

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115086.D
 Acq On : 21 Jun 2019 19:12
 Operator : HP/JU
 Sample : PB120722BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

Manual Integrations
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 6/25/2019 12:41:11 PM

Quant Time: Jun 22 05:36:01 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	263365	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1043987	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	522993	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1039127	20.00	ng	0.00
76) Chrysene-d12	13.75	240	732420	20.00	ng	0.00
87) Perylene-d12	15.11	264	772665	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	2061407	120.79	ng	0.02
7) Phenol-d6	6.26	99	2553018	123.25	ng	0.00
23) Nitrobenzene-d5	7.18	82	1583365	93.30	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	713273	129.33	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2838832	92.20	ng	0.00
79) Terphenyl-d14	12.71	244	3037621	88.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	282818	35.113	ng	99
3) Pyridine	2.95	79	797010	35.108	ng	99
4) n-Nitrosodimethylamine	2.90	42	349756	39.300	ng	100
6) Aniline	6.28	93	657960	23.111	ng	# 7
8) 2-Chlorophenol	6.40	128	787096	41.015	ng	98
9) Benzaldehyde	6.15	77	213104	15.769	ng	98
10) Phenol	6.27	94	933239	38.461	ng	97
11) bis(2-Chloroethyl)ether	6.36	93	720936	40.307	ng	98
12) 1,3-Dichlorobenzene	6.55	146	835827	39.245	ng	98
13) 1,4-Dichlorobenzene	6.63	146	850753	39.835	ng	98
14) 1,2-Dichlorobenzene	6.79	146	787237	39.804	ng	98
15) Benzyl Alcohol	6.76	79	623911	41.363	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1056137	40.712	ng	99
17) 2-Methylphenol	6.88	107	675667	42.655	ng	98
18) Hexachloroethane	7.13	117	307451	39.931	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	535452	40.376	ng	99
20) 3+4-Methylphenols	7.04	107	766570	41.911	ng	# 88
22) Acetophenone	7.03	105	1058700	44.296	ng	# 98
24) Nitrobenzene	7.20	77	815295	43.606	ng	97
25) Isophorone	7.44	82	1535971	44.180	ng	99
26) 2-Nitrophenol	7.51	139	440073	47.662	ng	96
27) 2,4-Dimethylphenol	7.56	122	748293	49.498	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	948764	43.177	ng	99
29) 2,4-Dichlorophenol	7.75	162	698865	44.796	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	741814	43.047	ng	99
31) Naphthalene	7.92	128	2239078	43.692	ng	99
32) Benzoic acid	7.71	122	593533	55.002	ng	96
33) 4-Chloroaniline	7.97	127	399798	17.070	ng	99
34) Hexachlorobutadiene	8.05	225	398228	42.169	ng	99
35) Caprolactam	8.35	113	220991m	42.132	ng	
36) 4-Chloro-3-methylphenol	8.46	107	712218	45.078	ng	99
37) 2-Methylnaphthalene	8.61	142	1564813	45.287	ng	100
38) 1-Methylnaphthalene	8.71	142	1485060	45.001	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	626834	42.414	ng	99

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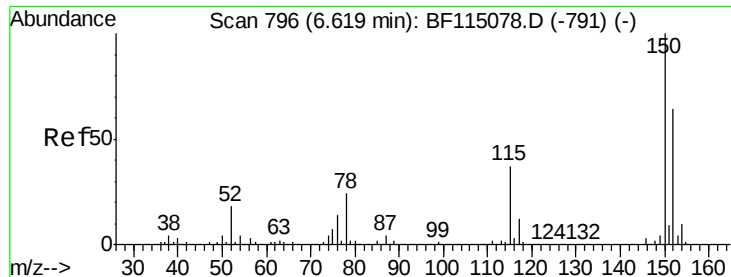
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	714787	81.566	nq	100
43) 2,4,6-Trichlorophenol	8.89	196	526754	46.167	nq	100
44) 2,4,5-Trichlorophenol	8.93	196	517506	44.043	nq	98
46) 1,1'-Biphenyl	9.08	154	1784688	42.648	nq	98
47) 2-Chloronaphthalene	9.10	162	1448860	42.683	nq	97
48) 2-Nitroaniline	9.19	65	432036	43.657	nq	98
49) Acenaphthylene	9.51	152	2255642	42.651	nq	99
50) Dimethylphthalate	9.39	163	1672672	43.471	nq	99
51) 2,6-Dinitrotoluene	9.44	165	399414	44.962	nq	99
52) Acenaphthene	9.68	154	1568292	47.390	nq	99
53) 3-Nitroaniline	9.60	138	297682	27.460	nq	95
54) 2,4-Dinitrophenol	9.71	184	433929	93.559	nq	96
55) Dibenzofuran	9.85	168	2001155	42.131	nq	98
56) 4-Nitrophenol	9.77	139	750602	86.367	nq	95
57) 2,4-Dinitrotoluene	9.84	165	537910	46.896	nq	# 90
58) Fluorene	10.20	166	1359652	42.650	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	455476	46.229	nq	100
60) Diethylphthalate	10.09	149	1684560	43.553	nq	99
61) 4-Chlorophenyl-phenylether	10.19	204	658104	43.576	nq	96
62) 4-Nitroaniline	10.22	138	457051	42.027	nq	99
63) Azobenzene	10.35	77	1575199	43.602	nq	96
65) 4,6-Dinitro-2-methylphenol	10.24	198	257458	46.713	nq	84
66) n-Nitrosodiphenylamine	10.31	169	1397511	43.168	nq	99
67) 4-Bromophenyl-phenylether	10.68	248	484695	43.022	nq	98
68) Hexachlorobenzene	10.74	284	519949	42.518	nq	98
69) Atrazine	10.84	200	456779	43.862	nq	99
70) Pentachlorophenol	10.93	266	632615	81.202	nq	98
71) Phenanthrene	11.15	178	2258083	40.360	nq	100
72) Anthracene	11.20	178	2289434	40.538	nq	98
73) Carbazole	11.35	167	2124341	42.124	nq	99
74) Di-n-butylphthalate	11.70	149	2532382	43.455	nq	98
75) Fluoranthene	12.32	202	2371757	42.488	nq	99
77) Benzidine	12.45	184	519583	15.976	nq	99
78) Pyrene	12.55	202	2399033	42.622	nq	98
80) Butylbenzylphthalate	13.19	149	1162590	46.803	nq	97
81) Benzo(a)anthracene	13.74	228	2216816	42.182	nq	98
82) 3,3'-Dichlorobenzidine	13.71	252	527977	27.820	nq	97
83) Chrysene	13.78	228	1995535	41.453	nq	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1485567	45.642	nq	99
85) Di-n-octyl phthalate	14.37	149	2609306	47.714	nq	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2571298	45.139	nq	100
88) Benzo(b)fluoranthene	14.74	252	2491139	51.670	nq	98
89) Benzo(k)fluoranthene	14.77	252	1952486	45.159	nq	100
90) Benzo(a)pyrene	15.06	252	2221327	51.119	nq	100
91) Dibenzo(a,h)anthracene	16.42	278	2102634	51.831	nq	100
92) Benzo(g,h,i)perylene	16.78	276	2169486	52.839	nq	97

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



#1

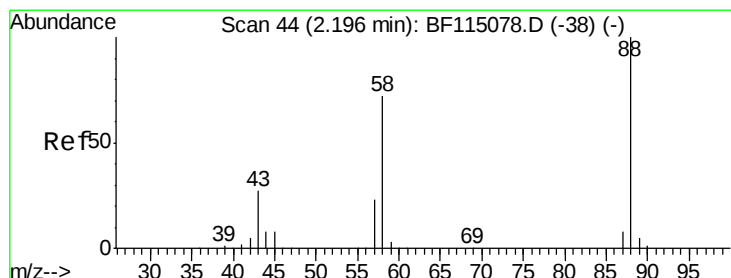
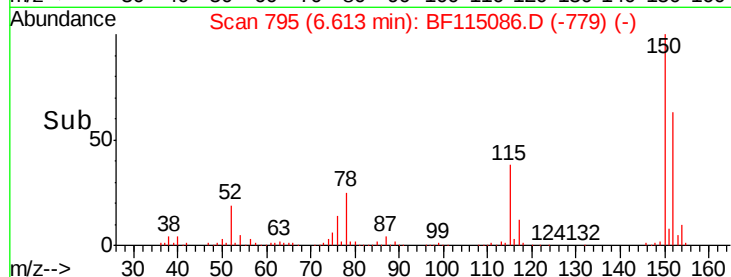
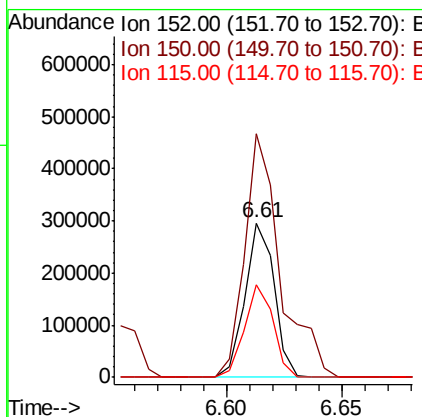
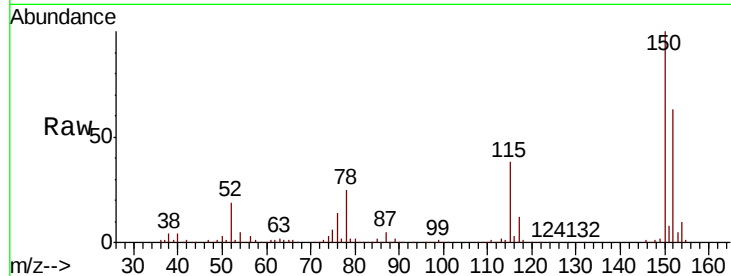
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.2	186.2
115	59.6	46.1	69.1

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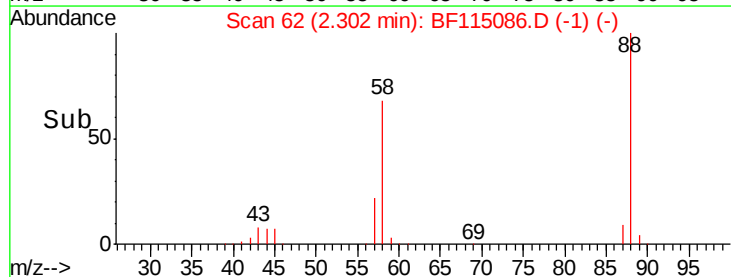
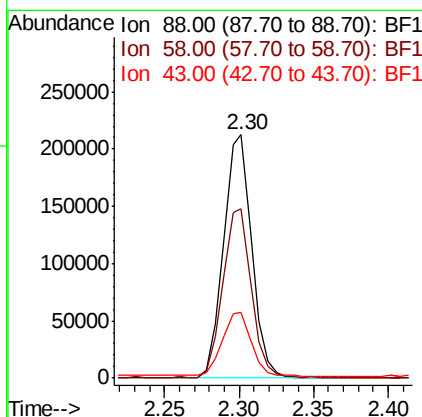
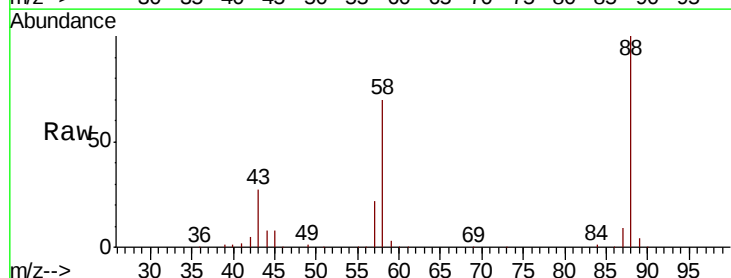
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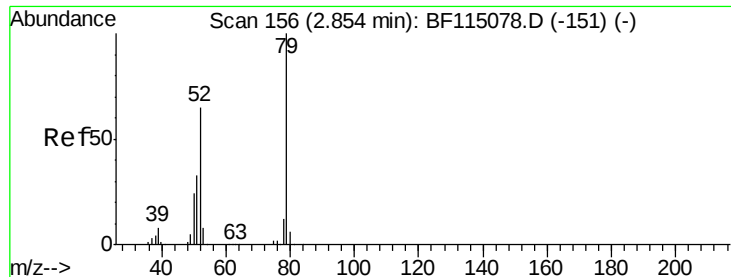


#2

1,4-Dioxane
 Concen: 35.113 ng
 RT: 2.30 min Scan# 62
 Delta R.T. 0.11 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	56.1	84.1
43	27.5	21.3	31.9





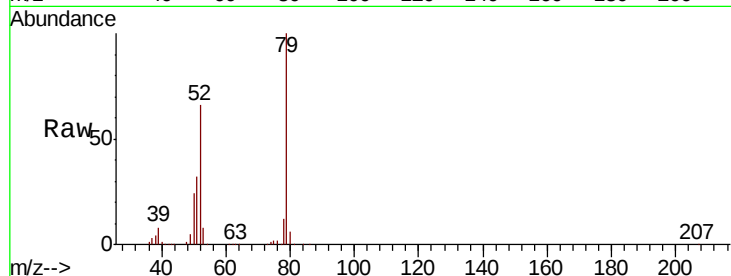
#3
 Pvridine
 Concen: 35.108 ng
 RT: 2.95 min Scan# 172
 Delta R.T. 0.09 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

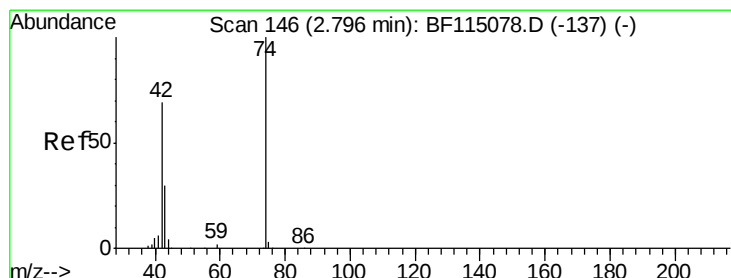
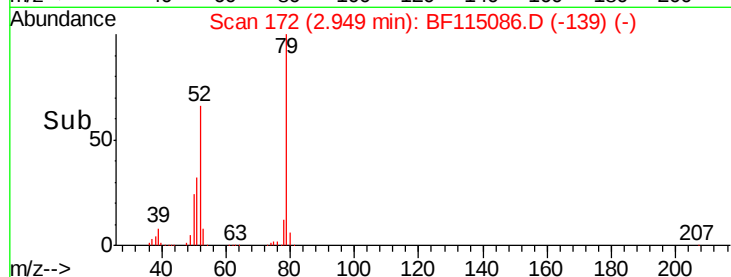
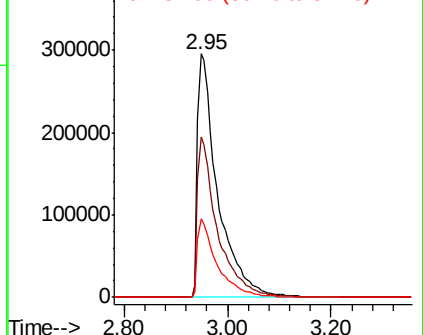
Tot Ion	Ratio	Lower	Upper
79	100		
52	65.9	52.3	78.5
51	32.0	26.1	39.1

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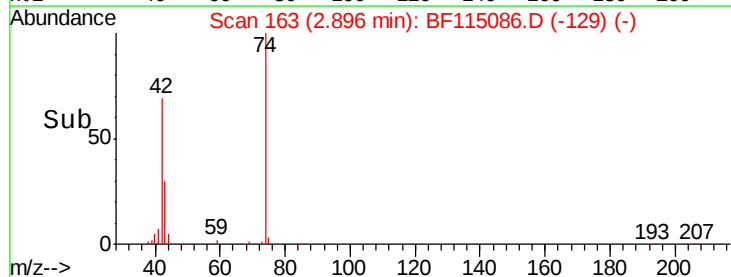
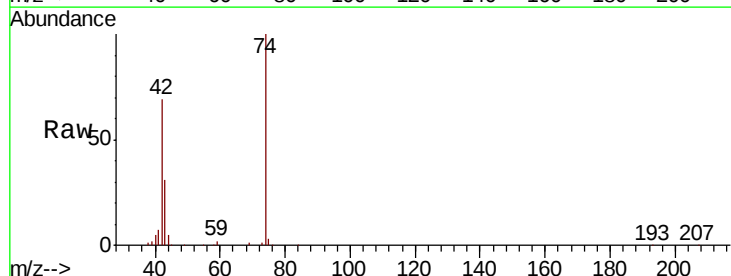
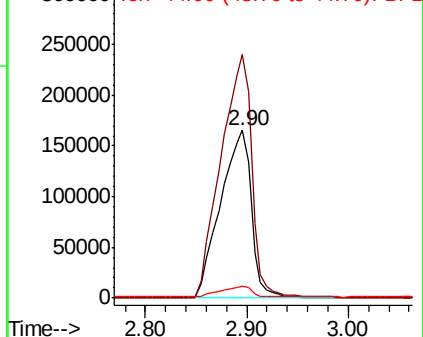
Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

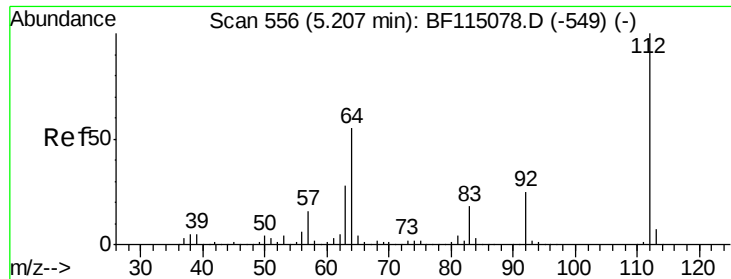


#4
 n-Nitrosodimethylamine
 Concen: 39.300 ng
 RT: 2.90 min Scan# 163
 Delta R.T. 0.10 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.3	116.6	175.0
44	7.4	5.3	7.9

Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 120.787 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleID :

PB120722BS

Tot Ion:112 Resp: 2061407

Ion Ratio Lower Upper

112 100

64 55.7 43.8 65.6

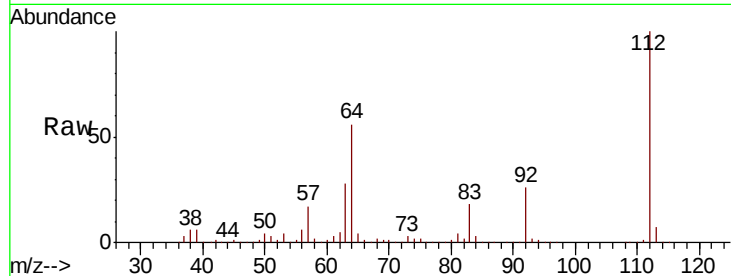
63 28.3 22.2 33.4

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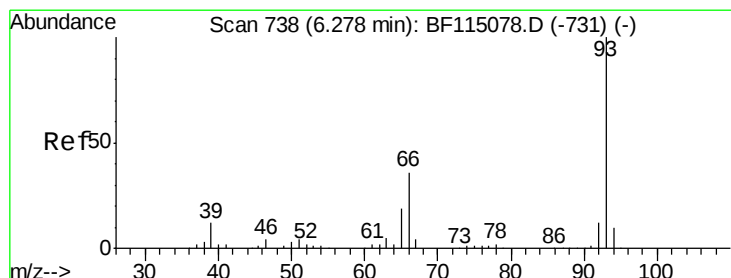
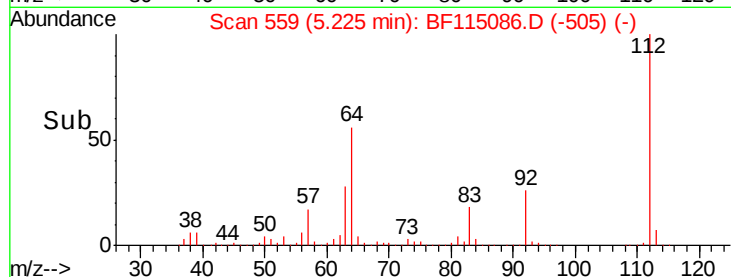
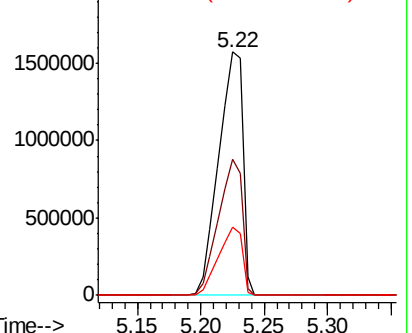
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.111 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

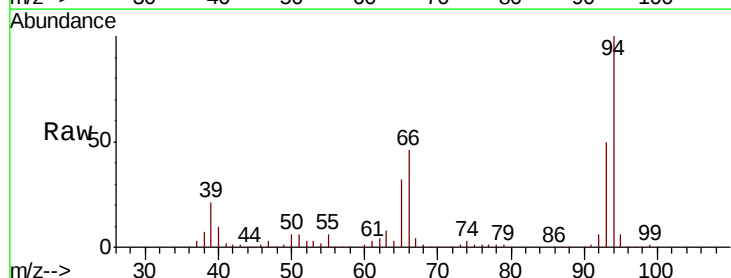
Tgt Ion: 93 Resp: 657960

Ion Ratio Lower Upper

93 100

66 92.6 30.0 45.0#

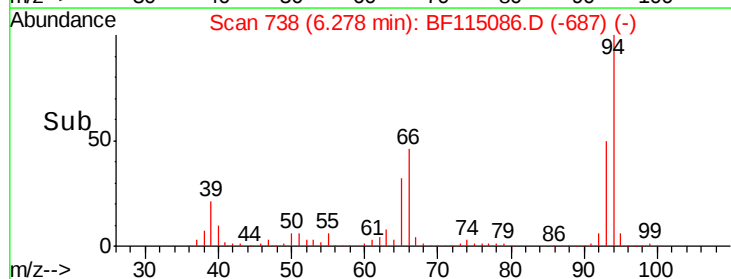
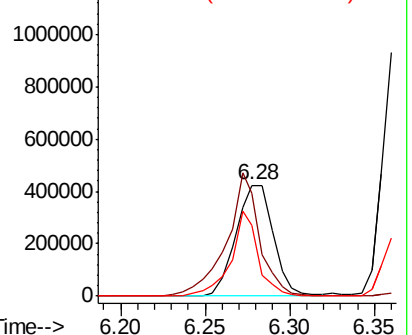
65 63.2 15.6 23.4#

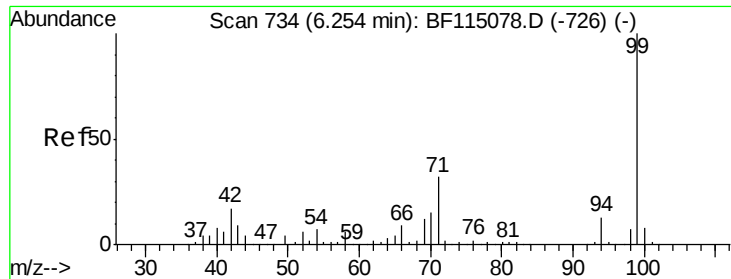


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.248 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

Tot Ion: 99 Resp: 2553018

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

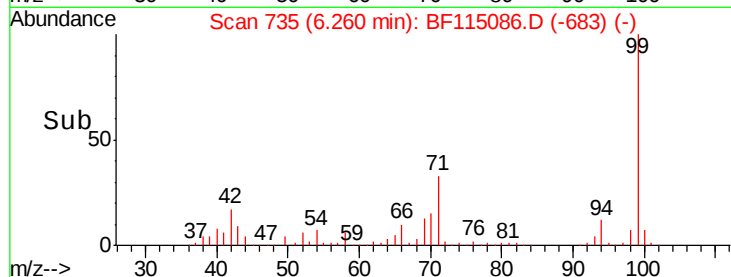
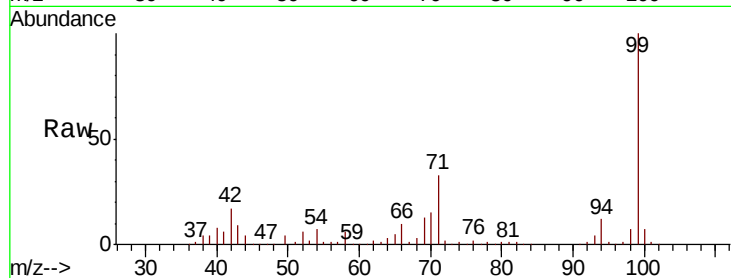
71 33.0 25.5 38.3

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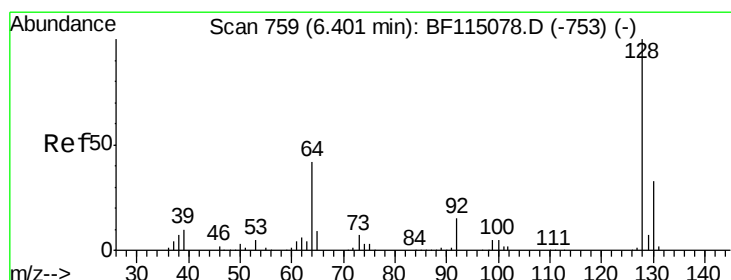
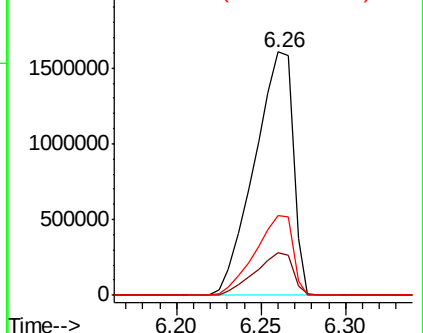
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.015 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

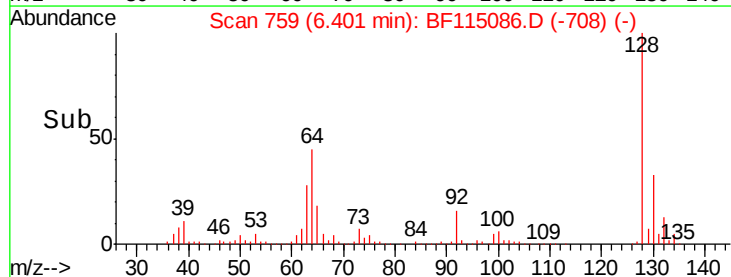
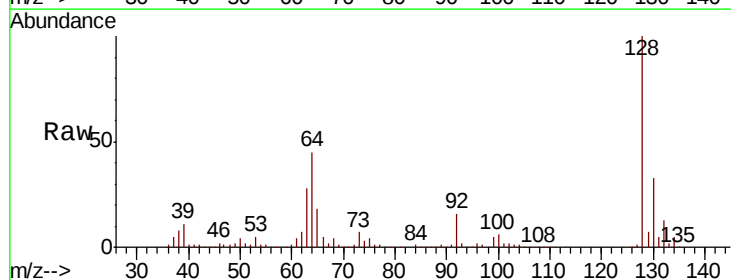
Tgt Ion: 128 Resp: 787096

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

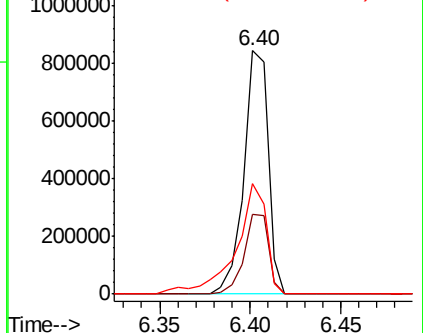
64 45.3 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.769 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

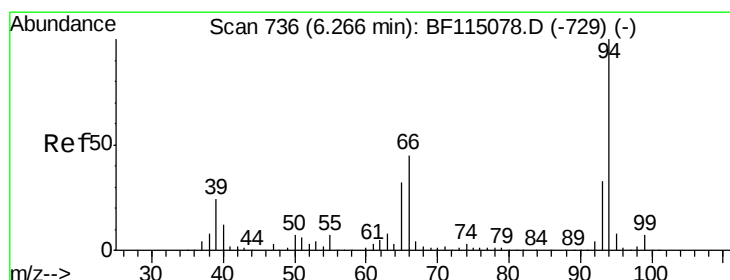
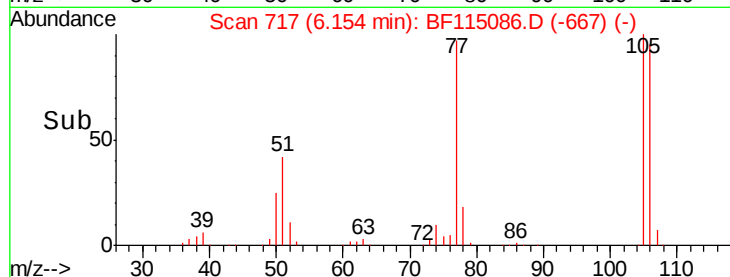
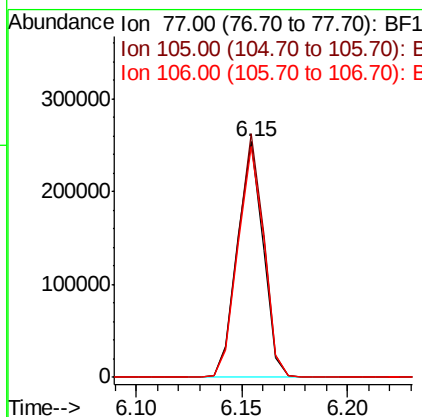
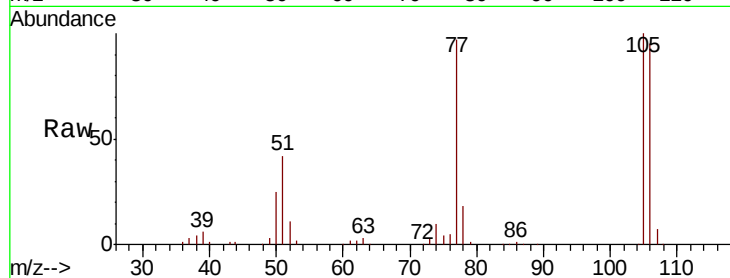
ClientSampleId :

PB120722BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.5	81.5	121.5
106	98.0	79.7	119.7

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#10

Phenol

Concen: 38.461 ng

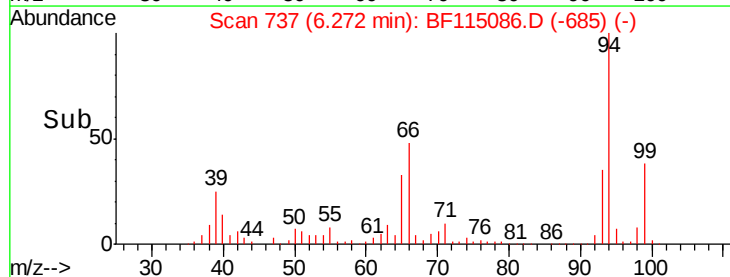
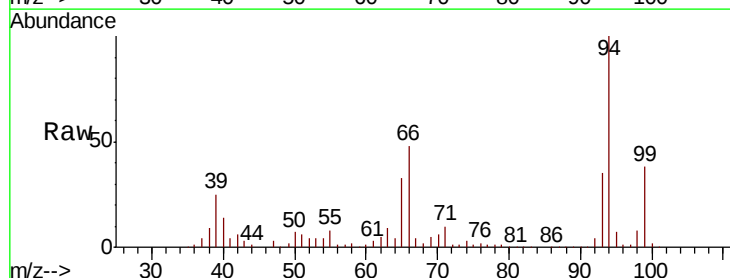
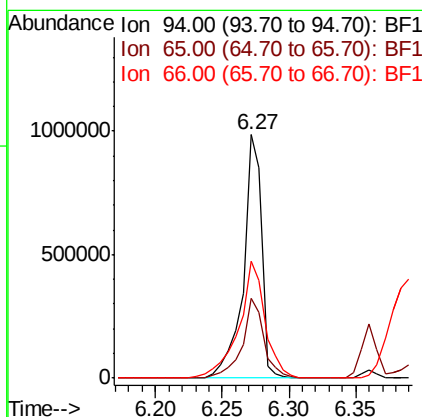
RT: 6.27 min Scan# 737

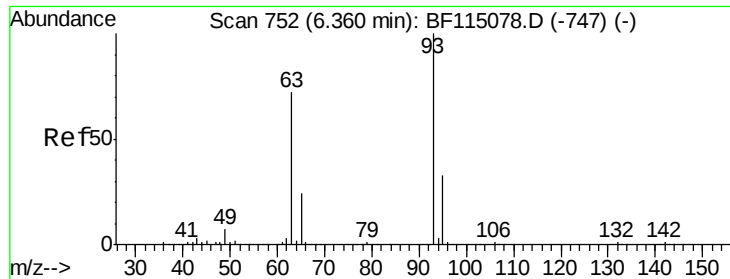
Delta R.T. 0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.9	11.9	51.9
66	47.8	25.2	65.2





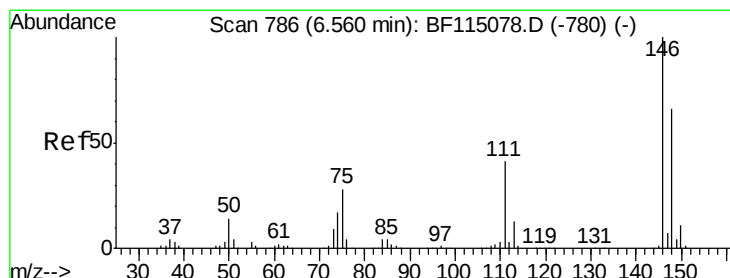
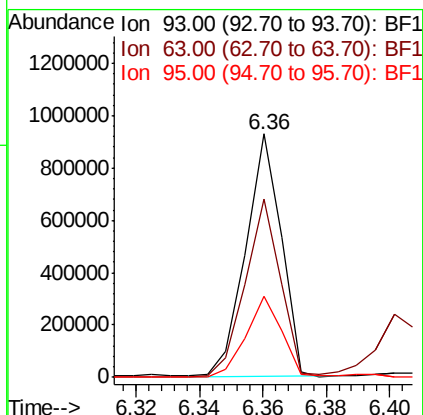
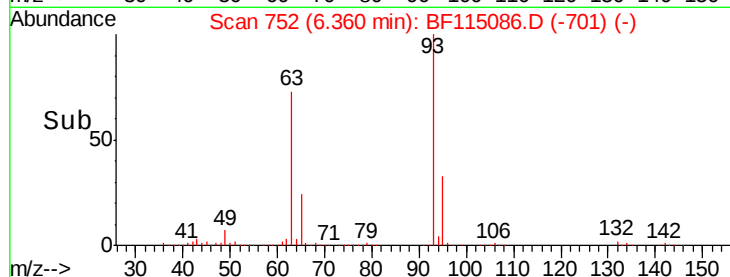
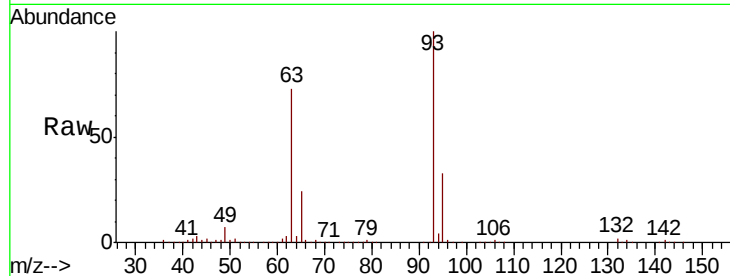
#11
bis(2-Chloroethyl)ether
Concen: 40.307 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	93	Resp	720936
Ion	Ratio	Lower	Upper
93	100		
63	73.4	51.5	91.5
95	33.1	13.4	53.4

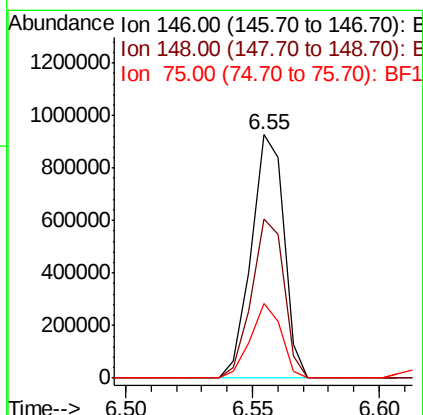
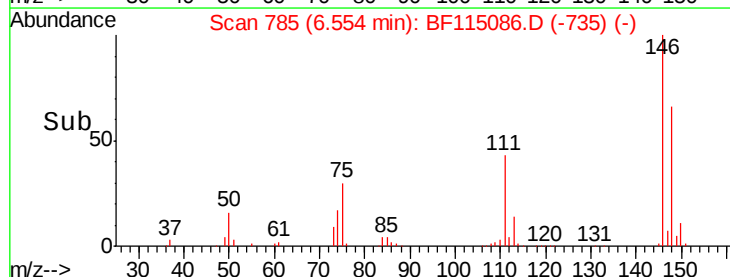
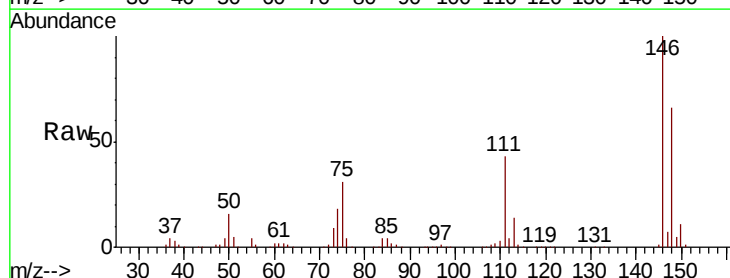
Manual Integrations
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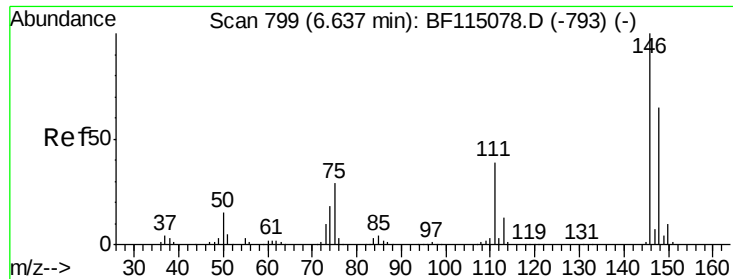
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.245 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	146	Resp	835827
Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	78.8
75	30.8	22.6	34.0





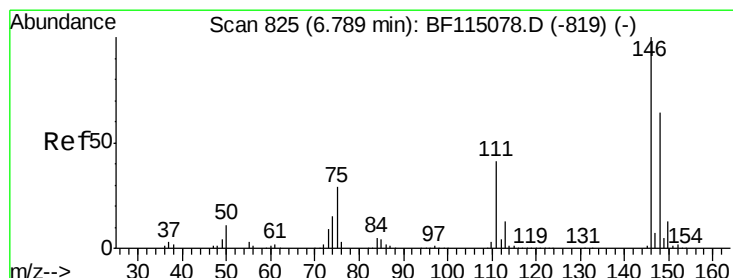
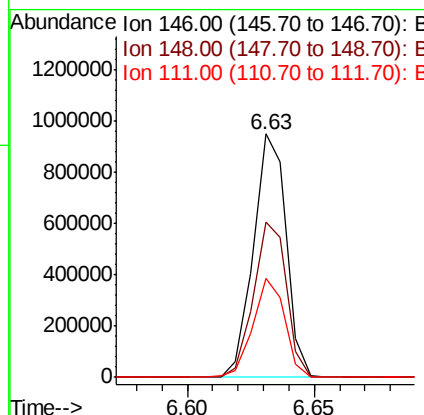
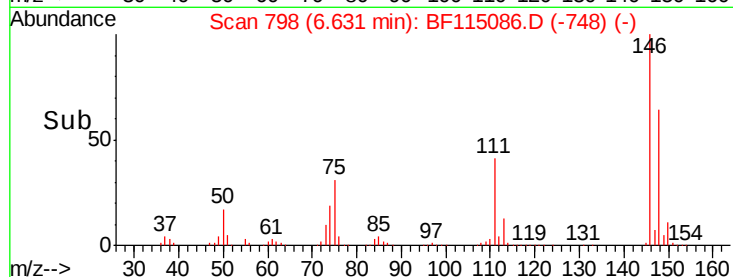
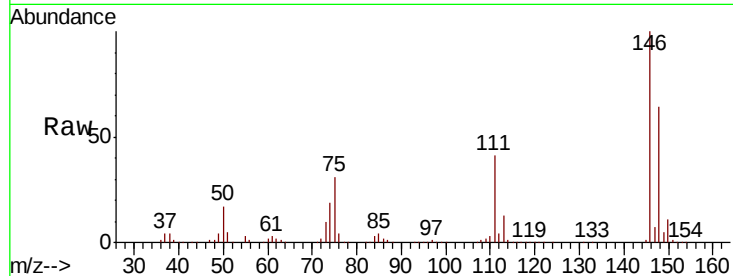
#13
 1,4-Dichlorobenzene
 Concen: 39.835 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
111	40.9	31.4	47.0

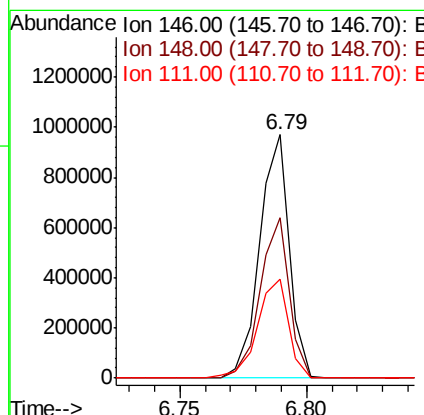
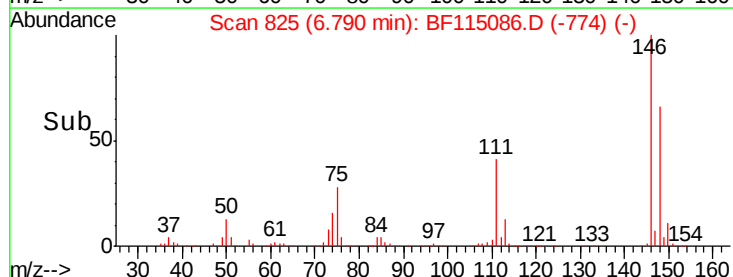
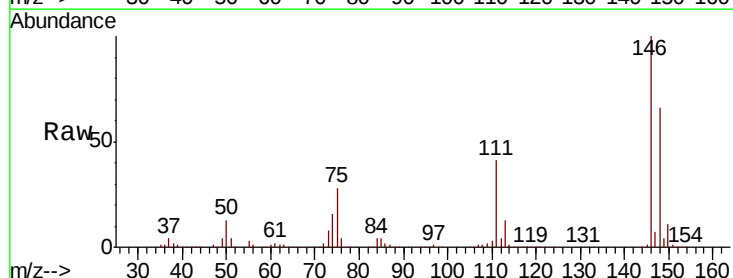
Manual Integrations
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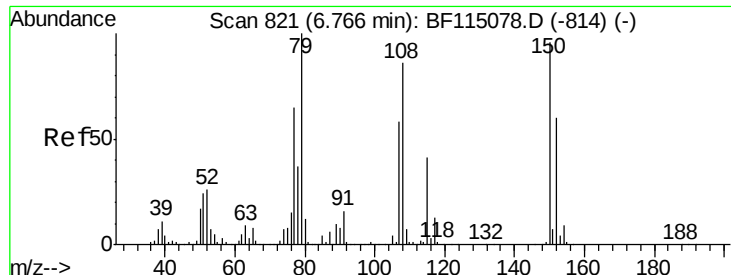
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.804 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.1	76.7
111	40.8	33.2	49.8





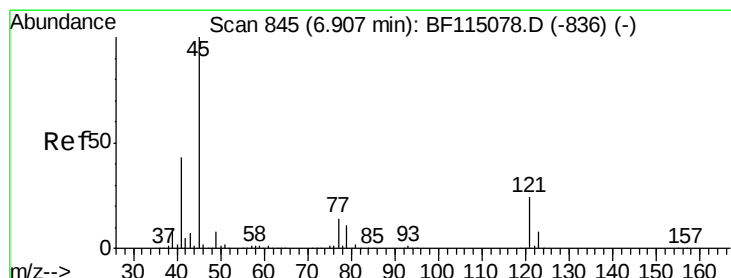
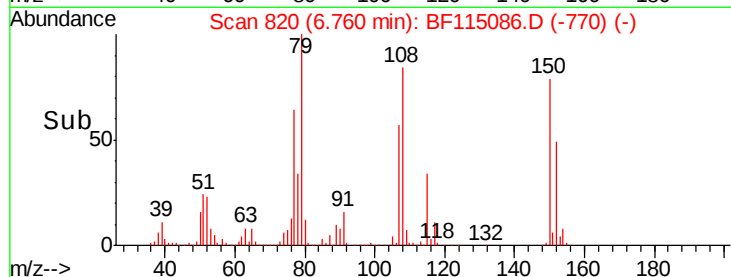
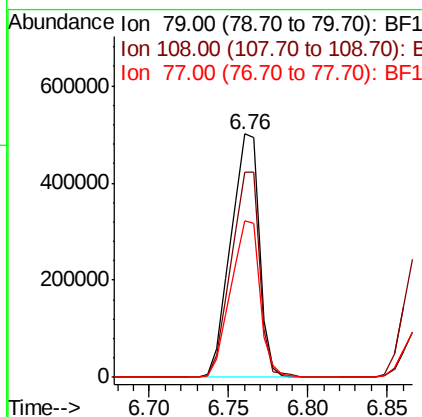
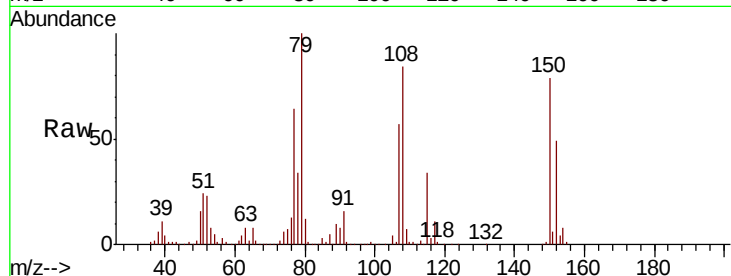
#15
Benzyl Alcohol
Concen: 41.363 ng
RT: 6.76 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.3	68.7	103.1
77	64.1	51.7	77.5

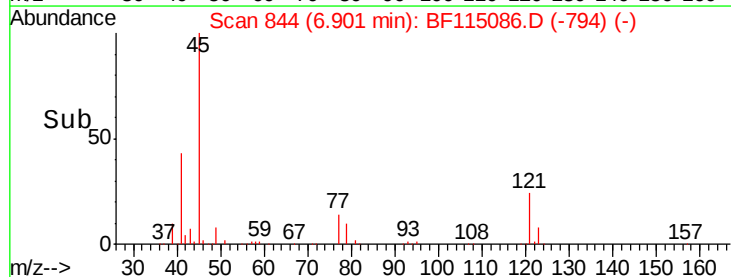
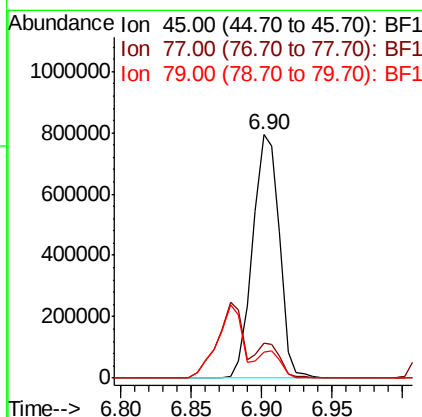
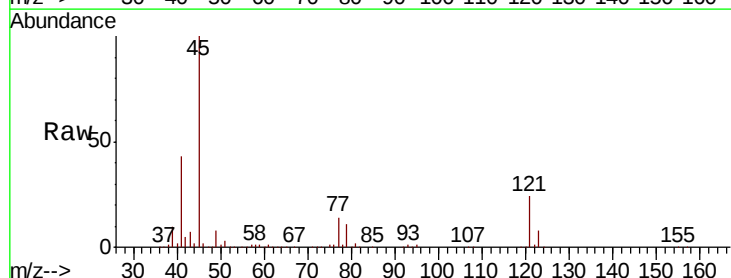
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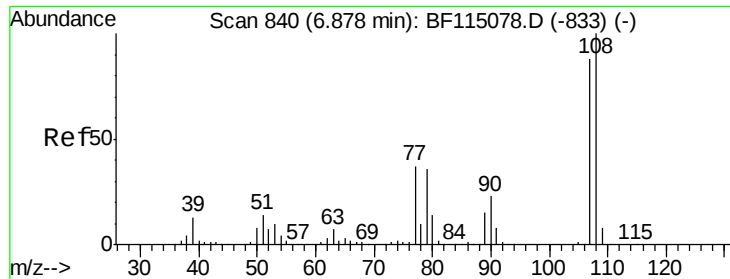
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.712 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	34.6
79	10.9	0.0	31.2





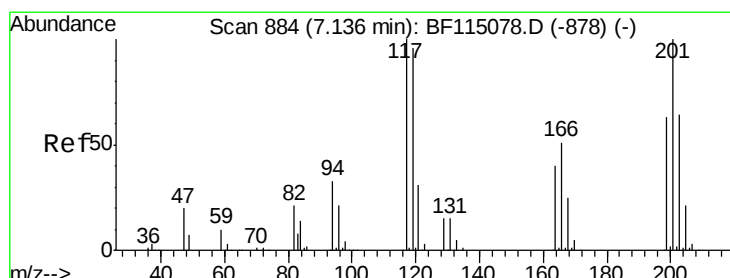
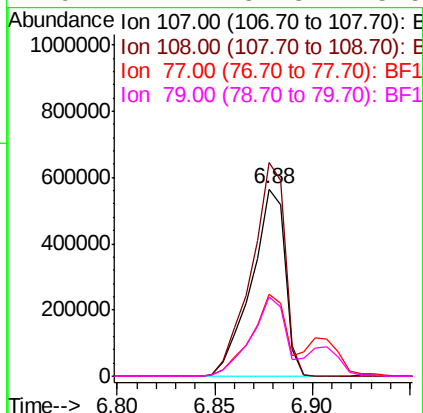
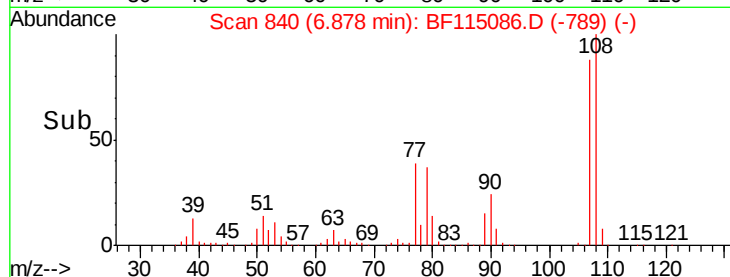
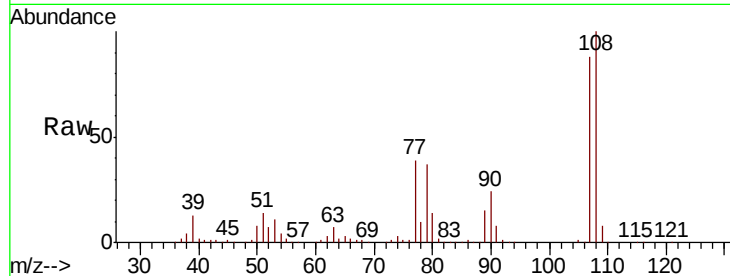
#17
2-Methylphenol
Concen: 42.655 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.9	136.3
77	44.0	33.4	50.2
79	42.1	32.3	48.5

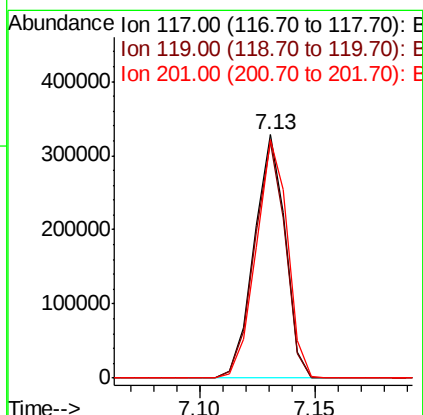
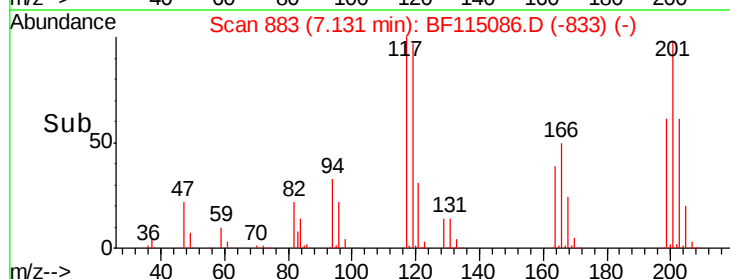
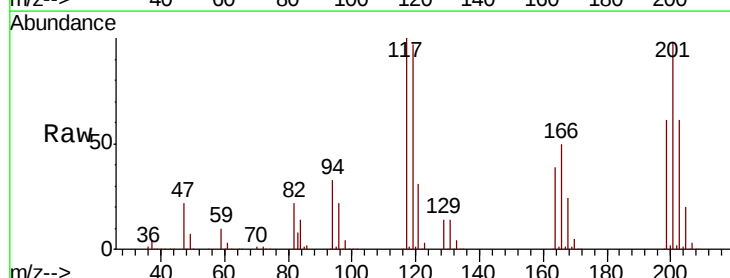
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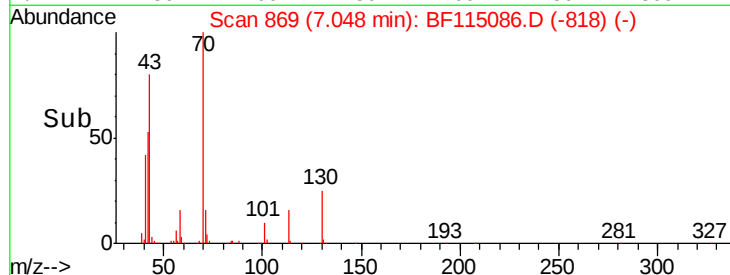
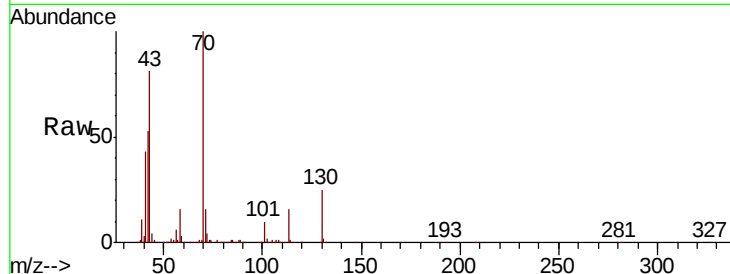
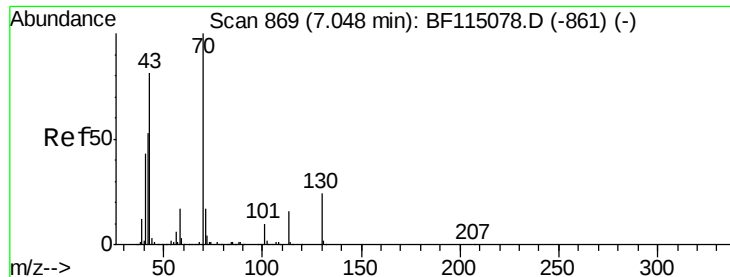
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#18
Hexachloroethane
Concen: 39.931 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.6	114.8
201	97.9	80.2	120.2





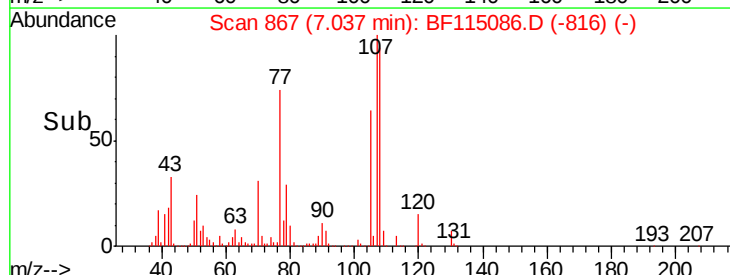
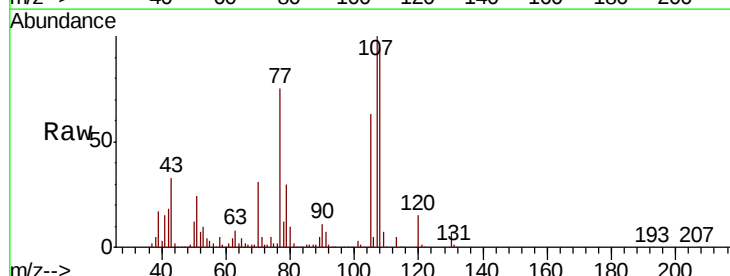
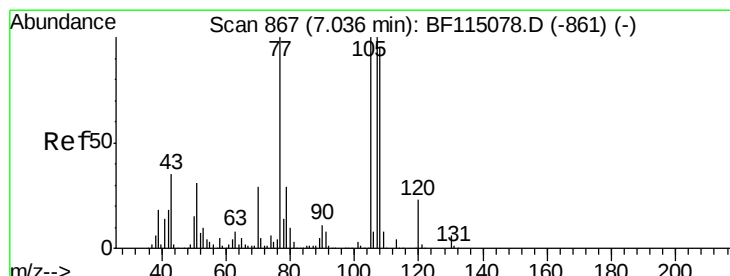
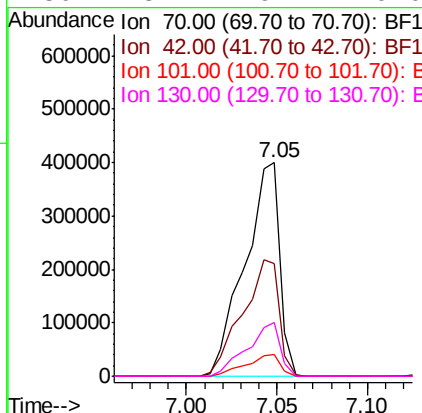
#19
n-Nitroso-di-n-propylamine
Concen: 40.376 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.9	42.6	63.8	
101	10.3	8.0	12.0	
130	25.1	19.4	29.0	

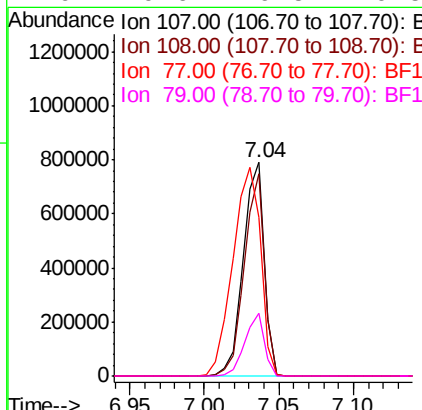
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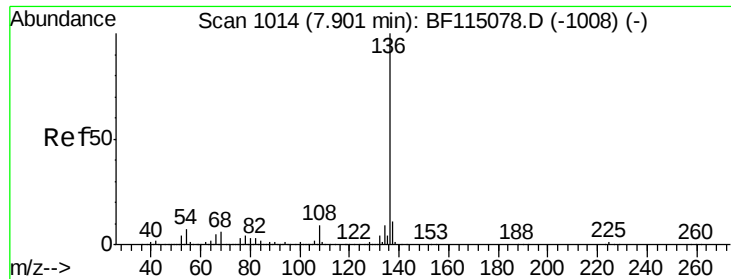
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#20
3+4-Methylphenols
Concen: 41.911 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.5	75.5	115.5	
77	74.6	80.2	120.2	
79	29.6	9.5	49.5	





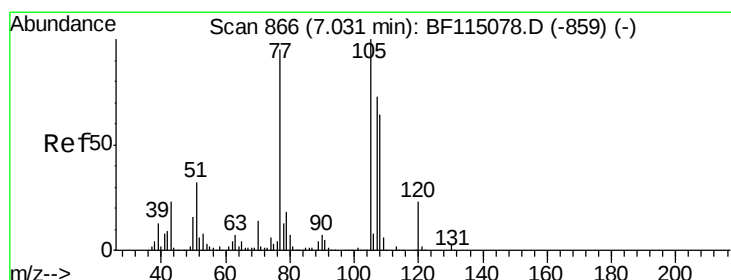
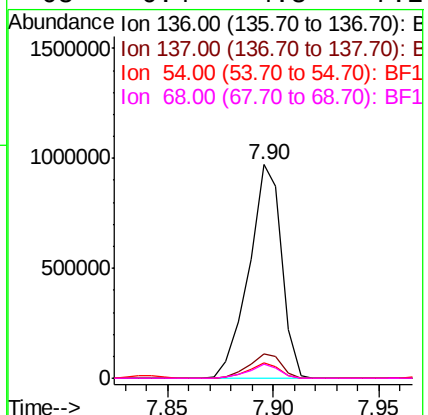
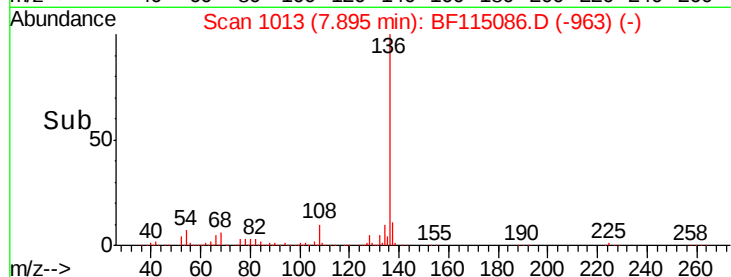
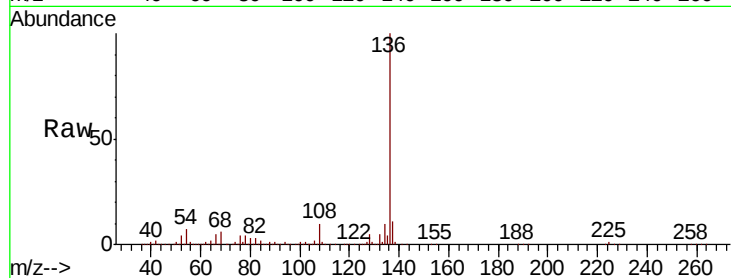
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.2	5.6	8.4
68	6.4	4.8	7.2

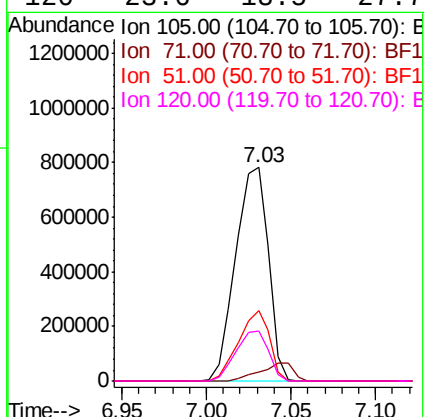
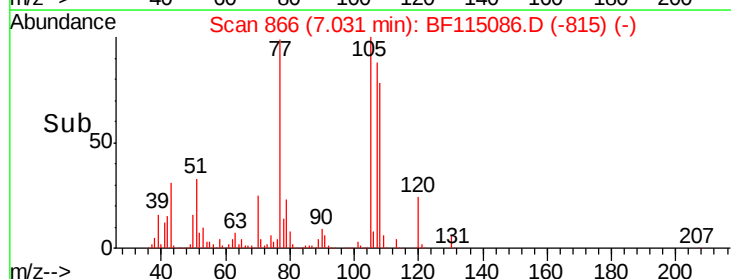
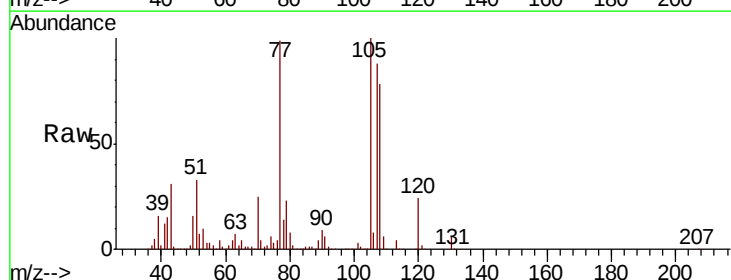
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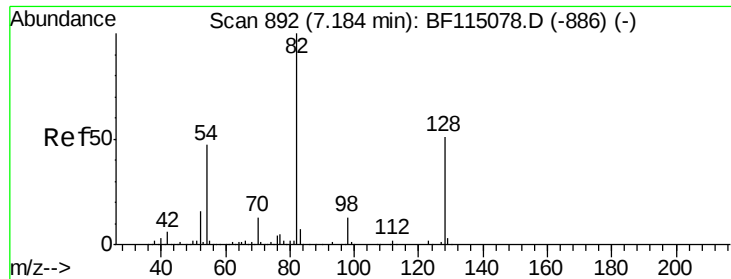
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#22
Acetophenone
Concen: 44.296 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.2	1.9	2.9#
51	33.2	25.8	38.8
120	23.6	18.5	27.7





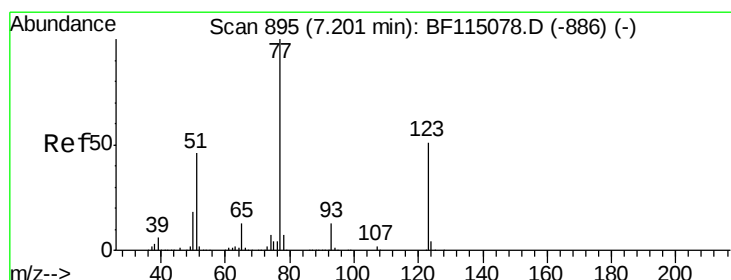
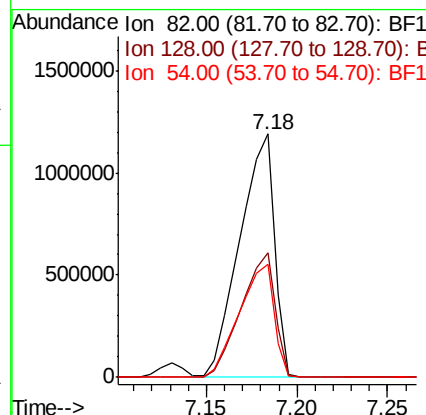
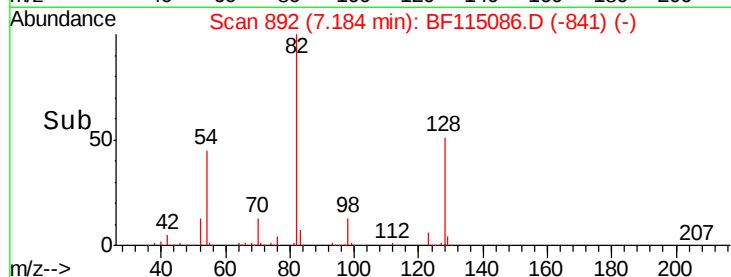
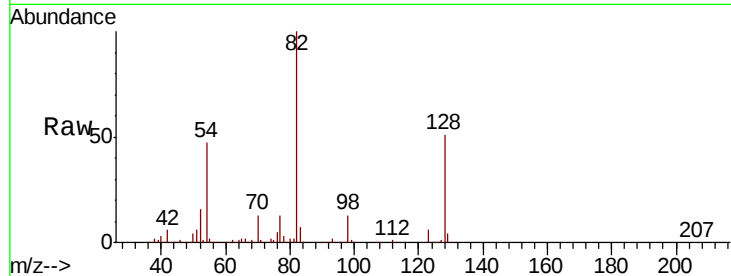
#23
 Nitrobenzene-d5
 Concen: 93.297 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

Tot Ion	82	Resp	1583365
Ion Ratio	100	Lower	Upper
82	100		
128	51.2	40.4	60.6
54	46.7	37.5	56.3

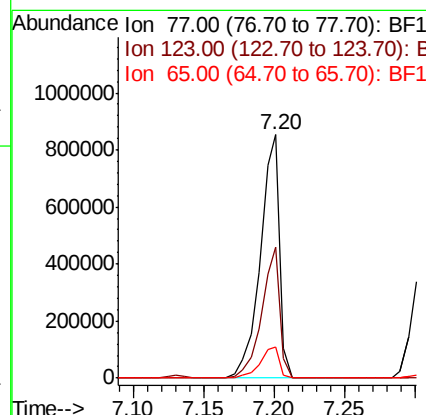
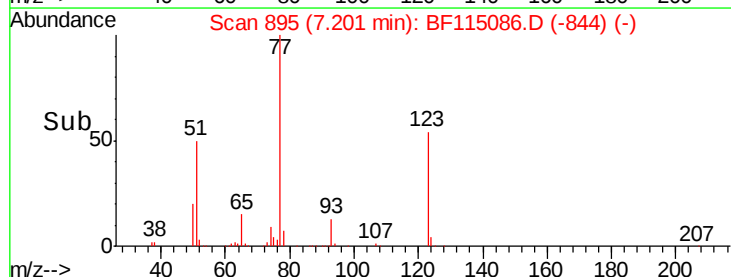
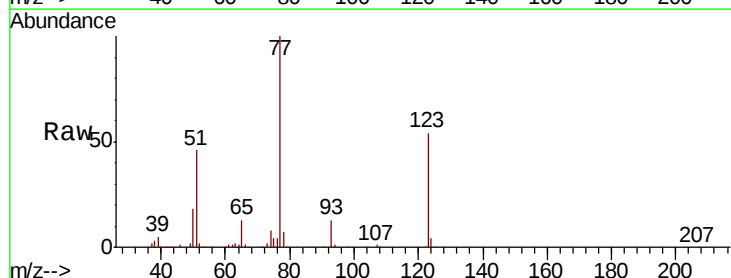
Manual Integrations
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#24
 Nitrobenzene
 Concen: 43.606 ng
 RT: 7.20 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion	77	Resp	815295
Ion Ratio	100	Lower	Upper
77	100		
123	53.5	41.0	61.6
65	13.0	10.5	15.7





#25

Isophorone

Concen: 44.180 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampled :

PB120722BS

Tot Ion: 82 Resp: 1535971

Ion Ratio Lower Upper

82 100

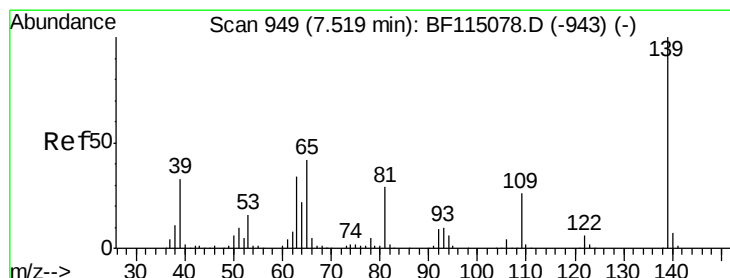
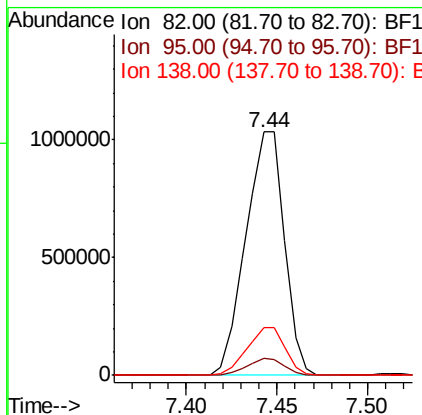
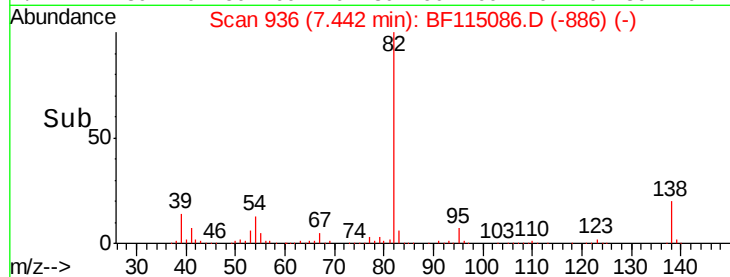
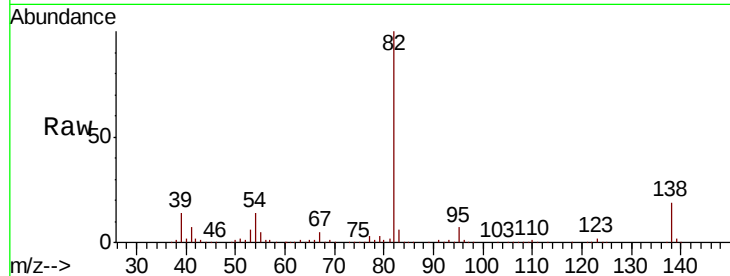
95 6.8 5.4 8.2

138 19.5 15.9 23.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.662 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

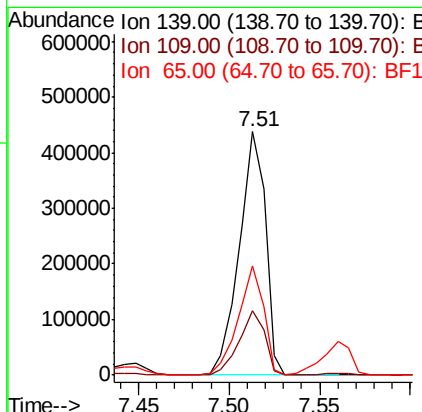
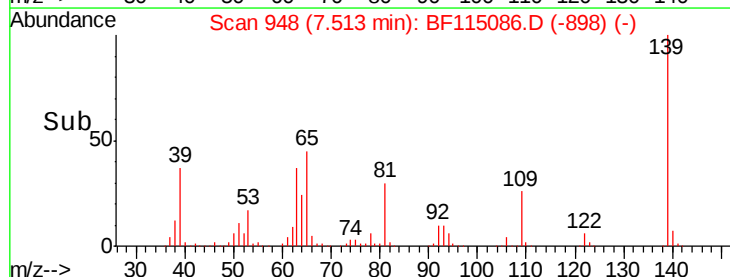
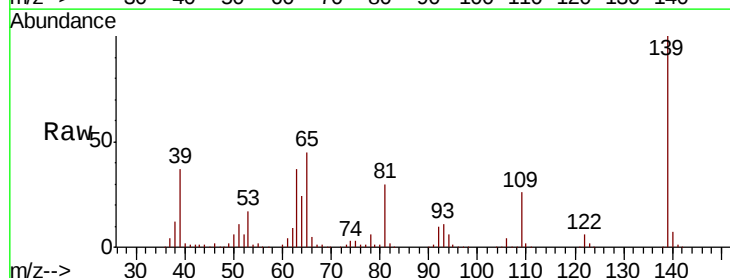
Tgt Ion: 139 Resp: 440073

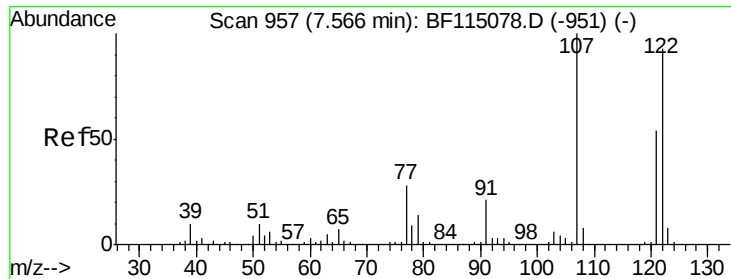
Ion Ratio Lower Upper

139 100

109 26.3 20.4 30.6

65 45.0 33.6 50.4





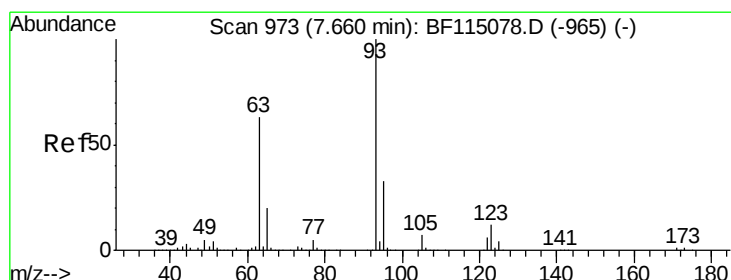
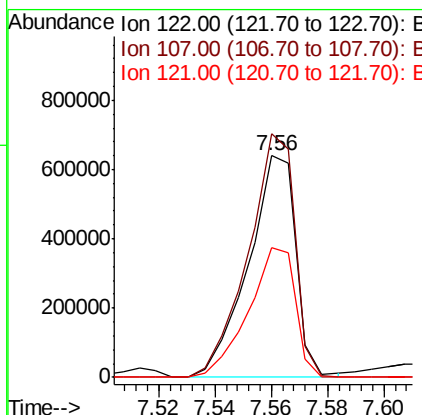
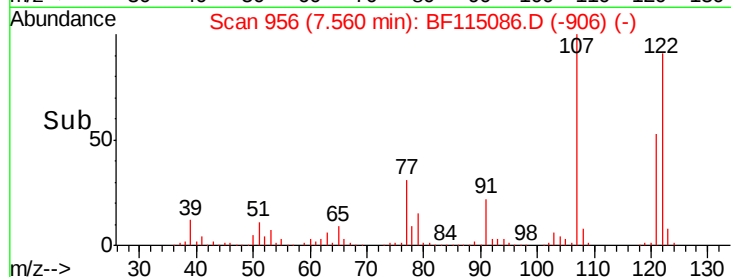
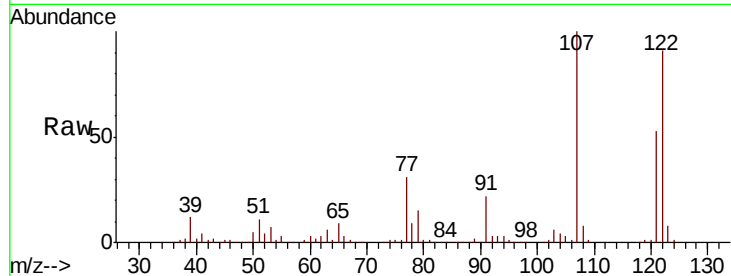
#27
2,4-Dimethylphenol
Concen: 49.498 ng
RT: 7.56 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleID :
PB120722BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.8	85.8	128.6
121	58.6	46.3	69.5

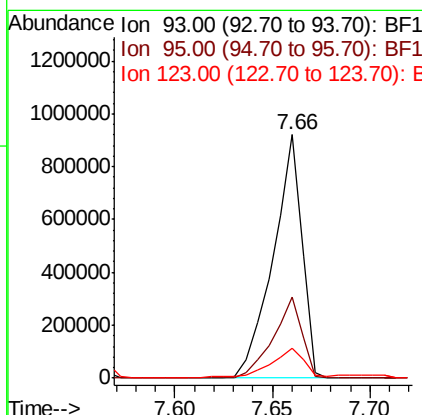
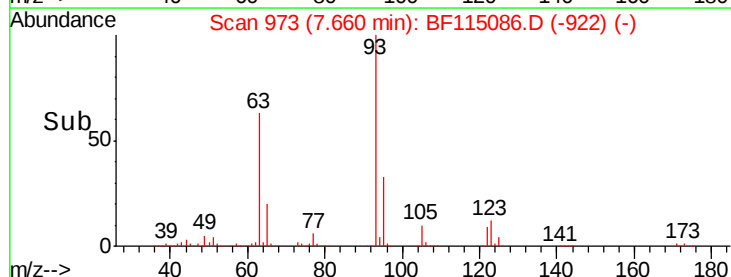
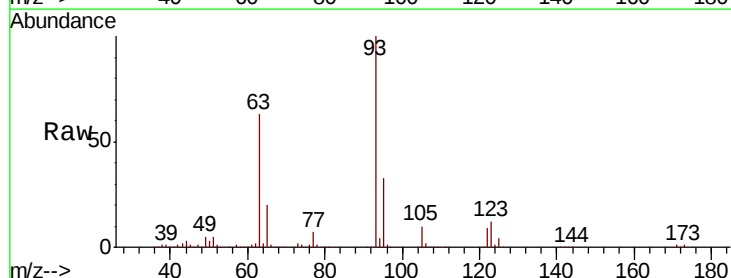
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#28
bis(2-Chloroethoxy)methane
Concen: 43.177 ng
RT: 7.66 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.4	9.7	14.5





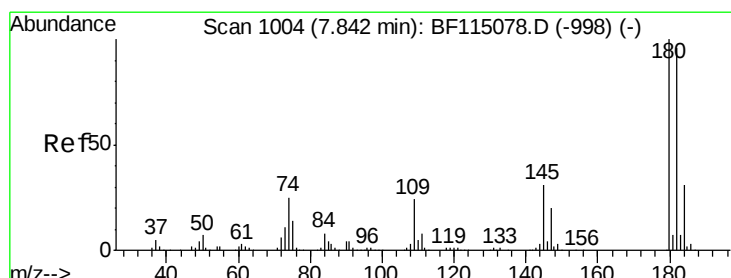
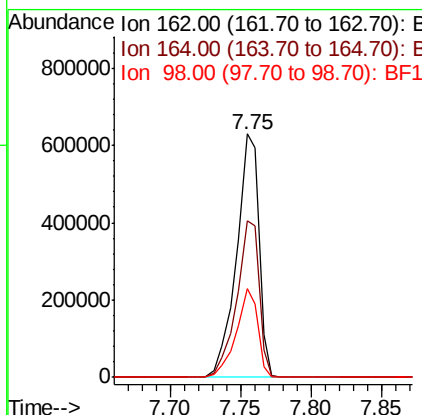
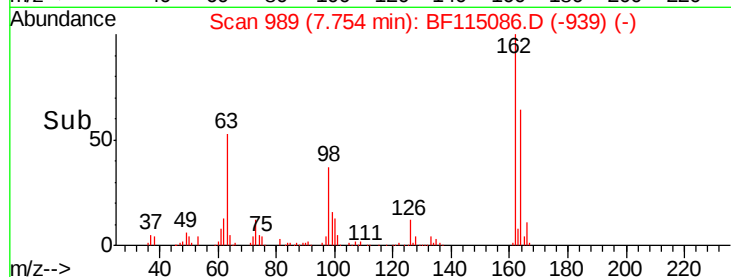
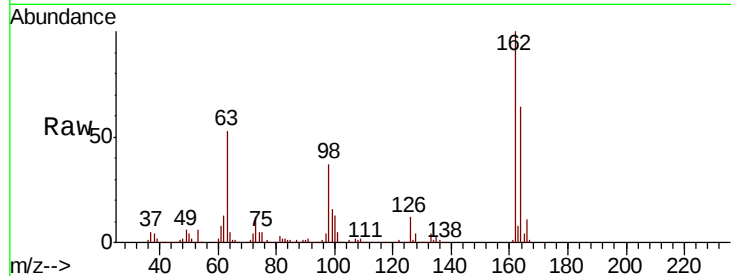
#29
2,4-Dichlorophenol
Concen: 44.796 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	45.3	85.3
98	36.6	12.5	52.5

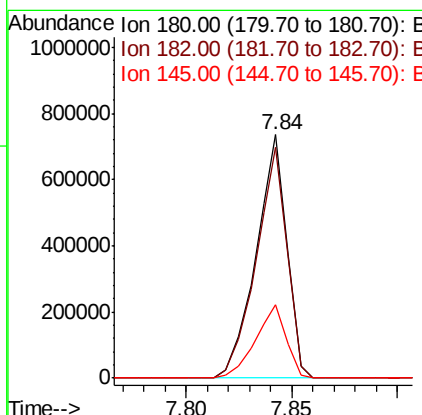
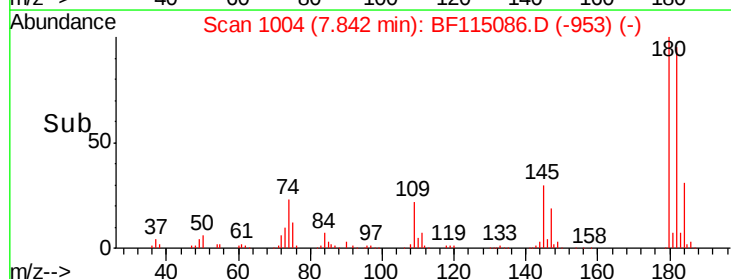
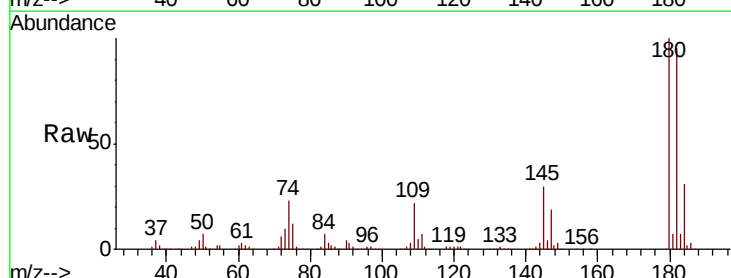
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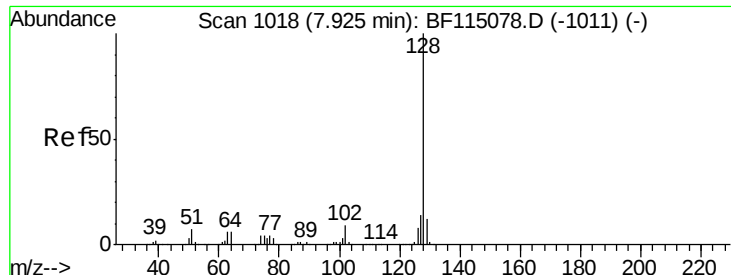
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#30
1,2,4-Trichlorobenzene
Concen: 43.047 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	76.4	114.6
145	30.4	24.8	37.2





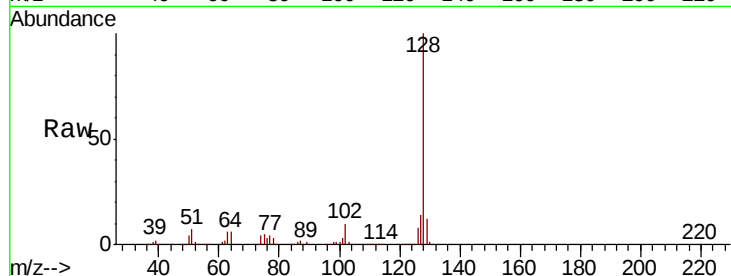
#31
Naphthalene
Concen: 43.692 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.6	14.4
127	14.4	11.4	17.0

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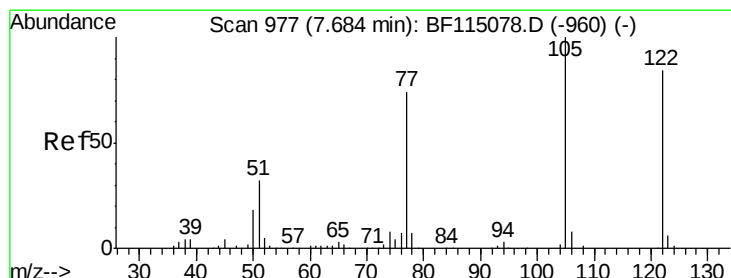
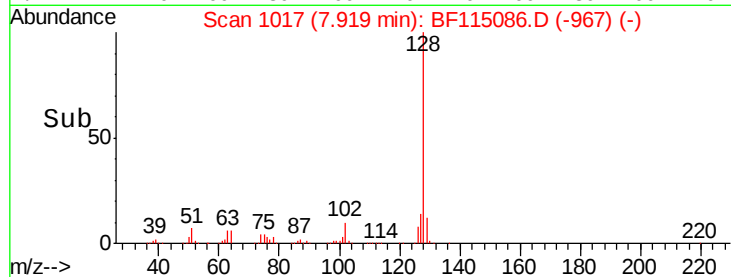
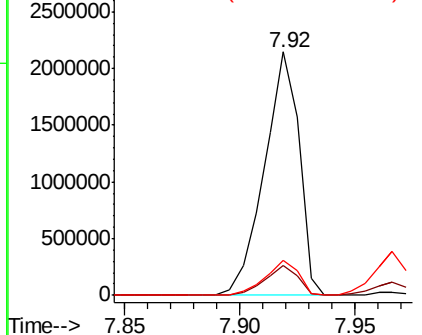


Abundance

Ion 128.00 (127.70 to 128.70): E

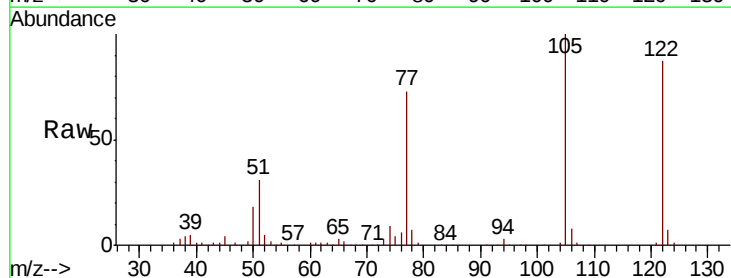
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 55.002 ng
RT: 7.71 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.4	98.2	138.2
77	83.7	67.0	107.0

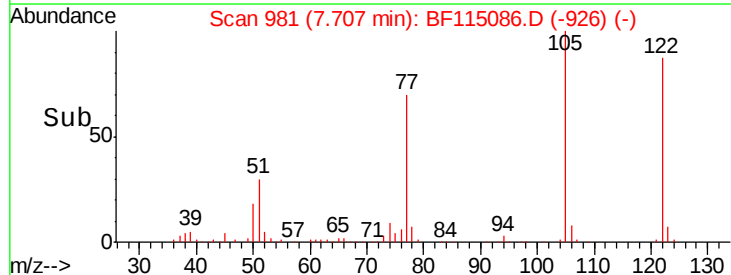
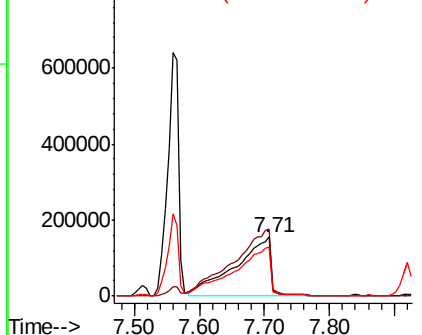


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





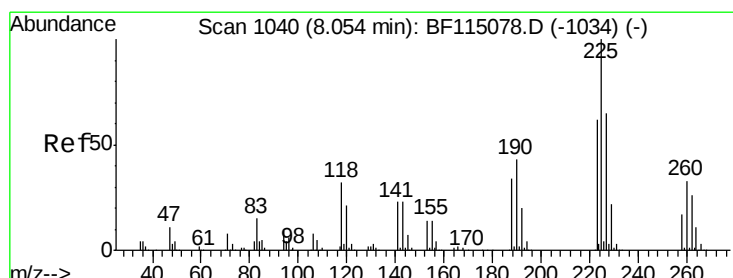
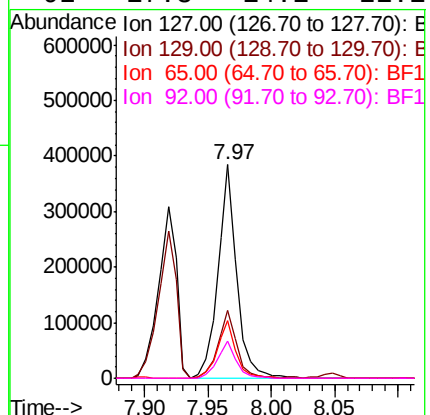
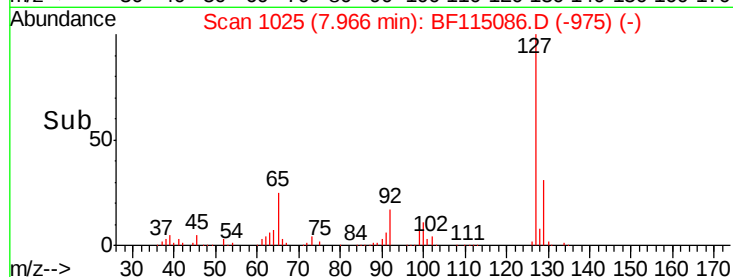
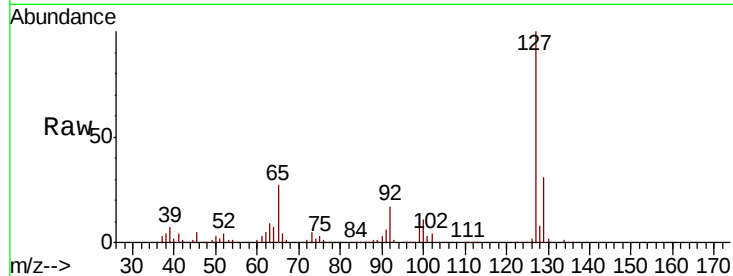
#33
4-Chloroaniline
Concen: 17.070 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	26.1	39.1		
65	26.9	21.4	32.2		
92	17.3	14.1	21.1		

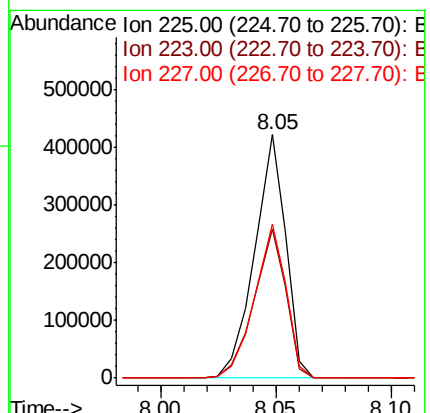
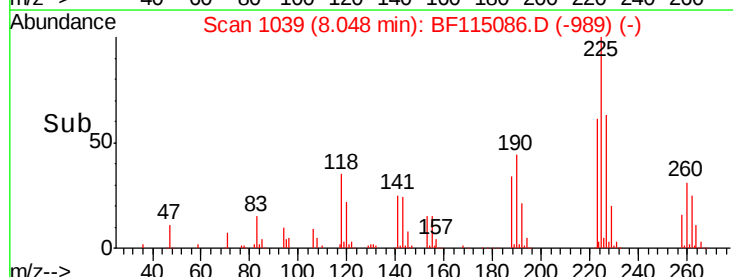
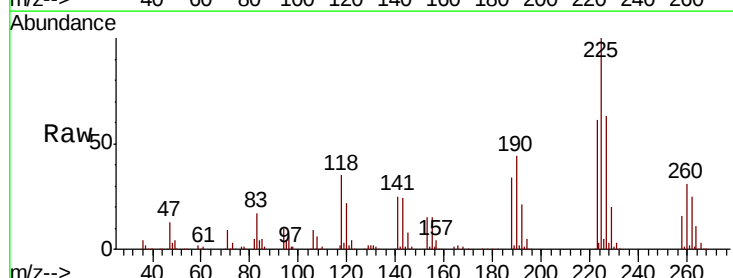
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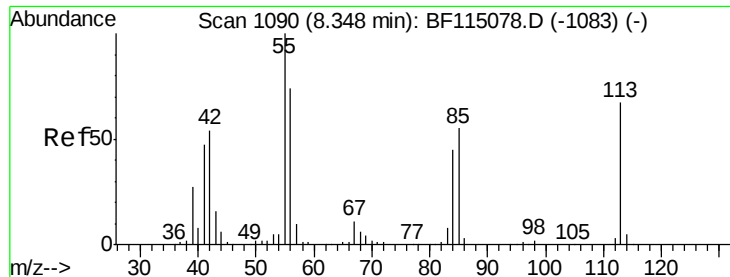
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#34
Hexachlorobutadiene
Concen: 42.169 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	49.4	74.2		
227	63.2	51.8	77.8		





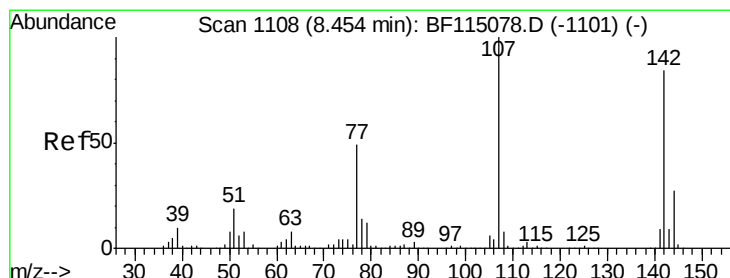
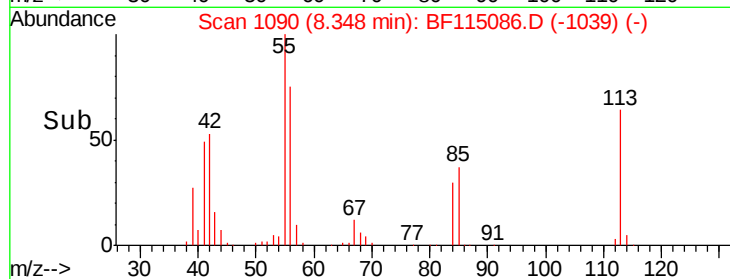
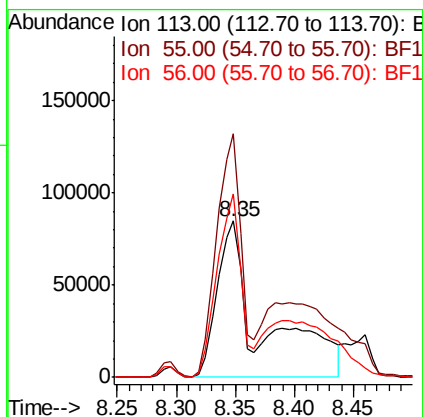
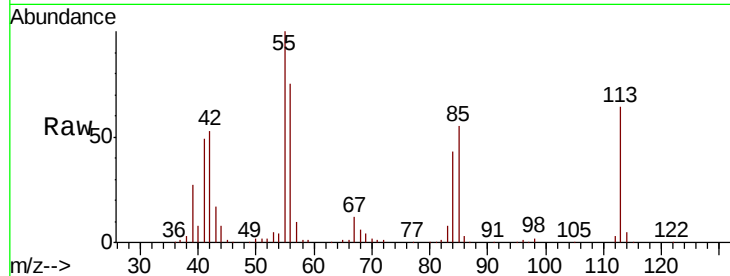
#35
Caprolactam
Concen: 42.132 ng/ml
RT: 8.35 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	155.9	130.2	170.2		
56	117.4	91.6	131.6		

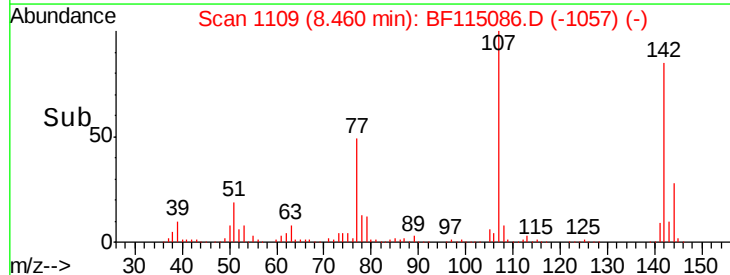
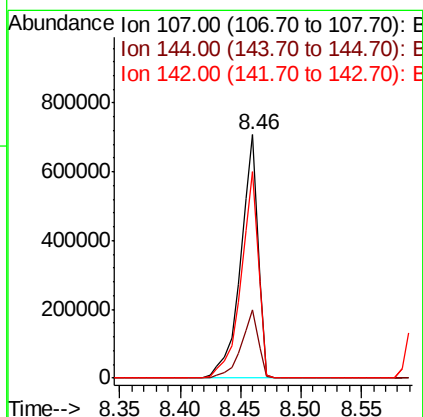
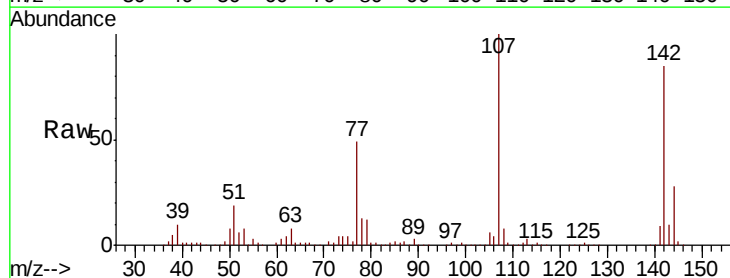
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#36
4-Chloro-3-methylphenol
Concen: 45.078 ng/ml
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.9	21.7	32.5		
142	84.7	67.0	100.4		





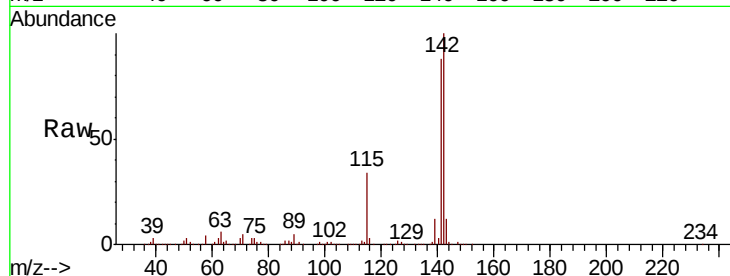
#37
2-Methylnaphthalene
Concen: 45.287 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.8	104.6
115	33.6	26.7	40.1

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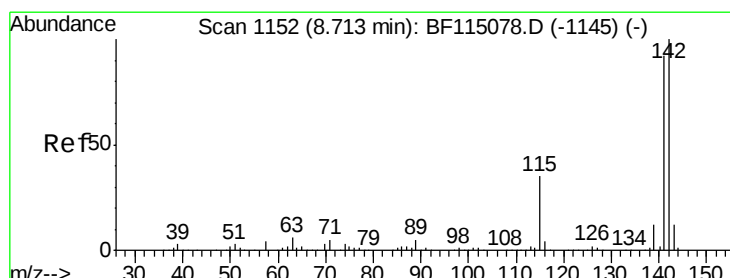
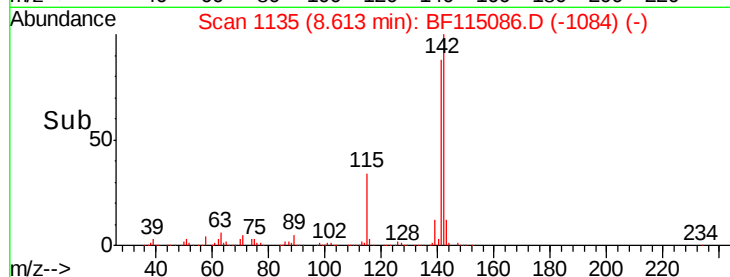
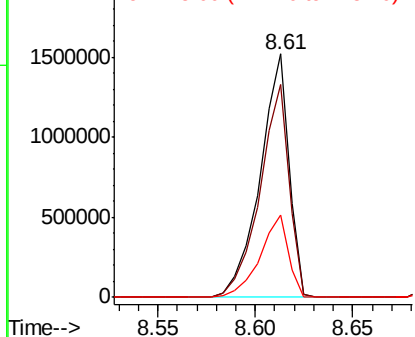


Abundance

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: 45.001 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

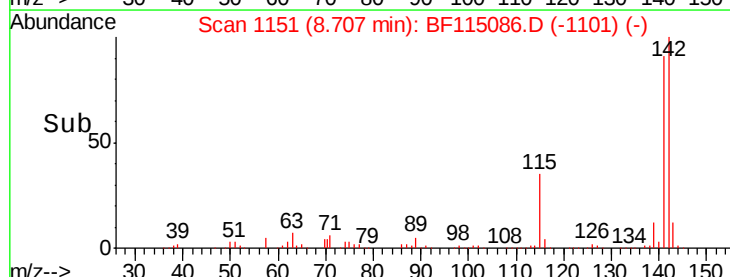
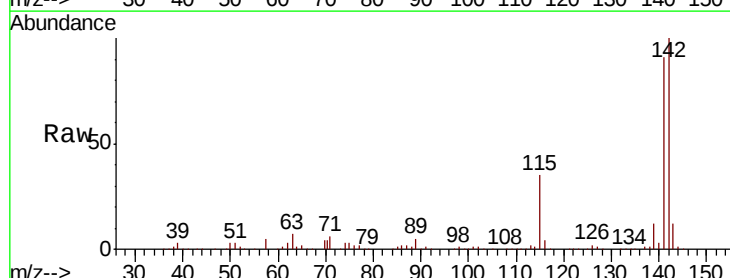
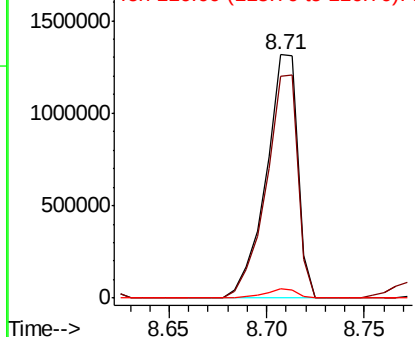
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.8	110.8
116	3.8	2.8	4.2

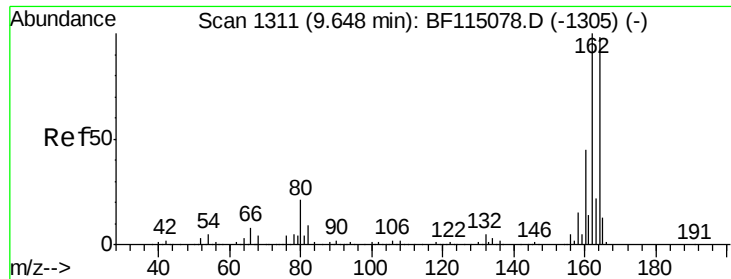
Abundance

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





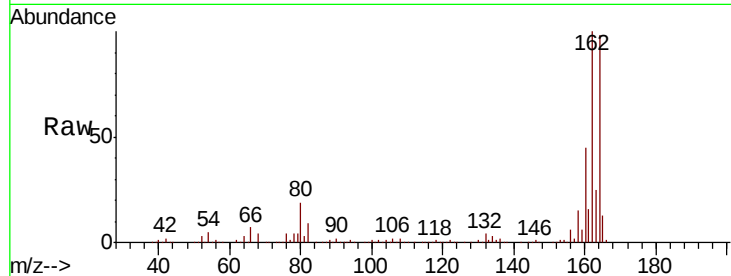
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	81.7	122.5	
160	45.7	37.0	55.4	

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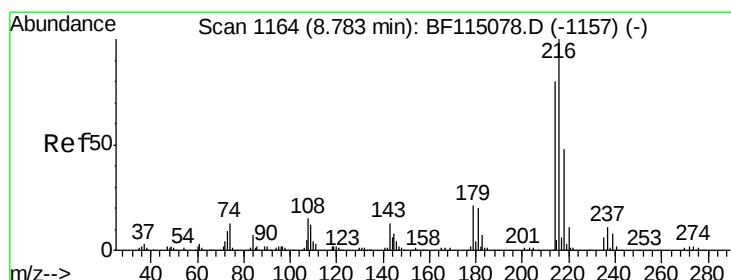
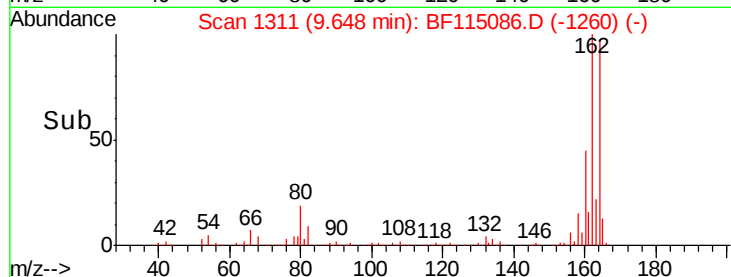
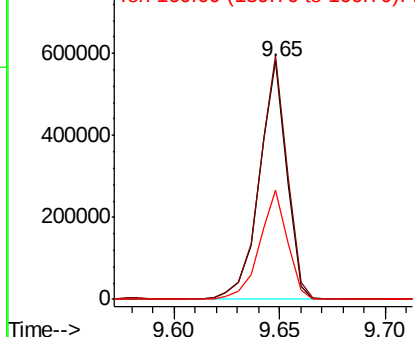


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.414 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.8	95.6	
179	22.3	17.6	26.4	
108	21.1	15.7	23.5	

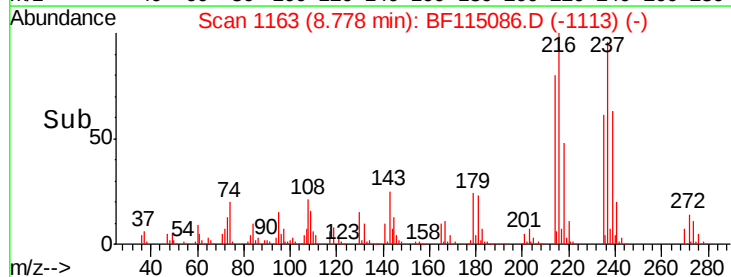
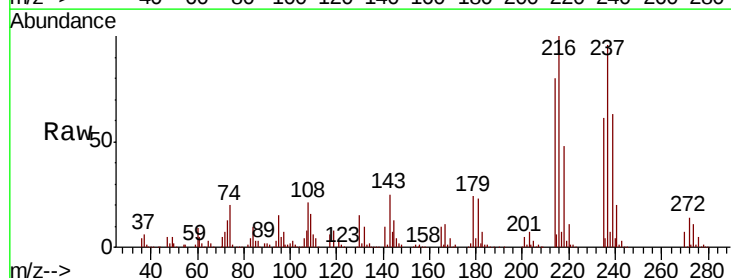
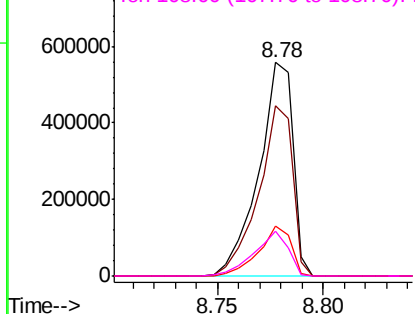
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.566 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

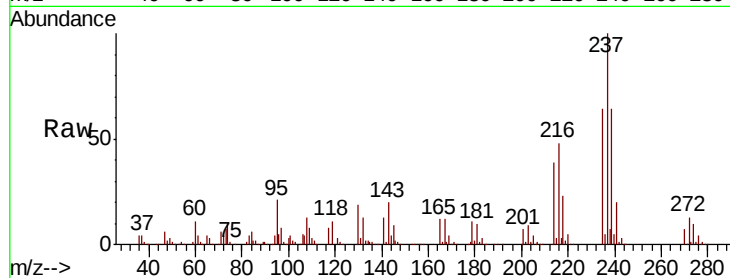
ClientSampleId :

PB120722BS

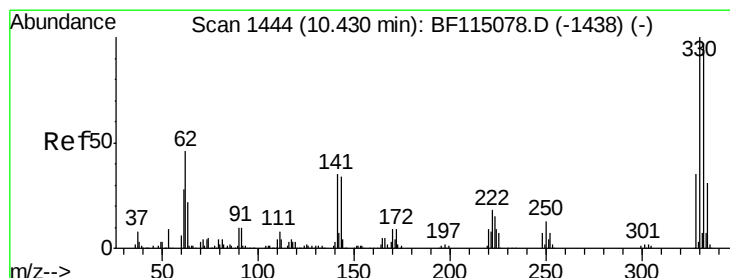
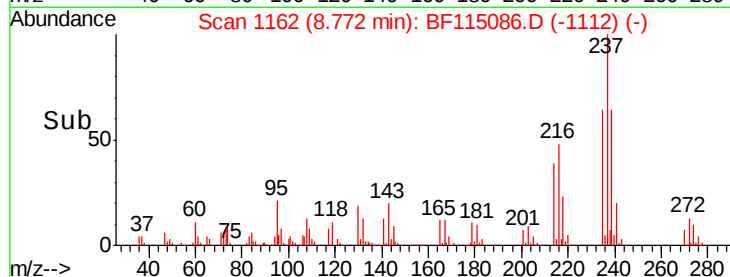
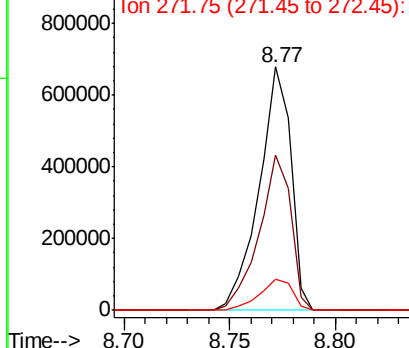
Tot Ion:	237	Resp:	714787
Ion Ratio		Lower	Upper
237	100		
235	63.9	43.9	83.9
272	12.9	0.0	33.8

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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: 129.330 ng

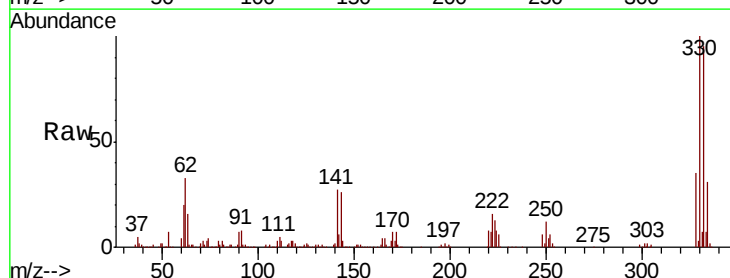
RT: 10.44 min Scan# 1445

Delta R.T. 0.01 min

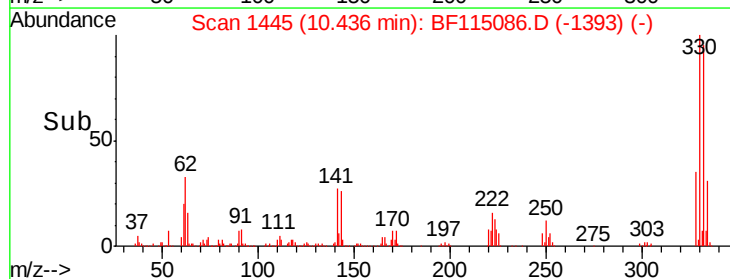
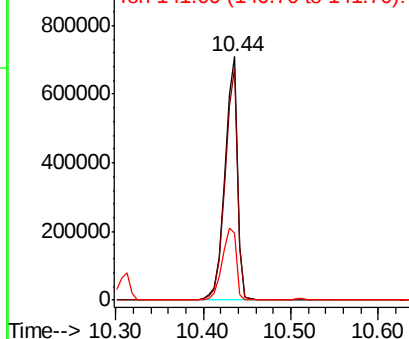
Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Tgt Ion:	330	Resp:	713273
Ion Ratio		Lower	Upper
330	100		
332	94.4	77.3	115.9
141	33.3	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





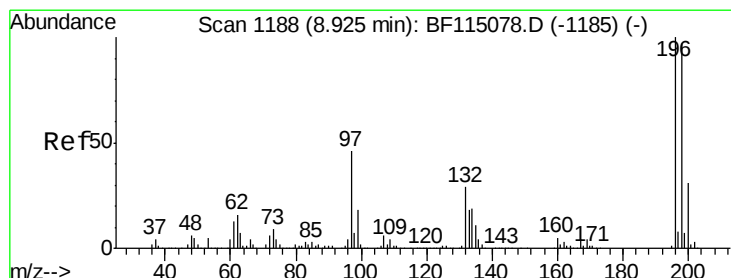
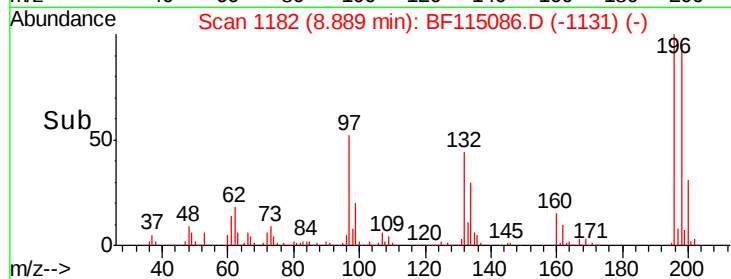
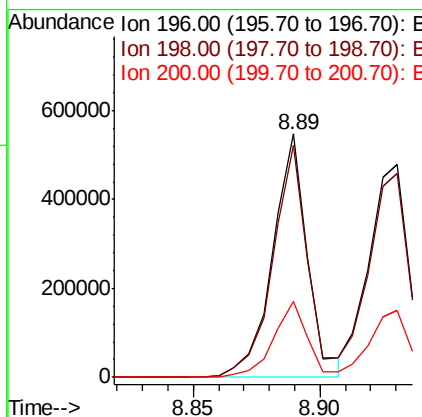
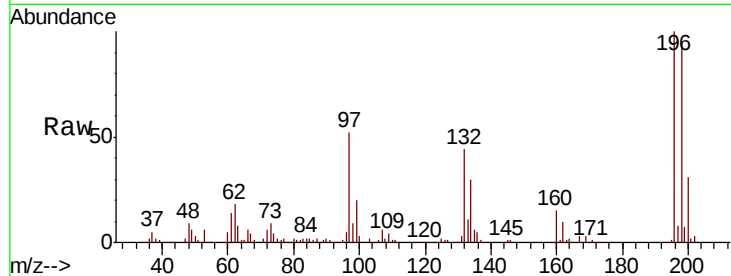
#43
 2,4,6-Trichlorophenol
 Concen: 46.167 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Instrument :
 BNA_F
 ClientSampled :
 PB120722BS

Tot Ion:	196	Resp:	526754
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.3	114.5
200	31.0	24.2	36.4

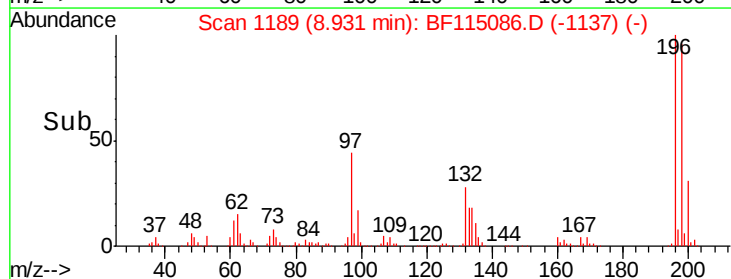
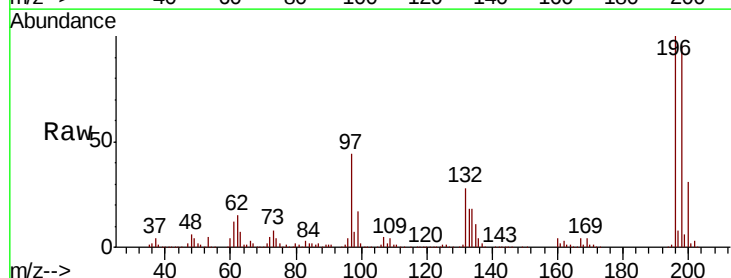
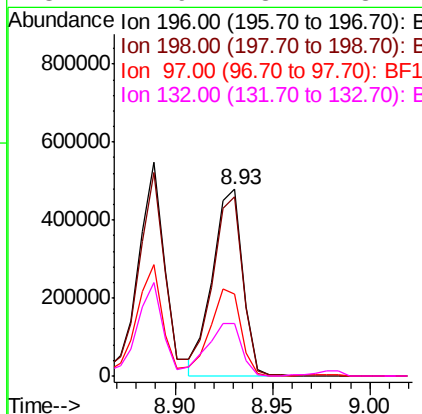
Manual Integrations
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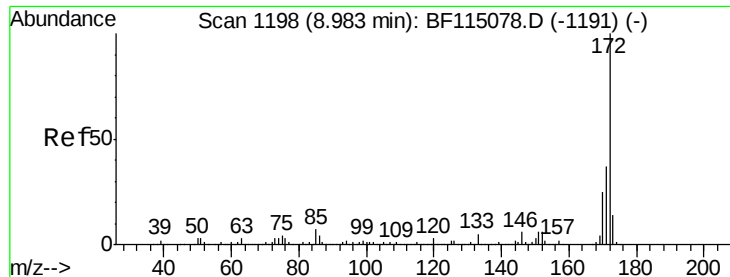
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.043 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion:	196	Resp:	517506
Ion Ratio	Lower	Upper	
196	100		
198	96.1	77.1	115.7
97	43.7	37.7	56.5
132	27.9	23.1	34.7





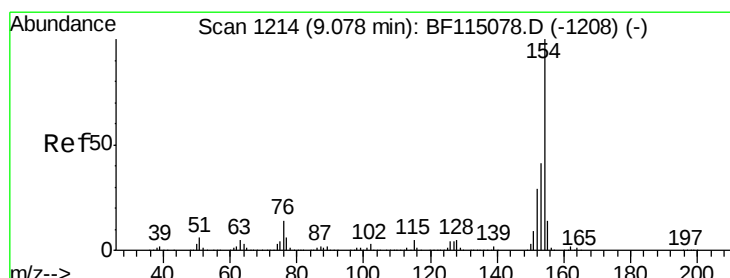
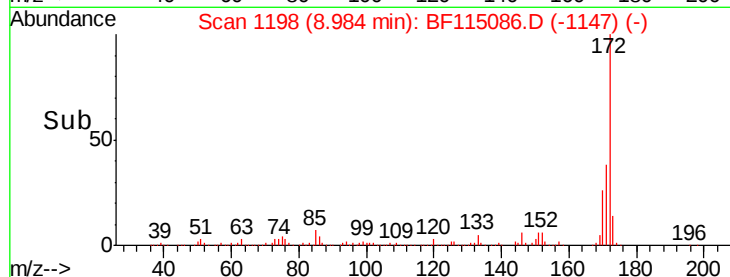
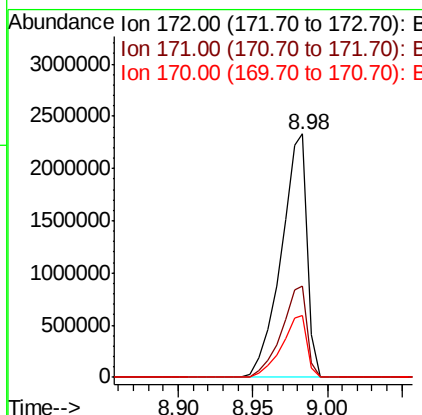
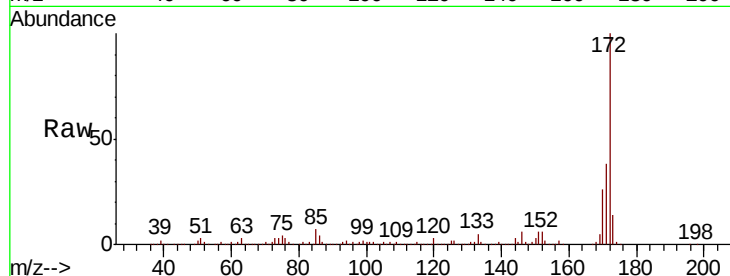
#45
2-Fluorobiphenyl
Concen: 92.202 ng
RT: 8.98 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.6
170	25.6	20.3	30.5

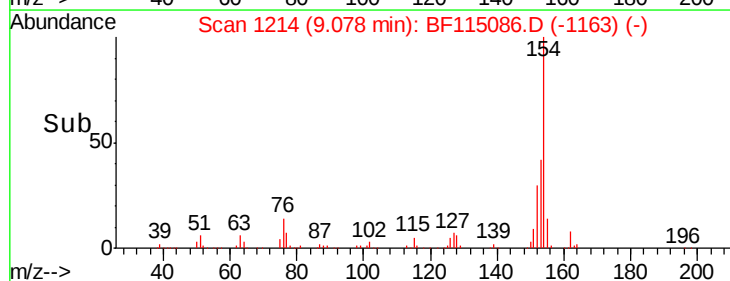
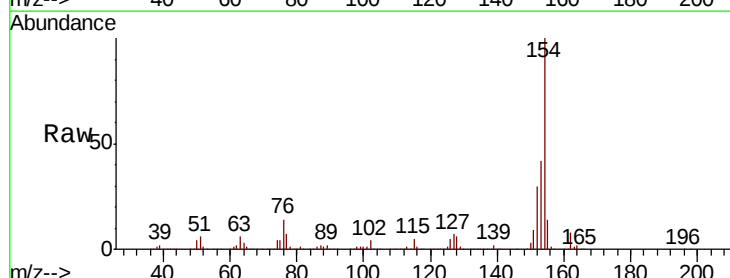
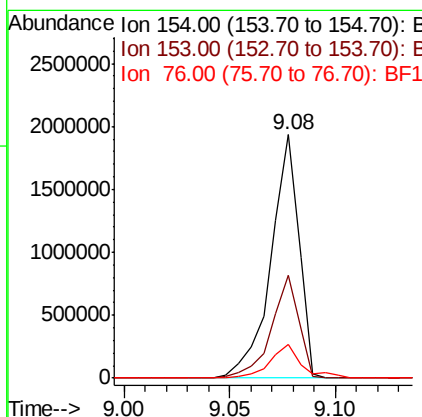
Manual Integrations
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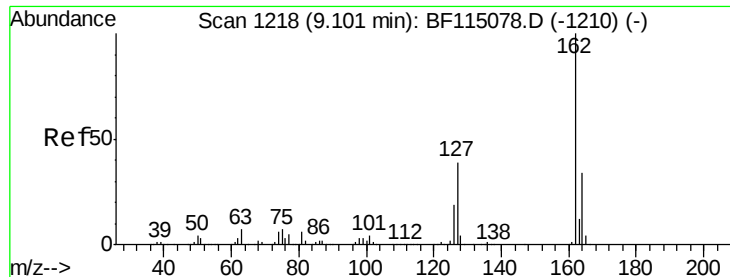
mohammad
6/25/2019 12:41:11 PM



#46
1,1'-Biphenyl
Concen: 42.648 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	20.9	60.9
76	14.0	0.0	34.1





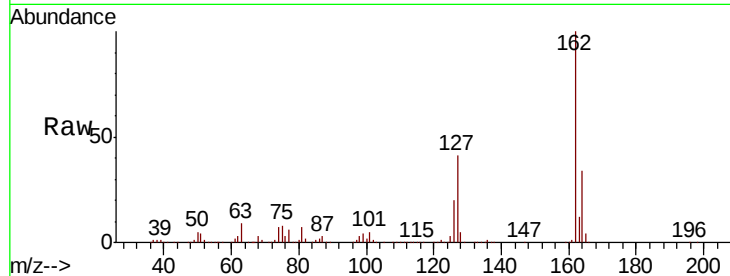
#47
2-Chloronaphthalene
Concen: 42.683 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

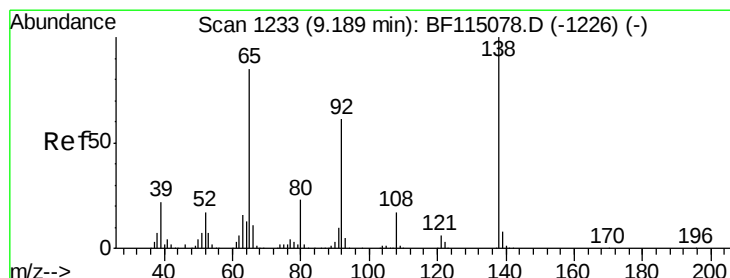
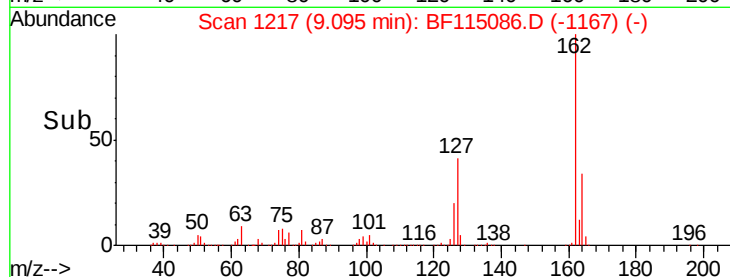
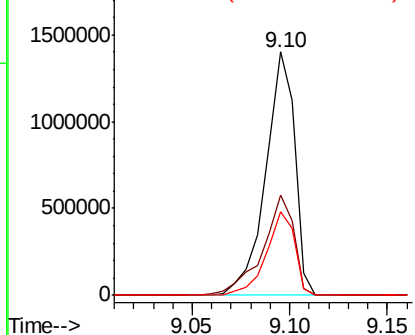
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	30.8	46.2
164	34.3	27.0	40.4

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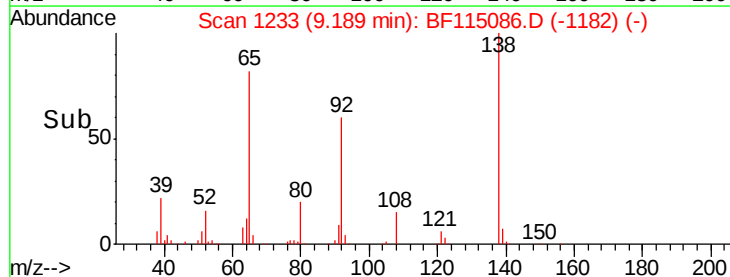
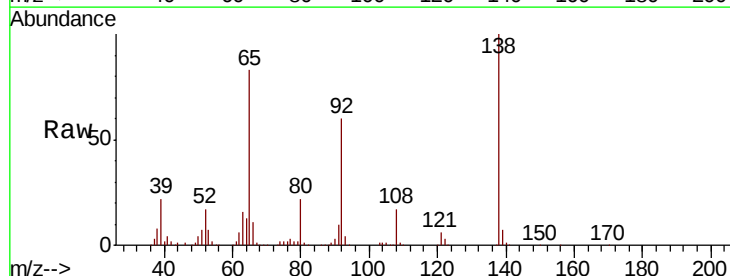
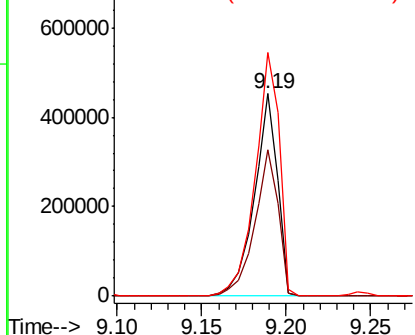
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

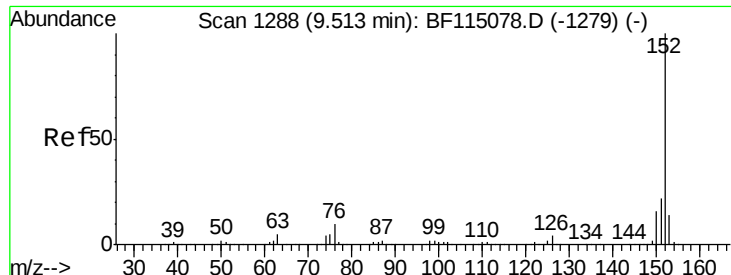


#48
2-Nitroaniline
Concen: 43.657 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	57.4	86.2
138	120.4	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: 42.651 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PB120722BS

Tot Ion:152 Resp: 2255642

Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

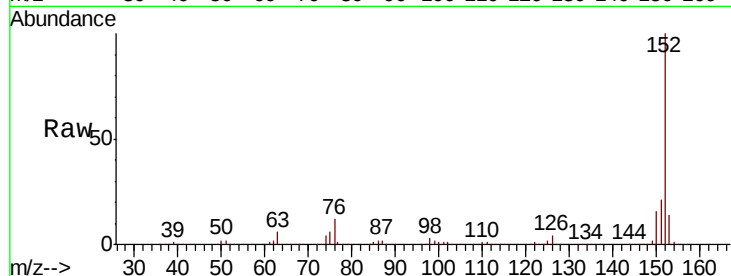
153 14.3 11.0 16.6

Manual Integrations

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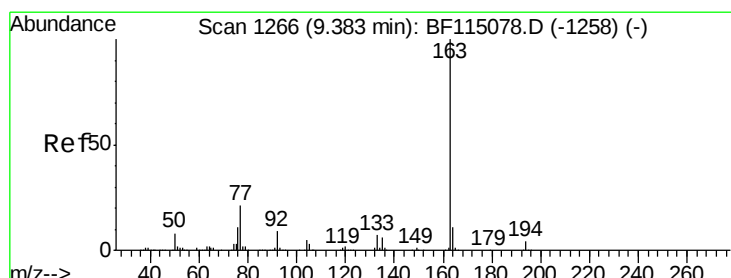
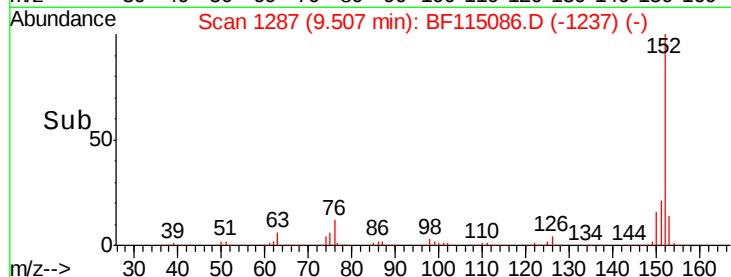
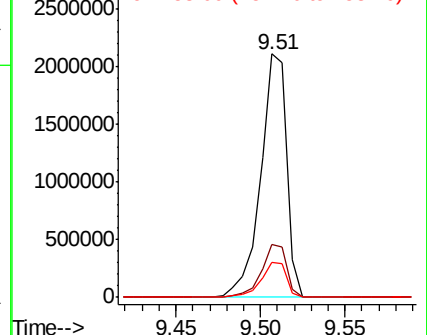
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.471 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

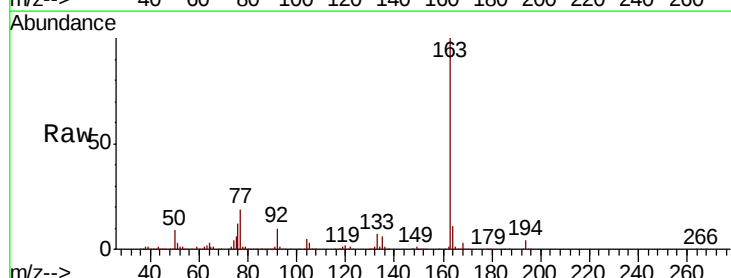
Tgt Ion:163 Resp: 1672672

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

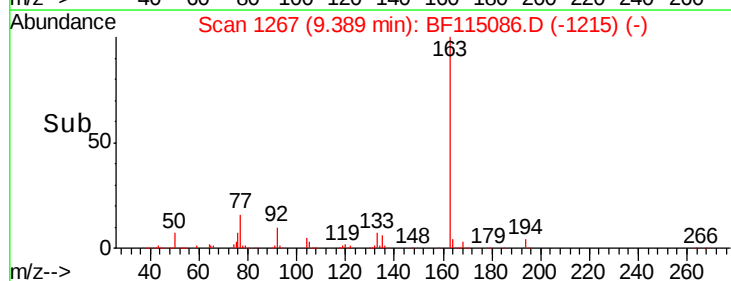
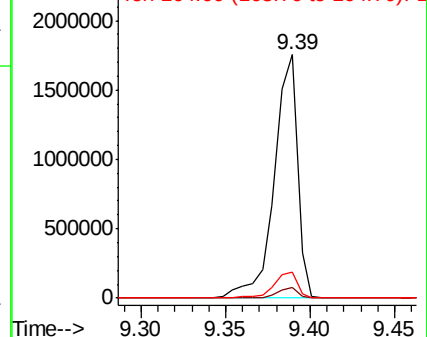
164 10.6 8.6 13.0

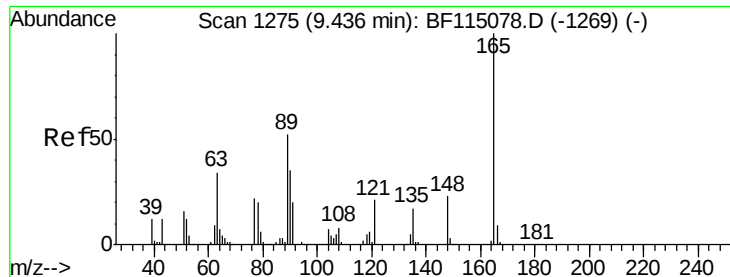


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





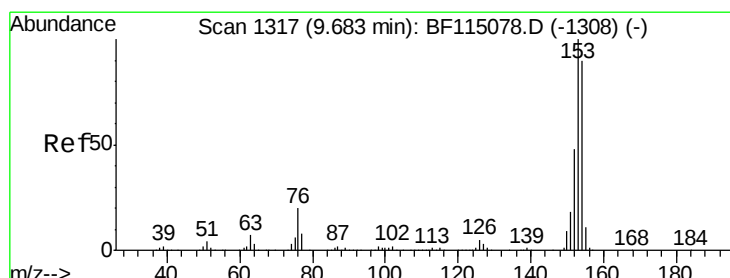
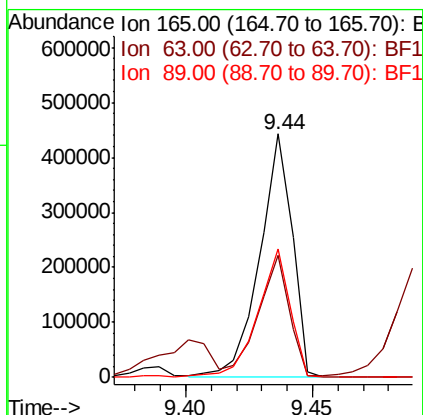
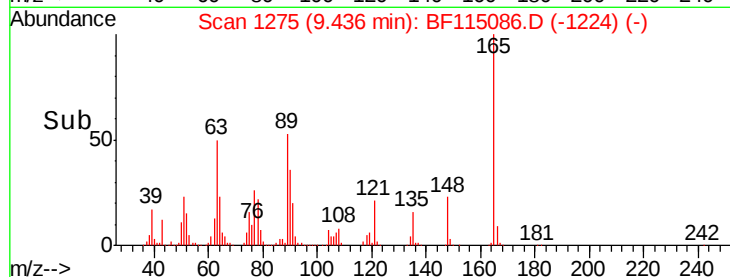
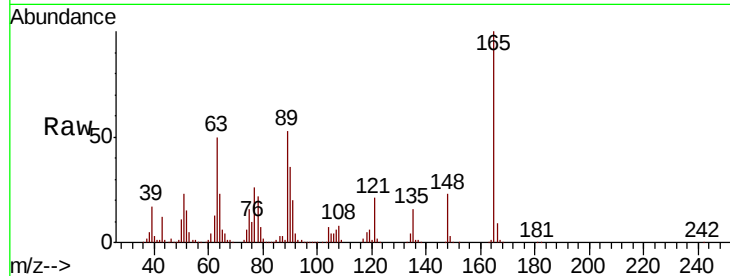
#51
 2,6-Dinitrotoluene
 Concen: 44.962 ng
 RT: 9.44 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	399414		
63	50.1	39.4	59.2	
89	52.5	42.0	63.0	

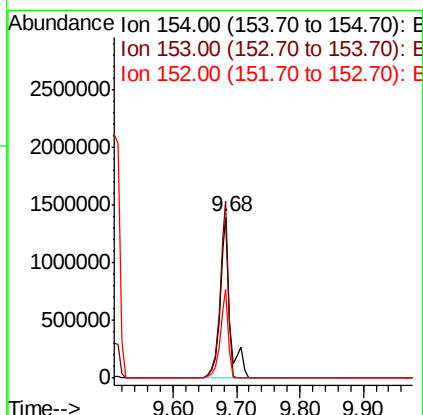
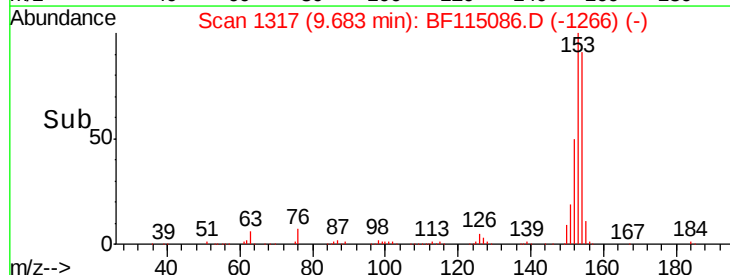
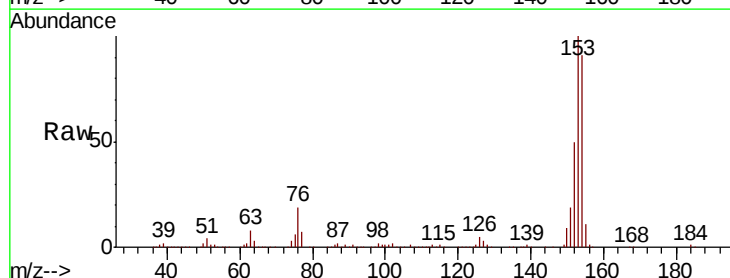
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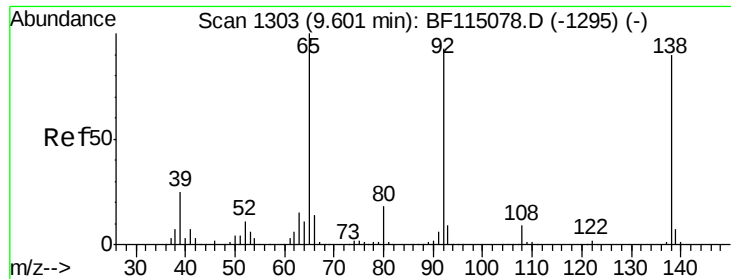
mohammad
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#52
 Acenaphthene
 Concen: 47.390 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1568292		
153	110.5	88.7	133.1	
152	54.9	42.6	64.0	





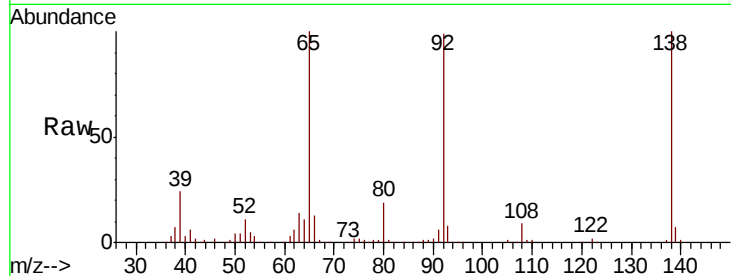
#53
3-Nitroaniline
Concen: 27.460 ng
RT: 9.60 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.8	11.6
92	98.6	82.9	124.3

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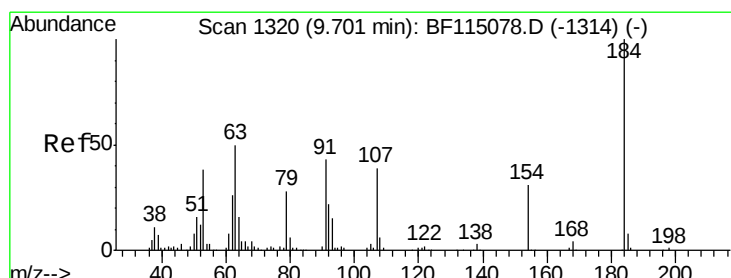
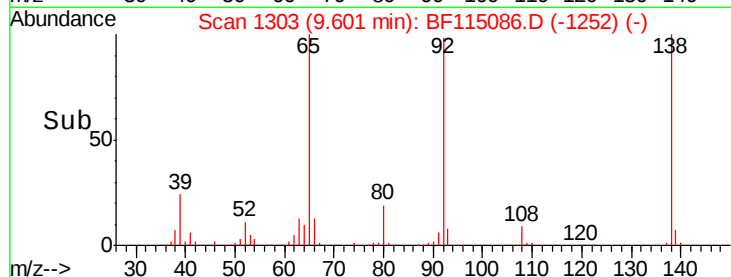
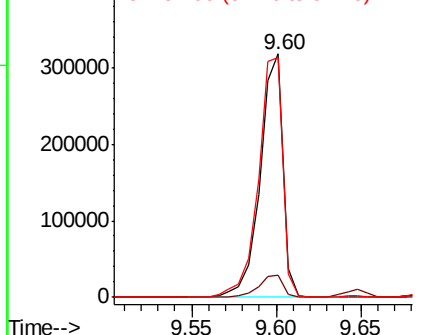


Abundance

Ion 138.00 (137.70 to 138.70): E

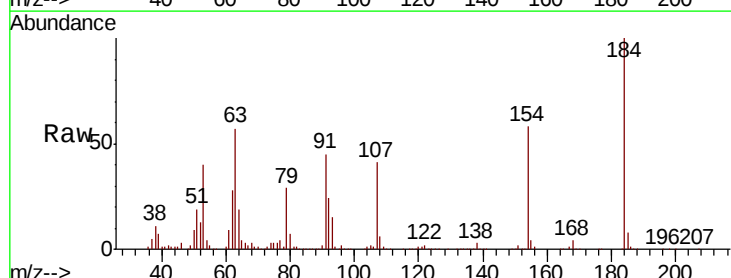
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 93.559 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.2	41.9	62.9
154	57.6	44.7	67.1

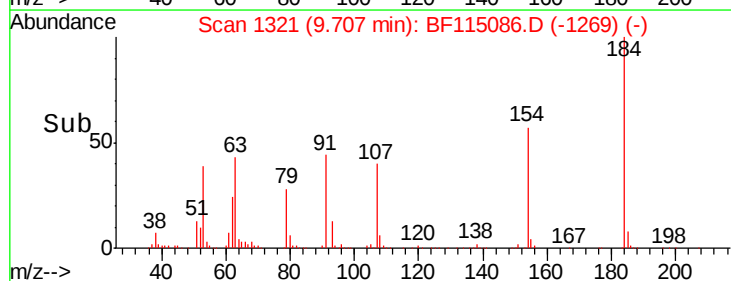
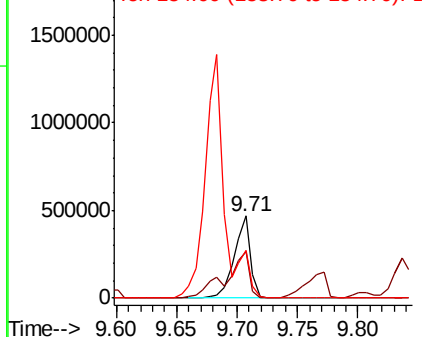


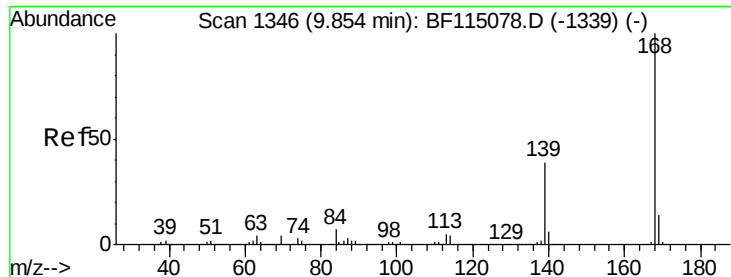
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





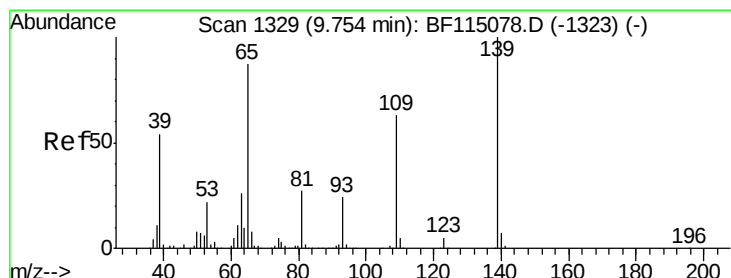
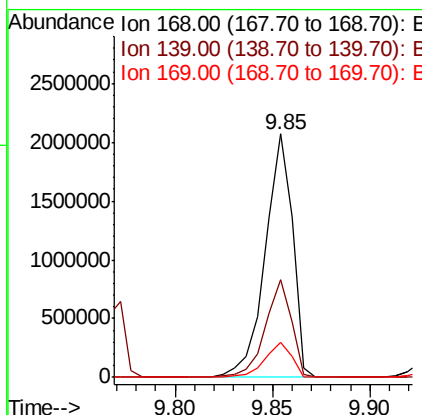
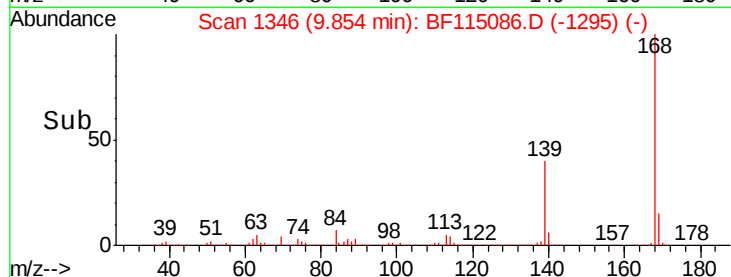
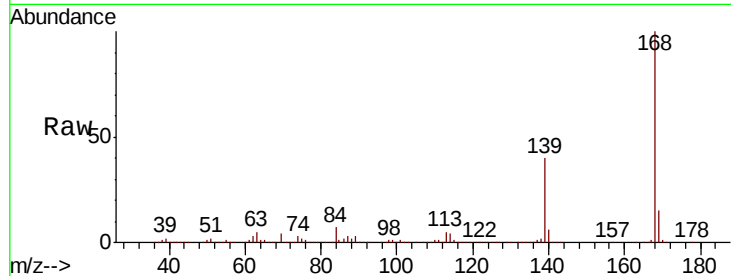
#55
Dibenzofuran
Concen: 42.131 ng
RT: 9.85 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampled :
PB120722BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.1	46.7
169	14.5	11.3	16.9

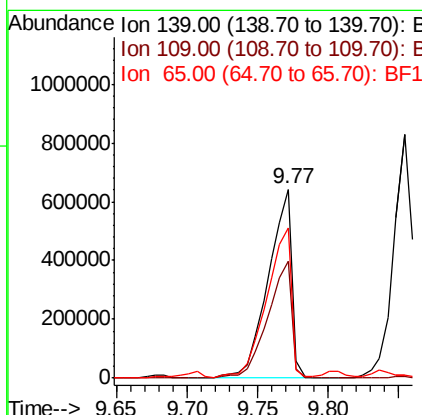
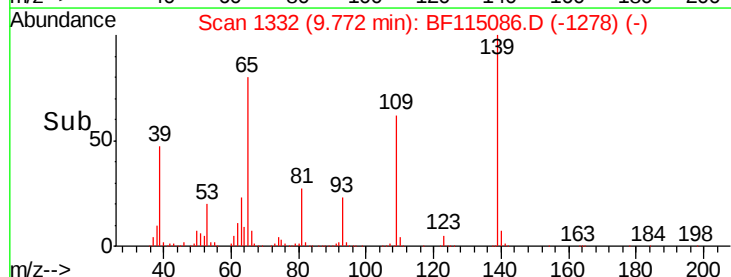
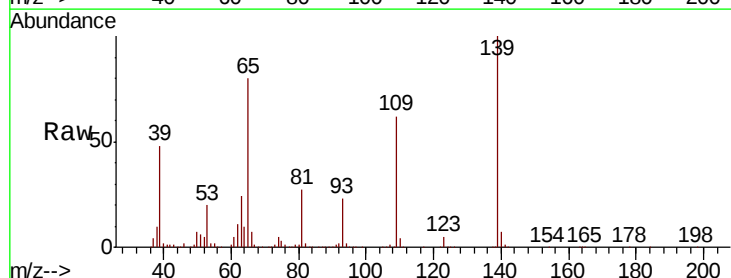
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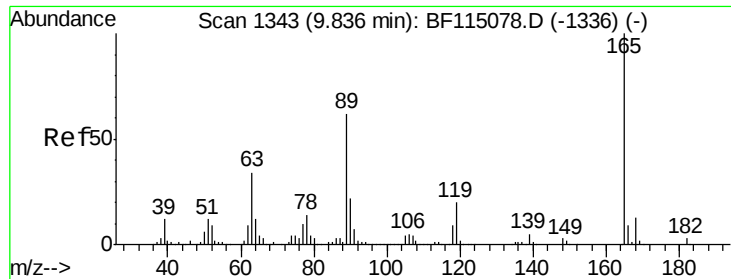
mohammad
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#56
4-Nitrophenol
Concen: 86.367 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.7	43.0	83.0
65	80.0	67.0	107.0





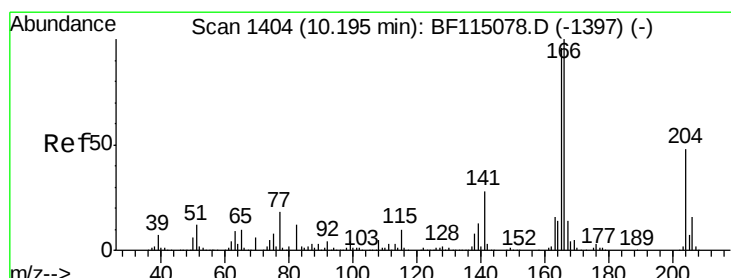
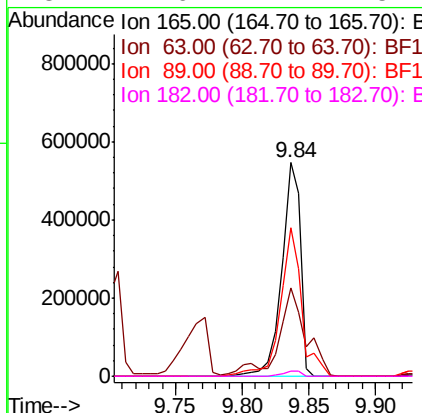
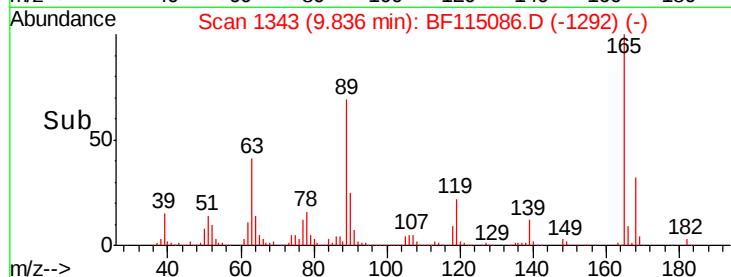
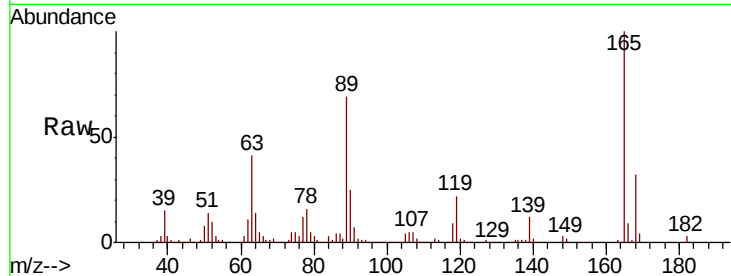
#57
 2,4-Dinitrotoluene
 Concen: 46.896 ng
 RT: 9.84 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.3	27.5	41.3#	
89	69.4	49.9	74.9	
182	2.6	2.1	3.1	

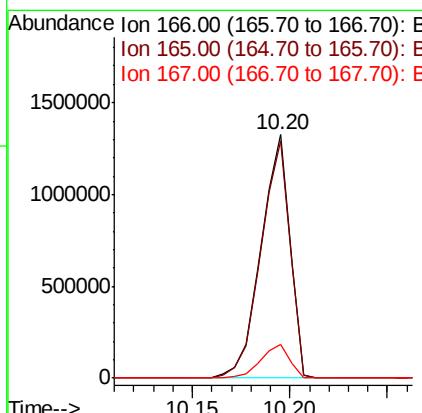
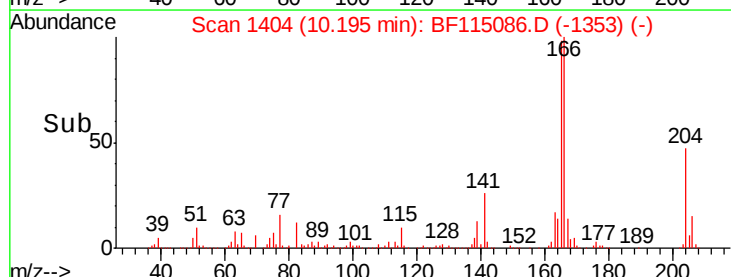
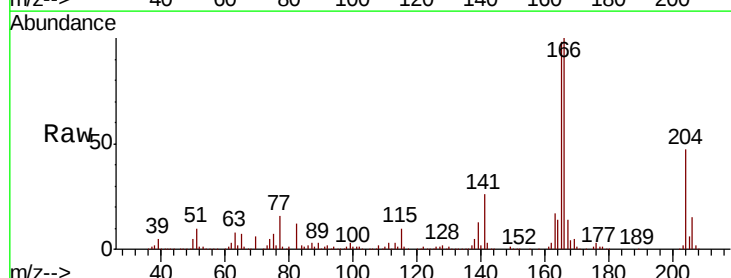
Manual Integrations
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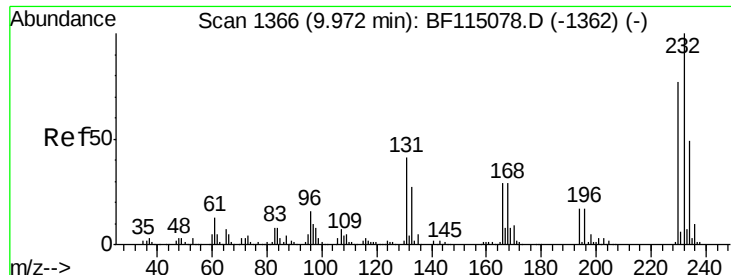
mohammad
 6/25/2019 12:41:11 PM



#58
 Fluorene
 Concen: 42.650 ng
 RT: 10.20 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.5	76.5	114.7	
167	13.8	11.0	16.4	





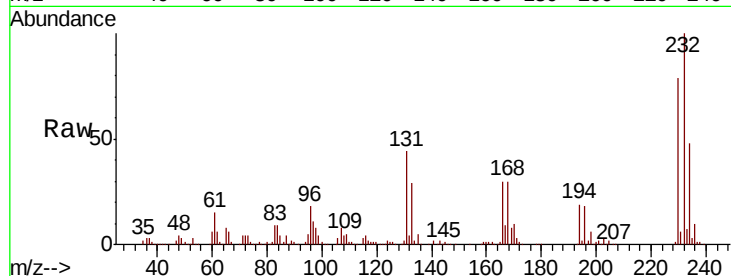
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.229 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

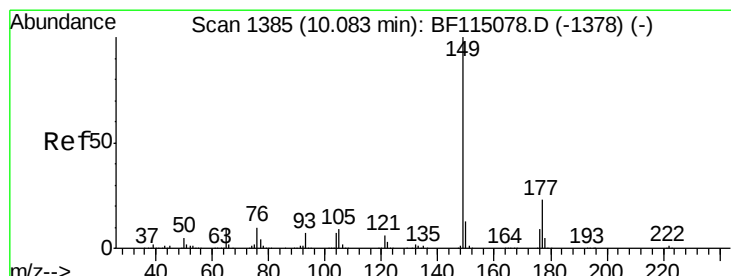
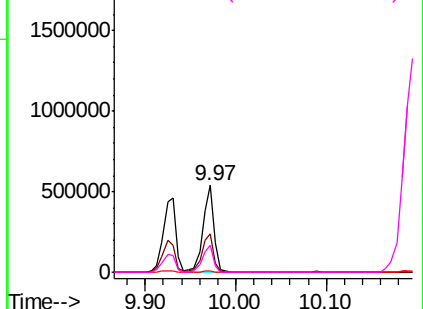
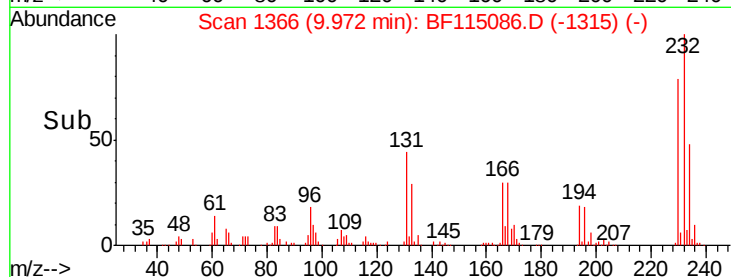
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.4	56.0
130	2.3	1.8	2.6
166	30.8	24.6	36.8

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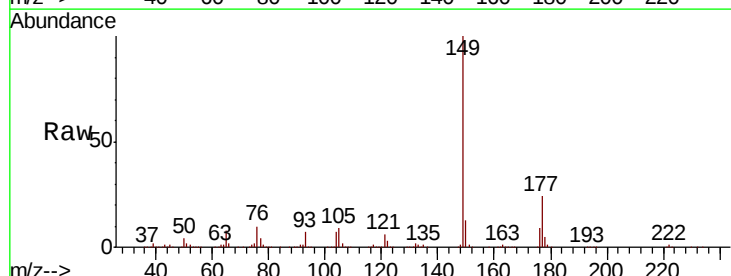


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

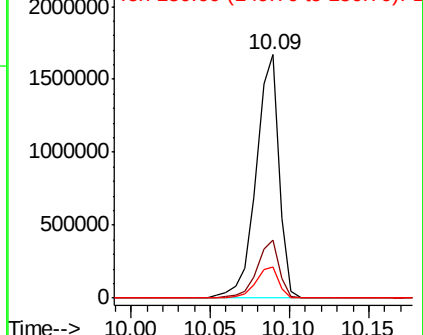
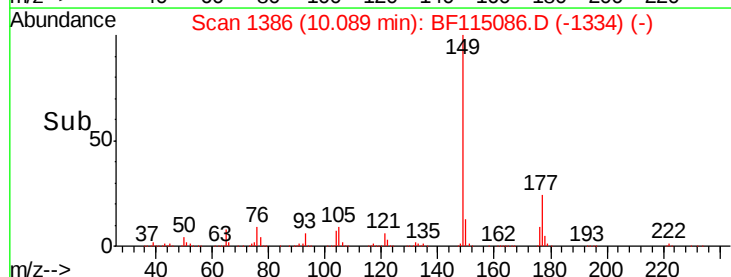


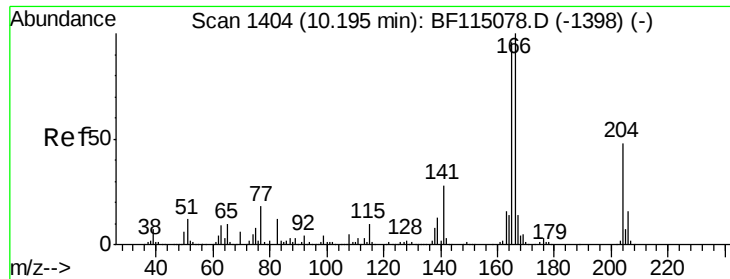
#60
 Diethylphthalate
 Concen: 43.553 ng
 RT: 10.09 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.7	28.1
150	12.7	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





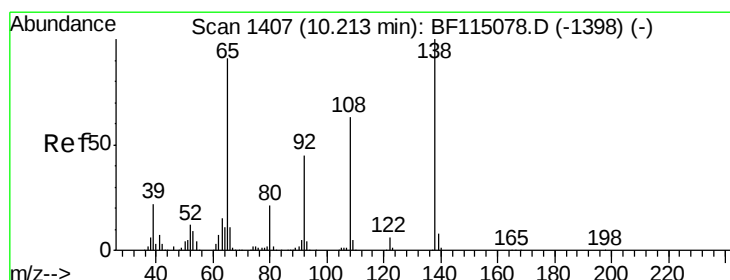
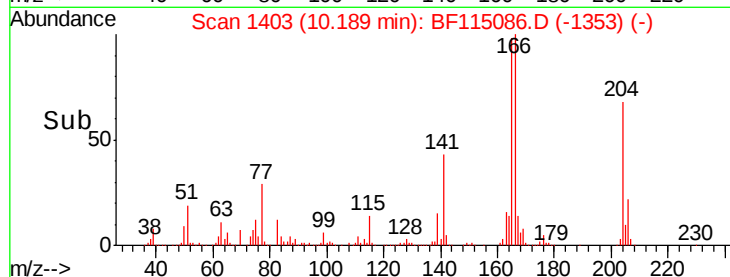
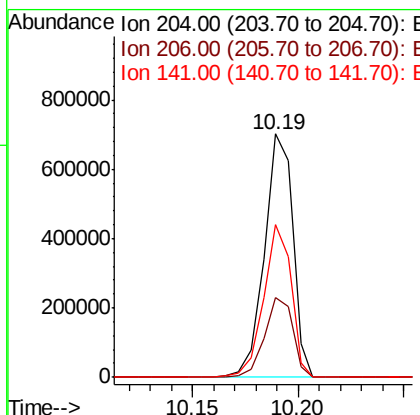
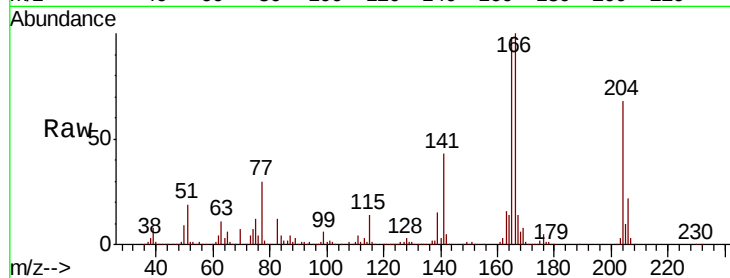
#61
4-Chlorophenyl-phenylether
Concen: 43.576 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampled :
PB120722BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	40.0
141	62.8	46.7	70.1

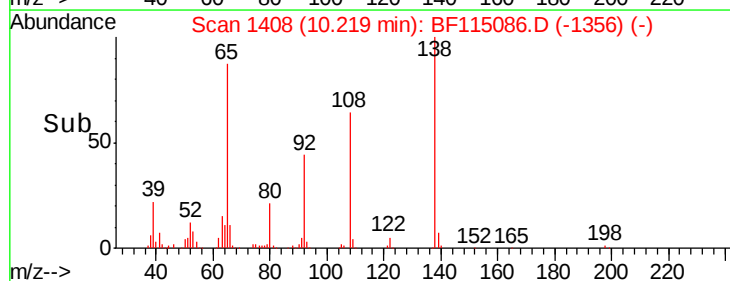
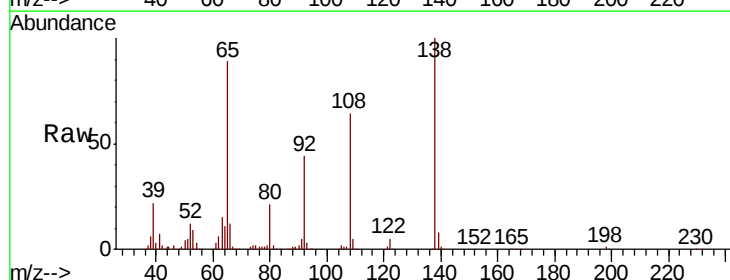
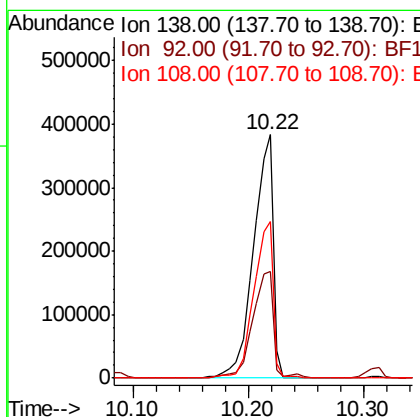
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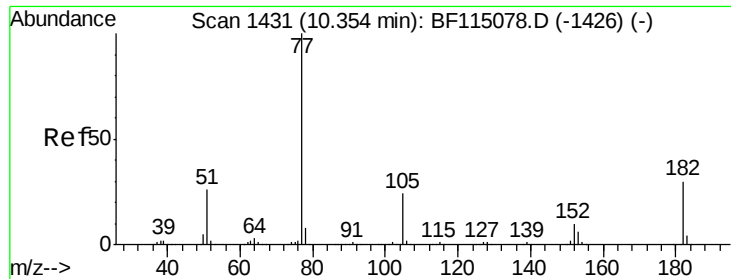
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#62
4-Nitroaniline
Concen: 42.027 ng
RT: 10.22 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.8	24.8	64.8
108	64.4	43.3	83.3





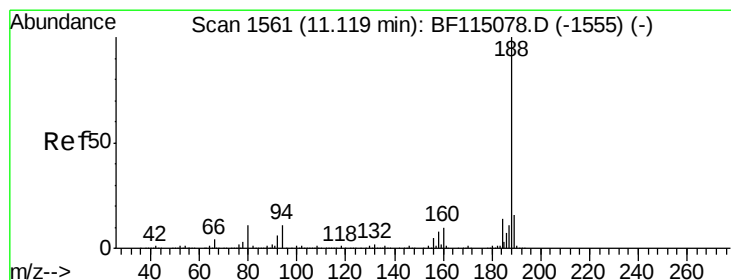
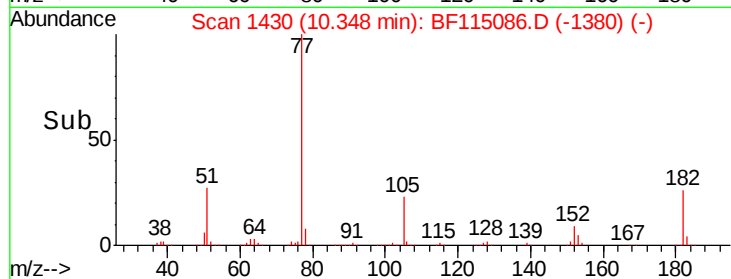
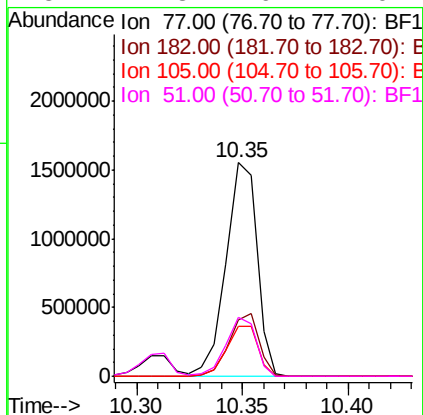
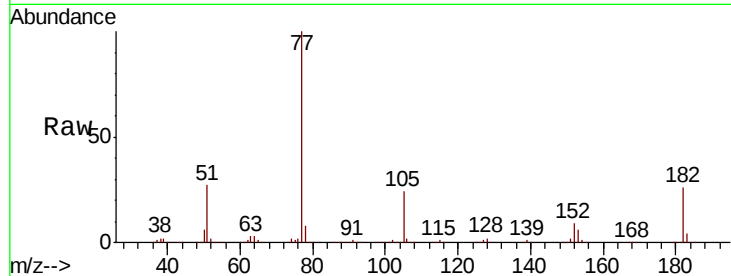
#63
Azobenzene
Concen: 43.602 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.2	10.1	50.1
105	23.6	4.5	44.5
51	27.3	6.4	46.4

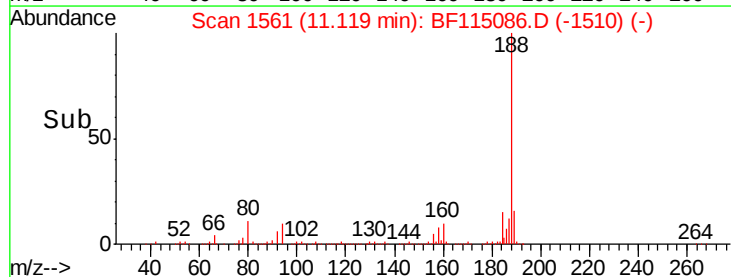
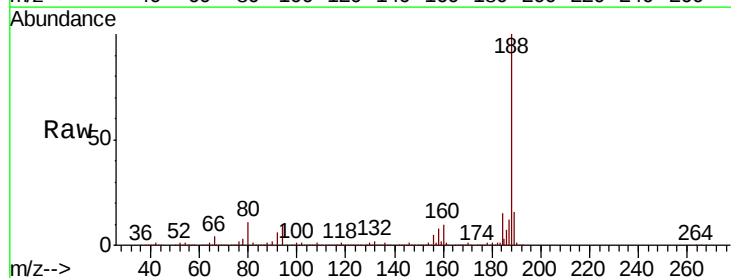
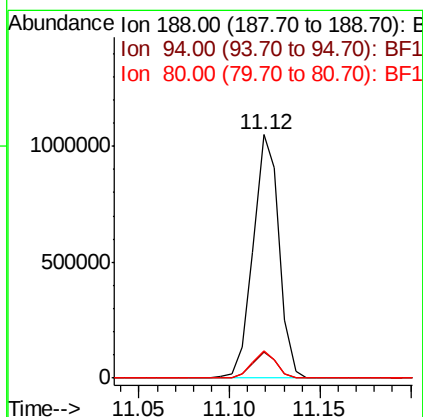
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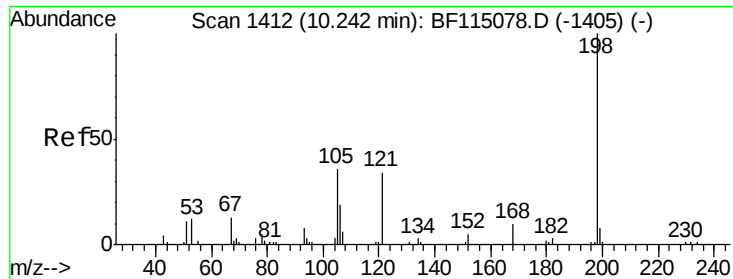
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	12.8
80	11.2	8.8	13.2





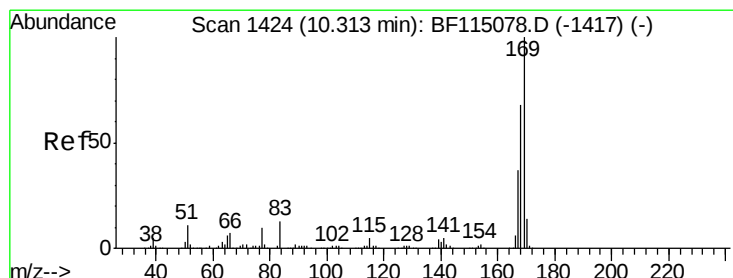
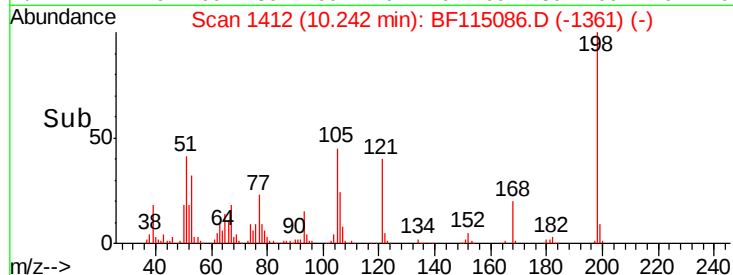
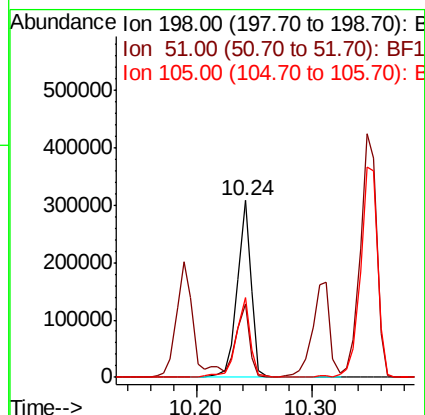
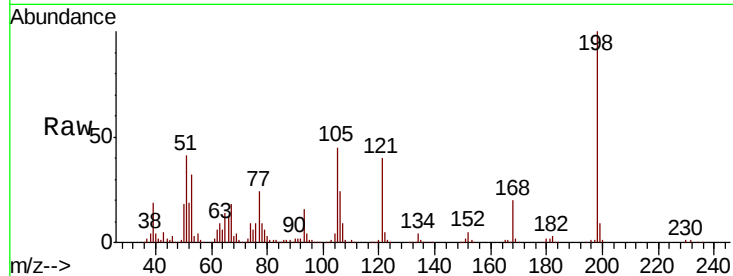
#65
4,6-Dinitro-2-methylphenol
Concen: 46.713 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampled :
PB120722BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	257458		
51	41.2		11.0	51.0
105	45.1		17.3	57.3

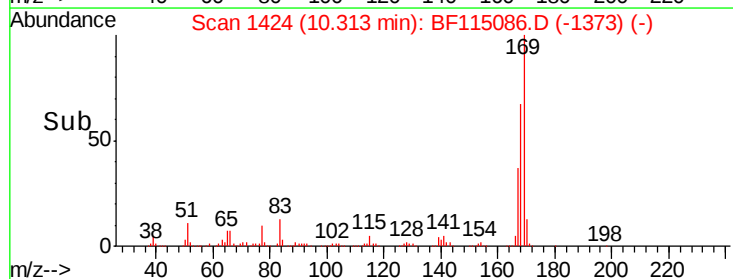
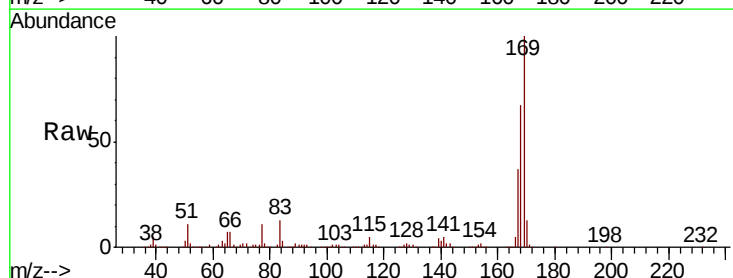
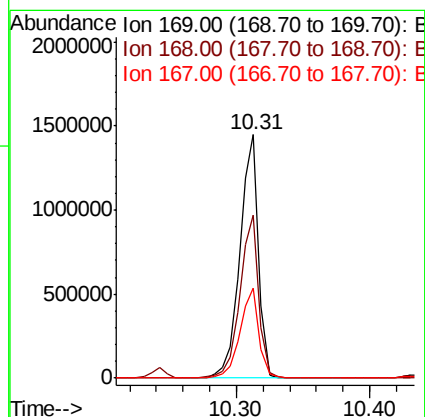
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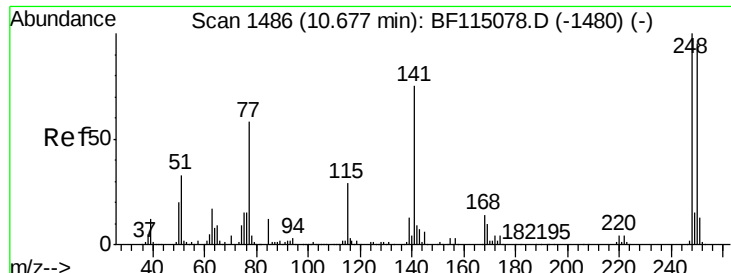
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#66
n-Nitrosodiphenylamine
Concen: 43.168 ng
RT: 10.31 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1397511		
168	67.0		54.2	81.4
167	36.9		29.4	44.0





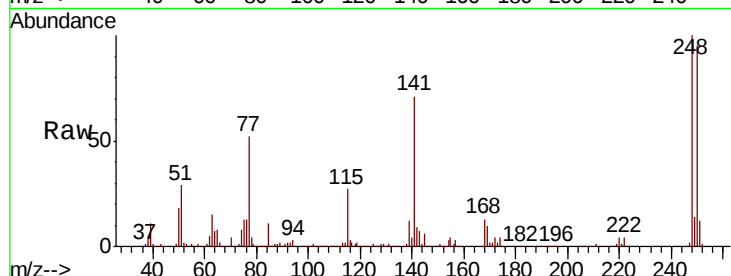
#67
 4-Bromophenyl-phenylether
 Concen: 43.022 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

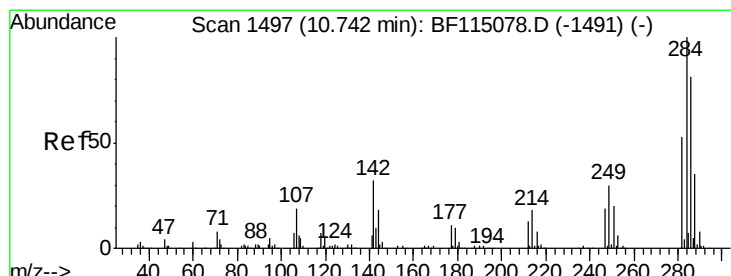
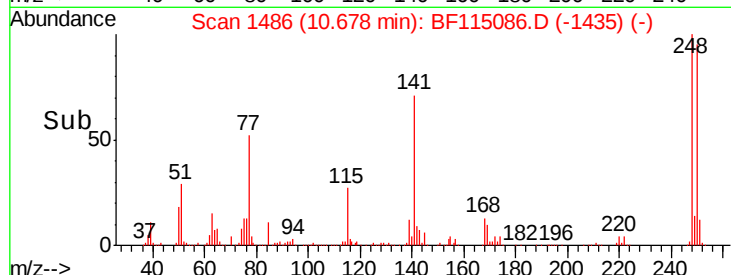
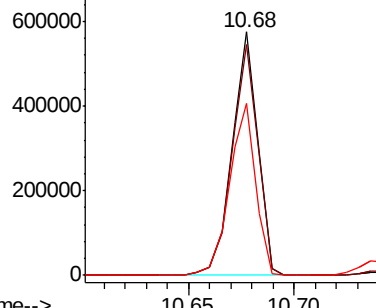
Tot Ion:	248	Resp:	484695
Ion Ratio	Lower	Upper	
248	100		
250	94.9	76.2	114.2
141	70.8	59.6	89.4

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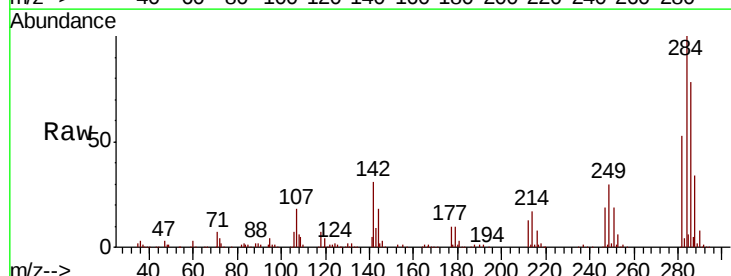


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

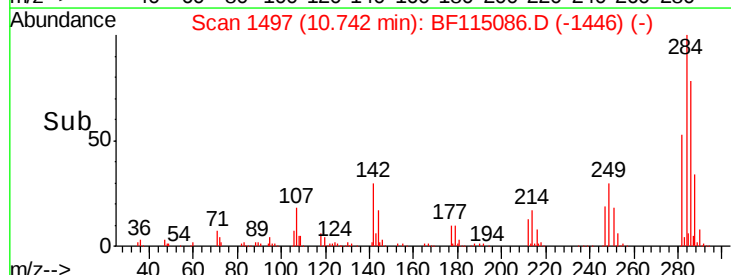
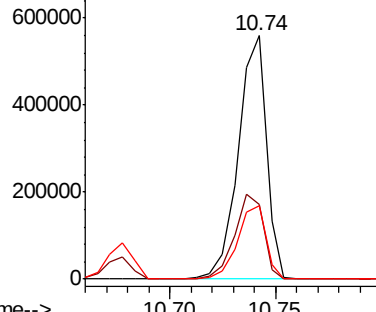


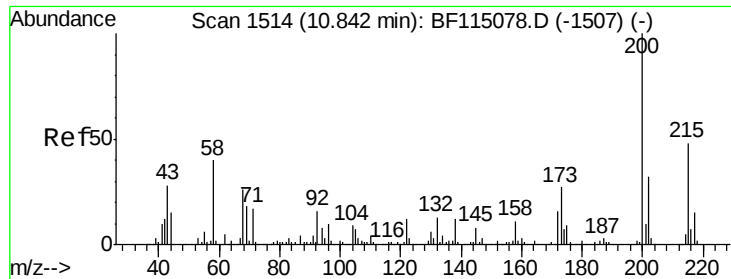
#68
 Hexachlorobenzene
 Concen: 42.518 ng
 RT: 10.74 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion:	284	Resp:	519949
Ion Ratio	Lower	Upper	
284	100		
142	30.5	25.8	38.8
249	30.0	24.2	36.4



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





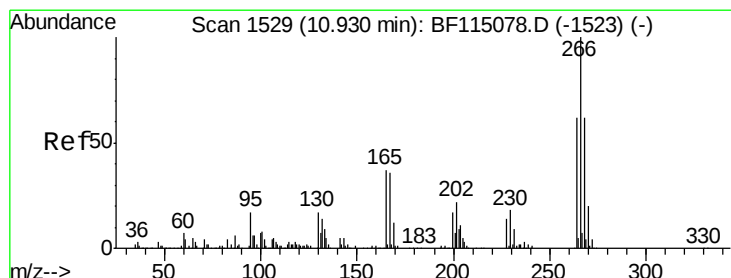
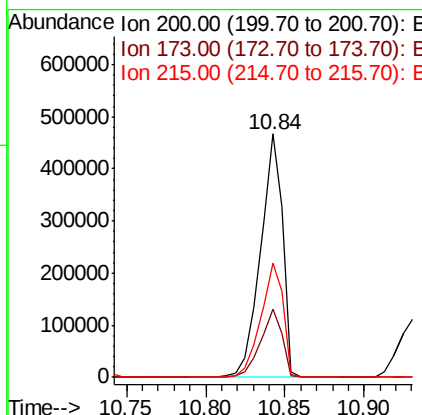
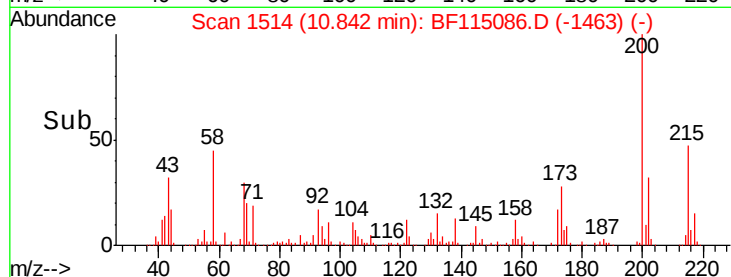
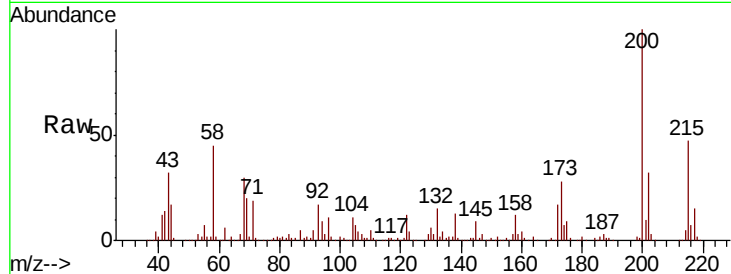
#69
 Atrazine
 Concen: 43.862 ng
 RT: 10.84 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.4	47.4
215	47.0	27.8	67.8

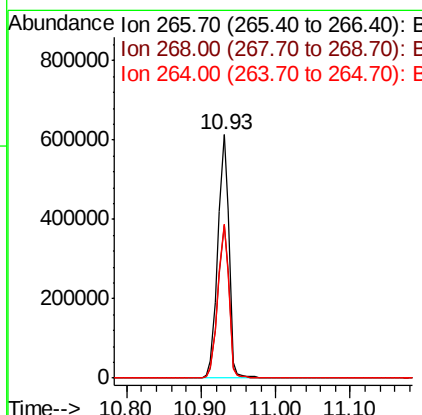
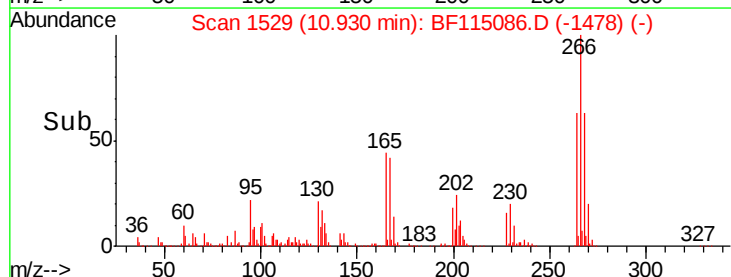
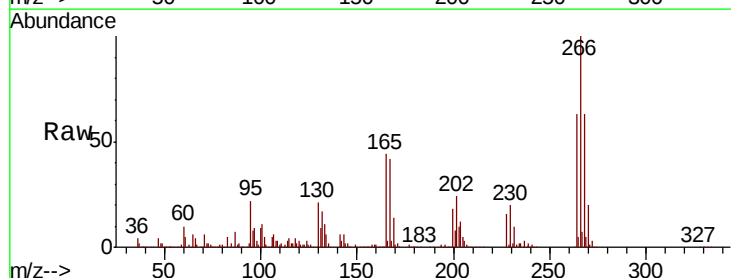
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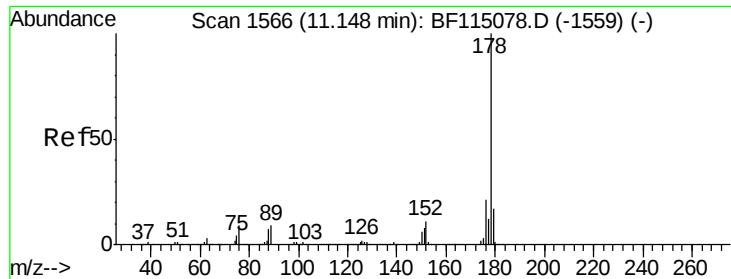
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#70
 Pentachlorophenol
 Concen: 81.202 ng
 RT: 10.93 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	49.5	74.3
264	63.3	49.3	73.9





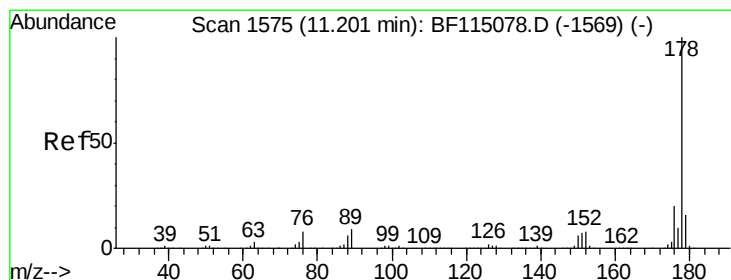
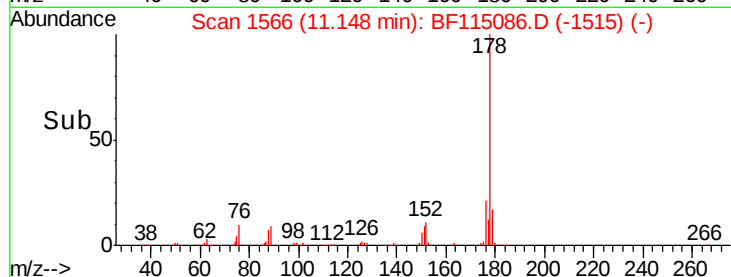
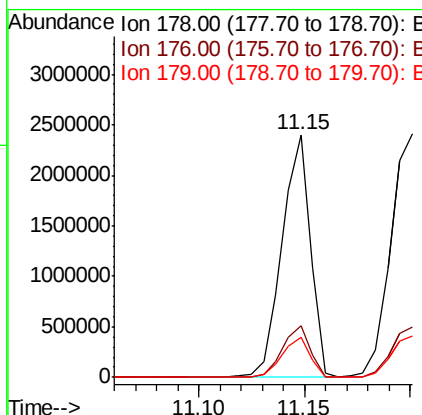
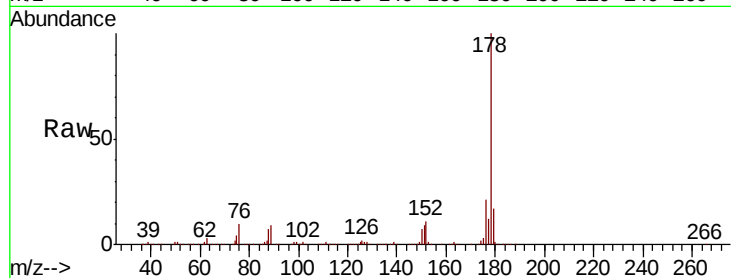
#71
Phenanthrene
Concen: 40.360 ng
RT: 11.15 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.9	25.3
179	16.6	13.2	19.8

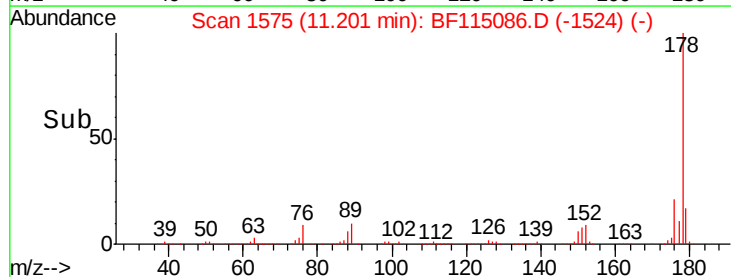
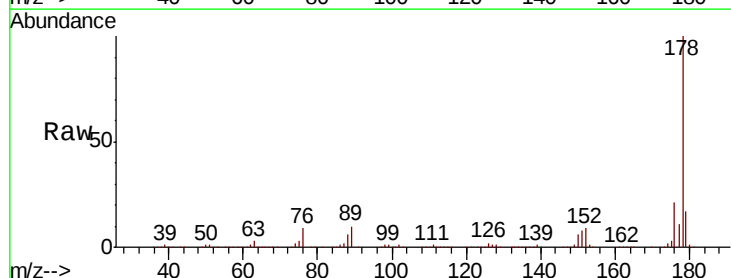
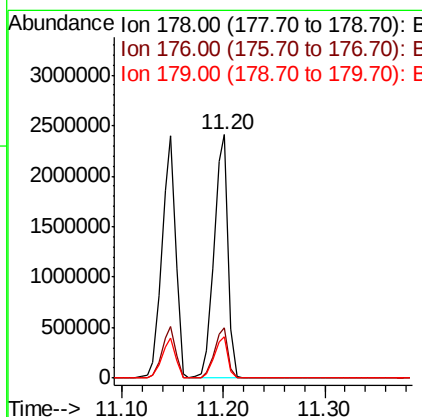
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#72
Anthracene
Concen: 40.538 ng
RT: 11.20 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.1	24.1
179	17.0	12.9	19.3





#73
 Carbazole
 Concen: 42.124 ng
 RT: 11.35 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

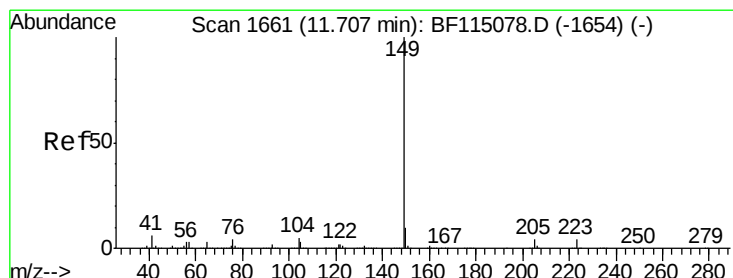
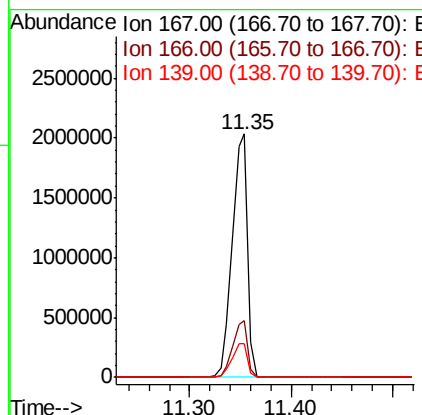
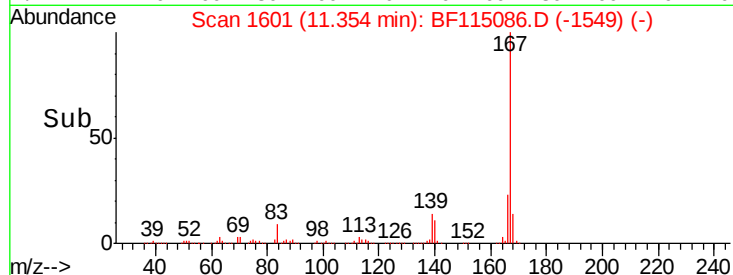
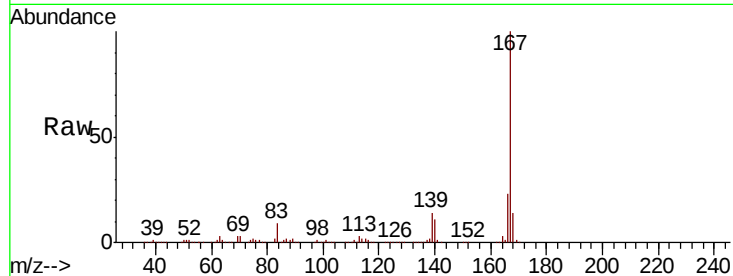
Instrument :
 BNA_F
 ClientSampled :
 PB120722BS

Tot Ion:167 Resp: 2124341

Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.0	27.0
139	14.0	11.1	16.7

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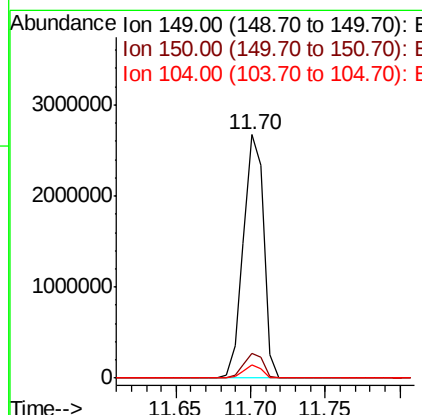
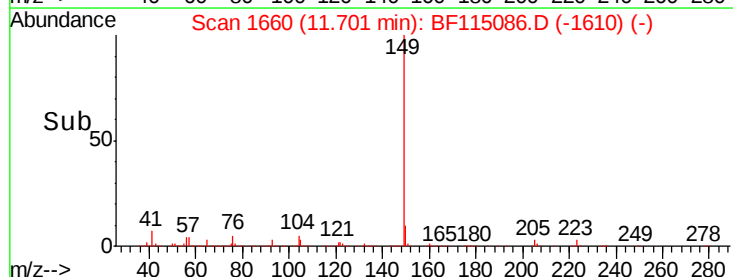
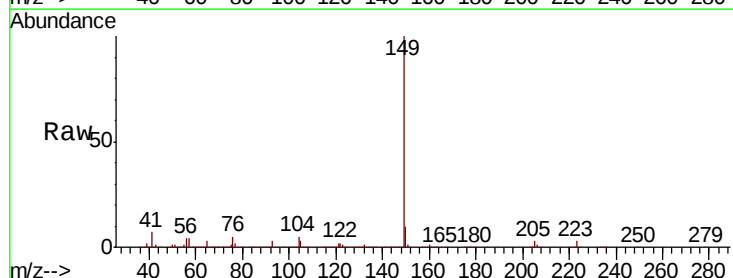
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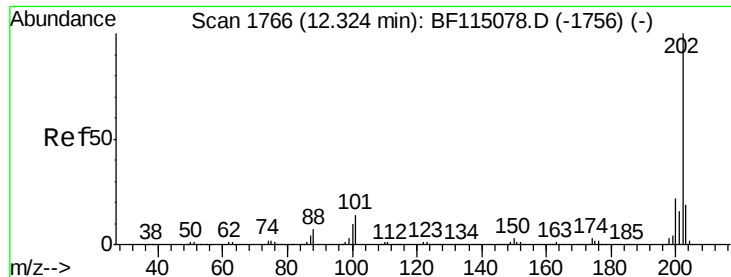


#74
 Di-n-butylphthalate
 Concen: 43.455 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion:149 Resp: 2532382

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.2	3.7	5.5





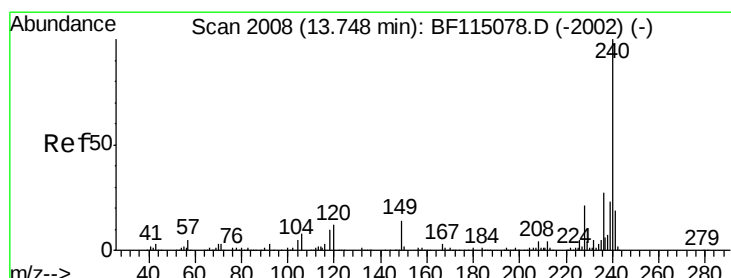
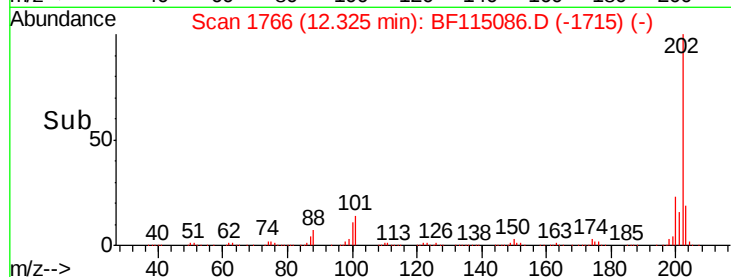
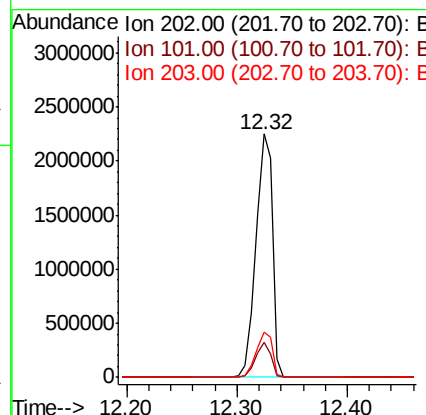
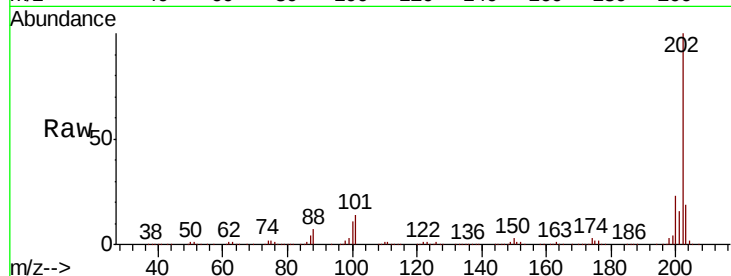
#75
 Fluoranthene
 Concen: 42.488 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.0
203	18.7	0.0	38.8

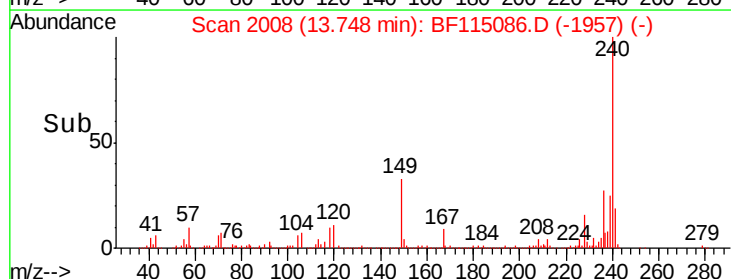
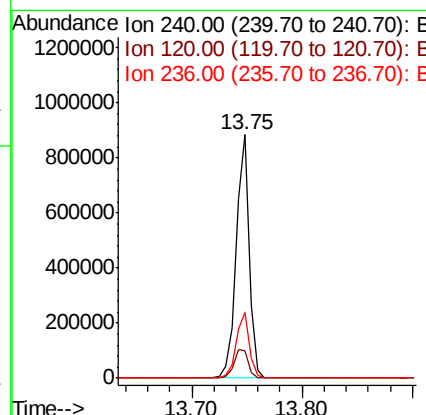
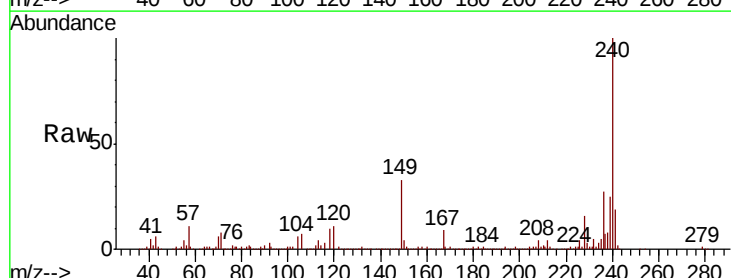
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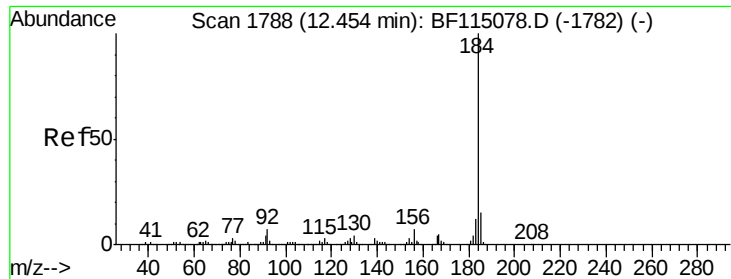
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.4	14.2
236	27.1	21.7	32.5





#77

Benzidine

Concen: 15.976 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

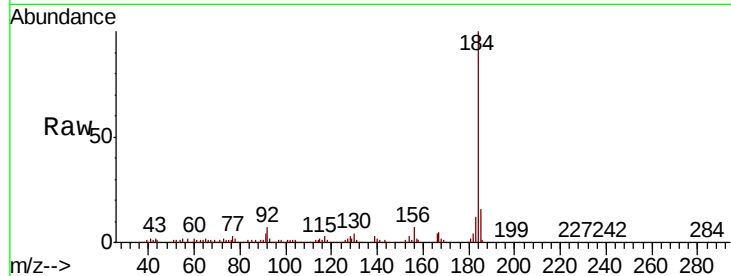
ClientSampleId :

PB120722BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.2	18.2
183	11.5	9.6	14.4

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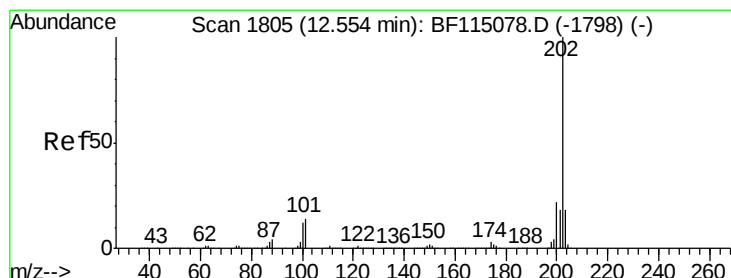
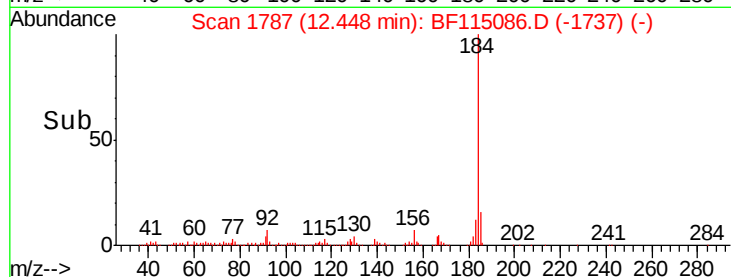
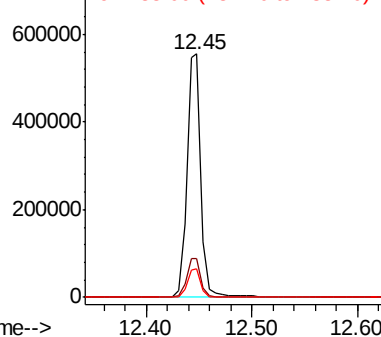


Abundance

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: 42.622 ng

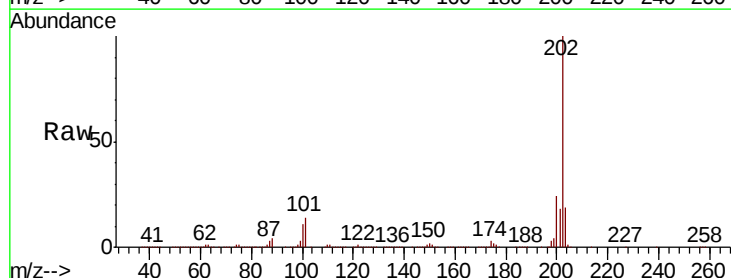
RT: 12.55 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.9	26.9
203	18.7	14.6	21.8

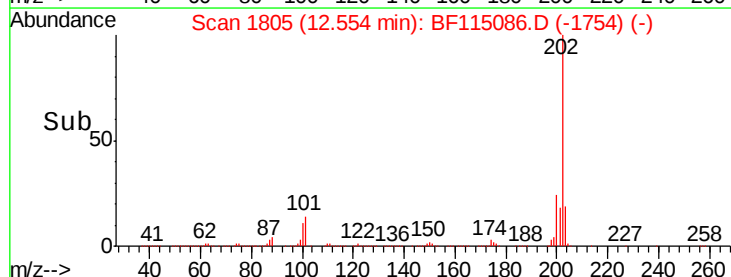
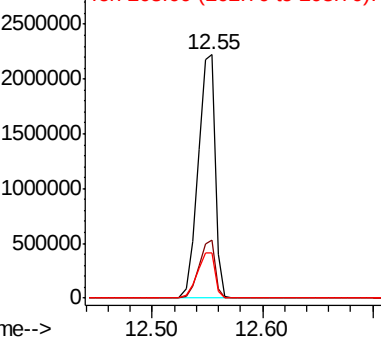


Abundance

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: 88.180 ng
 RT: 12.71 min Scan# 1832
 Delta R.T. 0.01 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

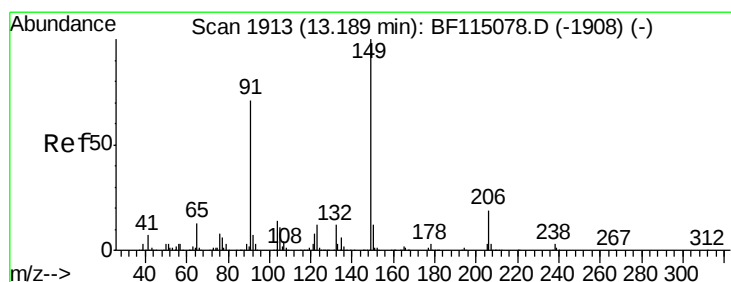
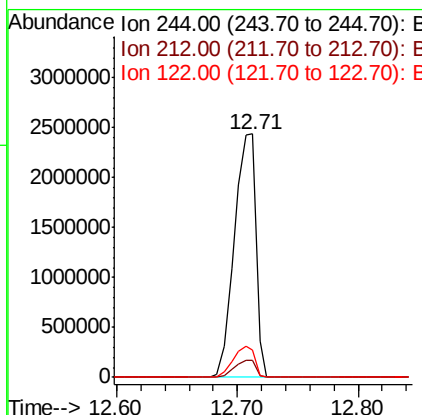
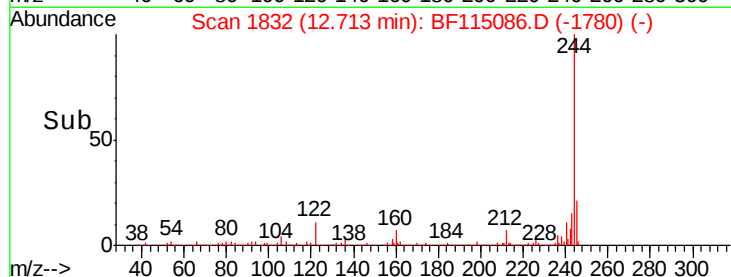
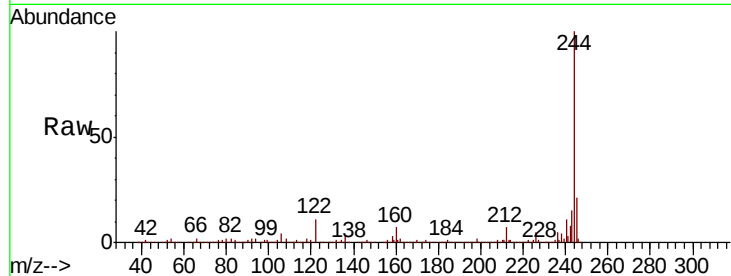
Instrument :
 BNA_F
 ClientSampleId :
 PB120722BS

Tot Ion:244 Resp: 3037621

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	11.3	10.4	15.6

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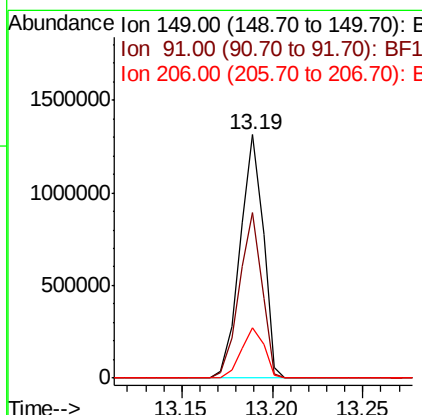
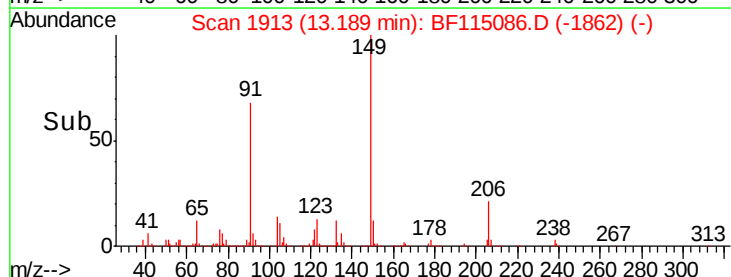
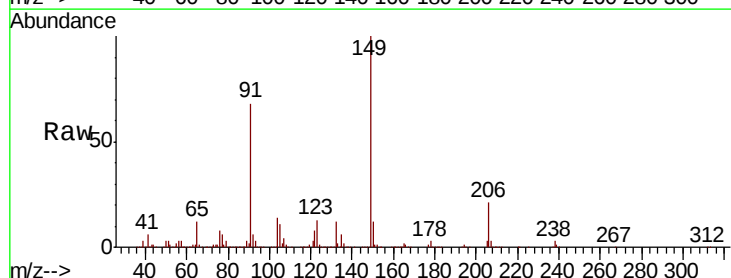
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#80
 Butylbenzylphthalate
 Concen: 46.803 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: BF115086.D
 Acq: 21 Jun 2019 19:12

Tgt Ion:149 Resp: 1162590

Ion	Ratio	Lower	Upper
149	100		
91	68.2	56.5	84.7
206	20.6	15.3	22.9





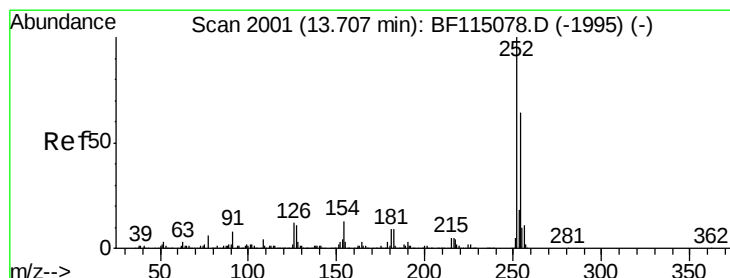
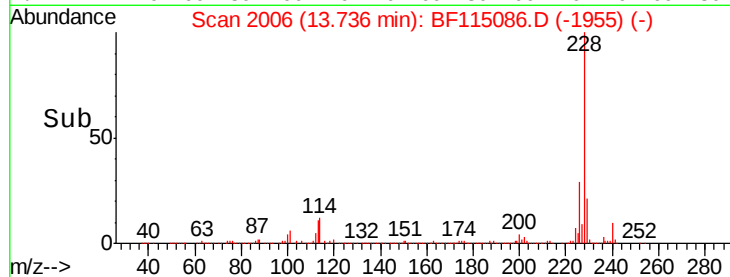
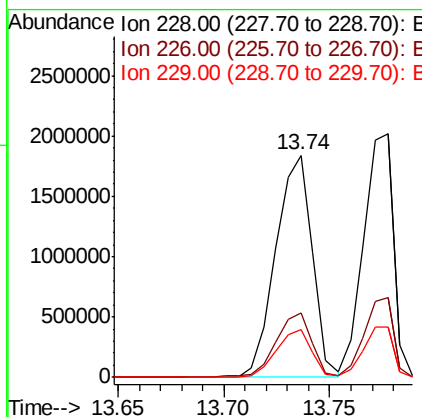
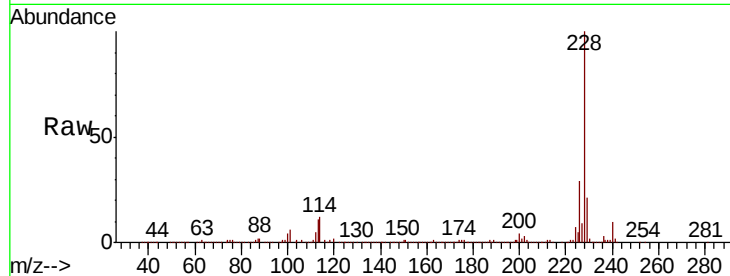
#81
Benzo(a)anthracene
Concen: 42.182 ng
RT: 13.74 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampled :
PB120722BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.5	33.7
229	21.5	16.6	24.8

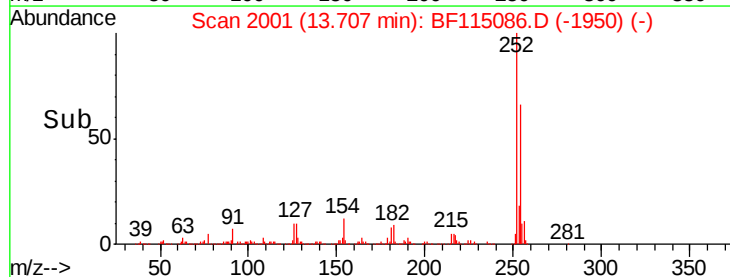
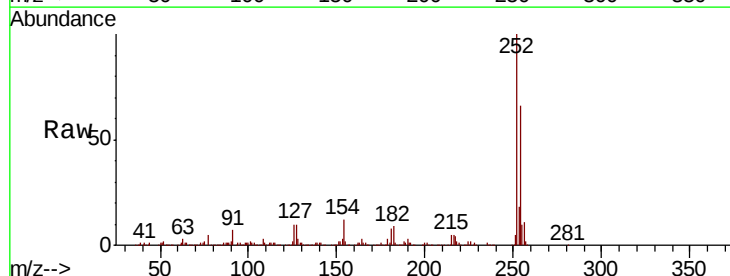
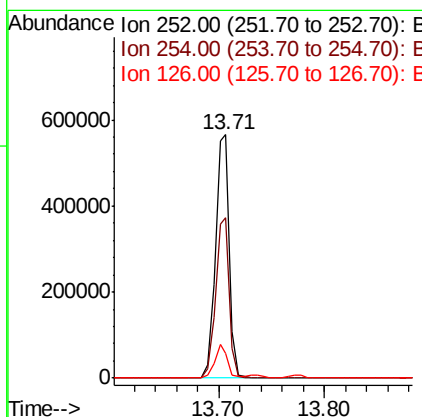
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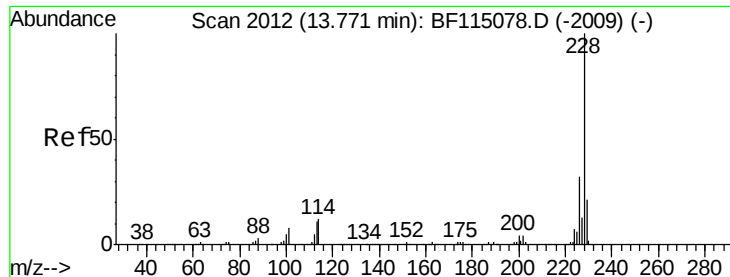
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#82
3,3'-Dichlorobenzidine
Concen: 27.820 ng
RT: 13.71 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.1	76.7
126	10.1	9.4	14.0





#83

Chrysene

Concen: 41.453 ng

RT: 13.78 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

Instrument :

BNA_F

ClientSampleID :

PB120722BS

Tot Ion:228 Resp: 199535

Ion Ratio Lower Upper

228 100

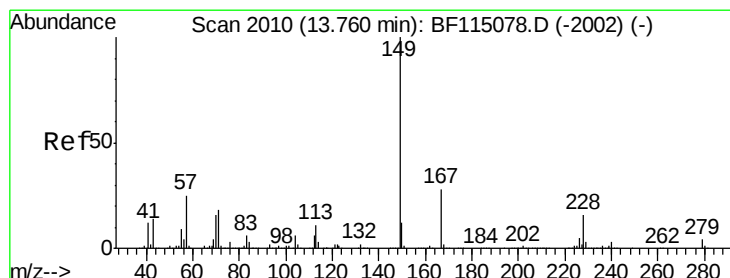
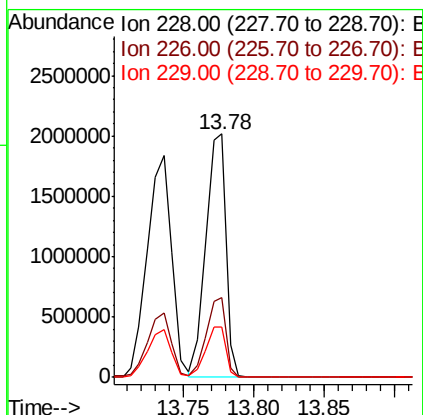
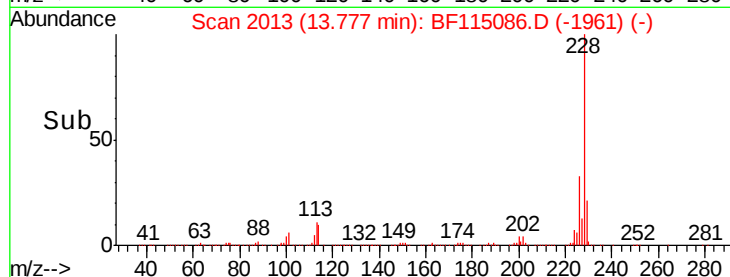
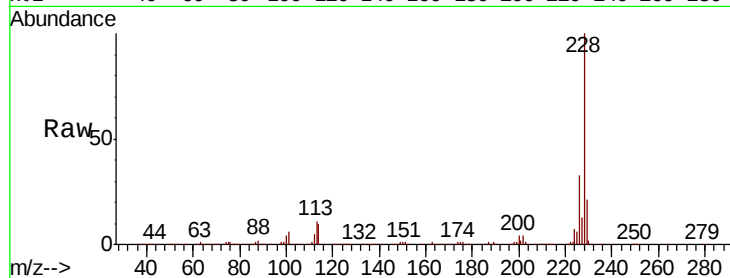
226 32.7 25.4 38.0

229 20.9 16.5 24.7

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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.642 ng

RT: 13.76 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF115086.D

Acq: 21 Jun 2019 19:12

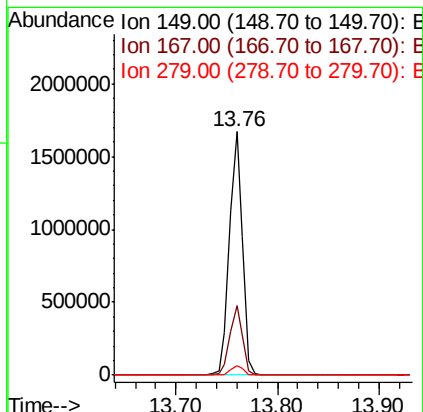
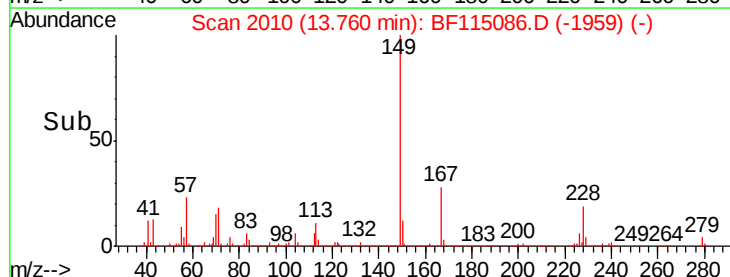
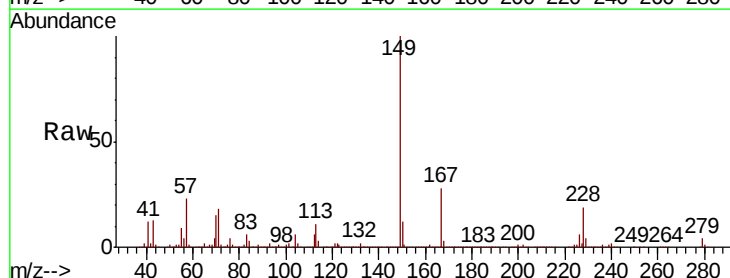
Tgt Ion:149 Resp: 1485567

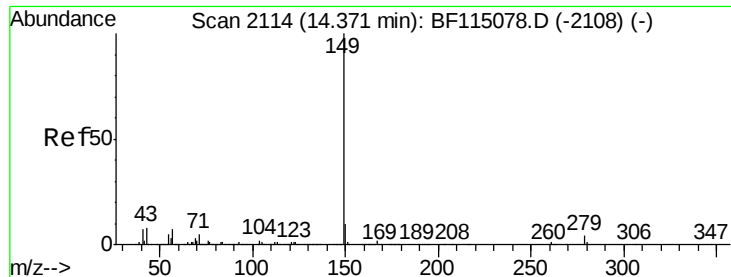
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 4.1 2.9 4.3





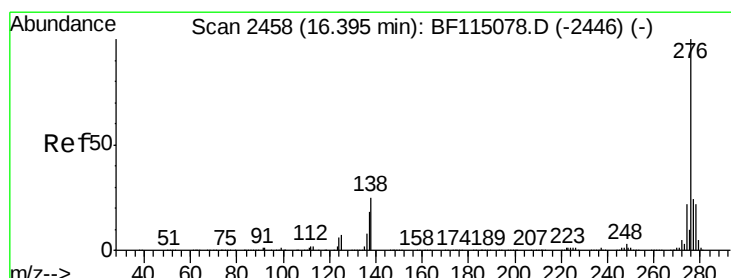
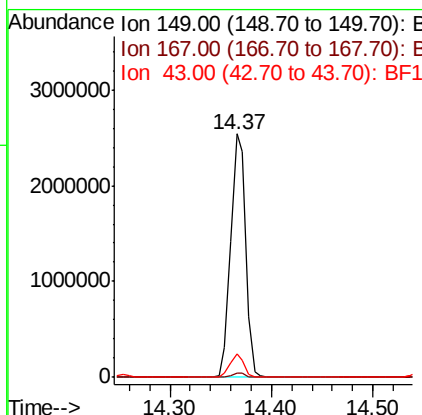
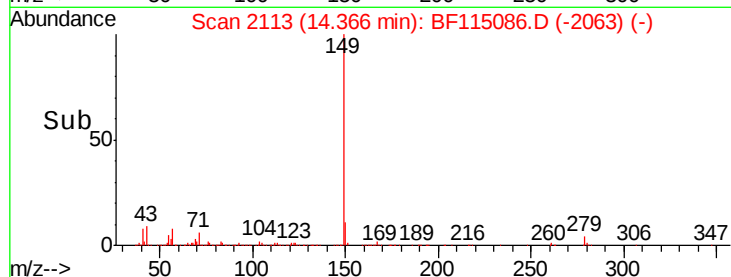
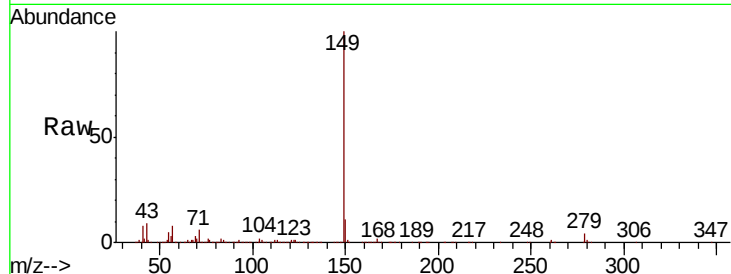
#85
Di-n-octyl phthalate
Concen: 47.714 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.9	7.0	10.6

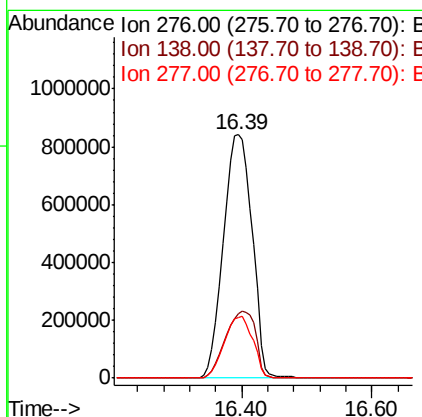
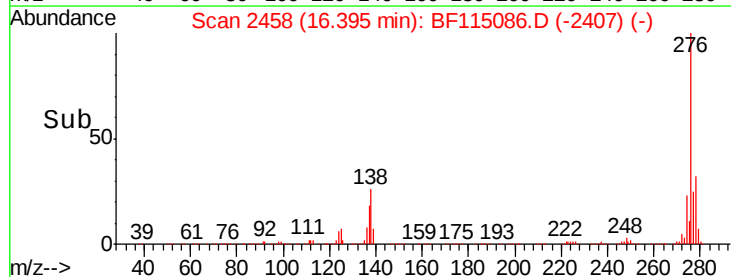
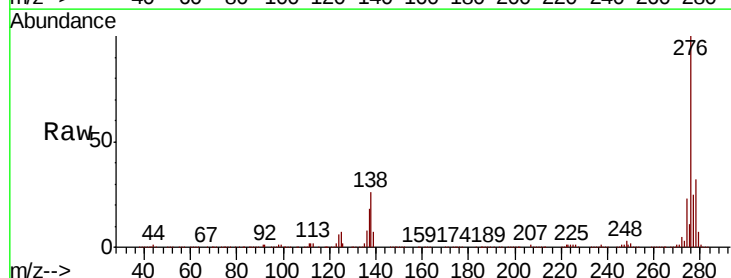
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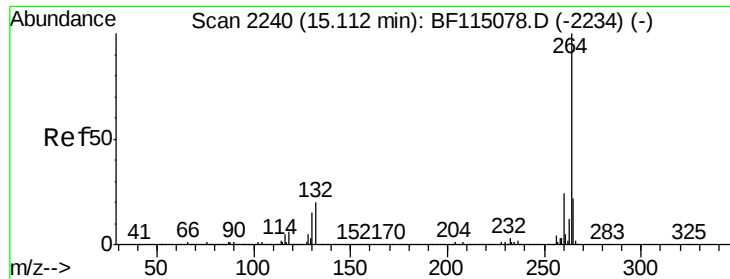
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.139 ng
RT: 16.39 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.2	34.8
277	25.5	20.1	30.1





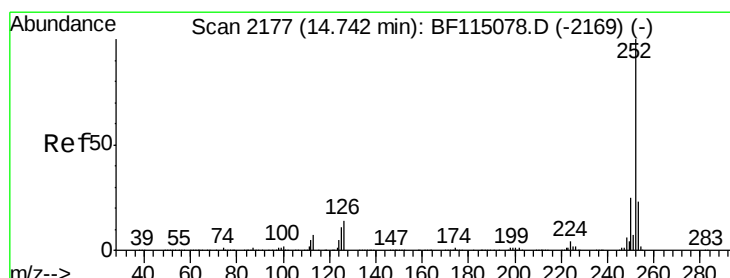
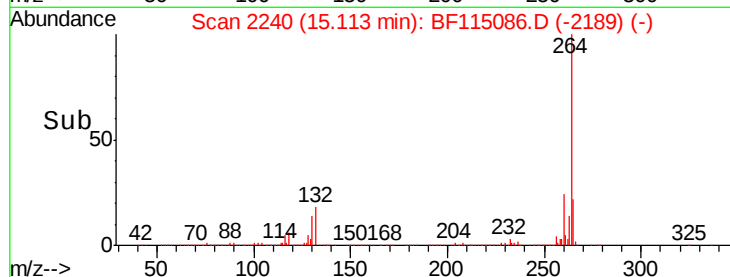
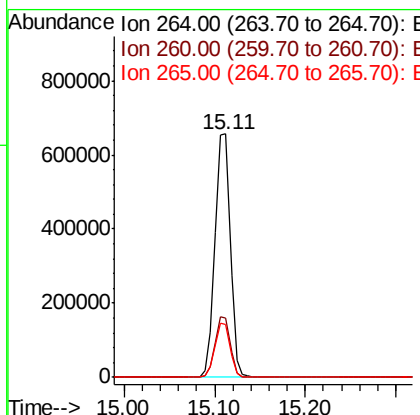
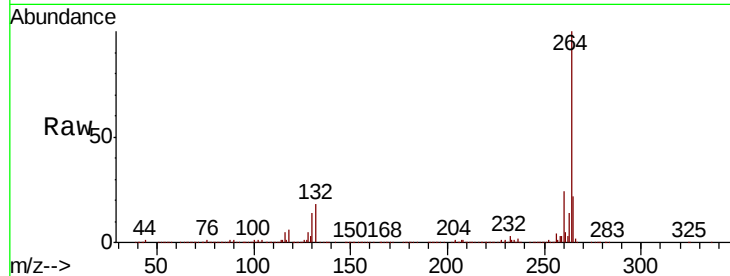
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.7	17.3	25.9

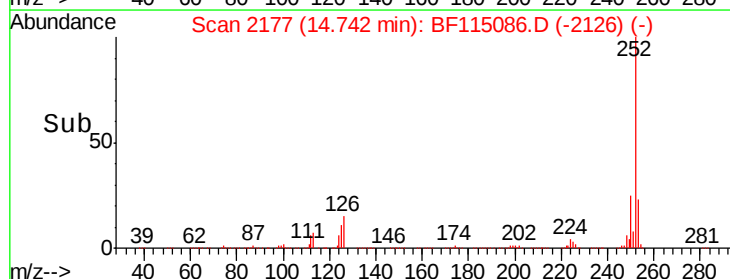
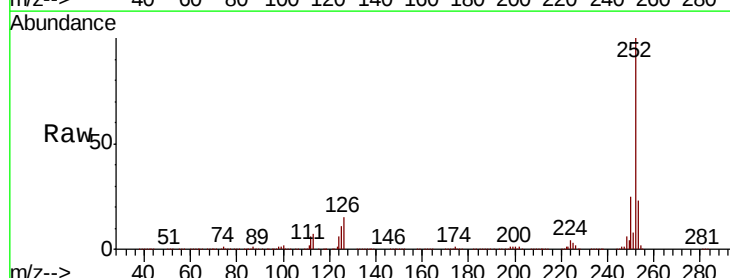
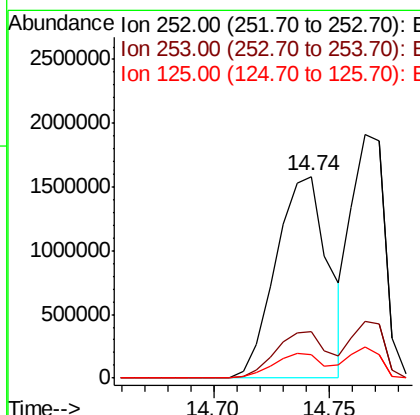
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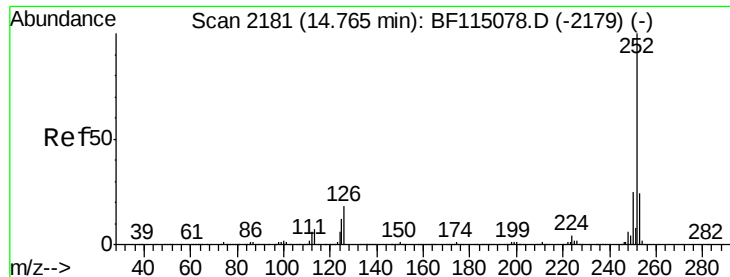
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#88
Benzo(b)fluoranthene
Concen: 51.670 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	11.5	8.7	13.1





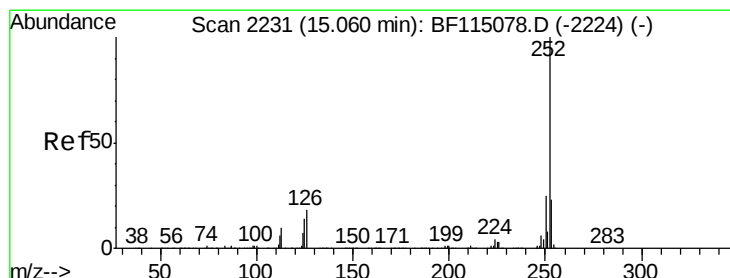
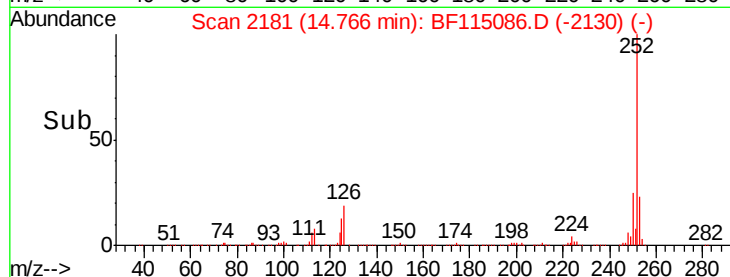
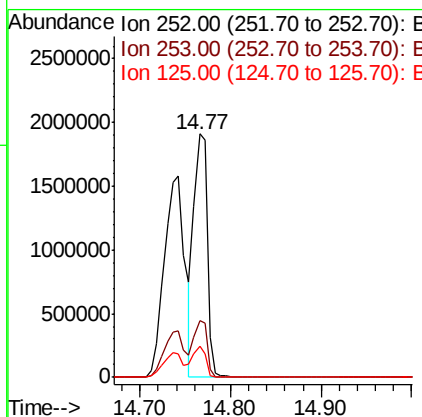
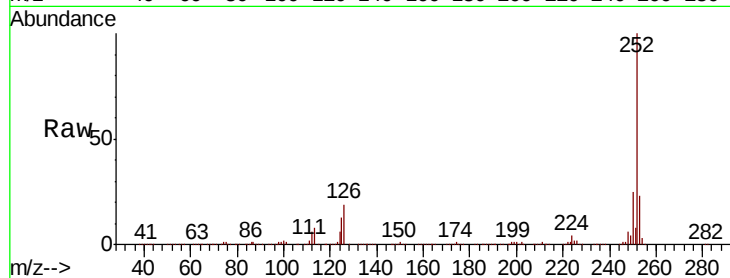
#89
Benzo(k)fluoranthene
Concen: 45.159 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	12.8	10.2	15.2

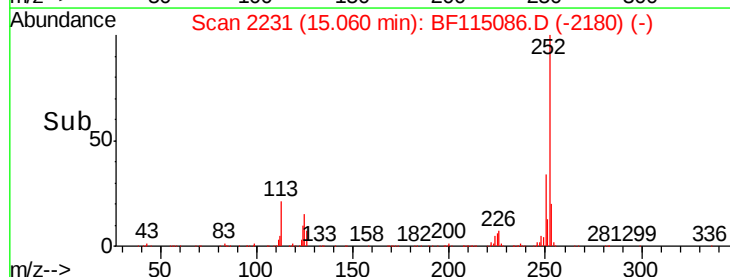
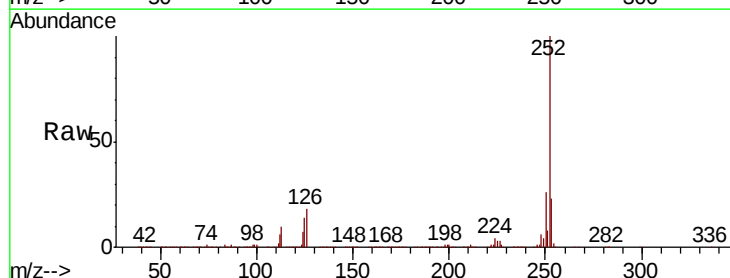
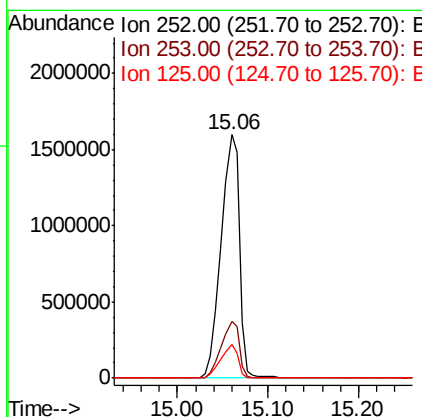
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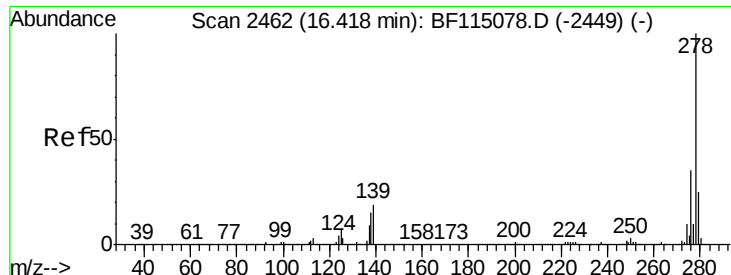
mohammad
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#90
Benzo(a)pyrene
Concen: 51.119 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	13.7	10.9	16.3





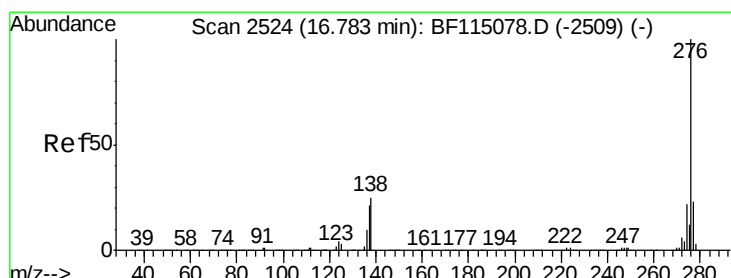
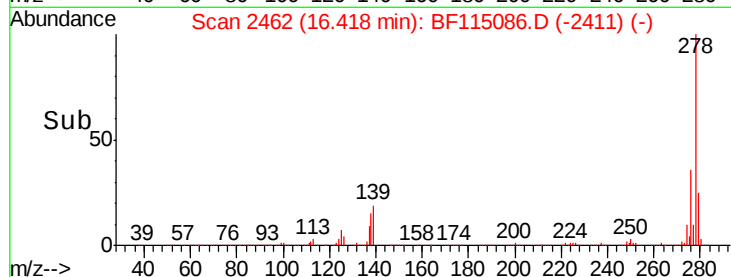
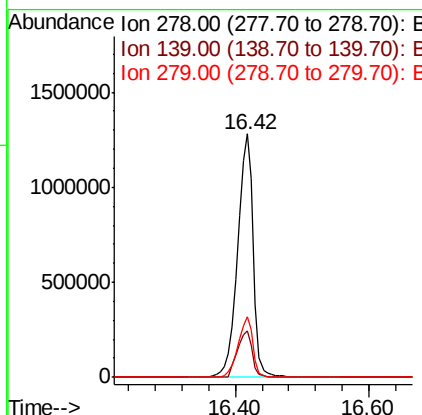
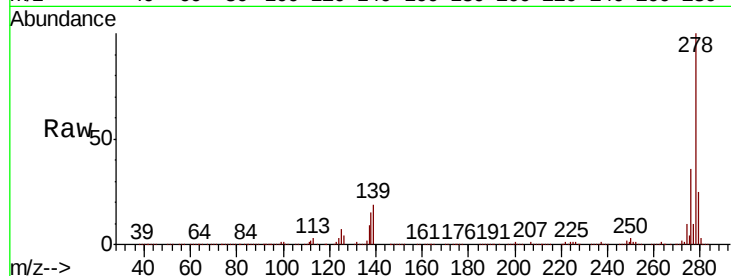
#91
Dibenzo(a,h)anthracene
Concen: 51.831 ng
RT: 16.42 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.4	23.2
279	24.7	19.9	29.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 52.839 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF115086.D
Acq: 21 Jun 2019 19:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	26.3	19.8	29.6

