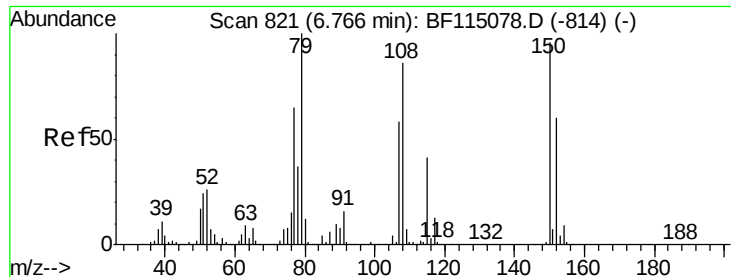
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#14
1,2-Dichlorobenzene
Concen: 39.205 ng
RT: 6.79 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.1	76.7
111	41.0	33.2	49.8





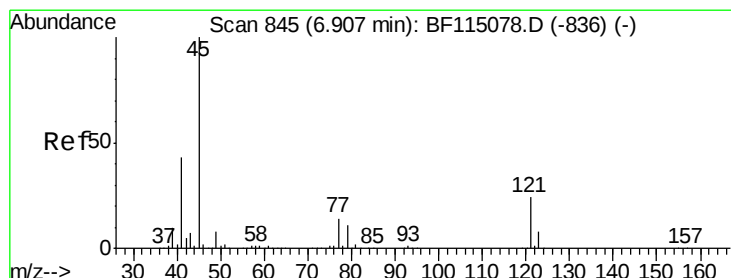
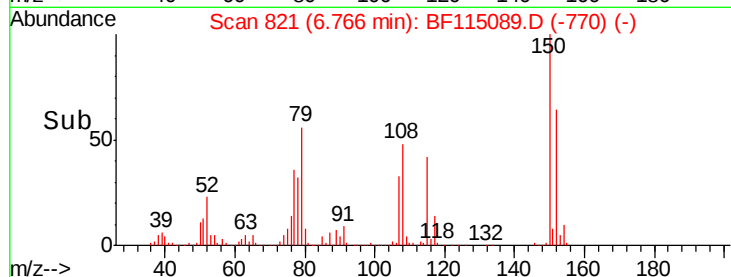
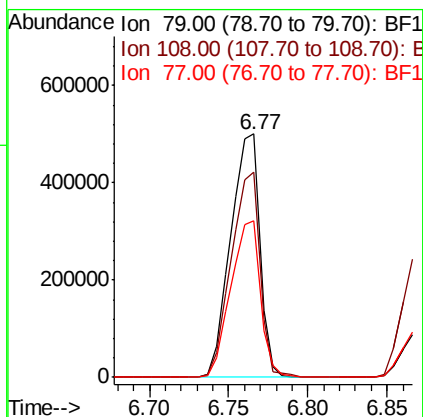
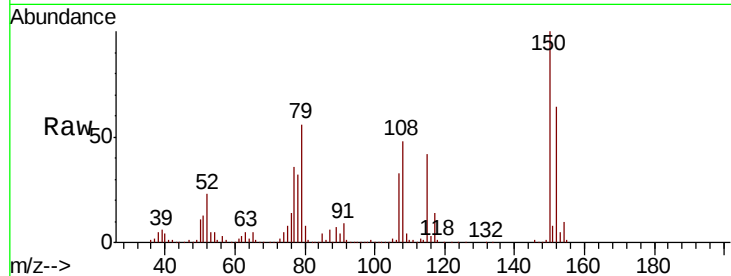
#15
Benzyl Alcohol
Concen: 40.954 ng
RT: 6.77 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleID :
PB120747BS

Tot Ion: 79 Resp: 640359
Ion Ratio Lower Upper
79 100
108 84.5 68.7 103.1
77 64.2 51.7 77.5

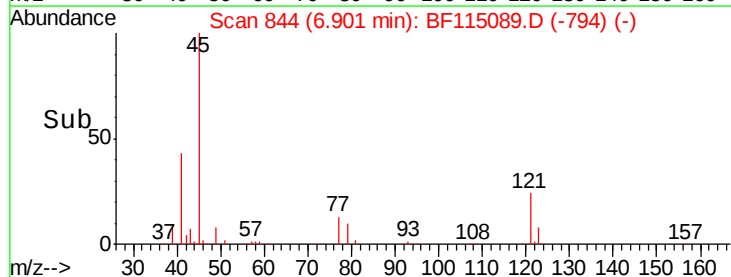
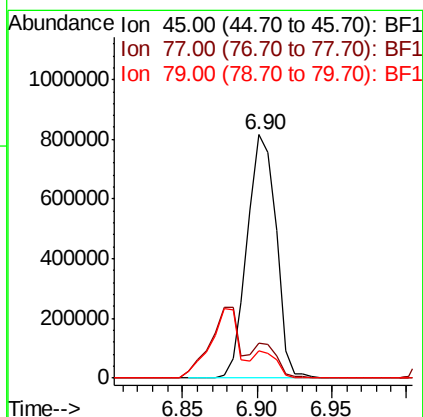
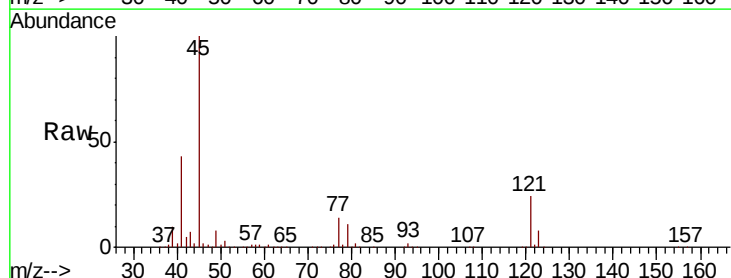
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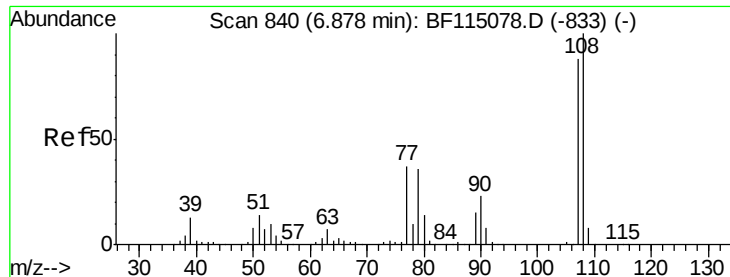
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.562 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion: 45 Resp: 1090783
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.6
79 11.1 0.0 31.2





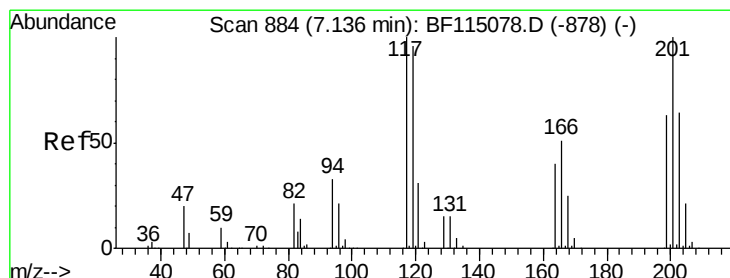
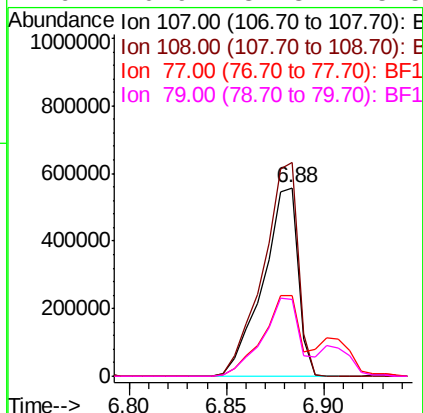
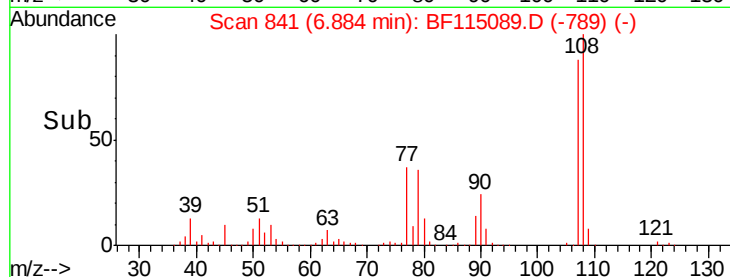
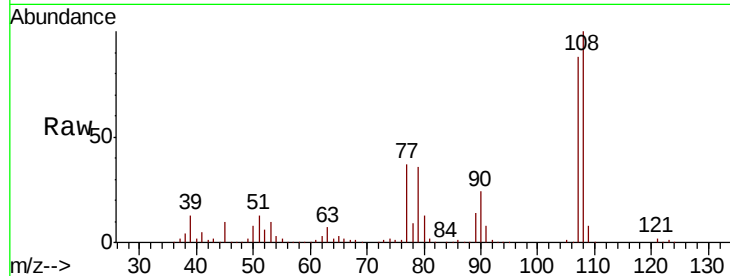
#17
2-Methylphenol
Concen: 42.492 ng
RT: 6.88 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	697736		
108	113.5		90.9	136.3
77	42.5		33.4	50.2
79	40.9		32.3	48.5

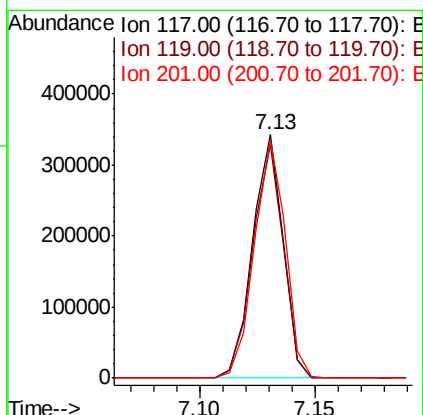
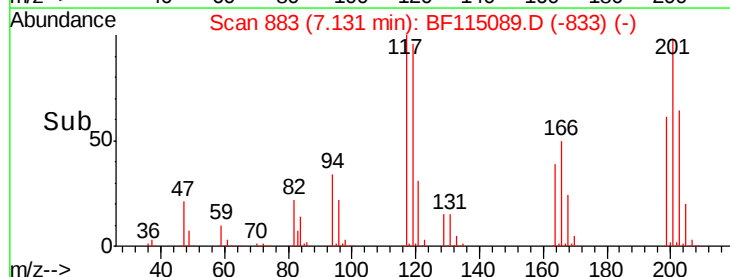
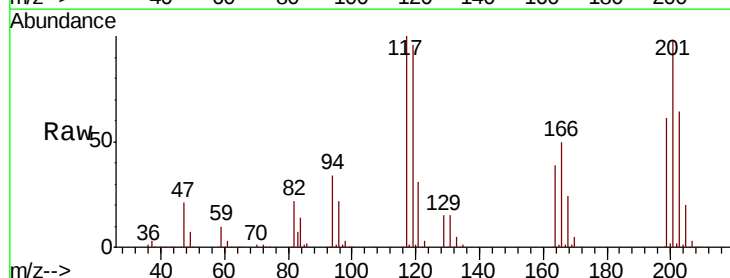
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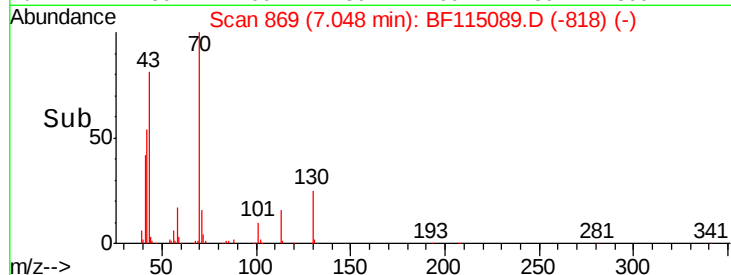
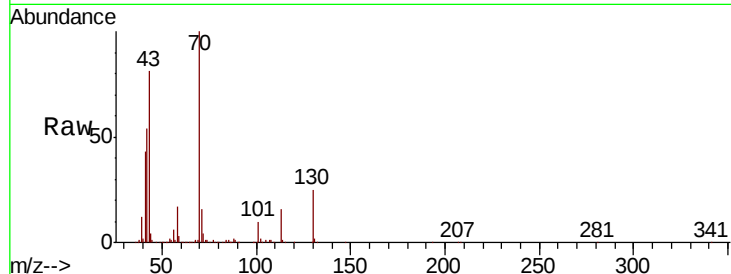
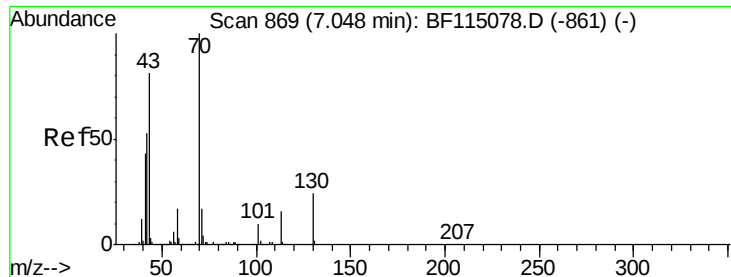
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#18
Hexachloroethane
Concen: 39.678 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	316691		
119	95.8		76.6	114.8
201	98.0		80.2	120.2





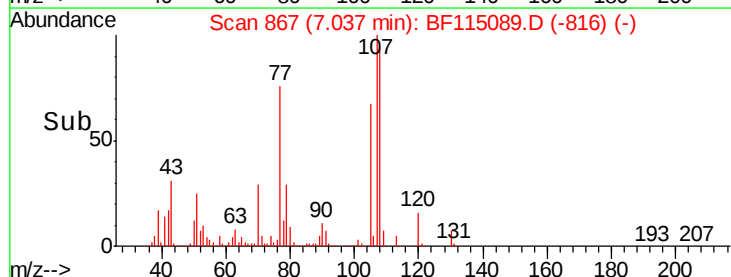
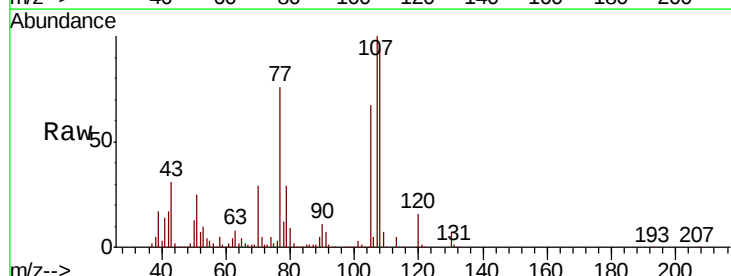
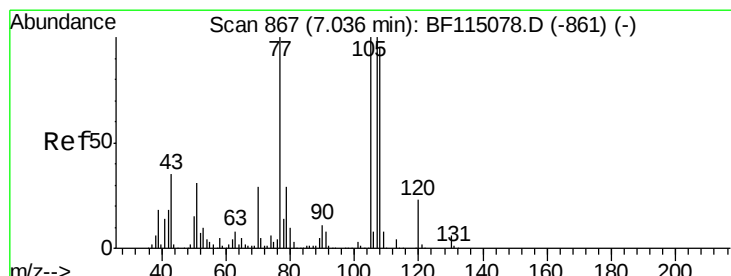
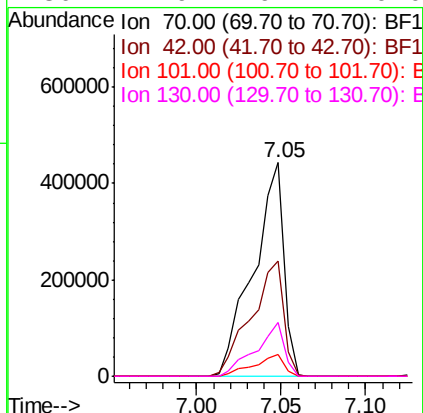
#19
n-Nitroso-di-n-propylamine
Concen: 40.379 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.1	42.6	63.8		
101	10.1	8.0	12.0		
130	24.9	19.4	29.0		

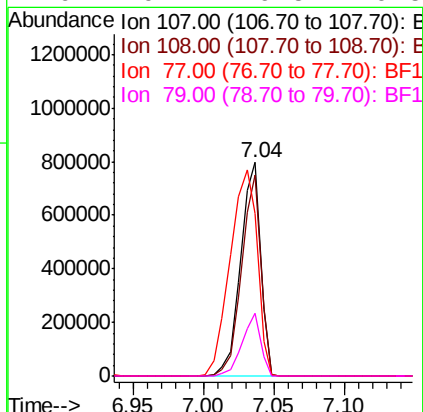
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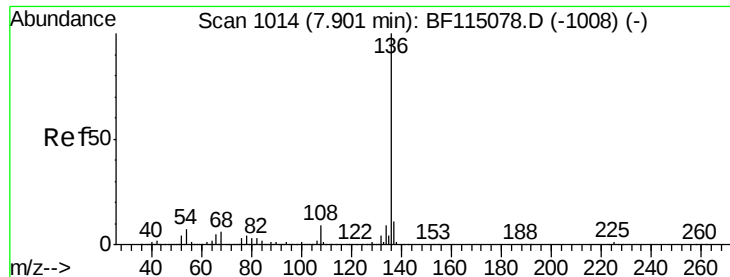
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#20
3+4-Methylphenols
Concen: 41.485 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	94.1	75.5	115.5		
77	76.4	80.2	120.2		
79	29.2	9.5	49.5		





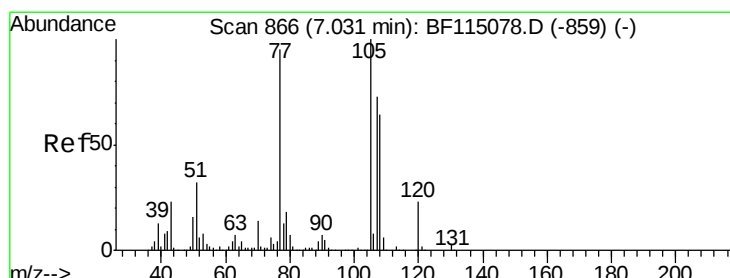
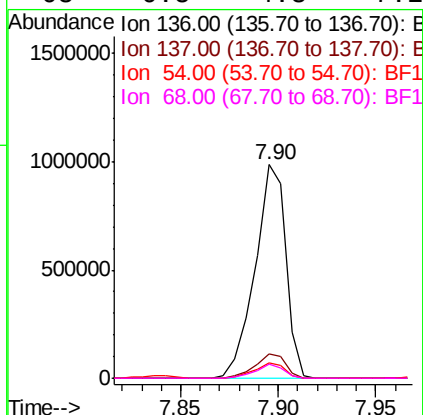
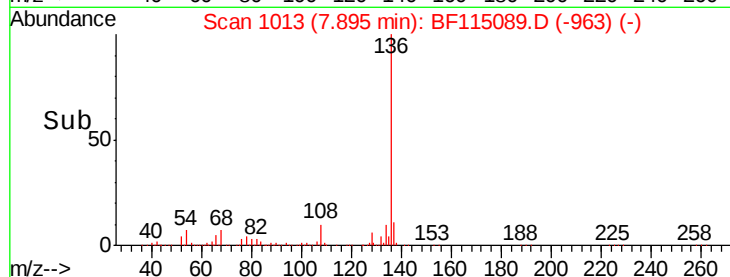
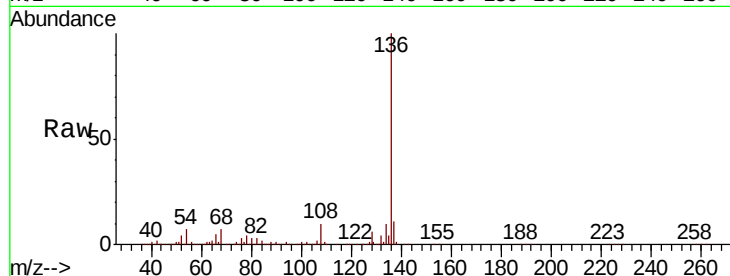
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	136	Resp	1080920
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.5	5.6	8.4
68	6.5	4.8	7.2

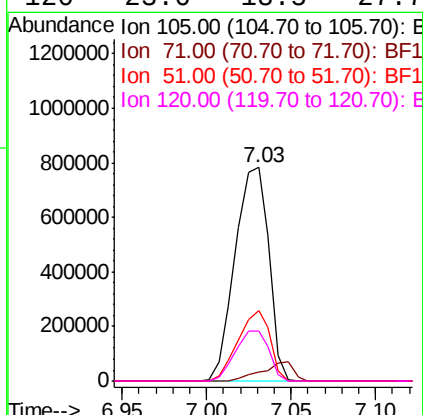
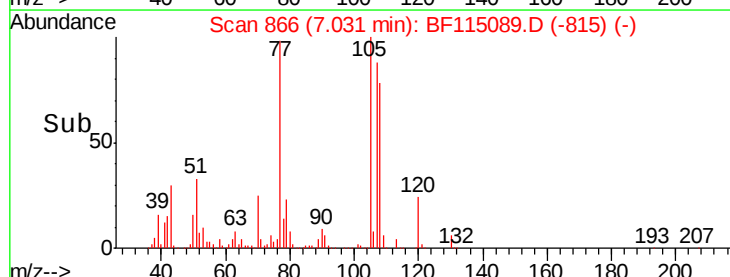
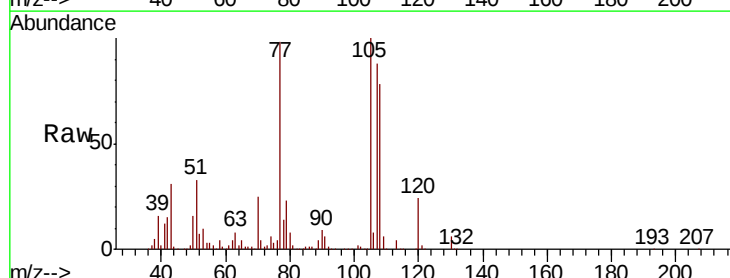
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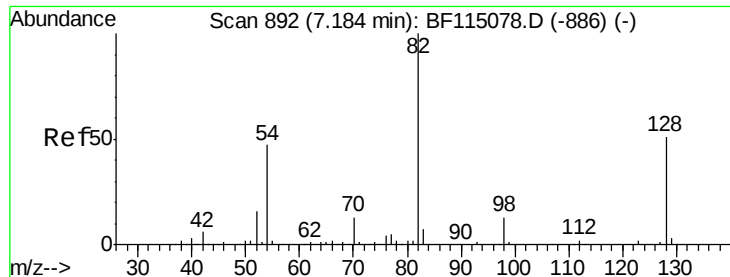
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#22
Acetophenone
Concen: 44.097 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	105	Resp	1091229
Ion	Ratio	Lower	Upper
105	100		
71	3.9	1.9	2.9#
51	33.0	25.8	38.8
120	23.6	18.5	27.7





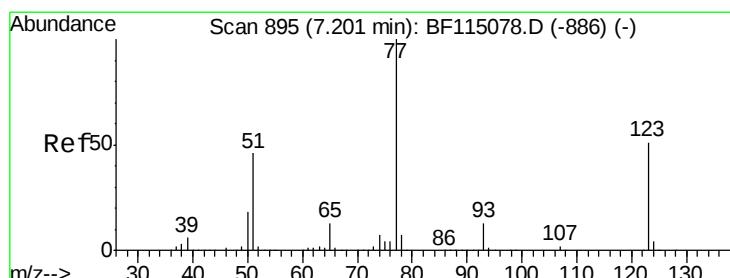
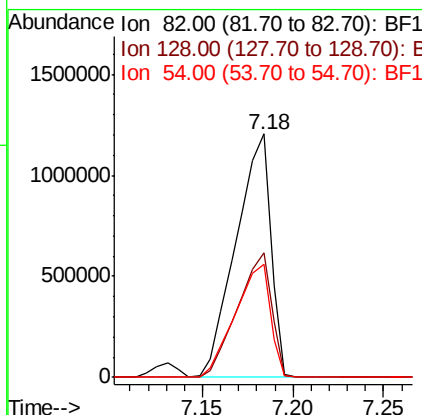
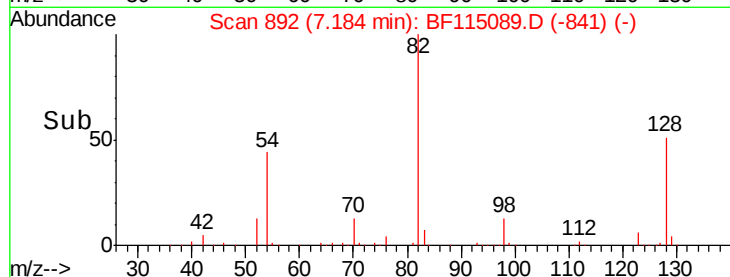
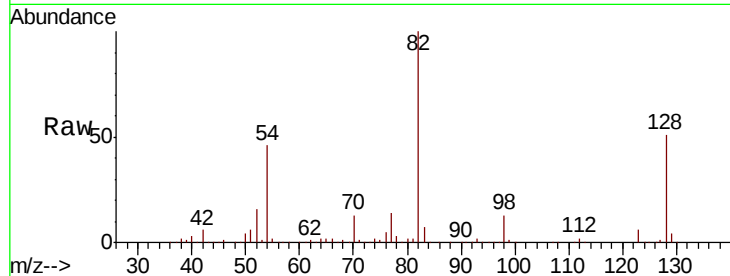
#23
Nitrobenzene-d5
Concen: 91.786 ng
RT: 7.18 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	82	Resp	1612813
Ion Ratio	100	Lower	Upper
82	100		
128	51.2	40.4	60.6
54	46.2	37.5	56.3

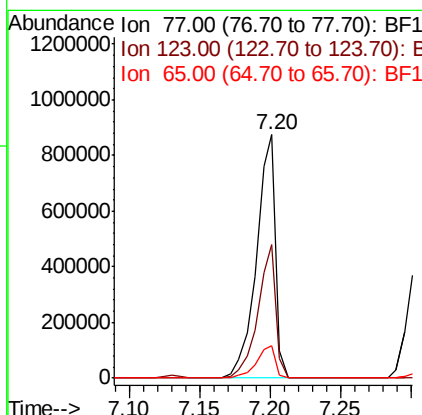
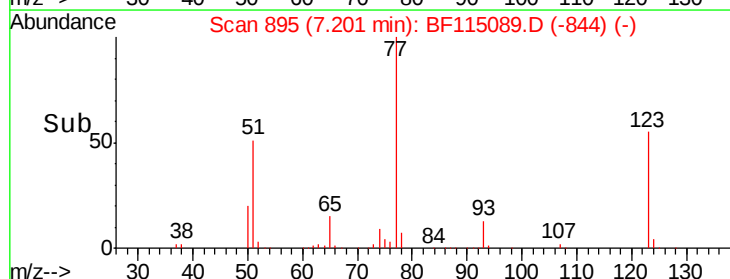
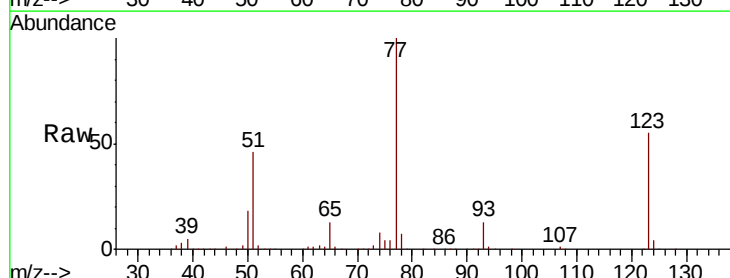
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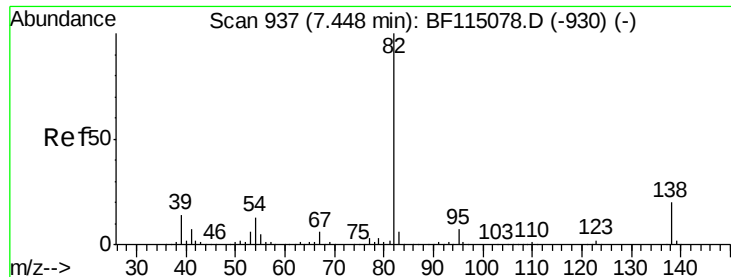
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#24
Nitrobenzene
Concen: 42.878 ng
RT: 7.20 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	77	Resp	830048
Ion Ratio	100	Lower	Upper
77	100		
123	54.8	41.0	61.6
65	13.2	10.5	15.7





#25

Isophorone

Concen: 43.915 ng

RT: 7.45 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampled :

PB120747BS

Tot Ion: 82 Resp: 1580761

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

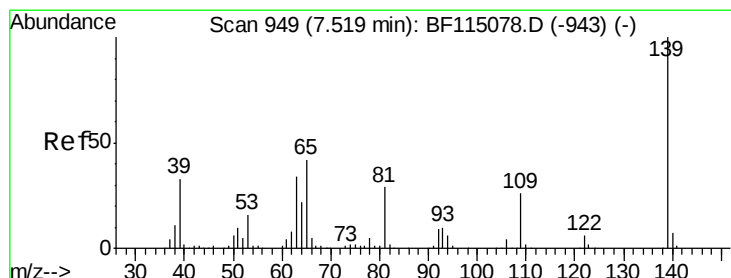
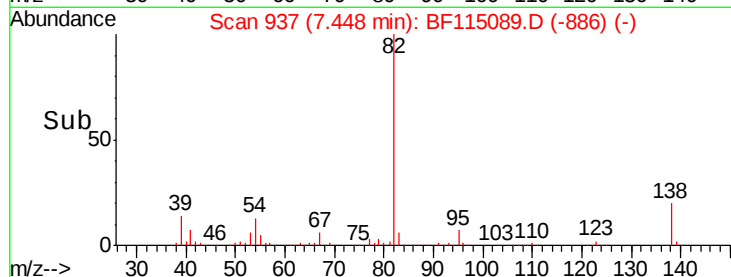
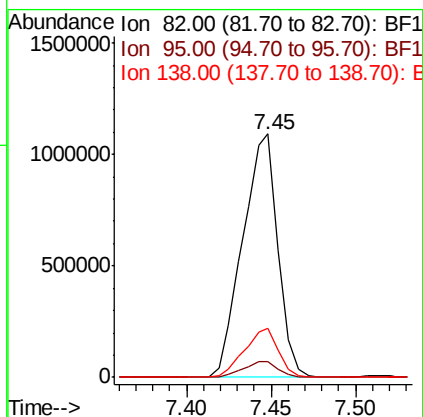
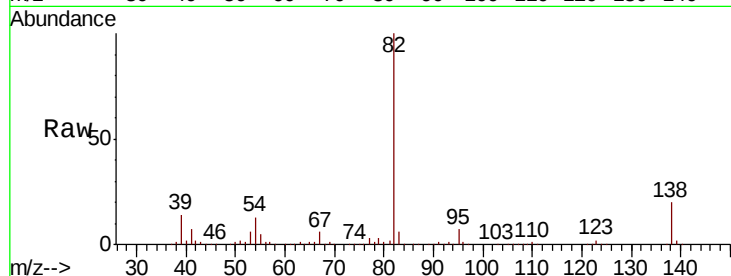
138 20.2 15.9 23.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.920 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

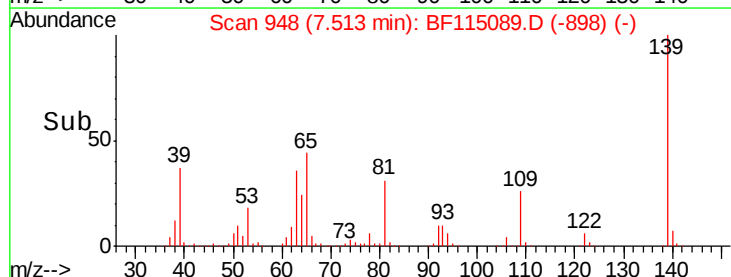
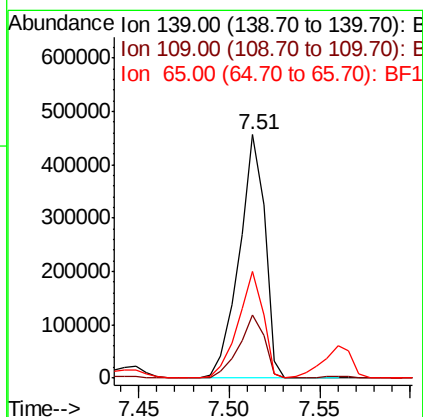
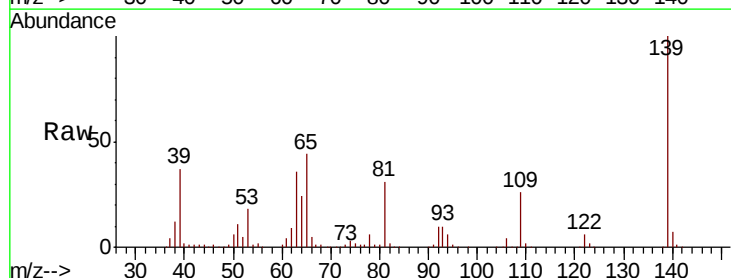
Tgt Ion: 139 Resp: 448549

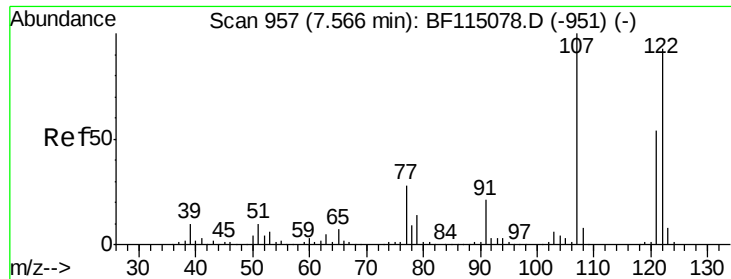
Ion Ratio Lower Upper

139 100

109 26.1 20.4 30.6

65 43.9 33.6 50.4





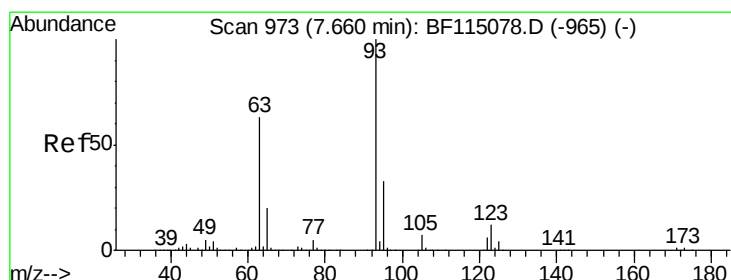
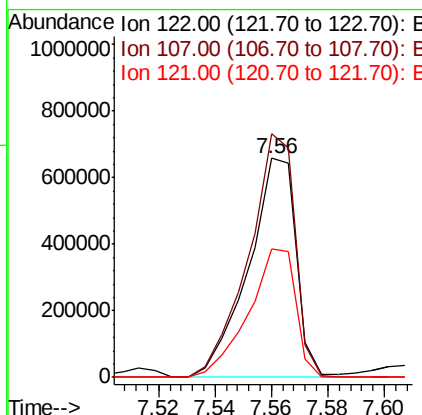
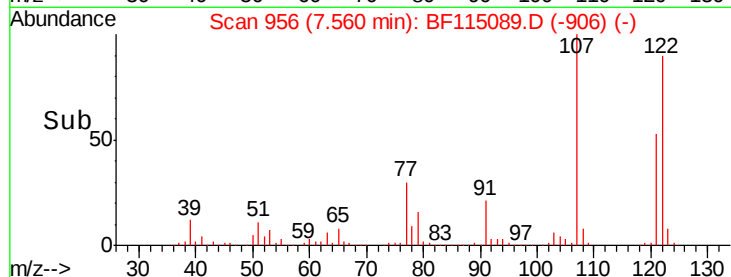
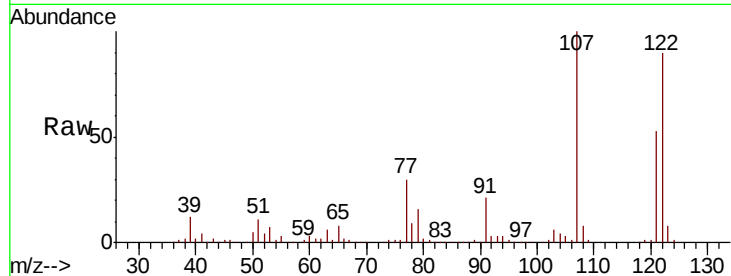
#27
2,4-Dimethylphenol
Concen: 49.410 ng
RT: 7.56 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleID :
PB120747BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	85.8	128.6
121	58.9	46.3	69.5

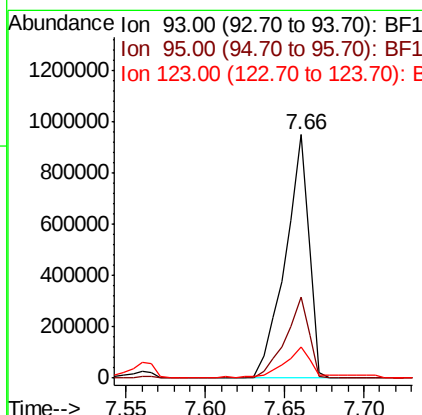
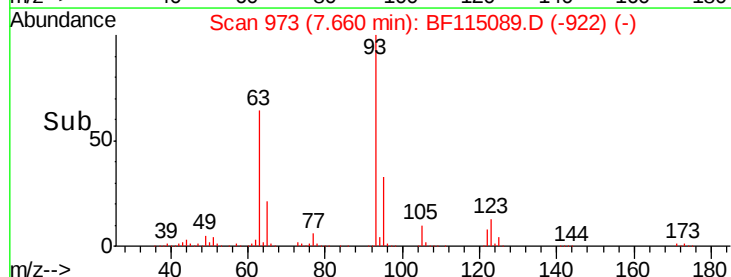
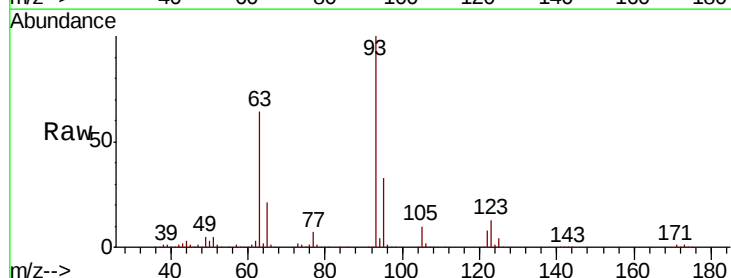
Manual Integrations
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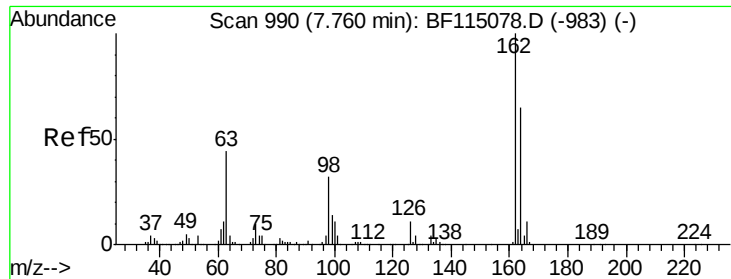
mohammad
6/25/2019 12:41:15 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.253 ng
RT: 7.66 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.4
123	12.9	9.7	14.5





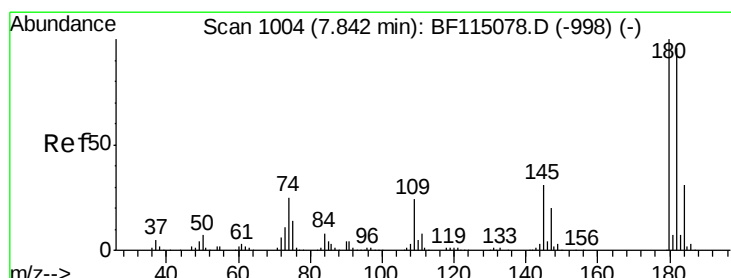
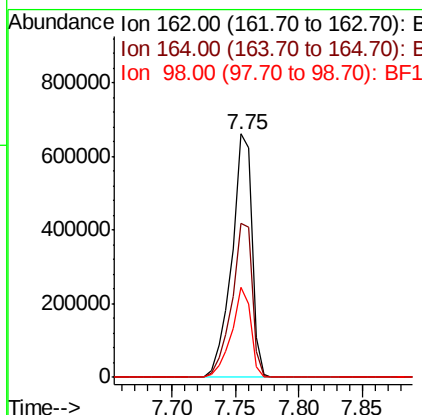
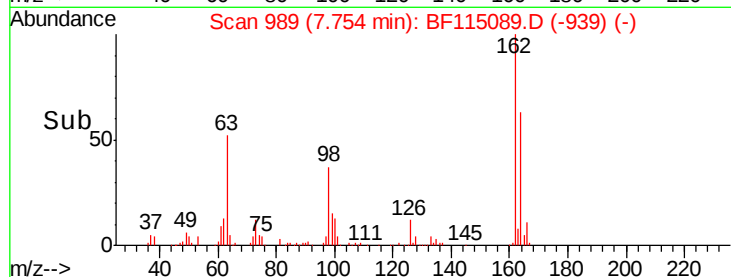
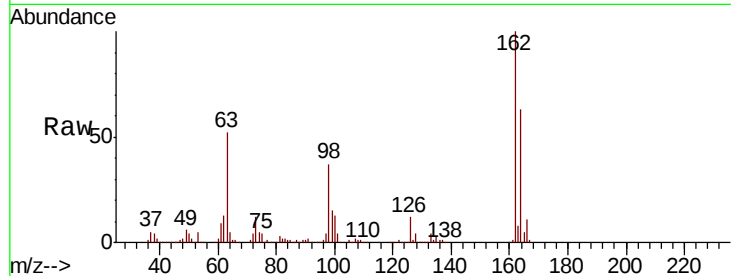
#29
2,4-Dichlorophenol
Concen: 44.675 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.5	45.3	85.3
98	36.9	12.5	52.5

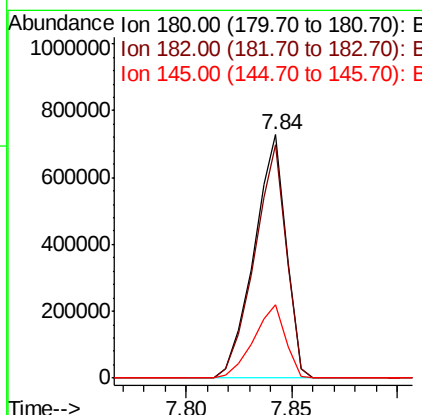
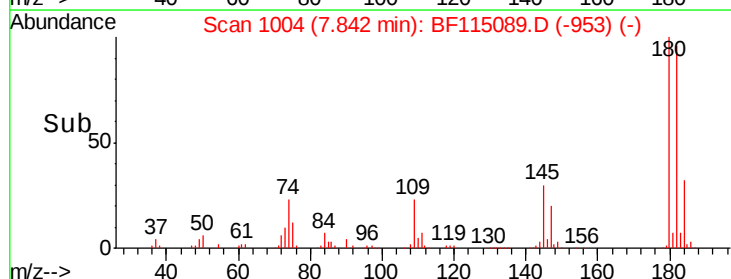
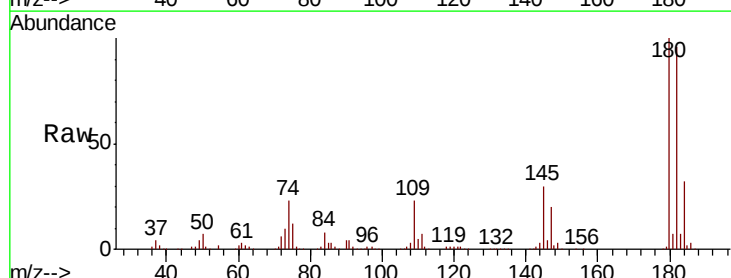
Manual Integrations
APPROVED

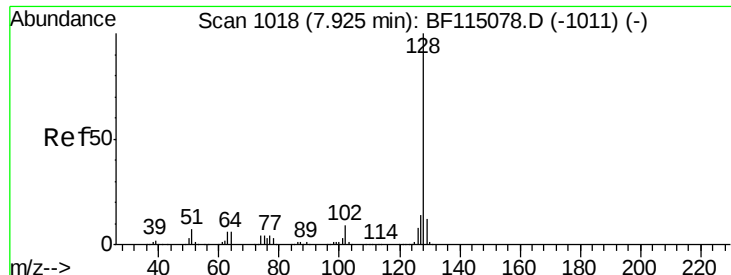
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 43.080 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	76.4	114.6
145	30.1	24.8	37.2





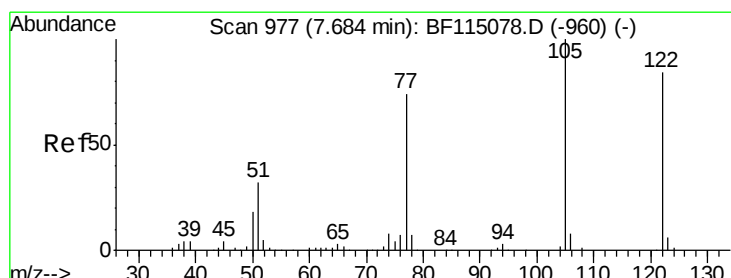
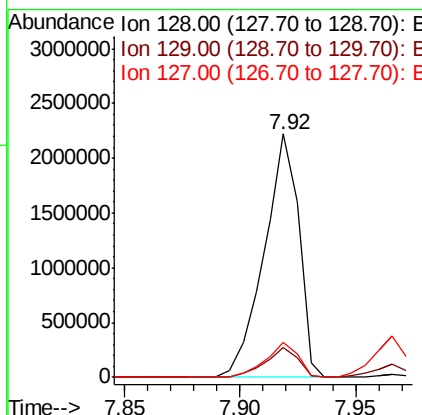
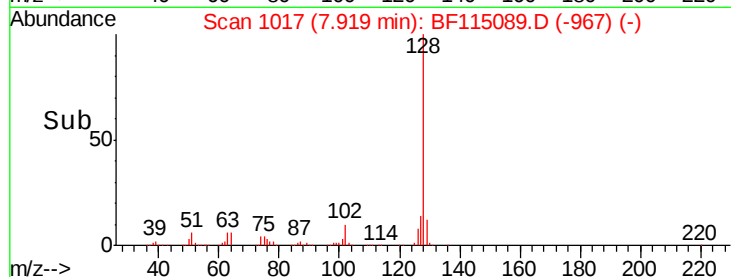
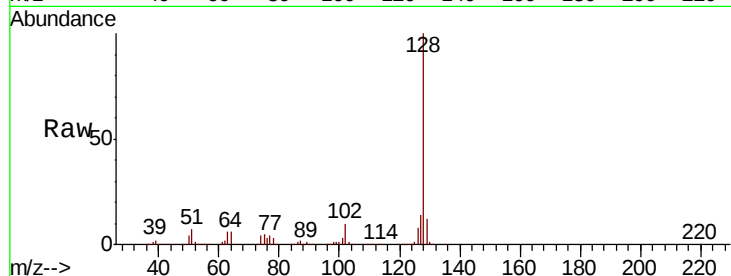
#31
Naphthalene
Concen: 43.618 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	14.4	11.4	17.0

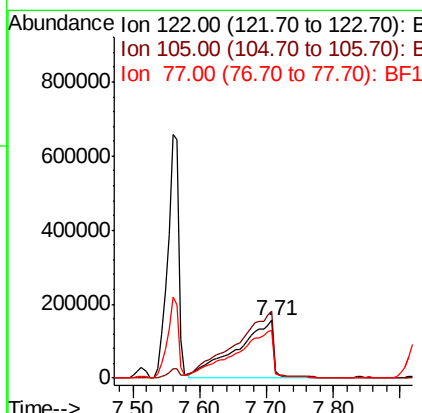
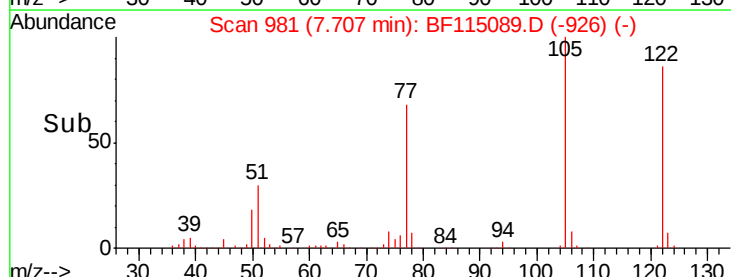
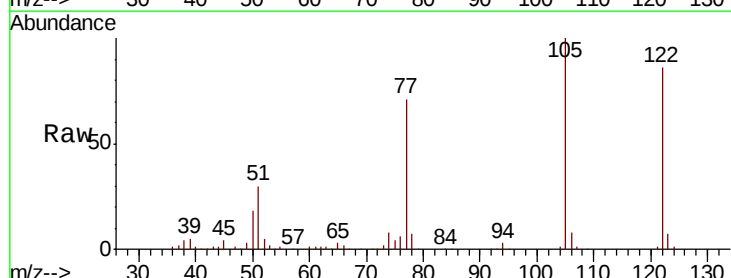
Manual Integrations
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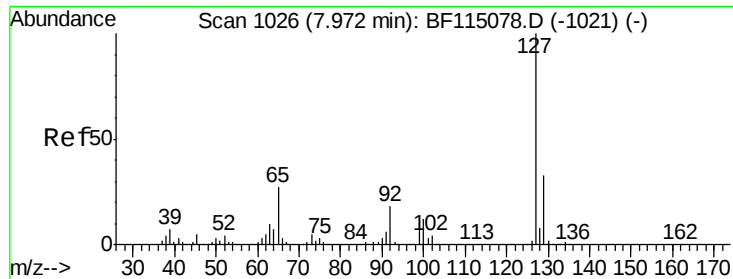
mohammad
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#32
Benzoic acid
Concen: 53.033 ng
RT: 7.71 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.8	98.2	138.2
77	81.8	67.0	107.0





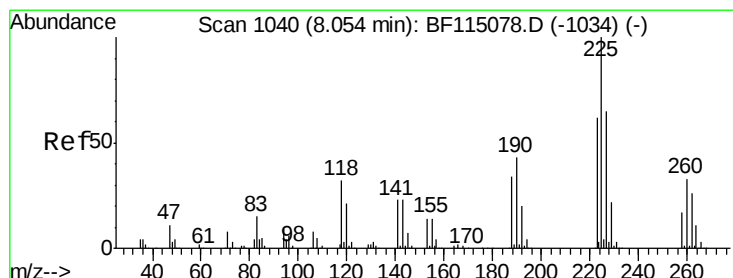
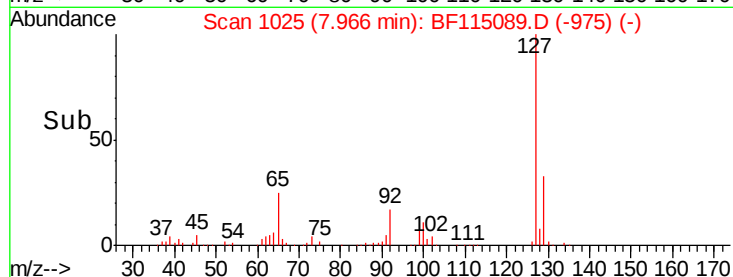
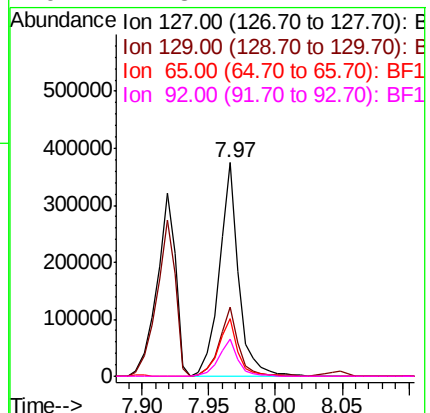
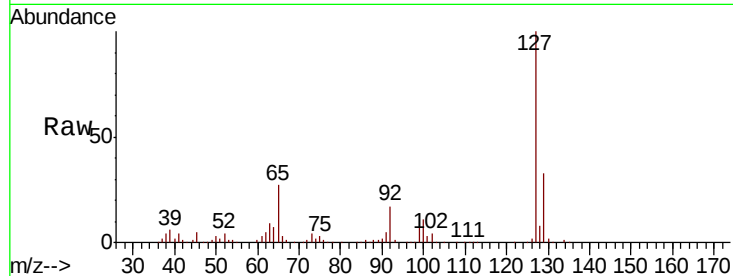
#33
4-Chloroaniline
Concen: 15.741 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.1	39.1		
65	26.7	21.4	32.2		
92	17.3	14.1	21.1		

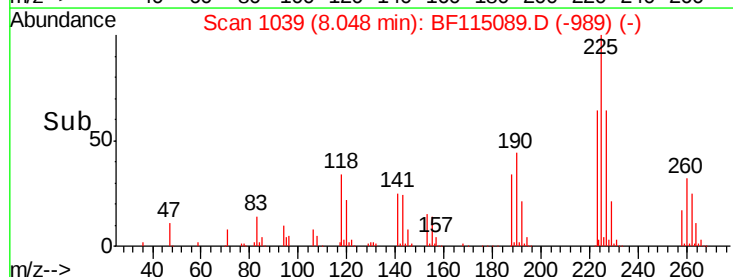
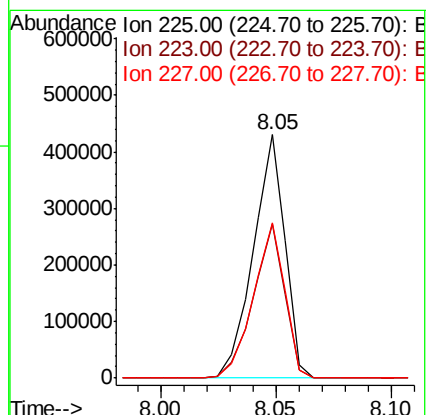
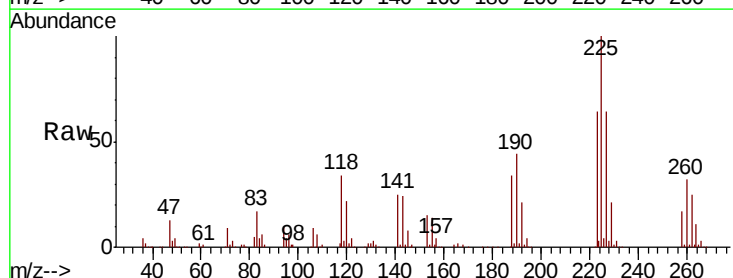
Manual Integrations
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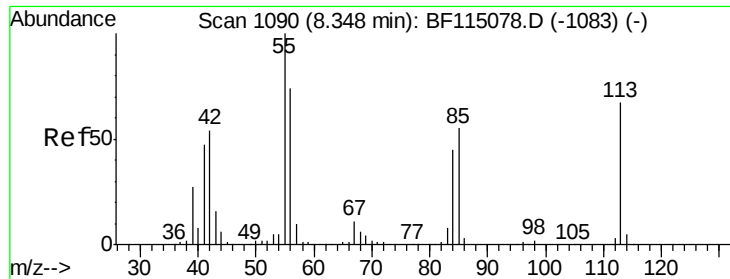
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#34
Hexachlorobutadiene
Concen: 41.987 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.4	74.2		
227	63.9	51.8	77.8		





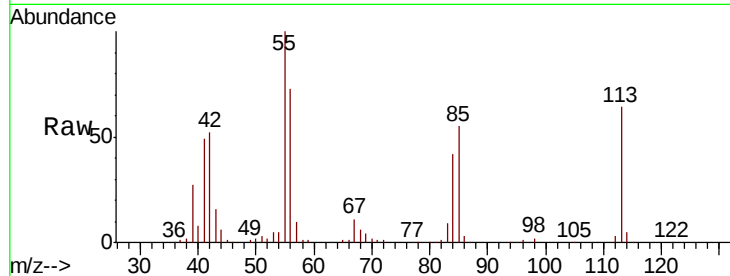
#35
Caprolactam
Concen: 41.107 ng/ml
RT: 8.35 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	156.3	130.2	170.2
56	113.7	91.6	131.6

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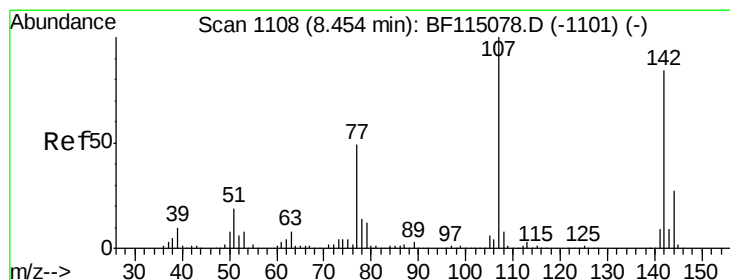
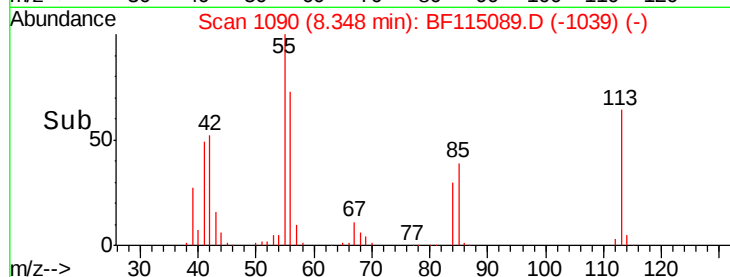
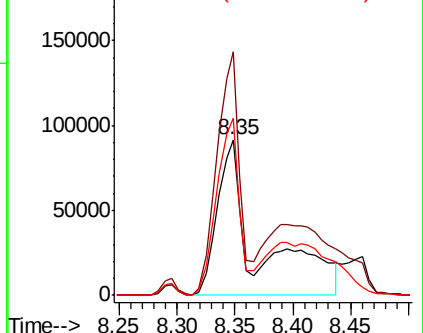


Abundance

Ion 113.00 (112.70 to 113.70): E

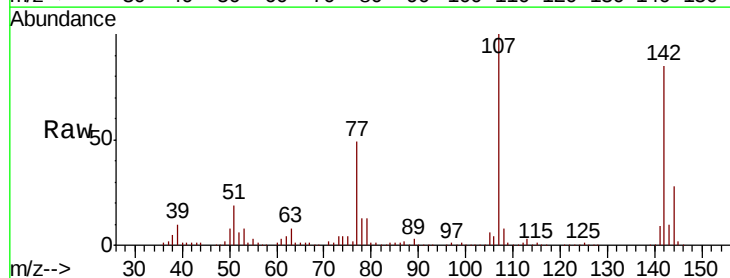
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 44.386 ng/ml
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	21.7	32.5
142	85.4	67.0	100.4

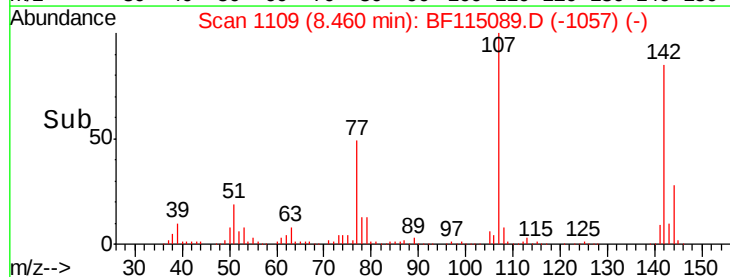
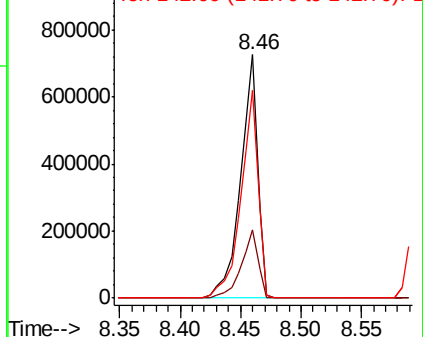


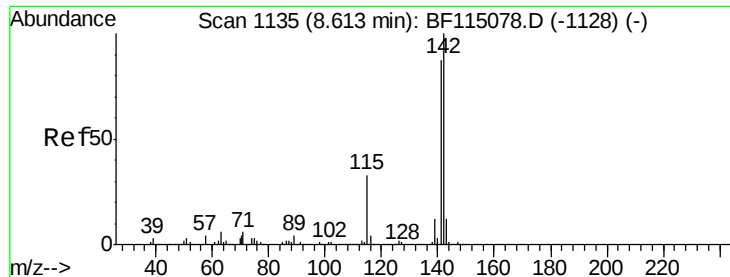
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





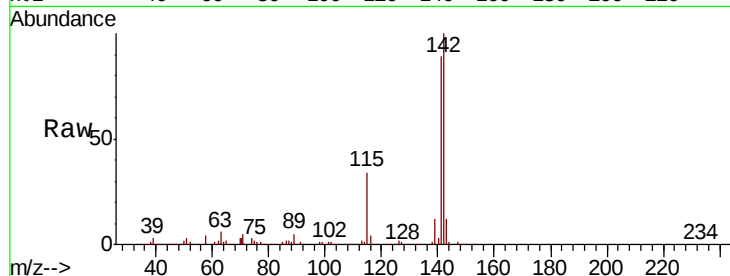
#37
2-Methylnaphthalene
Concen: 44.645 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.8	104.6
115	33.7	26.7	40.1

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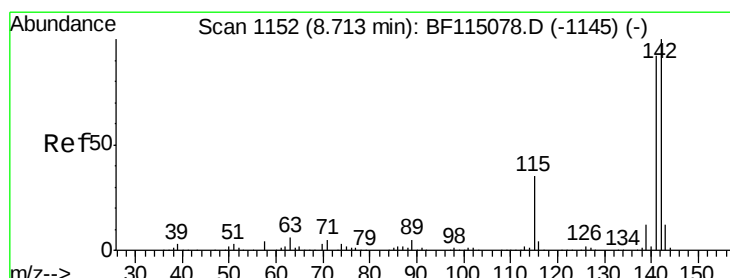
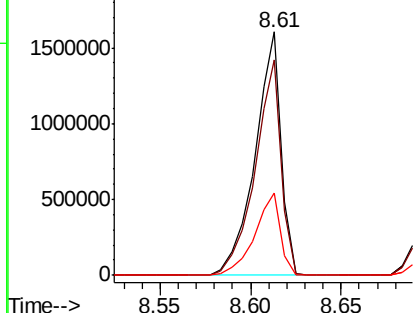
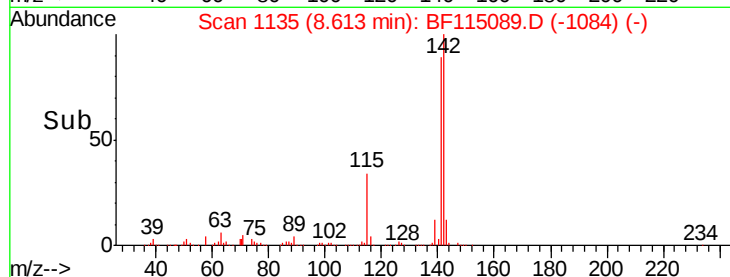


Abundance

Ion 142.00 (141.70 to 142.70): E

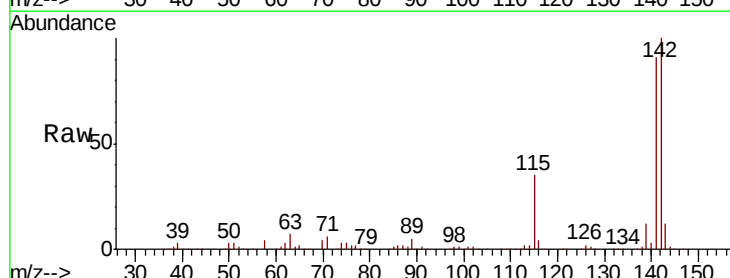
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.718 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.8	110.8
116	3.8	2.8	4.2

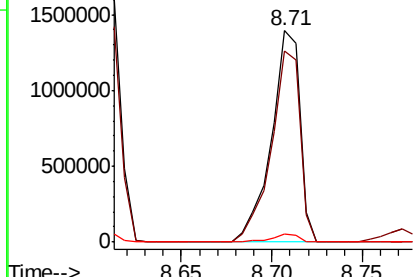
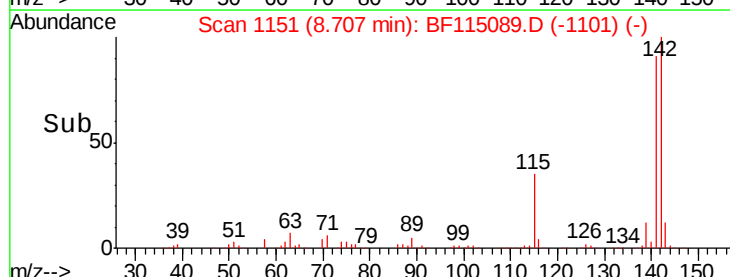


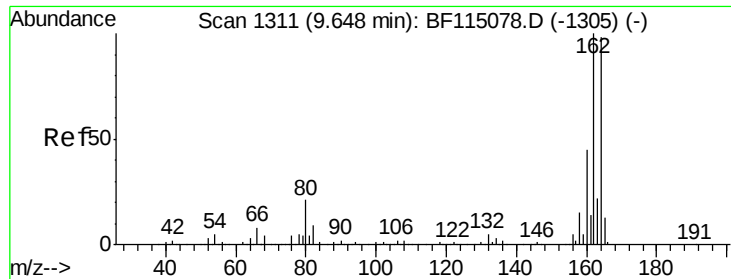
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





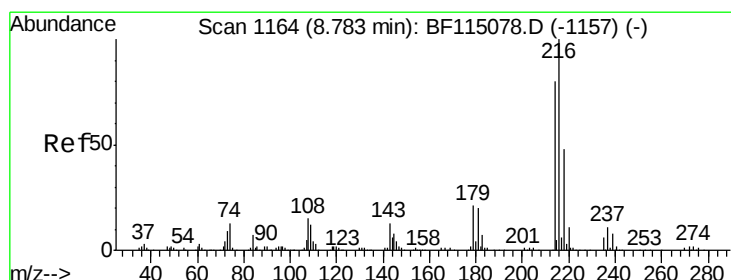
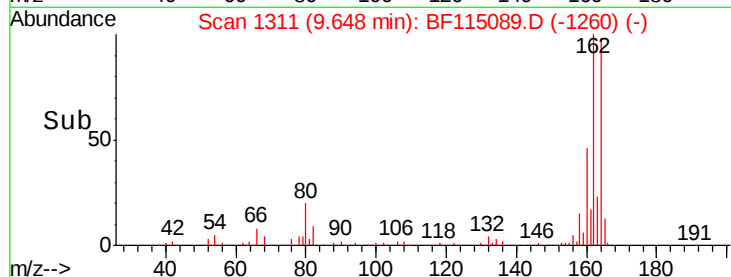
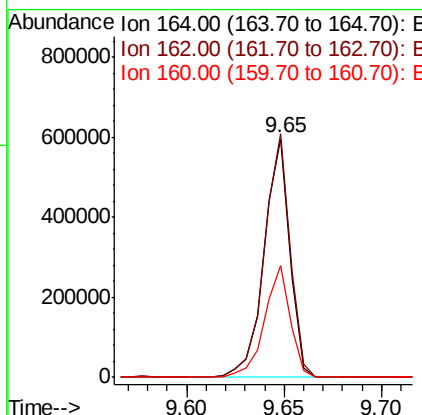
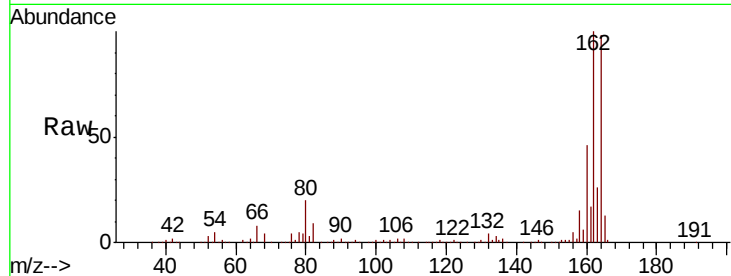
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.7	122.5
160	46.7	37.0	55.4

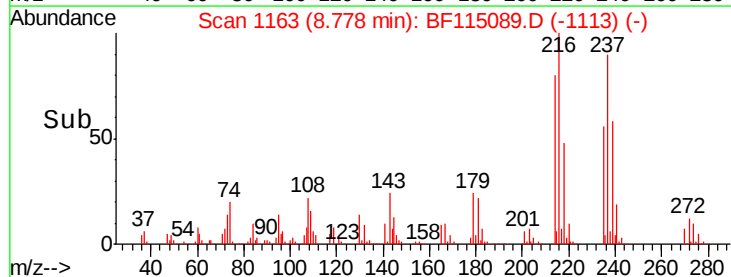
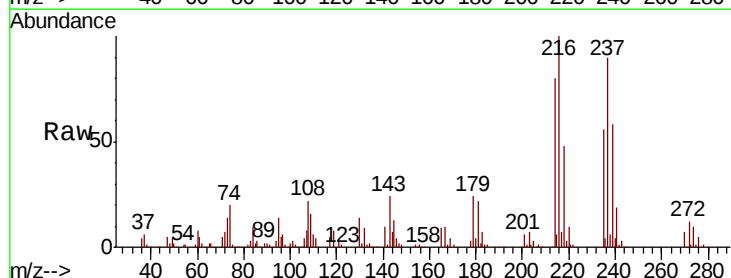
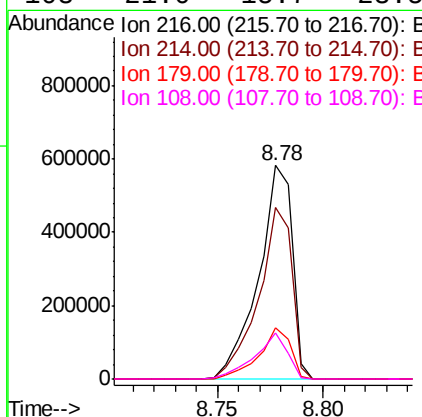
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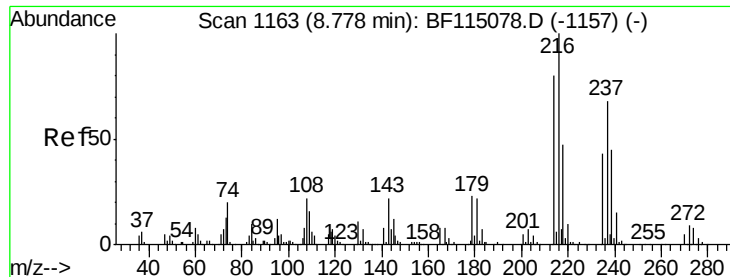
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.246 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	22.3	17.6	26.4
108	21.0	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 79.493 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

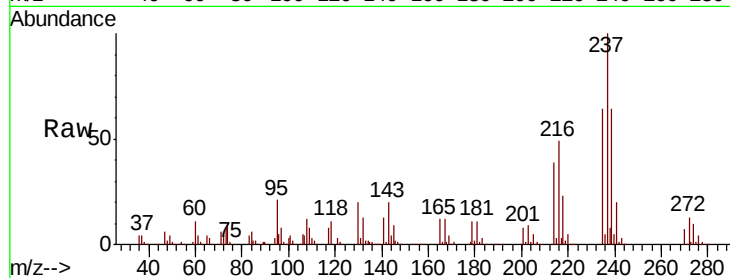
ClientSampleId :

PB120747BS

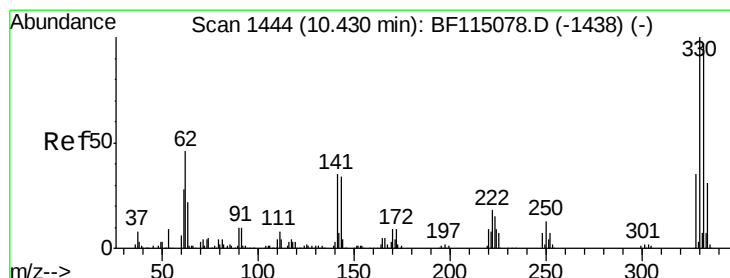
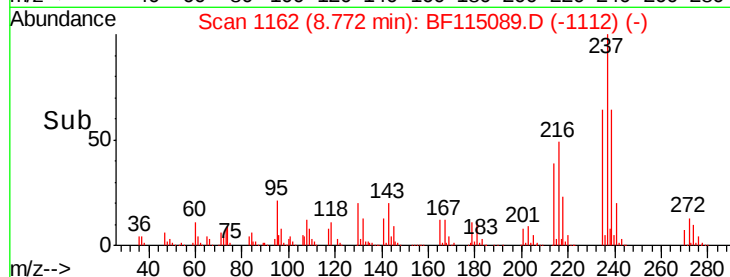
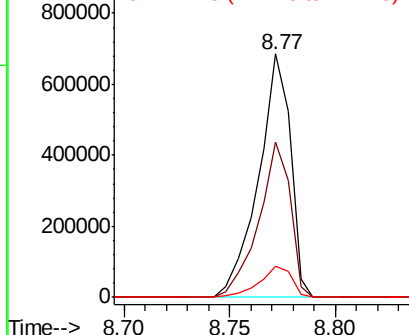
Tot Ion:	237	Resp:	722484
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.9	83.9
272	13.0	0.0	33.8

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.142 ng

RT: 10.44 min Scan# 1445

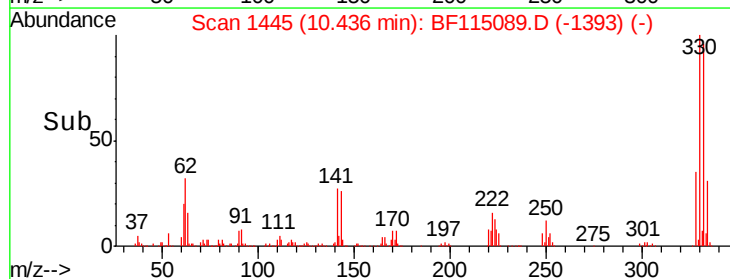
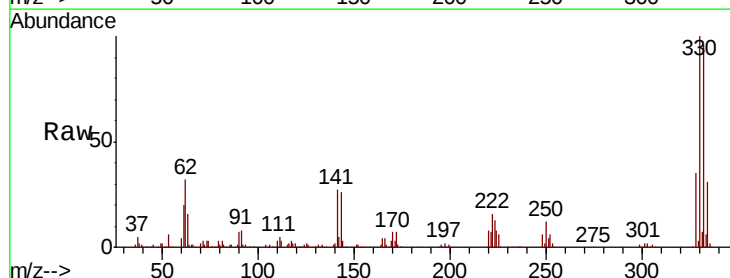
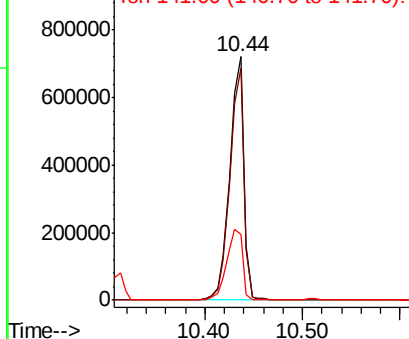
Delta R.T. 0.01 min

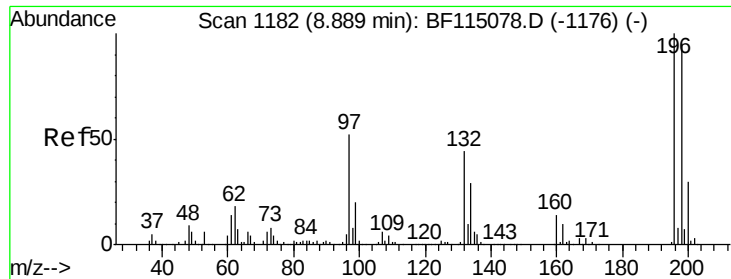
Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Tgt Ion:	330	Resp:	727236
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.3	115.9
141	32.8	28.2	42.2

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





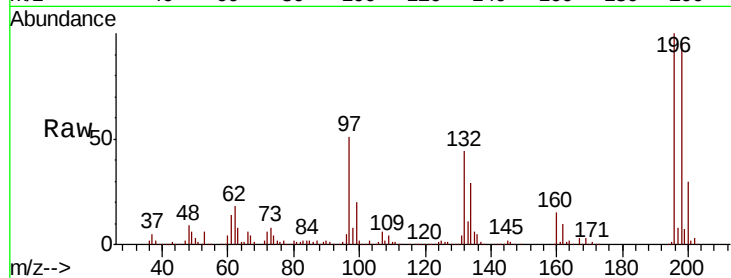
#43
 2,4,6-Trichlorophenol
 Concen: 45.798 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Instrument :
 BNA_F
 ClientSampled :
 PB120747BS

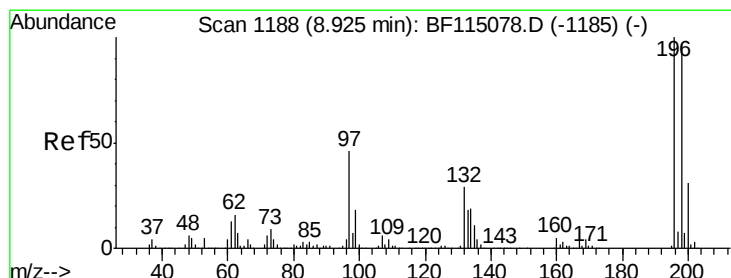
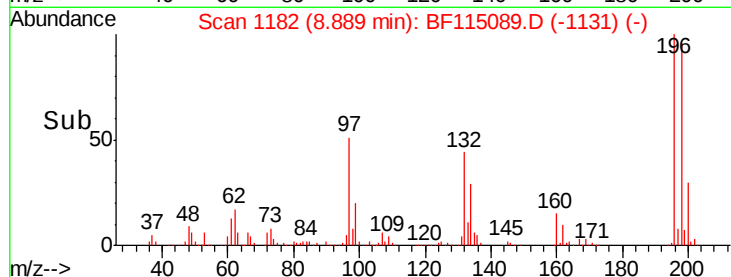
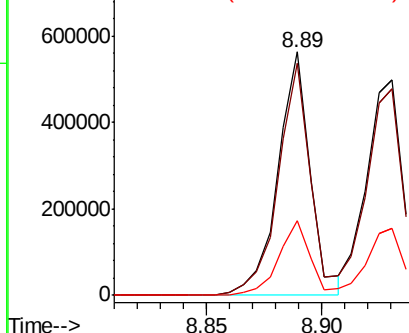
Tot Ion:	196	Resp:	541944
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.3	114.5
200	30.5	24.2	36.4

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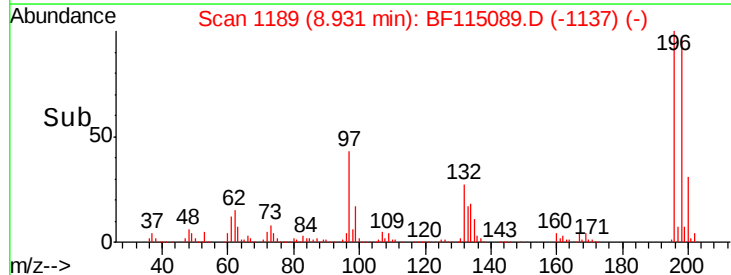
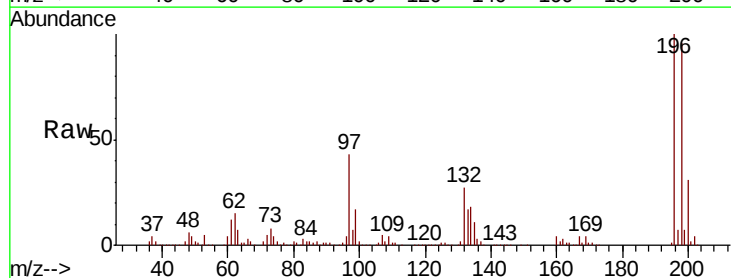
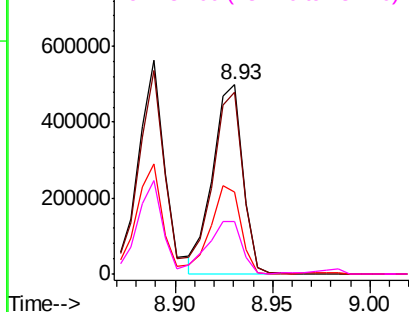
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

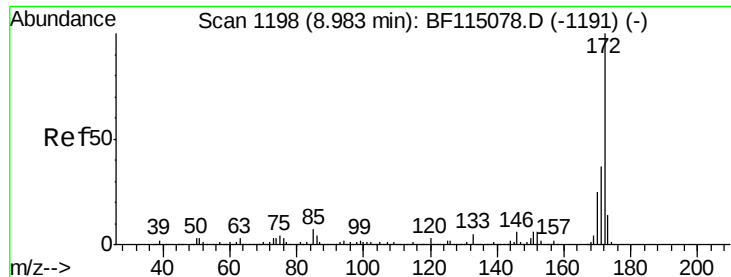


#44
 2,4,5-Trichlorophenol
 Concen: 43.843 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion:	196	Resp:	534280
Ion Ratio	Lower	Upper	
196	100		
198	95.8	77.1	115.7
97	43.2	37.7	56.5
132	27.4	23.1	34.7

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





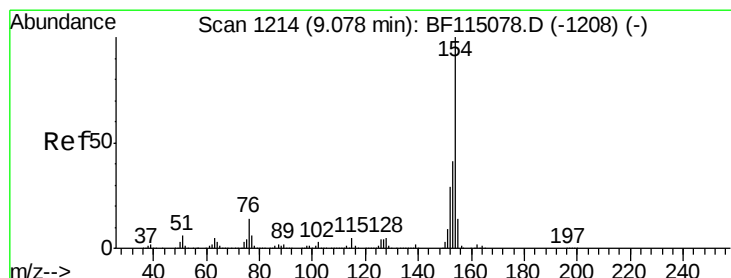
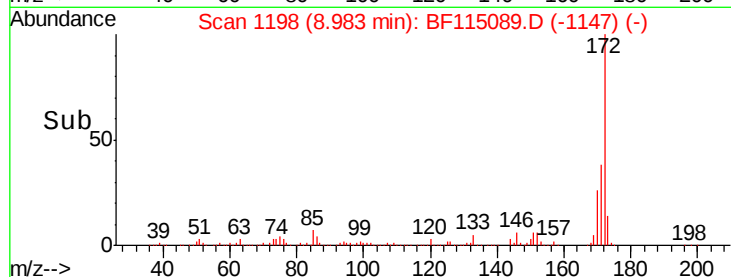
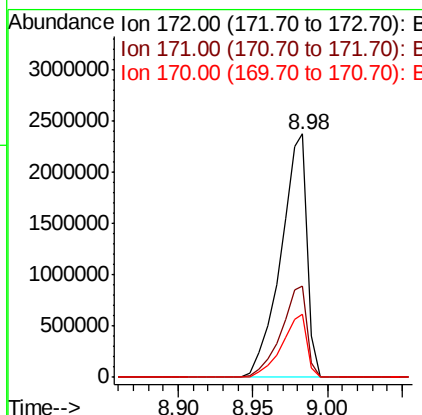
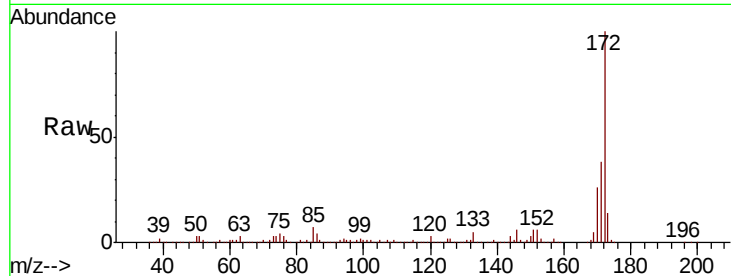
#45
2-Fluorobiphenyl
Concen: 91.518 ng
RT: 8.98 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.5	29.8	44.6	
170	26.0	20.3	30.5	

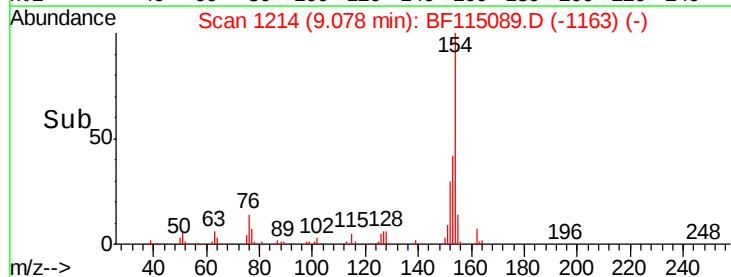
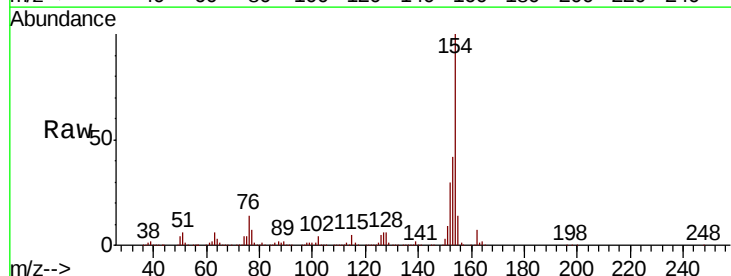
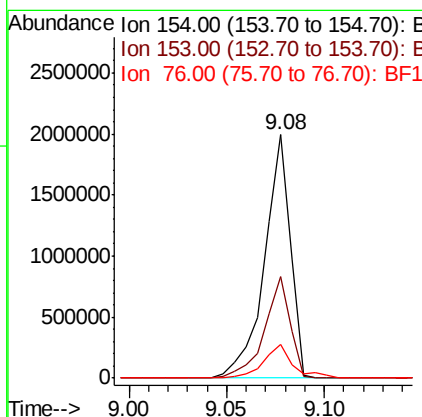
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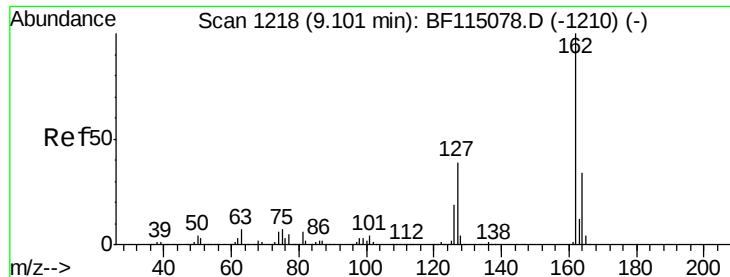
mohammad
6/25/2019 12:41:15 PM



#46
1,1'-Biphenyl
Concen: 42.285 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.9	20.9	60.9	
76	13.7	0.0	34.1	





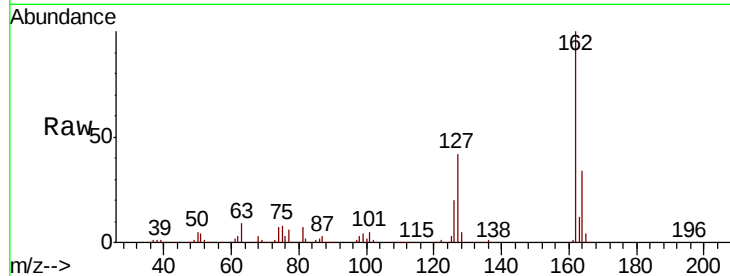
#47
2-Chloronaphthalene
Concen: 42.182 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

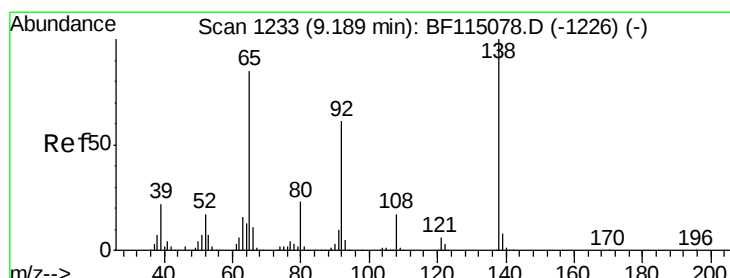
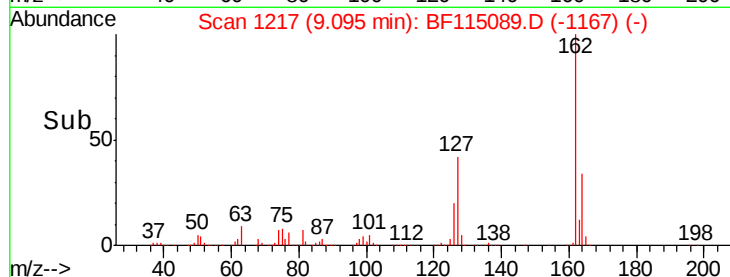
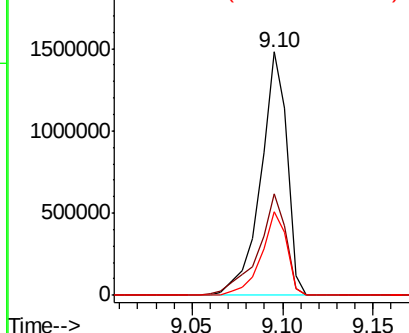
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	30.8	46.2
164	34.2	27.0	40.4

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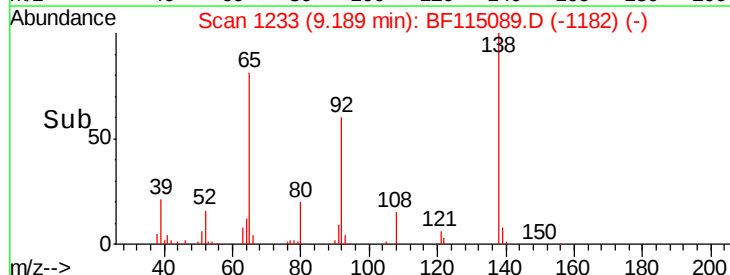
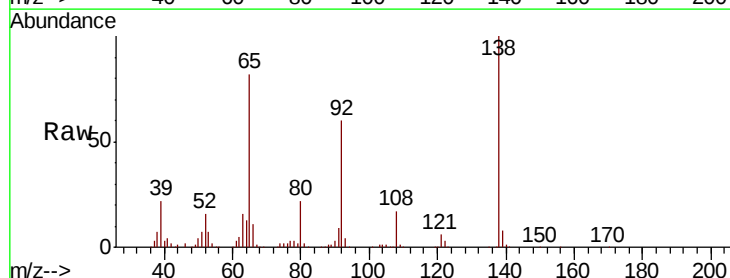
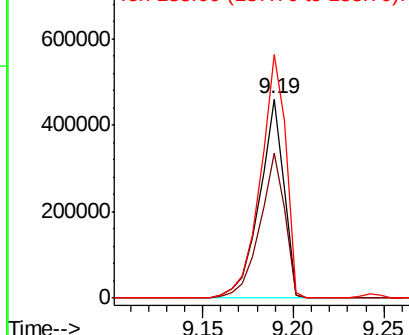
Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

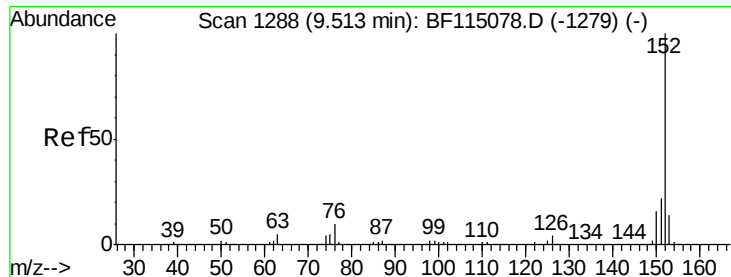


#48
2-Nitroaniline
Concen: 42.350 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	57.4	86.2
138	122.3	94.1	141.1

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





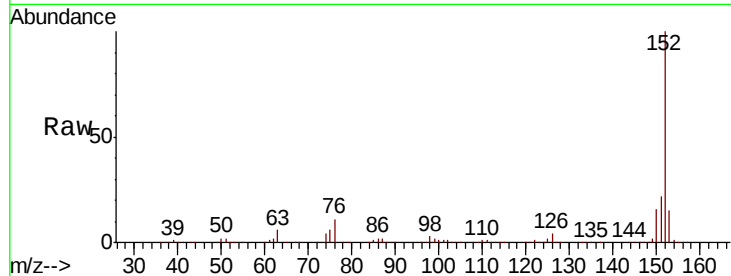
#49
Acenaphthylene
Concen: 42.323 ng
RT: 9.51 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.2	25.8
153	14.6	11.0	16.6

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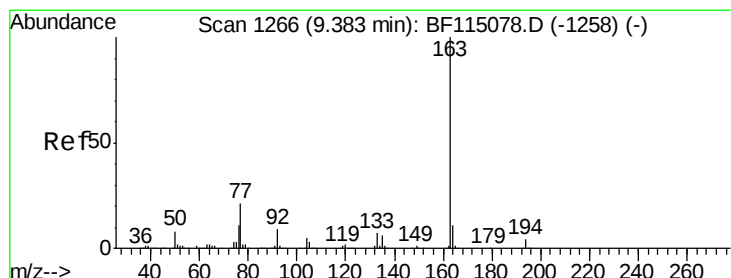
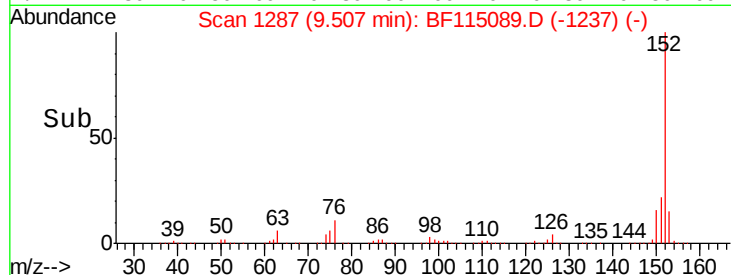
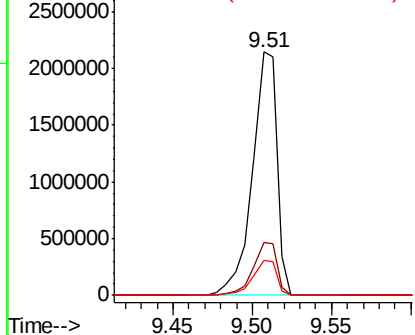


Abundance

Ion 152.00 (151.70 to 152.70): E

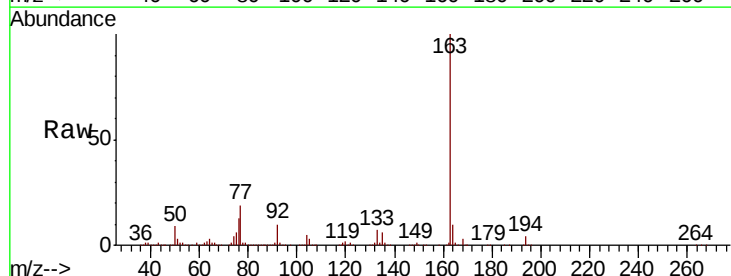
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 42.375 ng
RT: 9.39 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.4	8.6	13.0

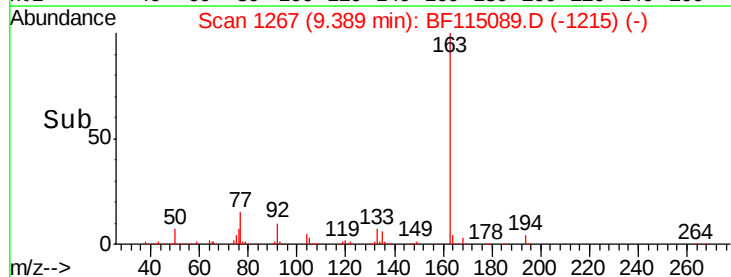
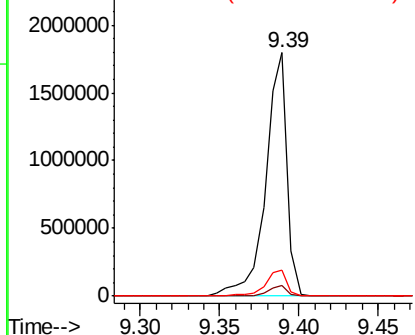


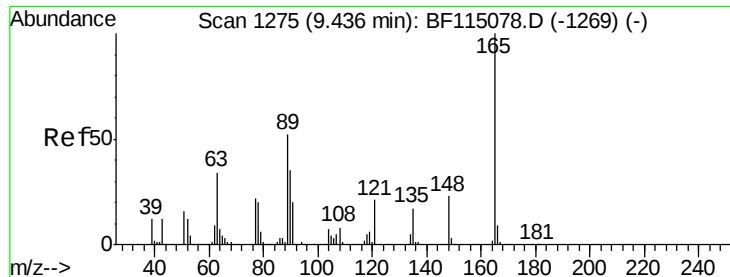
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.729 ng

RT: 9.44 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

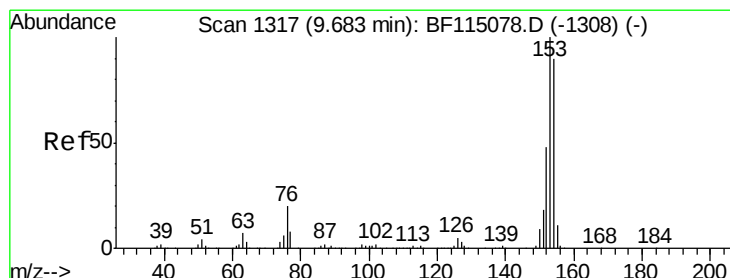
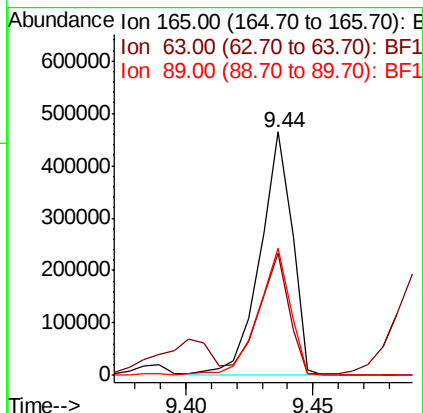
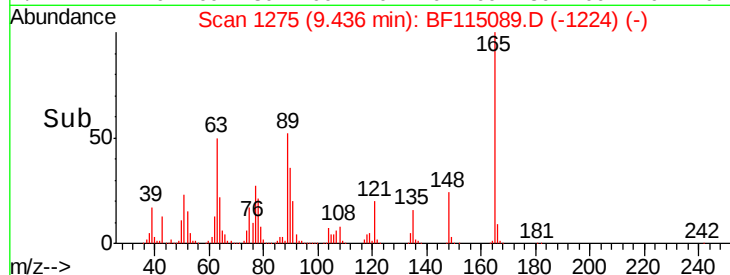
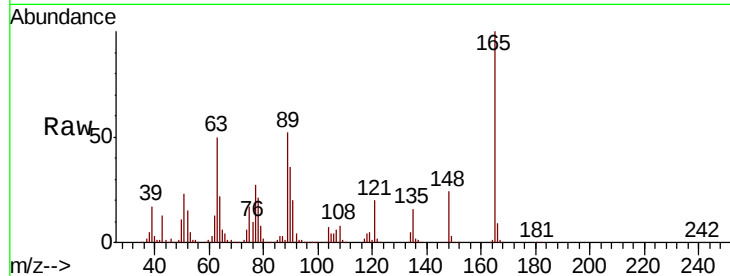
ClientSampleId :

PB120747BS

Tot Ion:	165	Resp:	412089
Ion Ratio	Lower	Upper	
165	100		
63	50.2	39.4	59.2
89	52.1	42.0	63.0

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#52

Acenaphthene

Concen: 46.434 ng

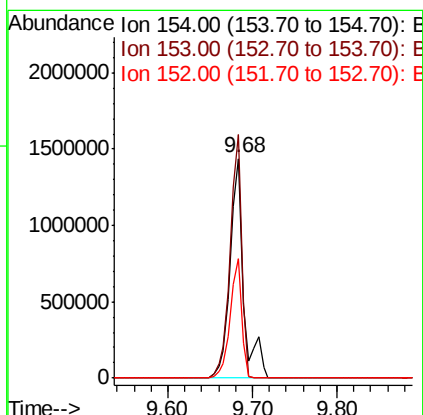
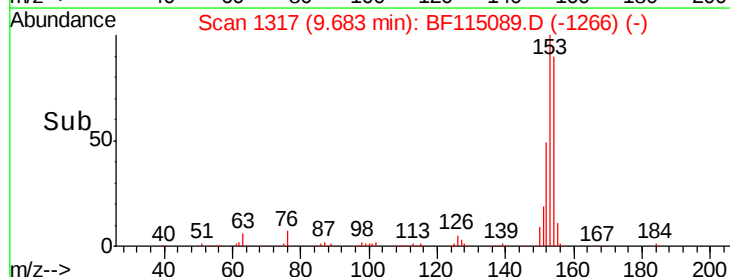
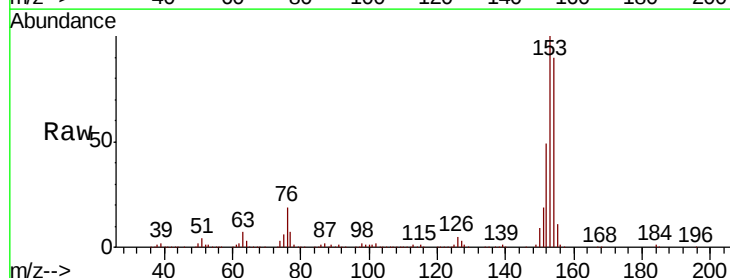
RT: 9.68 min Scan# 1317

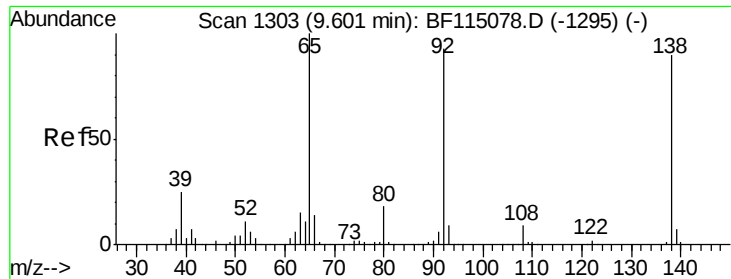
Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Tgt Ion:	154	Resp:	1593698
Ion Ratio	Lower	Upper	
154	100		
153	110.8	88.7	133.1
152	54.1	42.6	64.0





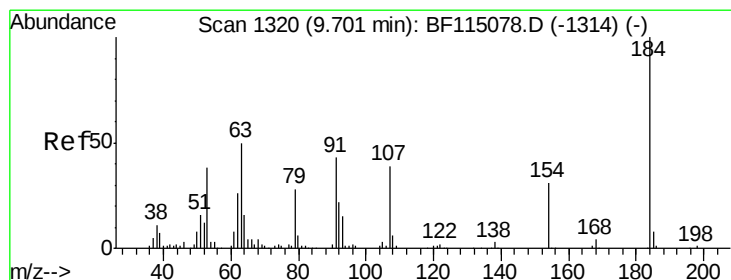
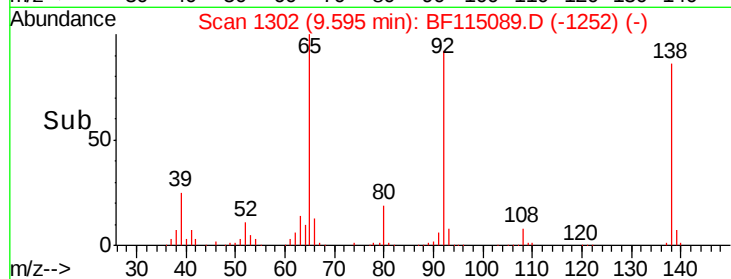
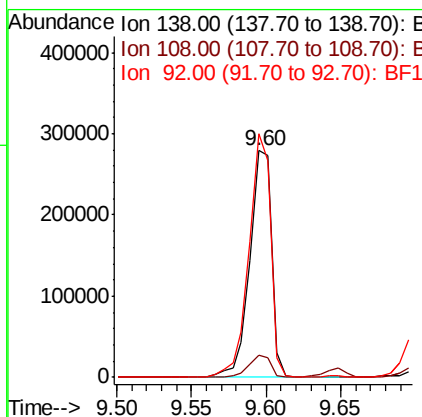
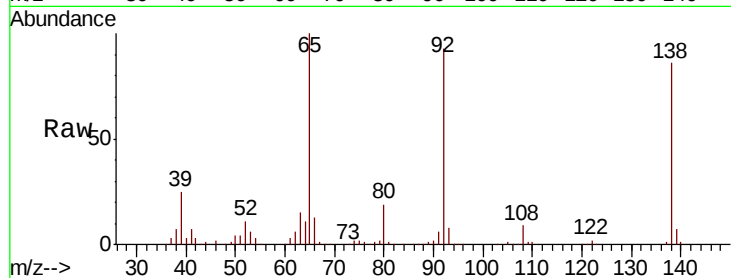
#53
3-Nitroaniline
Concen: 25.106 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.8	11.6
92	107.5	82.9	124.3

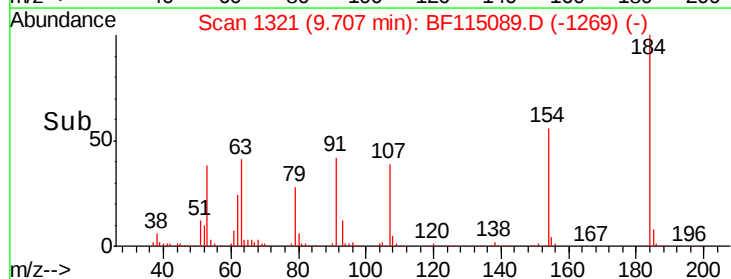
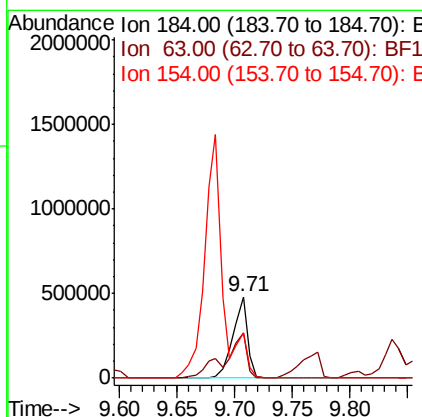
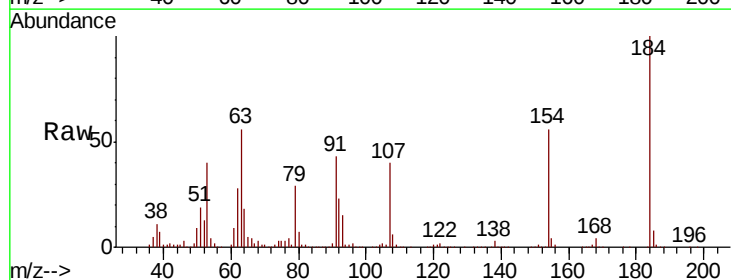
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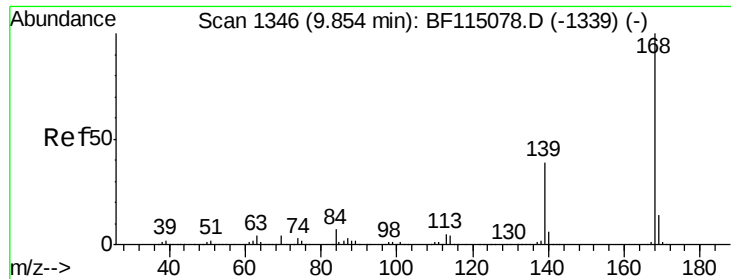
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#54
2,4-Dinitrophenol
Concen: 88.567 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.7	41.9	62.9
154	56.3	44.7	67.1





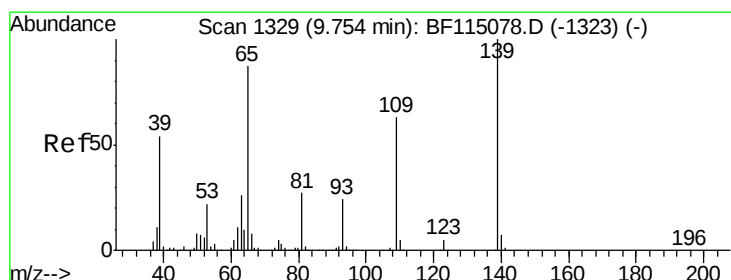
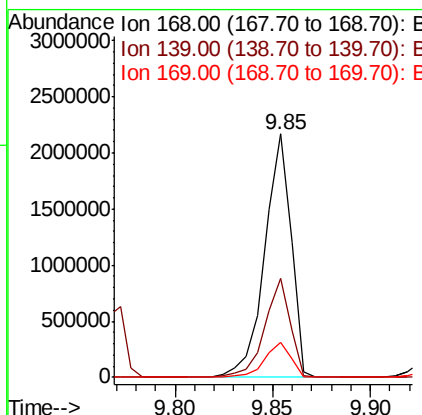
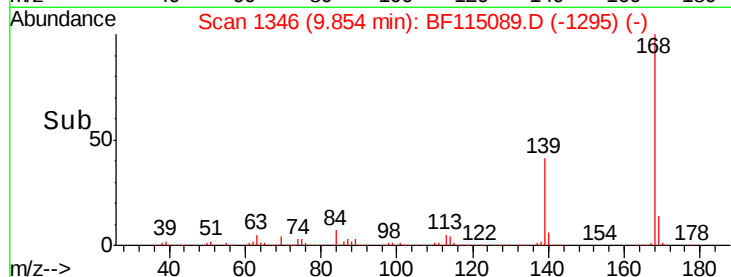
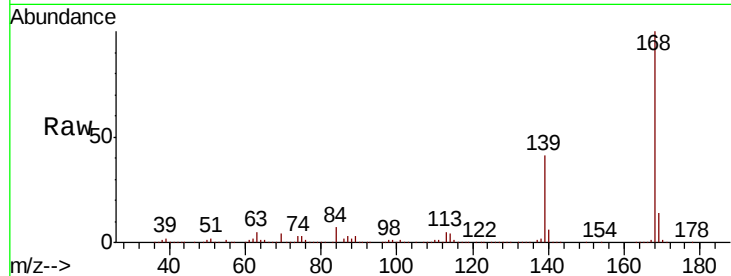
#55
Dibenzofuran
Concen: 41.254 ng
RT: 9.85 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampled :
PB120747BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	31.1	46.7
169	14.5	11.3	16.9

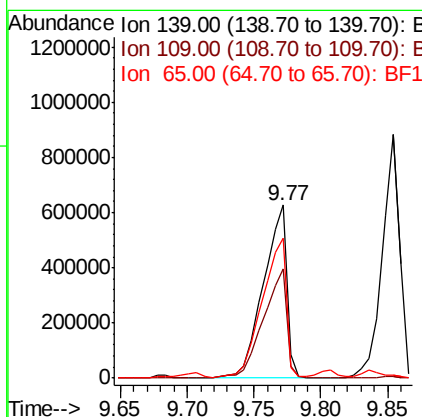
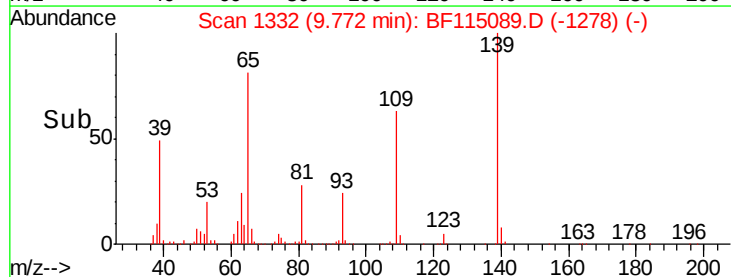
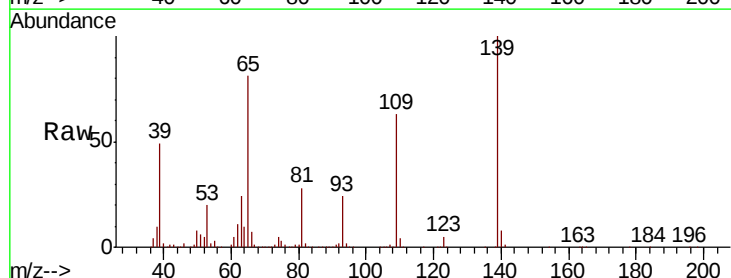
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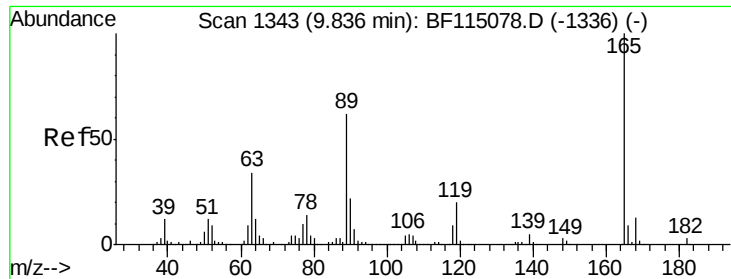
mohammad
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#56
4-Nitrophenol
Concen: 84.271 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.1	43.0	83.0
65	80.9	67.0	107.0





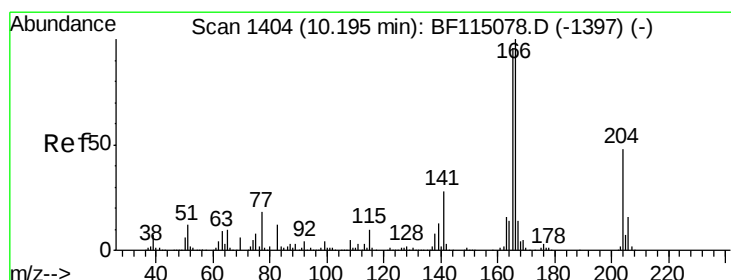
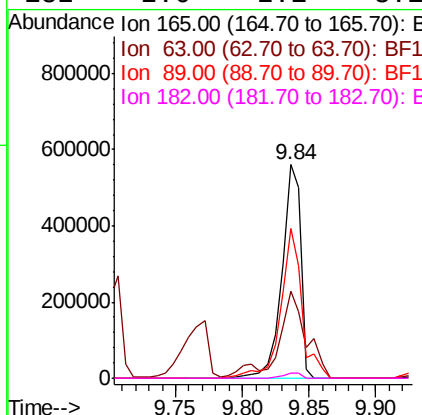
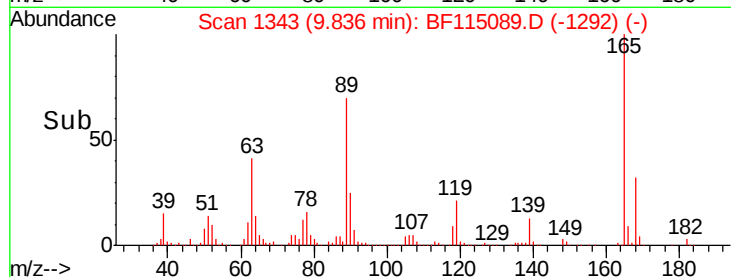
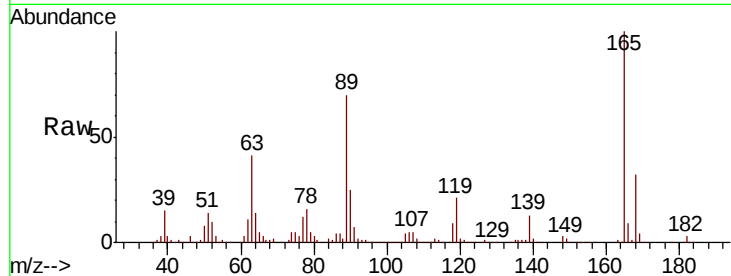
#57
 2,4-Dinitrotoluene
 Concen: 46.652 ng
 RT: 9.84 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120747BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	554972		
63	41.0	27.5	41.3	
89	70.1	49.9	74.9	
182	2.6	2.1	3.1	

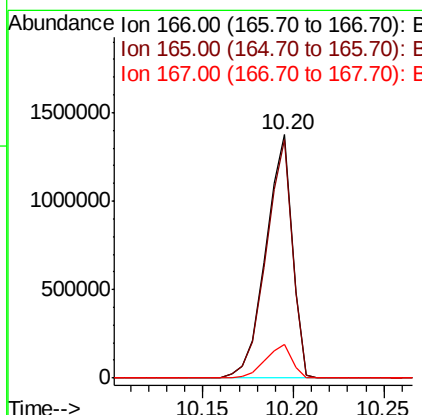
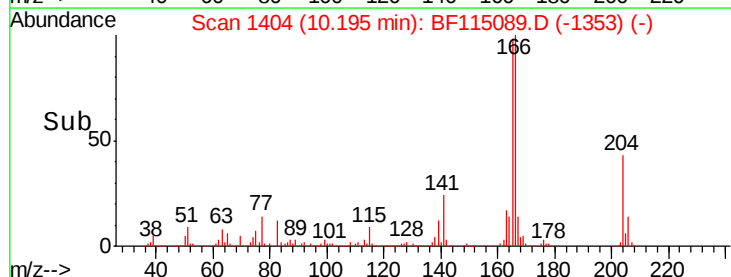
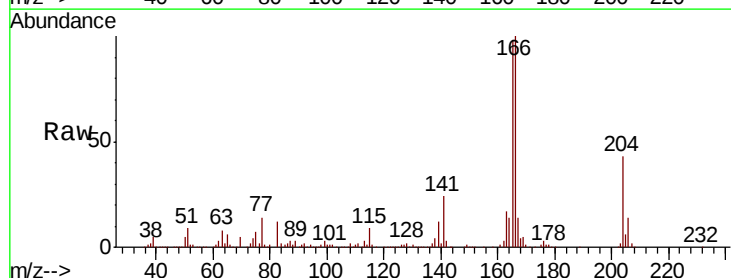
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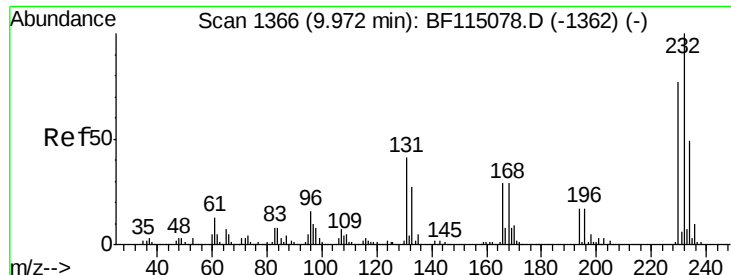
mohammad
 6/25/2019 12:41:15 PM



#58
 Fluorene
 Concen: 41.918 ng
 RT: 10.20 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1389632		
165	97.8	76.5	114.7	
167	13.6	11.0	16.4	





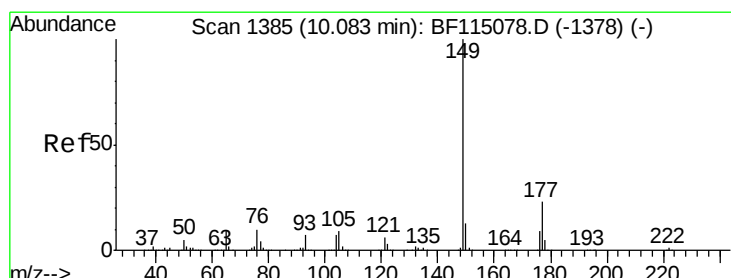
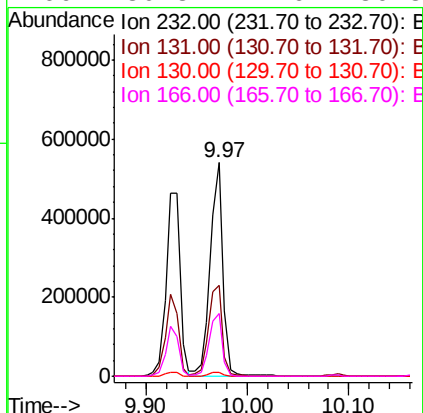
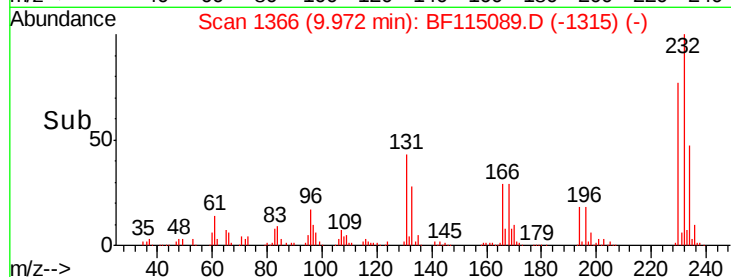
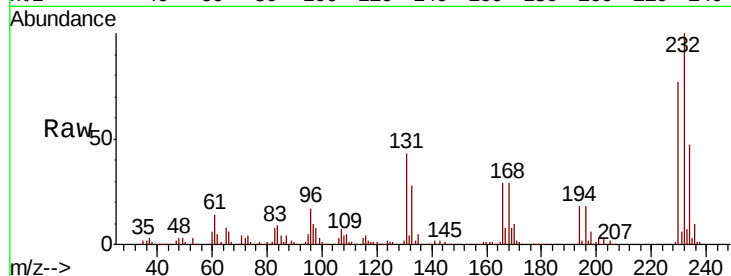
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.009 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120747BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.4	56.0
130	2.2	1.8	2.6
166	30.3	24.6	36.8

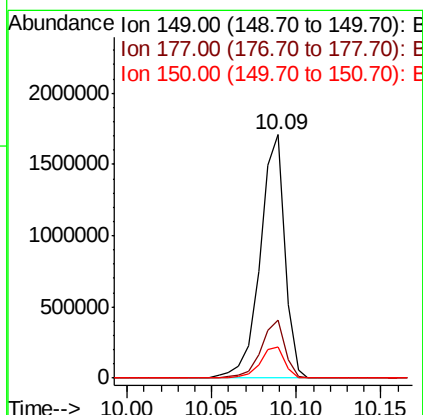
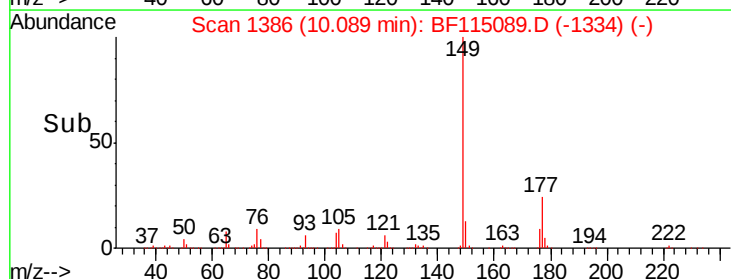
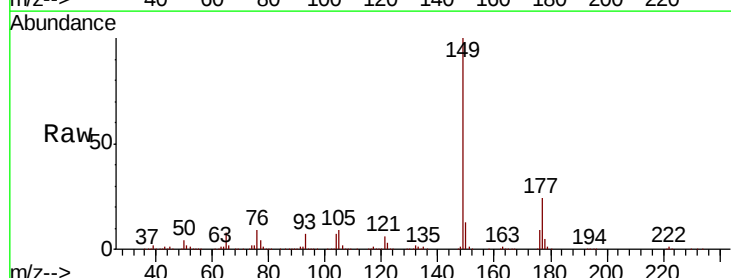
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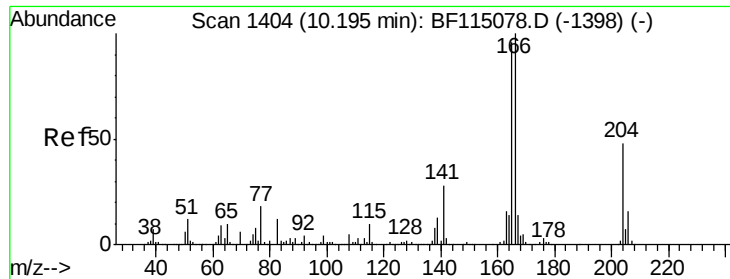
mohammad
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#60
 Diethylphthalate
 Concen: 43.172 ng
 RT: 10.09 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.7	28.1
150	13.0	10.4	15.6





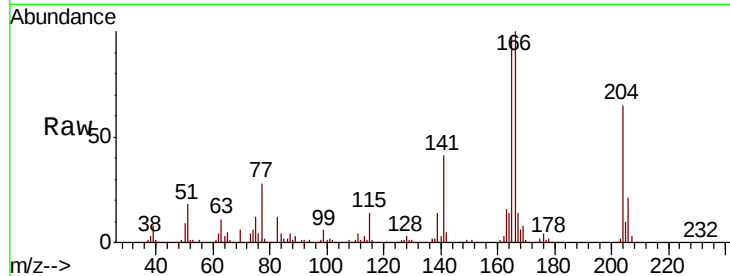
#61
4-Chlorophenyl-phenylether
Concen: 42.776 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	40.0
141	63.7	46.7	70.1

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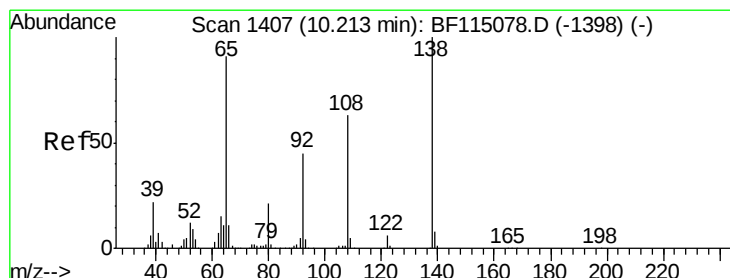
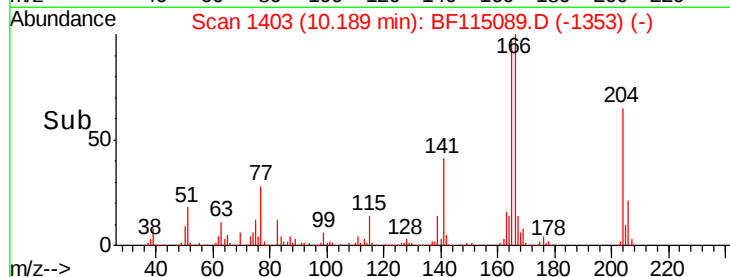
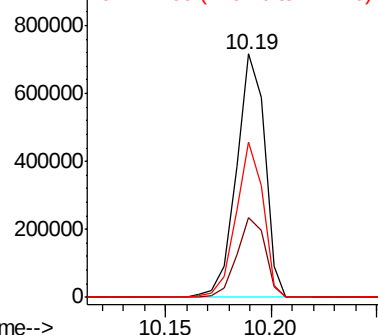


Abundance

Ion 204.00 (203.70 to 204.70): E

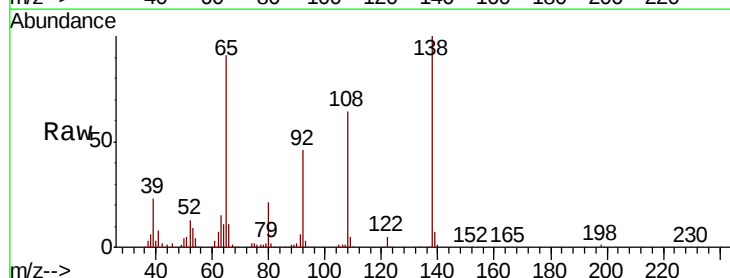
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.649 ng
RT: 10.22 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.5	24.8	64.8
108	63.8	43.3	83.3

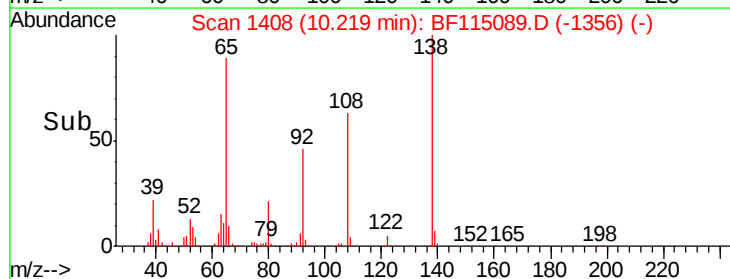
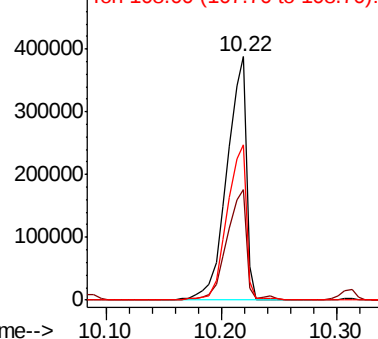


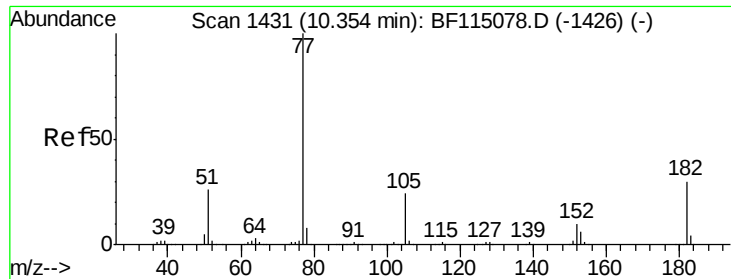
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





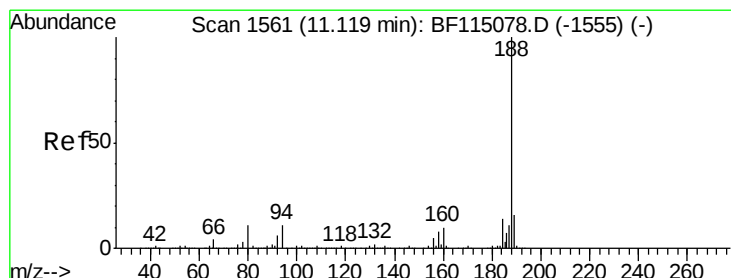
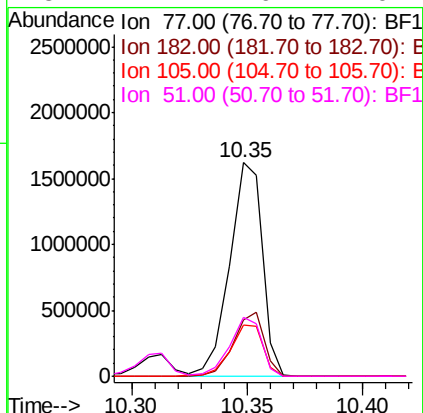
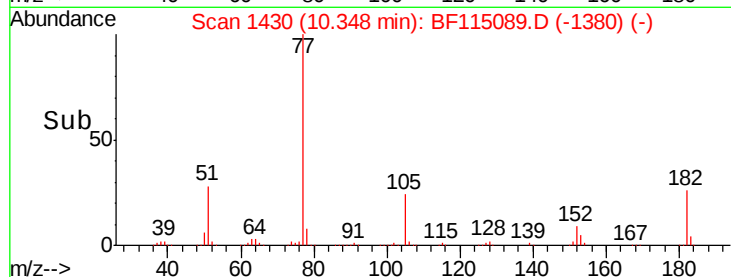
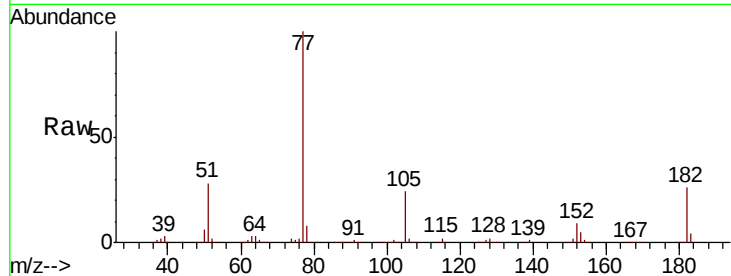
#63
Azobenzene
Concen: 42.670 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.2	10.1	50.1
105	23.9	4.5	44.5
51	27.7	6.4	46.4

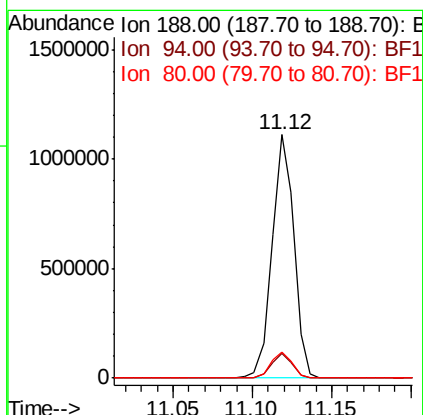
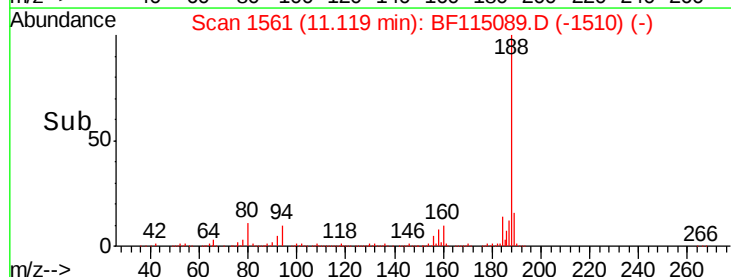
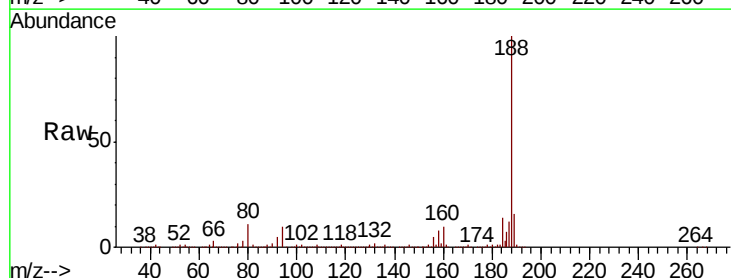
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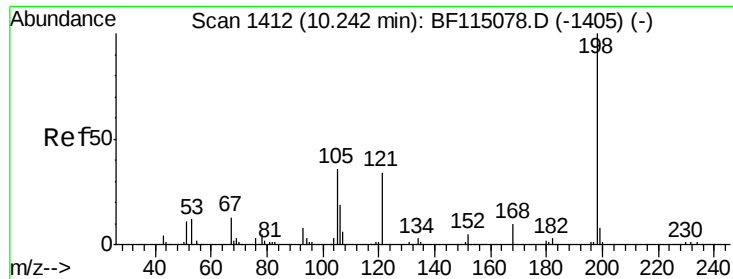
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.6	12.8
80	10.8	8.8	13.2





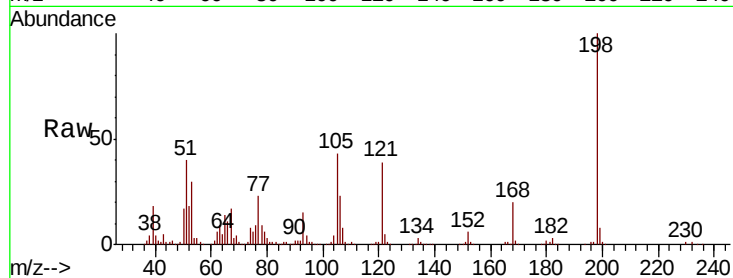
#65
4,6-Dinitro-2-methylphenol
Concen: 46.048 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.9	11.0	51.0
105	43.3	17.3	57.3

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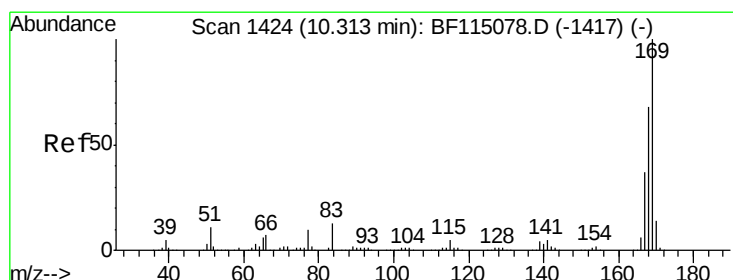
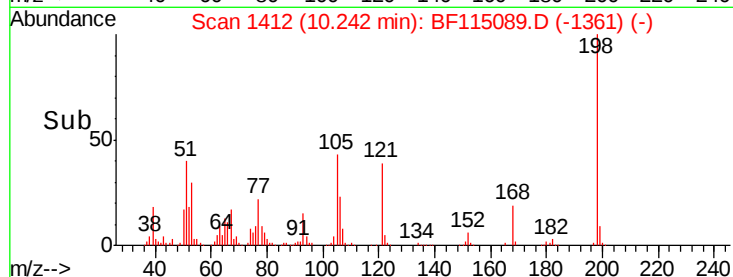
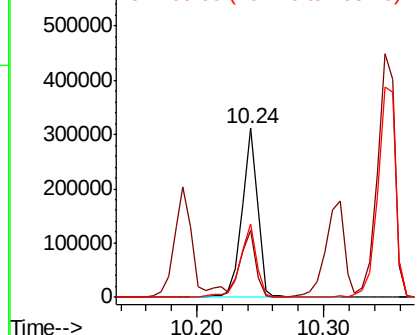


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 42.715 ng
RT: 10.31 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

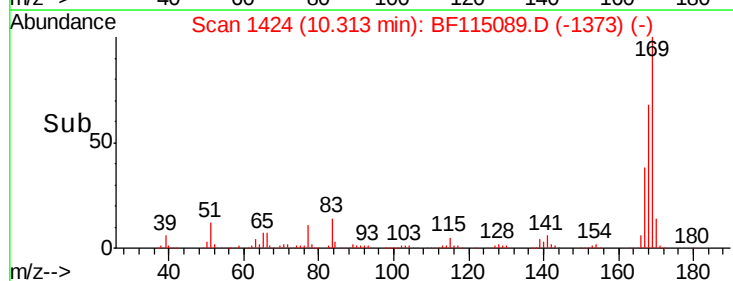
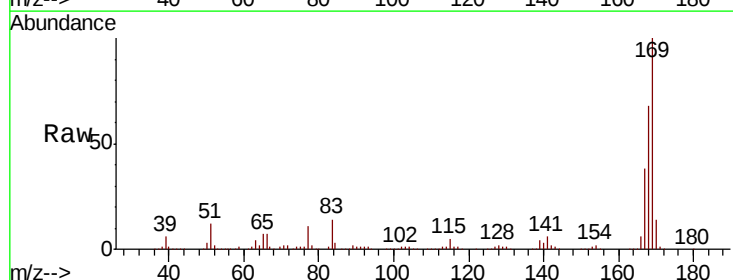
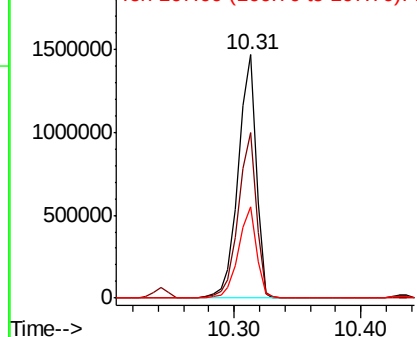
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.2	81.4
167	37.6	29.4	44.0

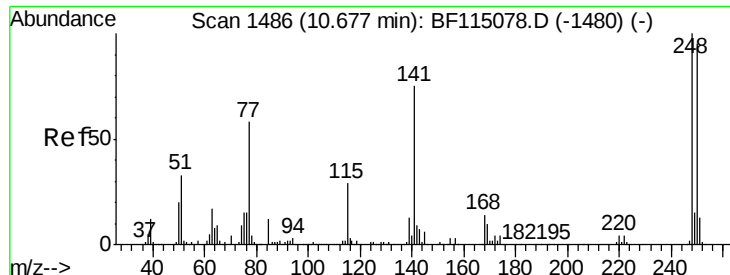
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





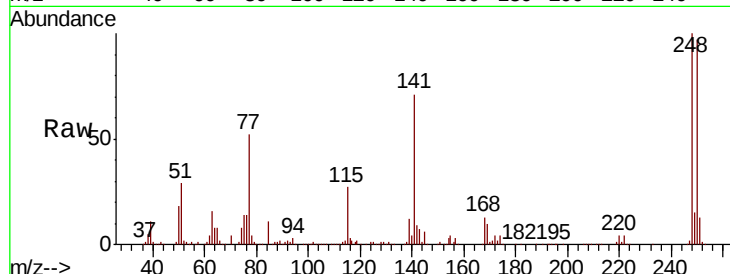
#67
4-Bromophenyl-phenylether
Concen: 42.315 ng
RT: 10.68 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

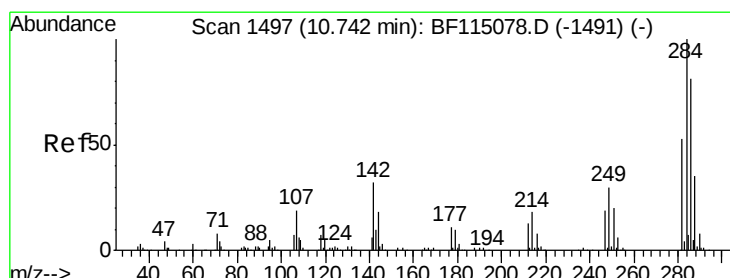
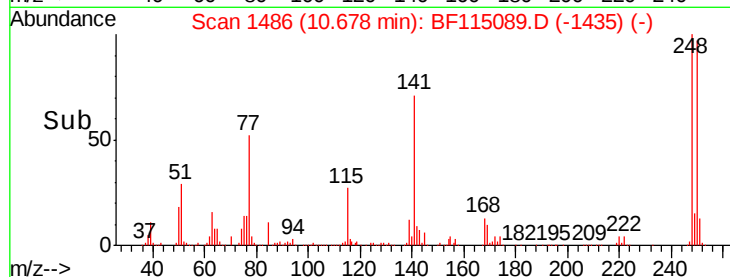
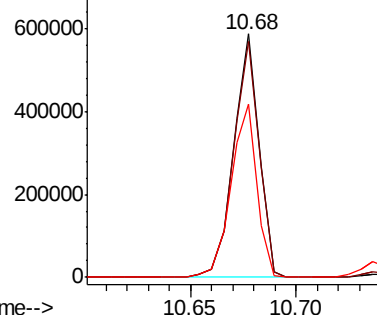
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.2	114.2
141	71.0	59.6	89.4

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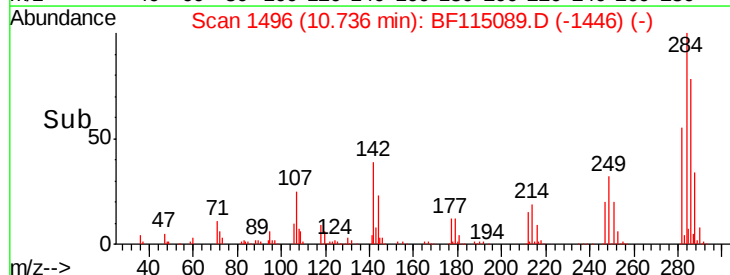
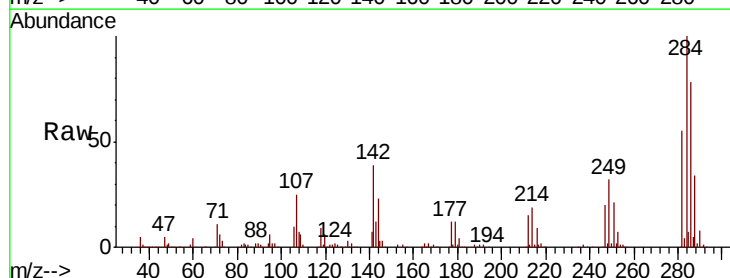
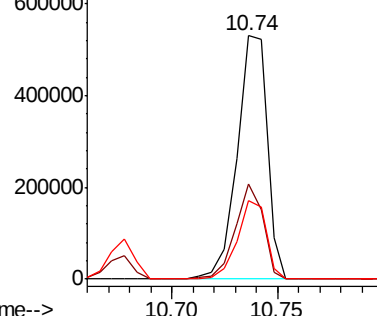
Abundance Ion 248.00 (247.70 to 248.70): E
800000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

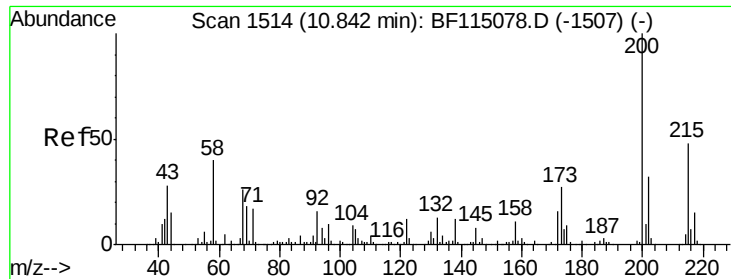


#68
Hexachlorobenzene
Concen: 41.804 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.2	25.8	38.8#
249	32.3	24.2	36.4

Abundance Ion 283.80 (283.50 to 284.50): E
600000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





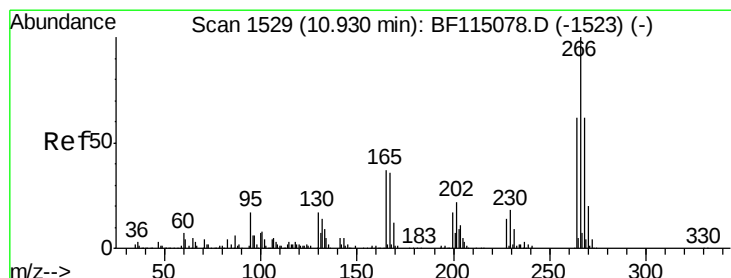
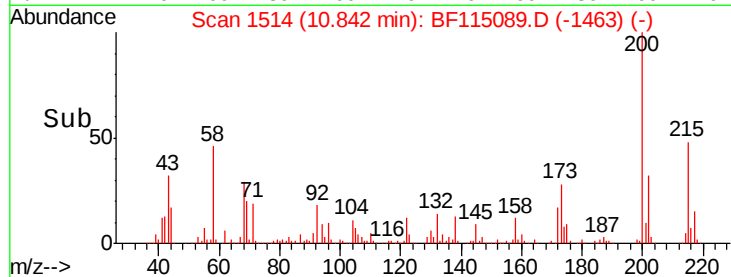
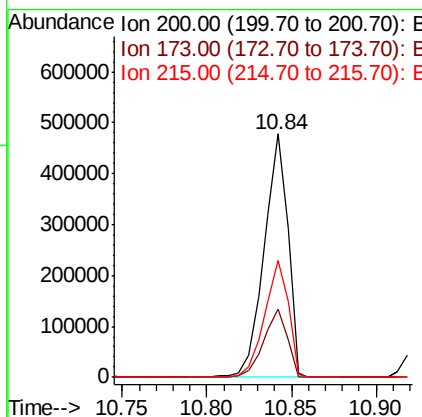
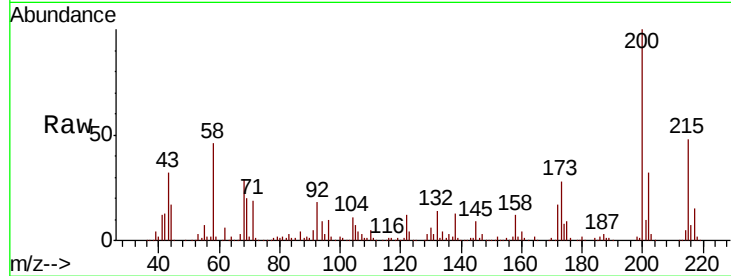
#69
Atrazine
Concen: 43.263 ng
RT: 10.84 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	7.4	47.4
215	48.0	27.8	67.8

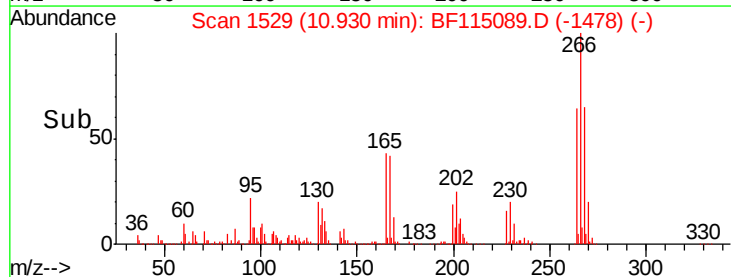
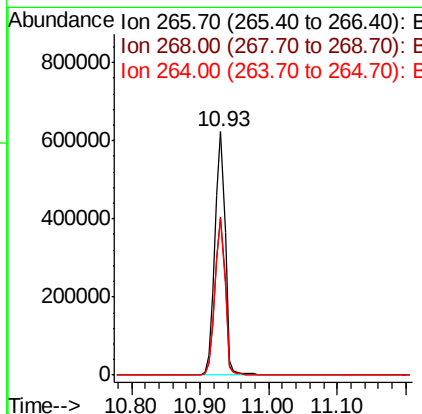
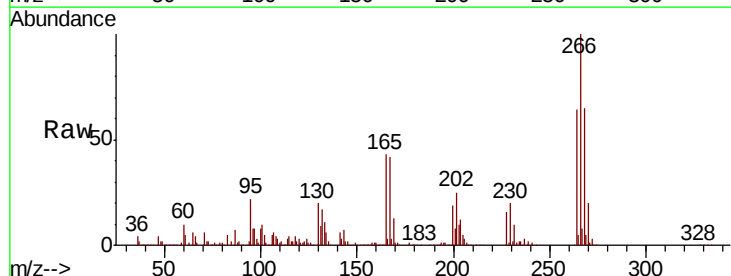
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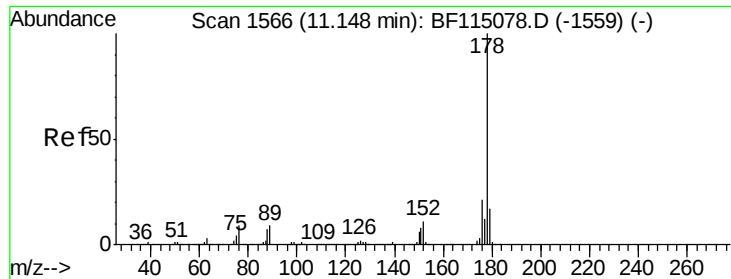
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#70
Pentachlorophenol
Concen: 79.559 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	49.5	74.3
264	64.1	49.3	73.9





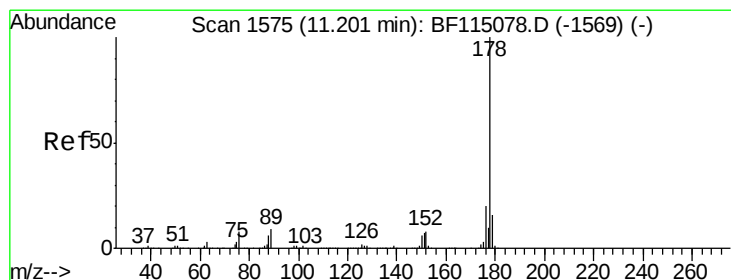
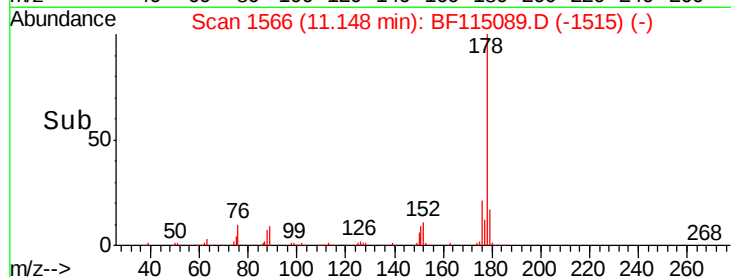
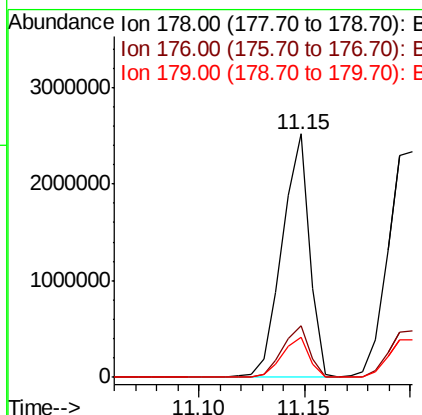
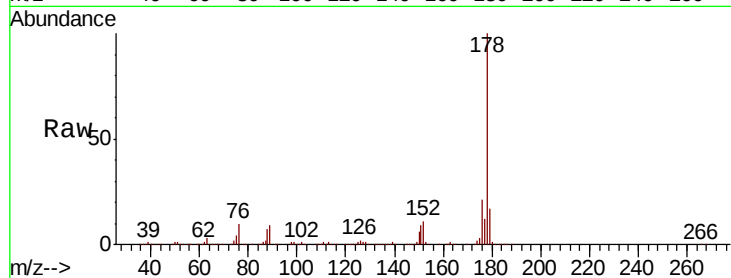
#71
Phenanthrene
Concen: 39.642 ng
RT: 11.15 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion:178 Resp: 2287264
Ion Ratio Lower Upper
178 100
176 21.3 16.9 25.3
179 16.7 13.2 19.8

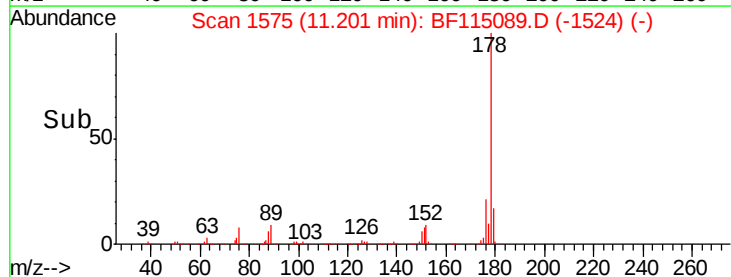
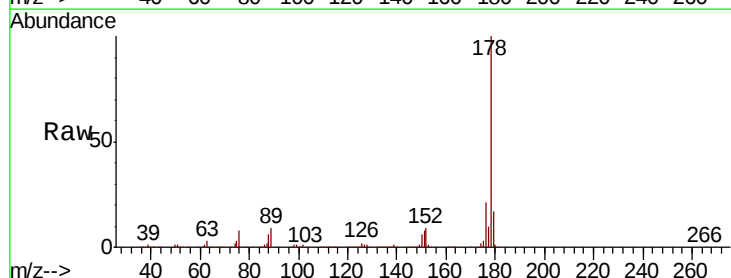
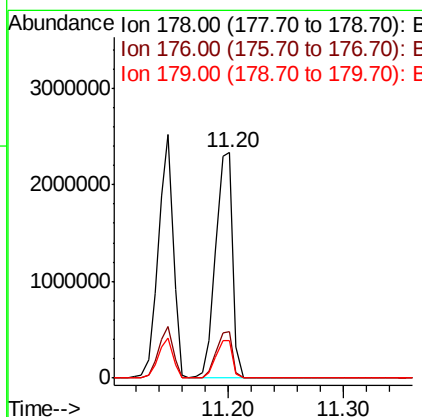
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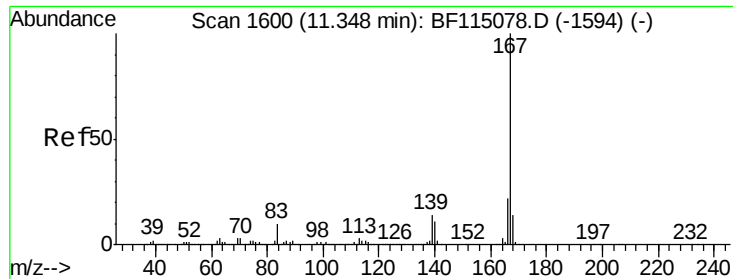
mohammad
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#72
Anthracene
Concen: 40.949 ng
RT: 11.20 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:178 Resp: 2384925
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.5 12.9 19.3





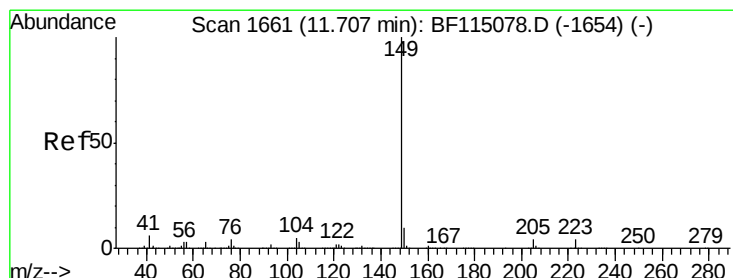
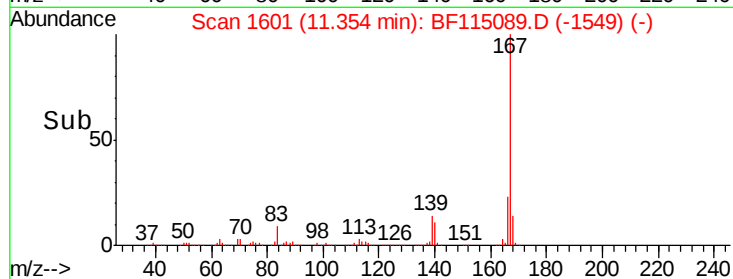
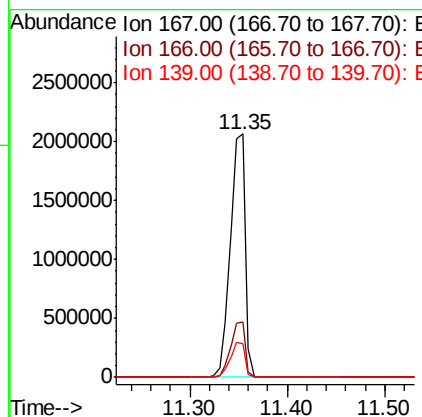
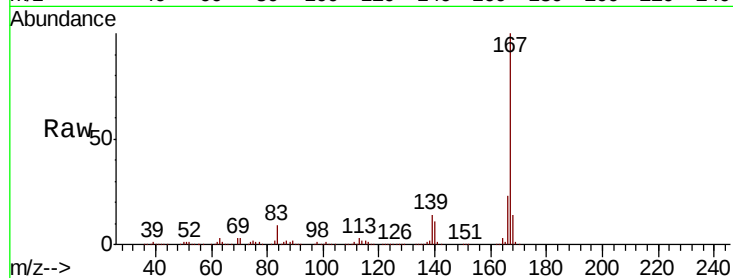
#73
 Carbazole
 Concen: 41.959 ng
 RT: 11.35 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120747BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.0	27.0
139	14.1	11.1	16.7

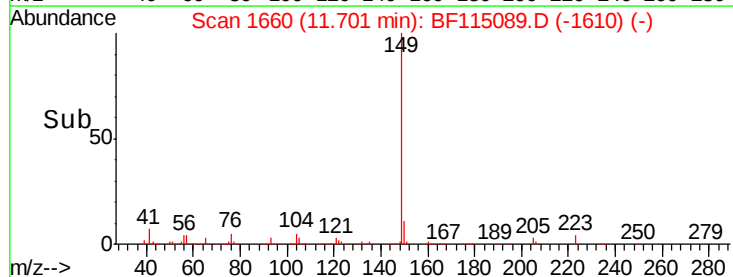
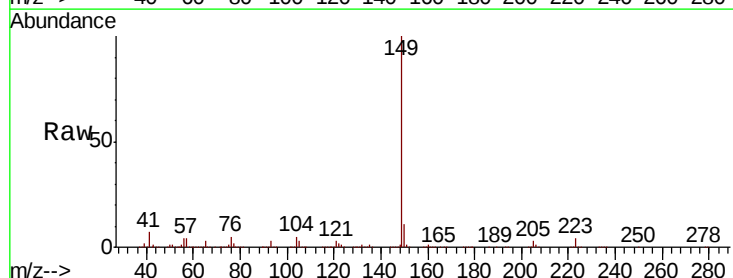
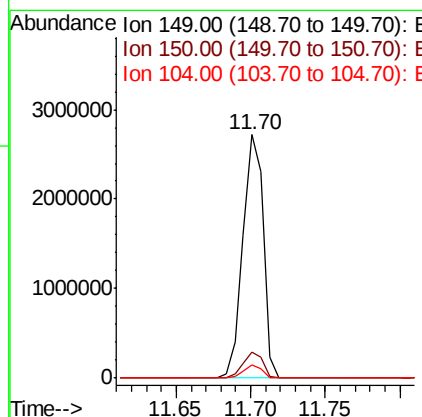
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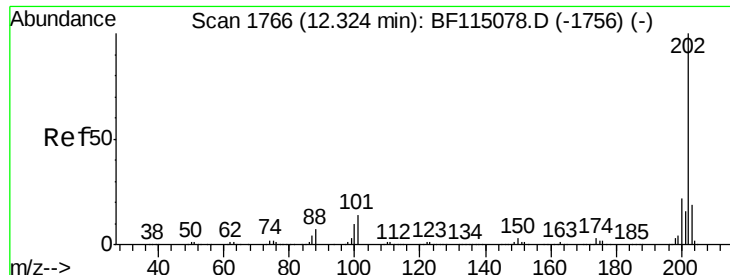
mohammad
 6/25/2019 12:41:15 PM



#74
 Di-n-butylphthalate
 Concen: 43.038 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.8	11.8
104	5.3	3.7	5.5





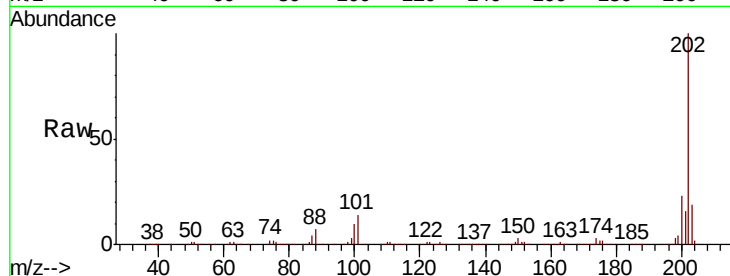
#75
 Fluoranthene
 Concen: 41.815 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120747BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.0
203	18.9	0.0	38.8

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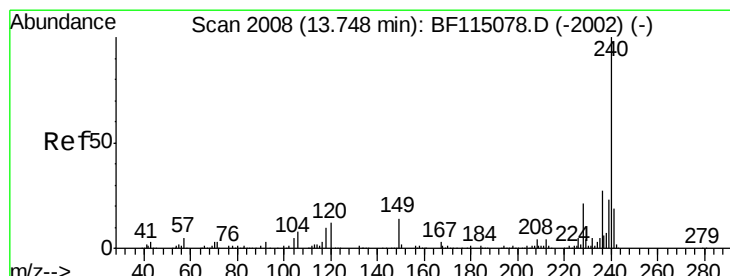
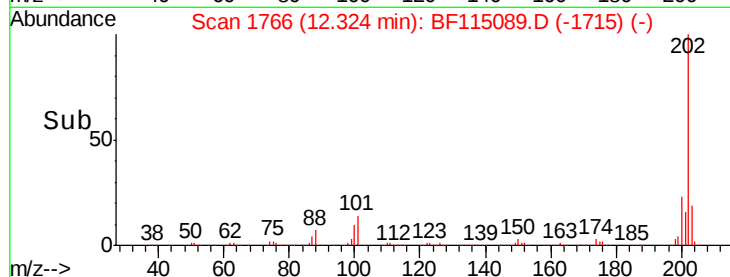
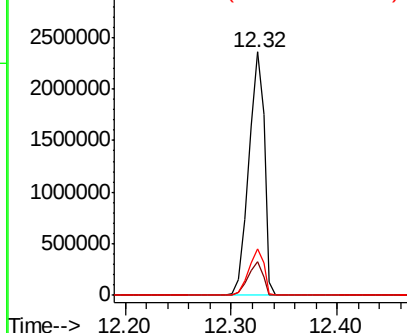


Abundance

Ion 202.00 (201.70 to 202.70): E

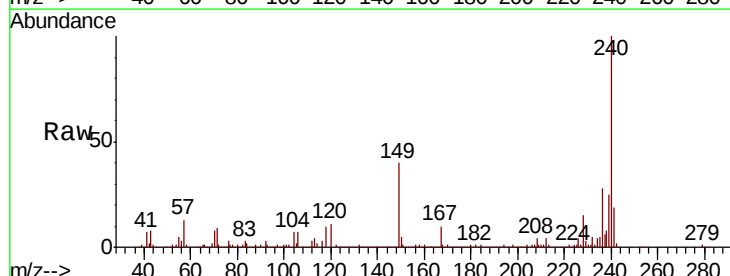
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.4	14.2
236	27.6	21.7	32.5

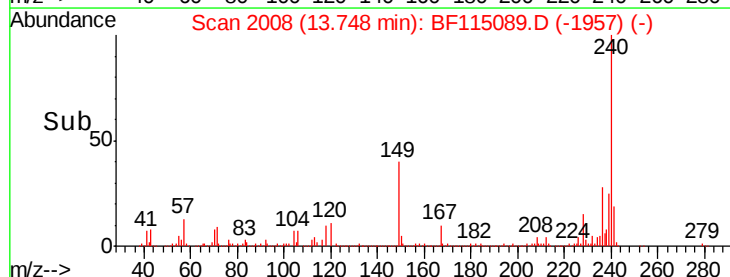
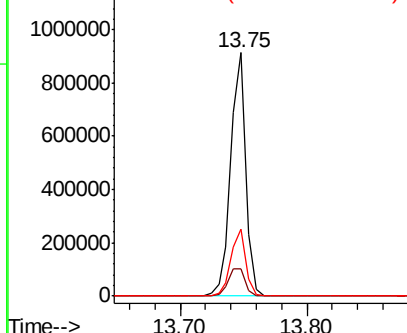


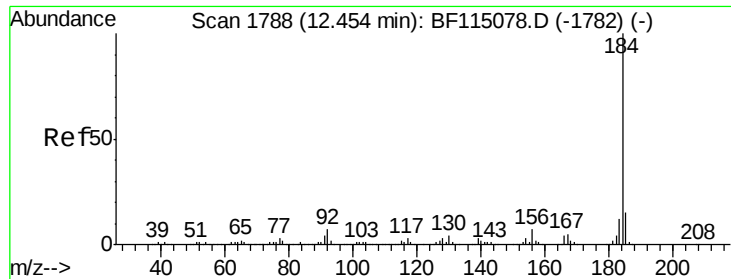
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.314 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

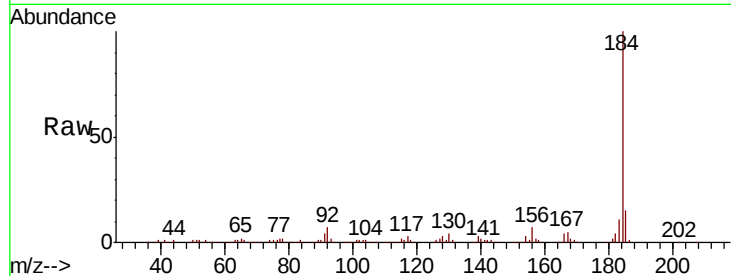
ClientSampleId :

PB120747BS

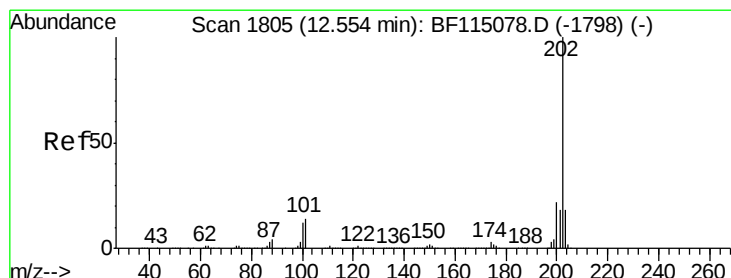
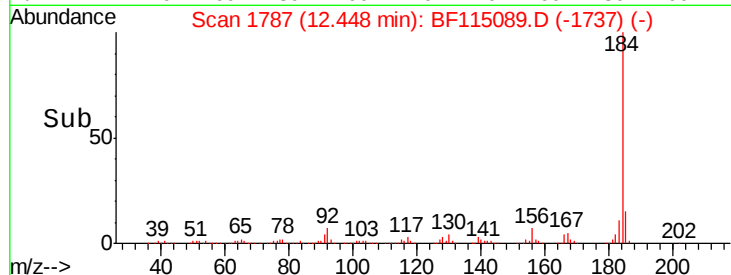
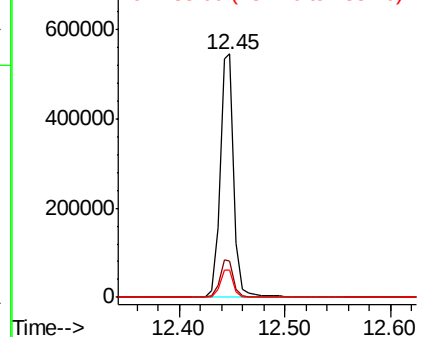
Tot Ion:	184	Resp:	506235
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.2
183	11.4	9.6	14.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.504 ng

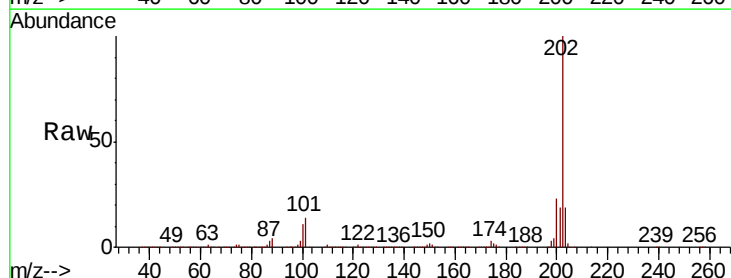
RT: 12.55 min Scan# 1805

Delta R.T. 0.00 min

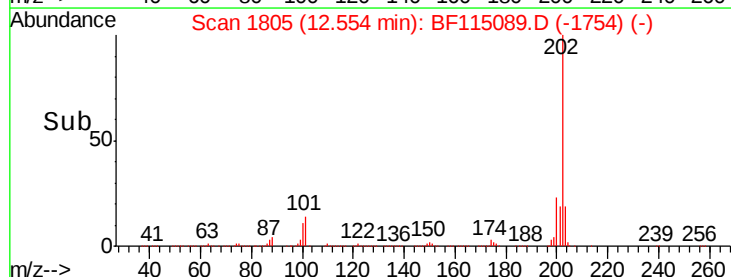
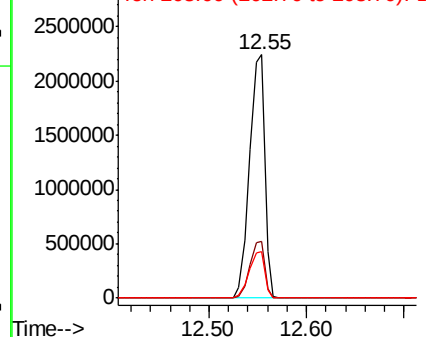
Lab File: BF115089.D

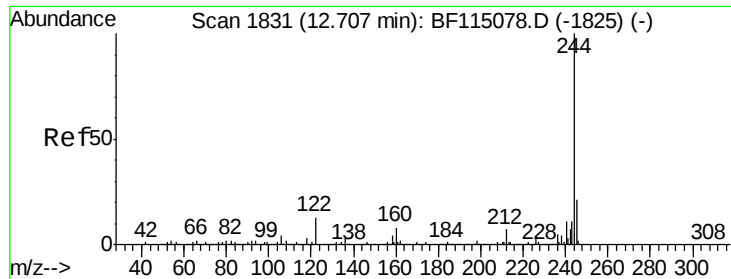
Acq: 21 Jun 2019 20:31

Tgt Ion:	202	Resp:	2431773
Ion Ratio	Lower	Upper	
202	100		
200	23.3	17.9	26.9
203	19.1	14.6	21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





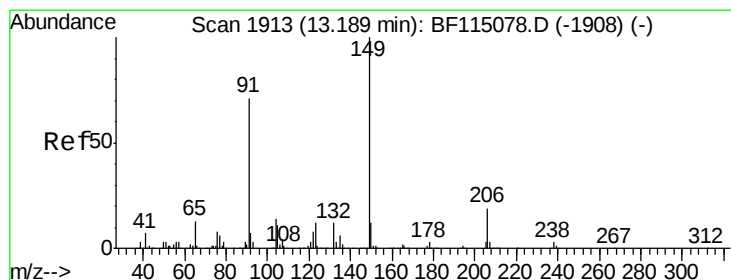
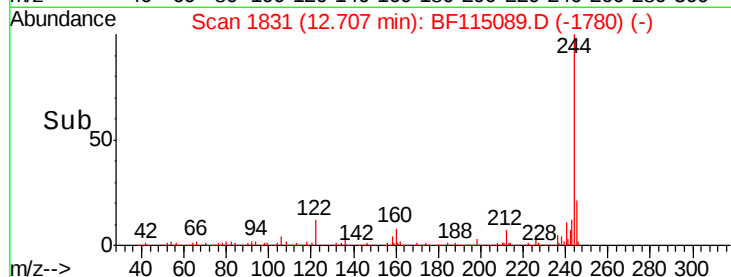
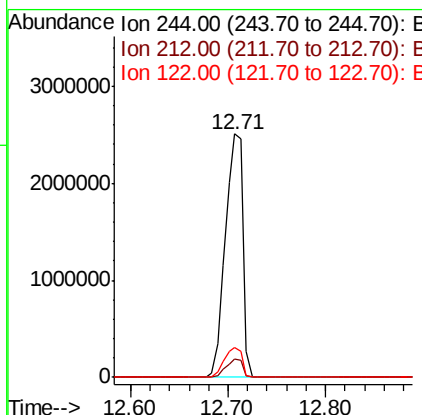
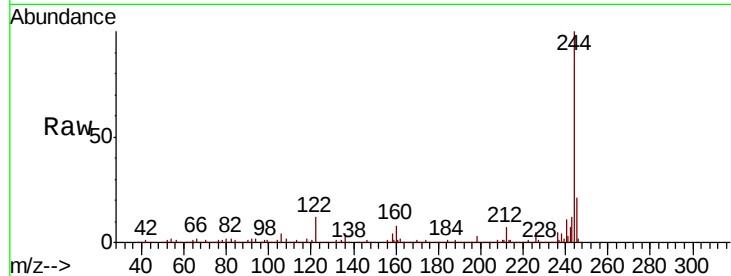
#79
 Terphenyl-d14
 Concen: 88.763 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120747BS

Tot Ion:244 Resp: 3108020
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 12.4 10.4 15.6

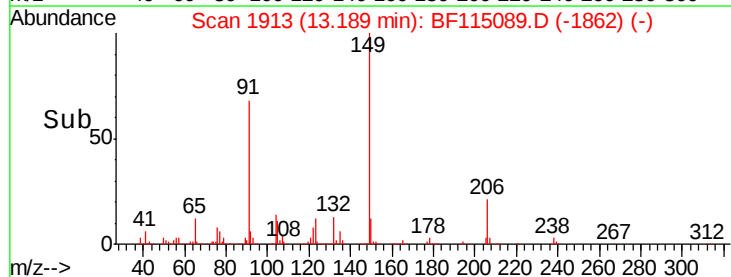
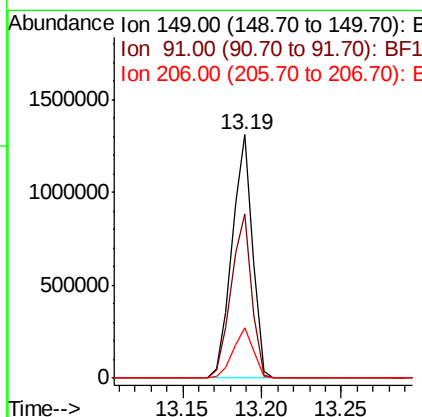
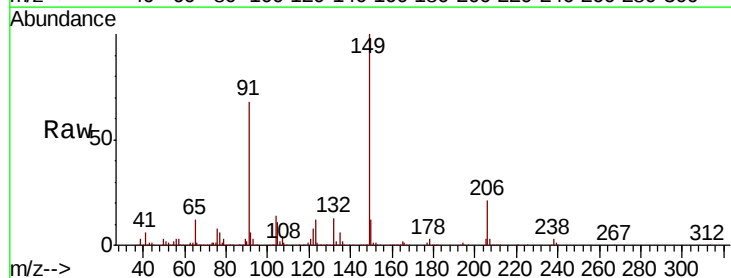
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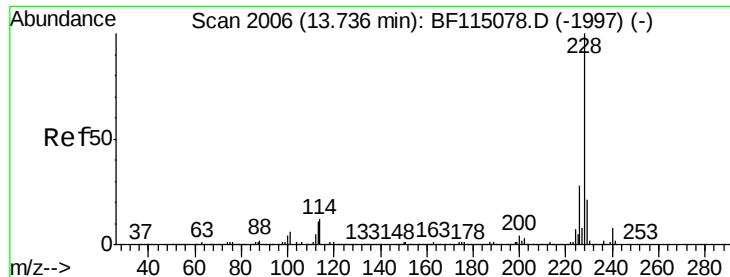
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#80
 Butylbenzylphthalate
 Concen: 46.351 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: BF115089.D
 Acq: 21 Jun 2019 20:31

Tgt Ion:149 Resp: 1170294
 Ion Ratio Lower Upper
 149 100
 91 67.7 56.5 84.7
 206 20.6 15.3 22.9





#81

Benzo(a)anthracene

Concen: 42.245 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampleId :

PB120747BS

Tot Ion:228 Resp: 2256634

Ion Ratio Lower Upper

228 100

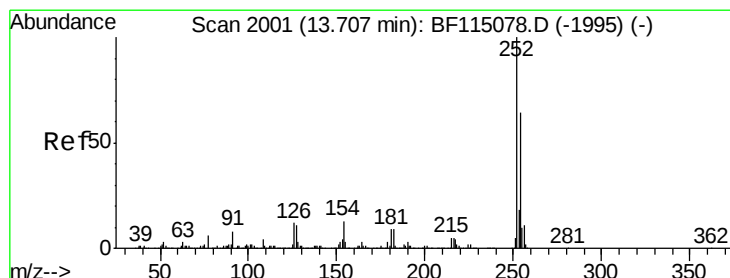
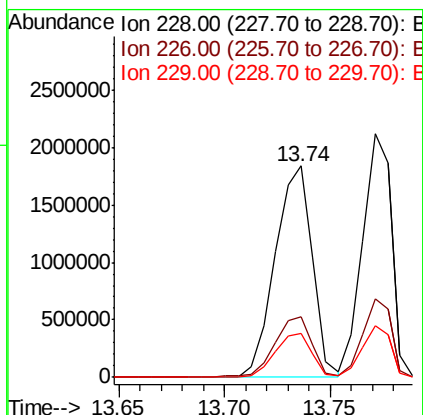
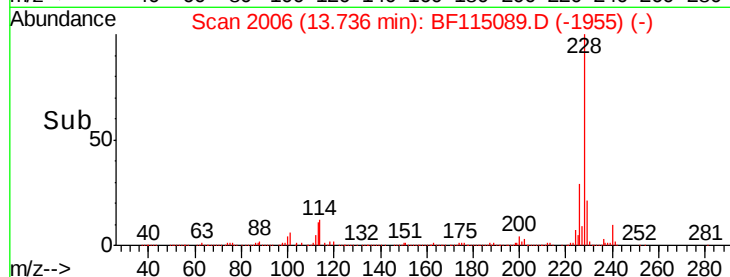
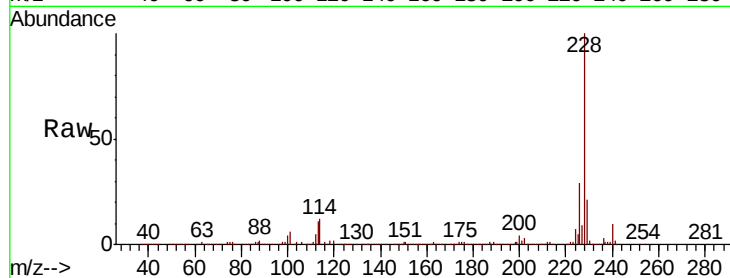
226 28.8 22.5 33.7

229 21.0 16.6 24.8

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#82

3,3'-Dichlorobenzidine

Concen: 27.635 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

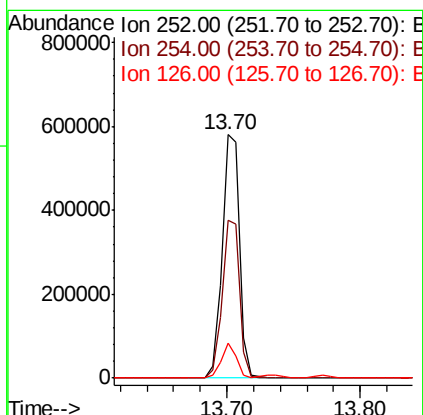
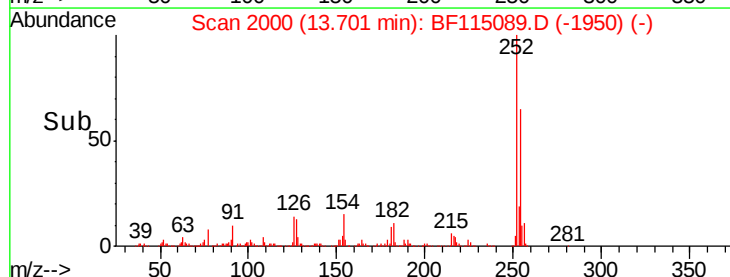
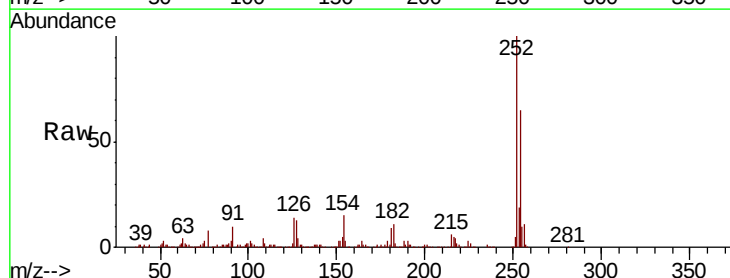
Tgt Ion:252 Resp: 533083

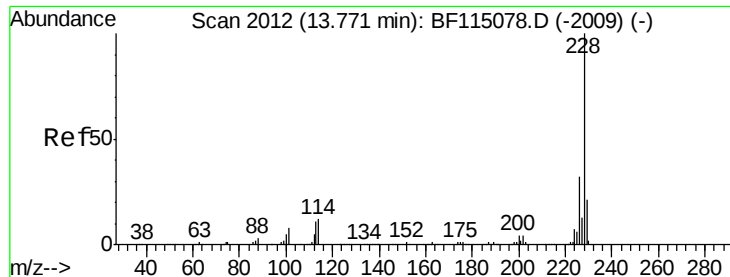
Ion Ratio Lower Upper

252 100

254 65.0 51.1 76.7

126 14.1 9.4 14.0#





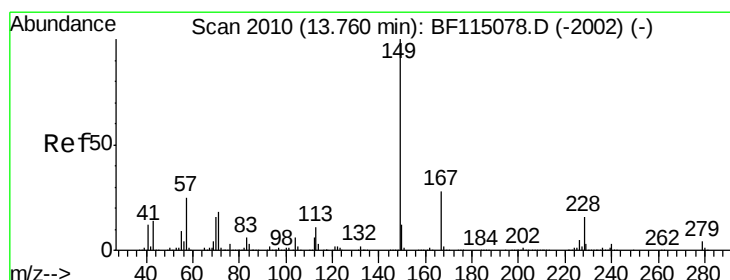
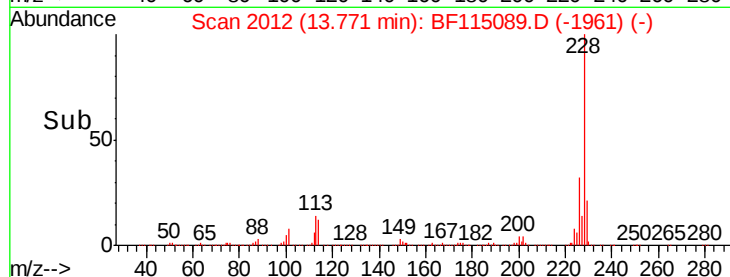
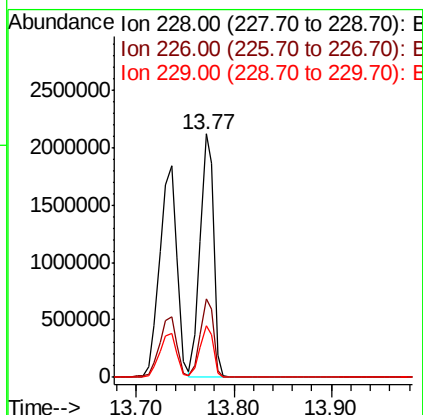
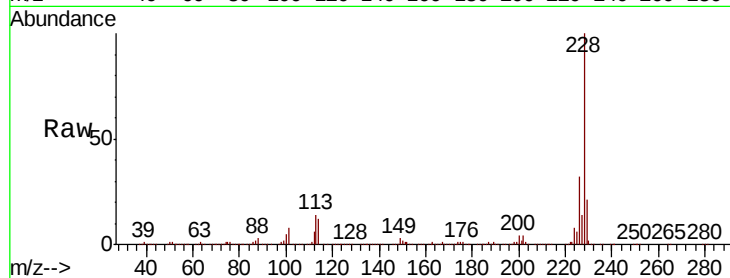
#83
Chrysene
Concen: 41.681 ng
RT: 13.77 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleID :
PB120747BS

Tot Ion:228 Resp: 2039516
Ion Ratio Lower Upper
228 100
226 32.4 25.4 38.0
229 21.3 16.5 24.7

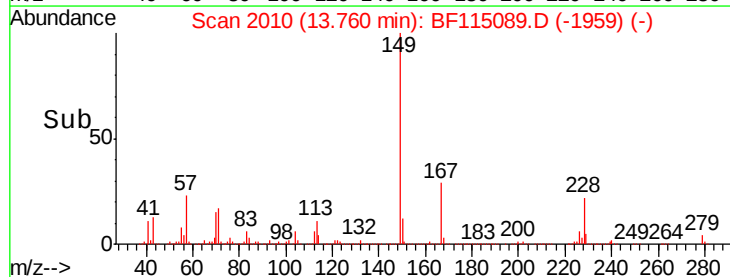
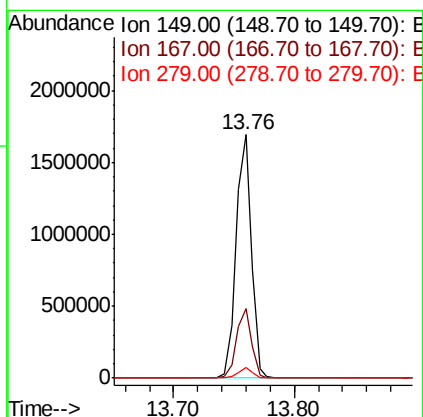
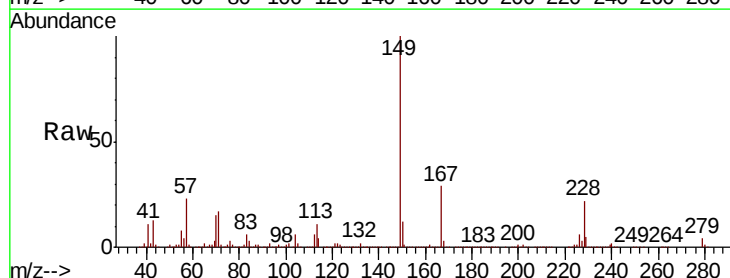
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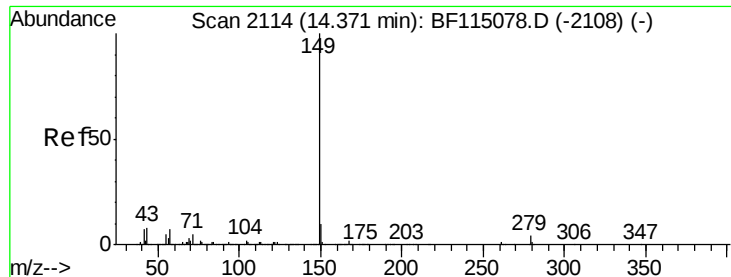
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.523 ng
RT: 13.76 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion:149 Resp: 1506074
Ion Ratio Lower Upper
149 100
167 28.8 22.2 33.4
279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 46.783 ng

RT: 14.37 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

Instrument :

BNA_F

ClientSampleId :

PB120747BS

Tot Ion:149 Resp: 2600512

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

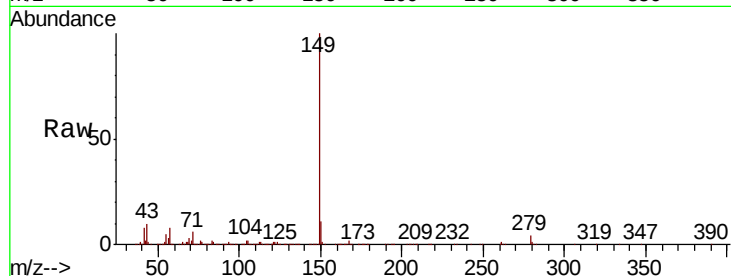
43 8.9 7.0 10.6

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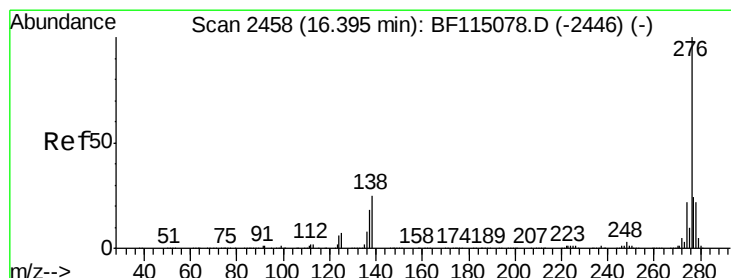
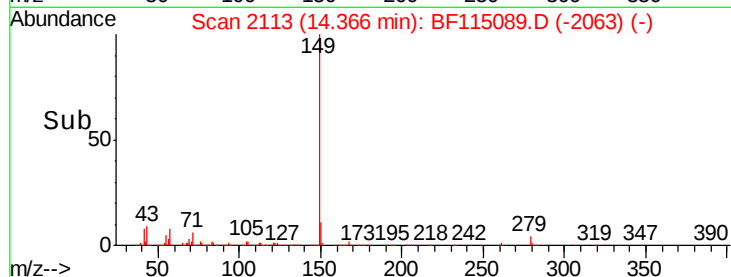
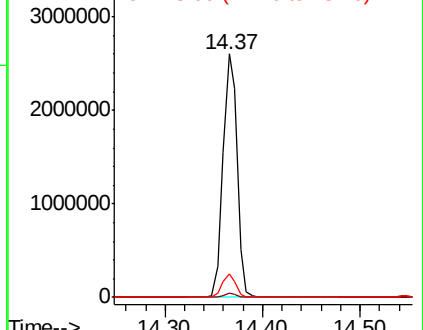
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.061 ng

RT: 16.39 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BF115089.D

Acq: 21 Jun 2019 20:31

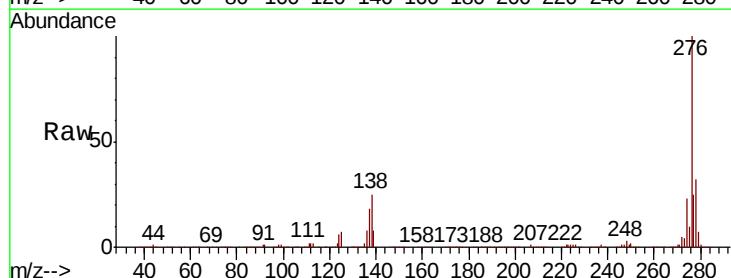
Tgt Ion:276 Resp: 2551161

Ion Ratio Lower Upper

276 100

138 29.2 23.2 34.8

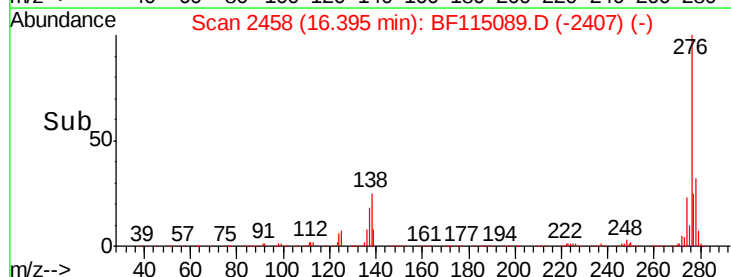
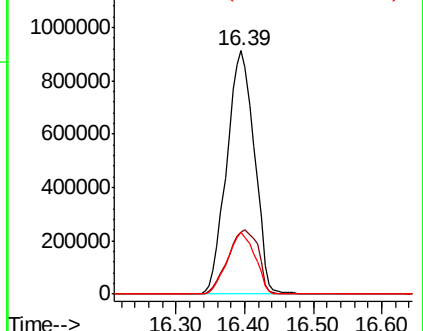
277 25.6 20.1 30.1

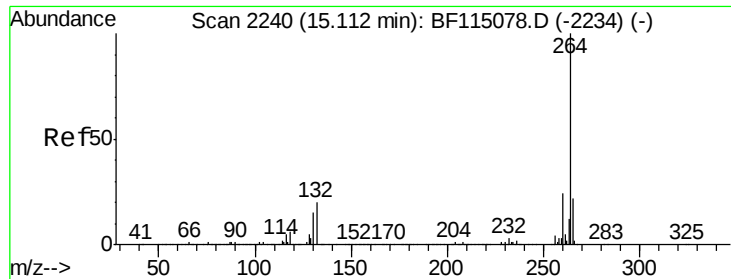


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





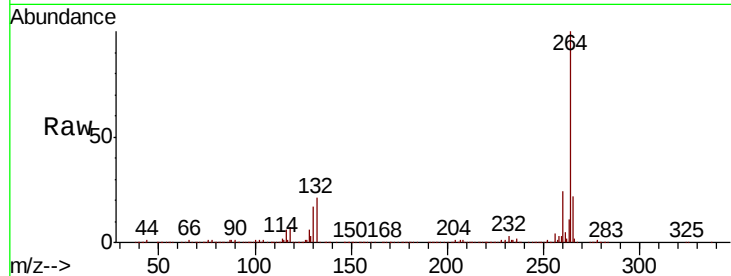
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.1	17.3	25.9

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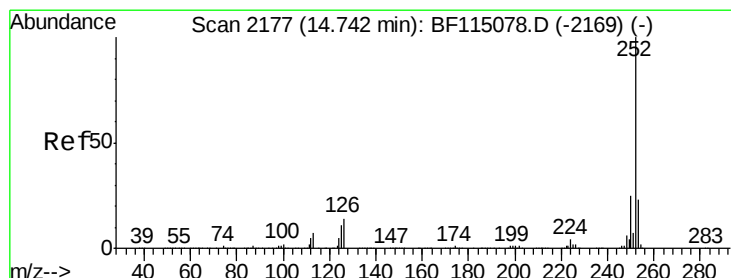
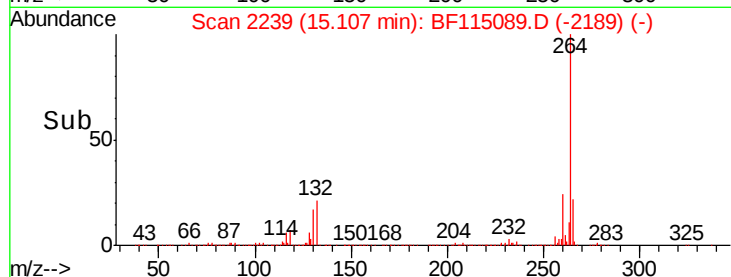
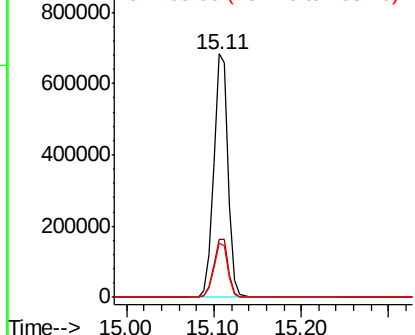


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 52.311 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

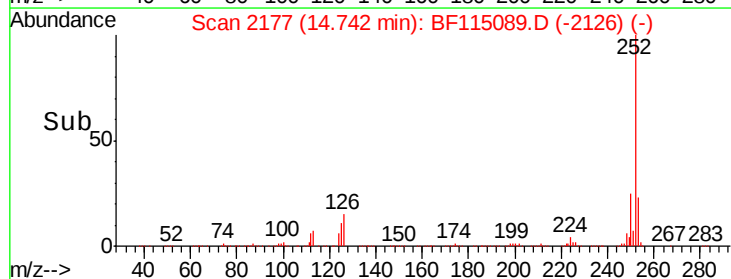
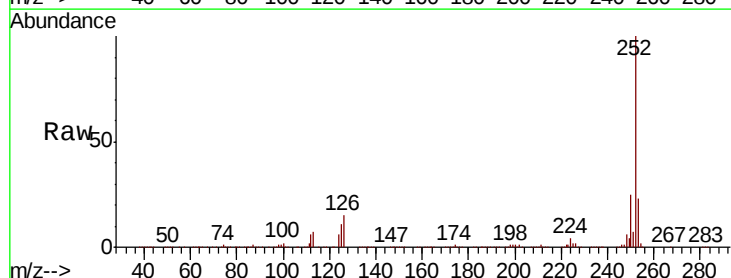
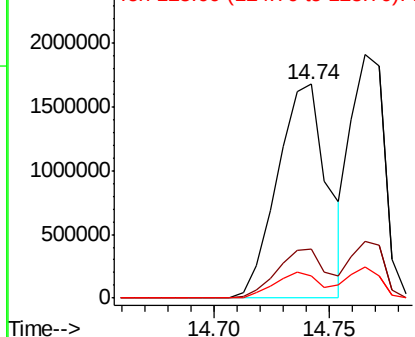
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	10.6	8.7	13.1

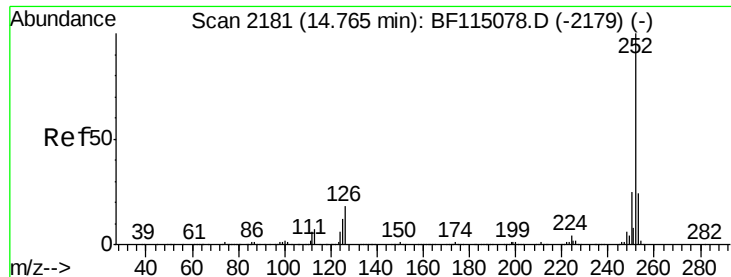
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





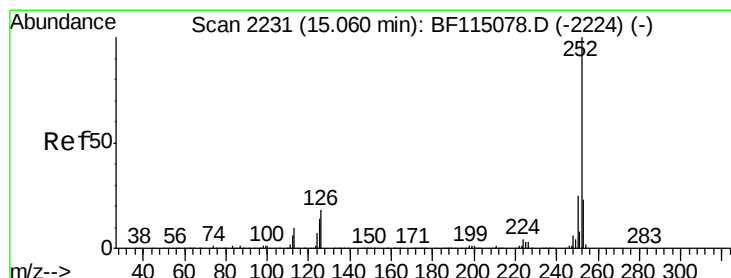
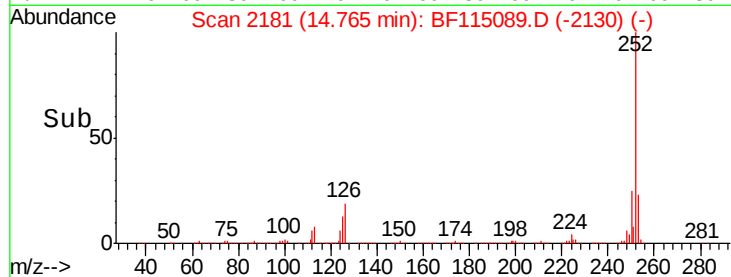
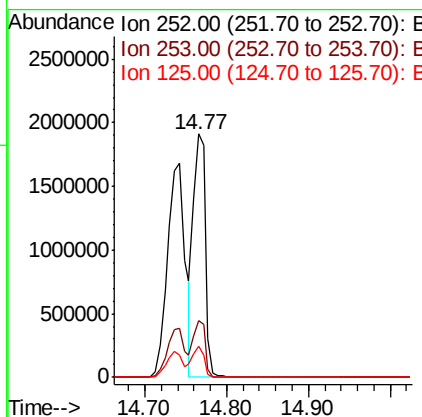
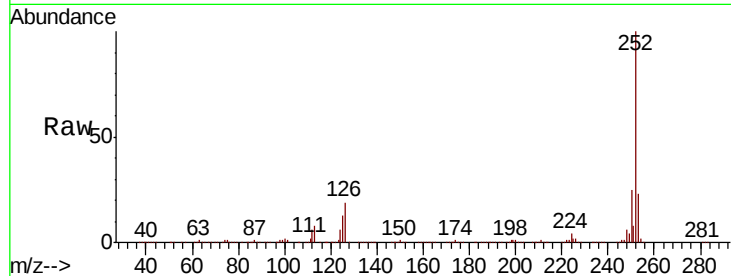
#89
Benzo(k)fluoranthene
Concen: 45.154 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	12.7	10.2	15.2

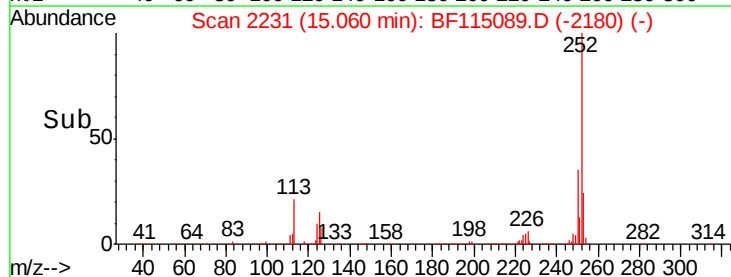
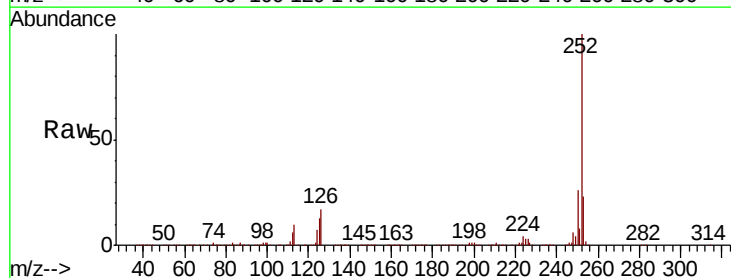
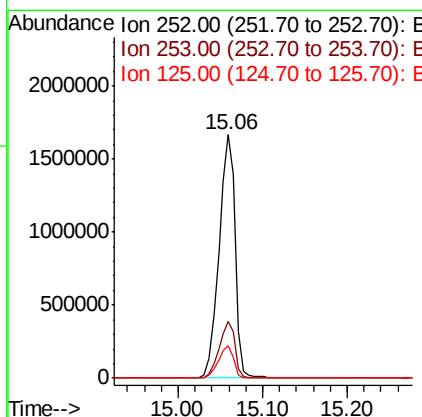
Manual Integrations
APPROVED

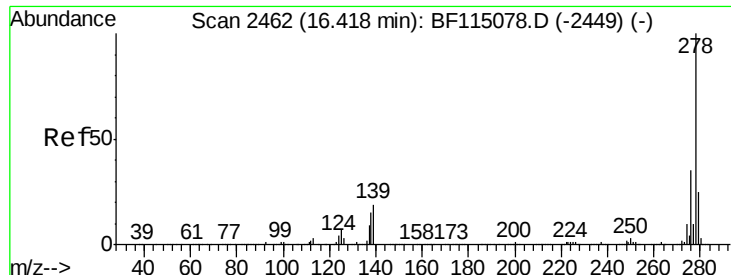
mohammad
6/25/2019 12:41:15 PM



#90
Benzo(a)pyrene
Concen: 51.068 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	13.2	10.9	16.3





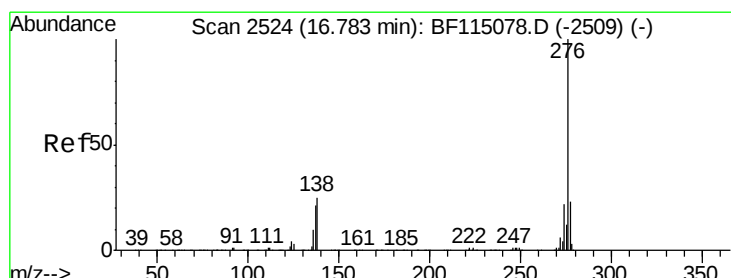
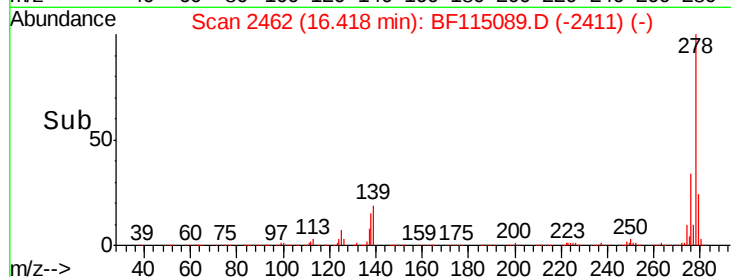
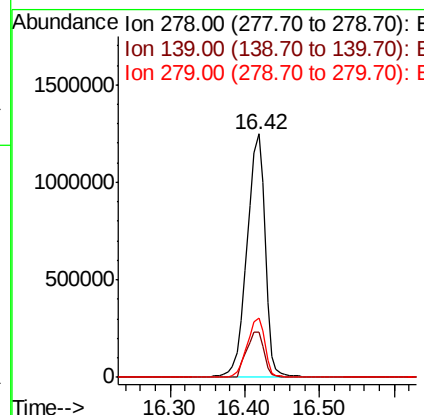
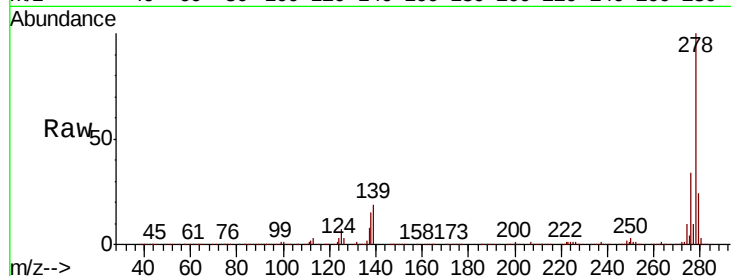
#91
Dibenzo(a,h)anthracene
Concen: 52.132 ng
RT: 16.42 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Instrument :
BNA_F
ClientSampleId :
PB120747BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.4	23.2
279	24.3	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:15 PM



#92
Benzo(g,h,i)perylene
Concen: 52.406 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF115089.D
Acq: 21 Jun 2019 20:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	26.2	19.8	29.6

