

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115229.D
 Acq On : 27 Jun 2019 12:01
 Operator : HP/JU
 Sample : PB120942BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

Manual Integrations
 APPROVED

mohammad
 6/28/2019 2:58:10 PM

Quant Time: Jun 28 05:12:54 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 28 05:09:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	273748	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	1070391	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	503897	20.00	ng	-0.02
64) Phenanthrene-d10	11.09	188	959836	20.00	ng	-0.02
76) Chrysene-d12	13.72	240	750875	20.00	ng	-0.03
87) Perylene-d12	15.09	264	716758	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1210646	68.25	ng	0.00
7) Phenol-d6	6.24	99	1473977	68.46	ng	-0.02
23) Nitrobenzene-d5	7.16	82	1248159	71.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	411755	77.49	ng	-0.02
45) 2-Fluorobiphenyl	8.96	172	2338791	78.84	ng	-0.02
79) Terphenyl-d14	12.68	244	2445174	69.24	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.24	88	294389	35.163	ng	98
3) Pyridine	2.88	79	718608	30.454	ng	97
4) n-Nitrosodimethylamine	2.83	42	298821	32.303	ng	95
6) Aniline	6.25	93	584778	19.761	ng	# 4
8) 2-Chlorophenol	6.38	128	741484	37.173	ng	98
9) Benzaldehyde	6.14	77	5259	0.374	ng	93
10) Phenol	6.25	94	863714	34.246	ng	94
11) bis(2-Chloroethyl)ether	6.34	93	680107	36.582	ng	99
12) 1,3-Dichlorobenzene	6.54	146	799558	36.118	ng	99
13) 1,4-Dichlorobenzene	6.61	146	810709	36.520	ng	99
14) 1,2-Dichlorobenzene	6.77	146	759448	36.943	ng	99
15) Benzyl Alcohol	6.74	79	550573	35.117	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	963580	35.735	ng	98
17) 2-Methylphenol	6.87	107	617960	37.533	ng	99
18) Hexachloroethane	7.11	117	291299	36.399	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	469028	34.026	ng	99
20) 3+4-Methylphenols	7.02	107	705674	37.118	ng	# 79
22) Acetophenone	7.01	105	975978	39.828	ng	# 95
24) Nitrobenzene	7.18	77	742605	38.739	ng	99
25) Isophorone	7.42	82	1359708	38.145	ng	100
26) 2-Nitrophenol	7.50	139	416251	43.970	ng	99
27) 2,4-Dimethylphenol	7.55	122	676129	43.621	ng	100
28) bis(2-Chloroethoxy)methane	7.64	93	847124	37.601	ng	99
29) 2,4-Dichlorophenol	7.74	162	632315	39.530	ng	100
30) 1,2,4-Trichlorobenzene	7.82	180	705770	39.945	ng	99
31) Naphthalene	7.90	128	2115067	40.254	ng	100
32) Benzoic acid	7.68	122	521757	47.158	ng	99
33) 4-Chloroaniline	7.95	127	555576	23.136	ng	99
34) Hexachlorobutadiene	8.03	225	384678	39.729	ng	98
35) Caprolactam	8.32	113	199434m	37.084	ng	
36) 4-Chloro-3-methylphenol	8.44	107	628222	38.781	ng	97
37) 2-Methylnaphthalene	8.59	142	1436668	40.553	ng	100
38) 1-Methylnaphthalene	8.69	142	1348561	39.857	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	601749	42.260	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	627907	74.367	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	471158	42.859	ng	98
44) 2,4,5-Trichlorophenol	8.91	196	458234	40.477	ng	98
46) 1,1'-Biphenyl	9.05	154	1658089	41.124	ng	99
47) 2-Chloronaphthalene	9.08	162	1312612	40.135	ng	99
48) 2-Nitroaniline	9.17	65	371413	38.953	ng	91
49) Acenaphthylene	9.49	152	2027157	39.783	ng	100
50) Dimethylphthalate	9.36	163	1480068	39.923	ng	100
51) 2,6-Dinitrotoluene	9.41	165	350991	41.009	ng	99
52) Acenaphthene	9.66	154	1259292	39.495	ng	100
53) 3-Nitroaniline	9.58	138	267385	25.600	ng	97
54) 2,4-Dinitrophenol	9.68	184	400192	89.869	ng	93
55) Dibenzofuran	9.83	168	1780405	38.904	ng	100
56) 4-Nitrophenol	9.75	139	633057	75.602	ng	96
57) 2,4-Dinitrotoluene	9.81	165	457457	41.394	ng	92
58) Fluorene	10.17	166	1258411	40.667	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	406435	42.815	ng	98
60) Diethylphthalate	10.06	149	1449346	38.892	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	615854	42.093	ng	97
62) 4-Nitroaniline	10.19	138	354136	33.798	ng	99
63) Azobenzene	10.32	77	1319145	37.898	ng	96
65) 4,6-Dinitro-2-methylphenol	10.22	198	234963	46.213	ng	91
66) n-Nitrosodiphenylamine	10.28	169	1208325	40.407	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	424777	40.818	ng	97
68) Hexachlorobenzene	10.72	284	460452	40.763	ng	98
69) Atrazine	10.82	200	324498	33.734	ng	100
70) Pentachlorophenol	10.91	266	571977	79.483	ng	98
71) Phenanthrene	11.12	178	1980728	38.328	ng	100
72) Anthracene	11.17	178	2026904	38.855	ng	99
73) Carbazole	11.33	167	1816594	38.997	ng	99
74) Di-n-butylphthalate	11.68	149	2123069	39.441	ng	99
75) Fluoranthene	12.30	202	2017575	39.129	ng	99
77) Benzidine	12.42	184	475713	14.268	ng	99
78) Pyrene	12.52	202	2051462	35.551	ng	98
80) Butylbenzylphthalate	13.16	149	949169	37.272	ng	98
81) Benzo(a)anthracene	13.71	228	1874376	34.789	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	616215	31.672	ng	99
83) Chrysene	13.75	228	1776030	35.986	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1233641	36.970	ng	99
85) Di-n-octyl phthalate	14.35	149	2125122	37.905	ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2246913	38.475	ng	99
88) Benzo(b)fluoranthene	14.72	252	1966962	43.980	ng	99
89) Benzo(k)fluoranthene	14.75	252	1825898	45.525	ng	98
90) Benzo(a)pyrene	15.04	252	1872219	46.445	ng	99
91) Dibenzo(a,h)anthracene	16.38	278	1851846	49.209	ng	99
92) Benzo(g,h,i)perylene	16.75	276	1931955	50.724	ng	99

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

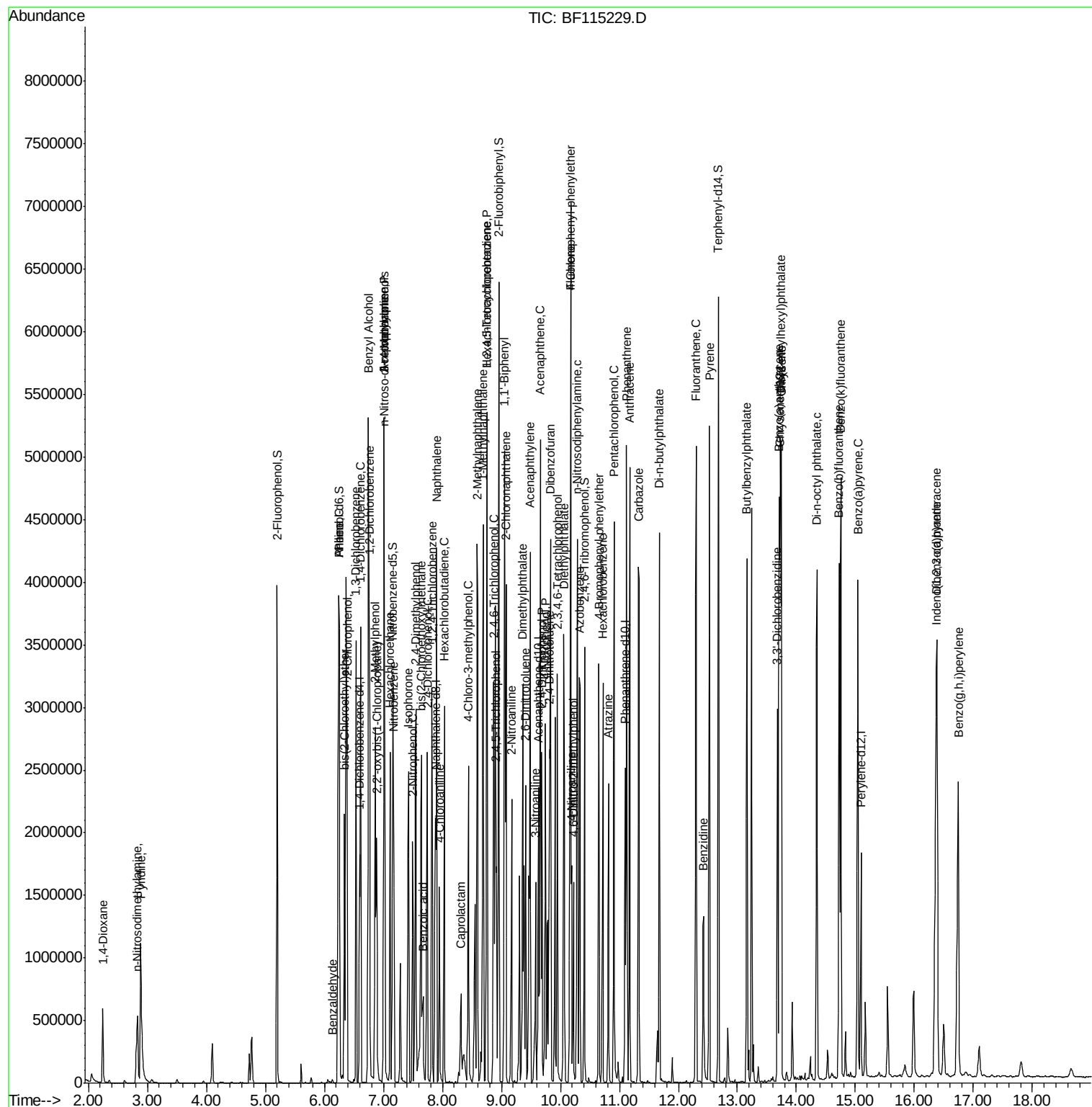
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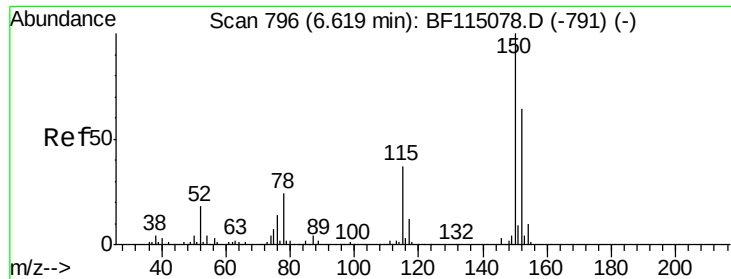
Instrument :
BNA_F
ClientSampleId :
PB120942BSD

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#1

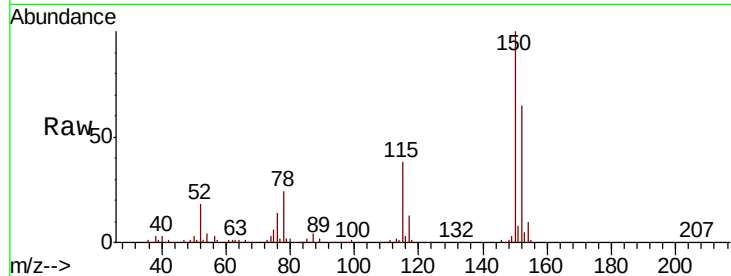
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.2
115	59.0	46.1	69.1

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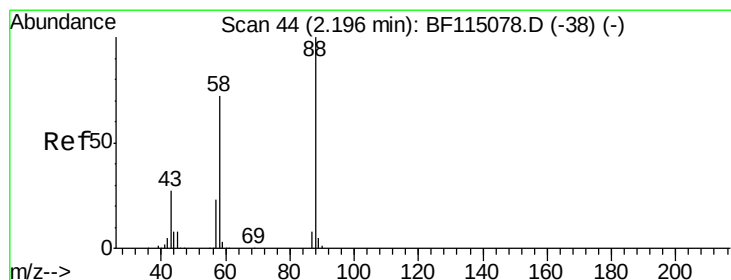
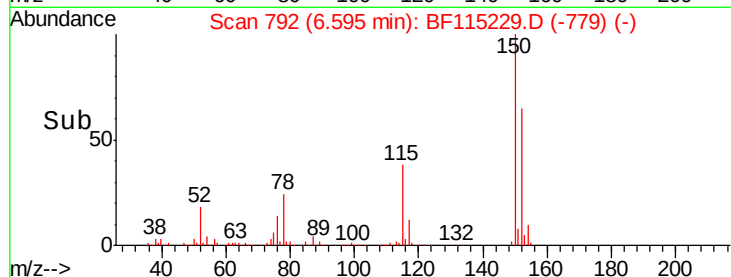
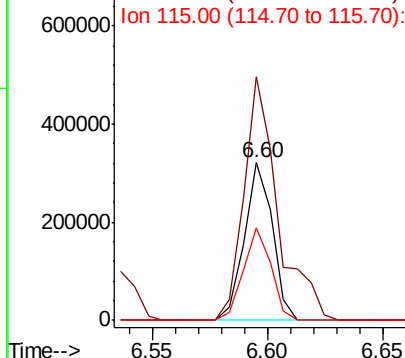


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

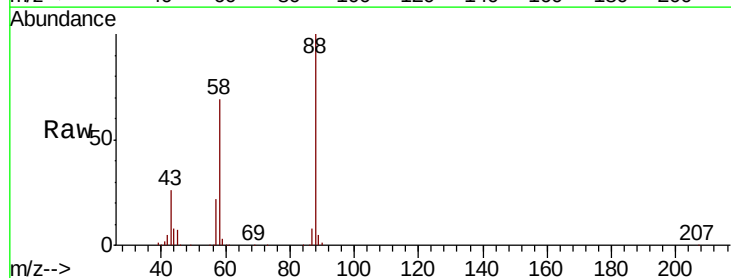
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.163 ng
RT: 2.24 min Scan# 52
Delta R.T. 0.05 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	56.1	84.1
43	25.4	21.3	31.9

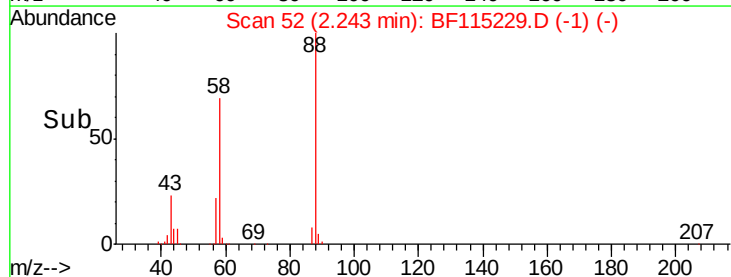
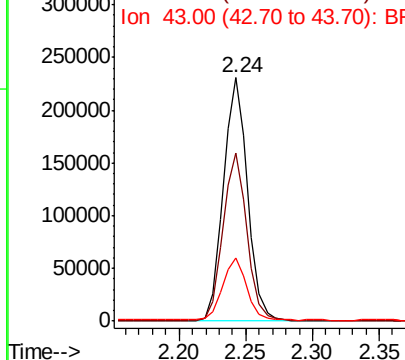


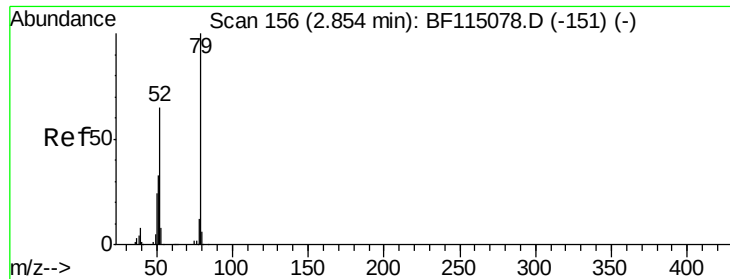
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.454 ng

RT: 2.88 min Scan# 161

Delta R.T. 0.03 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

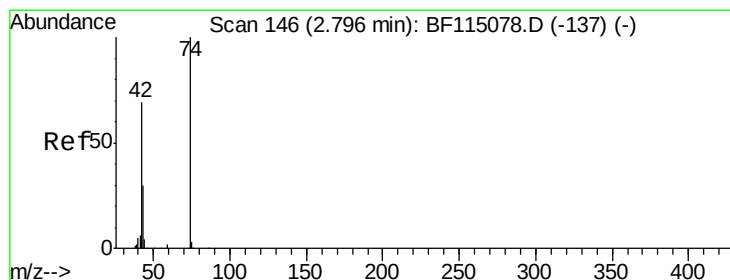
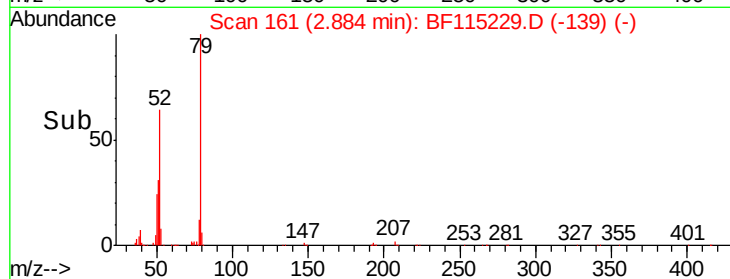
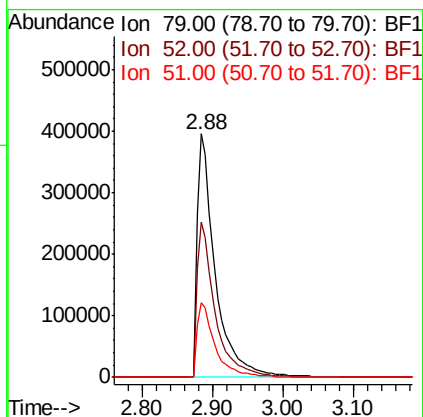
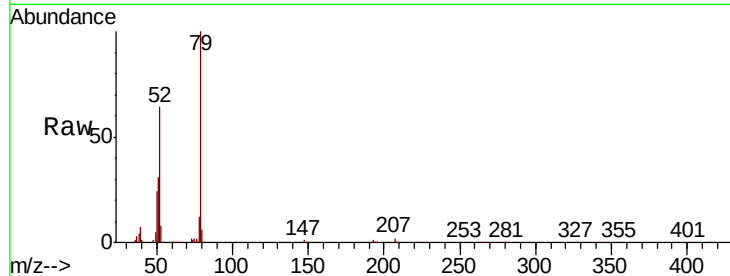
ClientSampleId :

PB120942BSD

Tot Ion:	79	Resp:	718608
Ion	Ratio	Lower	Upper
79	100		
52	63.6	52.3	78.5
51	30.7	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 32.303 ng

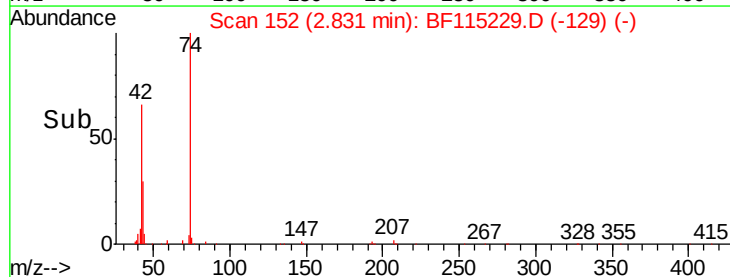
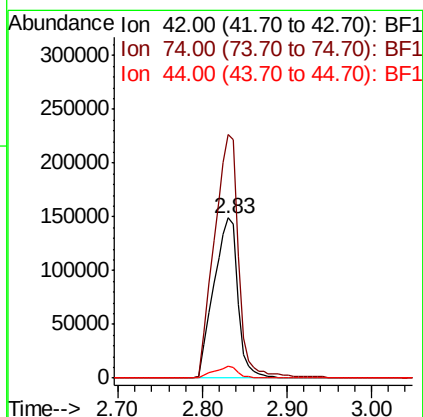
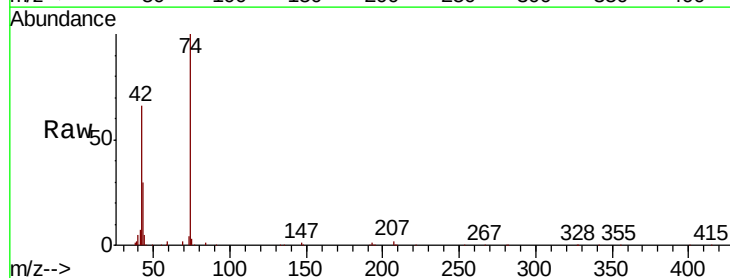
RT: 2.83 min Scan# 152

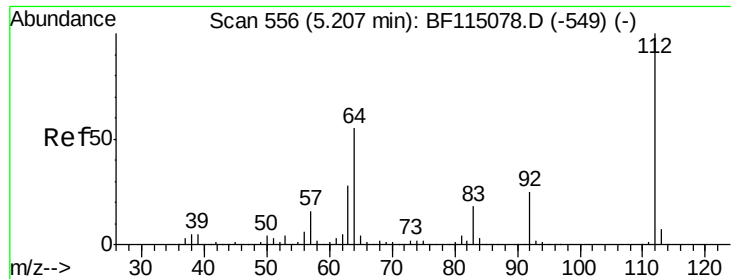
Delta R.T. 0.04 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Tgt Ion:	42	Resp:	298821
Ion	Ratio	Lower	Upper
42	100		
74	152.4	116.6	175.0
44	7.2	5.3	7.9





#5

2-Fluorophenol

Concen: 68.246 ng

RT: 5.20 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

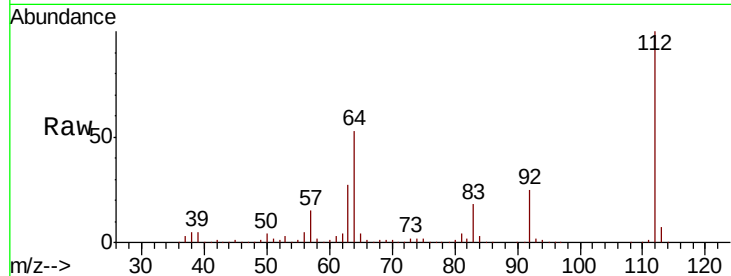
ClientSampleId :

PB120942BSD

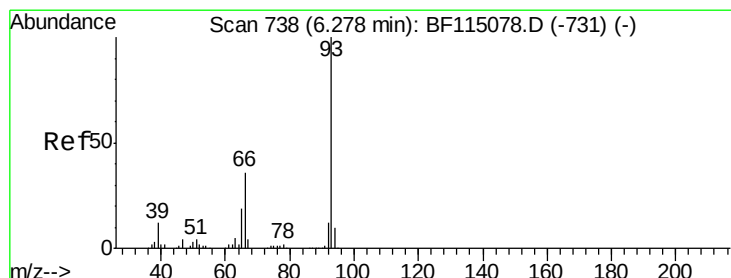
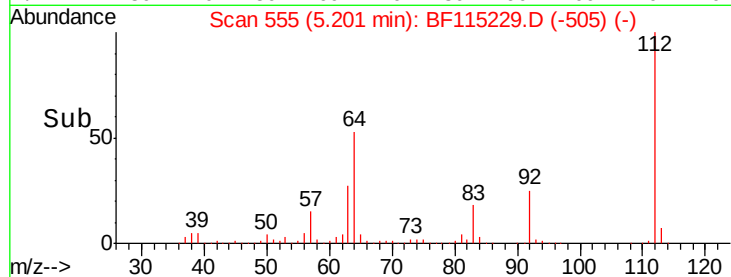
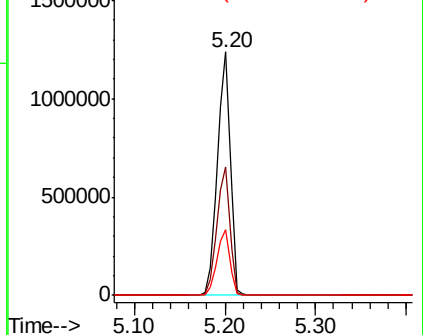
Tot Ion:	112	Resp:	1210646
Ion	Ratio	Lower	Upper
112	100		
64	52.8	43.8	65.6
63	27.2	22.2	33.4

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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: 19.761 ng

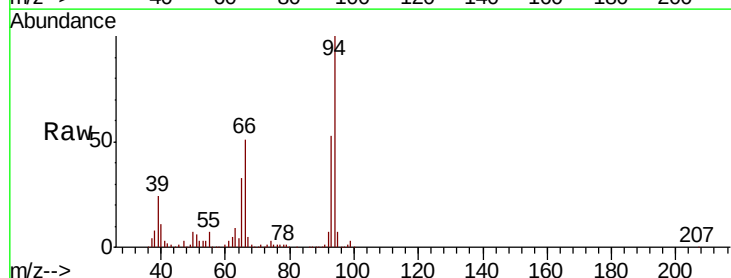
RT: 6.25 min Scan# 734

Delta R.T. -0.02 min

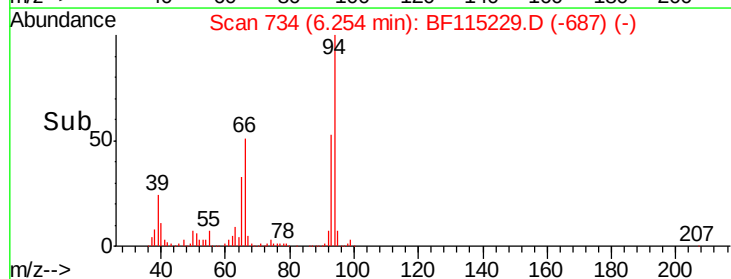
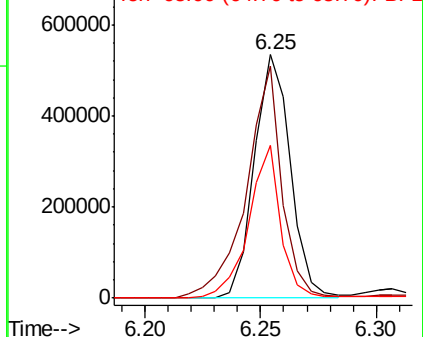
Lab File: BF115229.D

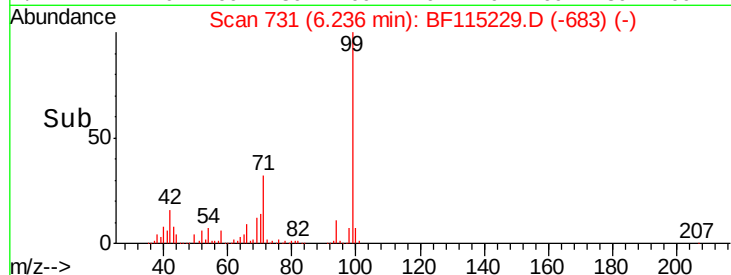
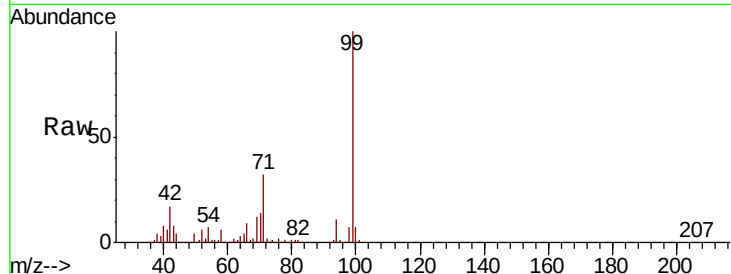
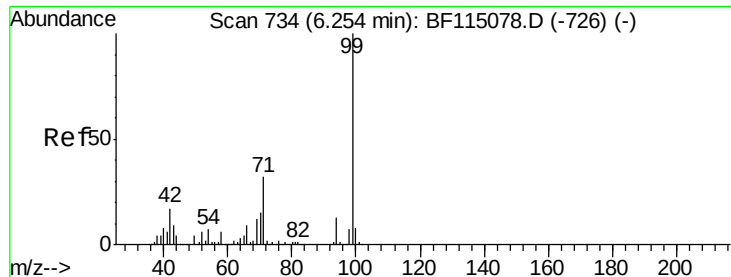
Acq: 27 Jun 2019 12:01

Tgt Ion:	93	Resp:	584778
Ion	Ratio	Lower	Upper
93	100		
66	95.3	30.0	45.0#
65	62.6	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: 68.458 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Tot Ion: 99 Resp: 1473977

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

71 32.1 25.5 38.3

Instrument :

BNA_F

ClientSampled :

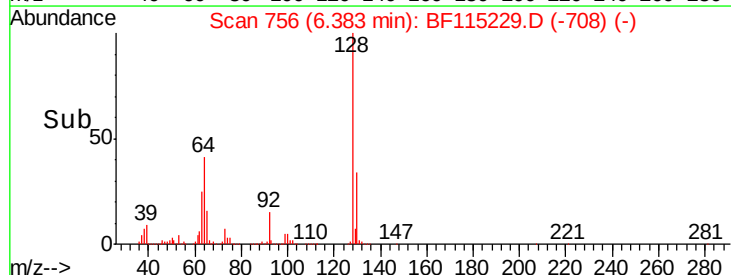
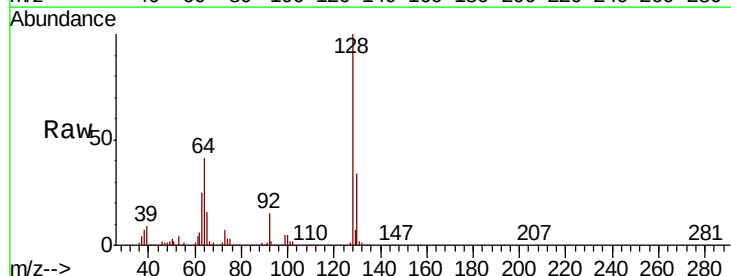
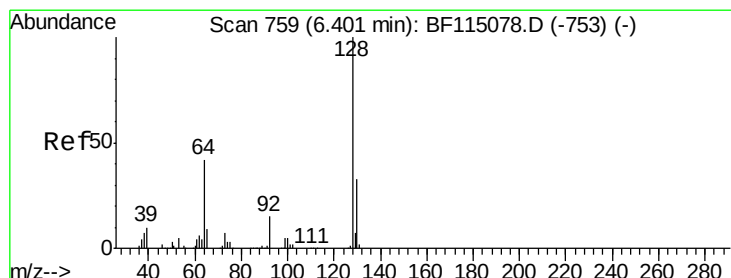
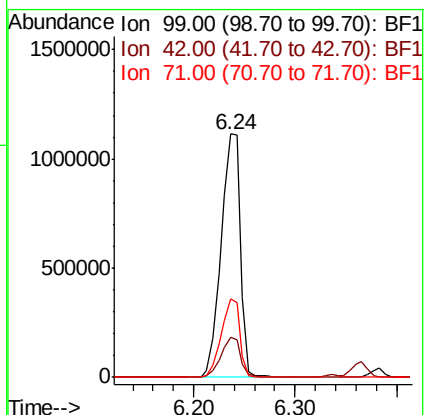
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#8

2-Chlorophenol

Concen: 37.173 ng

RT: 6.38 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

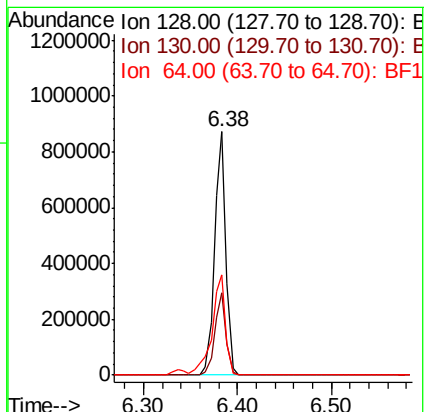
Tgt Ion:128 Resp: 741484

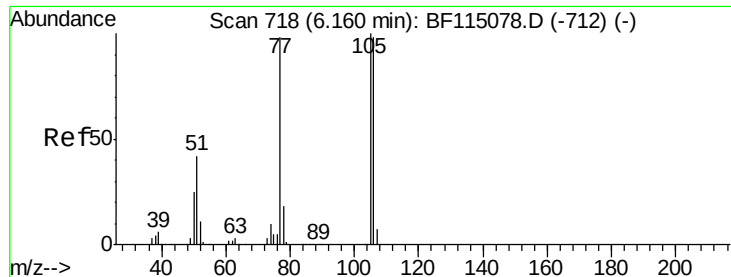
Ion Ratio Lower Upper

128 100

130 33.6 12.9 52.9

64 41.2 22.9 62.9





#9

Benzaldehyde

Concen: 0.374 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

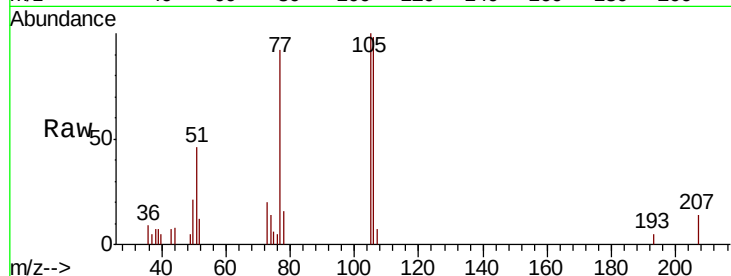
ClientSampleId :

PB120942BSD

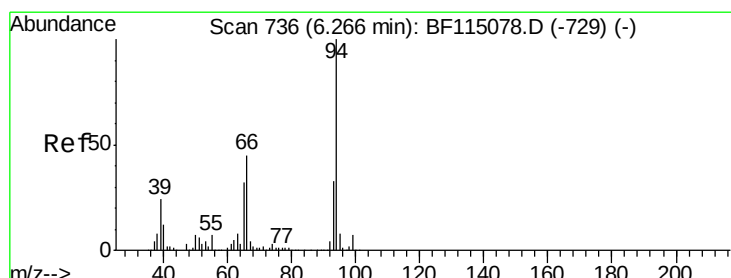
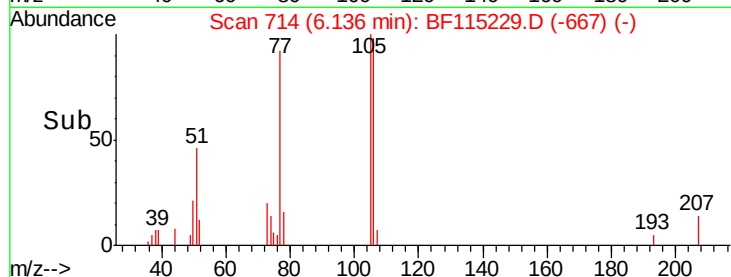
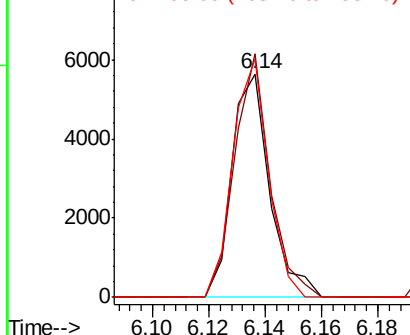
Tot Ion:	77	Resp:	5259
Ion	Ratio	Lower	Upper
77	100		
105	108.8	81.5	121.5
106	106.5	79.7	119.7

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.246 ng

RT: 6.25 min Scan# 734

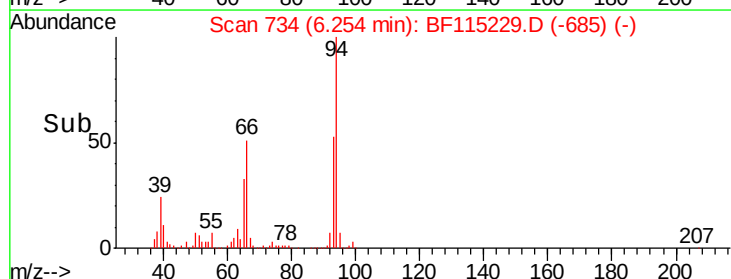
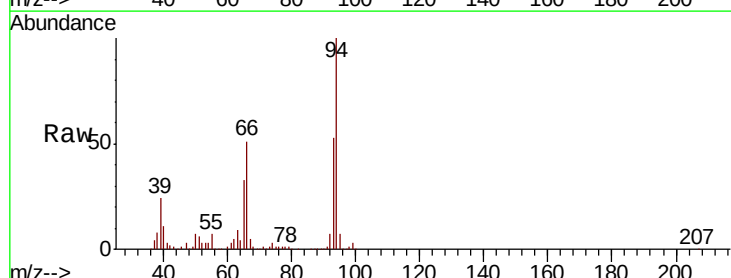
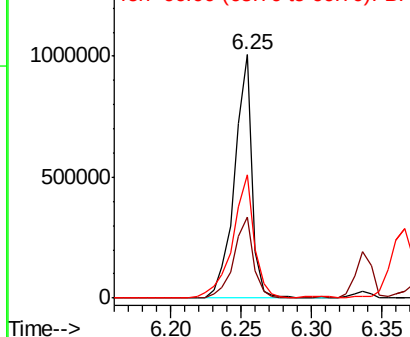
Delta R.T. -0.01 min

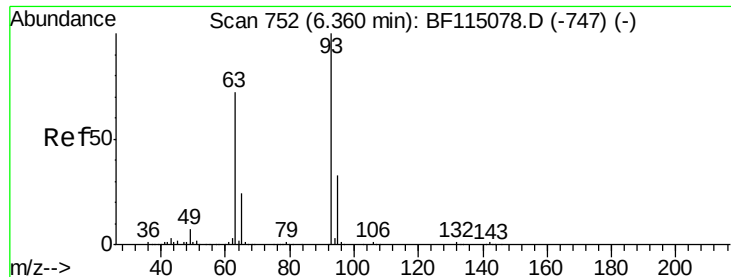
Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Tgt Ion:	94	Resp:	863714
Ion	Ratio	Lower	Upper
94	100		
65	33.2	11.9	51.9
66	50.6	25.2	65.2

Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





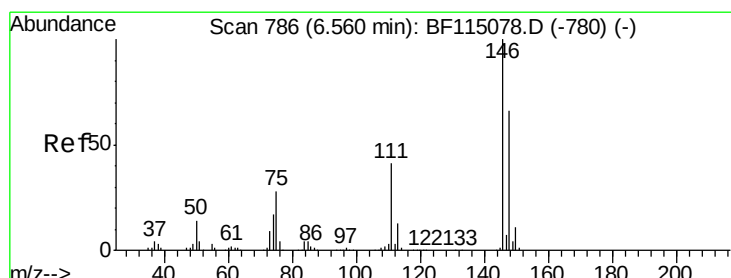
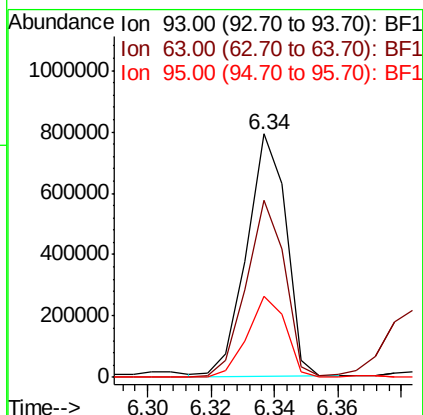
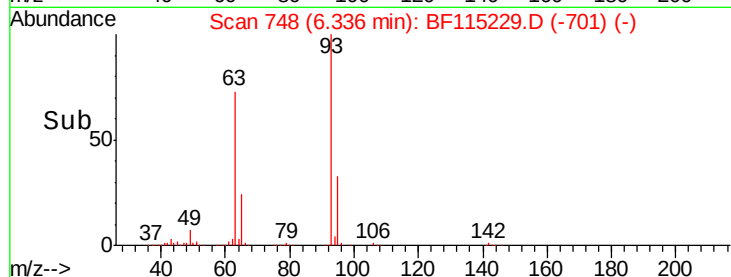
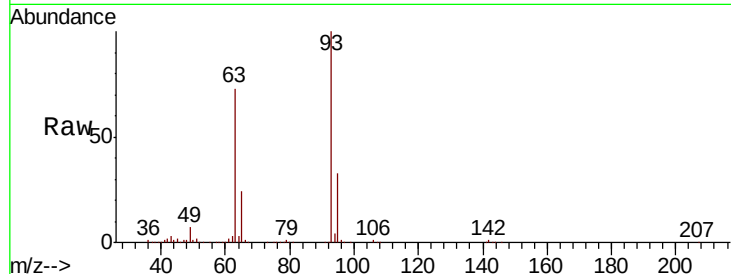
#11
bis(2-Chloroethyl)ether
Concen: 36.582 ng
RT: 6.34 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	680107		
63	72.9		51.5	91.5
95	33.2		13.4	53.4

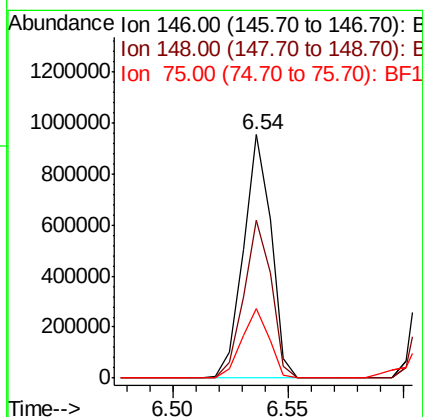
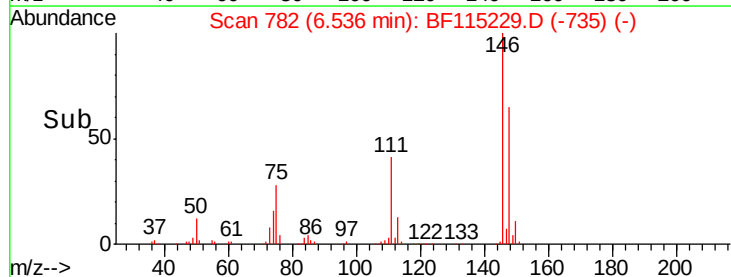
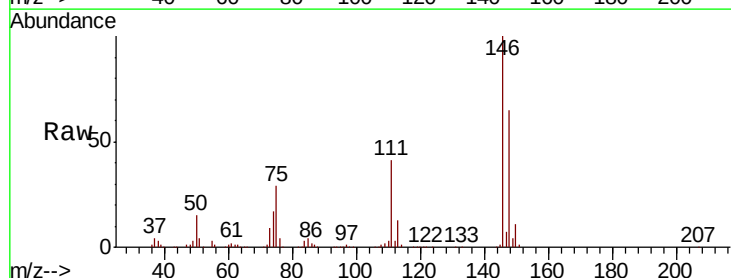
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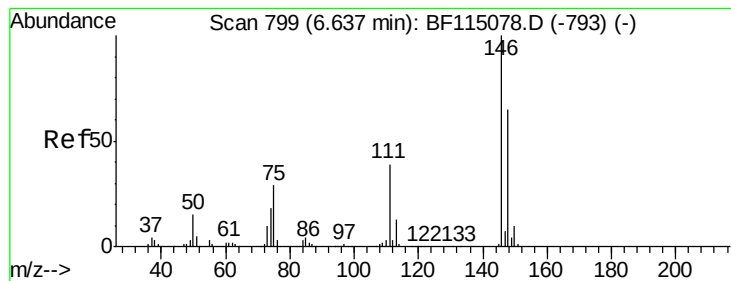
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#12
1,3-Dichlorobenzene
Concen: 36.118 ng
RT: 6.54 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	799558		
148	64.9		52.6	78.8
75	28.7		22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 36.520 ng

RT: 6.61 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

Tot Ion:146 Resp: 810709

Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

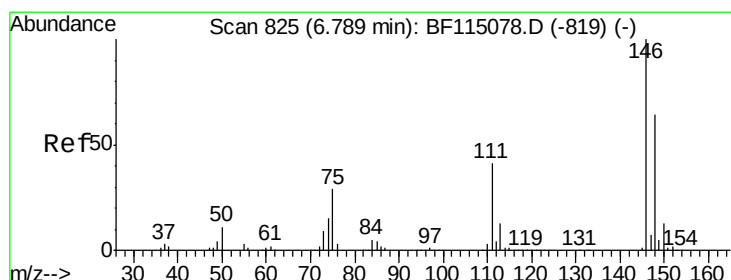
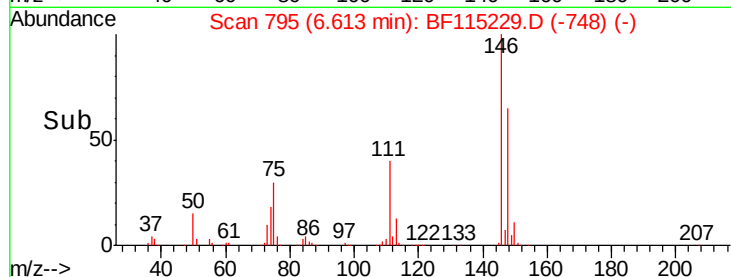
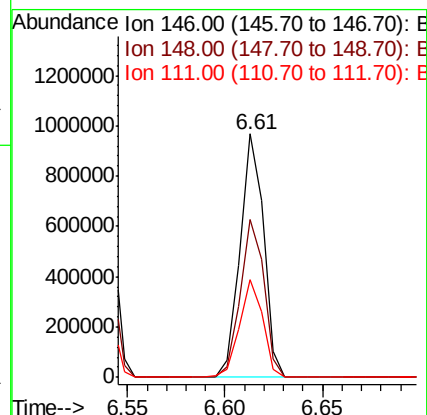
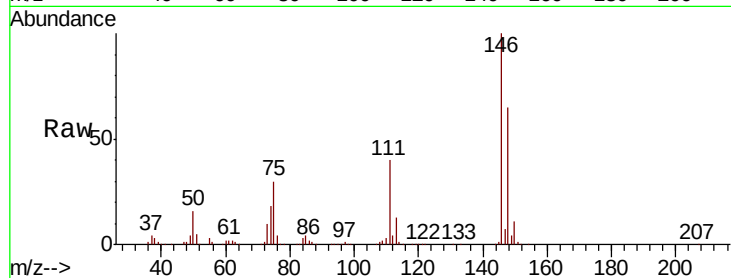
111 40.1 31.4 47.0

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#14

1,2-Dichlorobenzene

Concen: 36.943 ng

RT: 6.77 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

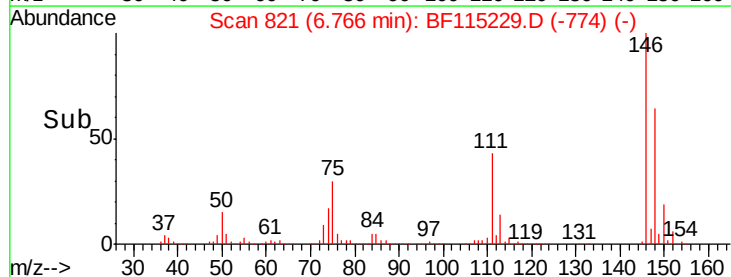
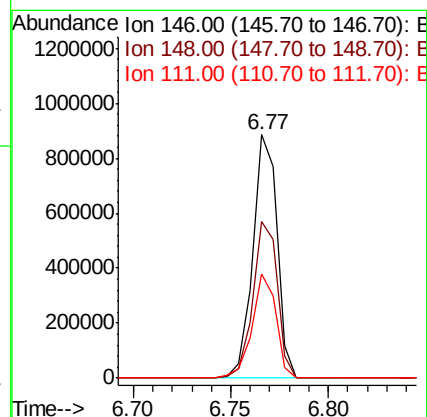
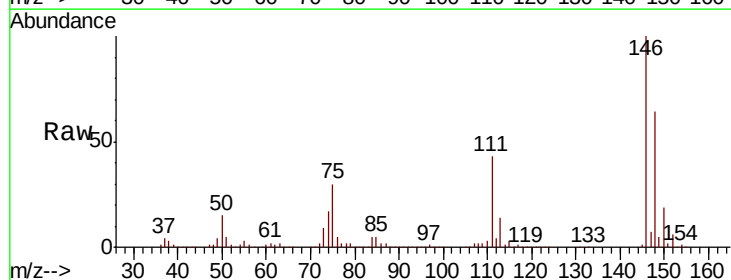
Tgt Ion:146 Resp: 759448

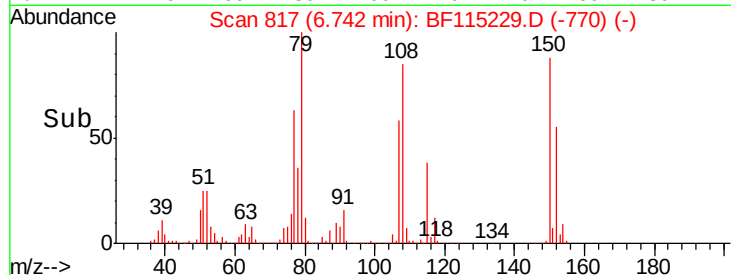
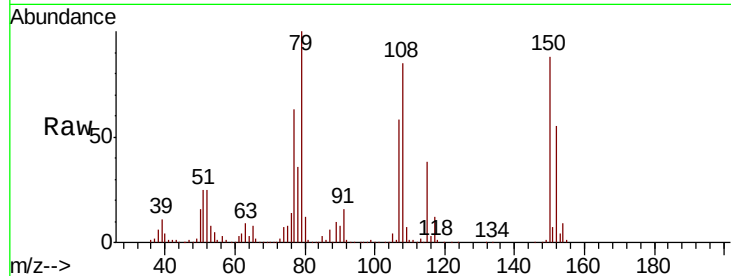
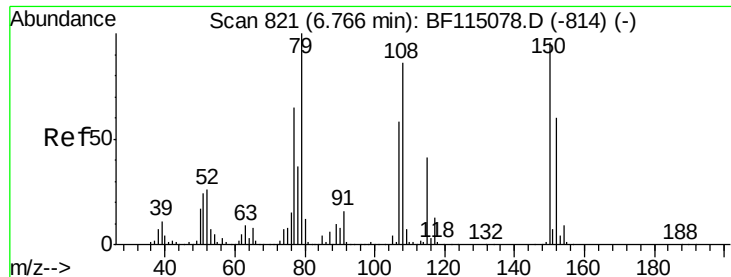
Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

111 42.6 33.2 49.8





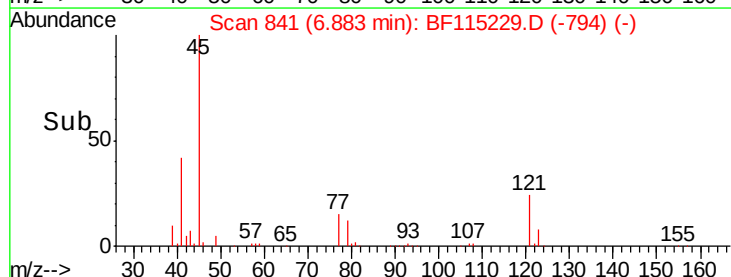
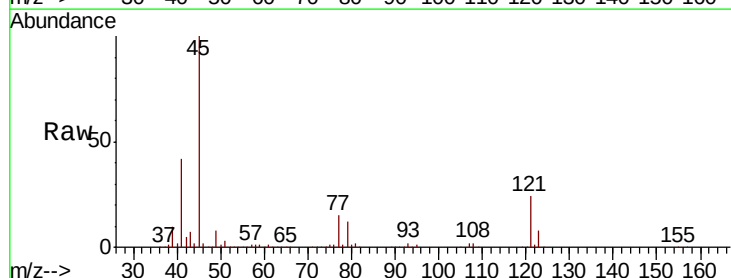
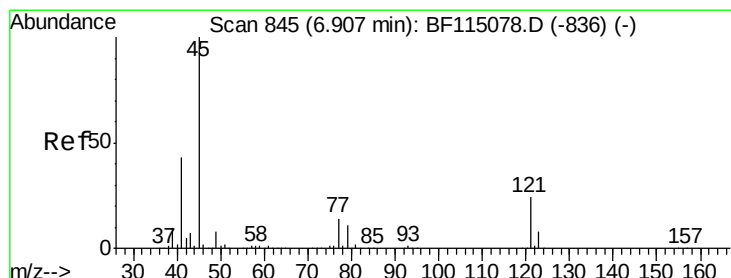
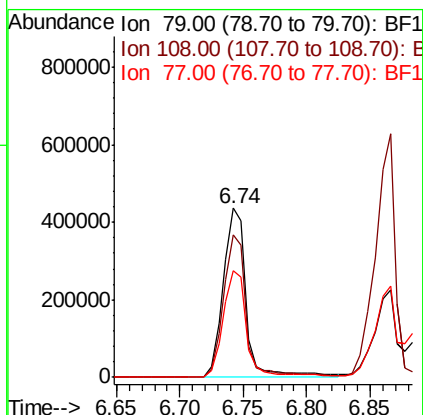
#15
Benzyl Alcohol
Concen: 35.117 ng
RT: 6.74 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tot Ion: 79 Resp: 550573
Ion Ratio Lower Upper
79 100
108 84.7 68.7 103.1
77 63.2 51.7 77.5

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

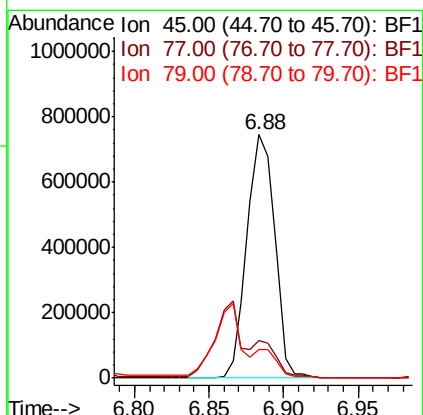
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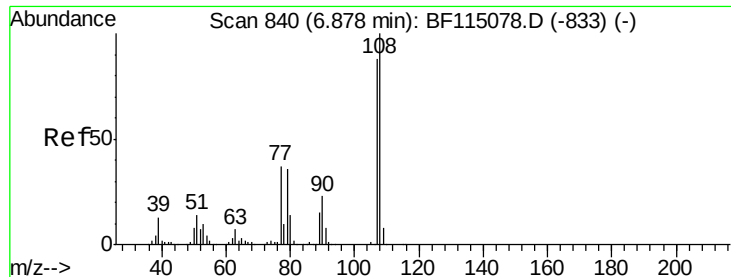
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.735 ng
RT: 6.88 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion: 45 Resp: 963580
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.6
79 12.0 0.0 31.2





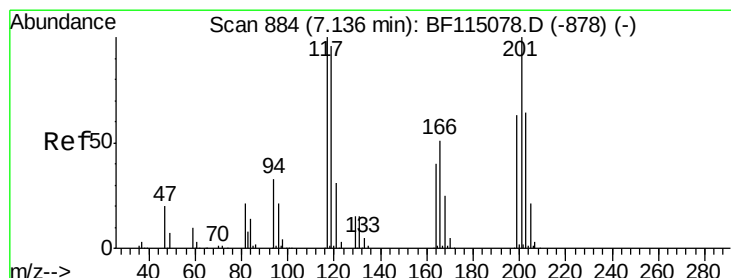
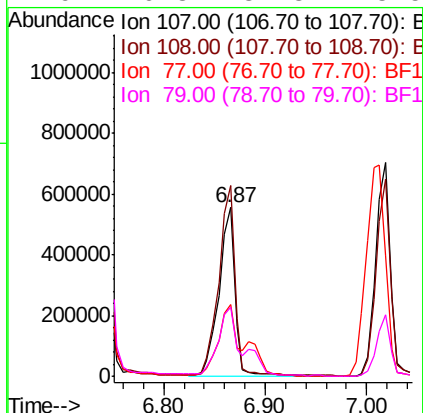
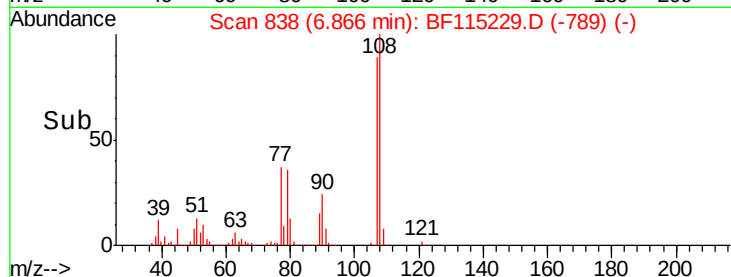
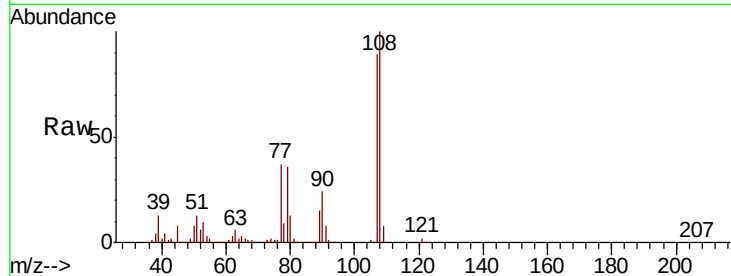
#17
2-Methylphenol
Concen: 37.533 ng
RT: 6.87 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	617960		
108	113.0	90.9	136.3	
77	42.2	33.4	50.2	
79	40.8	32.3	48.5	

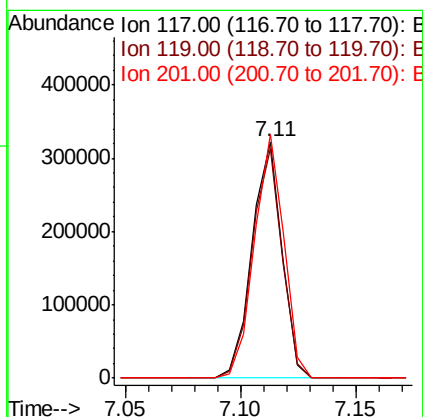
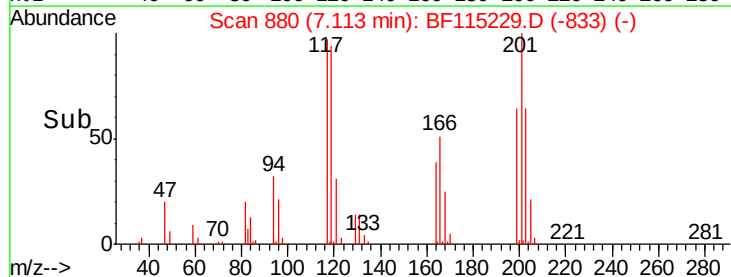
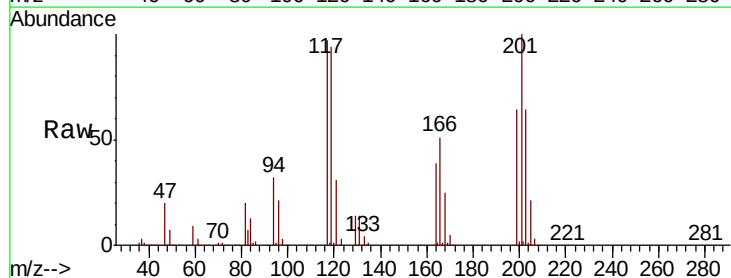
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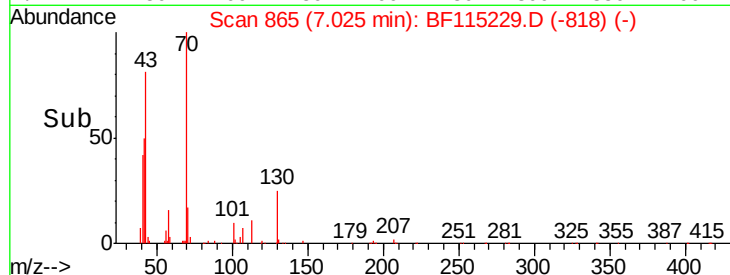
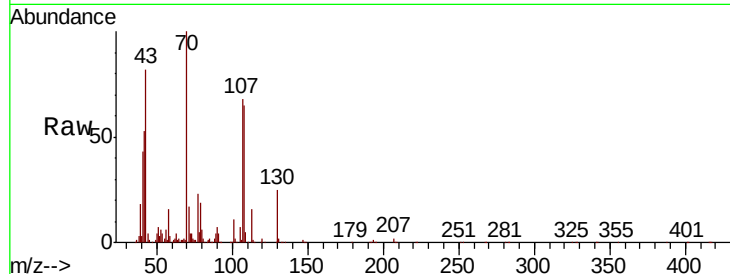
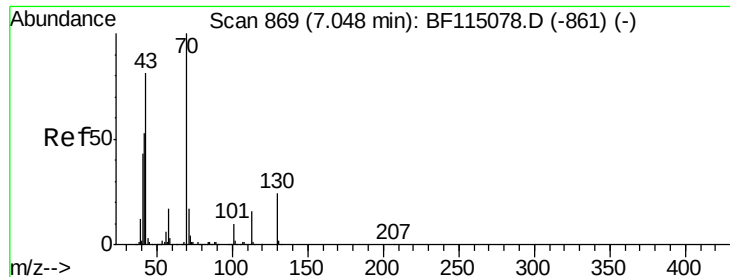
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#18
Hexachloroethane
Concen: 36.399 ng
RT: 7.11 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	291299		
119	97.3	76.6	114.8	
201	103.1	80.2	120.2	





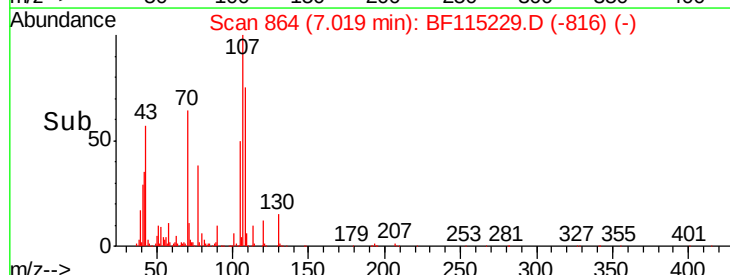
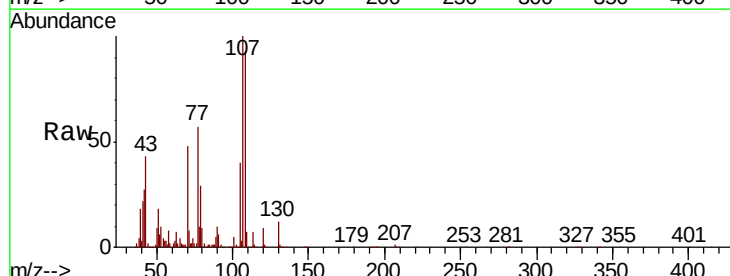
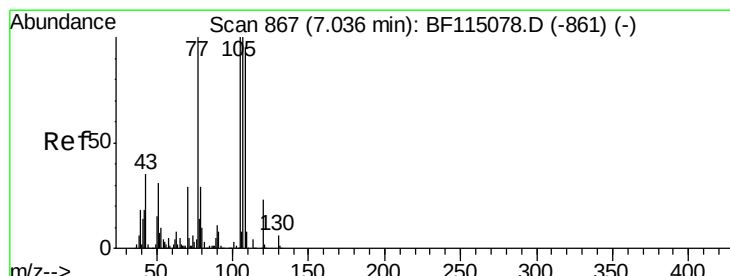
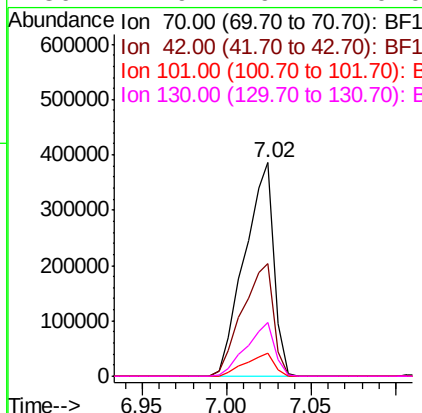
#19
n-Nitroso-di-n-propylamine
Concen: 34.026 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		469028		
42	53.0	42.6	63.8		
101	10.9	8.0	12.0		
130	24.9	19.4	29.0		

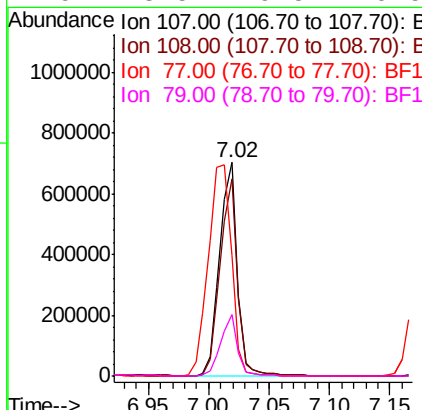
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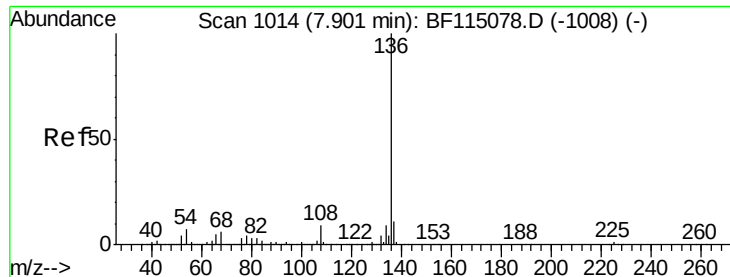
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#20
3+4-Methylphenols
Concen: 37.118 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		705674		
108	92.5	75.5	115.5		
77	56.5	80.2	120.2		
79	28.5	9.5	49.5		





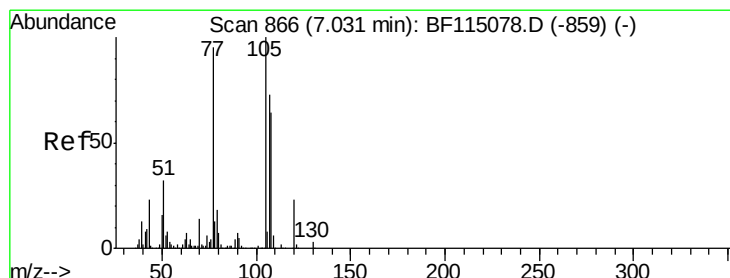
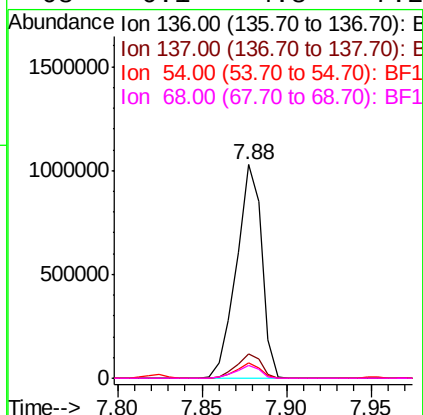
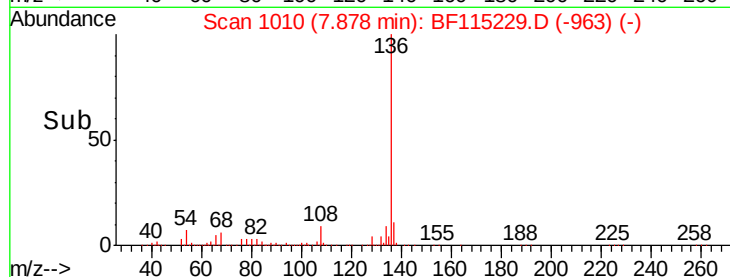
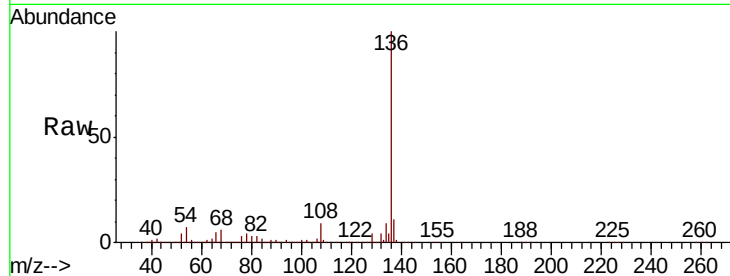
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1070391		
137	11.4	8.9	13.3		
54	7.1	5.6	8.4		
68	6.1	4.8	7.2		

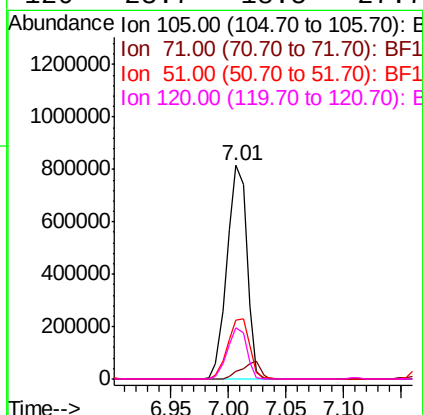
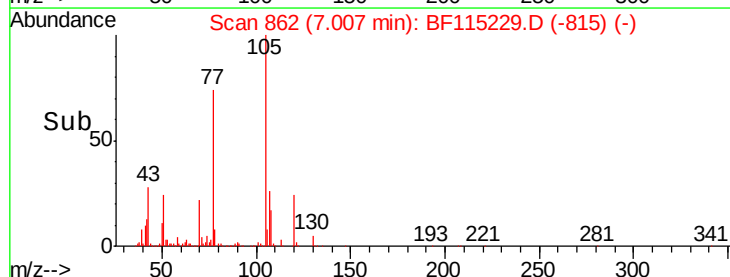
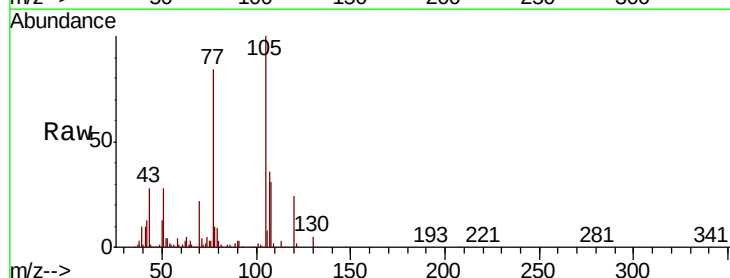
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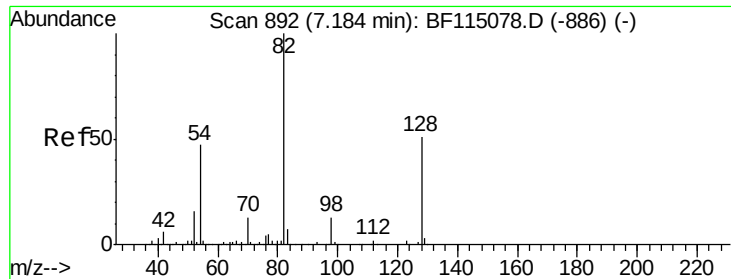
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#22
Acetophenone
Concen: 39.828 ng
RT: 7.01 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		975978		
71	3.8	1.9	2.9#		
51	27.6	25.8	38.8		
120	23.7	18.5	27.7		





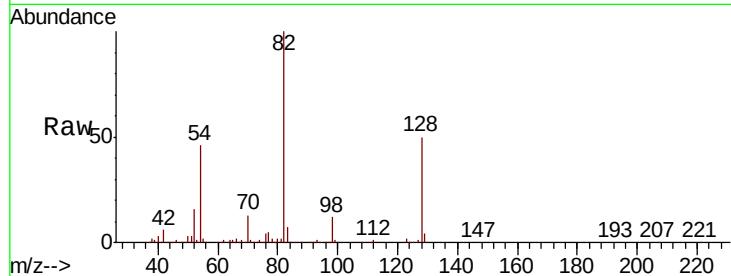
#23
 Nitrobenzene-d5
 Concen: 71.732 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampled :
 PB120942BSD

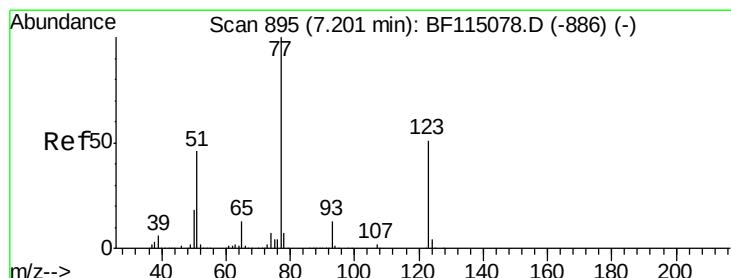
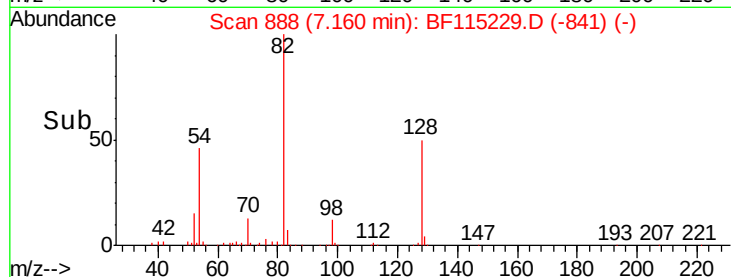
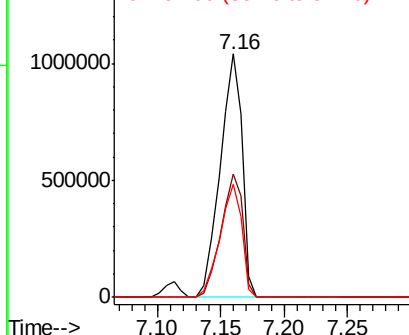
Tot Ion	82	Resp	1248159
Ion Ratio	100	Lower	Upper
82	100		
128	50.4	40.4	60.6
54	46.3	37.5	56.3

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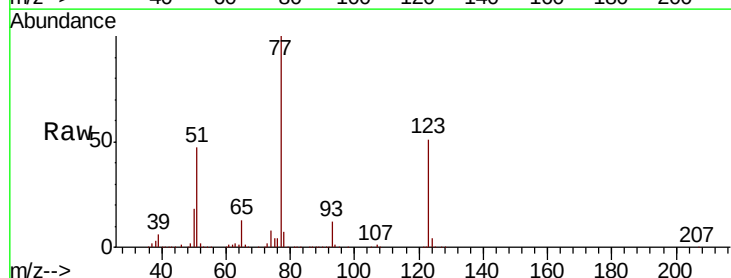


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

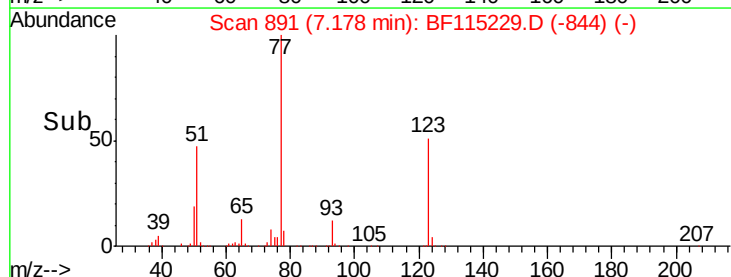
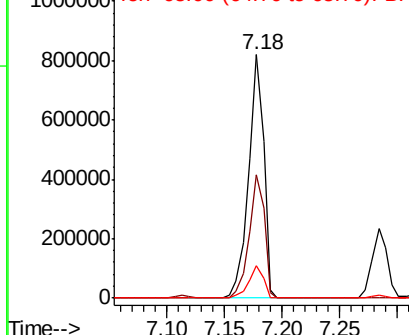


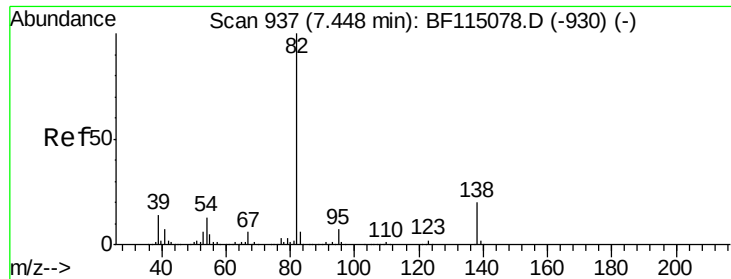
#24
 Nitrobenzene
 Concen: 38.739 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion	77	Resp	742605
Ion Ratio	100	Lower	Upper
77	100		
123	50.8	41.0	61.6
65	13.2	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.145 ng

RT: 7.42 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

Tot Ion: 82 Resp: 1359708

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

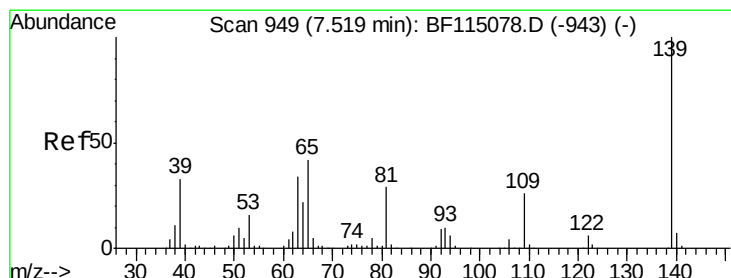
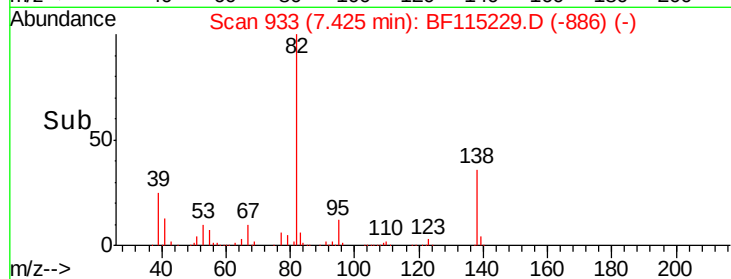
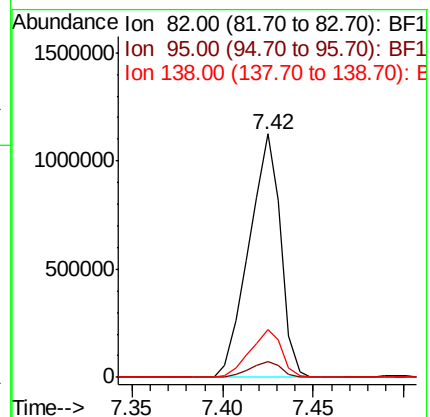
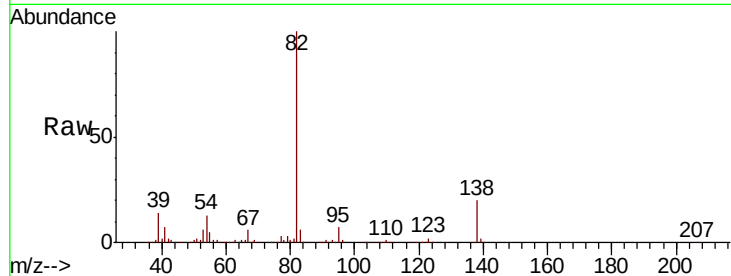
138 19.8 15.9 23.9

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#26

2-Nitrophenol

Concen: 43.970 ng

RT: 7.50 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

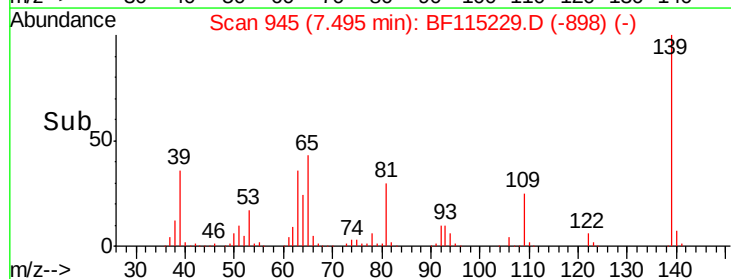
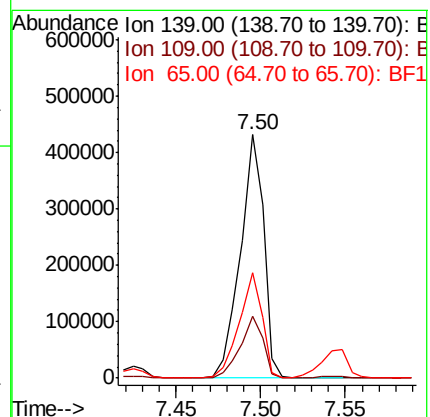
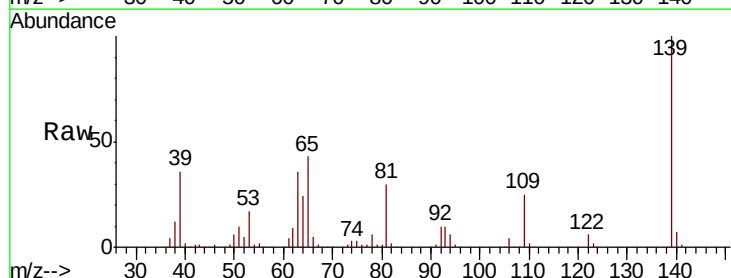
Tgt Ion: 139 Resp: 416251

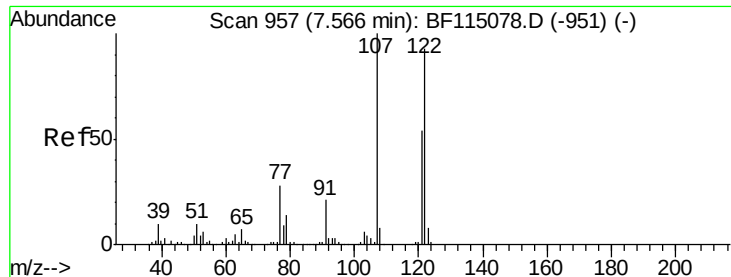
Ion Ratio Lower Upper

139 100

109 25.3 20.4 30.6

65 43.4 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 43.621 ng

RT: 7.55 min Scan# 954

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

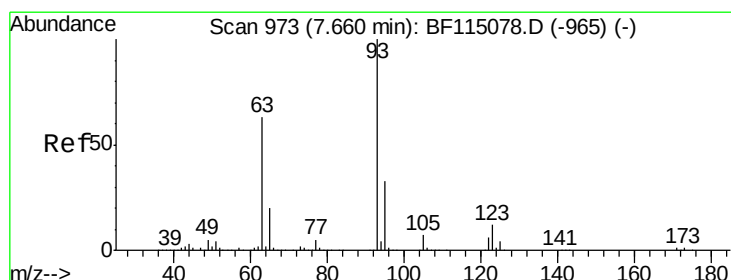
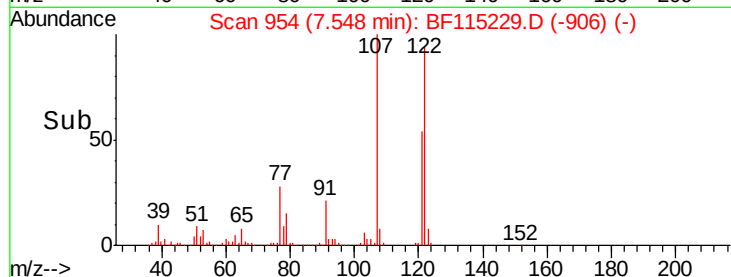
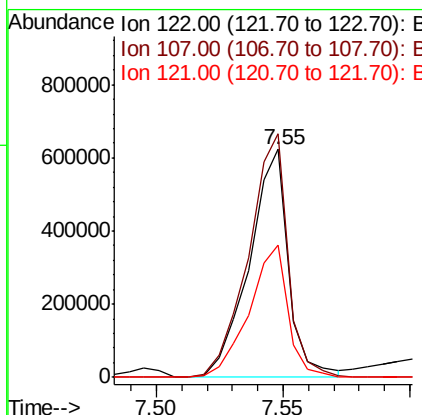
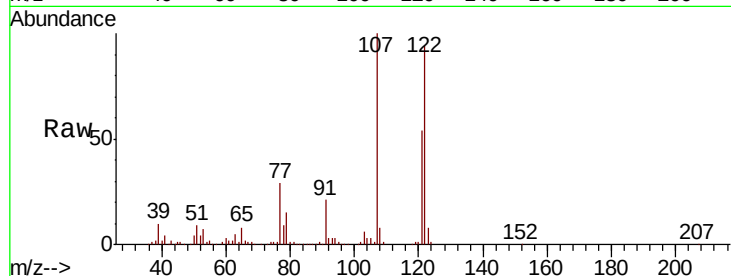
ClientSampleId :

PB120942BSD

Tot Ion:	122	Resp:	676129
Ion	Ratio	Lower	Upper
122	100		
107	106.7	85.8	128.6
121	57.9	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 37.601 ng

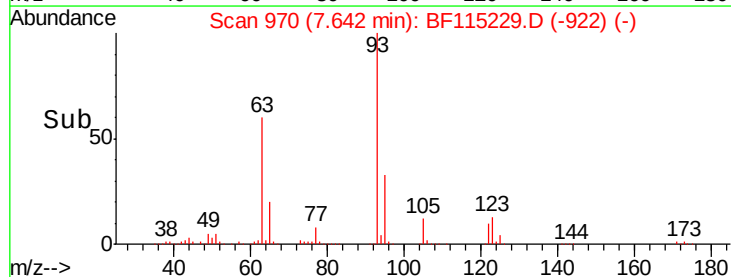
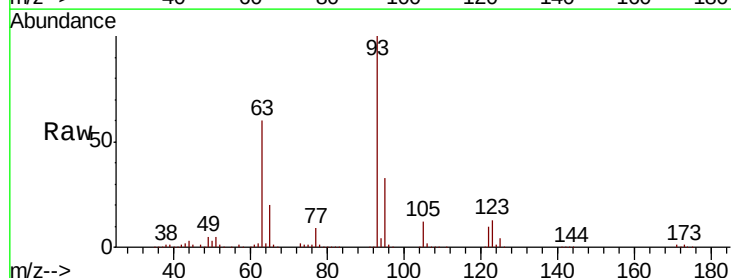
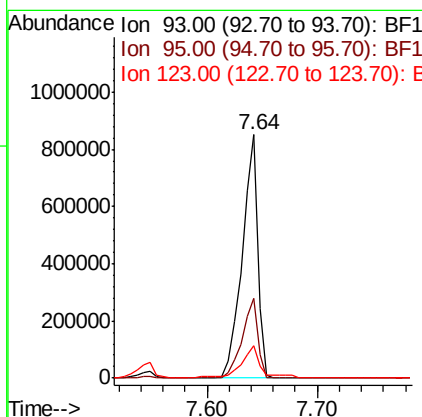
RT: 7.64 min Scan# 970

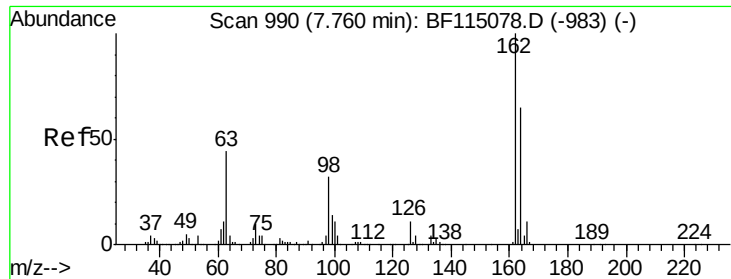
Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Tgt Ion:	93	Resp:	847124
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	13.4	9.7	14.5





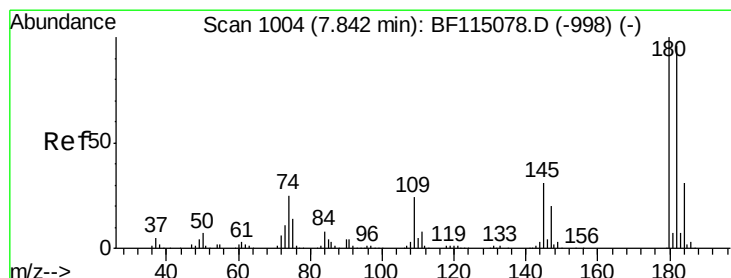
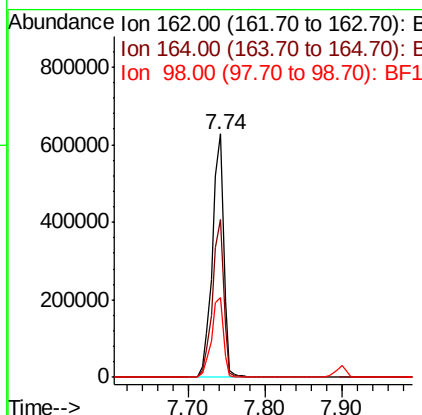
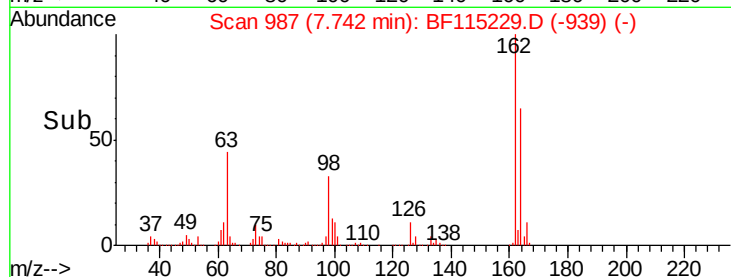
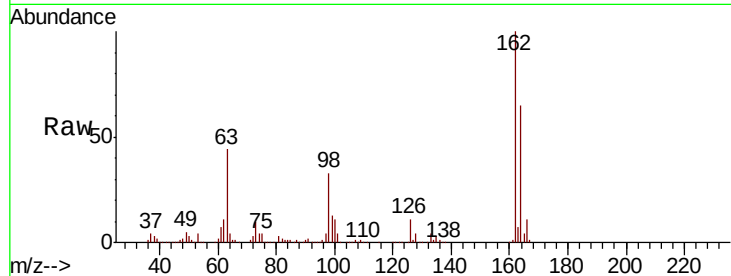
#29
2,4-Dichlorophenol
Concen: 39.530 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	632315		
164	64.9	45.3	85.3	
98	32.8	12.5	52.5	

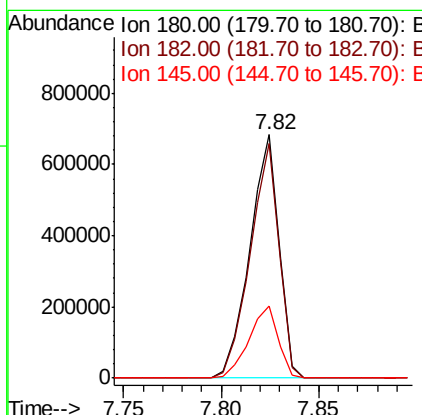
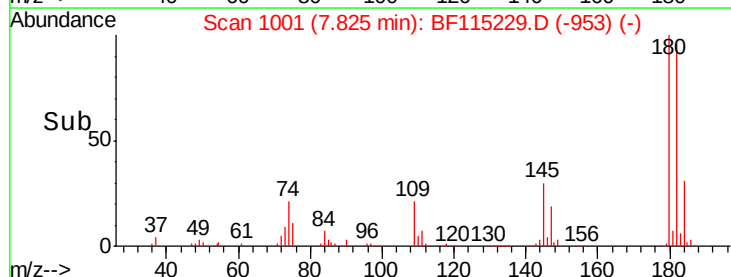
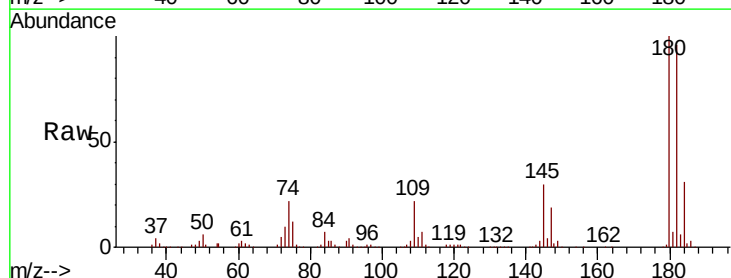
Manual Integrations
APPROVED

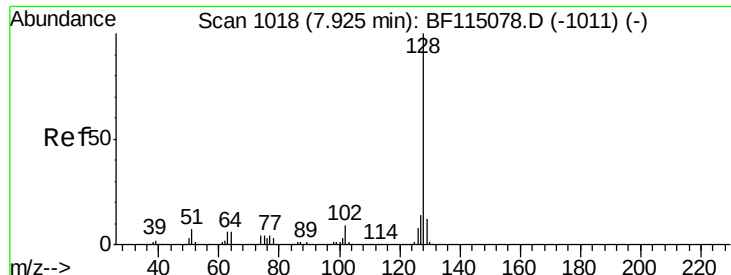
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#30
1,2,4-Trichlorobenzene
Concen: 39.945 ng
RT: 7.82 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	705770		
182	96.1	76.4	114.6	
145	29.8	24.8	37.2	





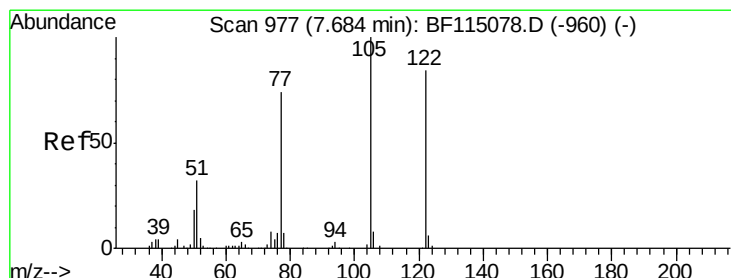
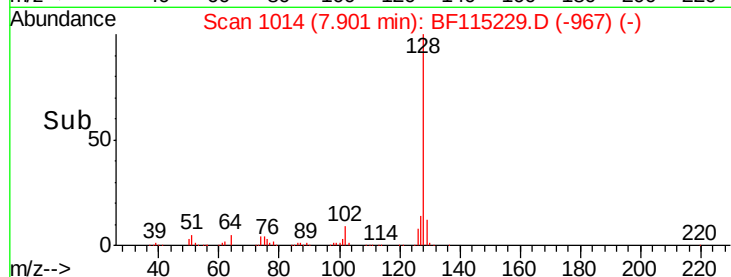
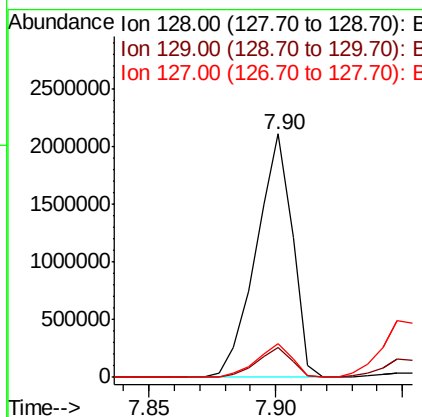
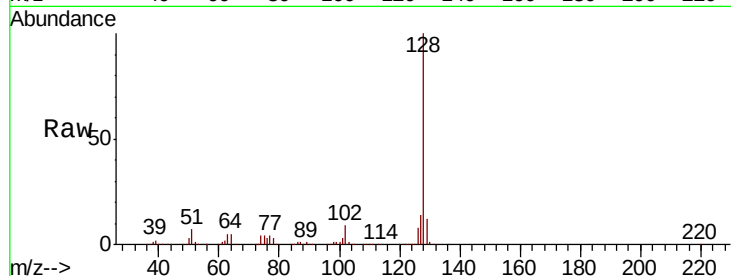
#31
Naphthalene
Concen: 40.254 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	14.0	11.4	17.0

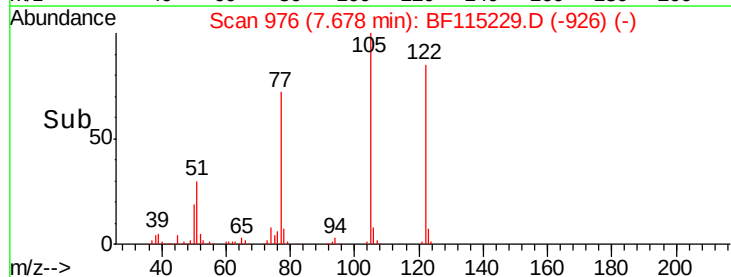
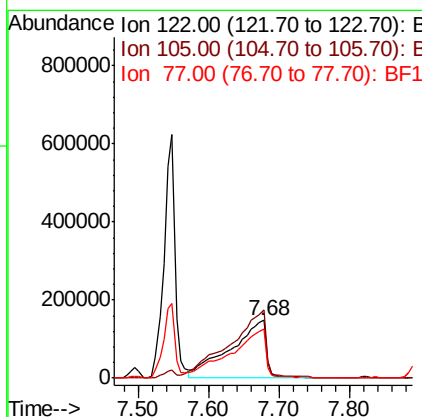
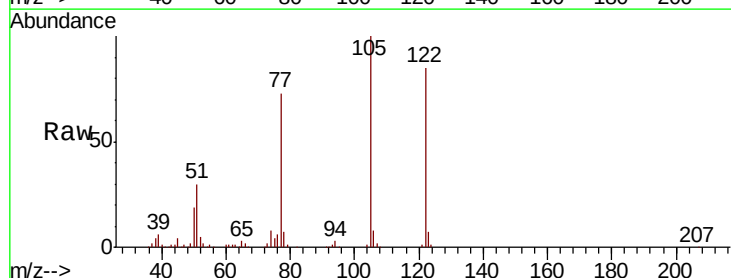
Manual Integrations
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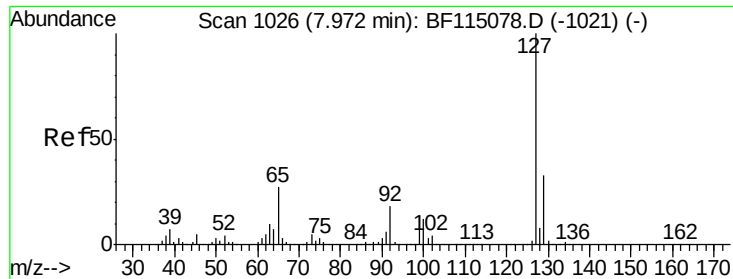
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#32
Benzoic acid
Concen: 47.158 ng
RT: 7.68 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.3	98.2	138.2
77	85.5	67.0	107.0





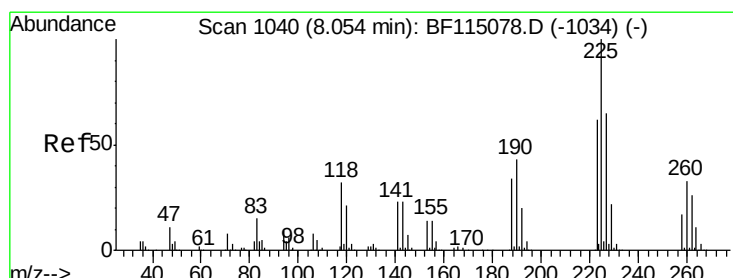
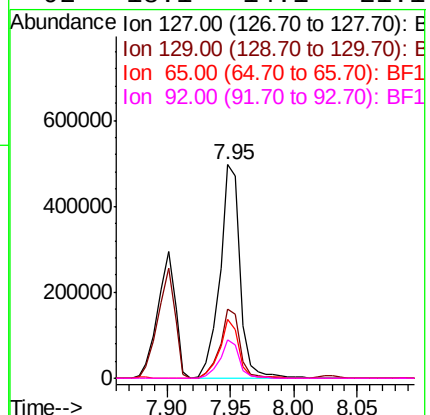
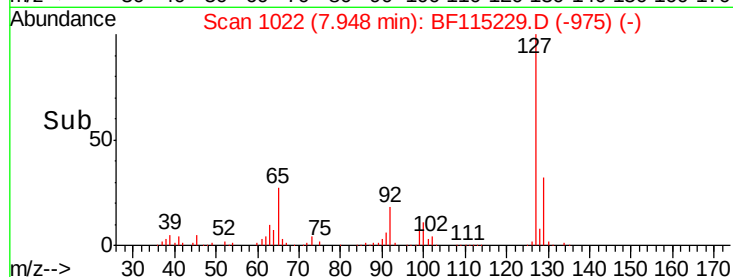
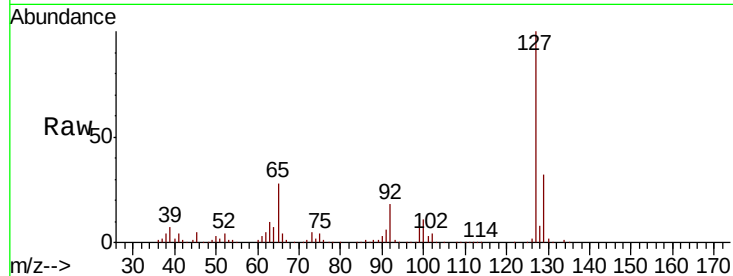
#33
4-Chloroaniline
Concen: 23.136 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.1	39.1		
65	27.8	21.4	32.2		
92	18.1	14.1	21.1		

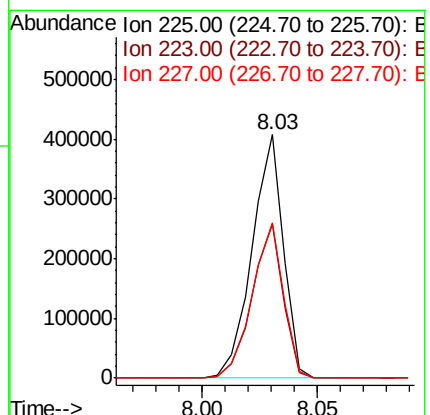
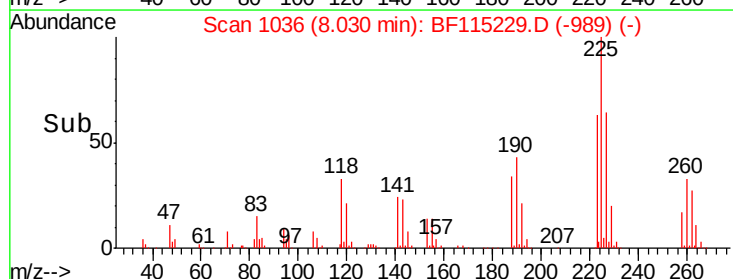
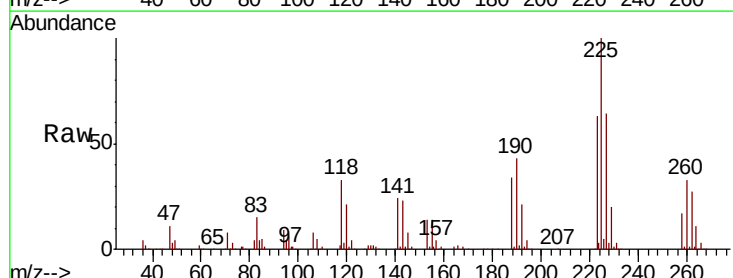
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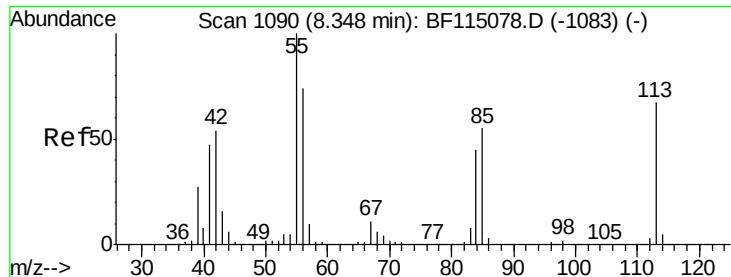
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#34
Hexachlorobutadiene
Concen: 39.729 ng
RT: 8.03 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.4	74.2		
227	64.0	51.8	77.8		





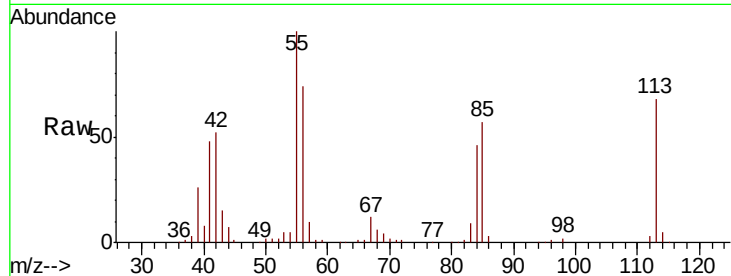
#35
Caprolactam
Concen: 37.084 ng/ml
RT: 8.32 min Scan# 1085
Delta R.T. -0.03 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	147.1	130.2	170.2
56	108.7	91.6	131.6

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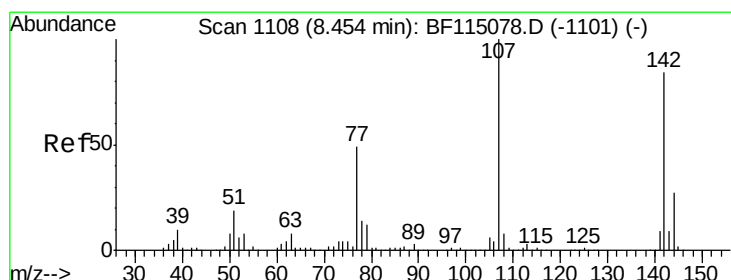
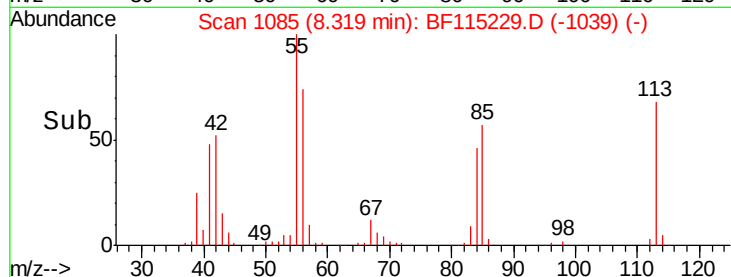
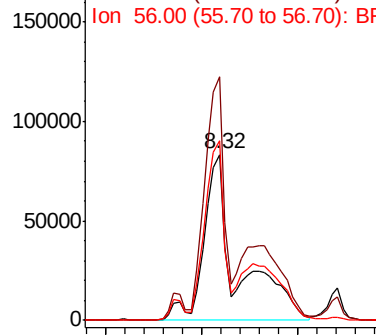


Abundance

Ion 113.00 (112.70 to 113.70): E

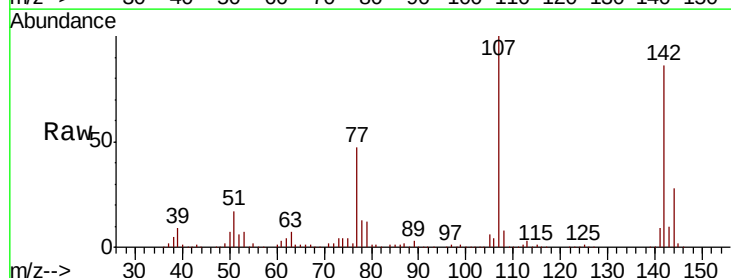
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 38.781 ng/ml
RT: 8.44 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.3	21.7	32.5
142	86.5	67.0	100.4

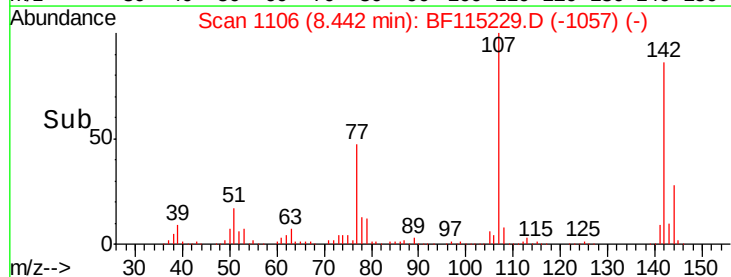
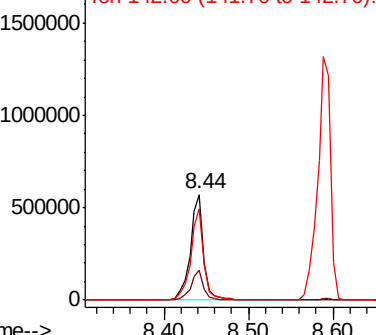


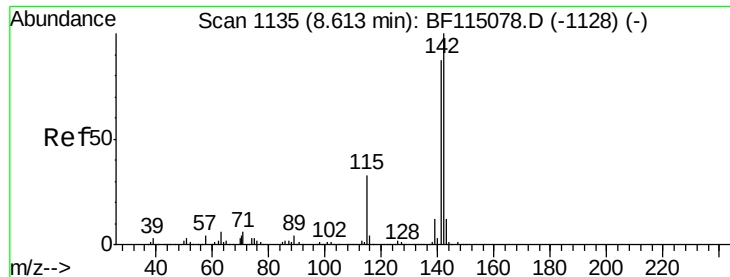
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





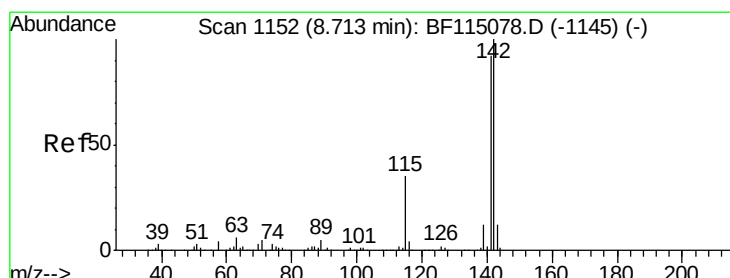
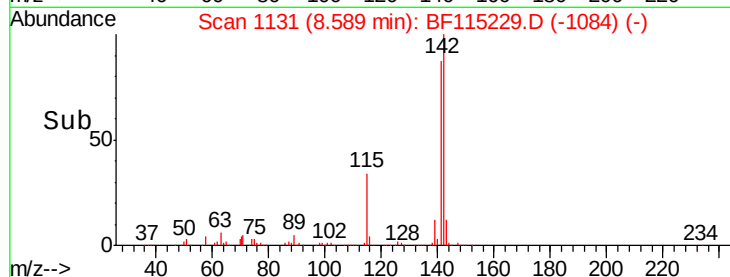
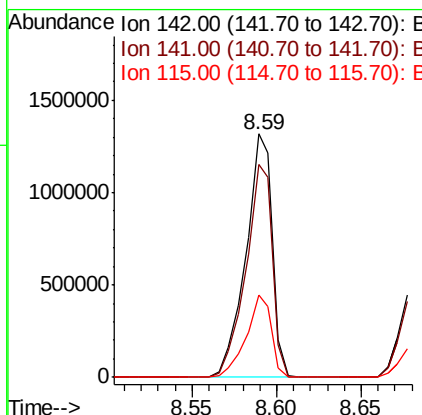
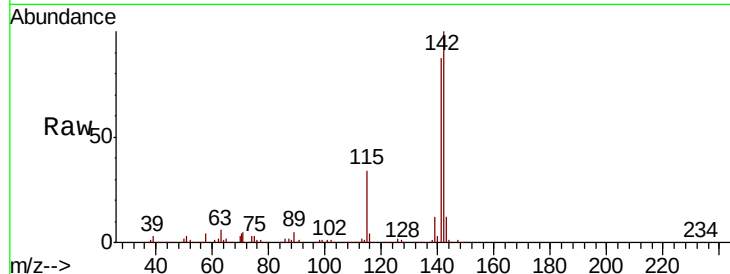
#37
2-Methylnaphthalene
Concen: 40.553 ng
RT: 8.59 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion:142 Resp: 1436668
Ion Ratio Lower Upper
142 100
141 87.4 69.8 104.6
115 33.7 26.7 40.1

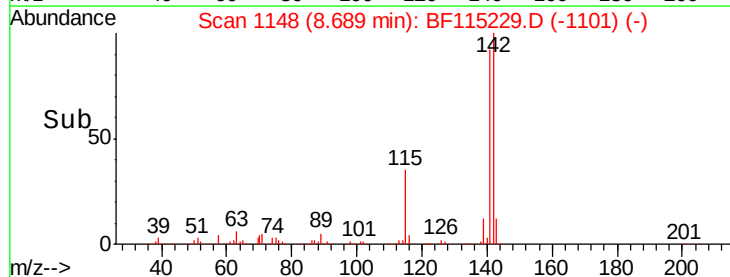
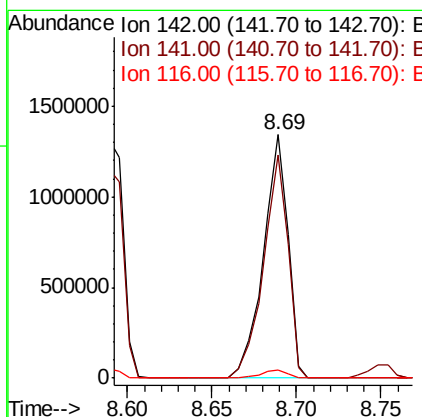
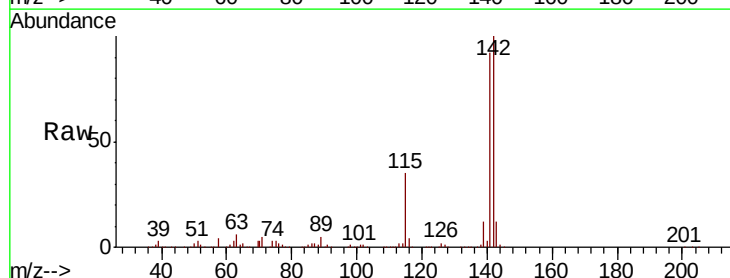
Manual Integrations
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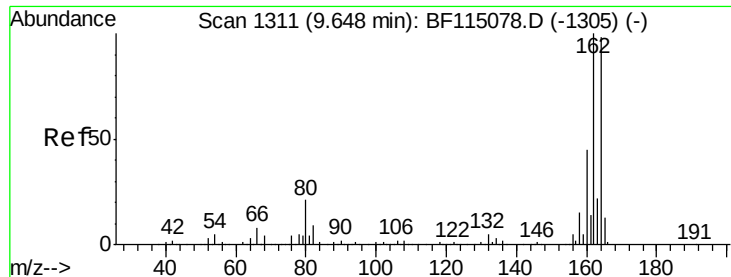
mohammad
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#38
1-Methylnaphthalene
Concen: 39.857 ng
RT: 8.69 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion:142 Resp: 1348561
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.8
116 3.6 2.8 4.2





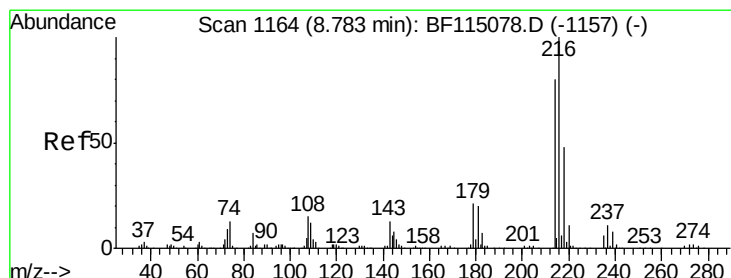
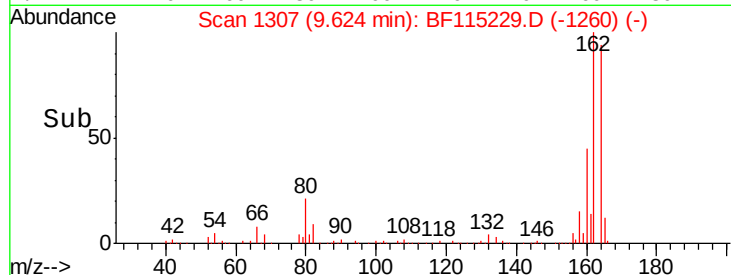
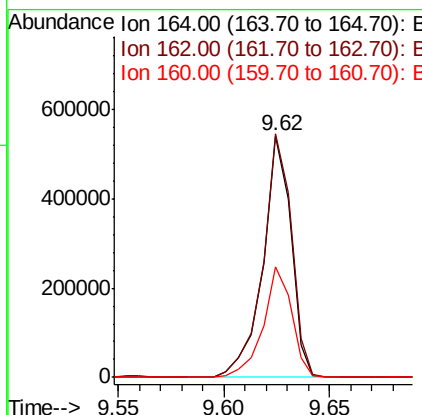
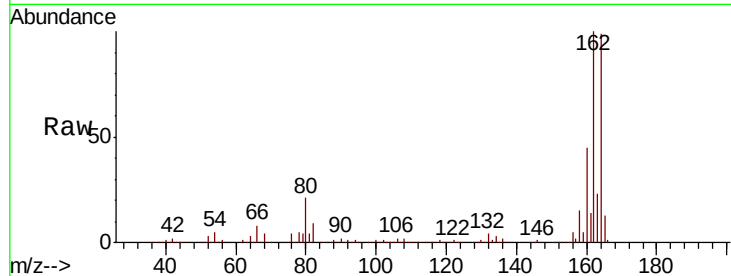
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.7	122.5
160	45.6	37.0	55.4

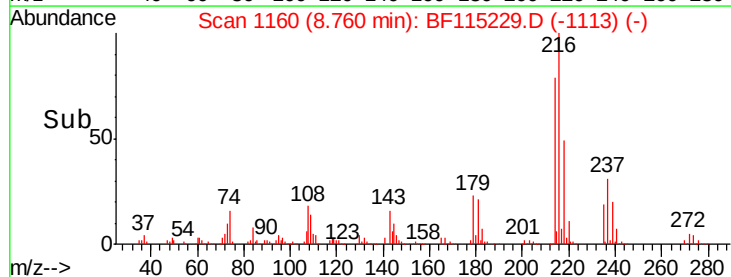
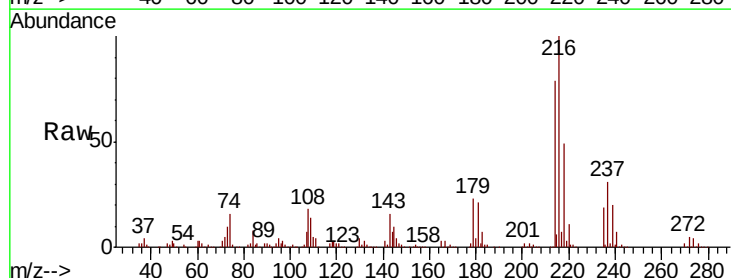
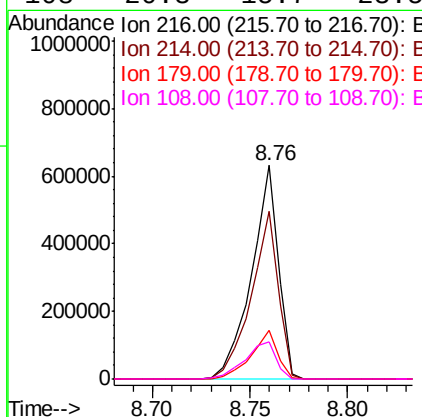
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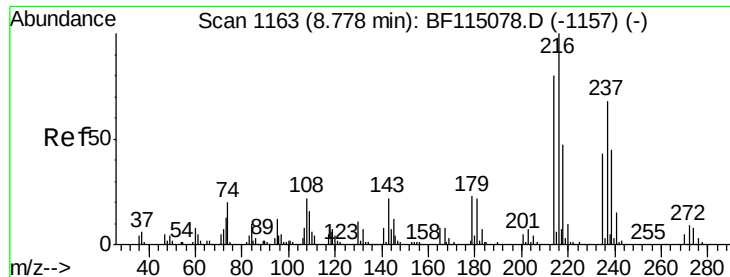
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.260 ng
RT: 8.76 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	22.2	17.6	26.4
108	20.3	15.7	23.5





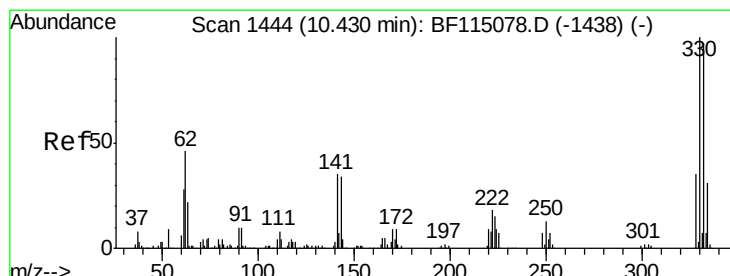
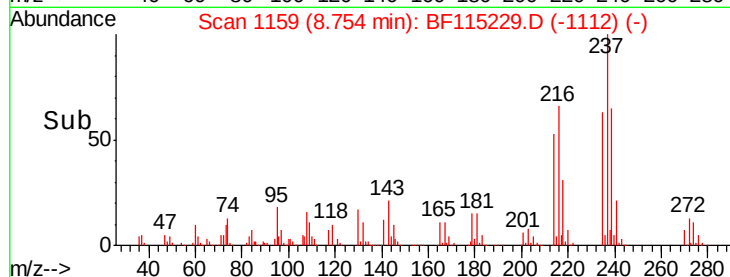
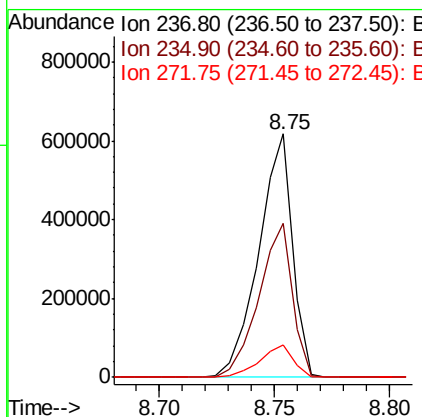
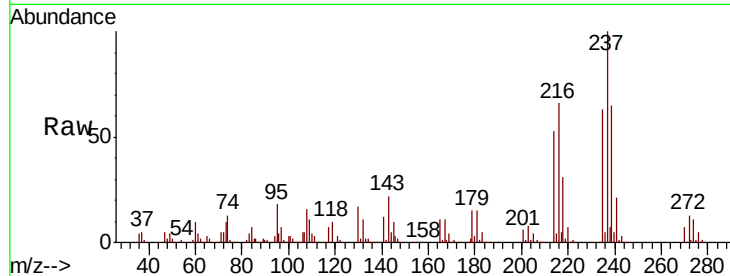
#41
 Hexachlorocyclopentadiene
 Concen: 74.367 ng
 RT: 8.75 min Scan# 1159
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	627907		
235	63.0		43.9	83.9
272	13.5		0.0	33.8

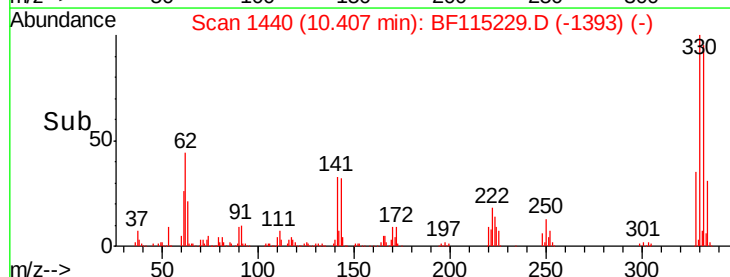
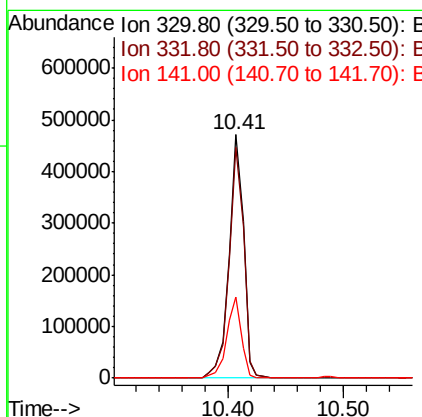
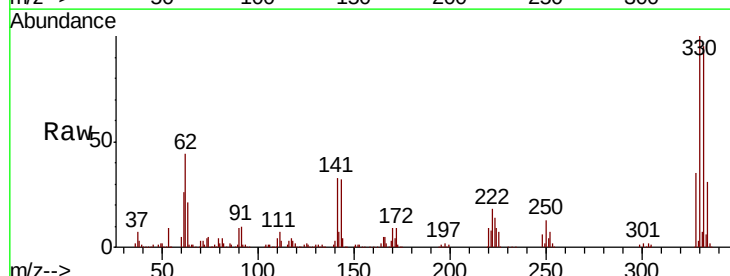
Manual Integrations
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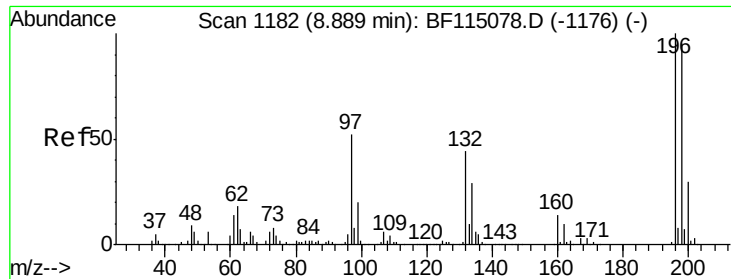
mohammad
 6/28/2019 2:58:10 PM



#42
 2,4,6-Tribromophenol
 Concen: 77.488 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	411755		
332	96.2		77.3	115.9
141	33.6		28.2	42.2





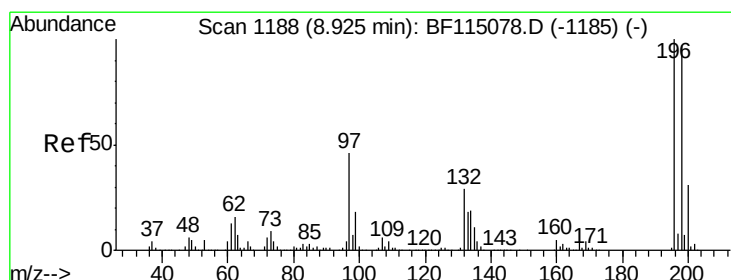
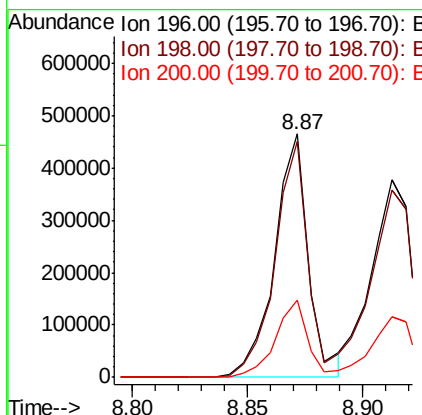
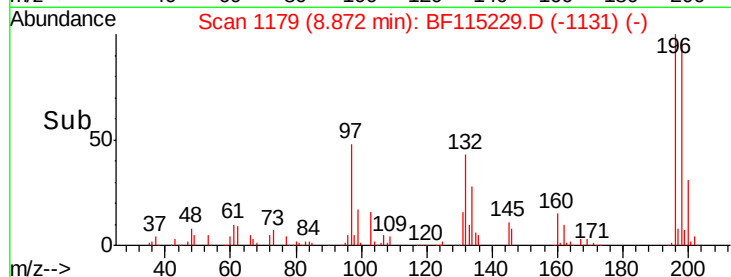
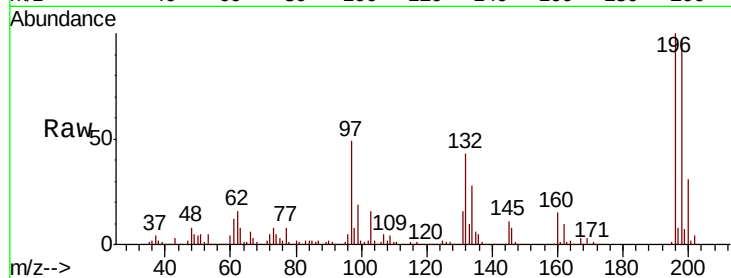
#43
 2,4,6-Trichlorophenol
 Concen: 42.859 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	471158		
198	96.7	76.3	114.5	
200	31.5	24.2	36.4	

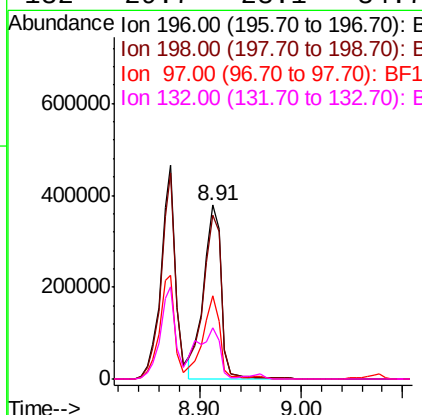
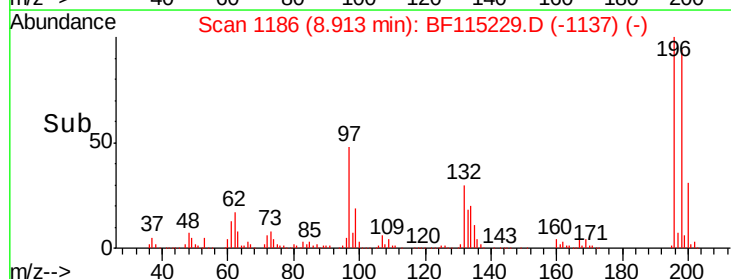
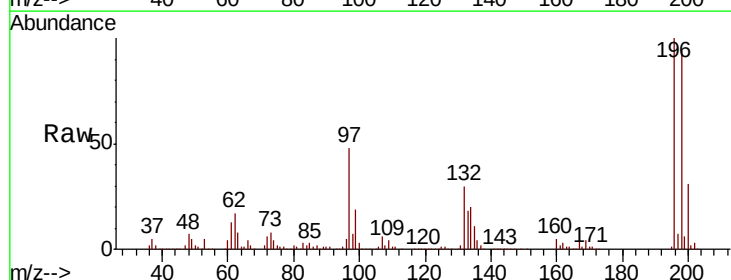
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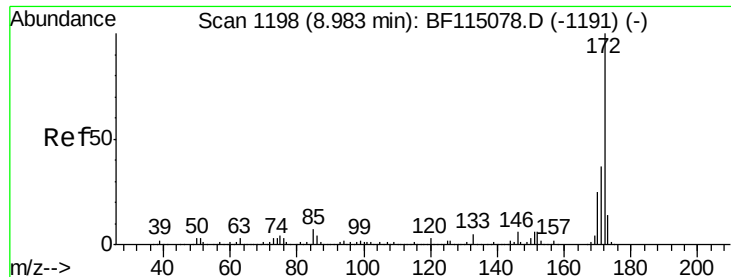
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.477 ng
 RT: 8.91 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	458234		
198	94.4	77.1	115.7	
97	47.8	37.7	56.5	
132	29.7	23.1	34.7	





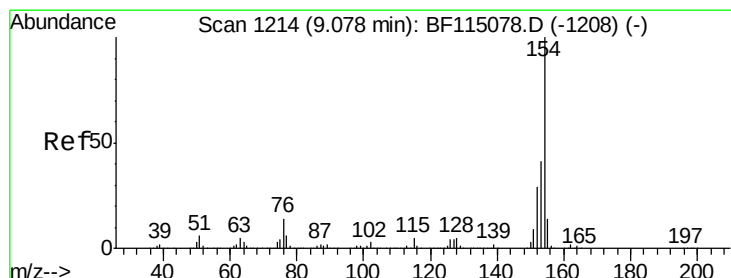
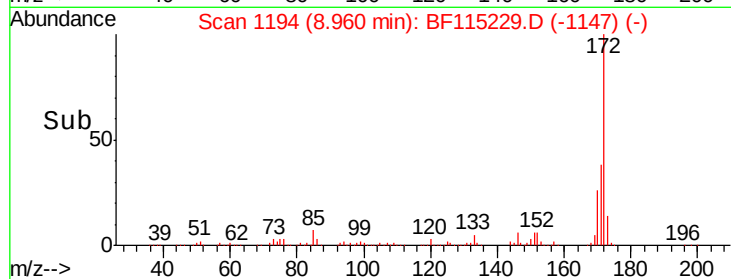
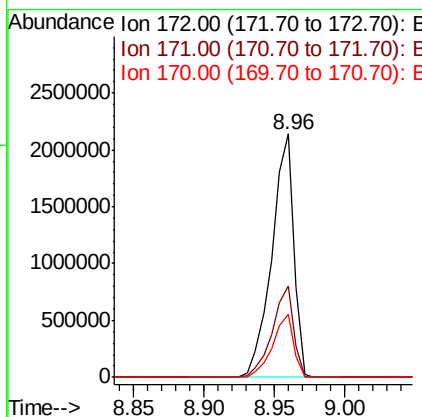
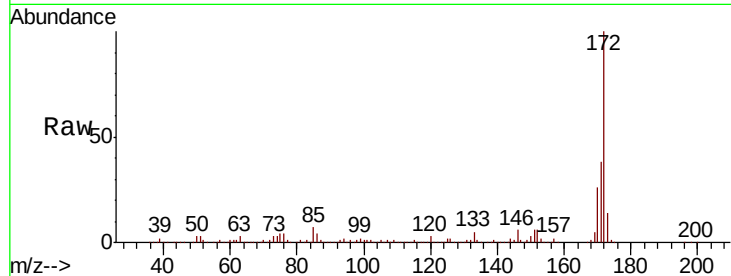
#45
2-Fluorobiphenyl
Concen: 78.840 ng
RT: 8.96 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampled :
PB120942BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.9	20.3	30.5

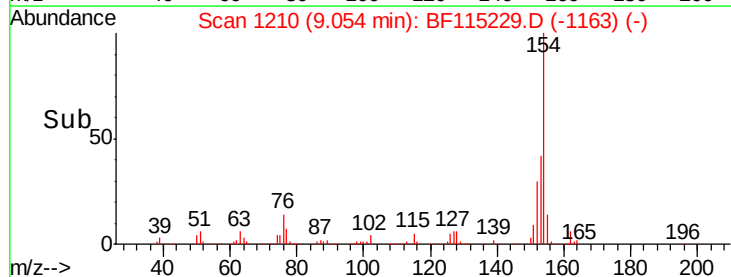
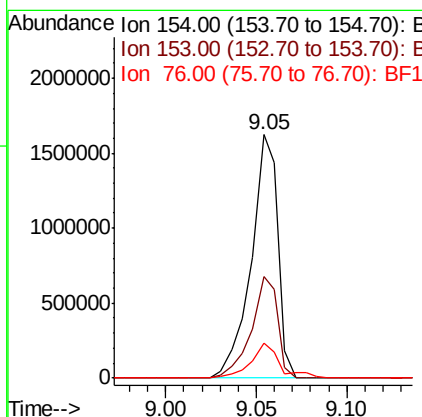
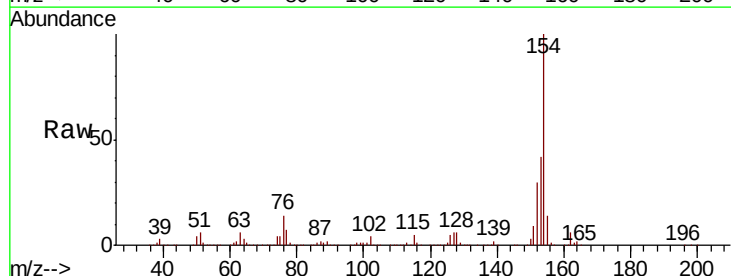
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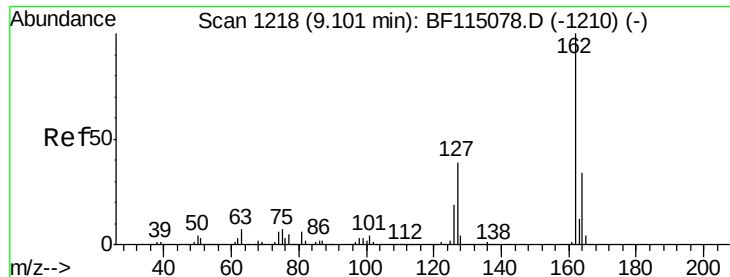
mohammad
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#46
1,1'-Biphenyl
Concen: 41.124 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.9	60.9
76	14.2	0.0	34.1





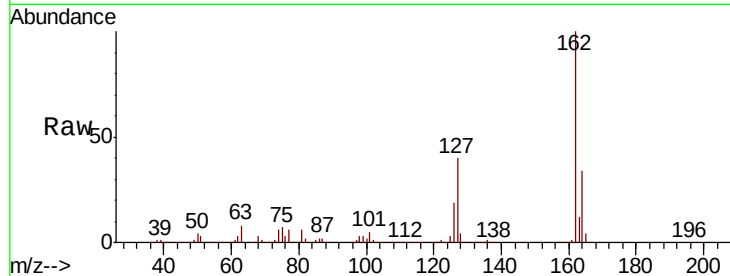
#47
2-Chloronaphthalene
Concen: 40.135 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	30.8	46.2
164	33.9	27.0	40.4

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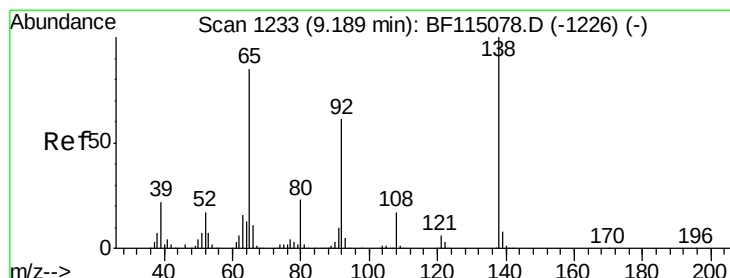
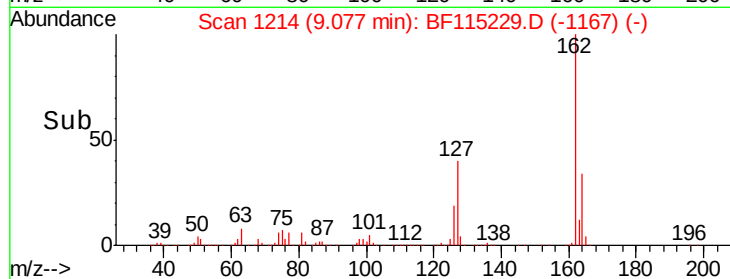
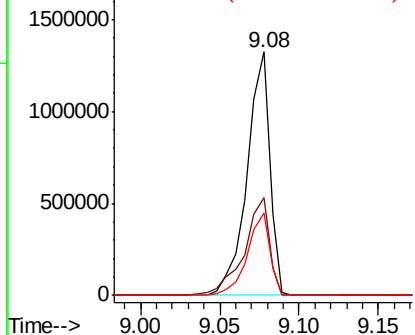


Abundance

Ion 162.00 (161.70 to 162.70): E

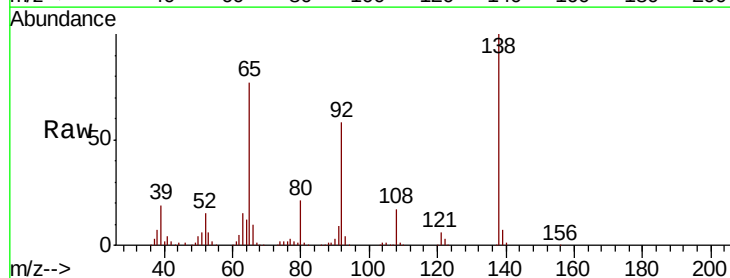
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 38.953 ng
RT: 9.17 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.7	57.4	86.2
138	130.7	94.1	141.1

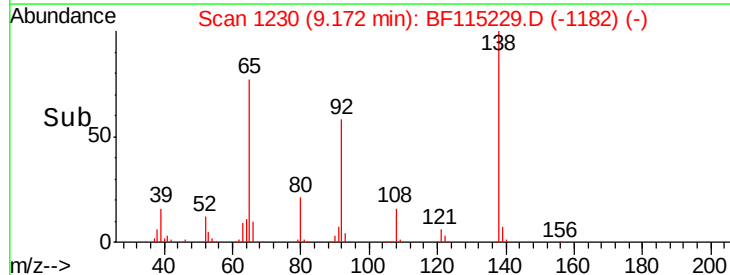
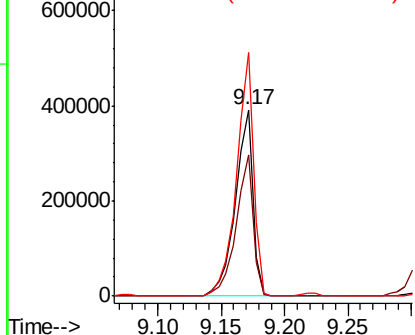


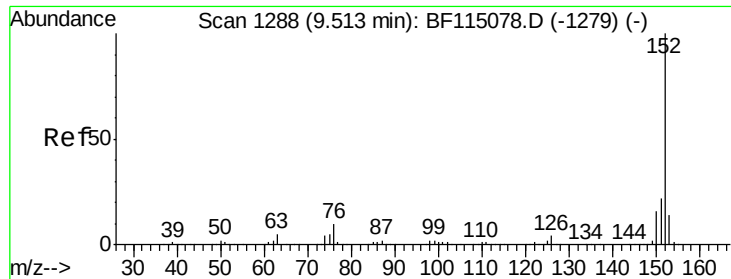
Abundance

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: 39.783 ng

RT: 9.49 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

Tot Ion:152 Resp: 2027157

Ion Ratio Lower Upper

152 100

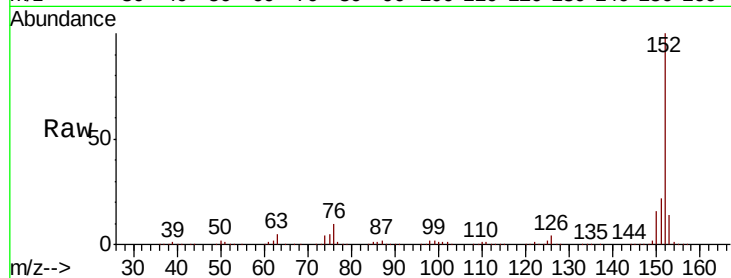
151 21.6 17.2 25.8

153 14.2 11.0 16.6

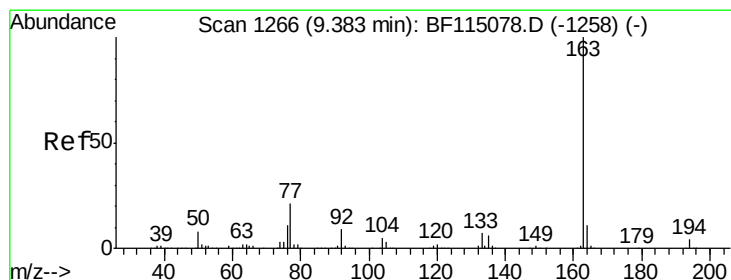
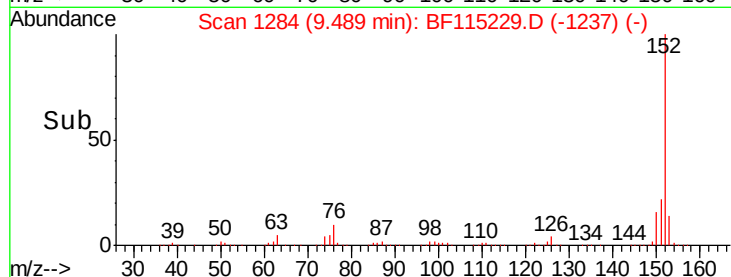
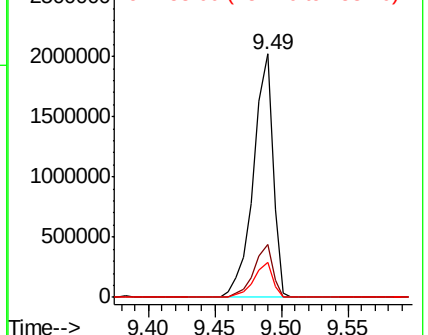
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.923 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

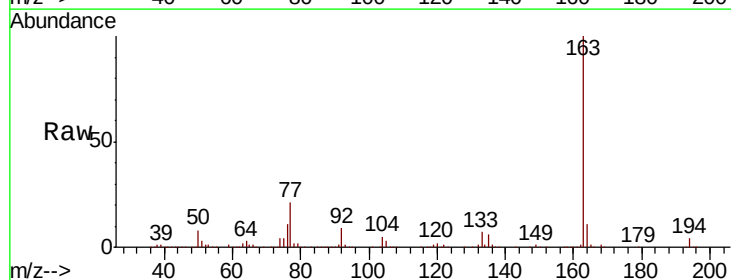
Tgt Ion:163 Resp: 1480068

Ion Ratio Lower Upper

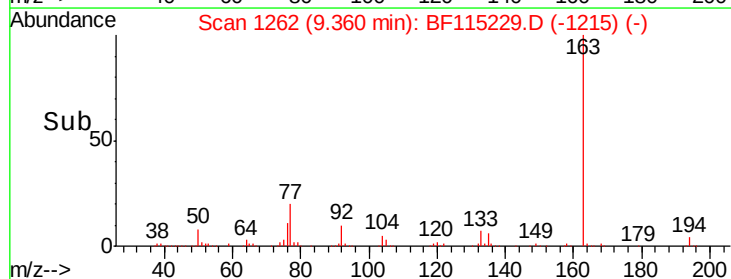
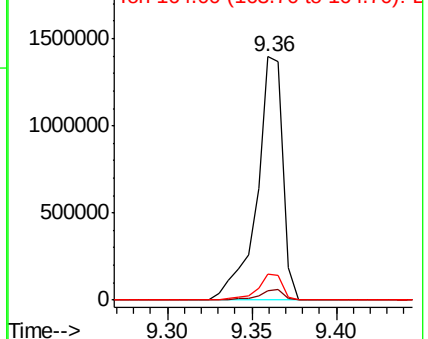
163 100

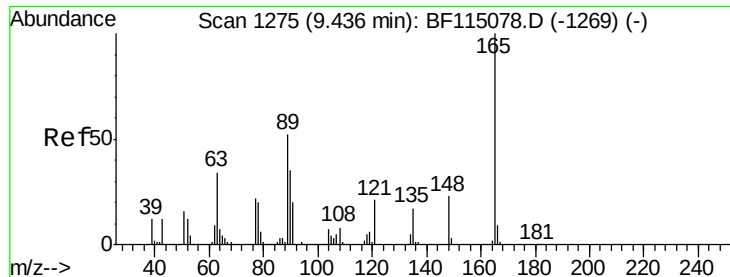
194 3.9 3.2 4.8

164 10.9 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: 41.009 ng

RT: 9.41 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

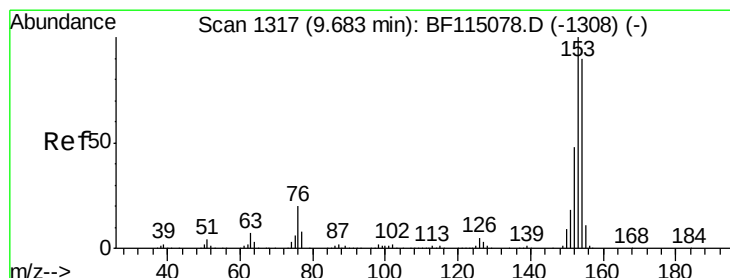
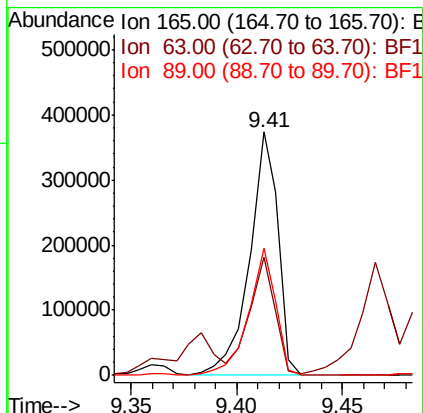
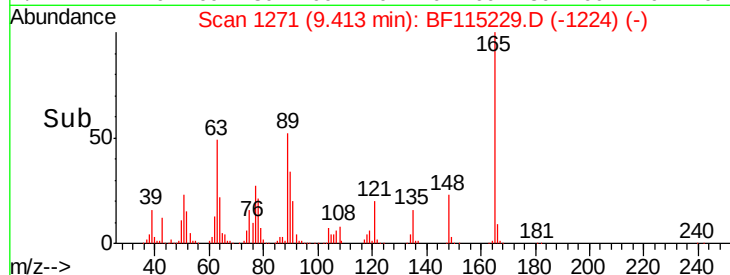
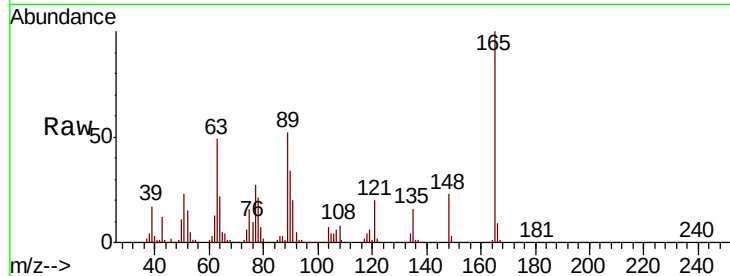
ClientSampleId :

PB120942BSD

Tot Ion:	165	Resp:	350991
Ion Ratio	Lower	Upper	
165	100		
63	48.5	39.4	59.2
89	52.1	42.0	63.0

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#52

Acenaphthene

Concen: 39.495 ng

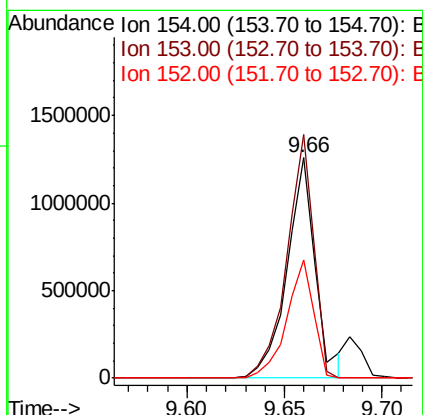
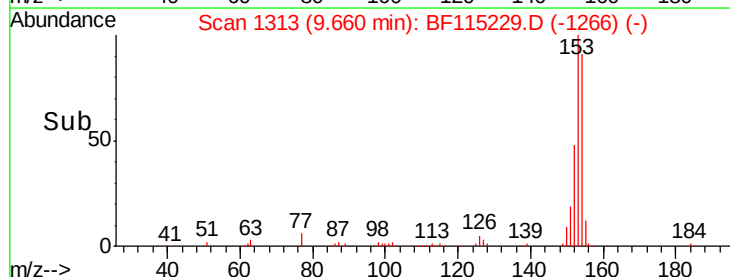
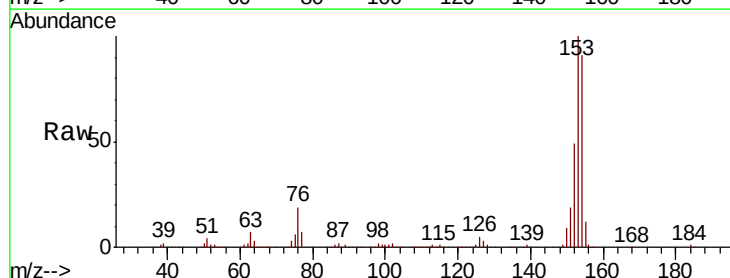
RT: 9.66 min Scan# 1313

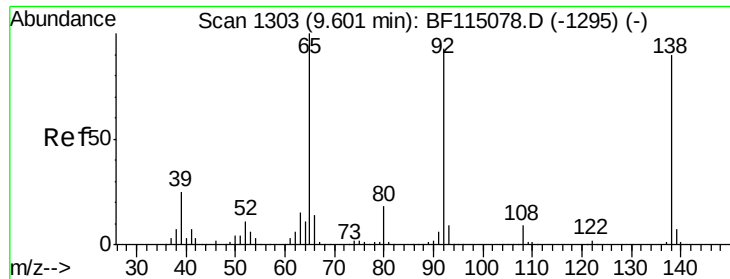
Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Tgt Ion:	154	Resp:	1259292
Ion Ratio	Lower	Upper	
154	100		
153	110.5	88.7	133.1
152	53.7	42.6	64.0





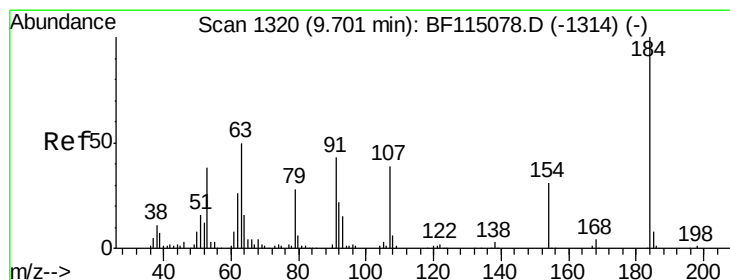
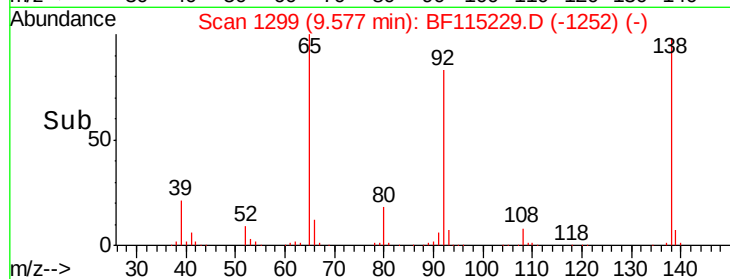
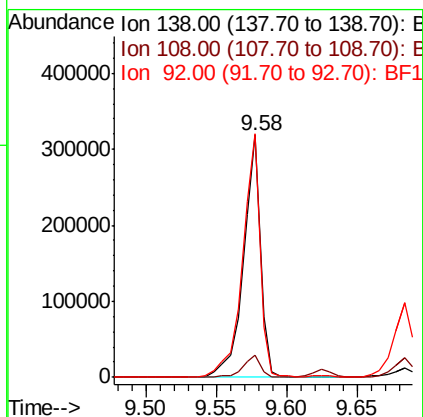
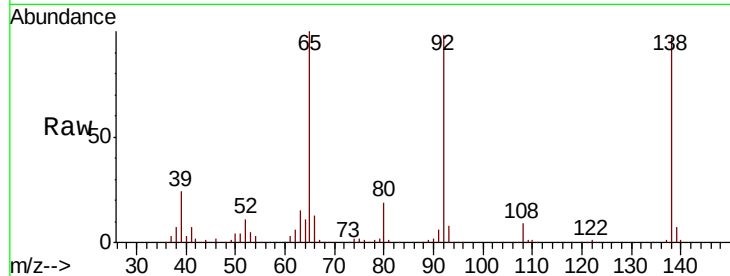
#53
 3-Nitroaniline
 Concen: 25.600 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.8	11.6
92	100.7	82.9	124.3

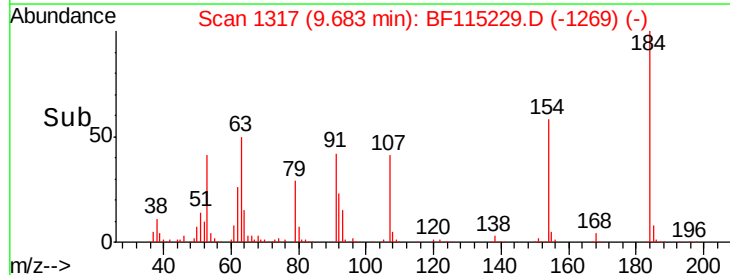
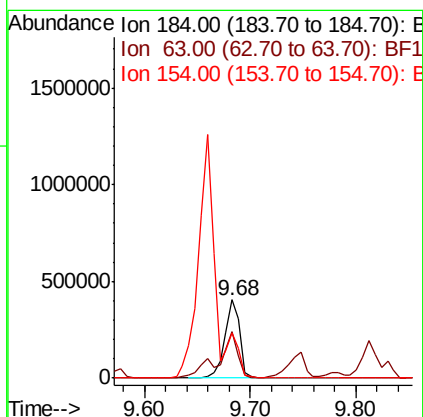
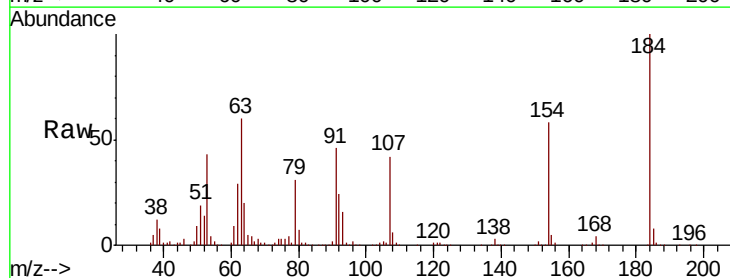
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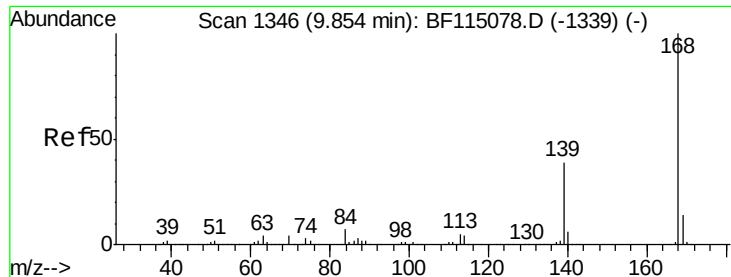
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#54
 2,4-Dinitrophenol
 Concen: 89.869 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	41.9	62.9
154	58.3	44.7	67.1





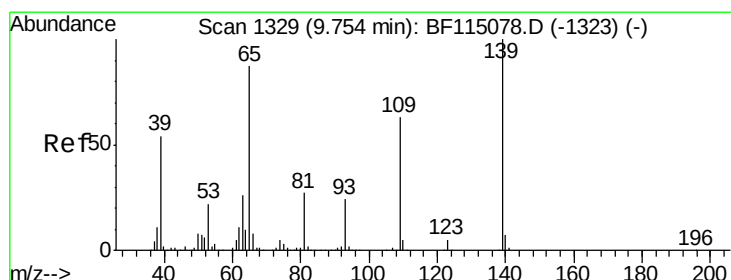
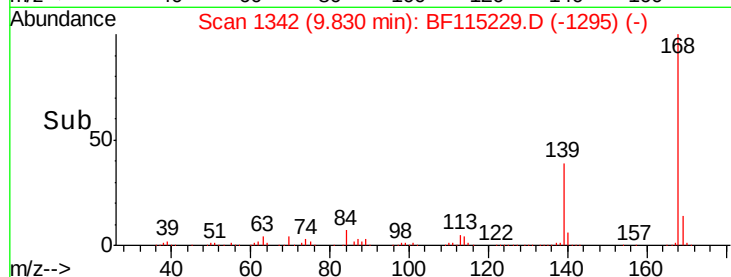
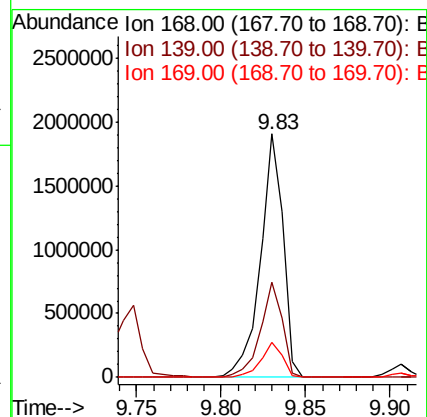
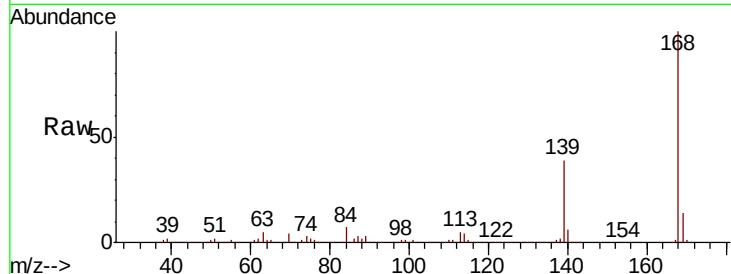
#55
Dibenzenofuran
Concen: 38.904 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion:168 Resp: 1780405
Ion Ratio Lower Upper
168 100
139 39.2 31.1 46.7
169 14.2 11.3 16.9

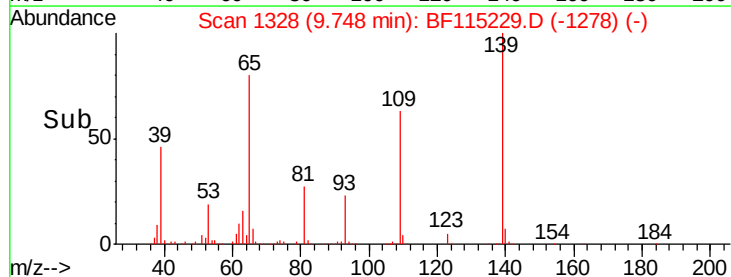
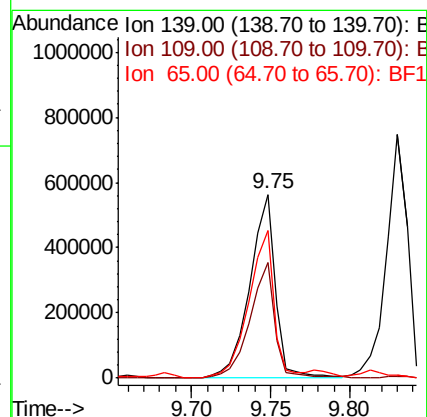
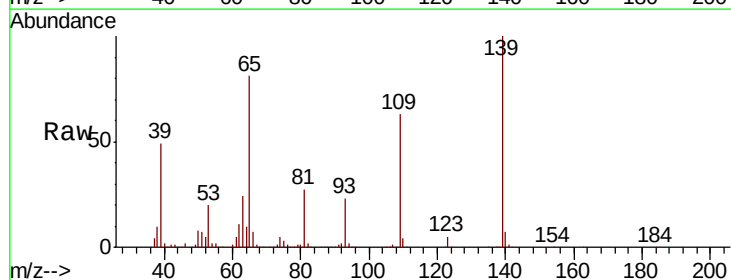
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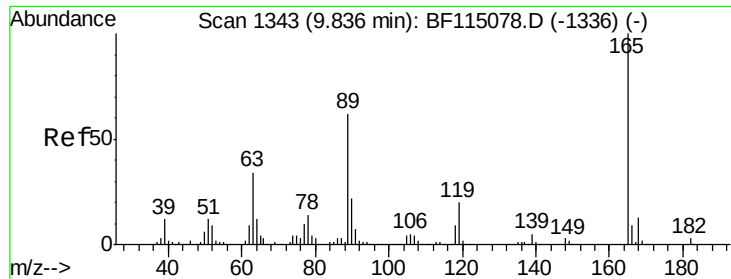
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#56
4-Nitrophenol
Concen: 75.602 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion:139 Resp: 633057
Ion Ratio Lower Upper
139 100
109 62.9 43.0 83.0
65 80.6 67.0 107.0





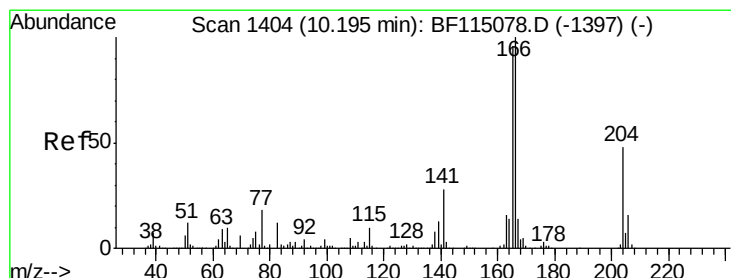
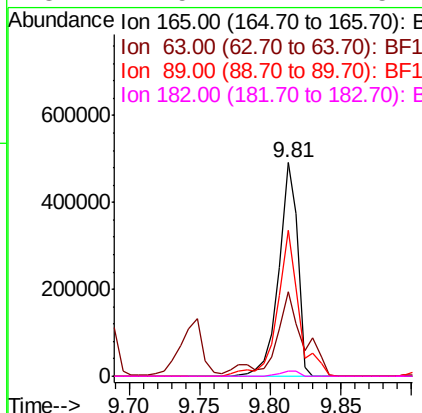
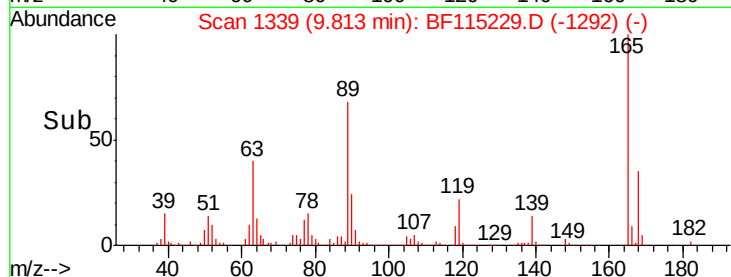
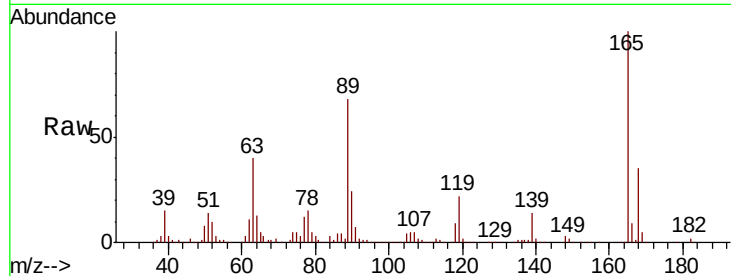
#57
 2,4-Dinitrotoluene
 Concen: 41.394 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		457457		
63	39.6	27.5	41.3		
89	68.3	49.9	74.9		
182	2.5	2.1	3.1		

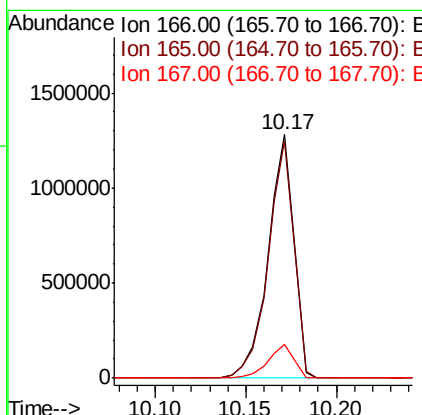
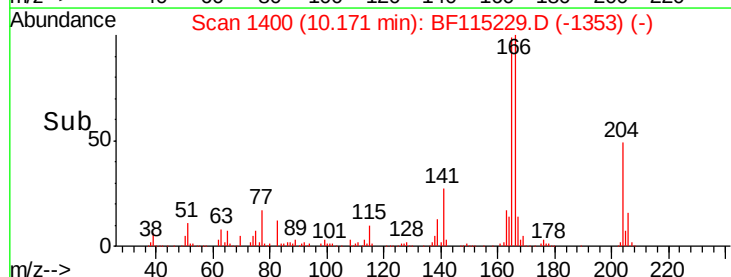
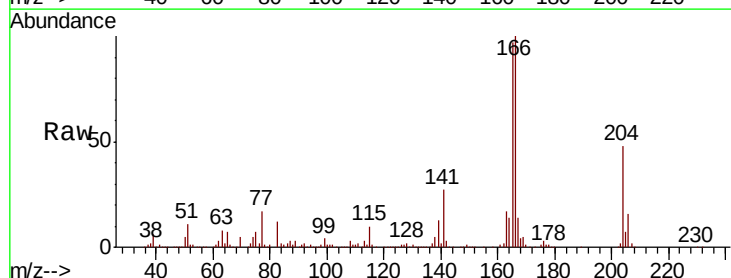
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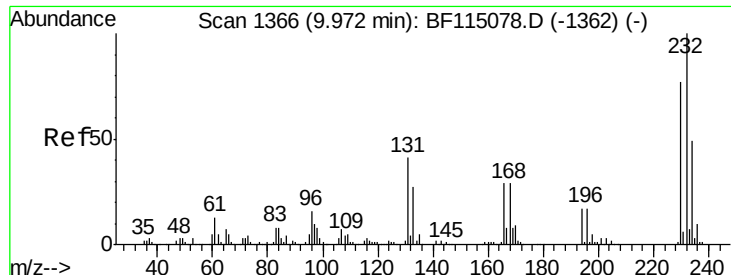
mohammad
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#58
 Fluorene
 Concen: 40.667 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1258411		
165	97.3	76.5	114.7		
167	13.9	11.0	16.4		





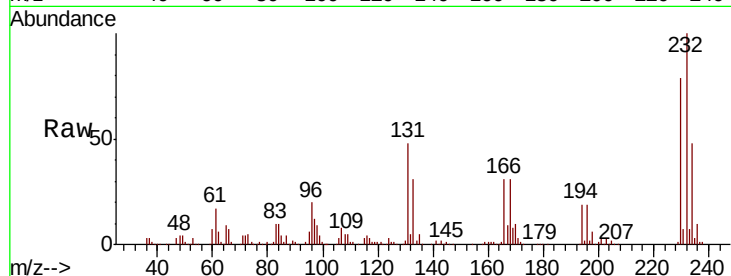
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.815 ng
RT: 9.95 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	44.8	37.4	56.0
130	2.2	1.8	2.6
166	29.6	24.6	36.8

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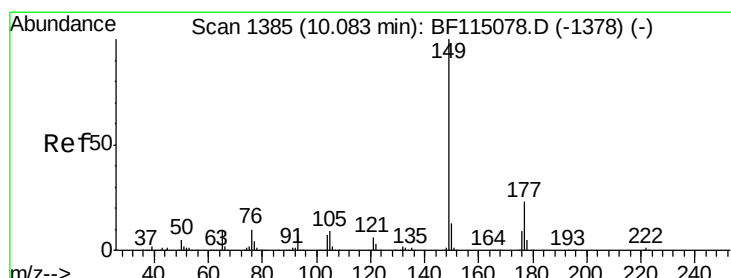
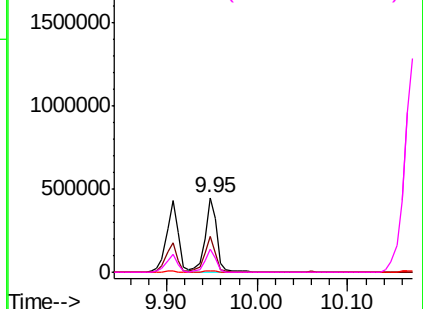
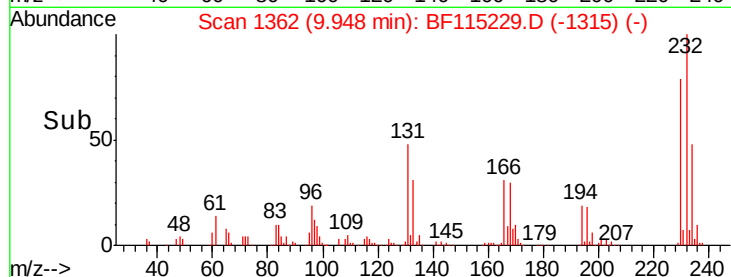
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

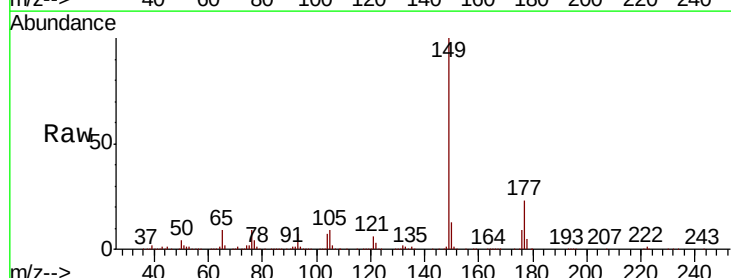
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.892 ng
RT: 10.06 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.5	18.7	28.1
150	13.1	10.4	15.6

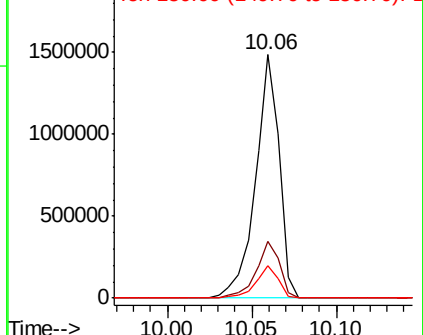
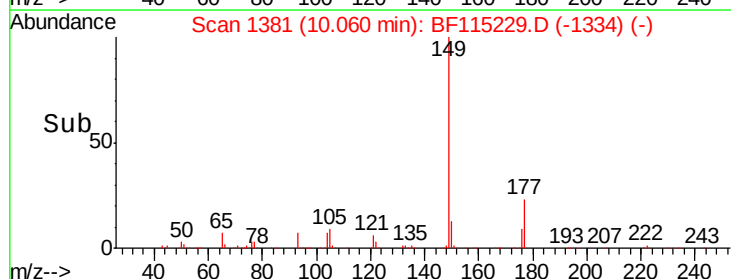


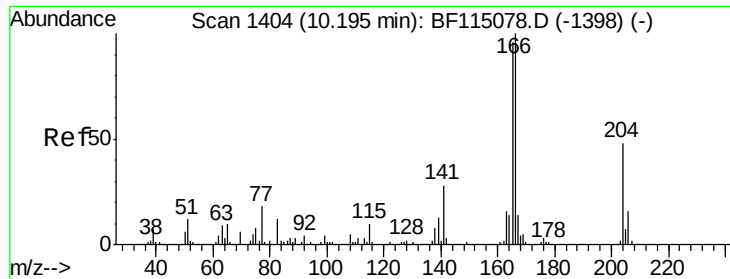
Abundance

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





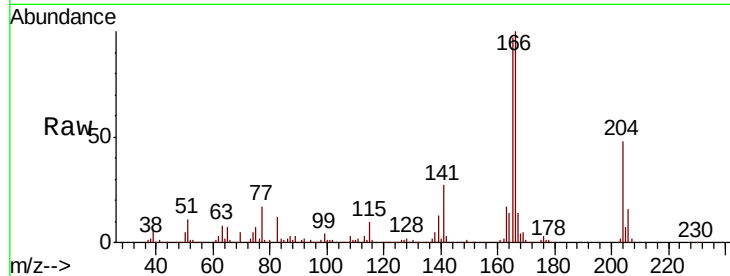
#61
4-Chlorophenyl-phenylether
Concen: 42.093 ng
RT: 10.17 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	40.0
141	55.6	46.7	70.1

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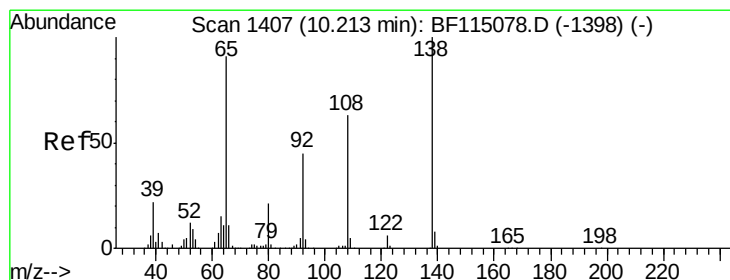
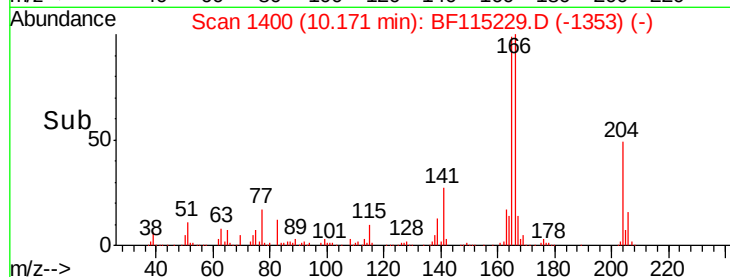
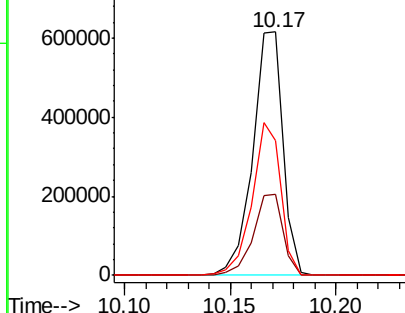


Abundance

Ion 204.00 (203.70 to 204.70): E

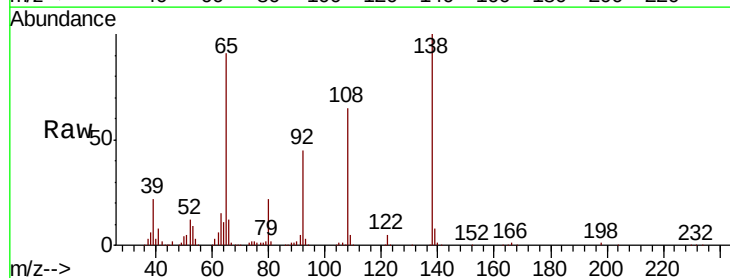
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.798 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.3	24.8	64.8
108	64.8	43.3	83.3

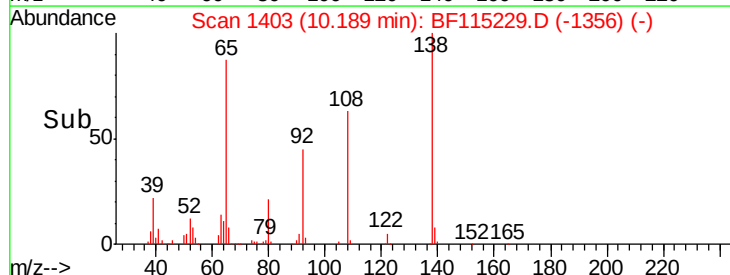
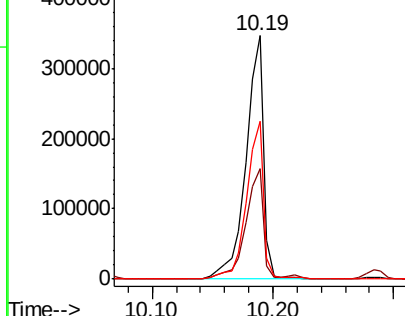


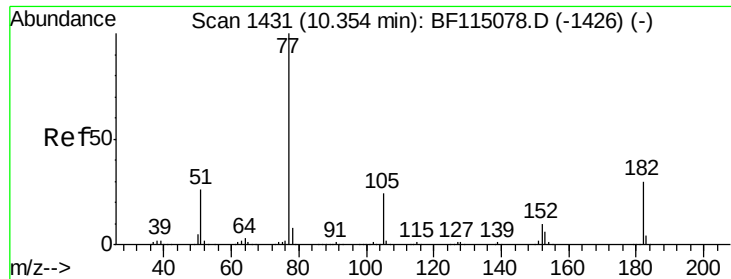
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





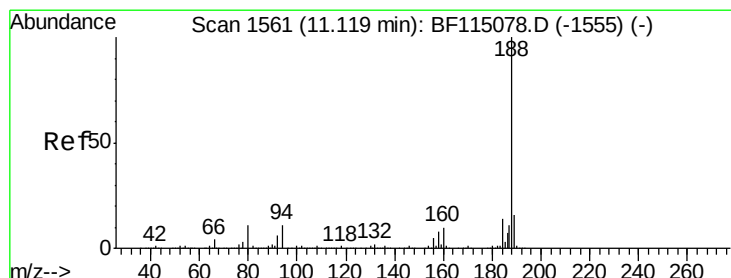
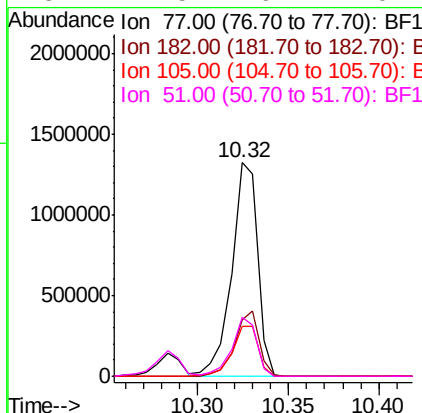
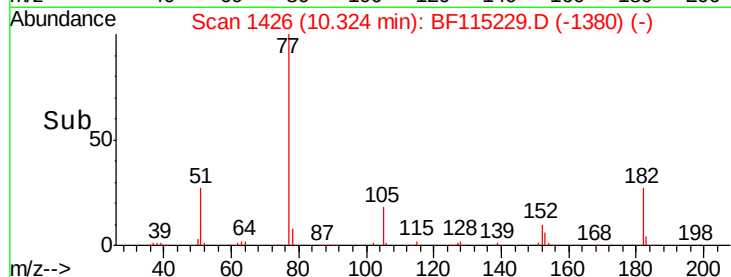
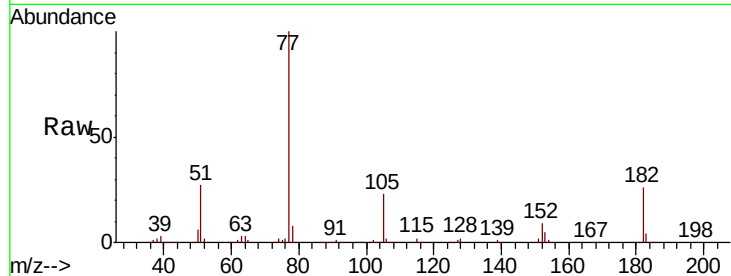
#63
Azobenzene
Concen: 37.898 ng
RT: 10.32 min Scan# 1426
Delta R.T. -0.03 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.5	10.1	50.1
105	23.2	4.5	44.5
51	27.5	6.4	46.4

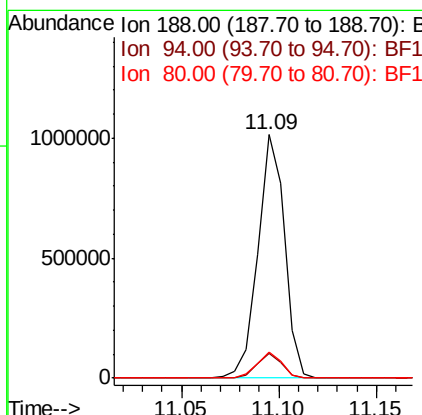
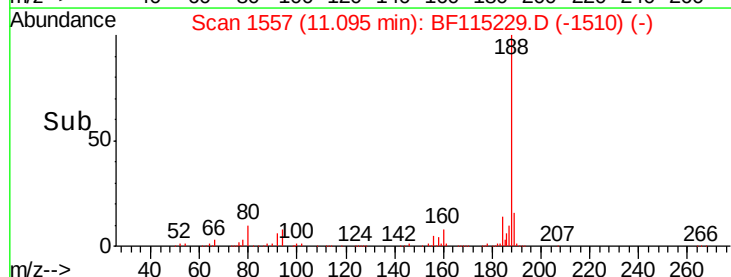
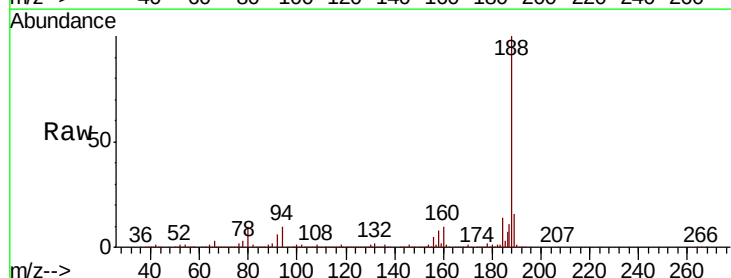
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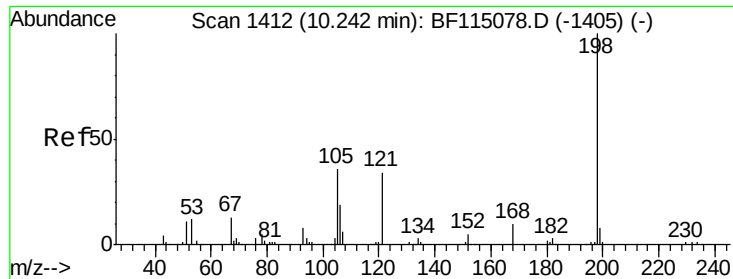
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.6	12.8
80	10.5	8.8	13.2





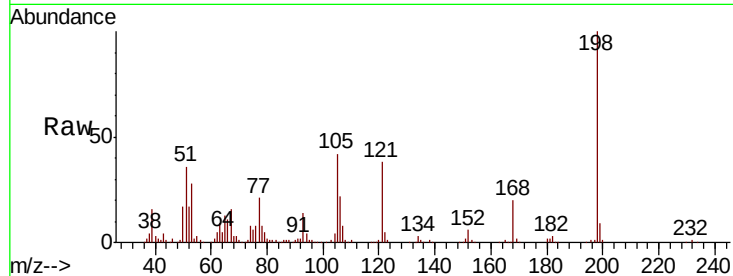
#65
4,6-Dinitro-2-methylphenol
Concen: 46.213 ng
RT: 10.22 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.5	11.0	51.0
105	41.7	17.3	57.3

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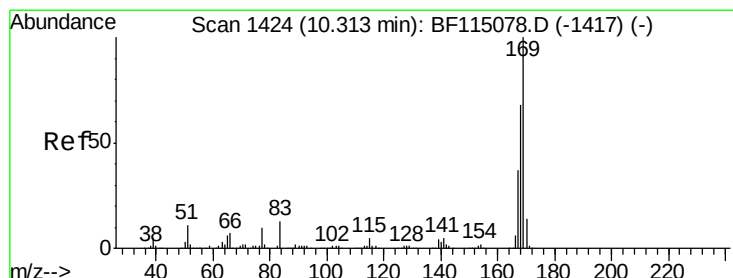
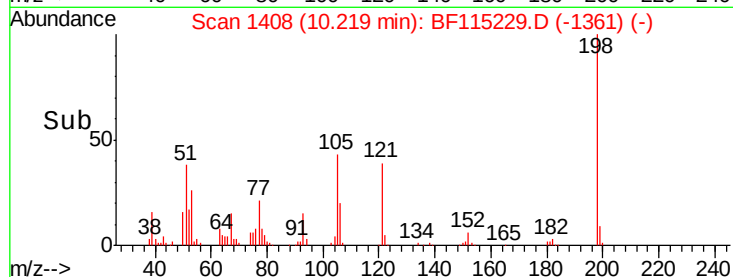
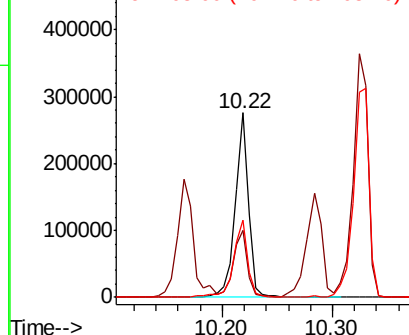


Abundance

Ion 198.00 (197.70 to 198.70): E

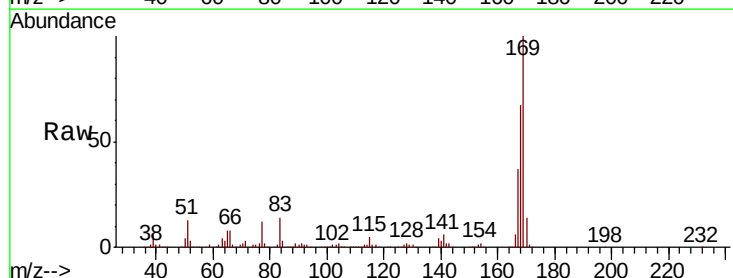
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 40.407 ng
RT: 10.28 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.2	81.4
167	37.2	29.4	44.0

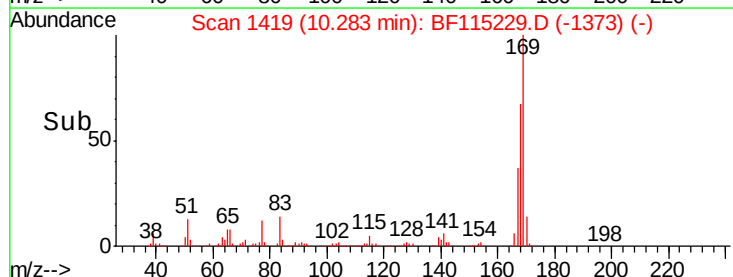
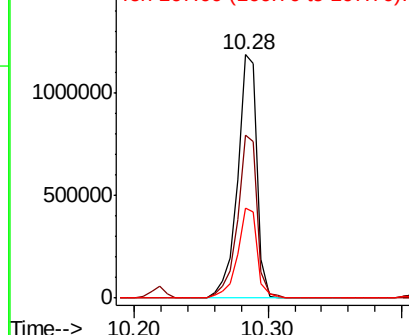


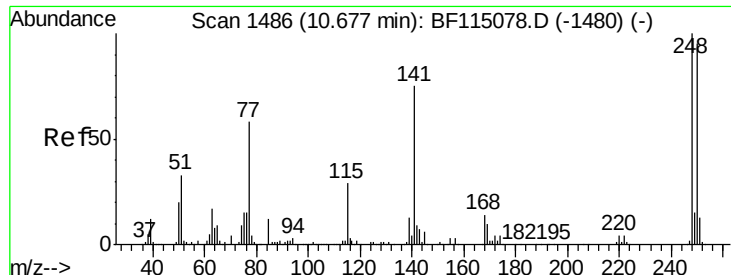
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





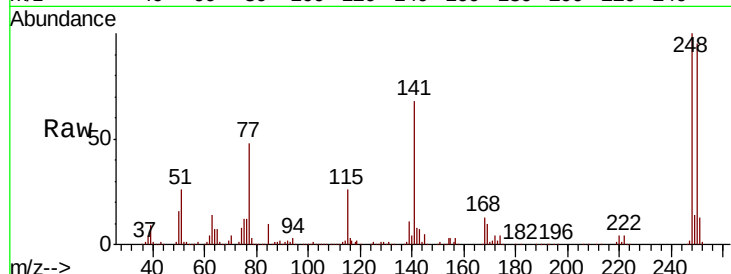
#67
 4-Bromophenyl-phenylether
 Concen: 40.818 ng
 RT: 10.65 min Scan# 1482
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB120942BSD

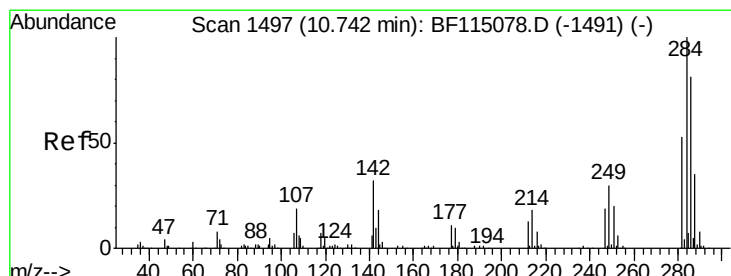
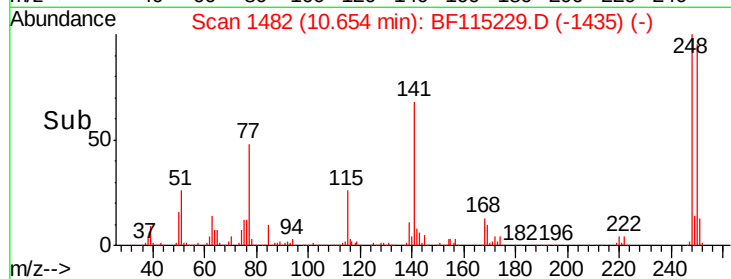
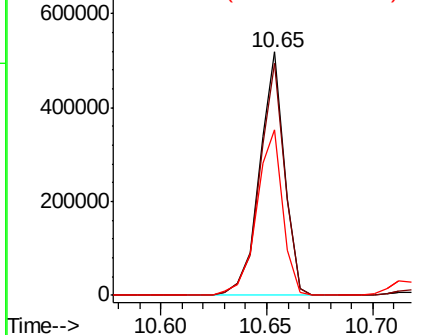
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	76.2	114.2
141	68.0	59.6	89.4

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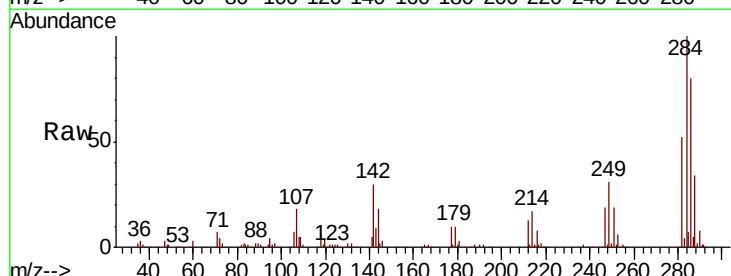


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

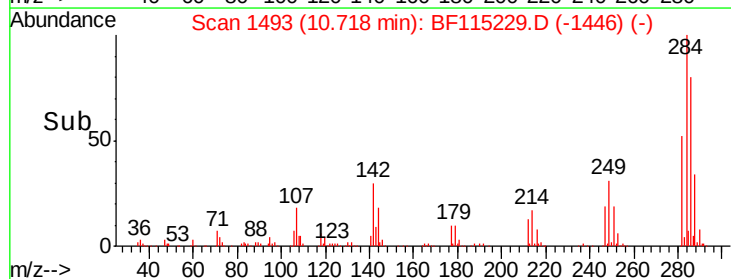
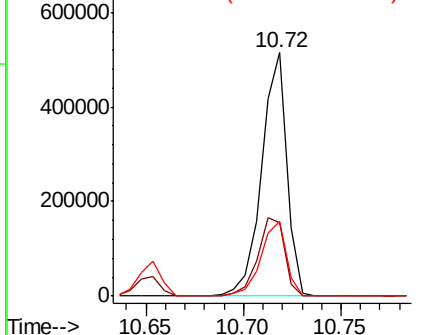


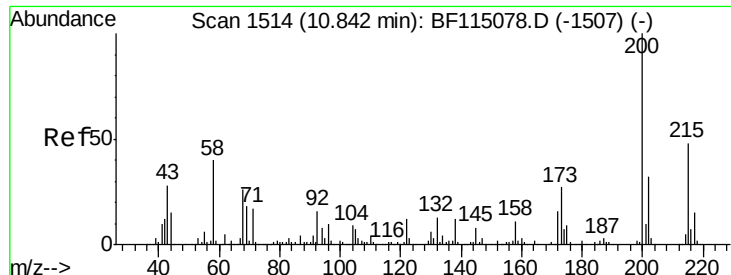
#68
 Hexachlorobenzene
 Concen: 40.763 ng
 RT: 10.72 min Scan# 1493
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	25.8	38.8
249	30.7	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





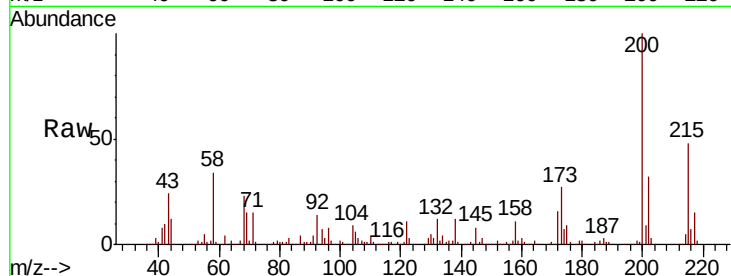
#69
Atrazine
Concen: 33.734 ng
RT: 10.82 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	324498		
173	27.2		7.4	47.4
215	47.9		27.8	67.8

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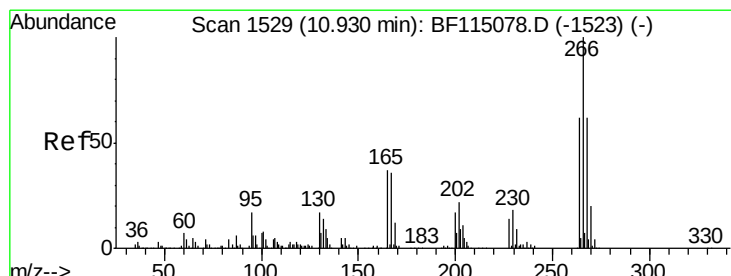
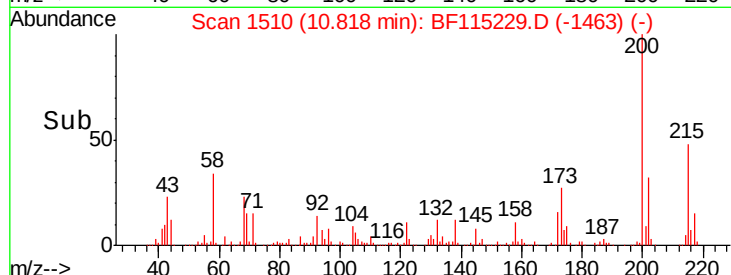
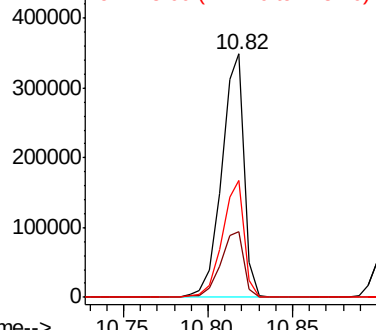


Abundance

Ion 200.00 (199.70 to 200.70): E

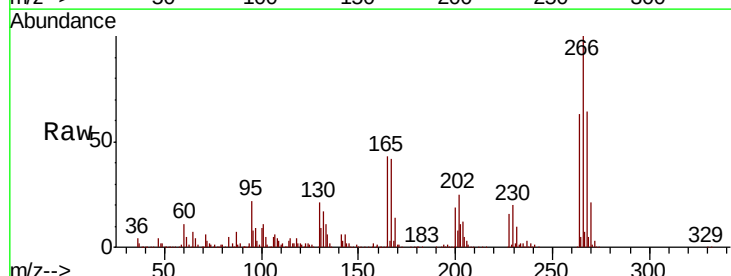
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 79.483 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	571977		
268	63.6		49.5	74.3
264	63.1		49.3	73.9

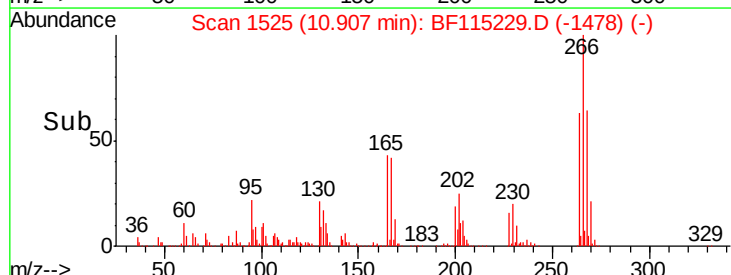
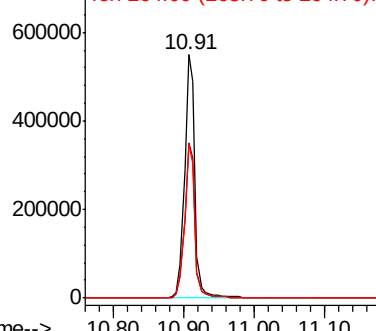


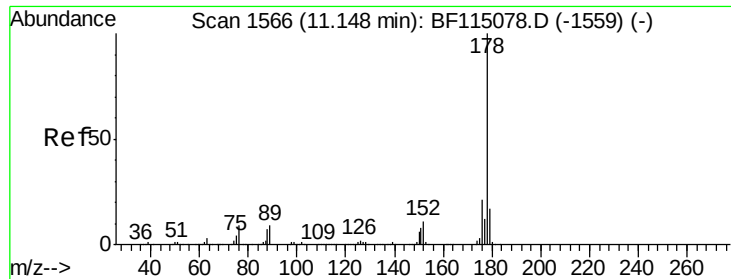
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





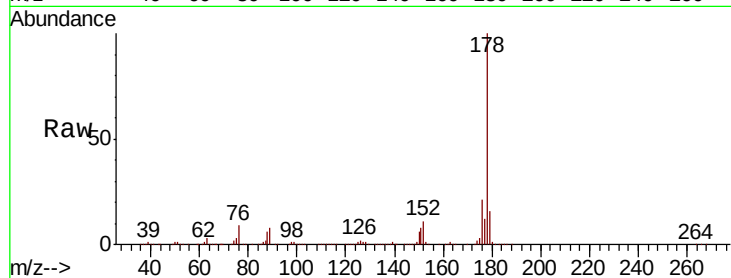
#71
Phenanthrene
Concen: 38.328 ng
RT: 11.12 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.9	25.3
179	16.2	13.2	19.8

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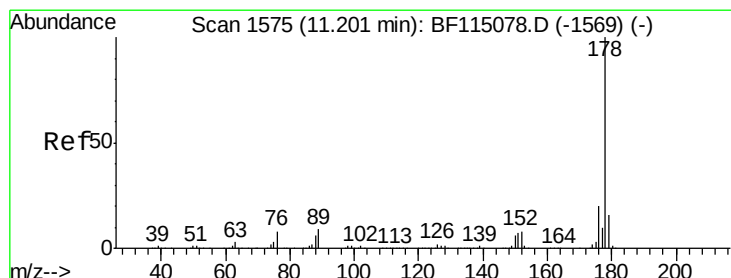
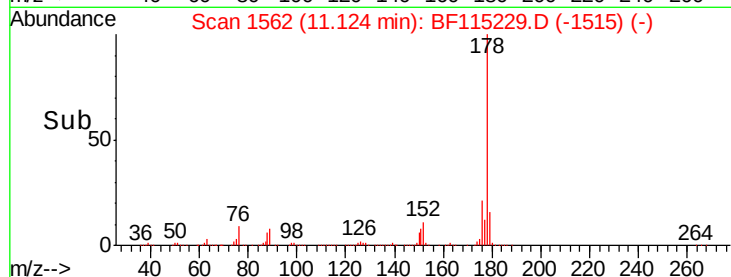
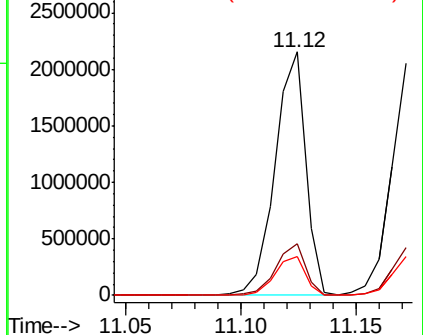


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 38.855 ng
RT: 11.17 min Scan# 1570
Delta R.T. -0.03 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

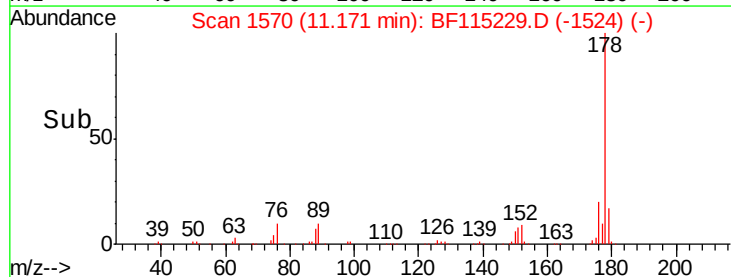
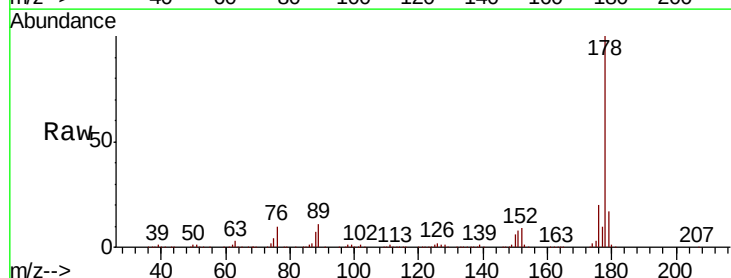
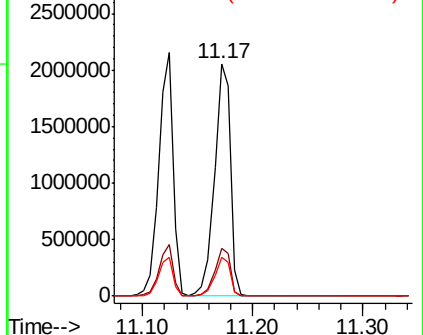
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.1	24.1
179	16.8	12.9	19.3

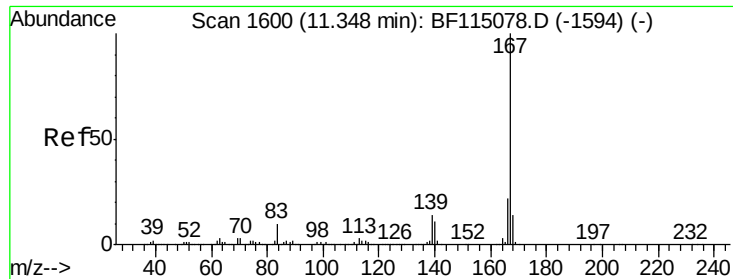
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





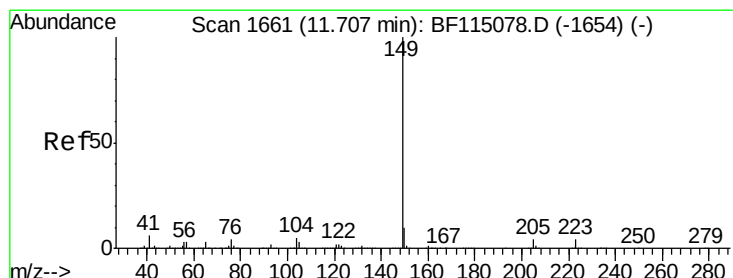
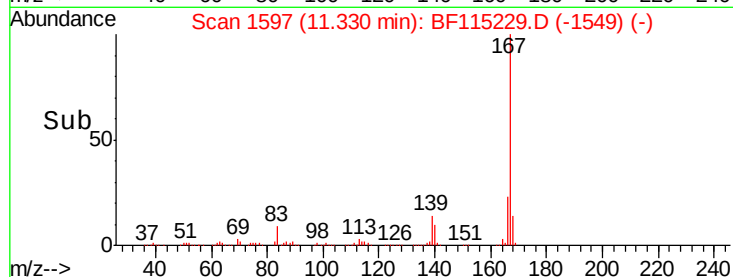
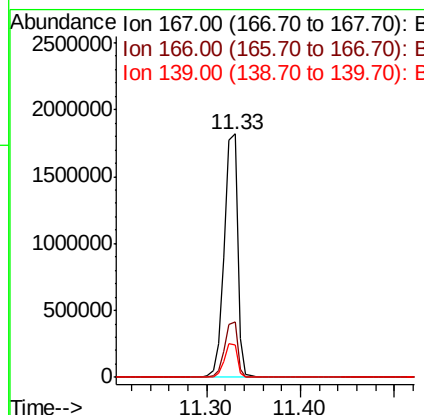
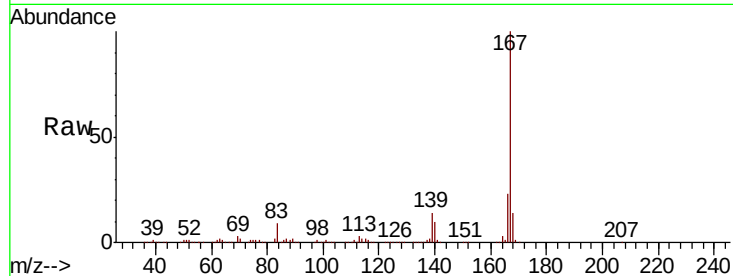
#73
 Carbazole
 Concen: 38.997 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampleID :
 PB120942BSD

Tot Ion:167 Resp: 1816594
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.0 27.0
 139 13.5 11.1 16.7

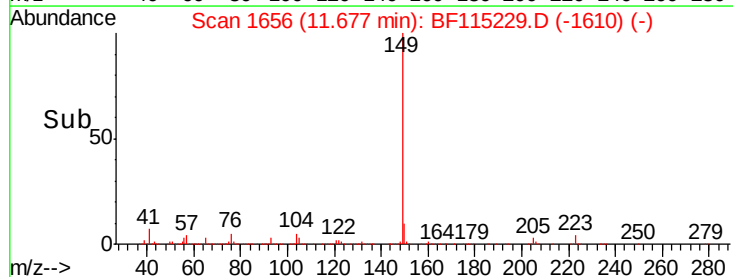
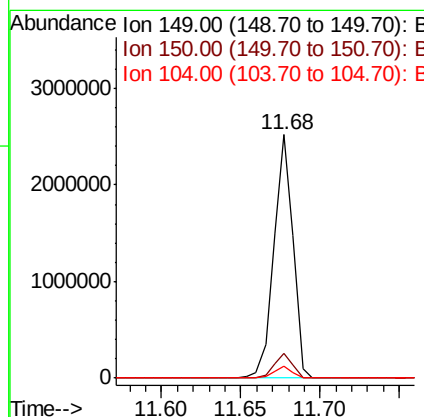
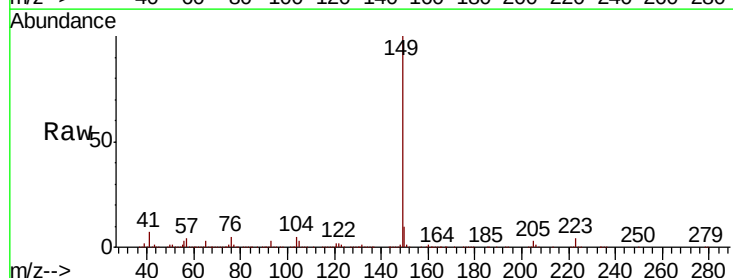
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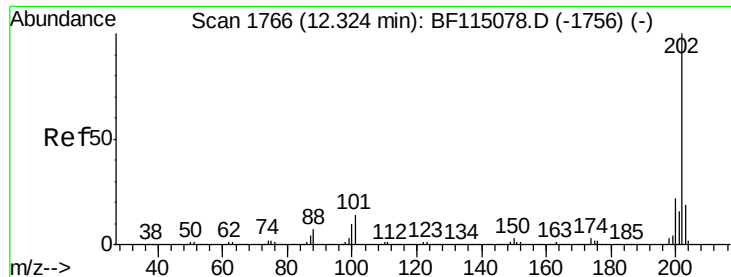
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#74
 Di-n-butylphthalate
 Concen: 39.441 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.03 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion:149 Resp: 2123069
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.8 11.8
 104 4.9 3.7 5.5





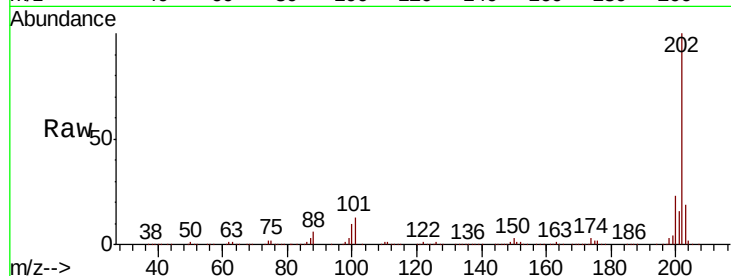
#75
Fluoranthene
Concen: 39.129 ng
RT: 12.30 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2017575		
101	13.0	0.0	34.0	
203	18.9	0.0	38.8	

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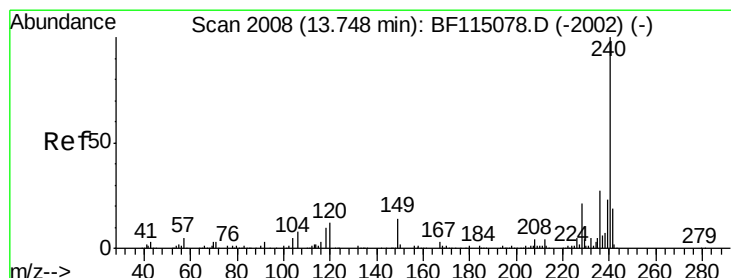
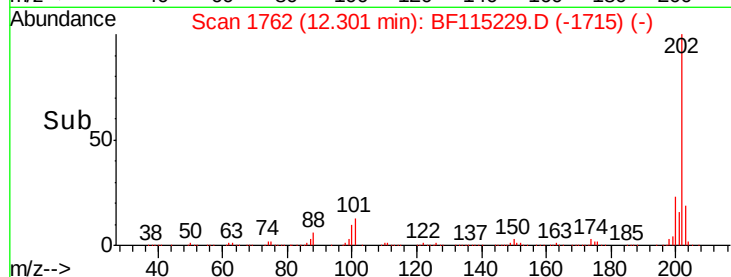
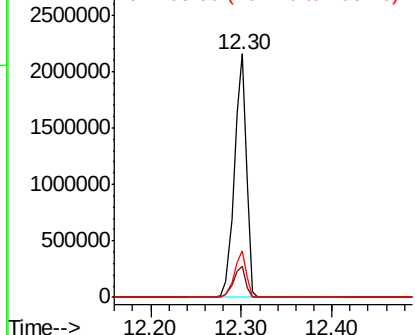


Abundance

Ion 202.00 (201.70 to 202.70): E

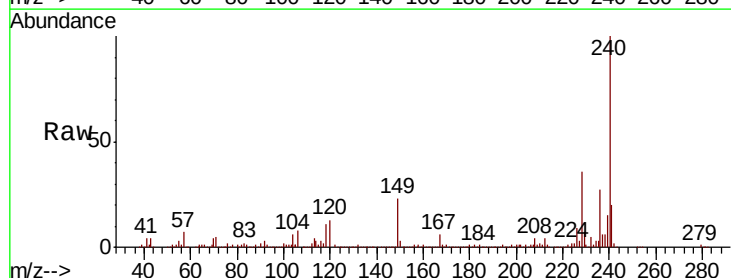
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	750875		
120	12.6	9.4	14.2	
236	26.9	21.7	32.5	

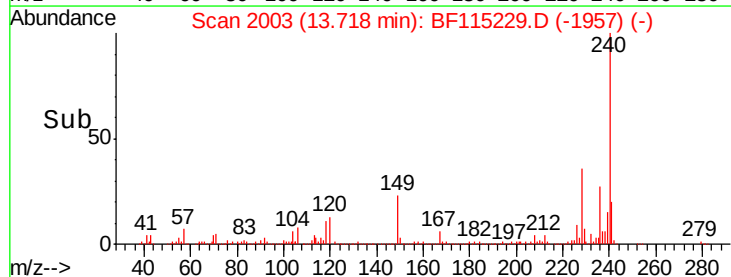
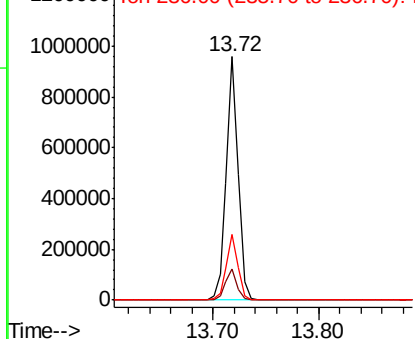


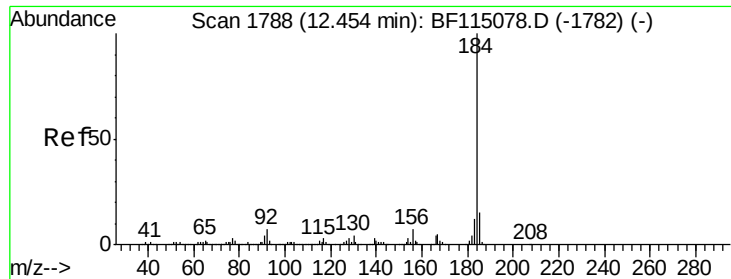
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.268 ng

RT: 12.42 min Scan# 1783

Delta R.T. -0.03 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

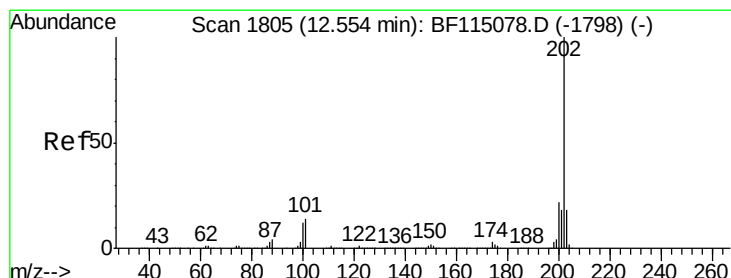
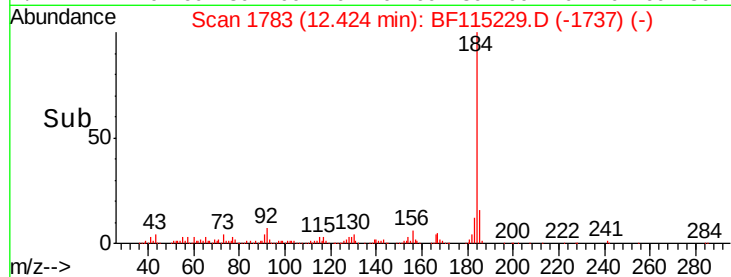
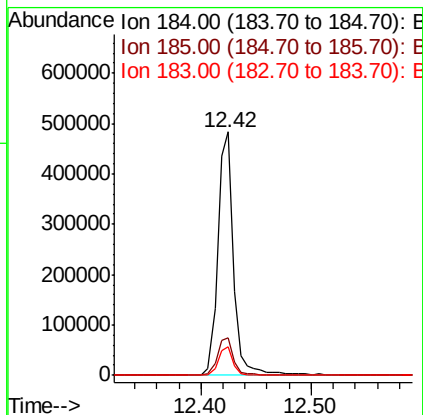
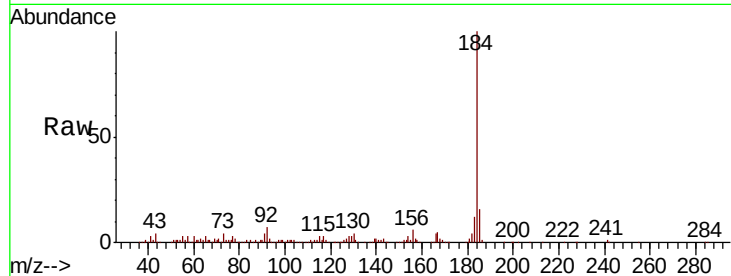
ClientSampleId :

PB120942BSD

Tot Ion:	184	Resp:	475713
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.2	18.2
183	11.6	9.6	14.4

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#78

Pyrene

Concen: 35.551 ng

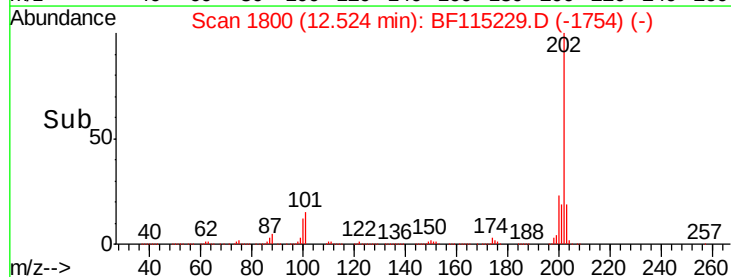
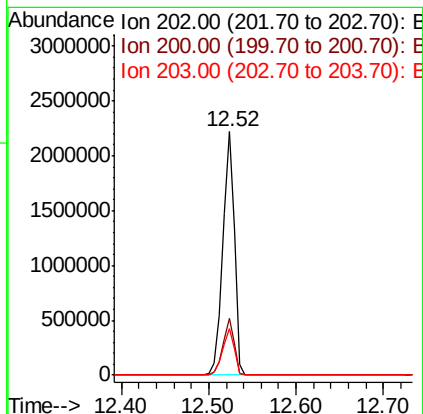
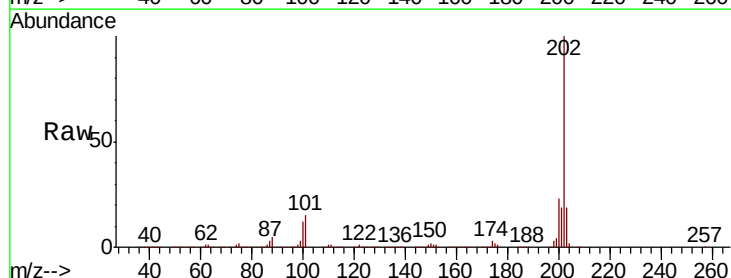
RT: 12.52 min Scan# 1800

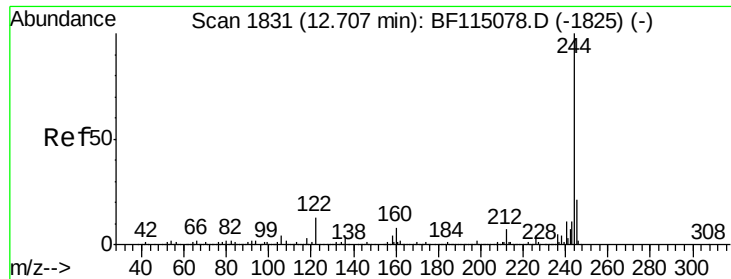
Delta R.T. -0.03 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Tgt Ion:	202	Resp:	2051462
Ion Ratio	Lower	Upper	
202	100		
200	23.2	17.9	26.9
203	19.0	14.6	21.8





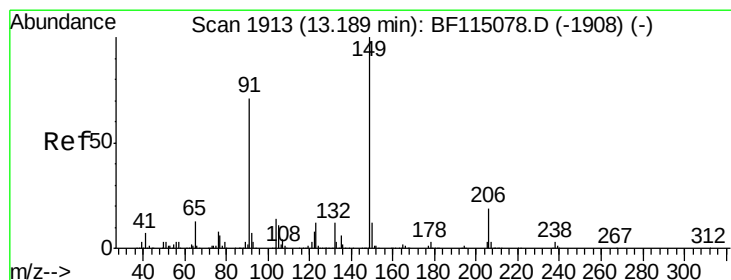
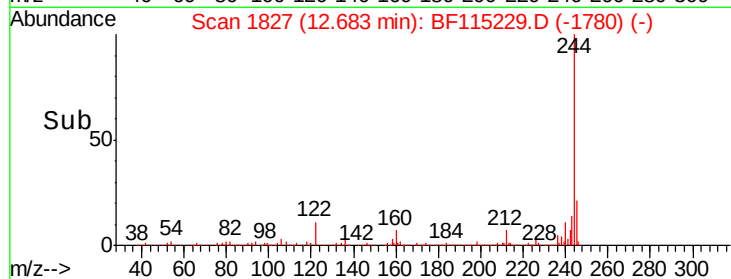
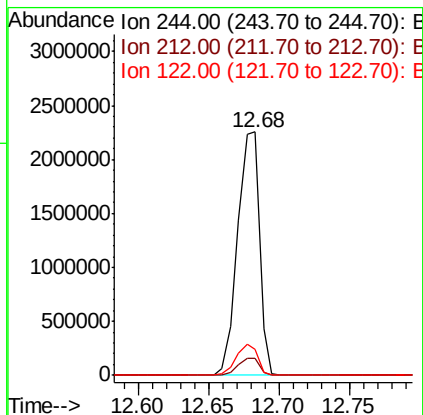
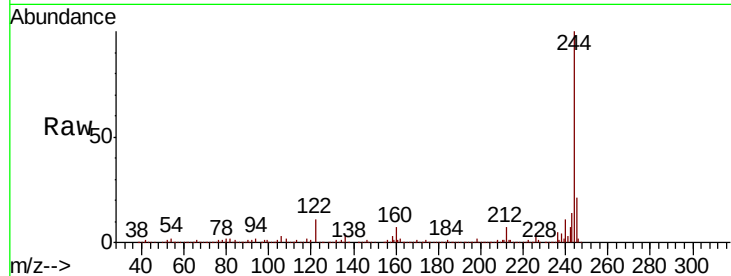
#79
Terphenyl-d14
Concen: 69.237 ng
RT: 12.68 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	10.9	10.4	15.6

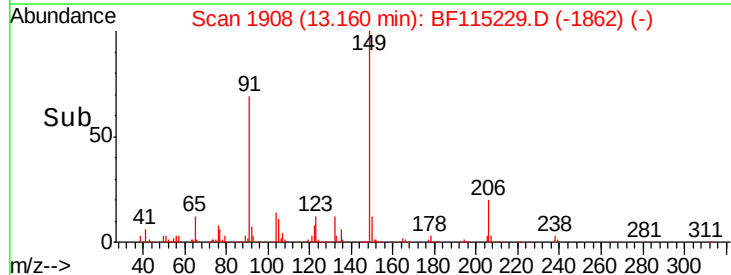
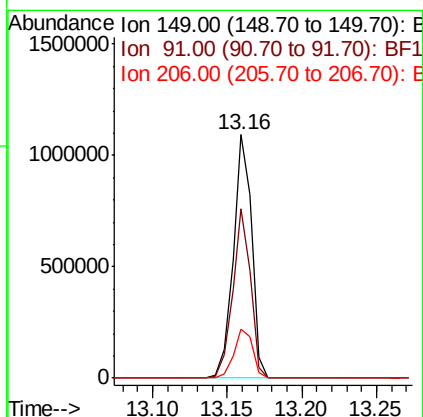
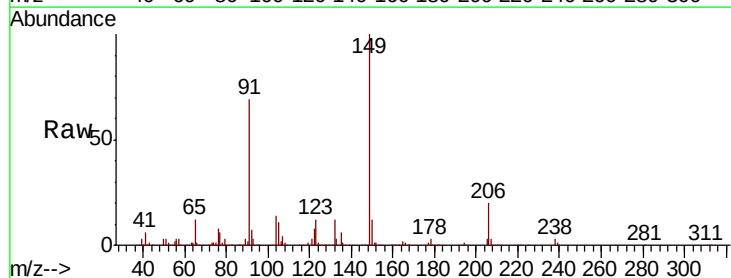
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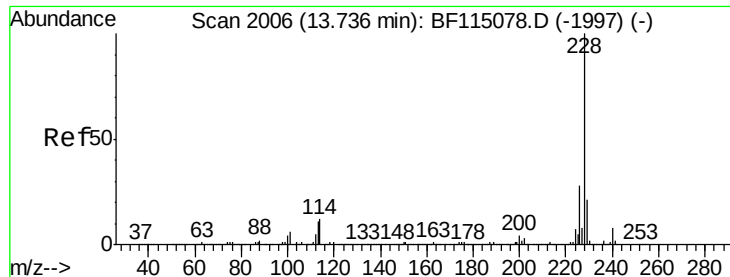
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#80
Butylbenzylphthalate
Concen: 37.272 ng
RT: 13.16 min Scan# 1908
Delta R.T. -0.03 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.3	56.5	84.7
206	20.3	15.3	22.9





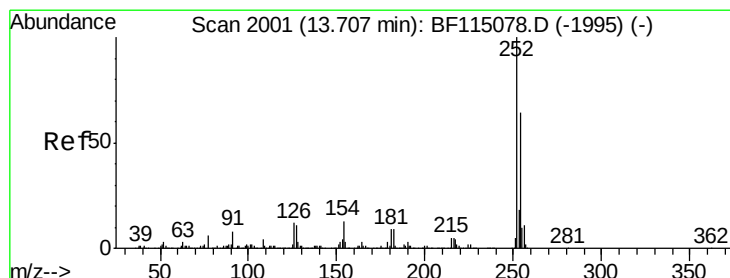
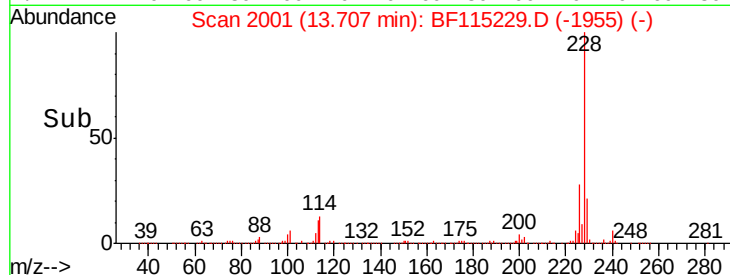
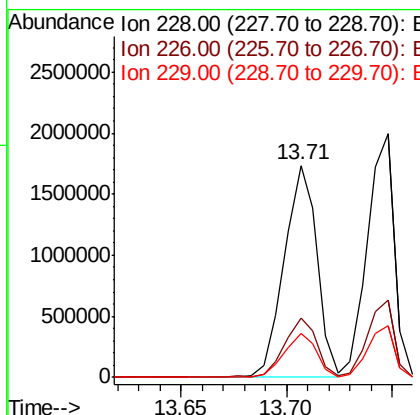
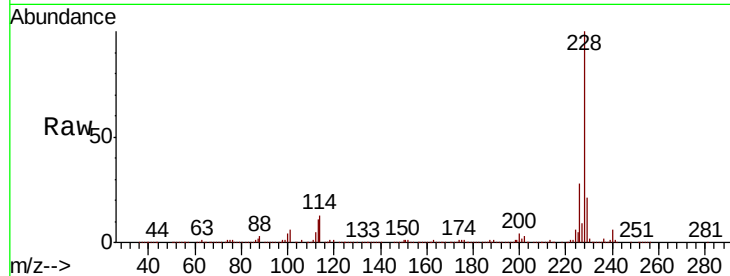
#81
Benzo(a)anthracene
Concen: 34.789 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampled :
PB120942BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.7	16.6	24.8

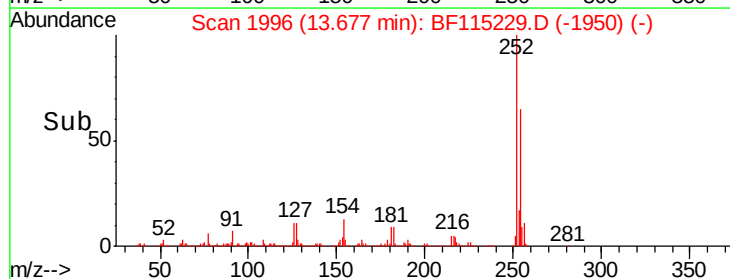
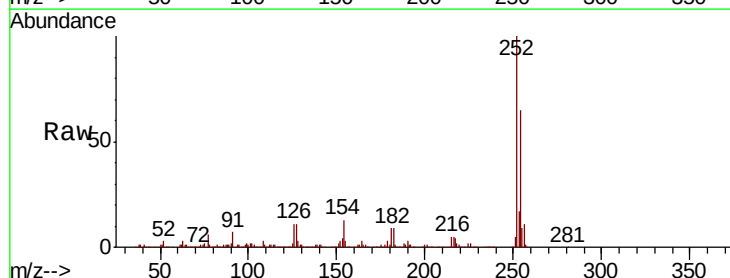
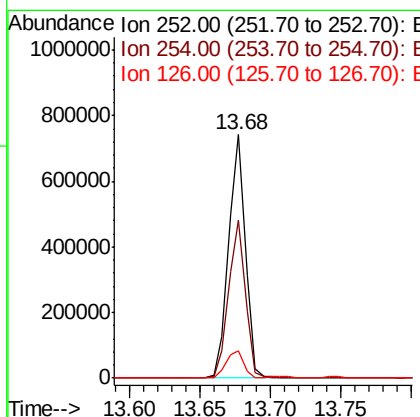
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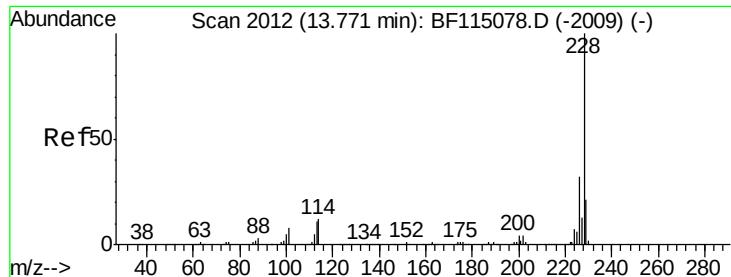
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#82
3,3'-Dichlorobenzidine
Concen: 31.672 ng
RT: 13.68 min Scan# 1996
Delta R.T. -0.03 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.1	76.7
126	11.5	9.4	14.0





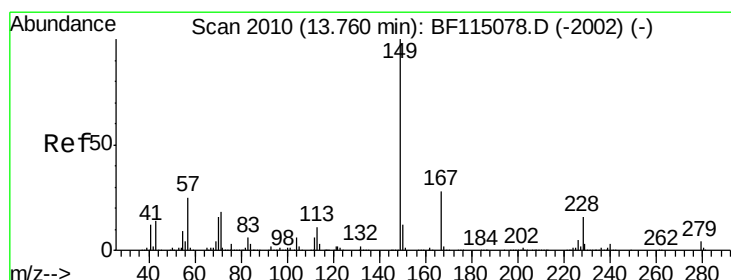
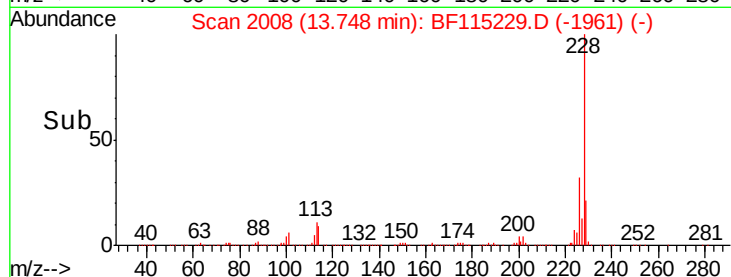
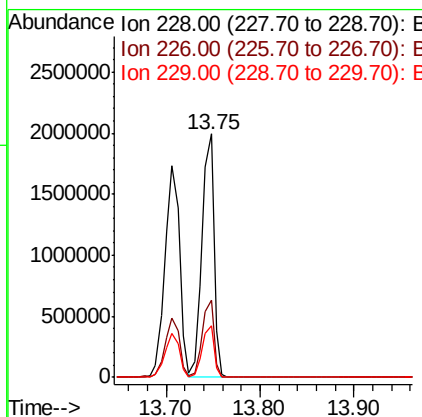
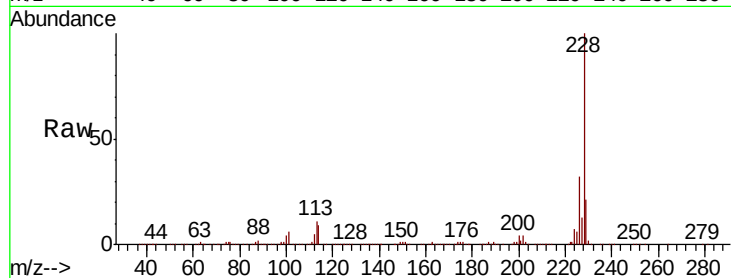
#83
 Chrysene
 Concen: 35.986 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Instrument :
 BNA_F
 ClientSampleID :
 PB120942BSD

Tot Ion:228 Resp: 1776030
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.4 38.0
 229 21.1 16.5 24.7

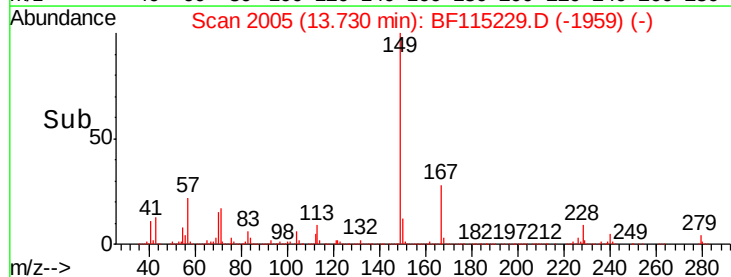
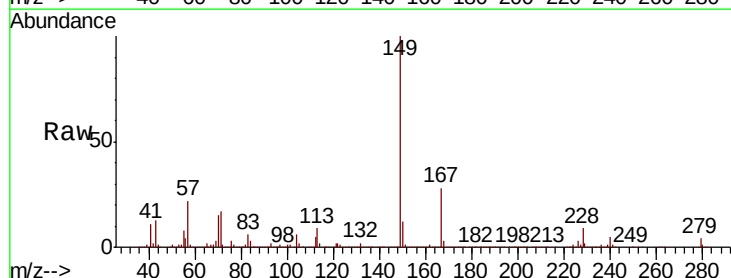
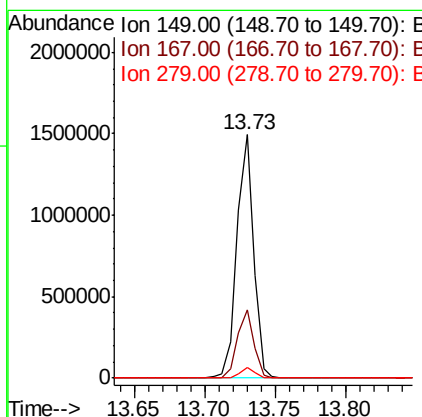
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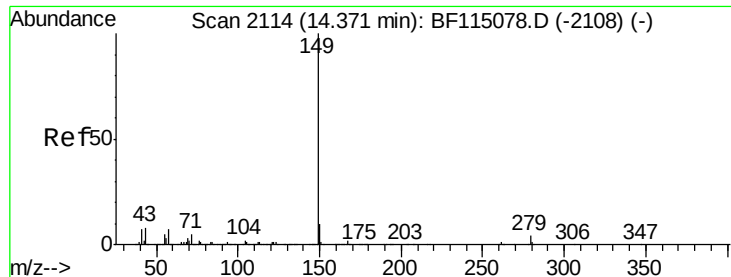
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.970 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. -0.03 min
 Lab File: BF115229.D
 Acq: 27 Jun 2019 12:01

Tgt Ion:149 Resp: 1233641
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.2 33.4
 279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 37.905 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

Instrument :

BNA_F

ClientSampleId :

PB120942BSD

Tot Ion:149 Resp: 2125122

Ion Ratio Lower Upper

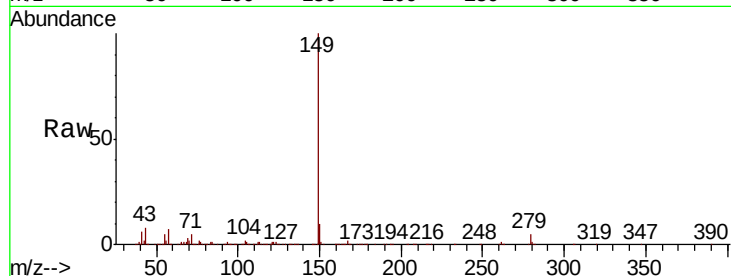
149 100

167 1.7 1.2 1.8

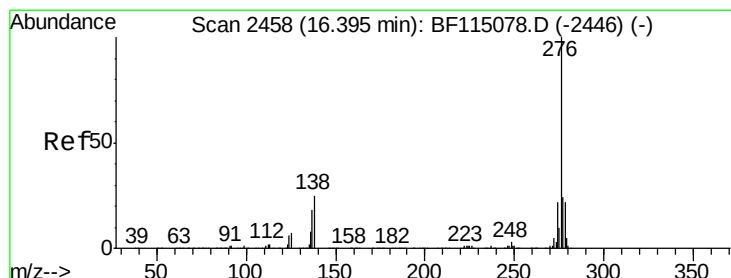
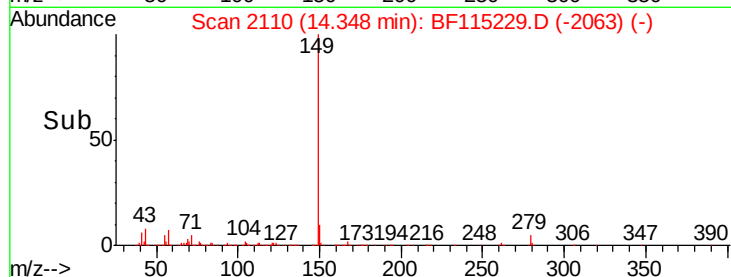
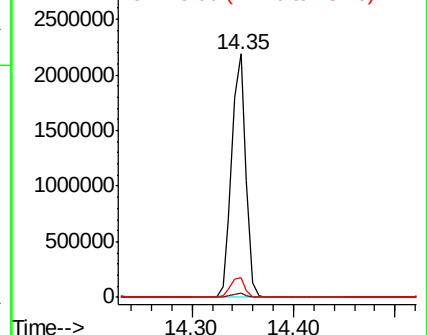
43 8.4 7.0 10.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.475 ng

RT: 16.37 min Scan# 2453

Delta R.T. -0.03 min

Lab File: BF115229.D

Acq: 27 Jun 2019 12:01

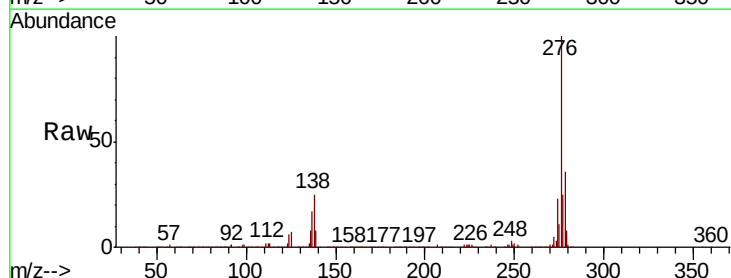
Tgt Ion:276 Resp: 2246913

Ion Ratio Lower Upper

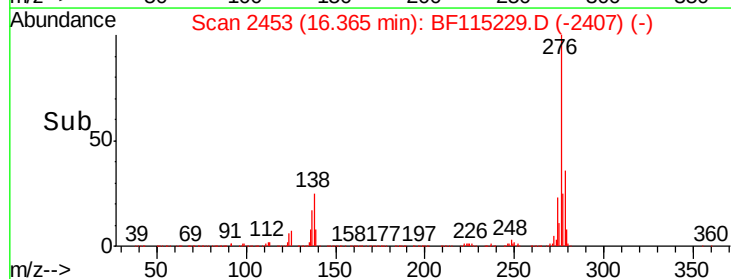
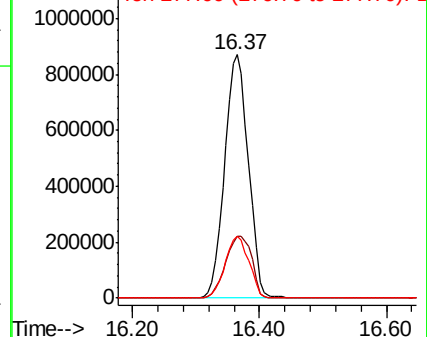
276 100

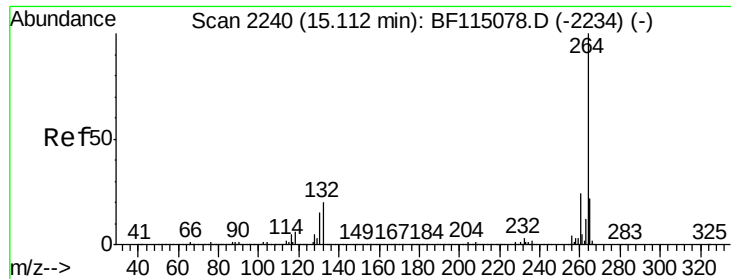
138 28.1 23.2 34.8

277 25.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





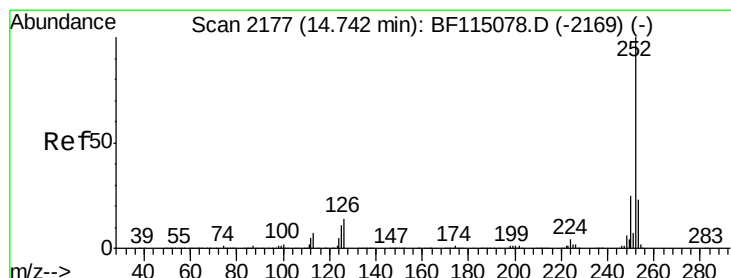
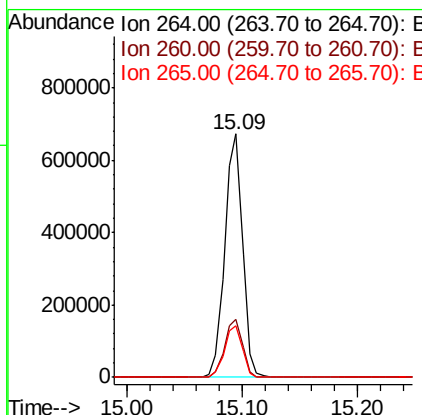
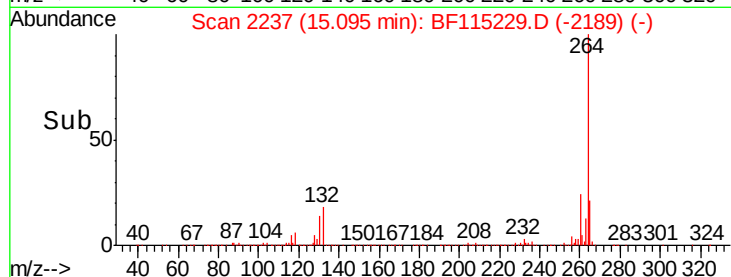
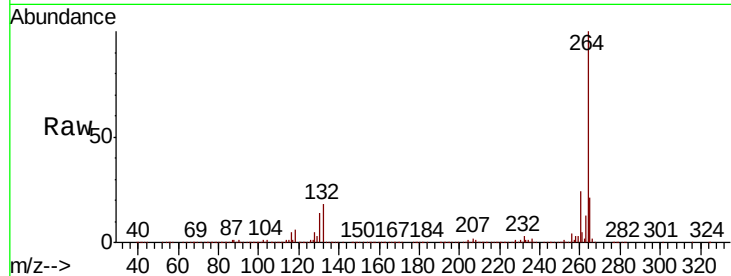
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.3	17.3	25.9

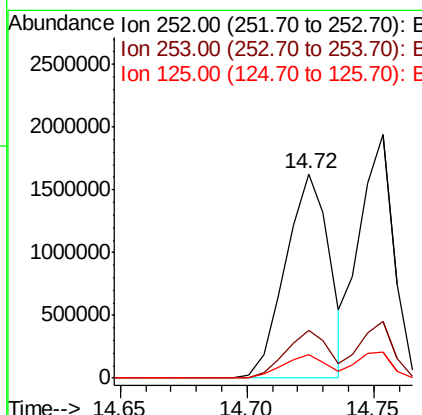
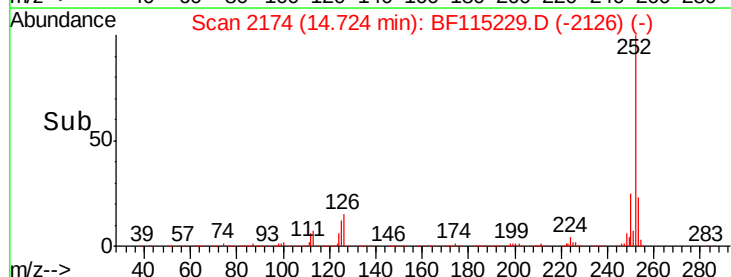
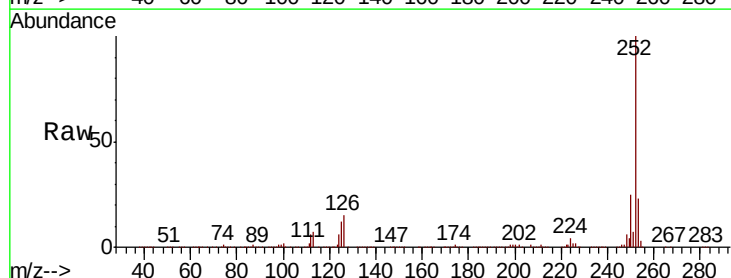
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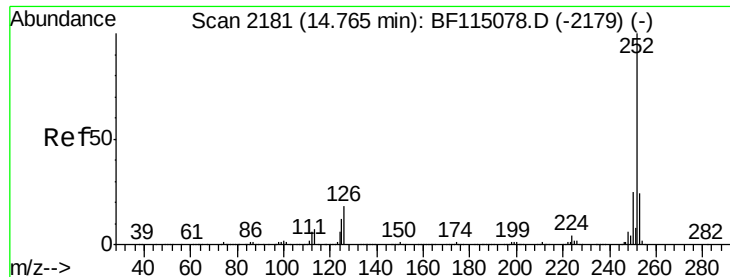
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#88
Benzo(b)fluoranthene
Concen: 43.980 ng
RT: 14.72 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.6	8.7	13.1





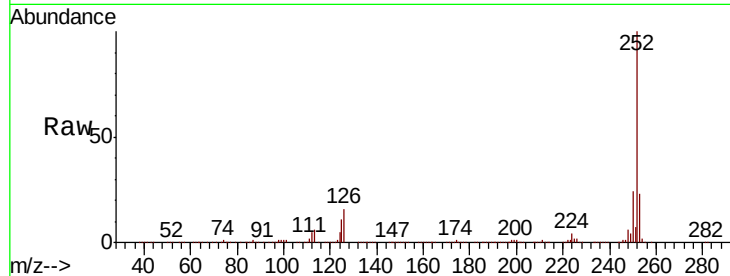
#89
Benzo(k)fluoranthene
Concen: 45.525 ng
RT: 14.75 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	10.7	10.2	15.2

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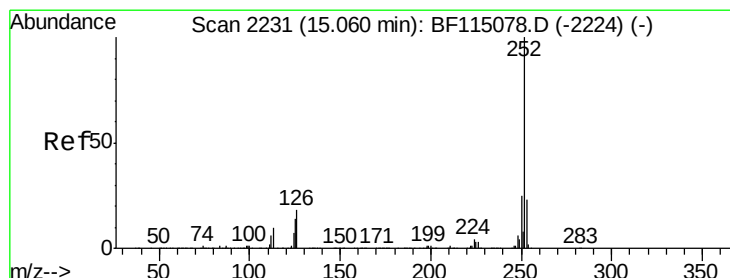
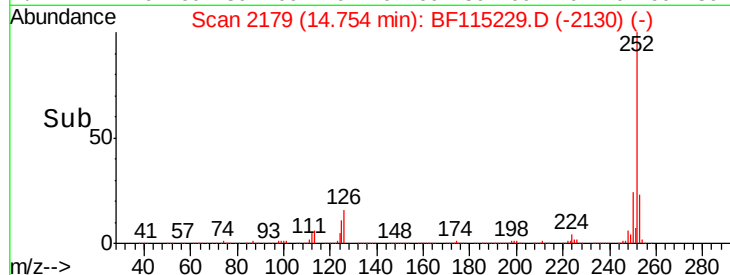
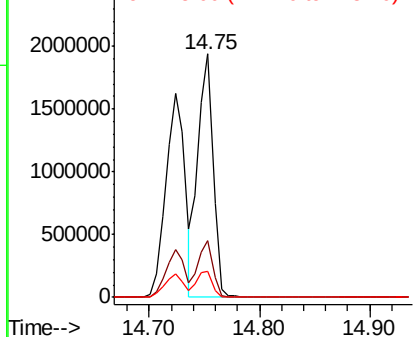


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 46.445 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

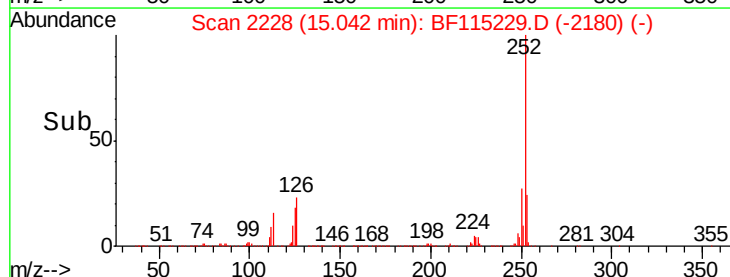
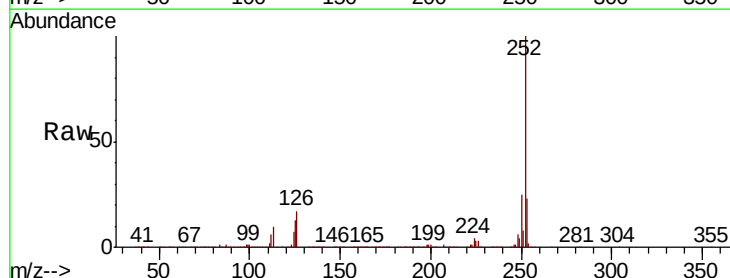
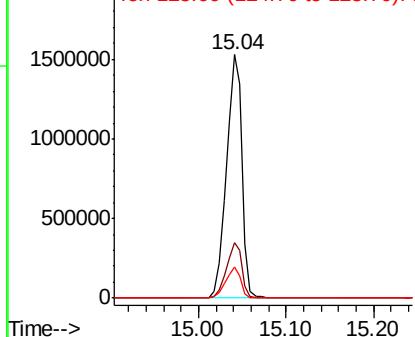
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	12.9	10.9	16.3

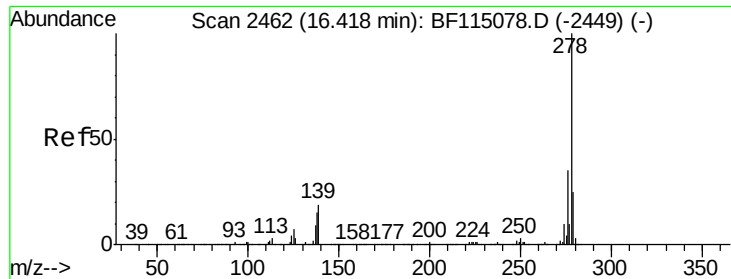
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





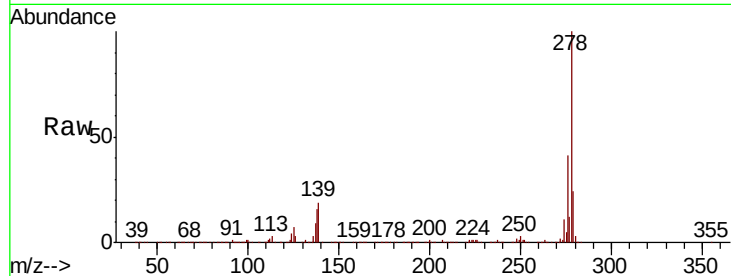
#91
Dibenzo(a,h)anthracene
Concen: 49.209 ng
RT: 16.38 min Scan# 2456
Delta R.T. -0.04 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Instrument :
BNA_F
ClientSampleId :
PB120942BSD

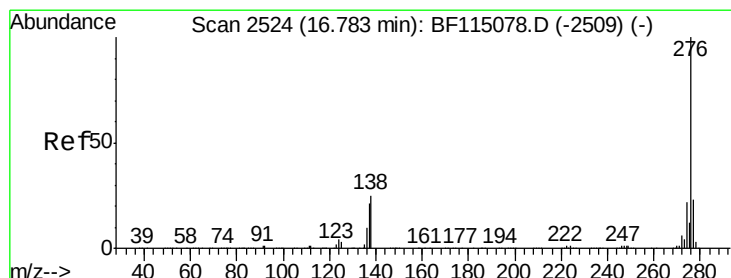
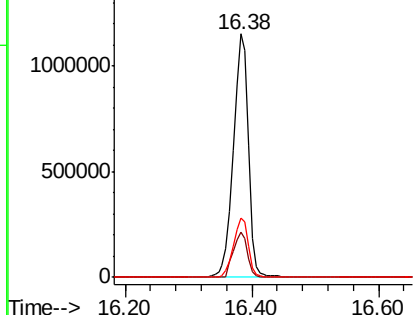
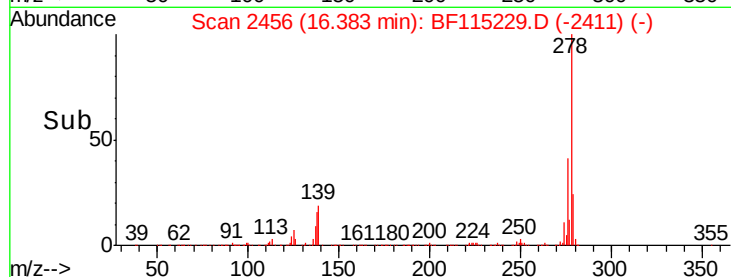
Tot Ion:278 Resp: 1851846
Ion Ratio Lower Upper
278 100
139 18.6 15.4 23.2
279 24.4 19.9 29.9

Manual Integrations
APPROVED

mohammad
6/28/2019 2:58:10 PM

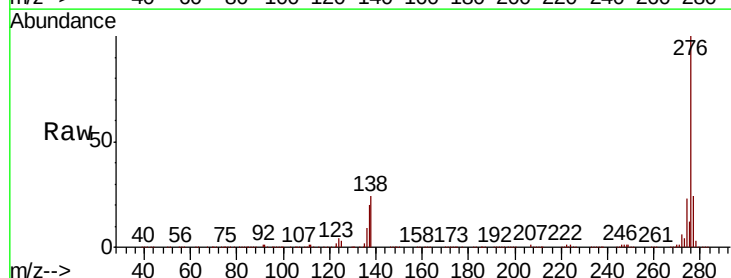


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.724 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.04 min
Lab File: BF115229.D
Acq: 27 Jun 2019 12:01

Tgt Ion:276 Resp: 1931955
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 24.4 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

