

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115183.D
 Acq On : 25 Jun 2019 13:20
 Operator : HP/JU
 Sample : PB120777BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:14 PM

Quant Time: Jun 26 06:42:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	270405	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1090728	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	544067	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1072503	20.00	ng	0.00
76) Chrysene-d12	13.74	240	747183	20.00	ng	-0.01
87) Perylene-d12	15.11	264	809149	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1900048	108.43	ng	0.02
7) Phenol-d6	6.26	99	2361367	111.03	ng	0.00
23) Nitrobenzene-d5	7.18	82	1465575	82.66	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	708960	123.57	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2807580	87.65	ng	-0.01
79) Terphenyl-d14	12.69	244	2901564	82.57	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.29	88	300713	36.363	ng	98
3) Pyridine	2.94	79	807495	34.644	ng	97
4) n-Nitrosodimethylamine	2.88	42	335851	36.755	ng	99
6) Aniline	6.27	93	702571	24.036	ng	# 1
8) 2-Chlorophenol	6.40	128	807236	40.969	ng	97
9) Benzaldehyde	6.15	77	110235	7.945	ng	99
10) Phenol	6.27	94	937166	37.618	ng	96
11) bis(2-Chloroethyl)ether	6.35	93	729721	39.736	ng	98
12) 1,3-Dichlorobenzene	6.55	146	851625	38.946	ng	99
13) 1,4-Dichlorobenzene	6.63	146	861821	39.303	ng	100
14) 1,2-Dichlorobenzene	6.78	146	801032	39.447	ng	98
15) Benzyl Alcohol	6.76	79	550296	35.533	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1034971	38.857	ng	96
17) 2-Methylphenol	6.88	107	710064	43.660	ng	97
18) Hexachloroethane	7.12	117	311521	39.407	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	522064	38.341	ng	98
20) 3+4-Methylphenols	7.03	107	815447	43.423	ng	89
22) Acetophenone	7.02	105	1066697	42.719	ng	# 97
24) Nitrobenzene	7.20	77	809026	41.417	ng	98
25) Isophorone	7.44	82	1504410	41.418	ng	99
26) 2-Nitrophenol	7.51	139	460168	47.702	ng	99
27) 2,4-Dimethylphenol	7.56	122	777607	49.233	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	948171	41.301	ng	99
29) 2,4-Dichlorophenol	7.75	162	716138	43.936	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	764507	42.462	ng	99
31) Naphthalene	7.91	128	2285644	42.690	ng	100
32) Benzoic acid	7.70	122	613031	54.374	ng	96
33) 4-Chloroaniline	7.97	127	596737	24.387	ng	98
34) Hexachlorobutadiene	8.04	225	410722	41.628	ng	98
35) Caprolactam	8.34	113	244039m	44.532	ng	
36) 4-Chloro-3-methylphenol	8.45	107	733225	44.419	ng	99
37) 2-Methylnaphthalene	8.61	142	1584868	43.902	ng	99
38) 1-Methylnaphthalene	8.71	142	1509097	43.770	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	663157	43.134	ng	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	689901	75.676	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	528371	44.515	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	553521	45.284	ng	98
46) 1,1'-Biphenyl	9.07	154	1849343	42.481	ng	99
47) 2-Chloronaphthalene	9.09	162	1482547	41.984	ng	98
48) 2-Nitroaniline	9.18	65	444688	43.195	ng	96
49) Acenaphthylene	9.51	152	2331562	42.379	ng	100
50) Dimethylphthalate	9.38	163	1717882	42.917	ng	100
51) 2,6-Dinitrotoluene	9.43	165	407586	44.105	ng	97
52) Acenaphthene	9.68	154	1381950	40.141	ng	99
53) 3-Nitroaniline	9.59	138	308362	27.343	ng	97
54) 2,4-Dinitrophenol	9.70	184	445655	92.459	ng	95
55) Dibenzofuran	9.85	168	2052947	41.547	ng	99
56) 4-Nitrophenol	9.77	139	729691	80.708	ng	94
57) 2,4-Dinitrotoluene	9.83	165	544217	45.608	ng	94
58) Fluorene	10.19	166	1415986	42.705	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	479318	46.765	ng	98
60) Diethylphthalate	10.08	149	1687741	41.945	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	685744	43.660	ng	96
62) 4-Nitroaniline	10.21	138	440806	38.963	ng	99
63) Azobenzene	10.34	77	1549427	41.228	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	263256	46.325	ng	90
66) n-Nitrosodiphenylamine	10.30	169	1434517	42.932	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	491121	42.236	ng	92
68) Hexachlorobenzene	10.73	284	541382	42.893	ng	94
69) Atrazine	10.83	200	455618	42.389	ng	99
70) Pentachlorophenol	10.92	266	664616	82.655	ng	97
71) Phenanthrene	11.14	178	2313662	40.067	ng	99
72) Anthracene	11.19	178	2363010	40.539	ng	98
73) Carbazole	11.34	167	2163824	41.572	ng	98
74) Di-n-butylphthalate	11.69	149	2480467	41.240	ng	98
75) Fluoranthene	12.32	202	2356927	40.908	ng	99
77) Benzidine	12.44	184	812730	24.496	ng	99
78) Pyrene	12.54	202	2423488	42.205	ng	98
80) Butylbenzylphthalate	13.18	149	1124311	44.368	ng	96
81) Benzo(a)anthracene	13.72	228	2230761	41.609	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	710733	36.710	ng	100
83) Chrysene	13.77	228	2095774	42.675	ng	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	1443527	43.474	ng	# 98
85) Di-n-octyl phthalate	14.36	149	2527771	45.310	ng	99
86) Indeno(1,2,3-cd)pyrene	16.39	276	2577531	44.354	ng	99
88) Benzo(b)fluoranthene	14.74	252	2503482	49.585	ng	99
89) Benzo(k)fluoranthene	14.77	252	2025339	44.732	ng	99
90) Benzo(a)pyrene	15.06	252	2231115	49.029	ng	99
91) Dibenzo(a,h)anthracene	16.41	278	2074734	48.837	ng	100
92) Benzo(g,h,i)perylene	16.78	276	2174396	50.570	ng	99

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



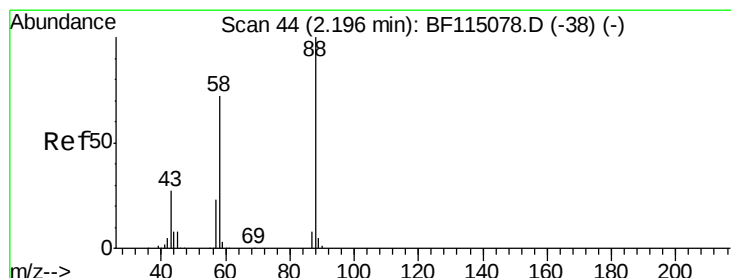
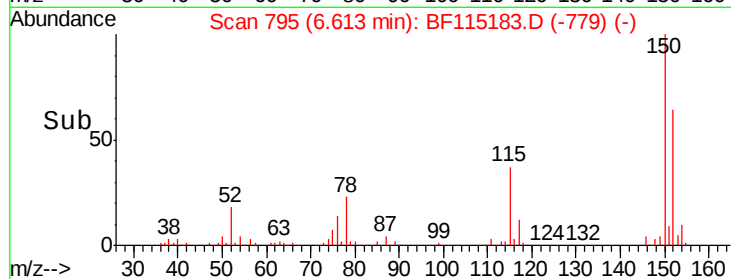
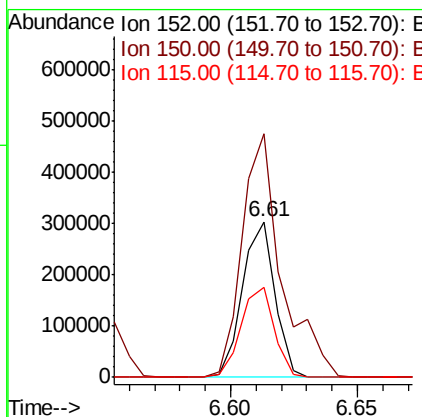
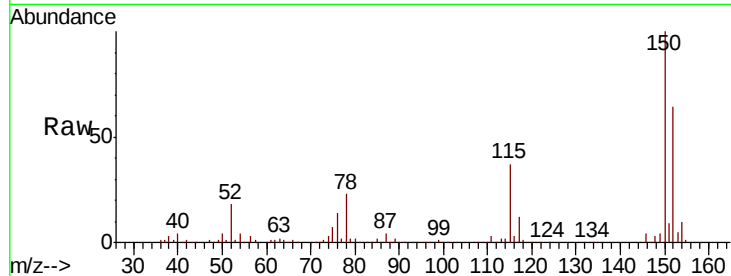
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	57.9	46.1	69.1

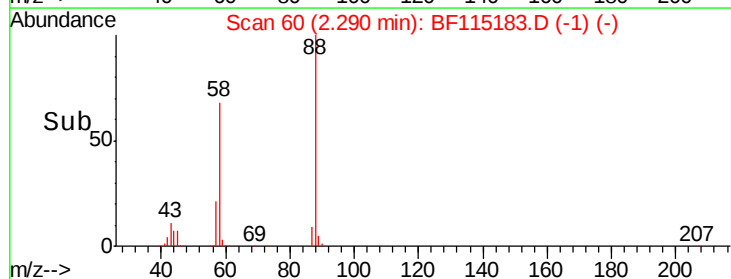
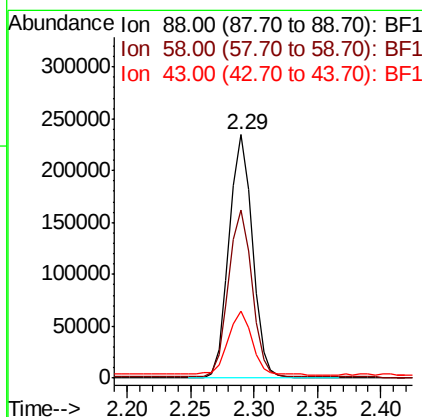
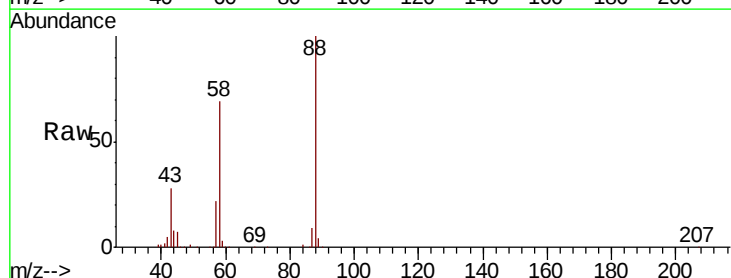
Manual Integrations
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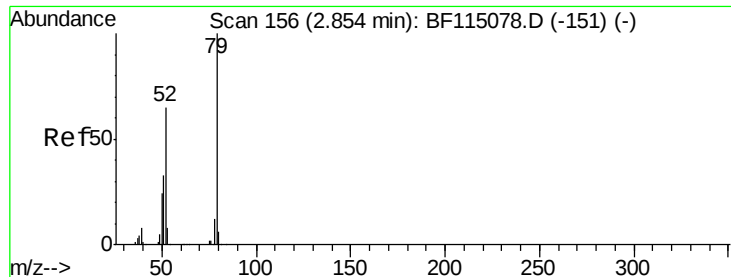
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#2
 1,4-Dioxane
 Concen: 36.363 ng
 RT: 2.29 min Scan# 60
 Delta R.T. 0.09 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	56.1	84.1
43	27.6	21.3	31.9





#3

Pvridine

Concen: 34.644 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.08 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

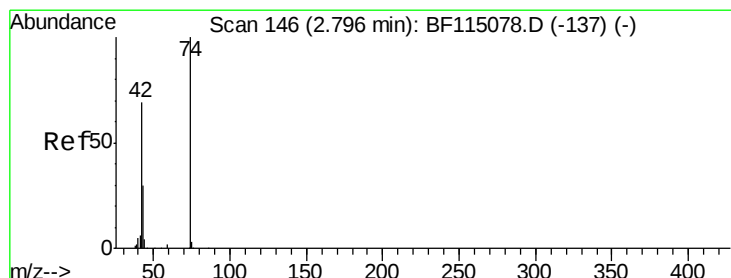
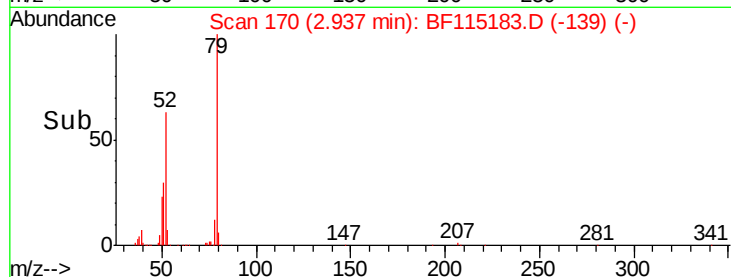
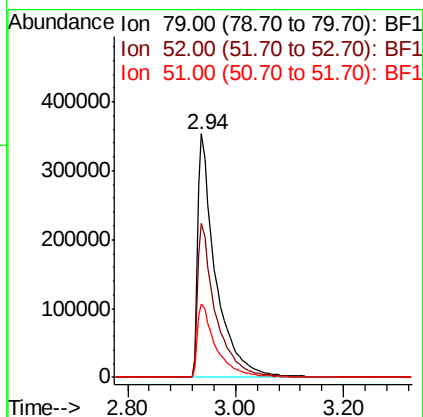
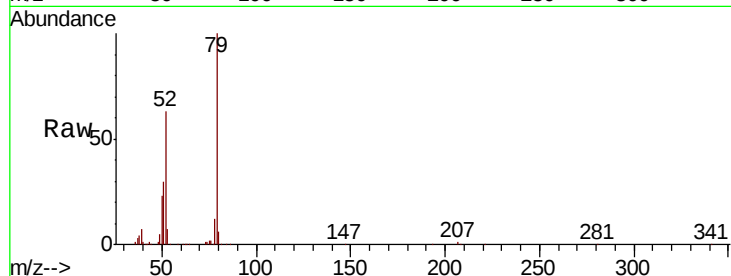
ClientSampleId :

PB120777BS

Tot Ion:	79	Resp:	807495
Ion Ratio	Lower	Upper	
79	100		
52	63.3	52.3	78.5
51	30.3	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 36.755 ng

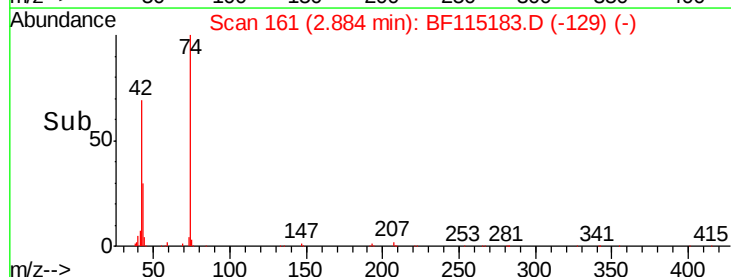
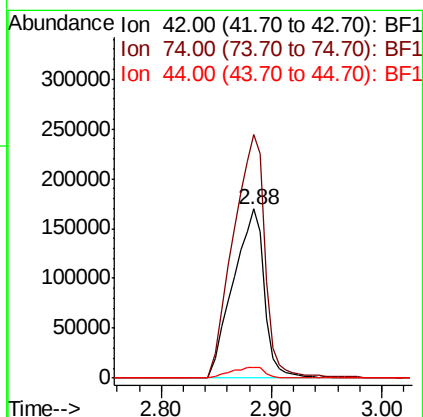
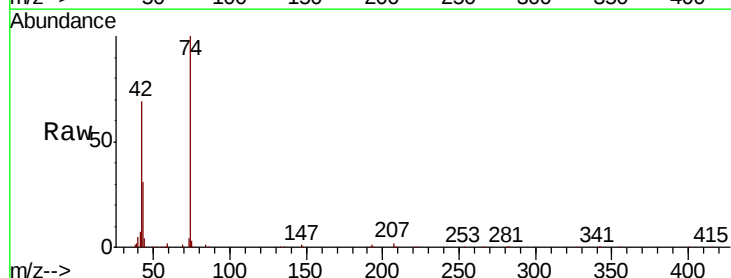
RT: 2.88 min Scan# 161

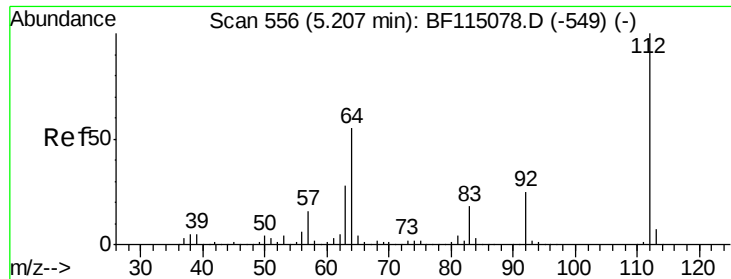
Delta R.T. 0.09 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Tgt Ion:	42	Resp:	335851
Ion Ratio	Lower	Upper	
42	100		
74	144.2	116.6	175.0
44	6.4	5.3	7.9





#5

2-Fluorophenol

Concen: 108.433 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion: 112 Resp: 1900048

Ion Ratio Lower Upper

112 100

64 54.0 43.8 65.6

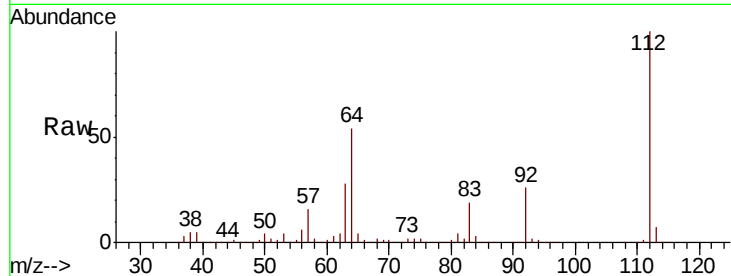
63 28.1 22.2 33.4

Manual Integrations

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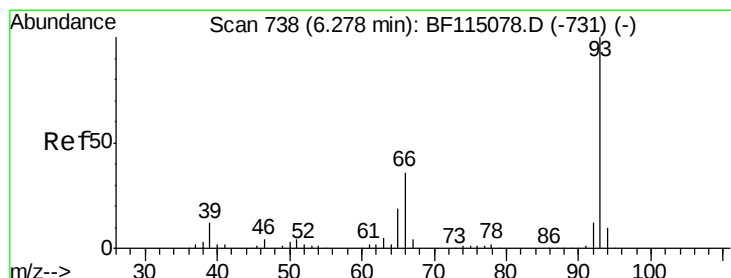
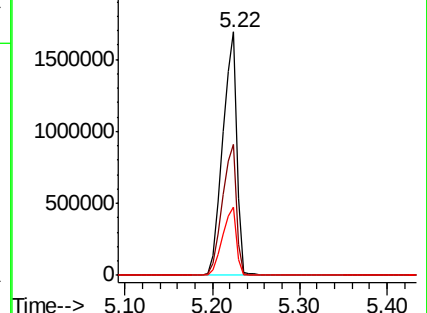
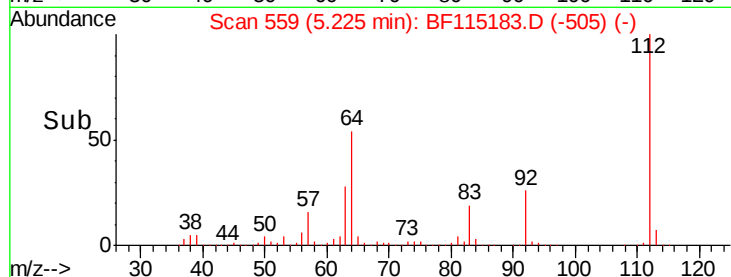
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Abundance Ion 112.00 (111.70 to 112.70): BF115078.D (-549) (-)

Ion 64.00 (63.70 to 64.70): BF115078.D (-549) (-)

Ion 63.00 (62.70 to 63.70): BF115078.D (-549) (-)



#6

Aniline

Concen: 24.036 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

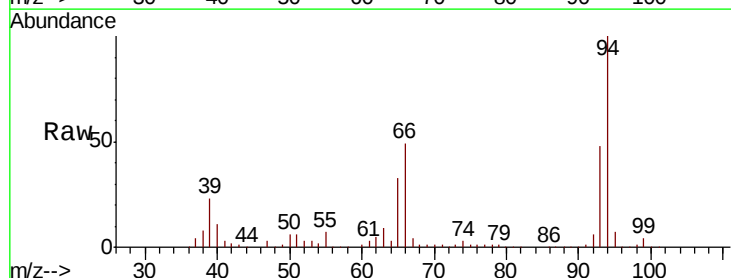
Tgt Ion: 93 Resp: 702571

Ion Ratio Lower Upper

93 100

66 102.9 30.0 45.0#

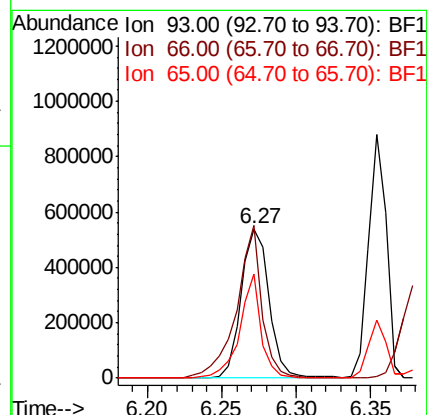
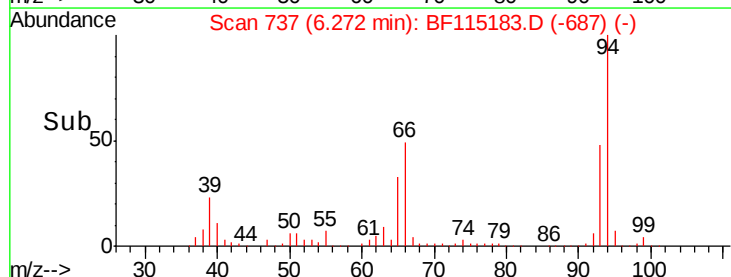
65 70.0 15.6 23.4#

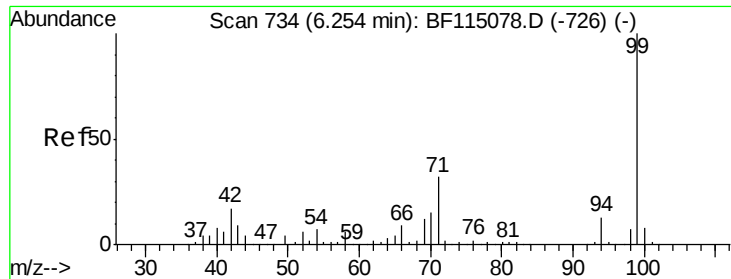


Abundance Ion 93.00 (92.70 to 93.70): BF115078.D (-731) (-)

Ion 66.00 (65.70 to 66.70): BF115078.D (-731) (-)

Ion 65.00 (64.70 to 65.70): BF115078.D (-731) (-)





#7

Phenol-d6

Concen: 111.028 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion: 99 Resp: 2361367

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

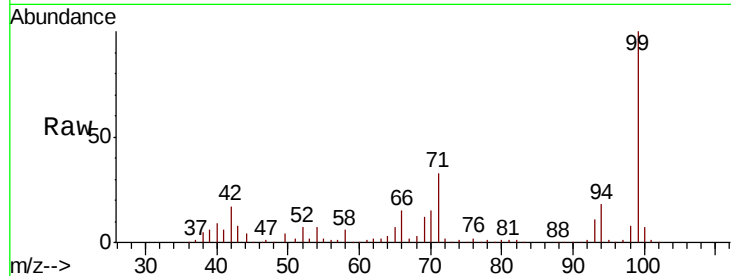
71 32.6 25.5 38.3

Manual Integrations

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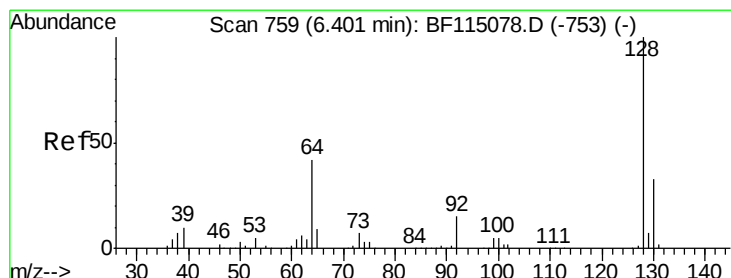
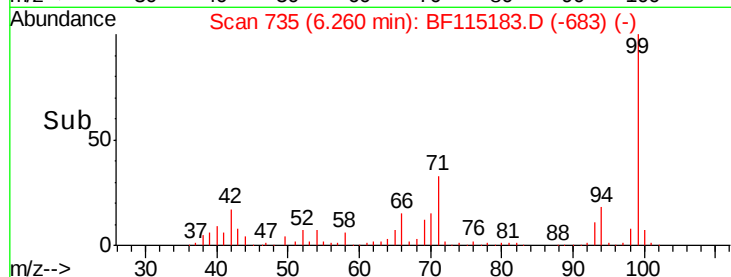
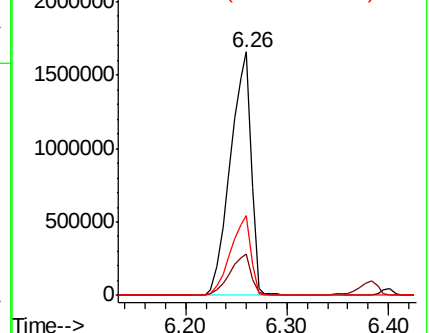
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.969 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

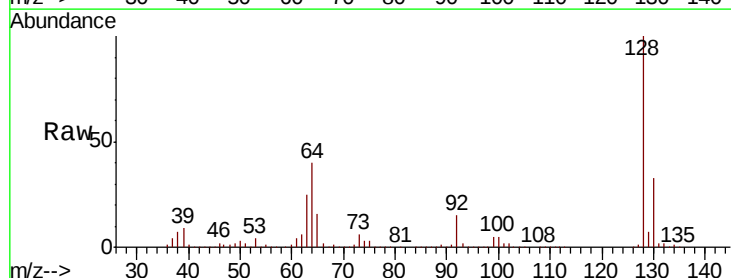
Tgt Ion: 128 Resp: 807236

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

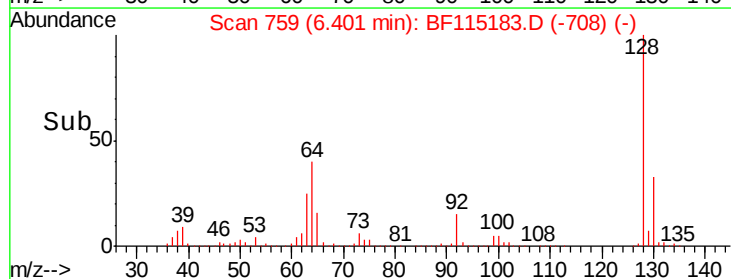
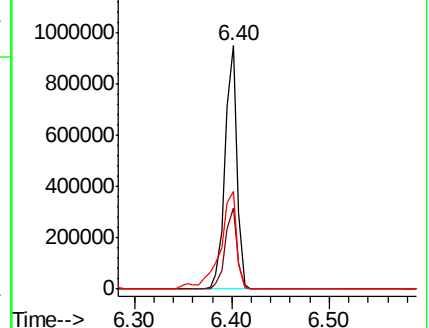
64 40.3 22.9 62.9

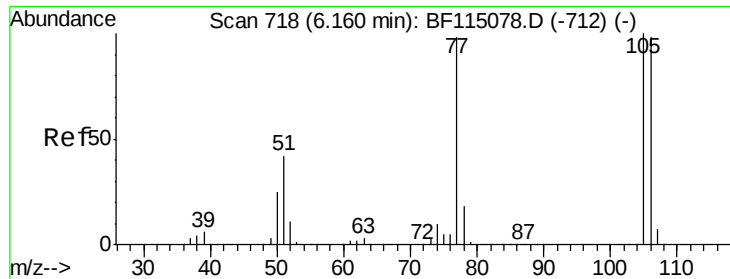


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





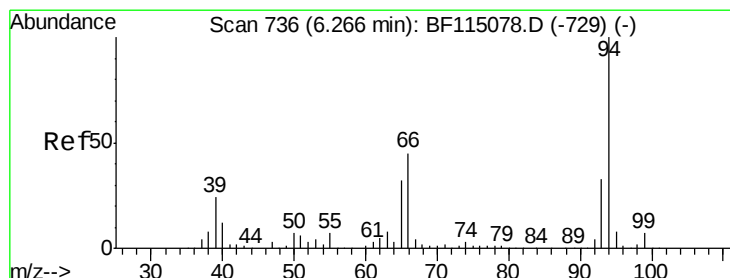
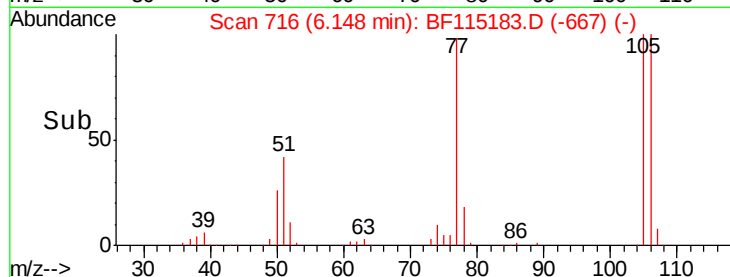
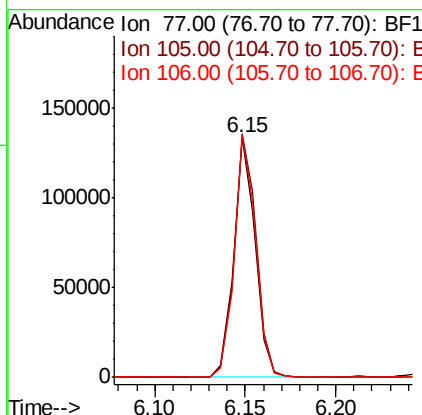
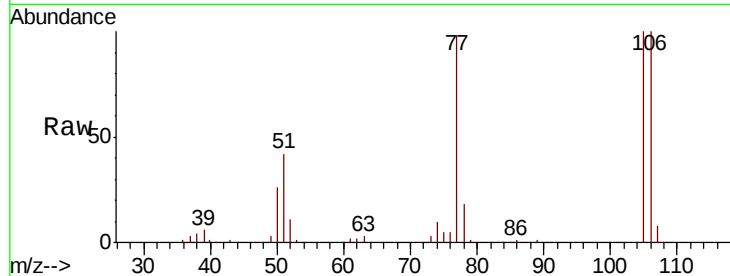
#9
Benzaldehyde
Concen: 7.945 ng
RT: 6.15 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.7	81.5	121.5
106	101.3	79.7	119.7

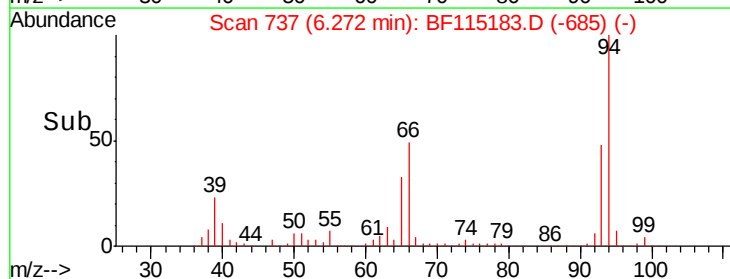
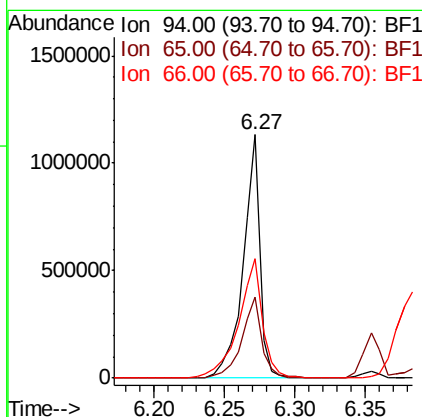
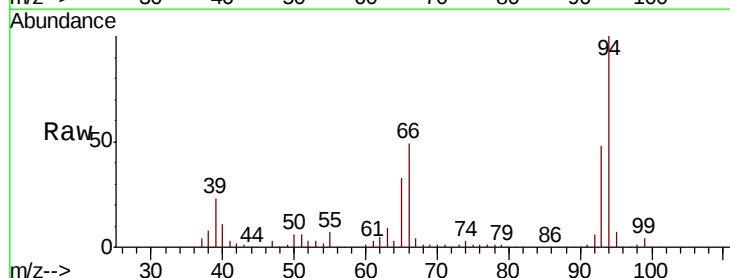
Manual Integrations
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#10
Phenol
Concen: 37.618 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.3	11.9	51.9
66	48.9	25.2	65.2





#11

bis(2-Chloroethyl)ether

Concen: 39.736 ng

RT: 6.35 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

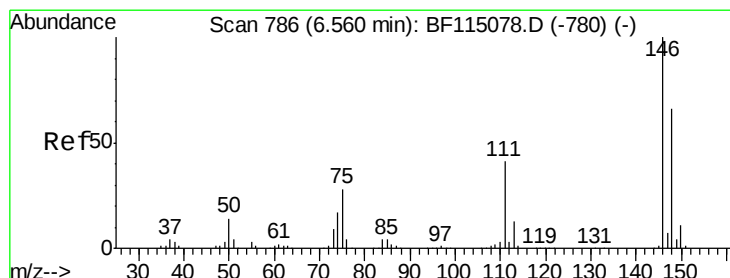
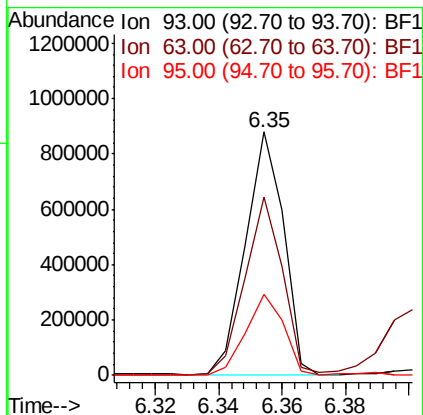
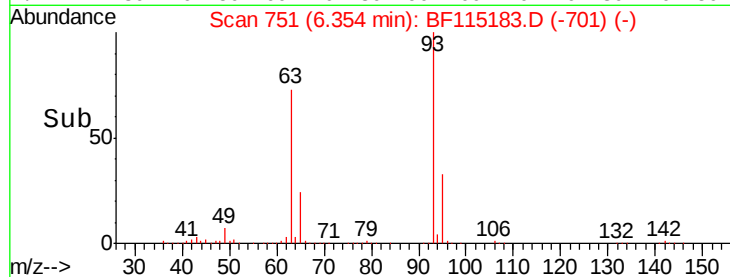
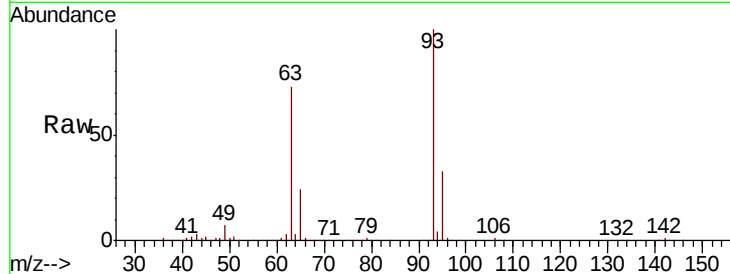
ClientSampleId :

PB120777BS

Tot Ion:	93	Resp:	729721
Ion Ratio	Lower	Upper	
93	100		
63	73.3	51.5	91.5
95	33.1	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 38.946 ng

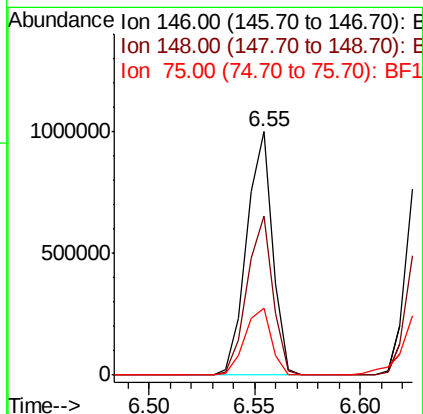
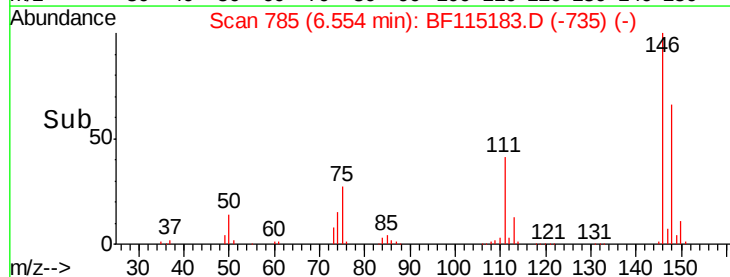
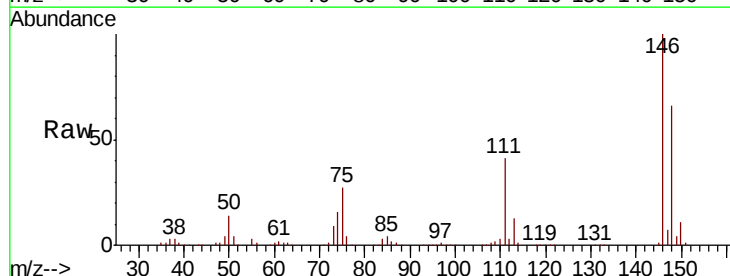
RT: 6.55 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Tgt Ion:	146	Resp:	851625
Ion Ratio	Lower	Upper	
146	100		
148	65.6	52.6	78.8
75	27.5	22.6	34.0





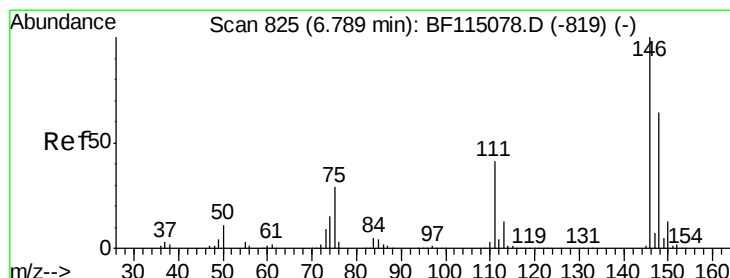
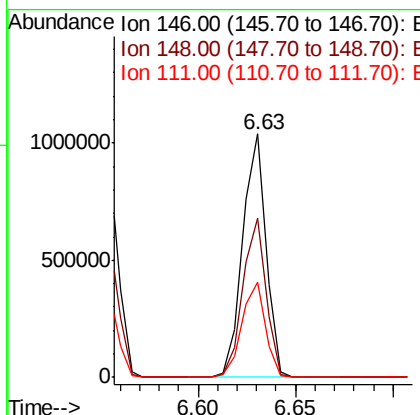
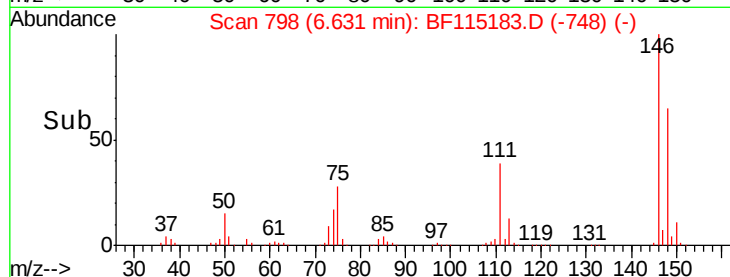
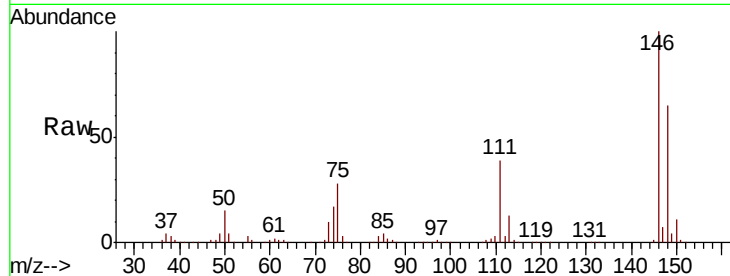
#13
 1,4-Dichlorobenzene
 Concen: 39.303 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampled :
 PB120777BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
111	39.1	31.4	47.0

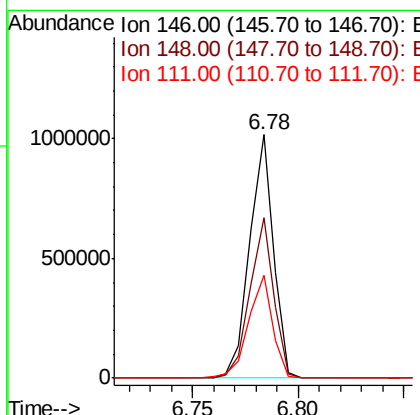
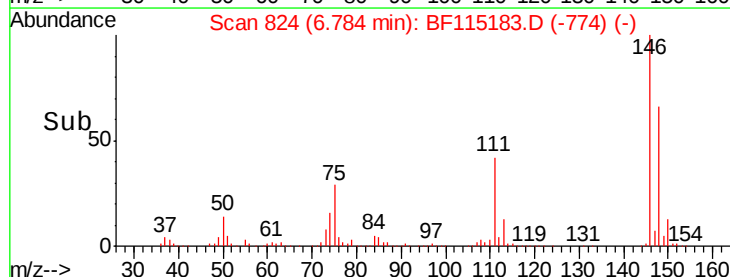
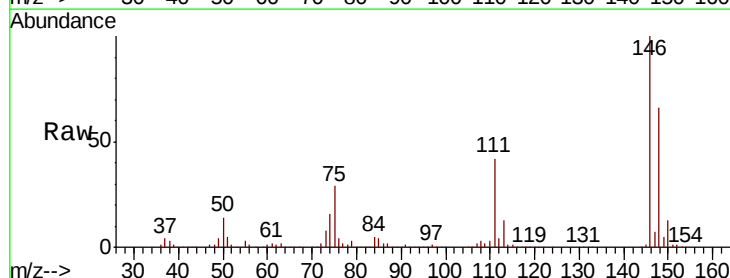
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#14
 1,2-Dichlorobenzene
 Concen: 39.447 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.1	76.7
111	42.0	33.2	49.8





#15

Benzyl Alcohol

Concen: 35.533 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion: 79 Resp: 550296

Ion Ratio Lower Upper

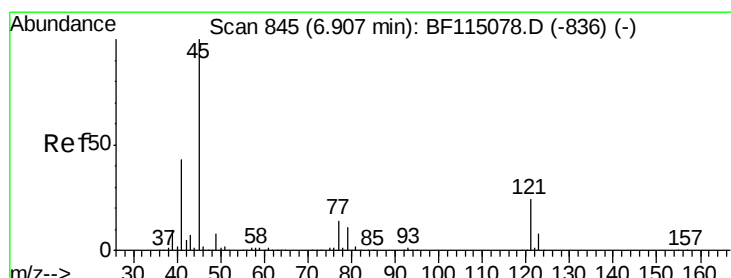
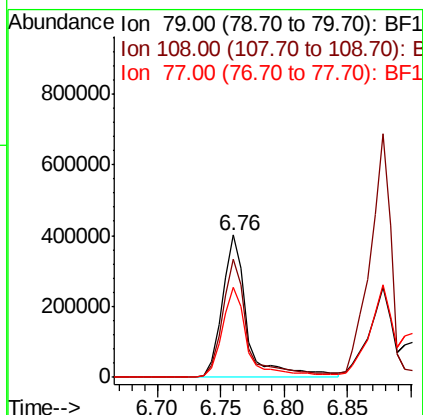
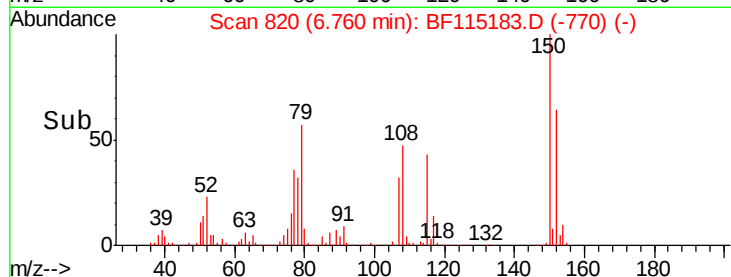
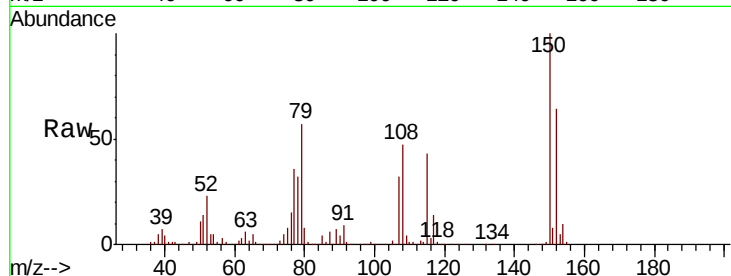
79 100

108 82.8 68.7 103.1

77 63.5 51.7 77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.857 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

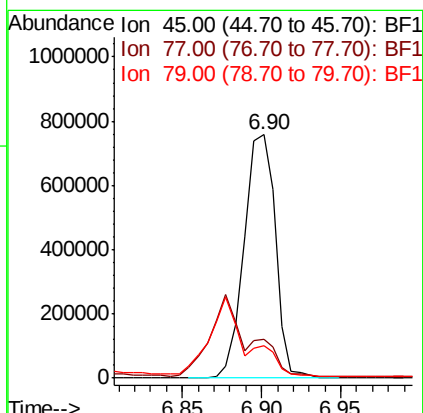
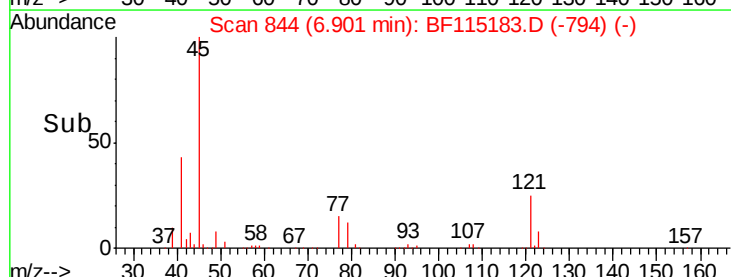
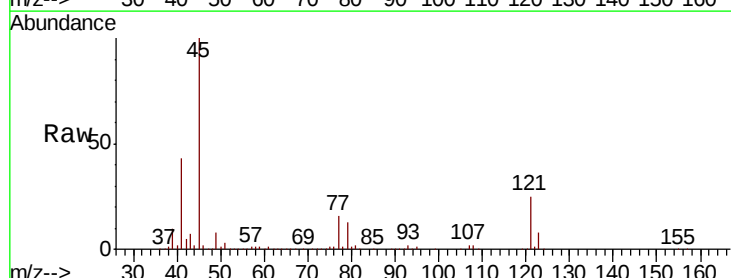
Tgt Ion: 45 Resp: 1034971

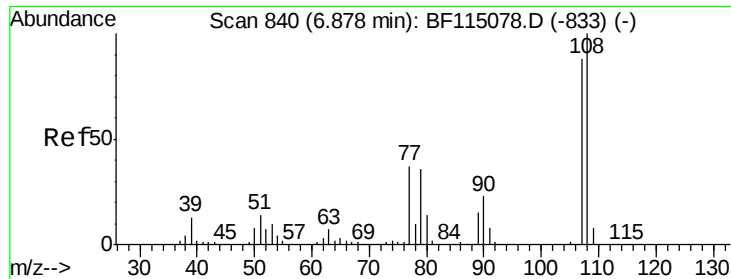
Ion Ratio Lower Upper

45 100

77 16.2 0.0 34.6

79 13.1 0.0 31.2





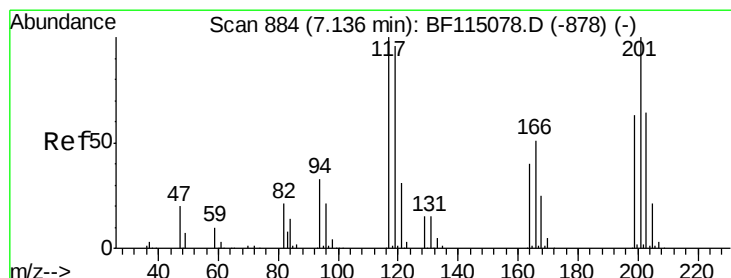
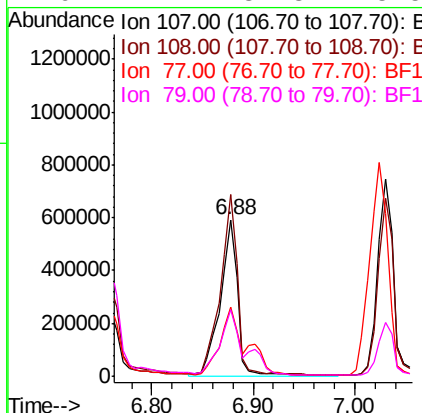
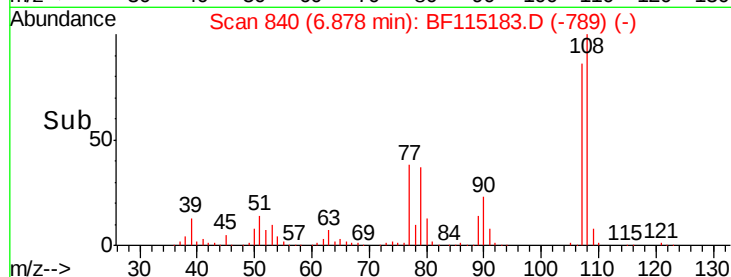
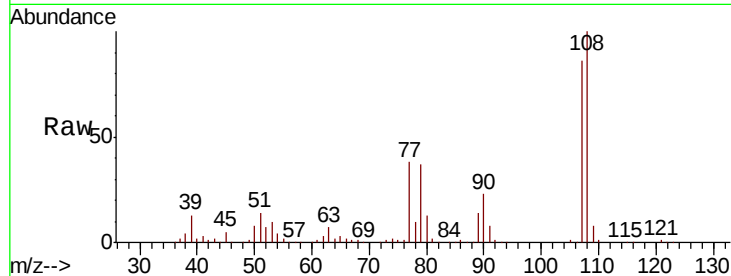
#17
2-Methylphenol
Concen: 43.660 ng
RT: 6.88 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	710064		
108	116.2	90.9	136.3	
77	44.2	33.4	50.2	
79	42.7	32.3	48.5	

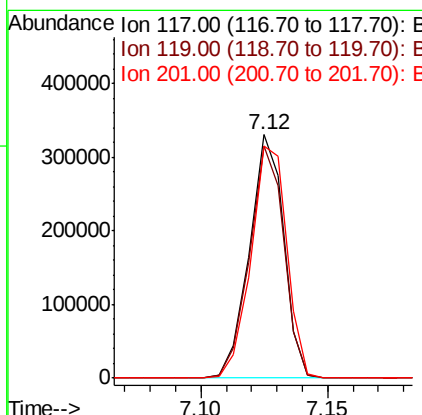
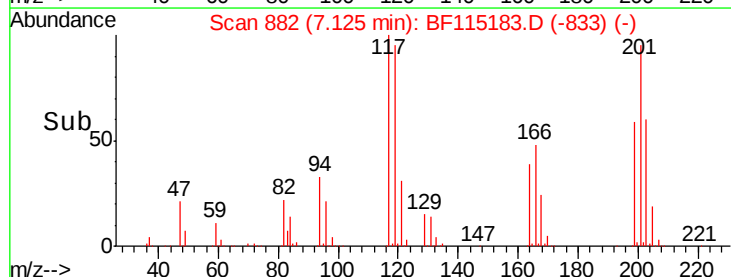
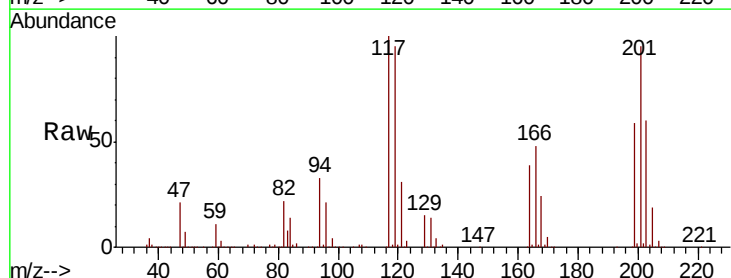
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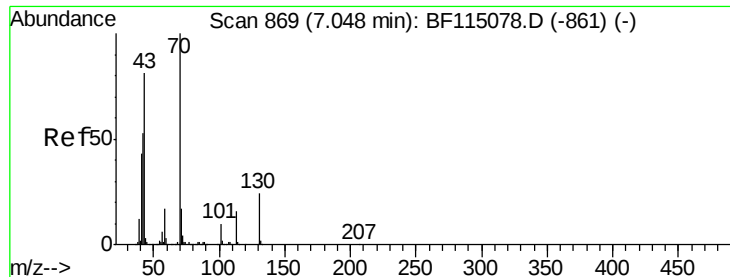
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#18
Hexachloroethane
Concen: 39.407 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	311521		
119	95.5	76.6	114.8	
201	95.4	80.2	120.2	





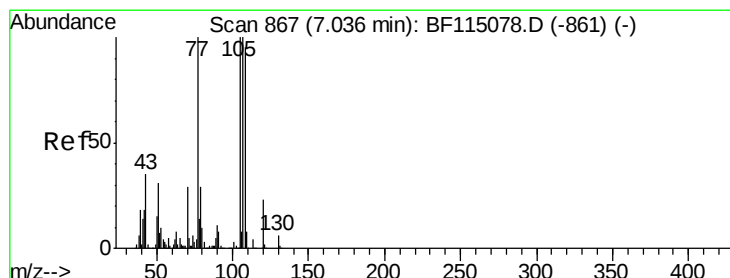
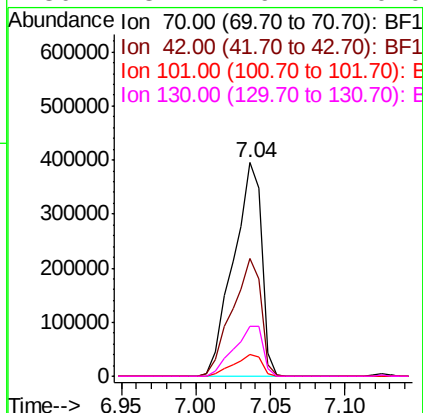
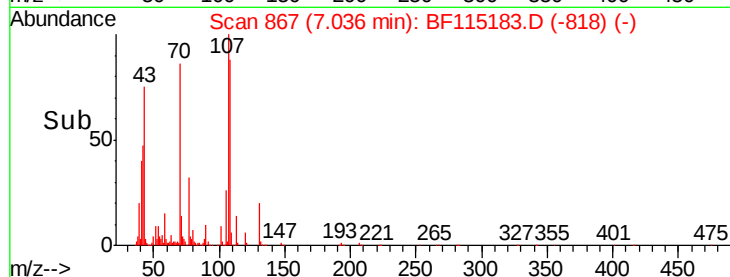
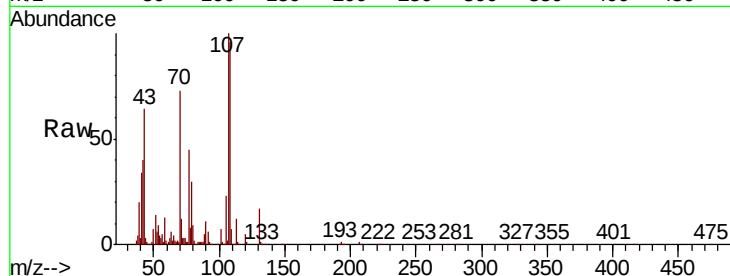
#19
n-Nitroso-di-n-propylamine
Concen: 38.341 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.1	42.6	63.8	
101	10.0	8.0	12.0	
130	23.1	19.4	29.0	

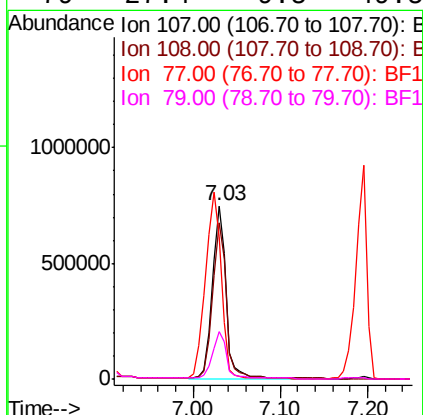
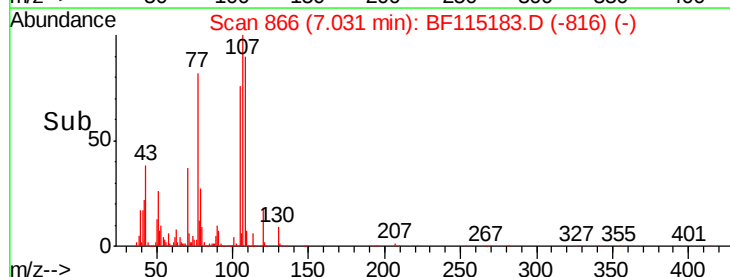
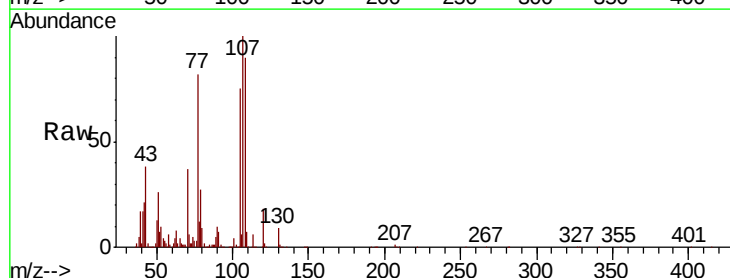
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#20
3+4-Methylphenols
Concen: 43.423 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	75.5	115.5	
77	82.0	80.2	120.2	
79	27.4	9.5	49.5	





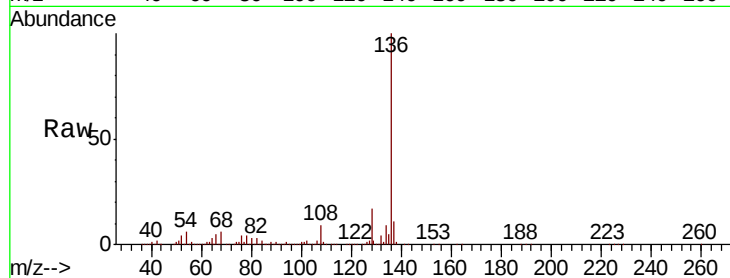
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.3	5.6	8.4
68	5.6	4.8	7.2

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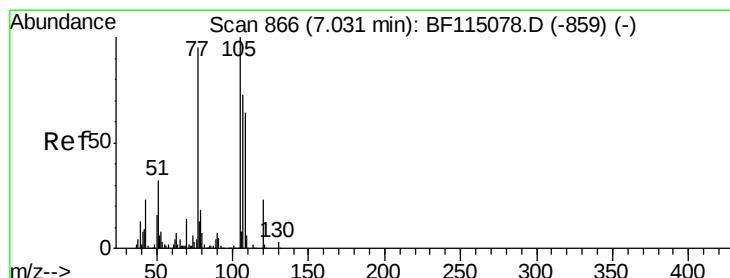
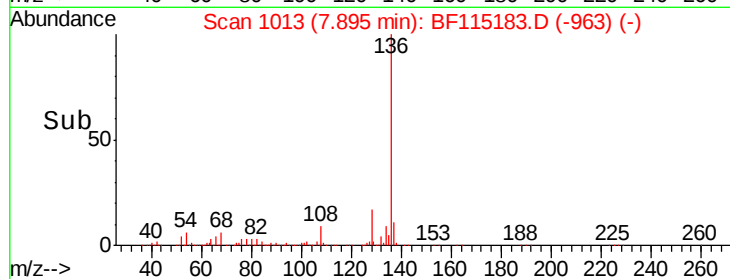
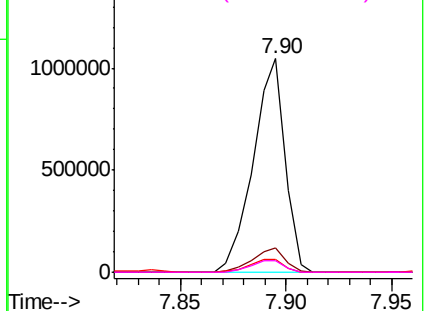
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.719 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.2	1.9	2.9#
51	30.1	25.8	38.8
120	23.7	18.5	27.7

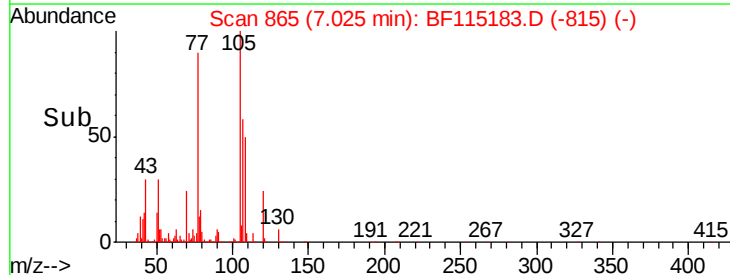
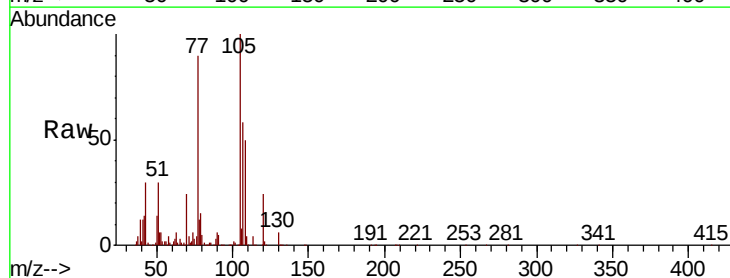
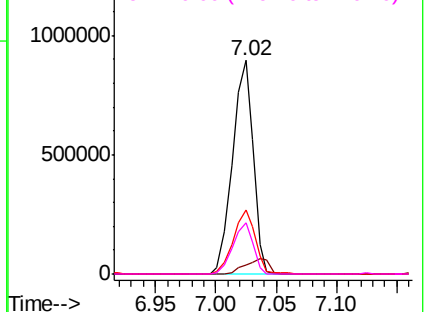
Abundance

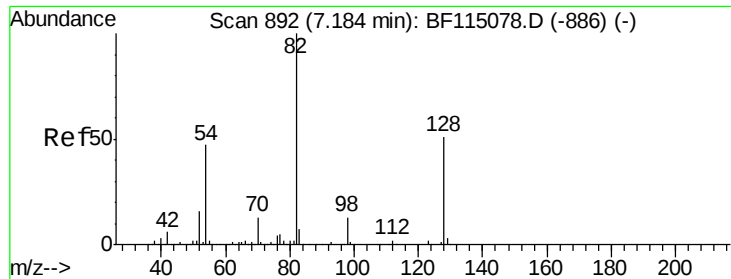
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





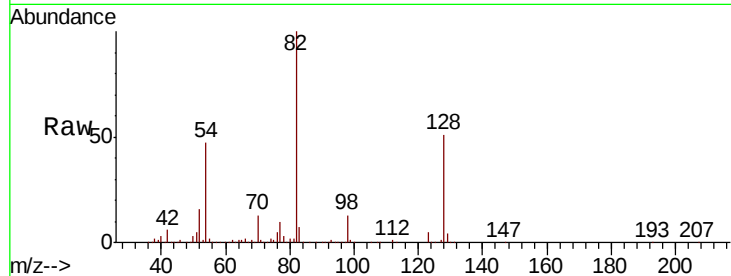
#23
 Nitrobenzene-d5
 Concen: 82.656 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.4	40.4	60.6
54	46.7	37.5	56.3

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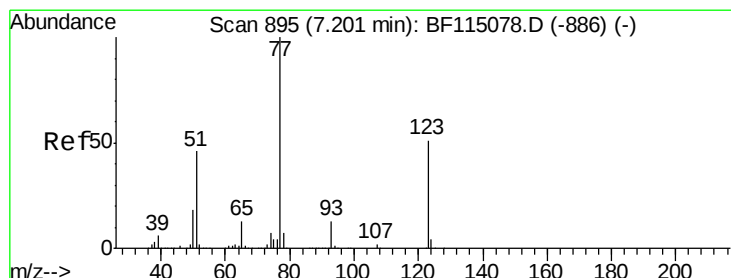
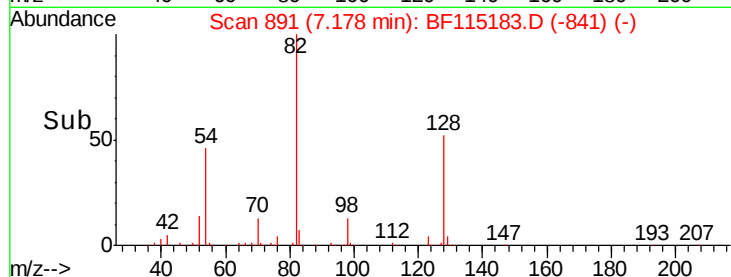
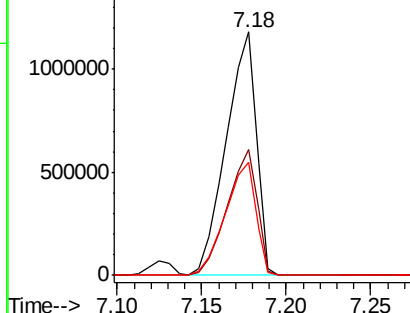


Abundance

Ion 82.00 (81.70 to 82.70): BF1

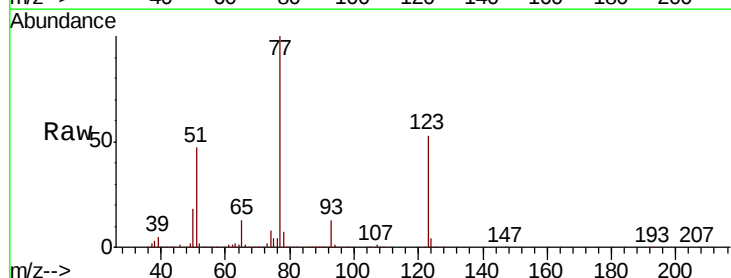
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 41.417 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.1	41.0	61.6
65	13.1	10.5	15.7

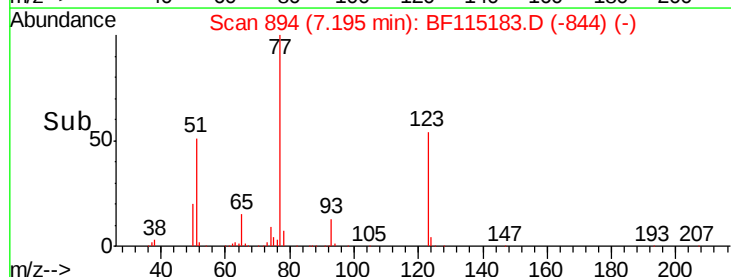
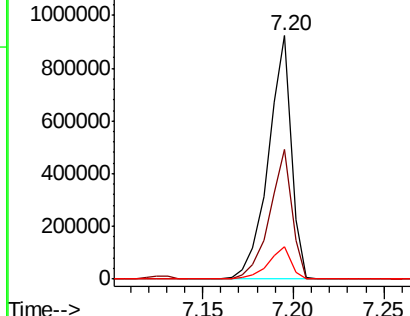


Abundance

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: 41.418 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion: 82 Resp: 1504410

Ion Ratio Lower Upper

82 100

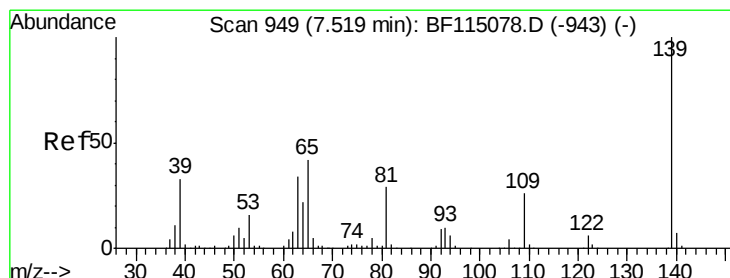
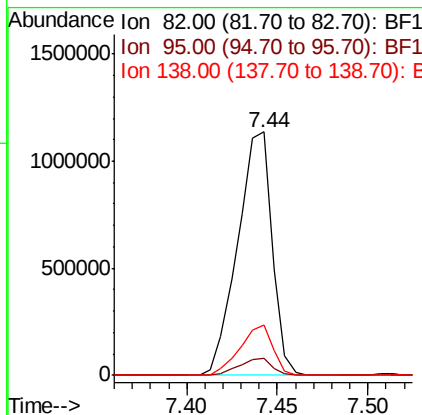
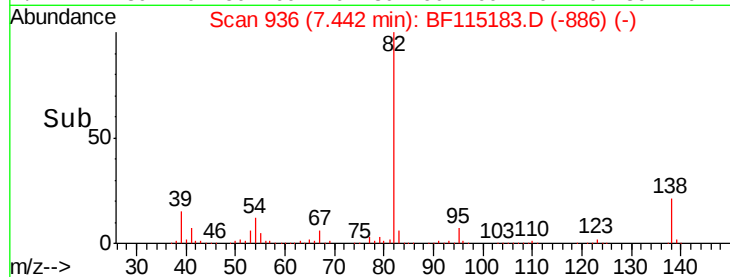
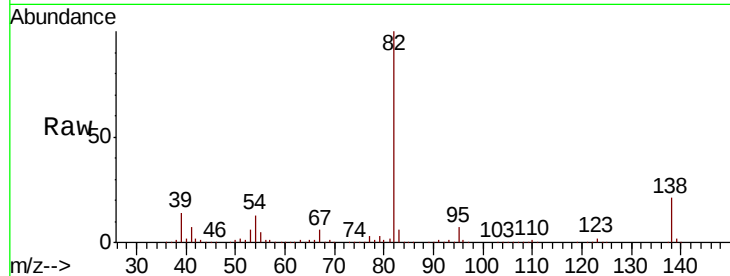
95 6.9 5.4 8.2

138 20.6 15.9 23.9

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#26

2-Nitrophenol

Concen: 47.702 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

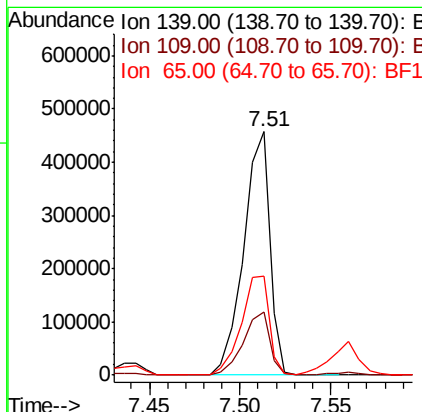
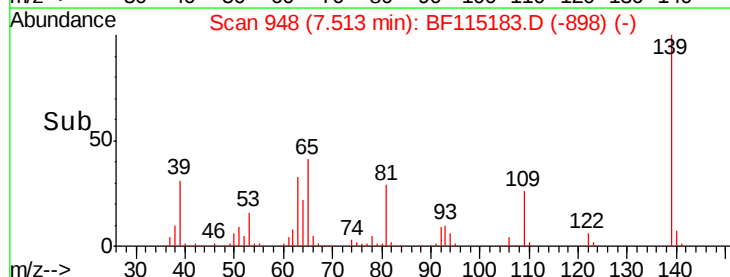
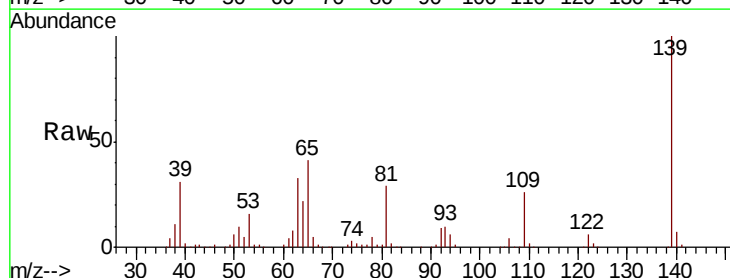
Tgt Ion: 139 Resp: 460168

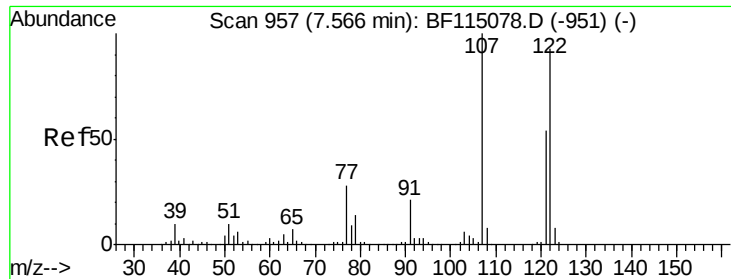
Ion Ratio Lower Upper

139 100

109 25.9 20.4 30.6

65 40.9 33.6 50.4





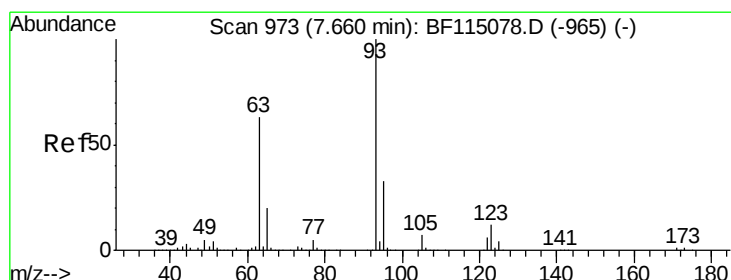
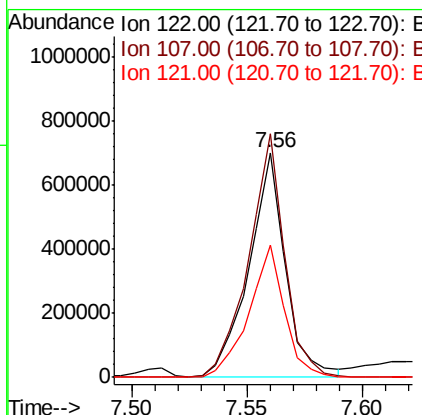
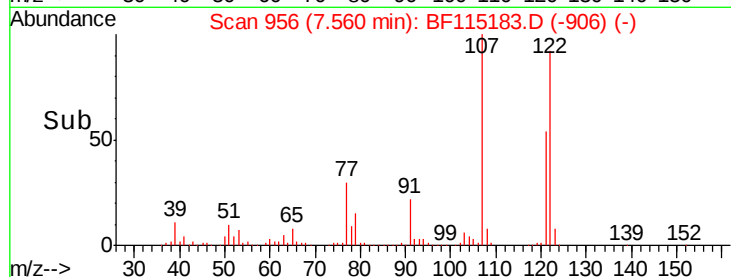
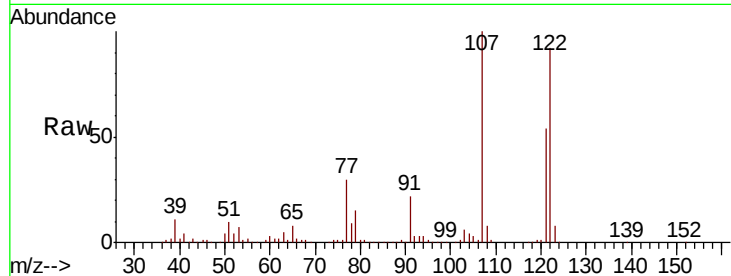
#27
 2,4-Dimethylphenol
 Concen: 49.233 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.5	85.8	128.6
121	58.9	46.3	69.5

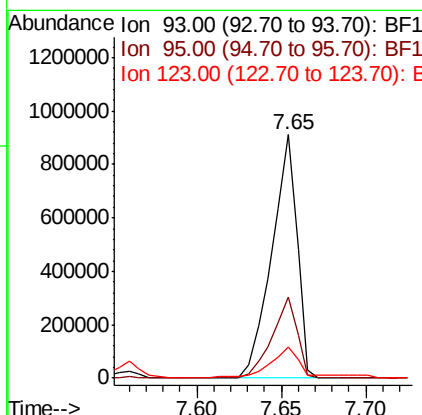
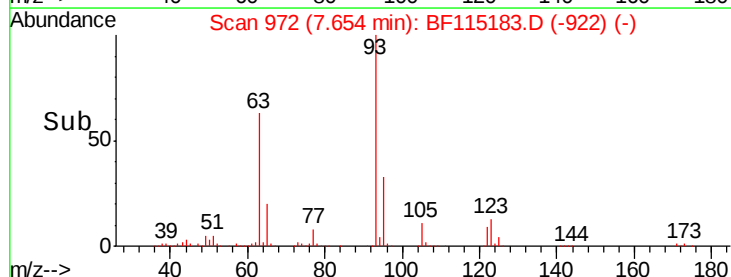
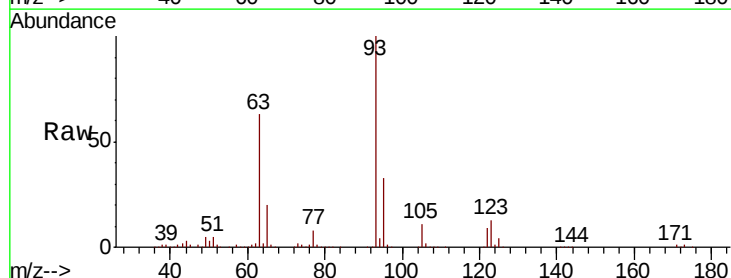
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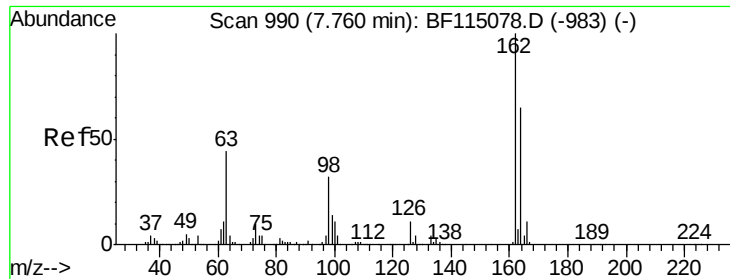
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.301 ng
 RT: 7.65 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.4
123	12.7	9.7	14.5





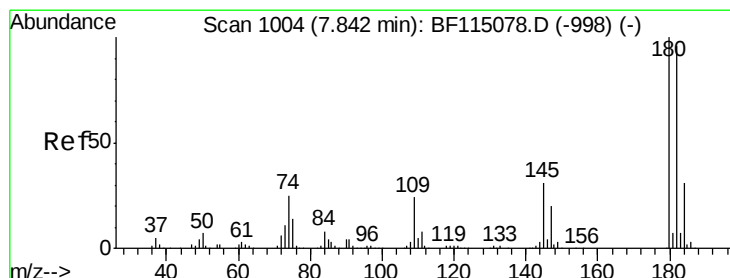
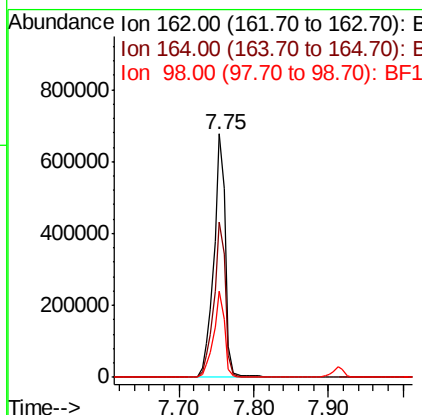
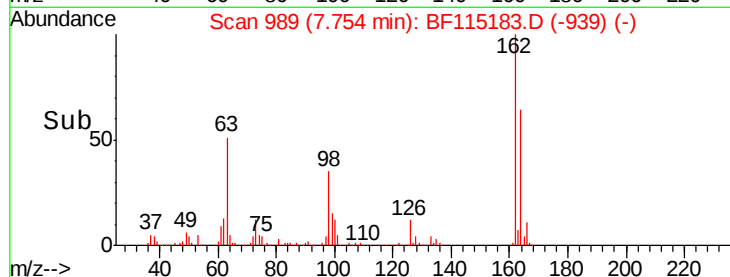
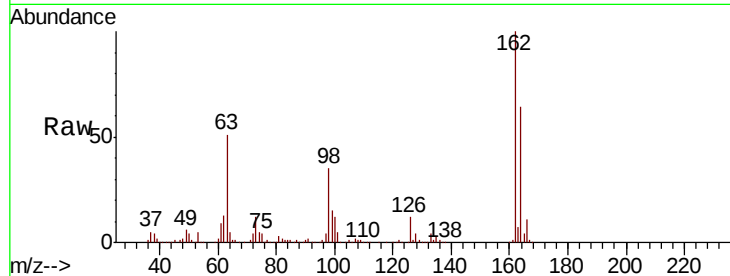
#29
2,4-Dichlorophenol
Concen: 43.936 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	716138		
164	64.0	45.3	85.3	
98	35.2	12.5	52.5	

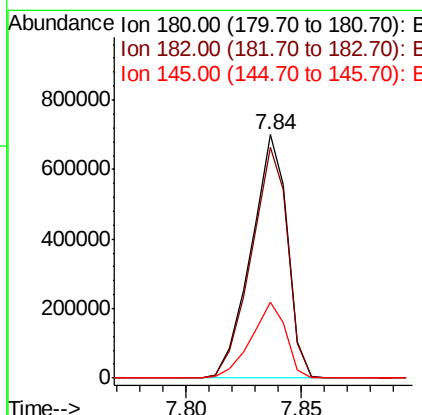
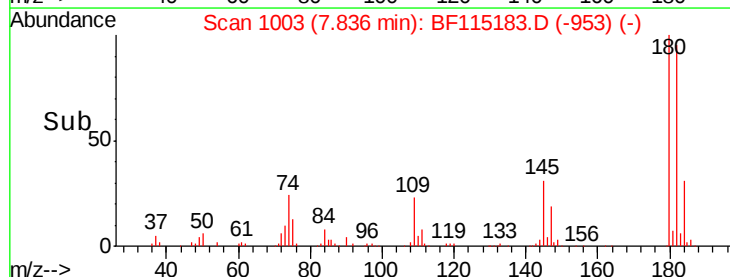
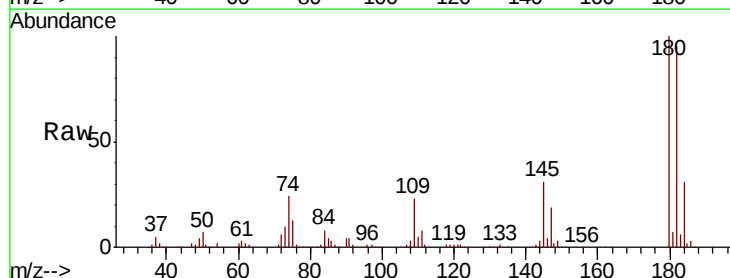
Manual Integrations
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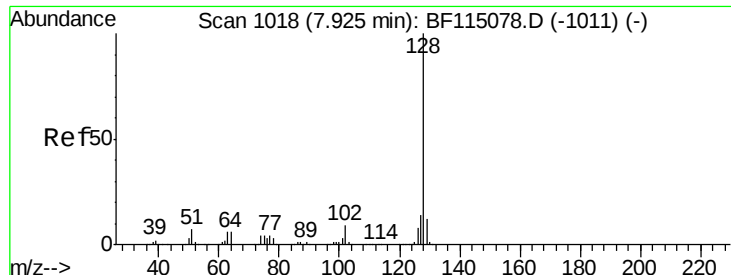
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#30
1,2,4-Trichlorobenzene
Concen: 42.462 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	764507		
182	94.7	76.4	114.6	
145	31.0	24.8	37.2	





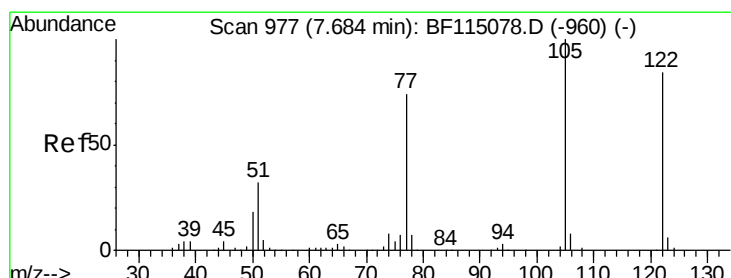
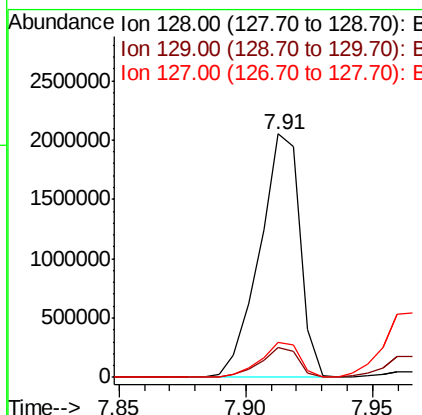
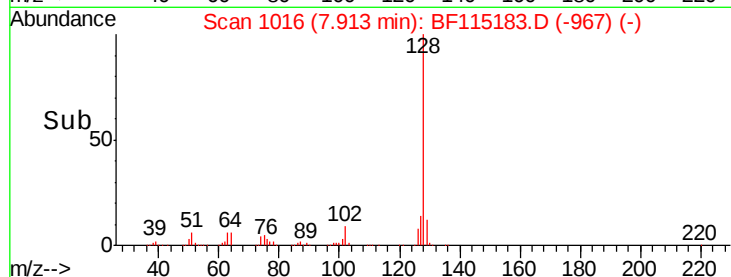
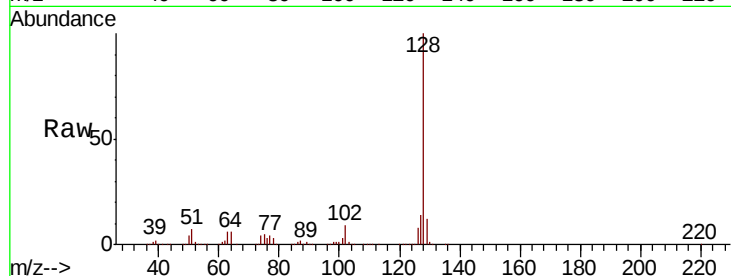
#31
Naphthalene
Concen: 42.690 ng
RT: 7.91 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.6	14.4
127	14.1	11.4	17.0

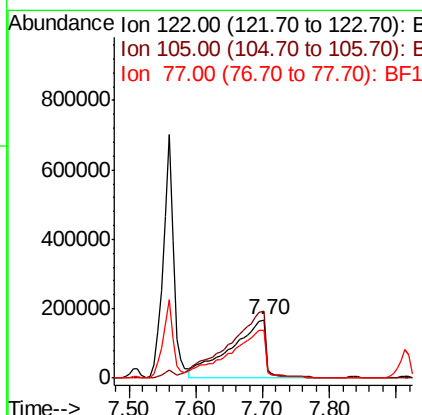
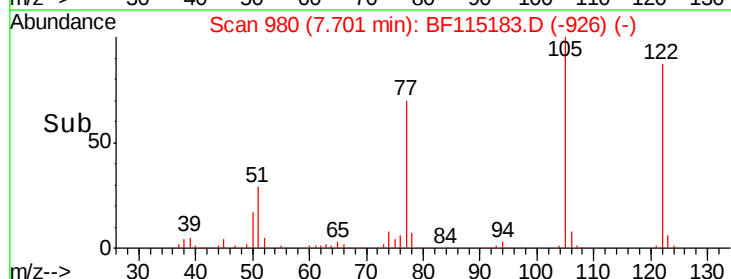
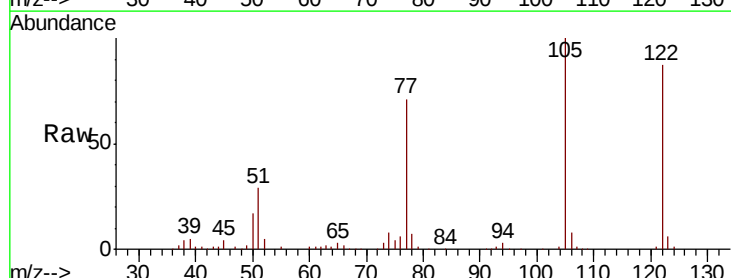
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#32
Benzoic acid
Concen: 54.374 ng
RT: 7.70 min Scan# 980
Delta R.T. 0.02 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.0	98.2	138.2
77	81.3	67.0	107.0





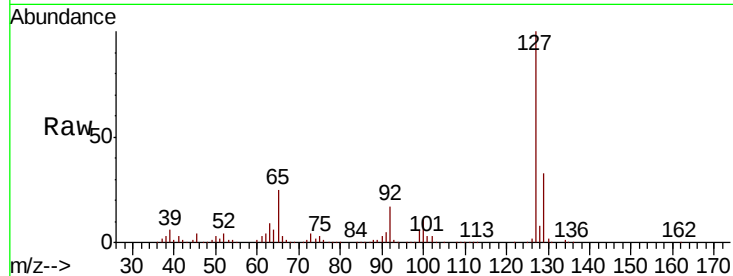
#33
4-Chloroaniline
Concen: 24.387 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		596737		
129	32.8	26.1	39.1		
65	24.8	21.4	32.2		
92	16.8	14.1	21.1		

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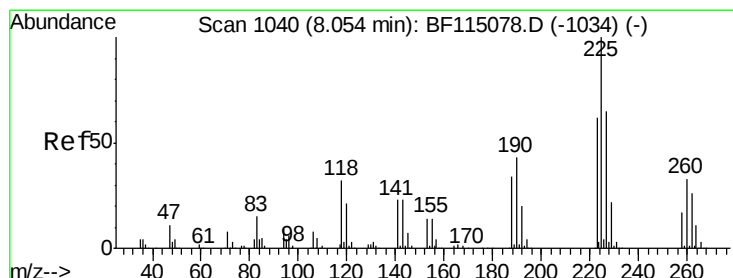
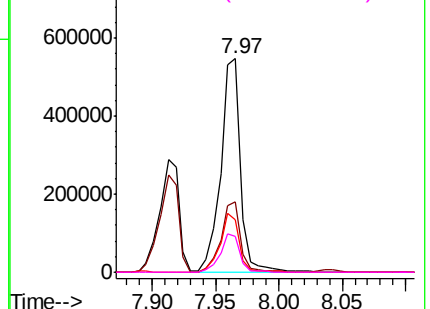
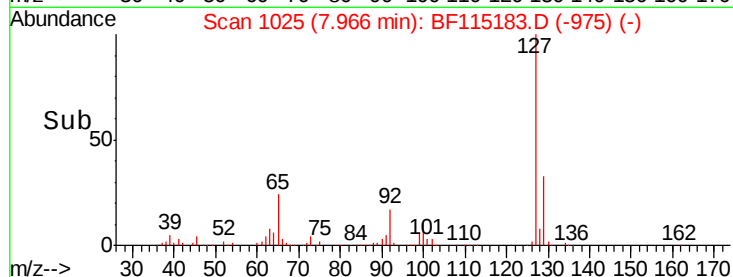
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

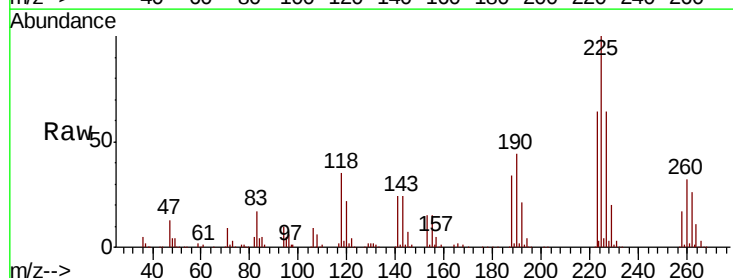
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.628 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		410722		
223	64.1	49.4	74.2		
227	63.8	51.8	77.8		

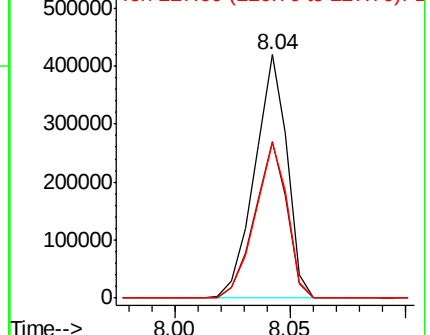
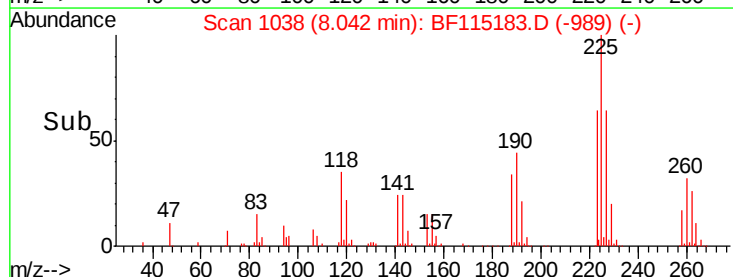


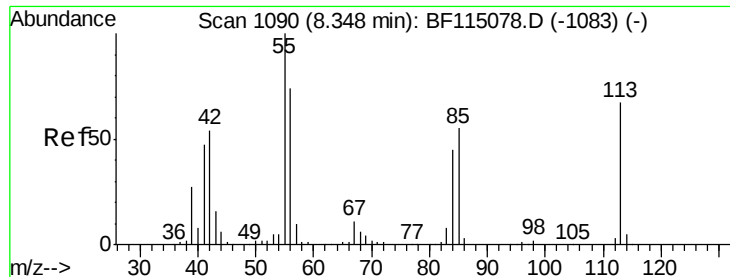
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





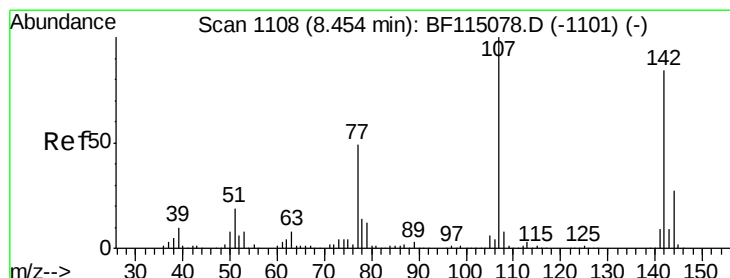
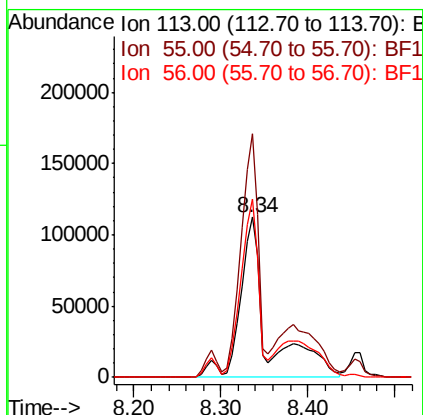
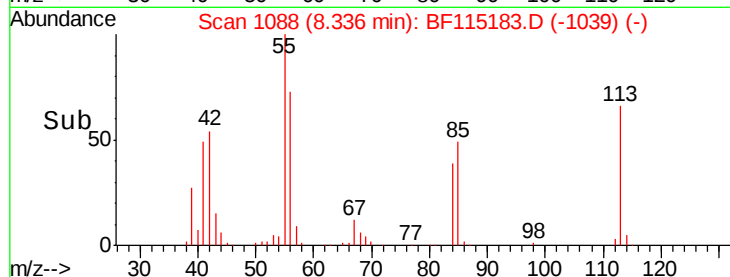
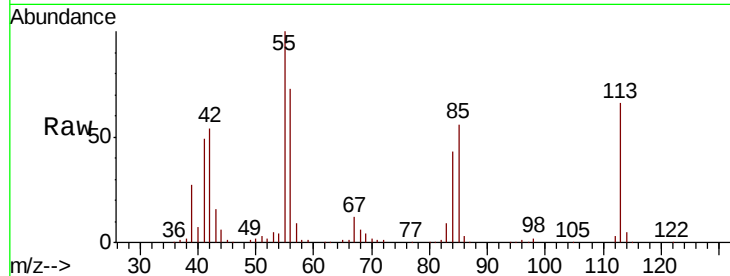
#35
Caprolactam
Concen: 44.532 ng/ml
RT: 8.34 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.0	130.2	170.2
56	111.7	91.6	131.6

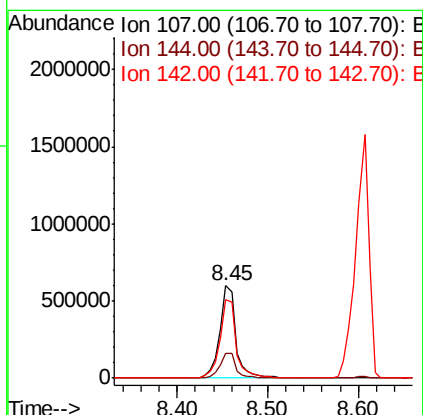
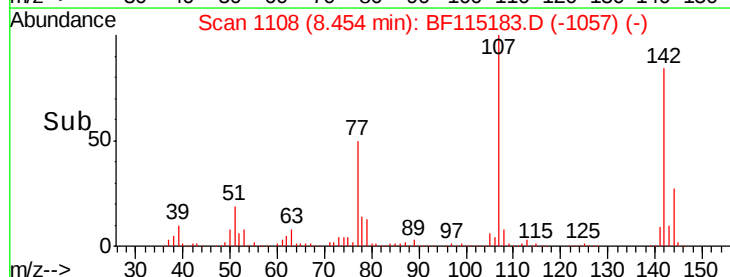
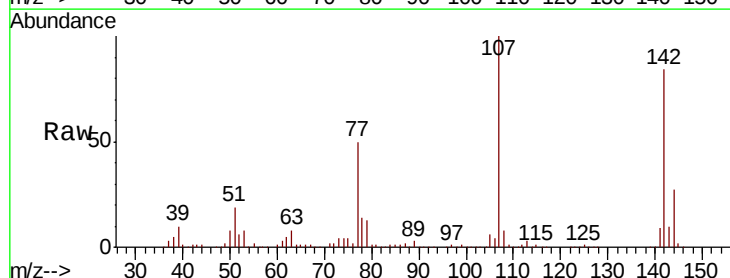
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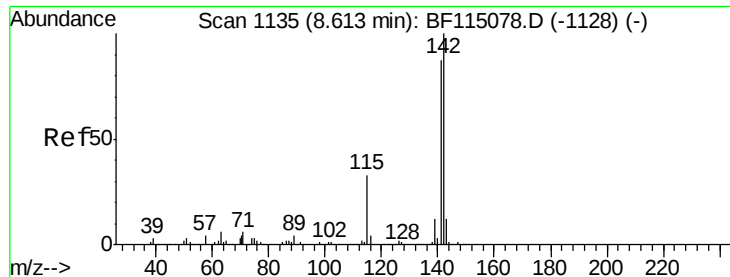
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#36
4-Chloro-3-methylphenol
Concen: 44.419 ng/ml
RT: 8.45 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.7	32.5
142	84.3	67.0	100.4





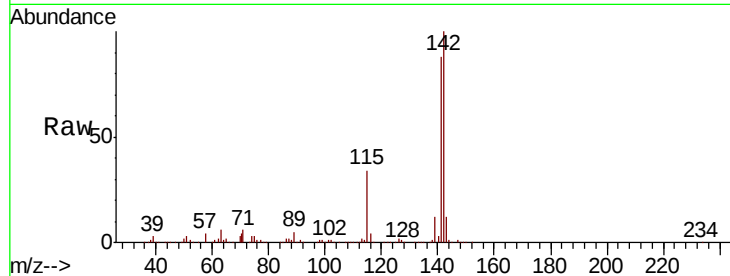
#37
2-Methylnaphthalene
Concen: 43.902 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.8	104.6
115	33.8	26.7	40.1

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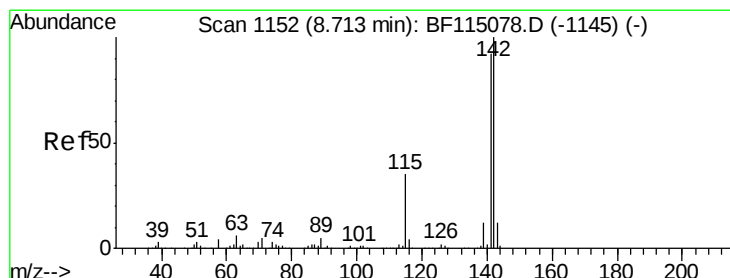
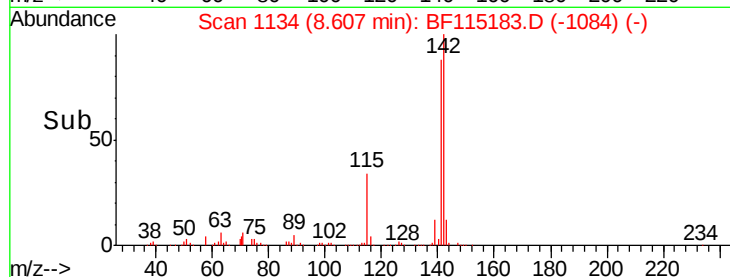
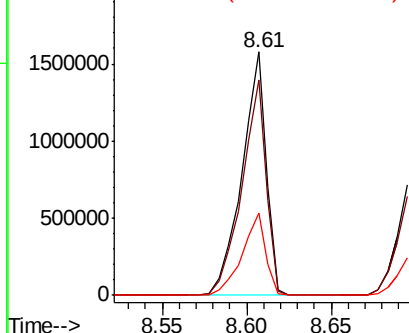


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.770 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

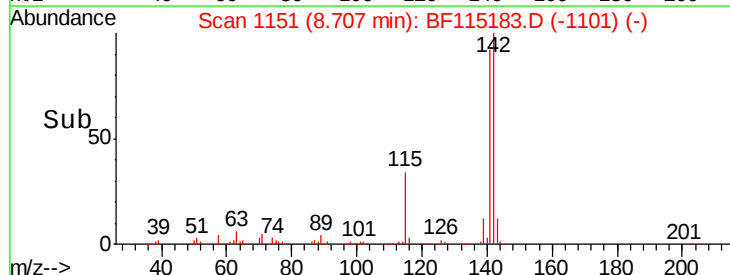
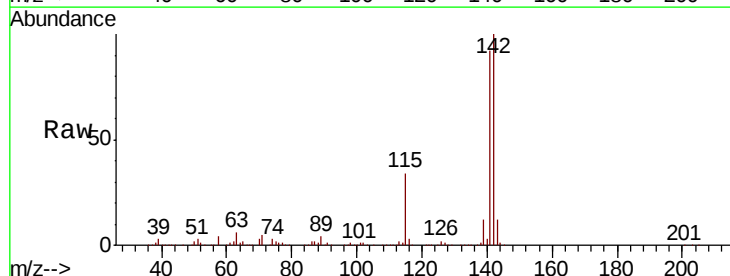
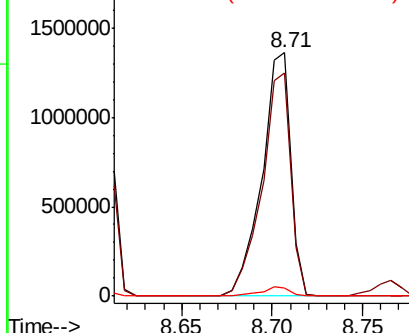
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.8	110.8
116	3.5	2.8	4.2

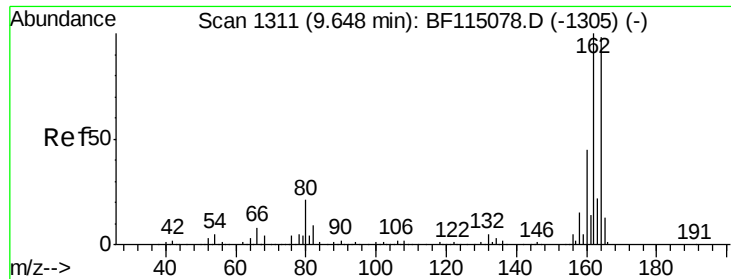
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





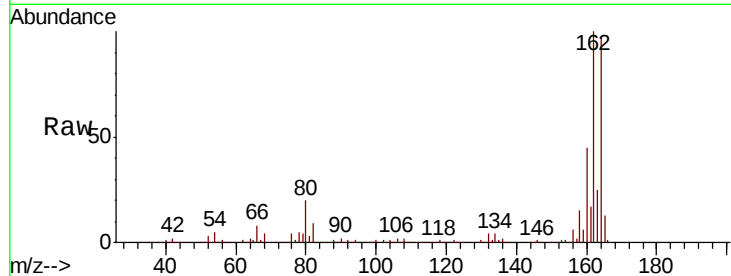
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	81.7	122.5	
160	46.2	37.0	55.4	

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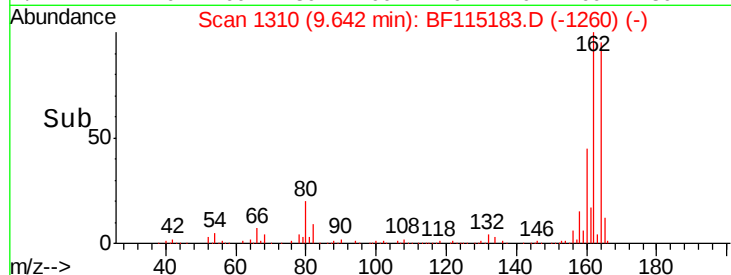
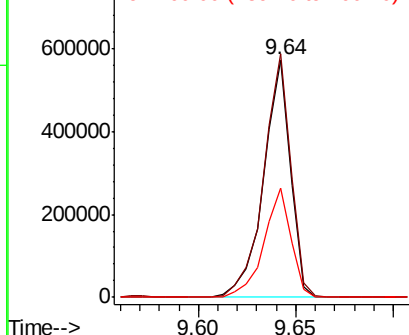


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.134 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.8	95.6	
179	22.1	17.6	26.4	
108	20.3	15.7	23.5	

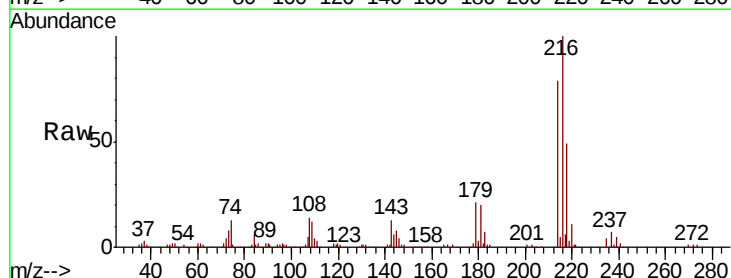
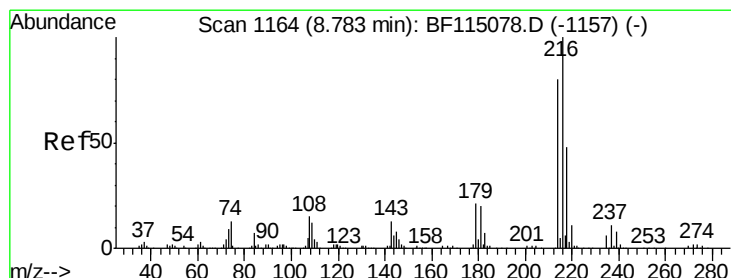
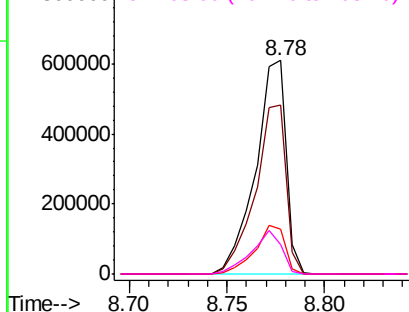
Abundance

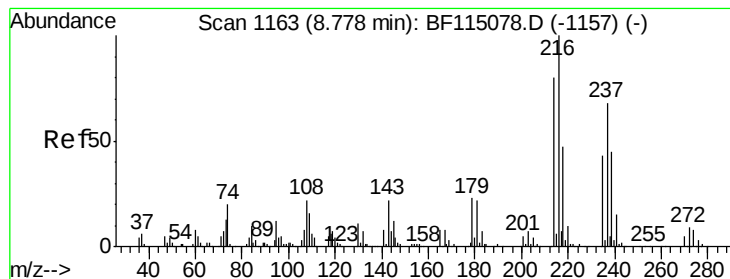
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 75.676 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

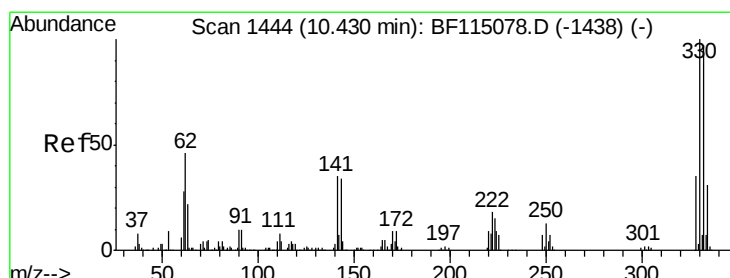
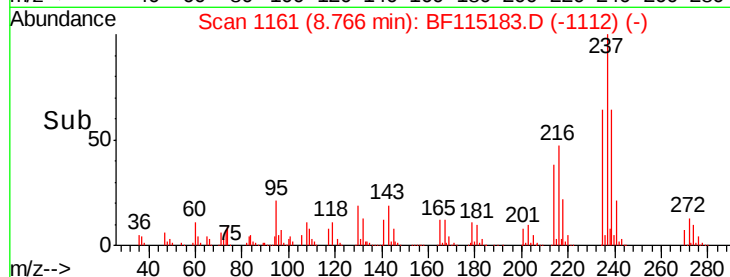
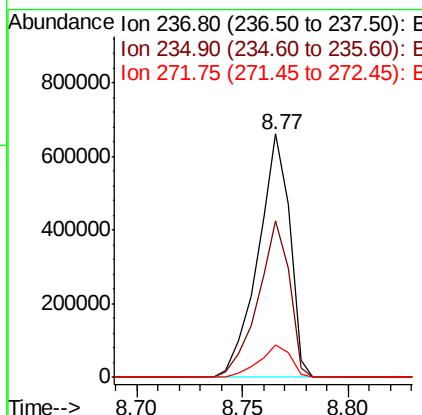
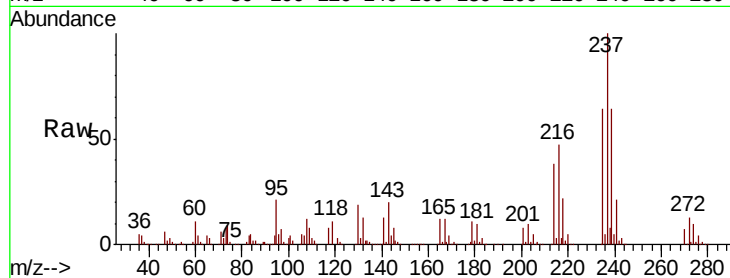
ClientSampleId :

PB120777BS

Tot Ion:	237	Resp:	689901
Ion Ratio	Lower	Upper	
237	100		
235	64.2	43.9	83.9
272	13.1	0.0	33.8

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#42

2,4,6-Tribromophenol

Concen: 123.569 ng

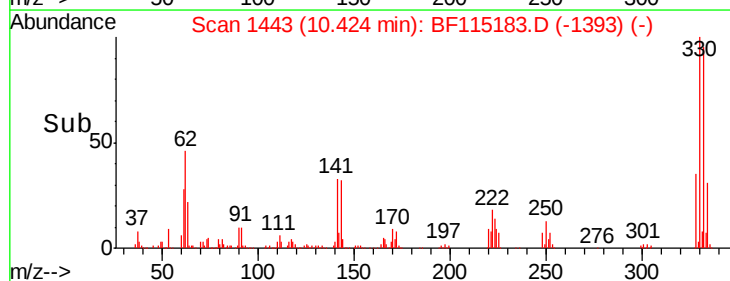
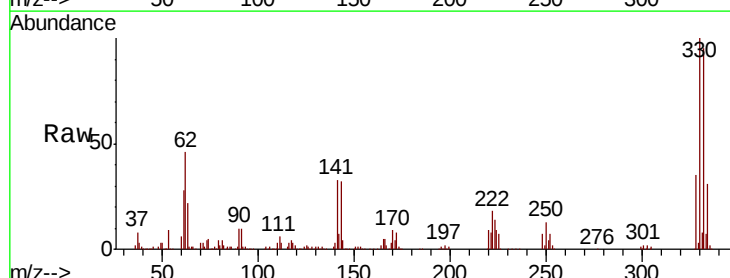
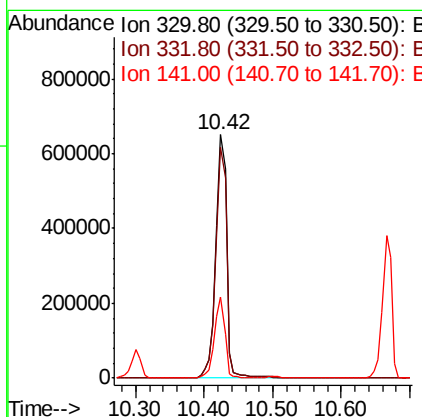
RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Tgt Ion:	330	Resp:	708960
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.3	115.9
141	32.1	28.2	42.2





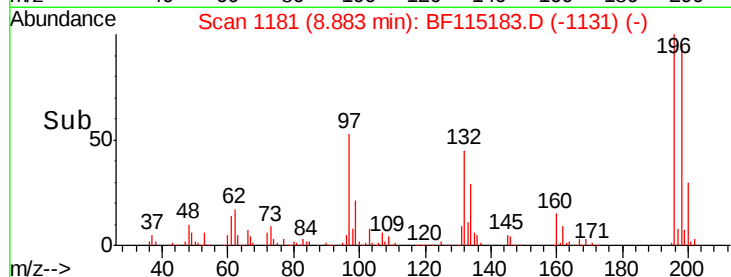
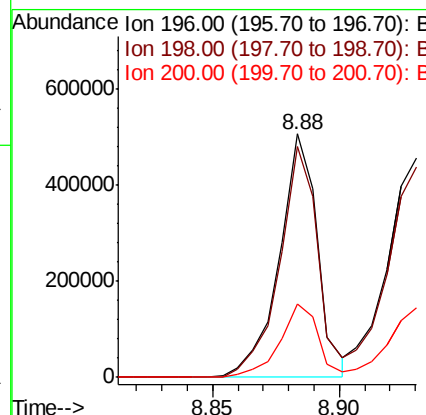
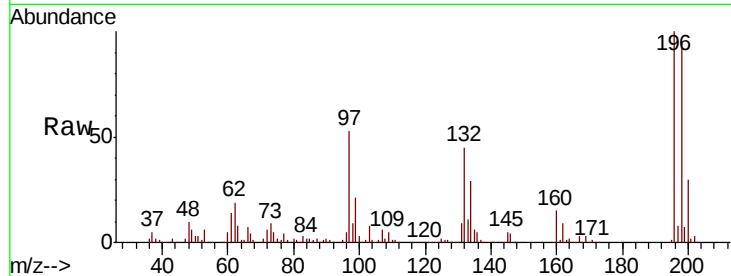
#43
 2,4,6-Trichlorophenol
 Concen: 44.515 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	528371		
198	94.6	76.3	114.5	
200	30.3	24.2	36.4	

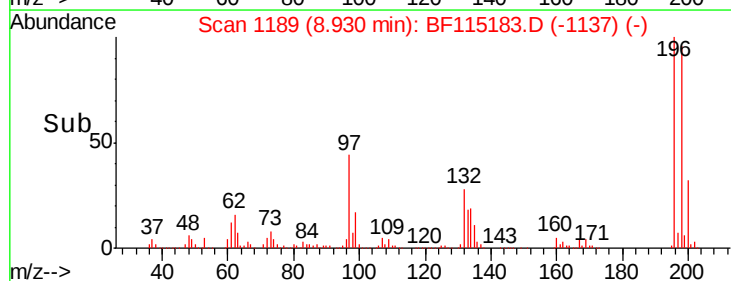
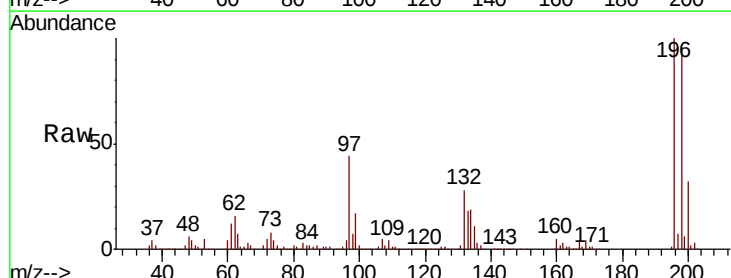
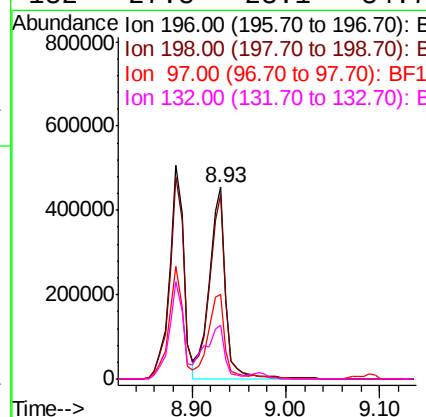
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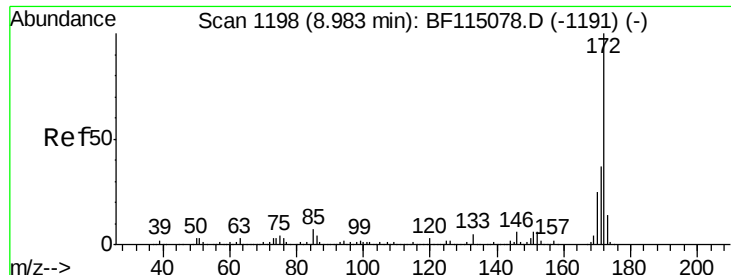
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#44
 2,4,5-Trichlorophenol
 Concen: 45.284 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	553521		
198	96.2	77.1	115.7	
97	43.7	37.7	56.5	
132	27.8	23.1	34.7	





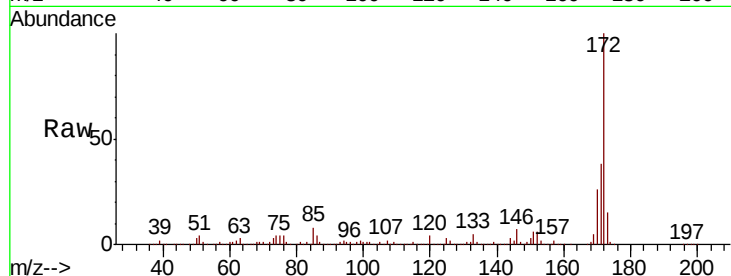
#45
2-Fluorobiphenyl
Concen: 87.655 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.8	44.6
170	25.9	20.3	30.5

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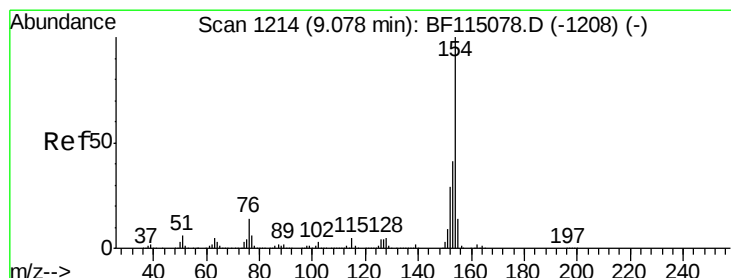
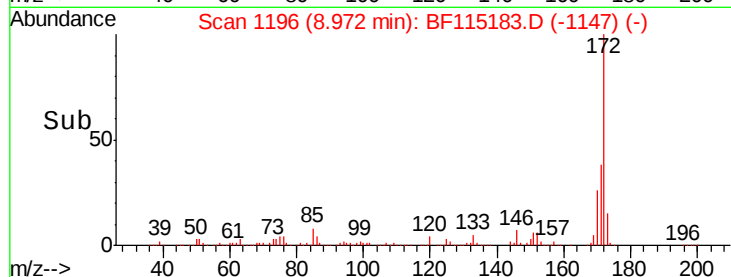
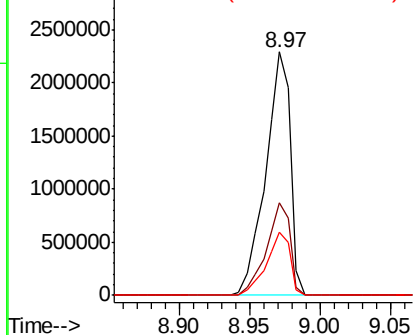


Abundance

Ion 172.00 (171.70 to 172.70): E

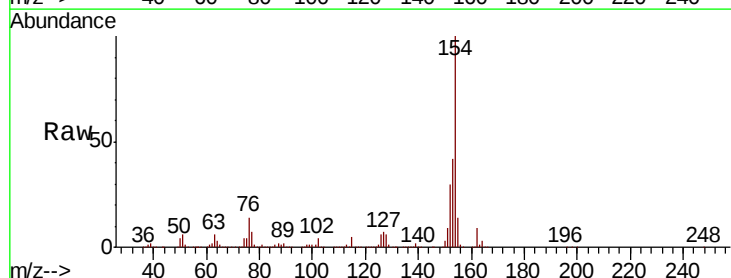
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.481 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.9	60.9
76	13.6	0.0	34.1

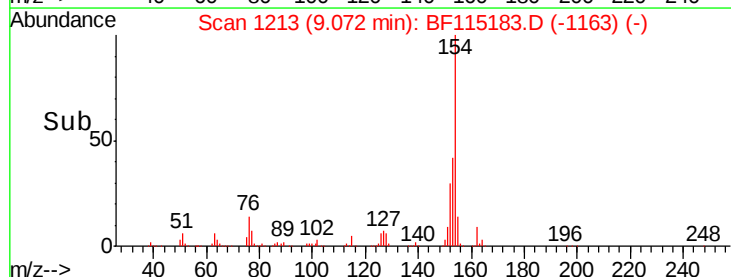
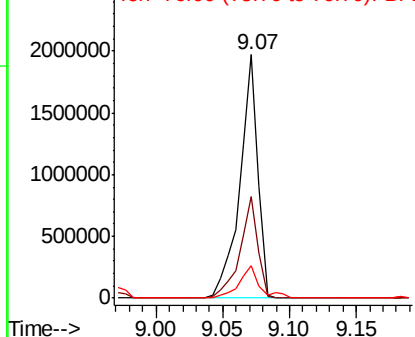


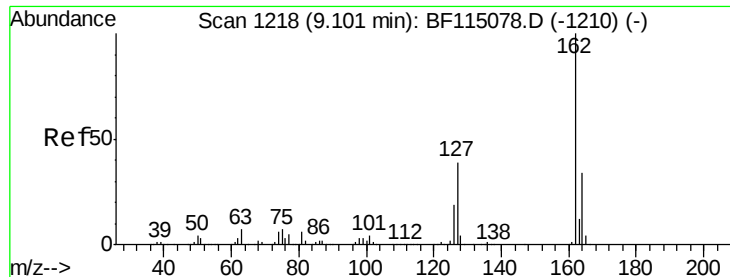
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





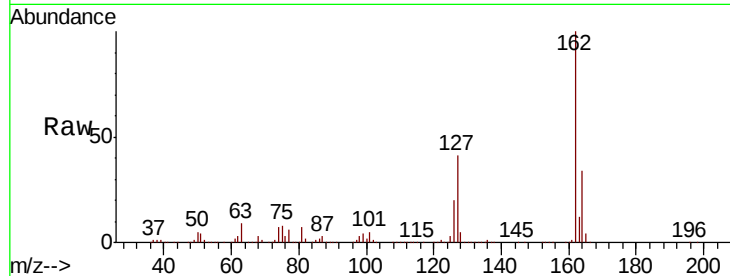
#47
2-Chloronaphthalene
Concen: 41.984 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

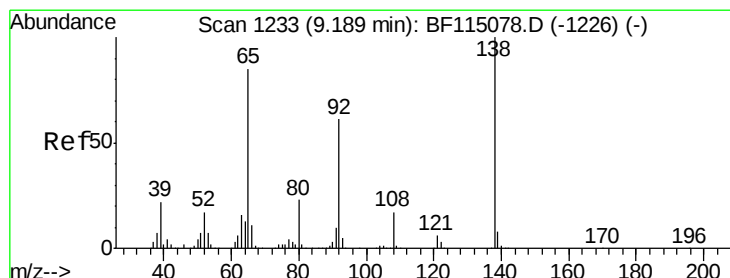
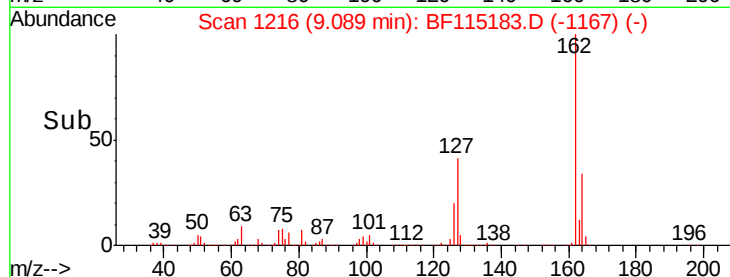
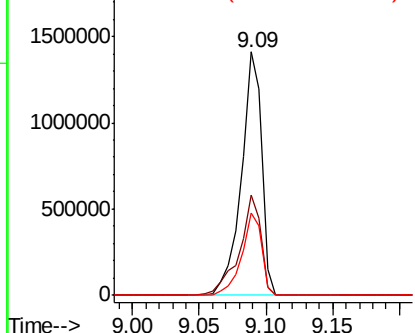
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	30.8	46.2
164	33.9	27.0	40.4

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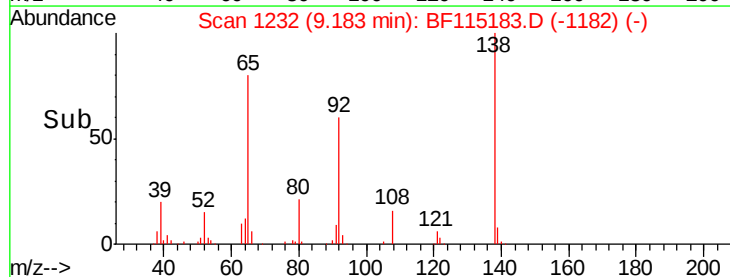
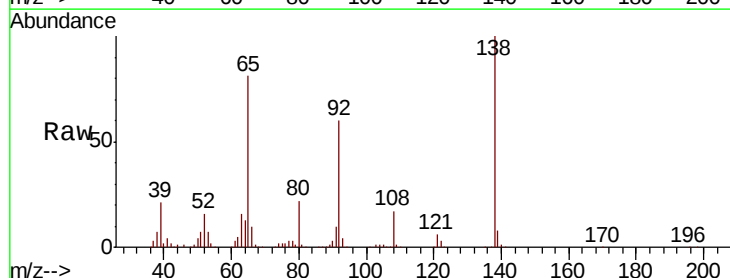
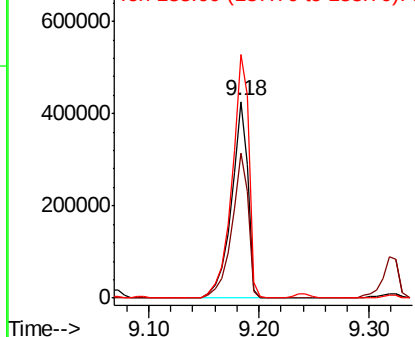
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

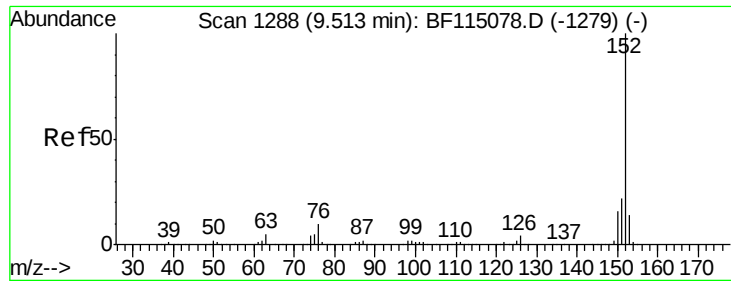


#48
2-Nitroaniline
Concen: 43.195 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	57.4	86.2
138	123.7	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: 42.379 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion:152 Resp: 2331562

Ion Ratio Lower Upper

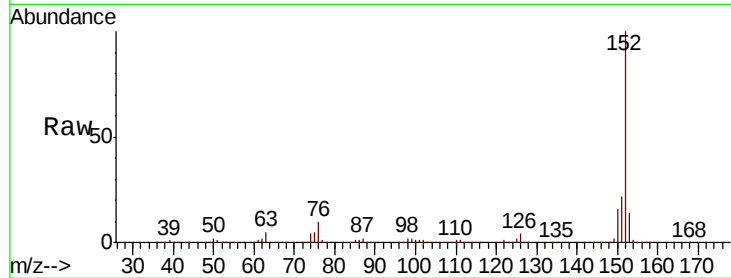
152 100

151 21.6 17.2 25.8

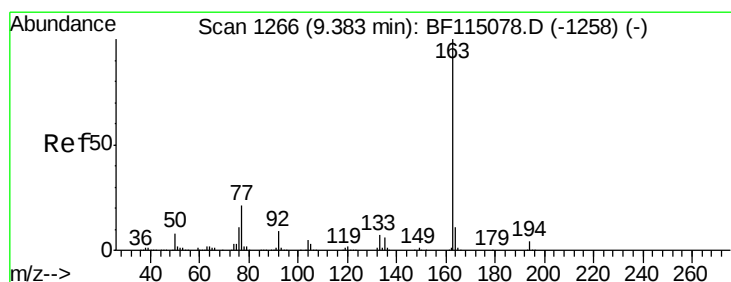
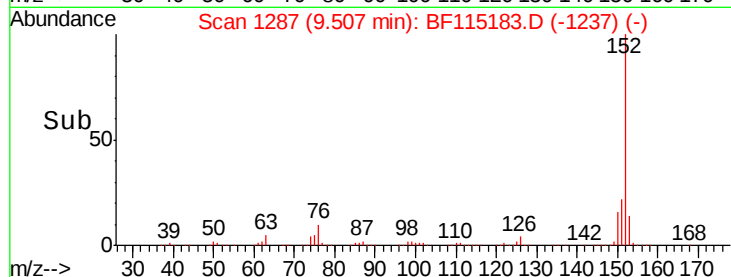
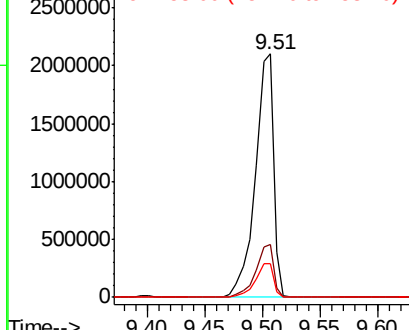
153 13.9 11.0 16.6

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



#50

Dimethylphthalate

Concen: 42.917 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

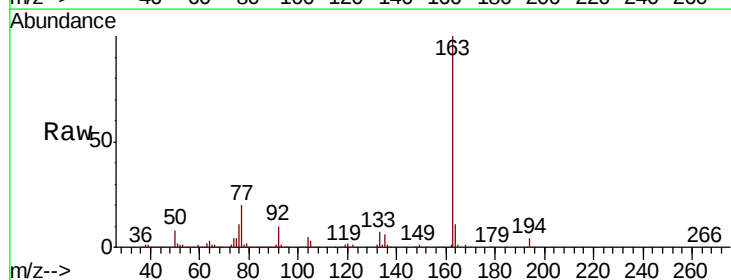
Tgt Ion:163 Resp: 1717882

Ion Ratio Lower Upper

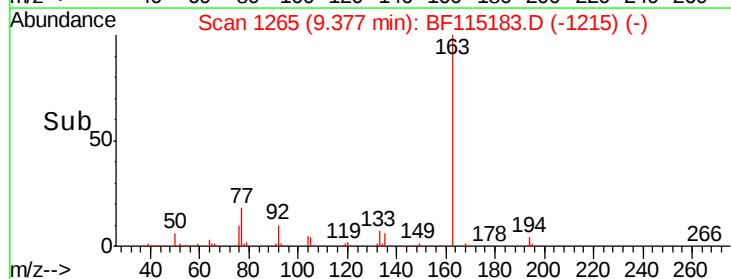
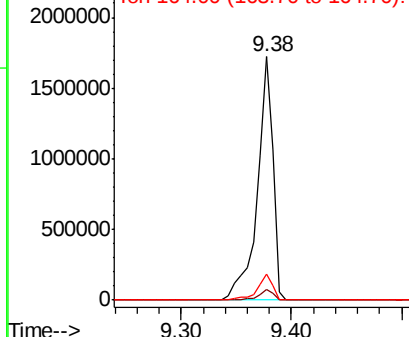
163 100

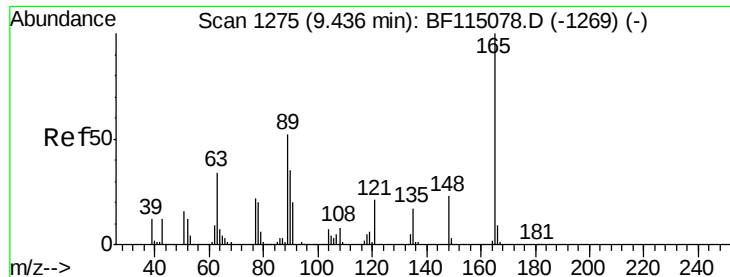
194 4.2 3.2 4.8

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: 44.105 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion:165 Resp: 407586
Ion Ratio Lower Upper

165 100

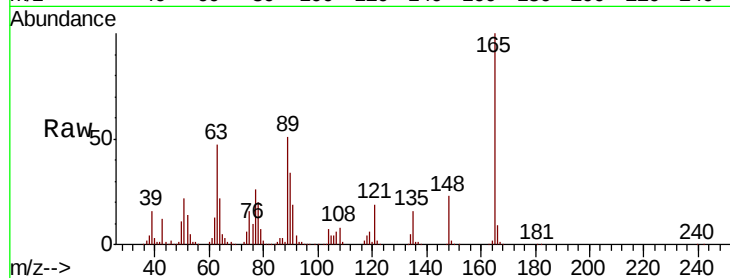
63 47.2 39.4 59.2

89 51.0 42.0 63.0

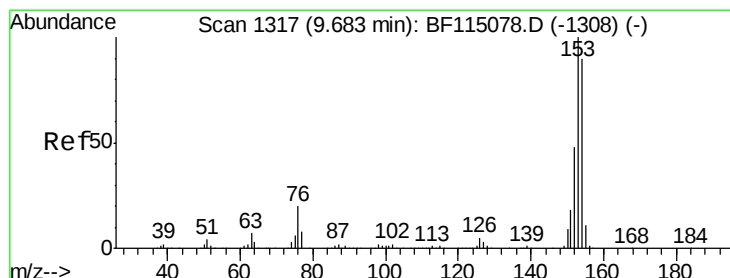
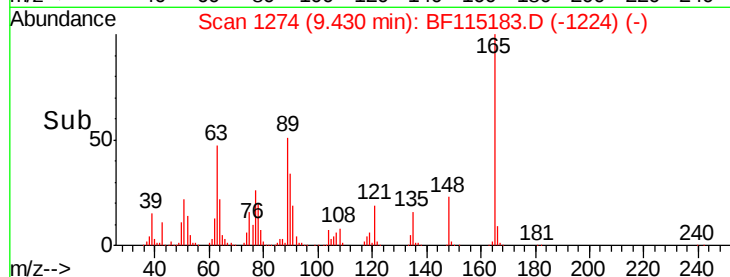
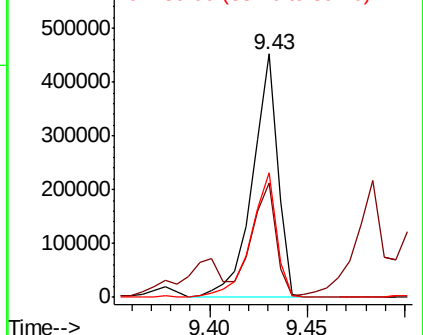
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.141 ng

RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF115183.D

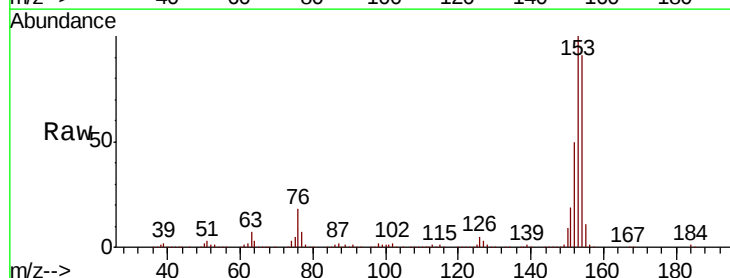
Acq: 25 Jun 2019 13:20

Tgt Ion:154 Resp: 1381950
Ion Ratio Lower Upper

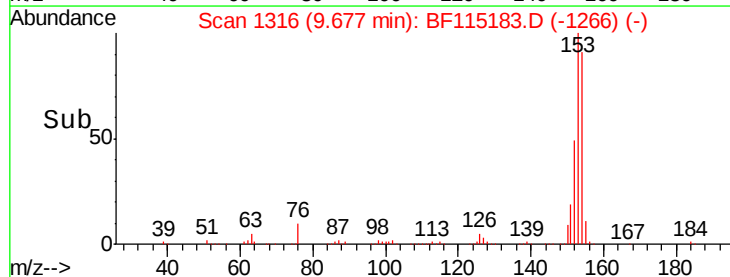
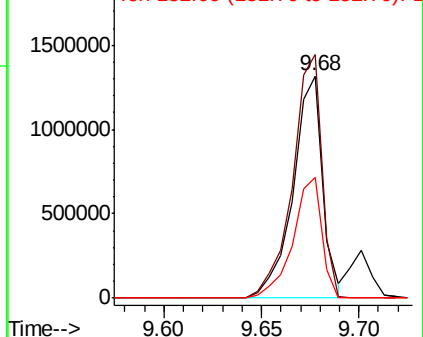
154 100

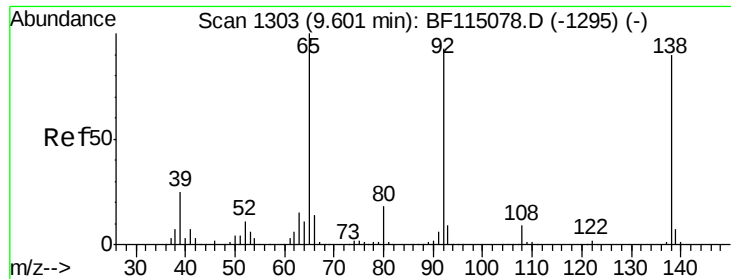
153 109.6 88.7 133.1

152 54.3 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





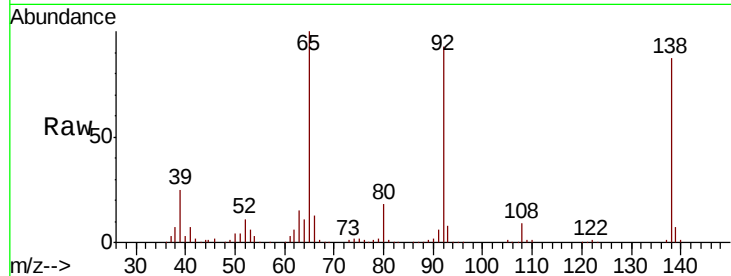
#53
3-Nitroaniline
Concen: 27.343 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.6
92	106.5	82.9	124.3

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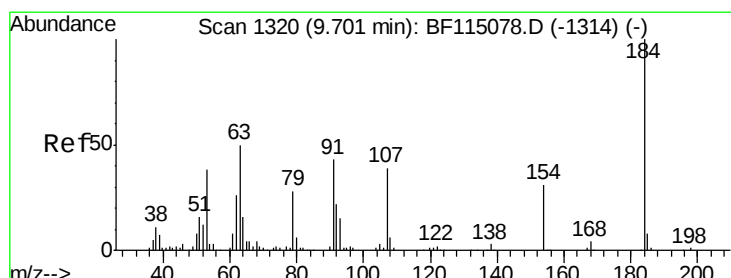
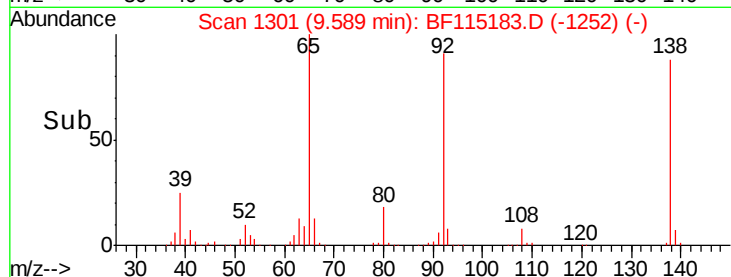
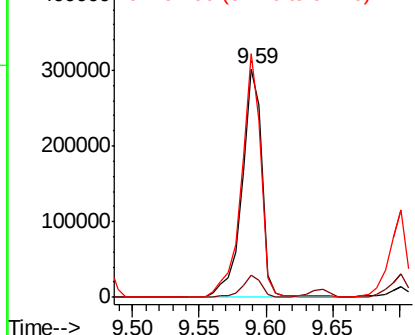


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 92.459 ng
RT: 9.70 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

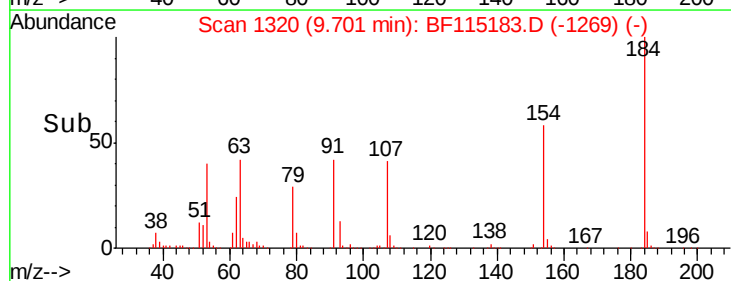
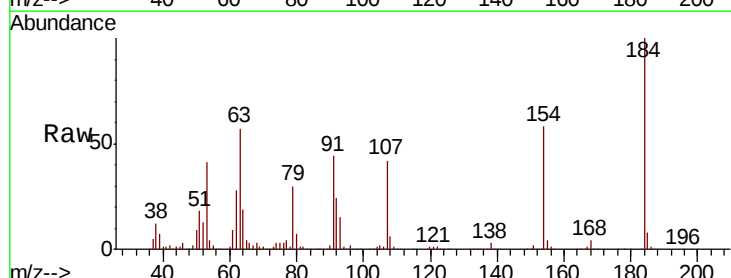
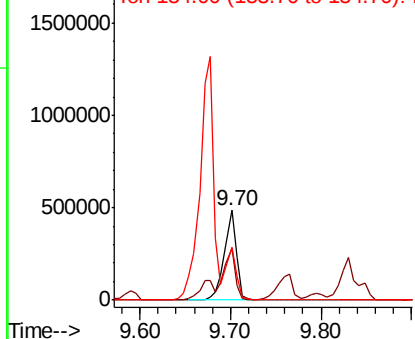
Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.0	41.9	62.9
154	58.4	44.7	67.1

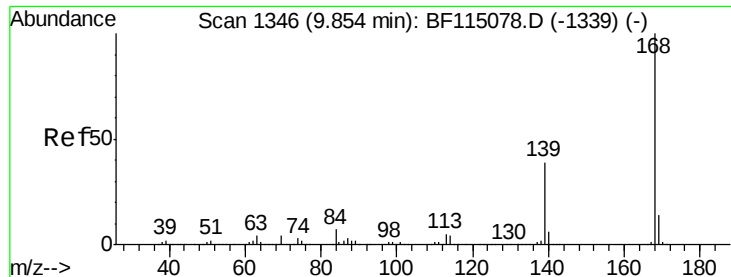
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





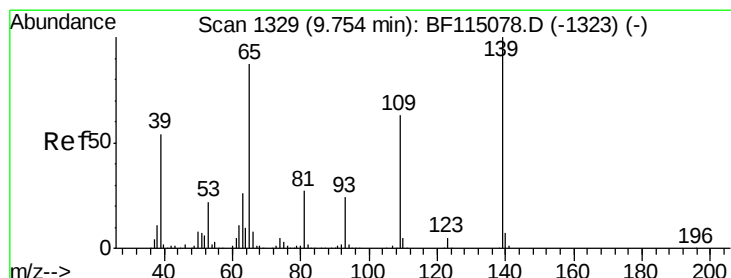
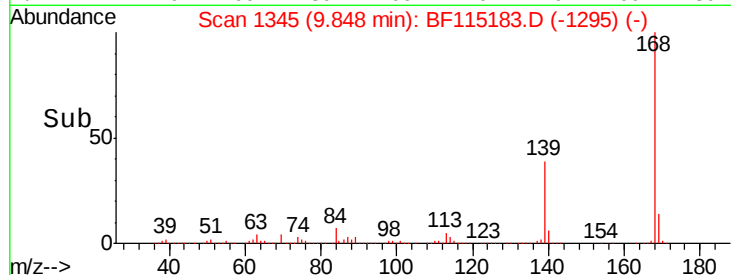
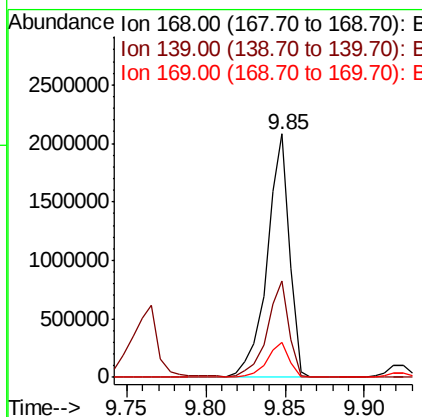
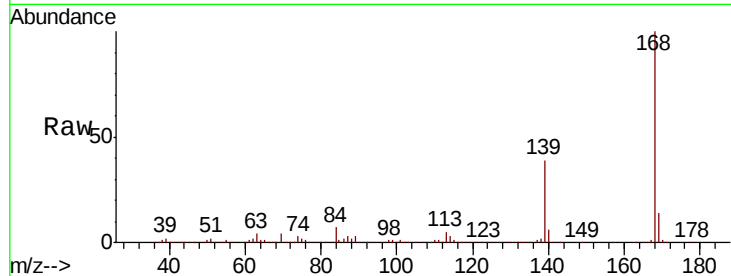
#55
Dibenzofuran
Concen: 41.547 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion:168 Resp: 2052947
Ion Ratio Lower Upper
168 100
139 39.4 31.1 46.7
169 14.4 11.3 16.9

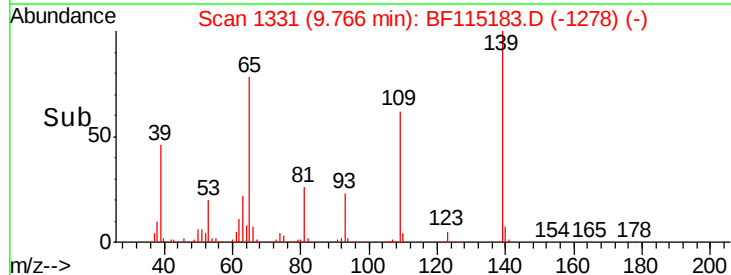
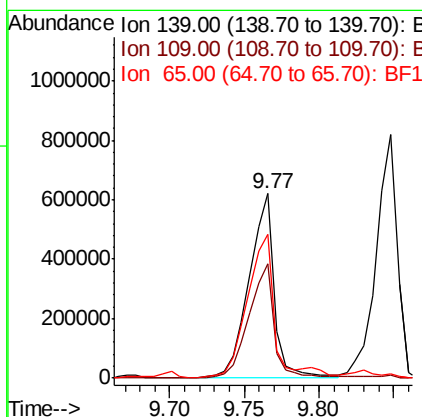
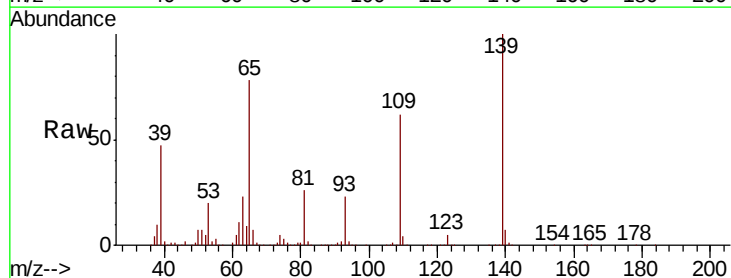
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#56
4-Nitrophenol
Concen: 80.708 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion:139 Resp: 729691
Ion Ratio Lower Upper
139 100
109 61.9 43.0 83.0
65 78.4 67.0 107.0





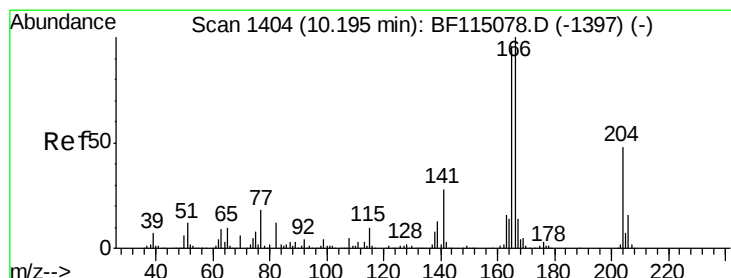
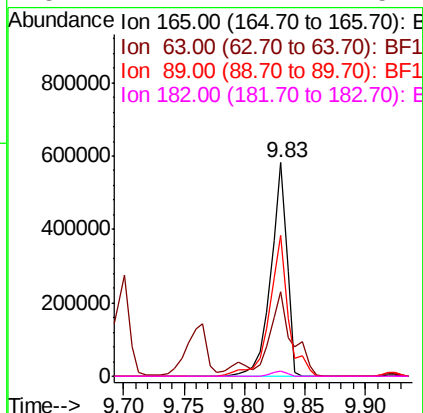
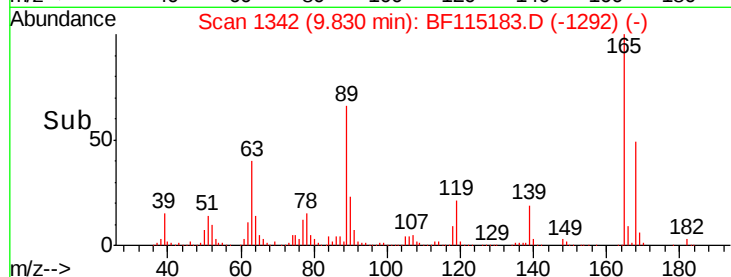
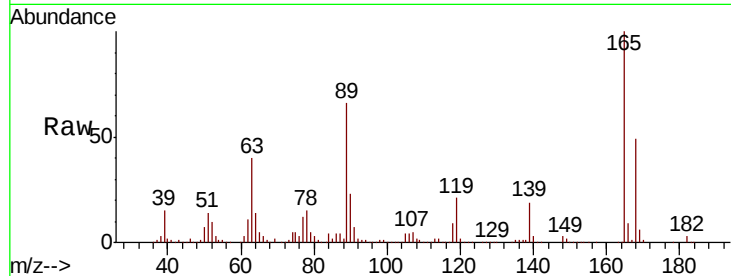
#57
2,4-Dinitrotoluene
Concen: 45.608 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		544217		
63	39.8	27.5	41.3		
89	66.0	49.9	74.9		
182	2.7	2.1	3.1		

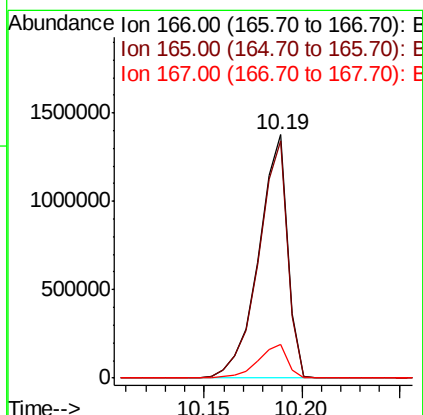
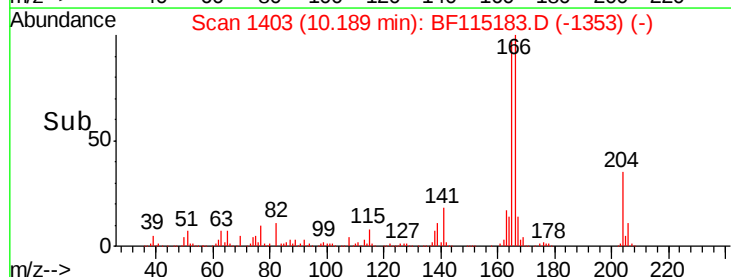
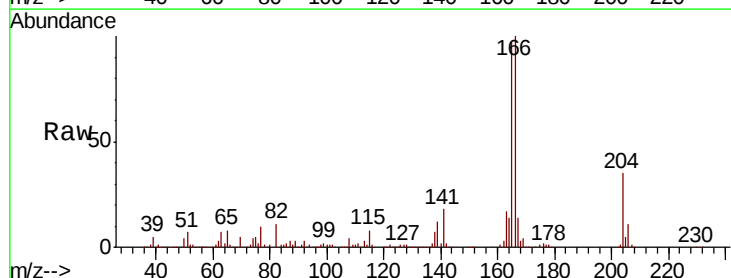
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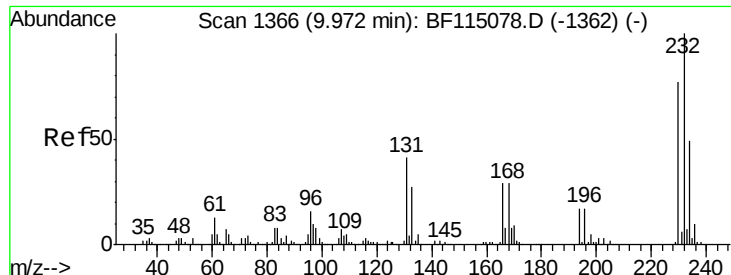
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#58
Fluorene
Concen: 42.705 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1415986		
165	97.4	76.5	114.7		
167	13.7	11.0	16.4		





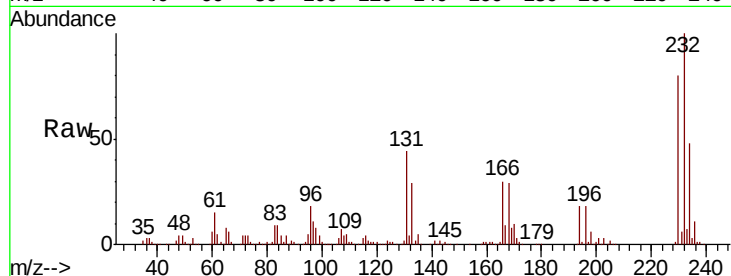
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.765 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

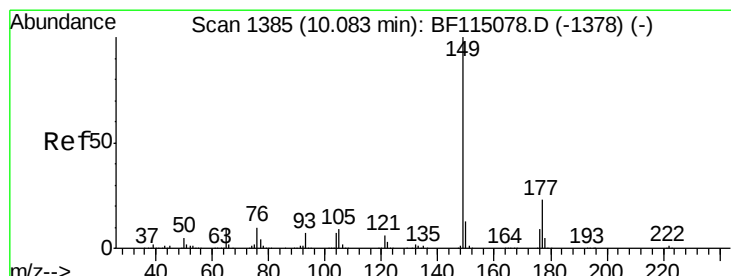
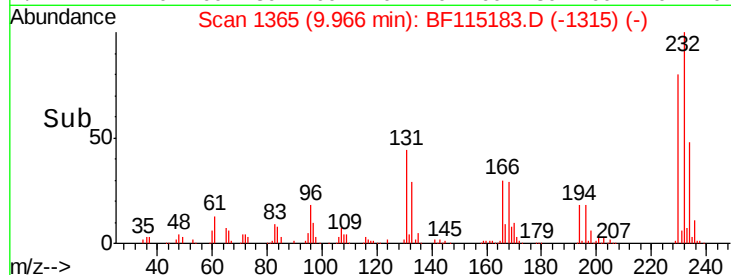
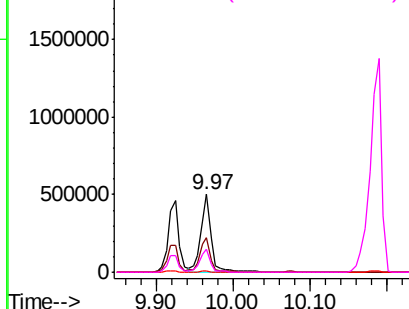
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		479318		
131	45.6	37.4	56.0		
130	2.2	1.8	2.6		
166	29.4	24.6	36.8		

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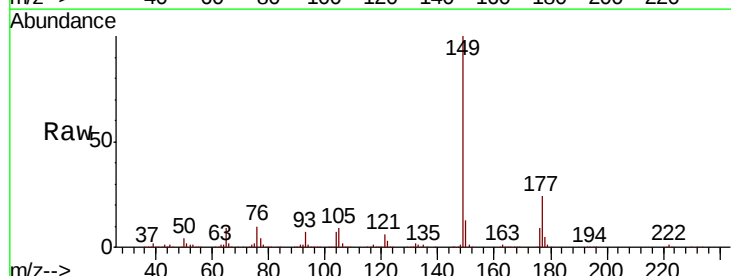


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

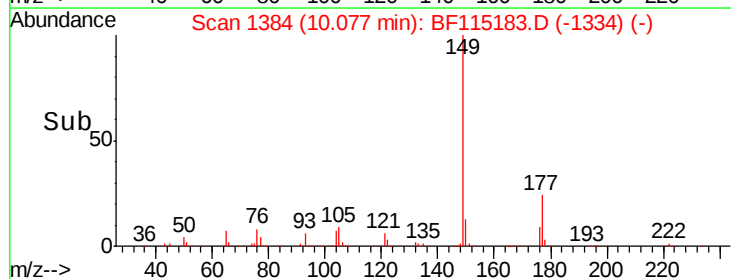
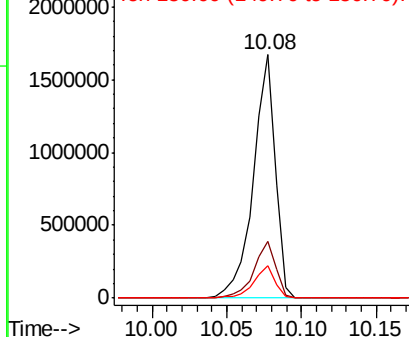


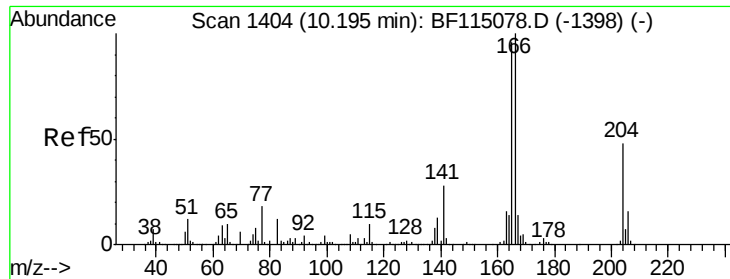
#60
 Diethylphthalate
 Concen: 41.945 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1687741		
177	23.5	18.7	28.1		
150	13.2	10.4	15.6		



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





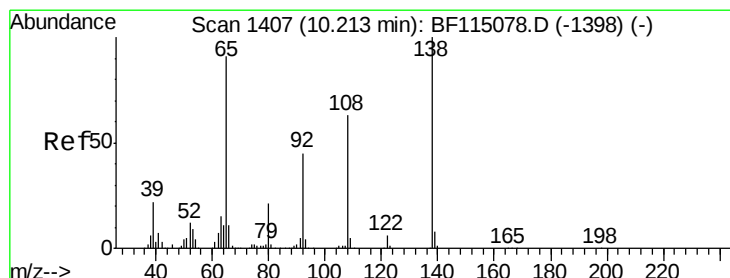
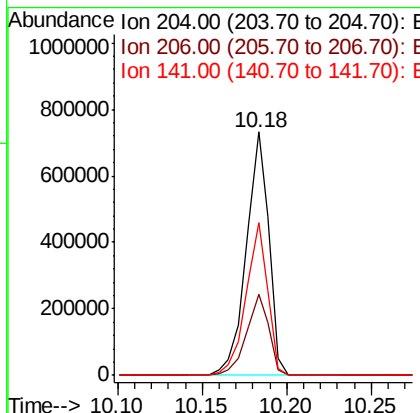
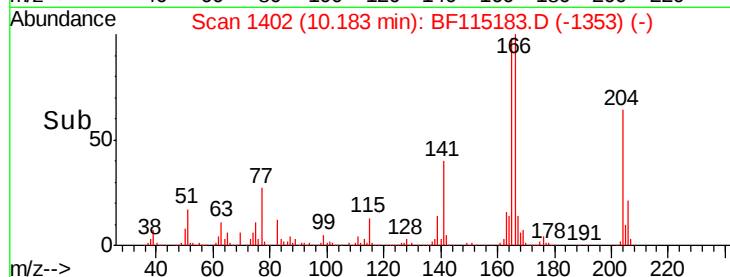
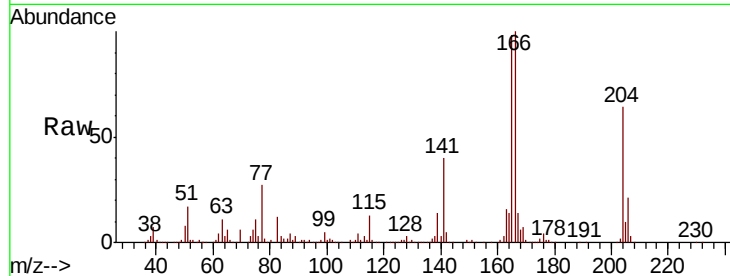
#61
4-Chlorophenyl-phenylether
Concen: 43.660 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleID :
PB120777BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	40.0
141	62.5	46.7	70.1

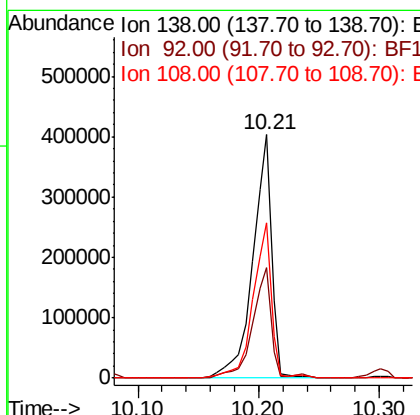
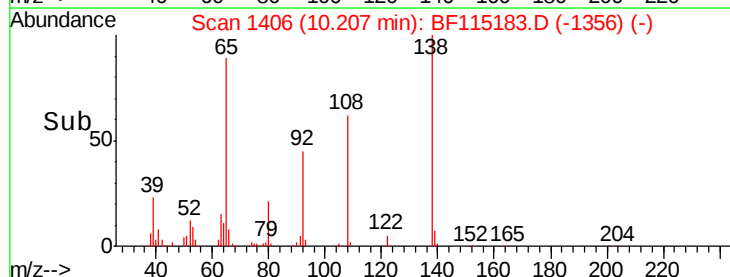
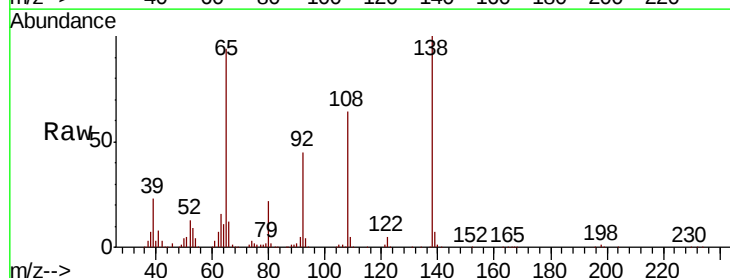
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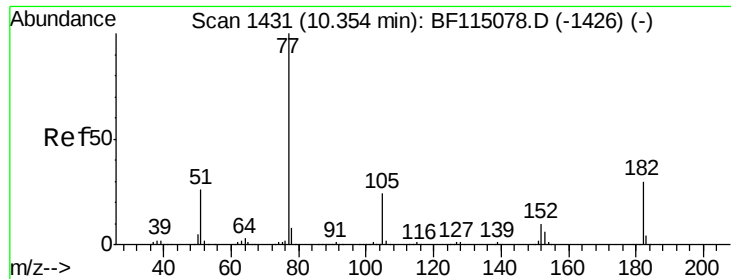
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#62
4-Nitroaniline
Concen: 38.963 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.5	24.8	64.8
108	64.0	43.3	83.3





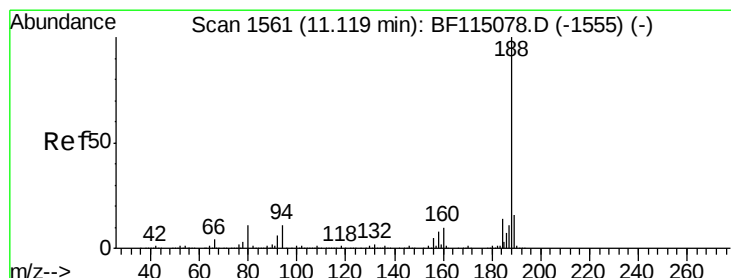
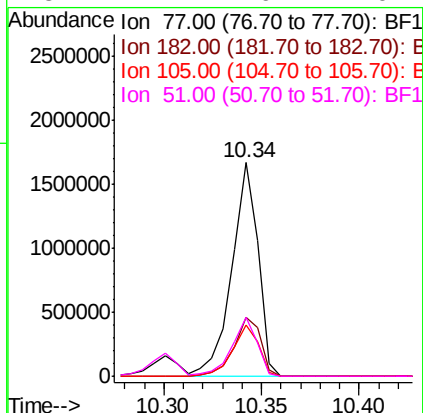
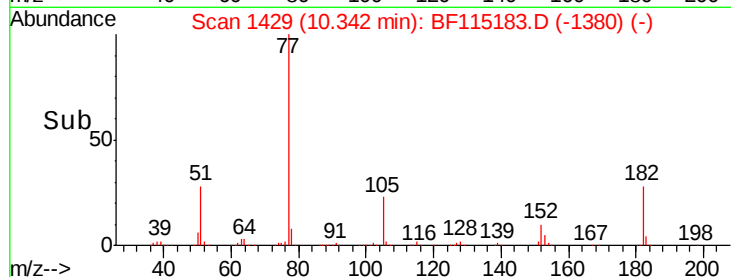
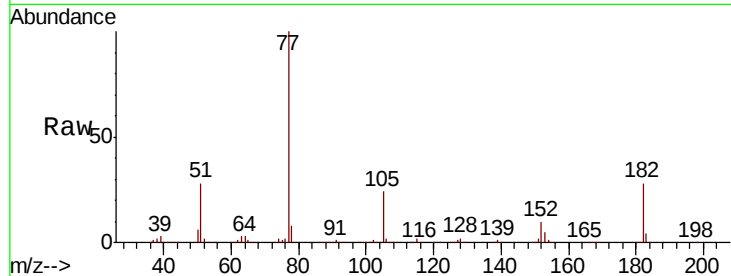
#63
Azobenzene
Concen: 41.228 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	10.1	50.1
105	23.7	4.5	44.5
51	27.7	6.4	46.4

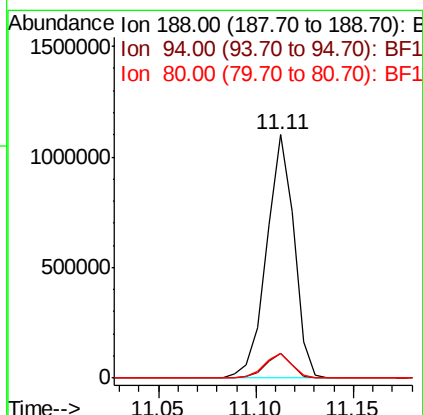
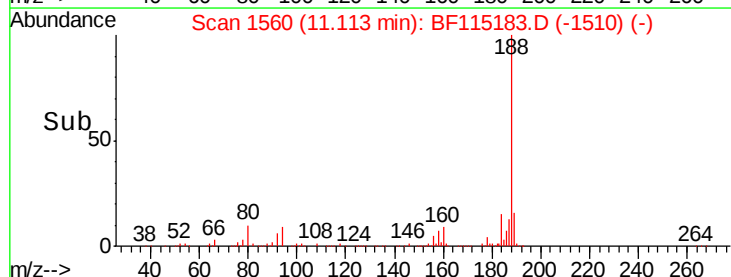
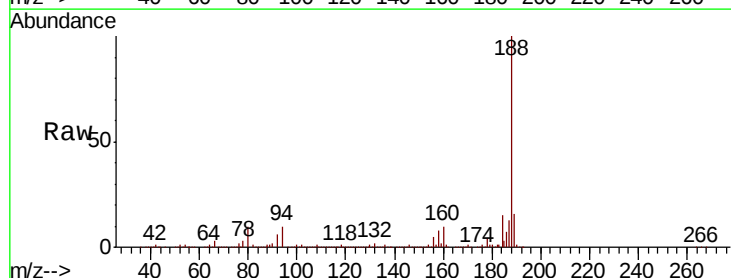
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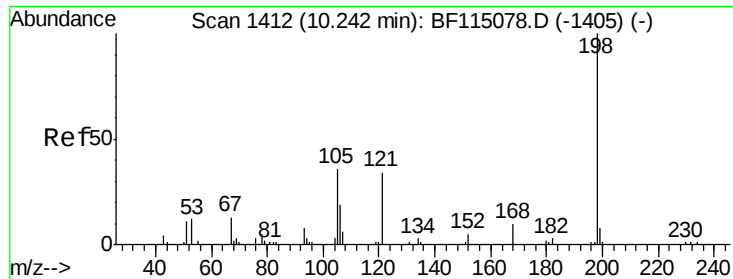
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.6	12.8
80	10.2	8.8	13.2





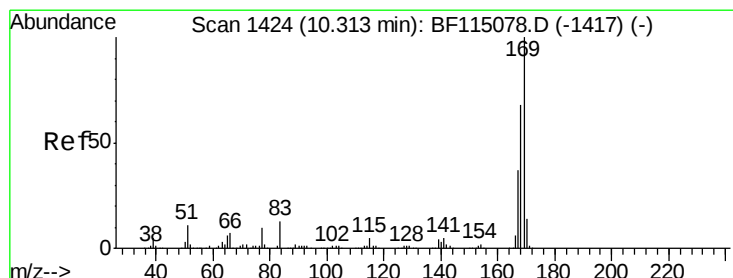
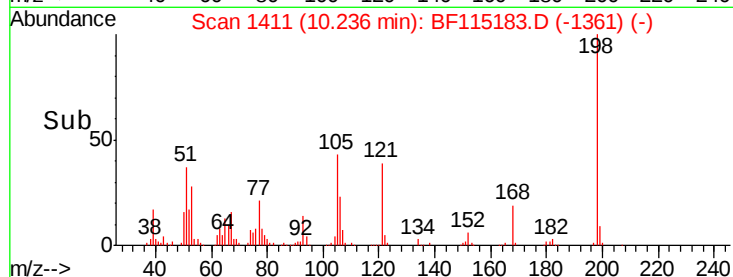
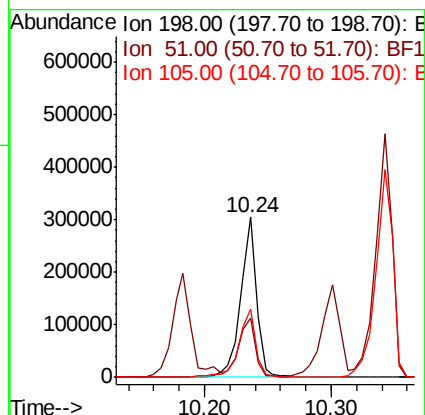
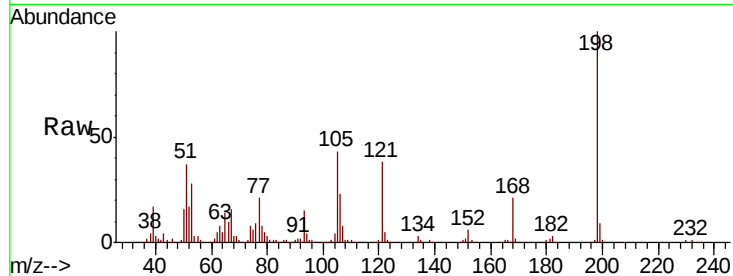
#65
4,6-Dinitro-2-methylphenol
Concen: 46.325 ng
RT: 10.24 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	263256		
51	36.7		11.0	51.0
105	42.8		17.3	57.3

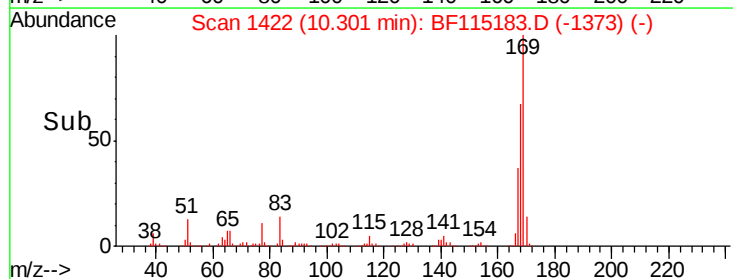
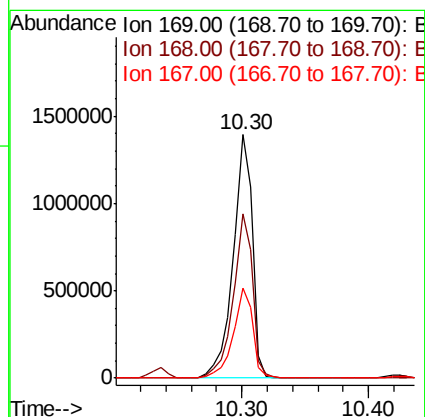
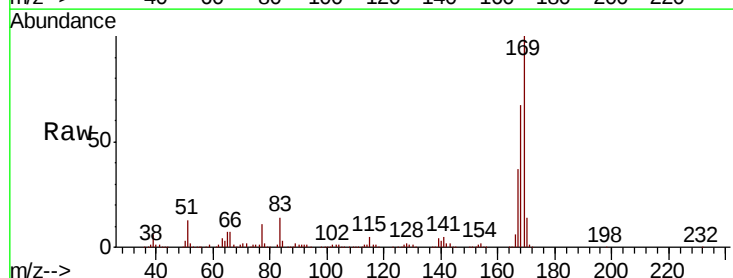
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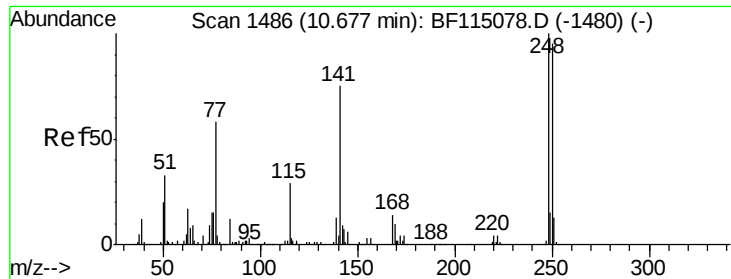
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#66
n-Nitrosodiphenylamine
Concen: 42.932 ng
RT: 10.30 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1434517		
168	67.4		54.2	81.4
167	37.2		29.4	44.0





#67

4-Bromophenyl-phenylether

Concen: 42.236 ng

RT: 10.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

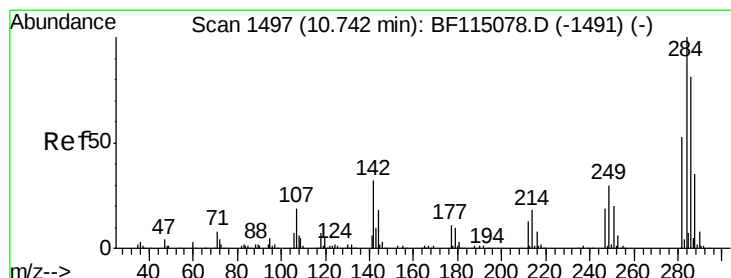
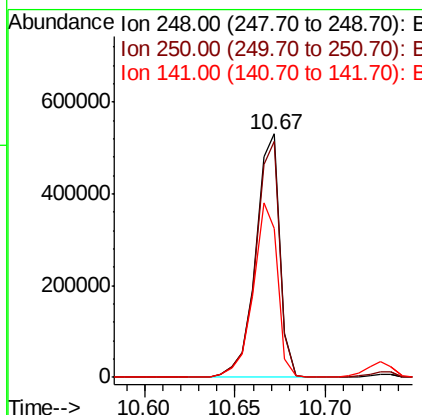
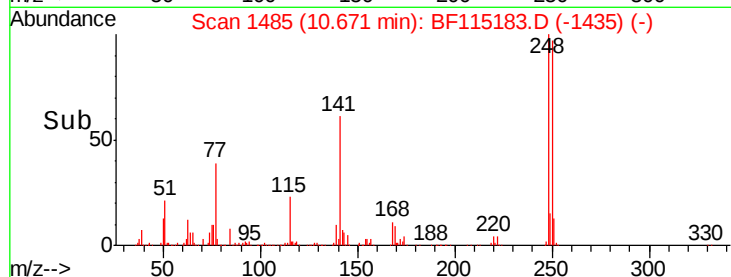
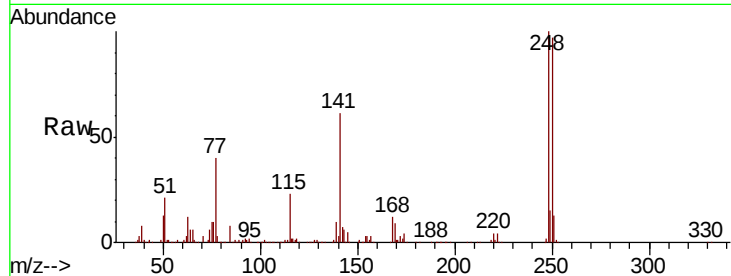
ClientSampleId :

PB120777BS

Tot Ion:	248	Resp:	491121
Ion Ratio	Lower	Upper	
248	100		
250	96.9	76.2	114.2
141	61.1	59.6	89.4

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#68

Hexachlorobenzene

Concen: 42.893 ng

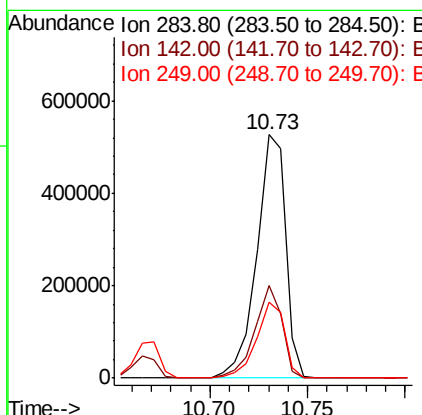
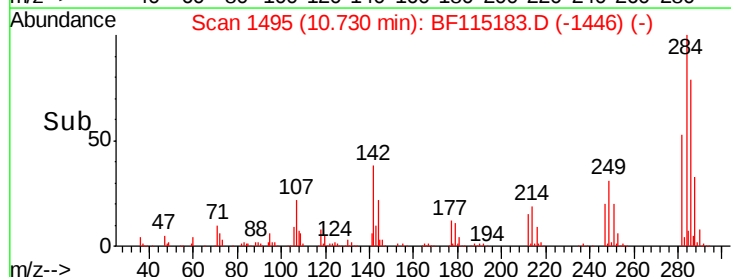
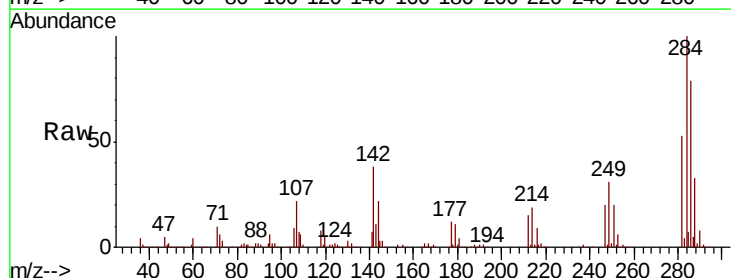
RT: 10.73 min Scan# 1495

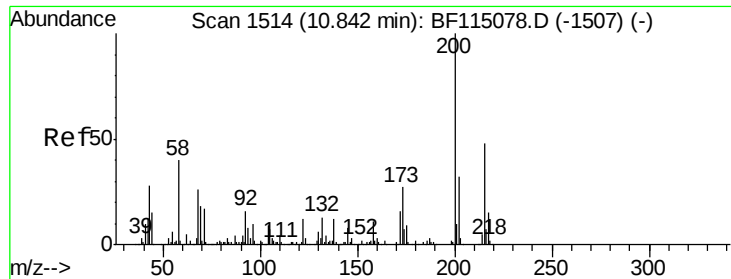
Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Tgt Ion:	284	Resp:	541382
Ion Ratio	Lower	Upper	
284	100		
142	38.1	25.8	38.8
249	31.1	24.2	36.4





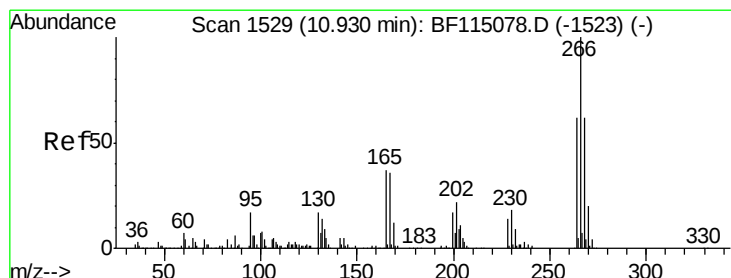
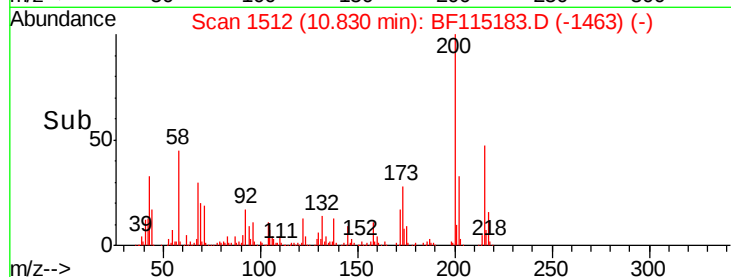
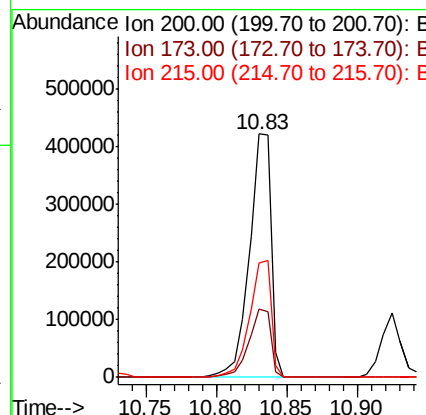
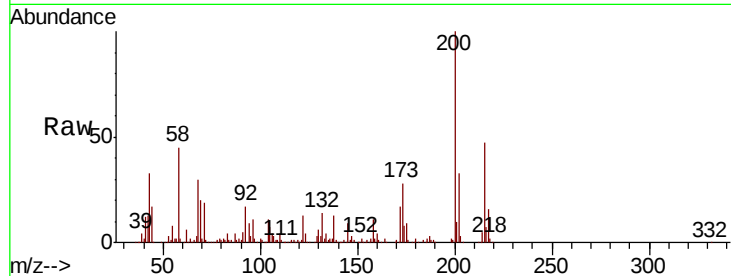
#69
Atrazine
Concen: 42.389 ng
RT: 10.83 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampled :
PB120777BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	455618		
173	28.3	7.4	47.4	
215	47.1	27.8	67.8	

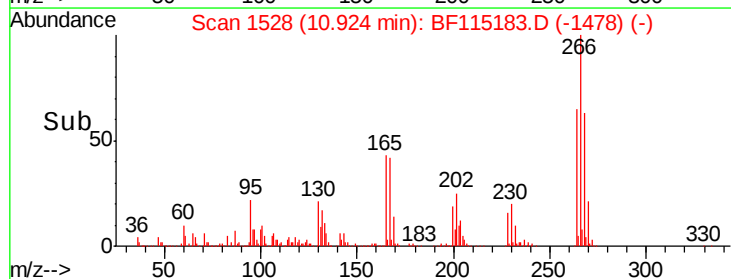
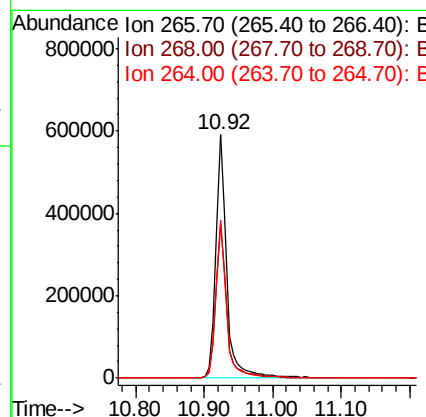
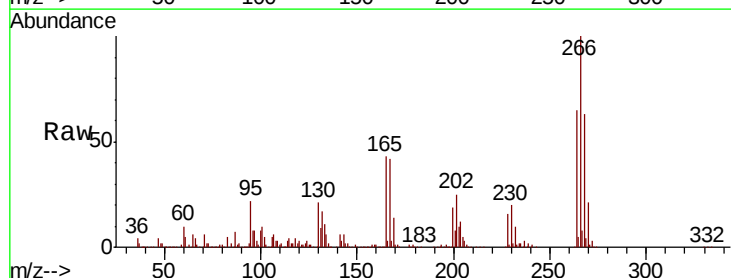
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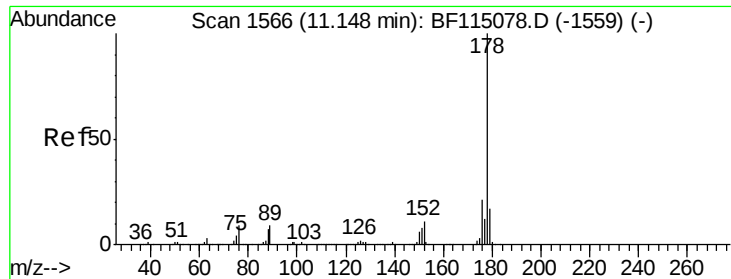
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#70
Pentachlorophenol
Concen: 82.655 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	664616		
268	63.3	49.5	74.3	
264	64.7	49.3	73.9	





#71

Phenanthrene

Concen: 40.067 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion:178 Resp: 2313662

Ion Ratio Lower Upper

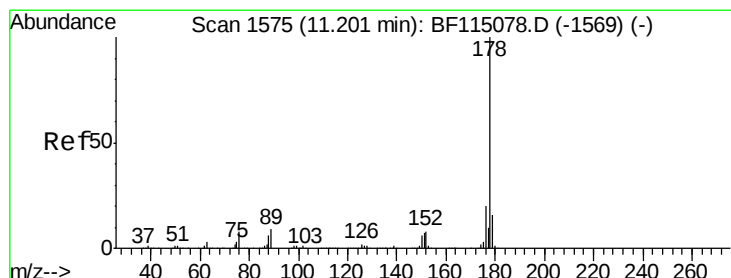
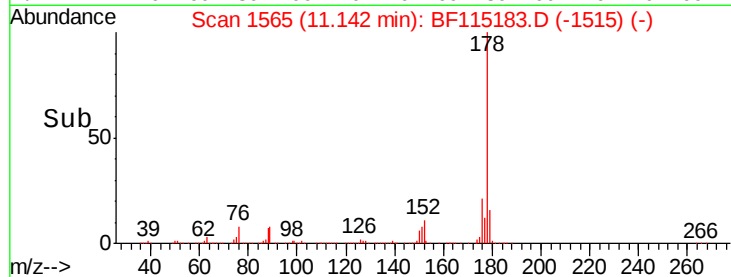
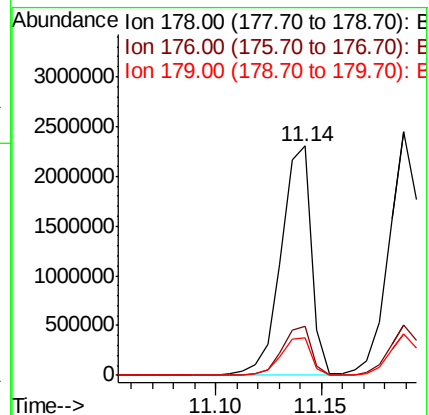
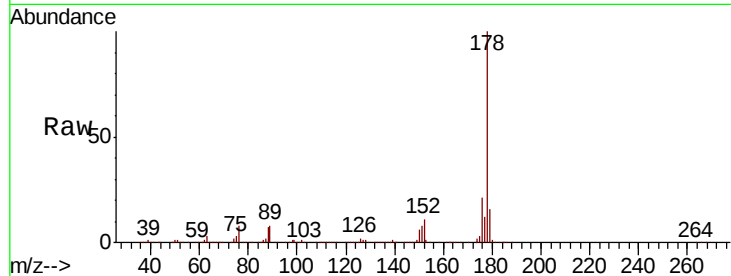
178 100

176 21.4 16.9 25.3

179 16.2 13.2 19.8

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#72

Anthracene

Concen: 40.539 ng

RT: 11.19 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

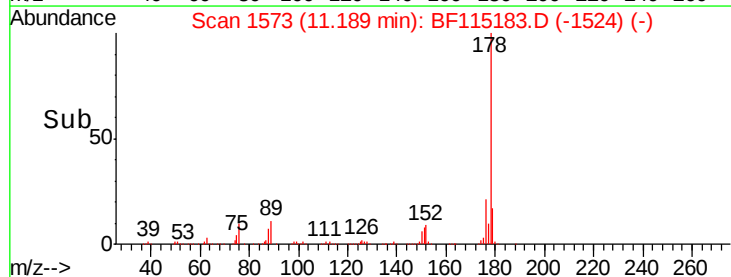
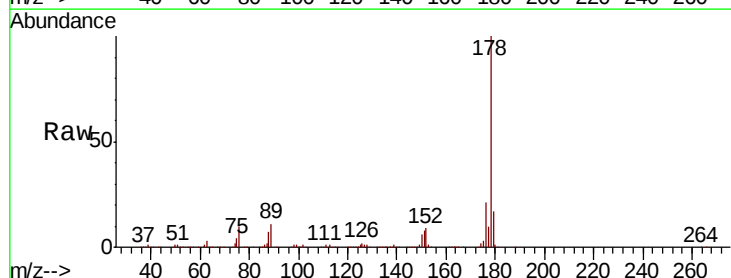
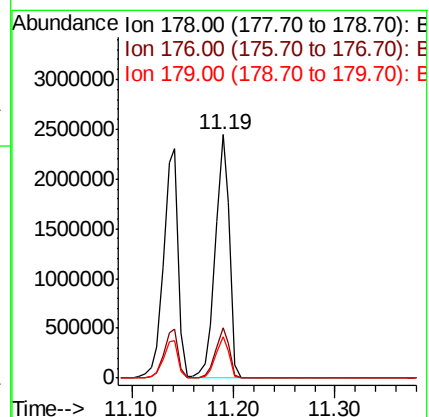
Tgt Ion:178 Resp: 2363010

Ion Ratio Lower Upper

178 100

176 20.7 16.1 24.1

179 16.8 12.9 19.3





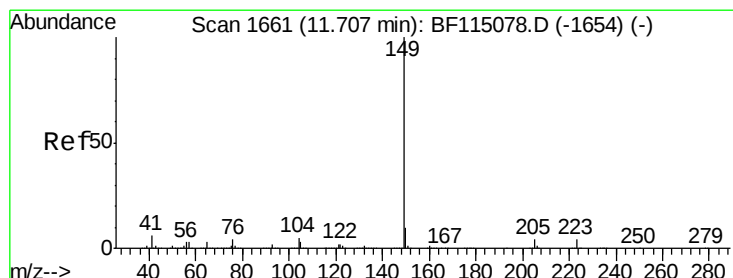
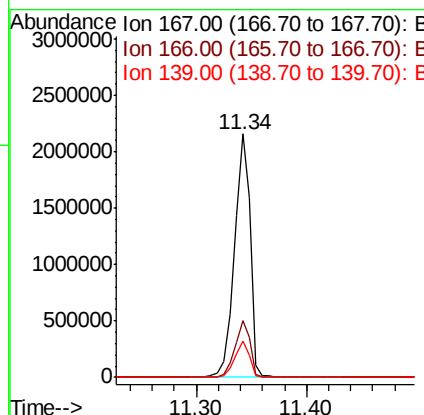
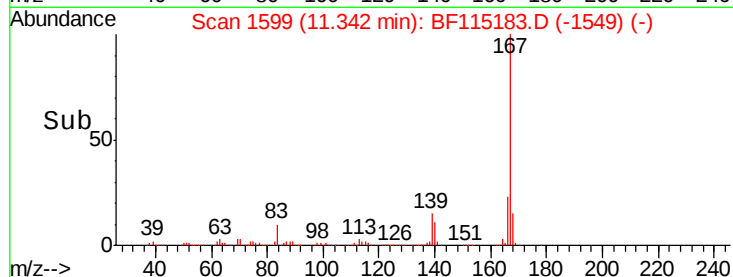
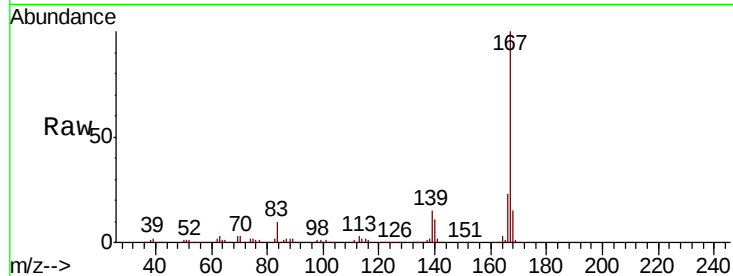
#73
 Carbazole
 Concen: 41.572 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.0	27.0
139	14.7	11.1	16.7

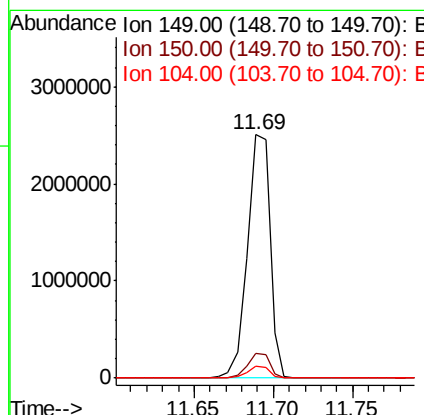
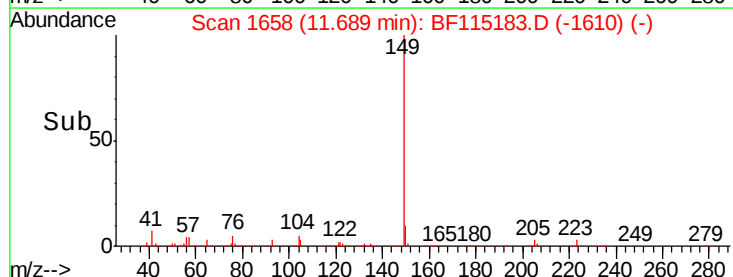
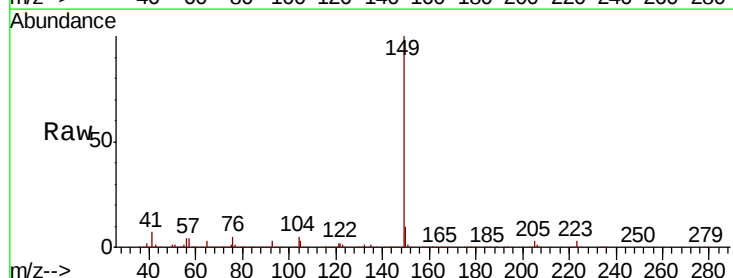
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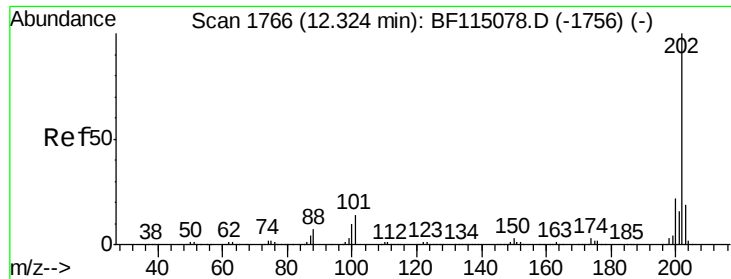
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#74
 Di-n-butylphthalate
 Concen: 41.240 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

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





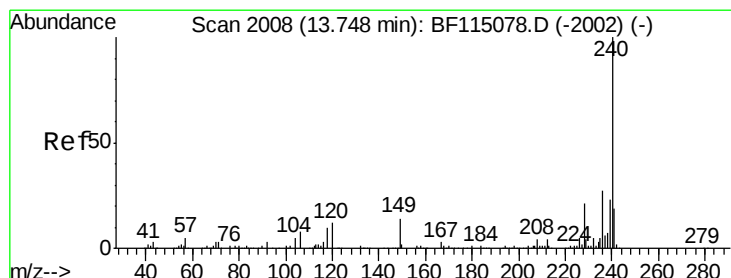
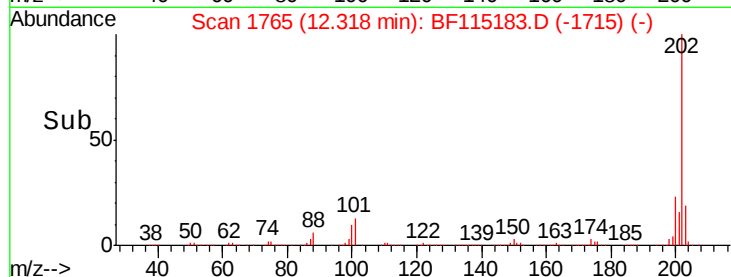
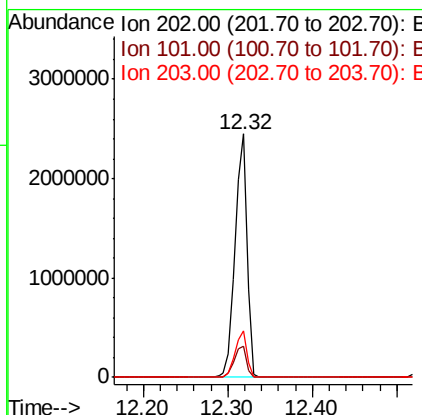
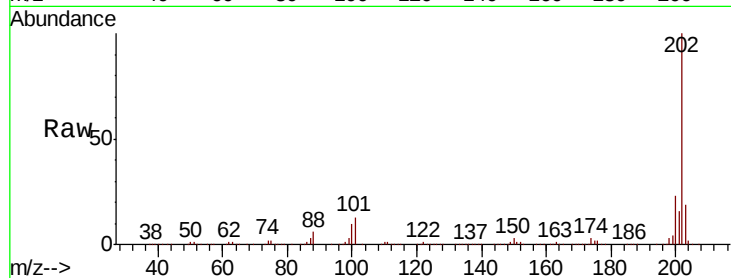
#75
 Fluoranthene
 Concen: 40.908 ng
 RT: 12.32 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.0
203	19.0	0.0	38.8

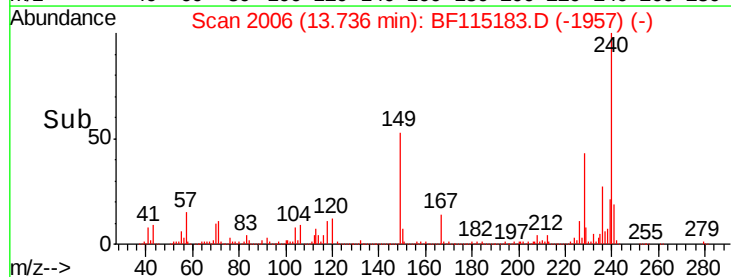
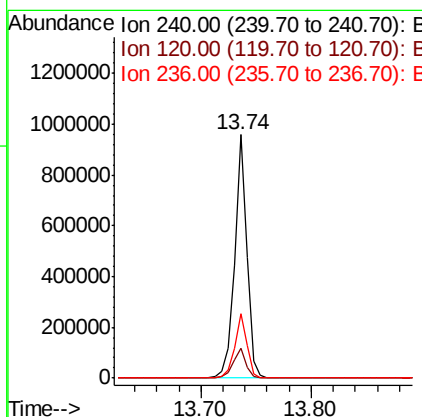
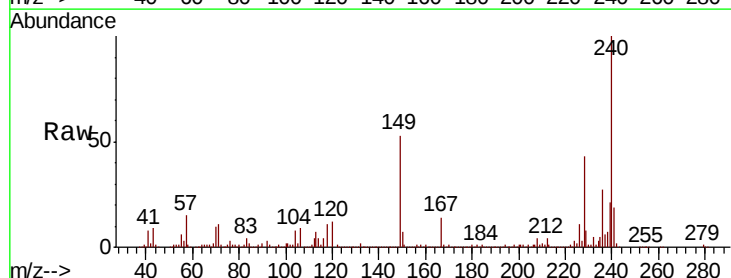
Manual Integrations
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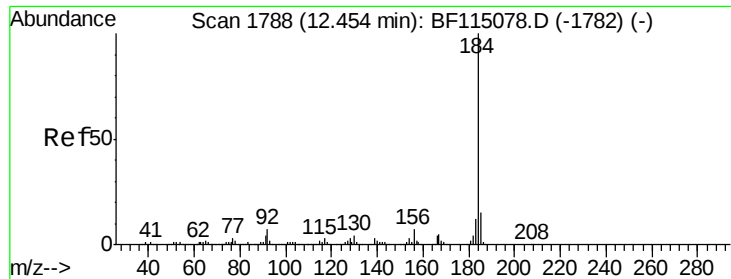
mohammad
 6/26/2019 2:03:14 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.4	14.2
236	26.7	21.7	32.5





#77

Benzidine

Concen: 24.496 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

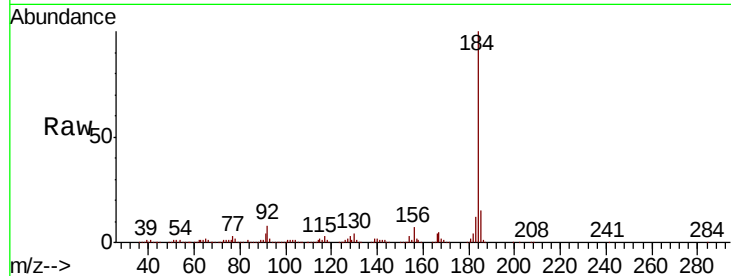
ClientSampleId :

PB120777BS

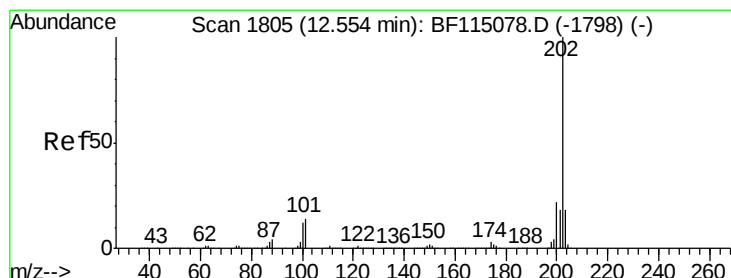
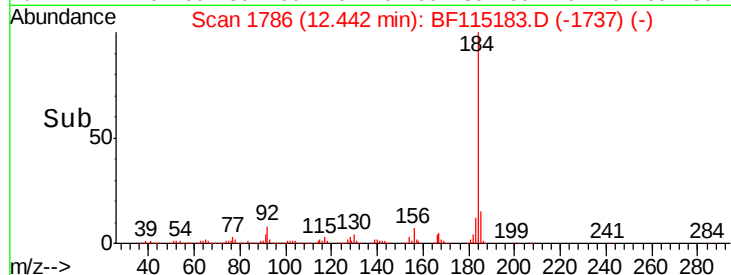
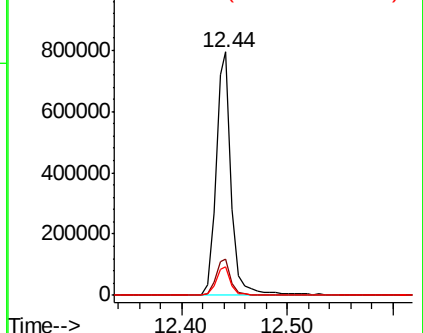
Tot Ion:	184	Resp:	812730
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.2	18.2
183	11.6	9.6	14.4

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



#78

Pyrene

Concen: 42.205 ng

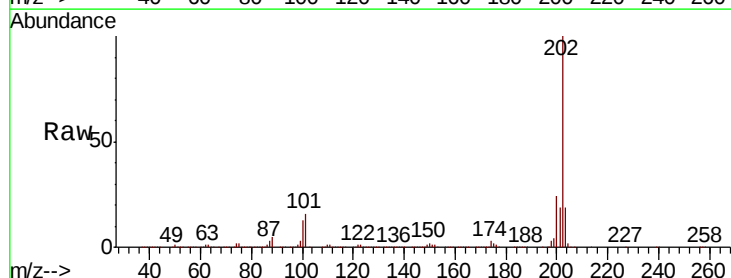
RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

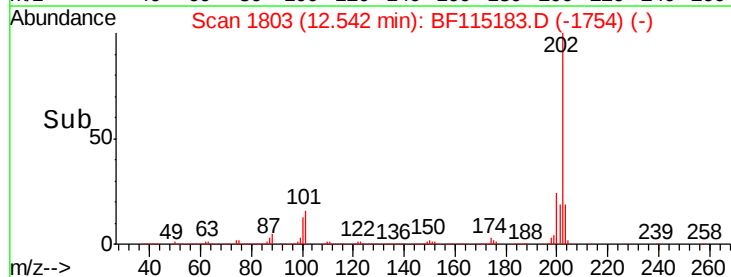
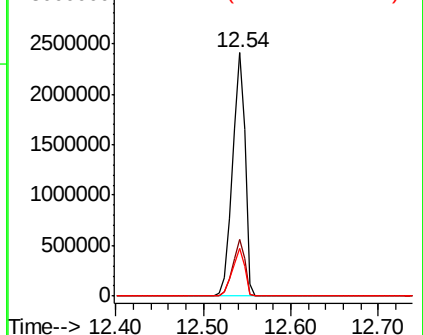
Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Tgt Ion:	202	Resp:	2423488
Ion Ratio	Lower	Upper	
202	100		
200	23.5	17.9	26.9
203	19.4	14.6	21.8



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





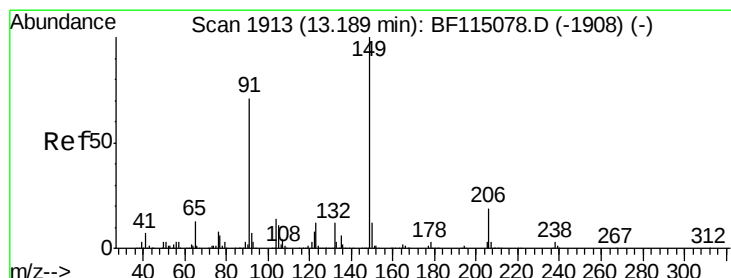
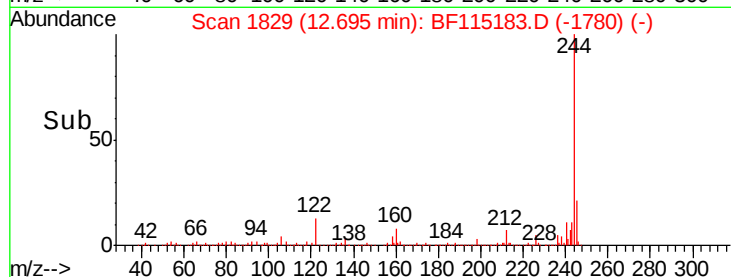
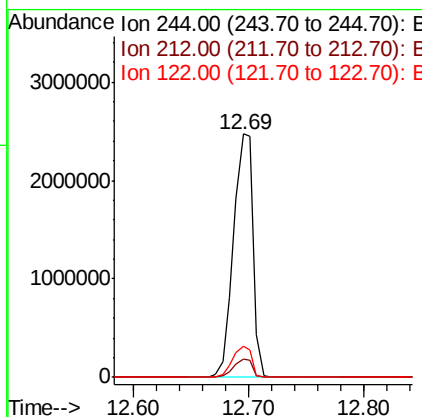
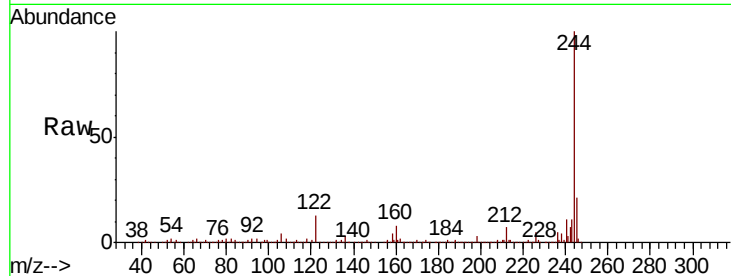
#79
 Terphenyl-d14
 Concen: 82.566 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion:244 Resp: 2901564
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 12.9 10.4 15.6

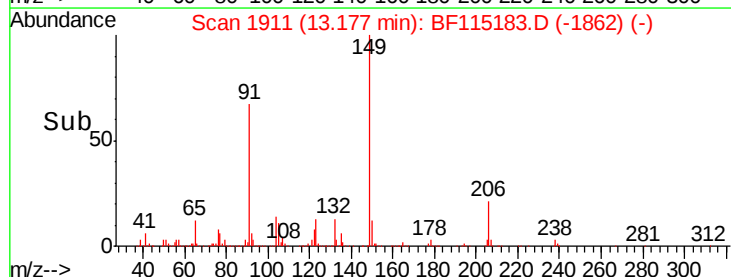
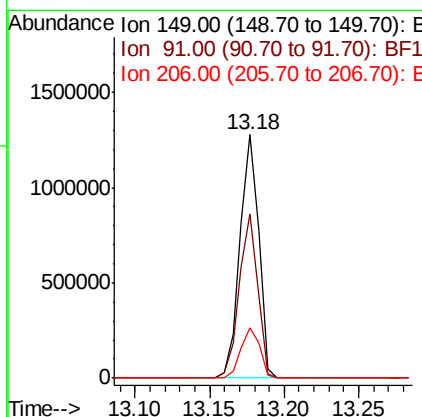
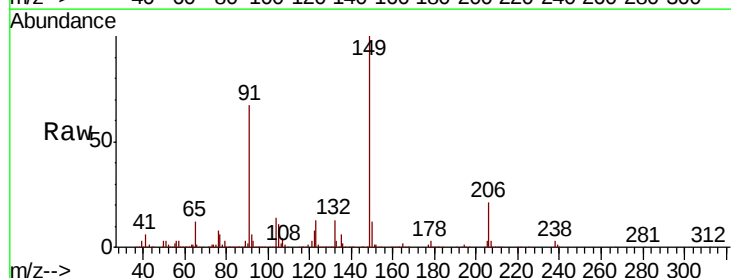
Manual Integrations
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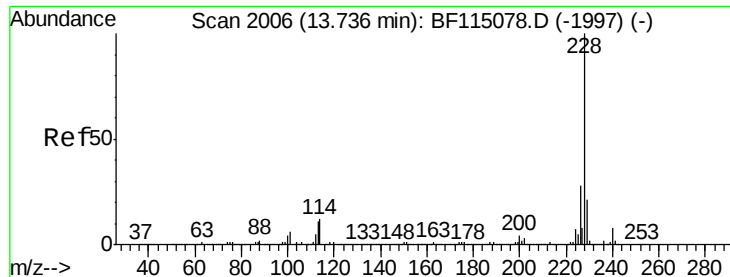
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#80
 Butylbenzylphthalate
 Concen: 44.368 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion:149 Resp: 1124311
 Ion Ratio Lower Upper
 149 100
 91 67.4 56.5 84.7
 206 20.9 15.3 22.9





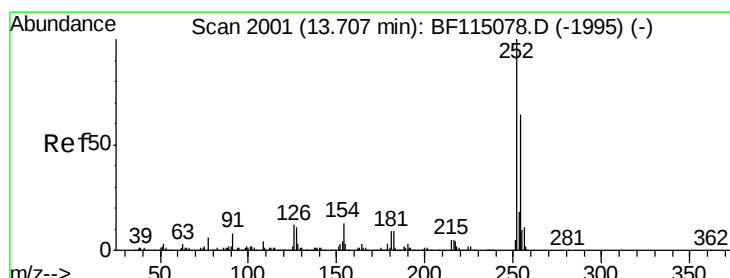
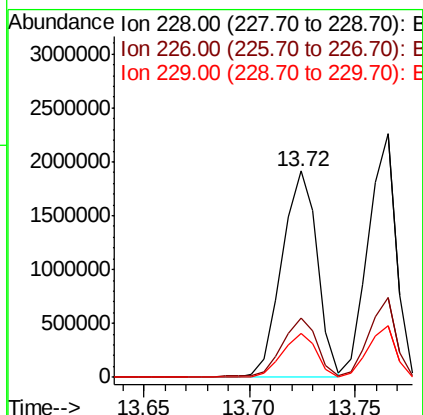
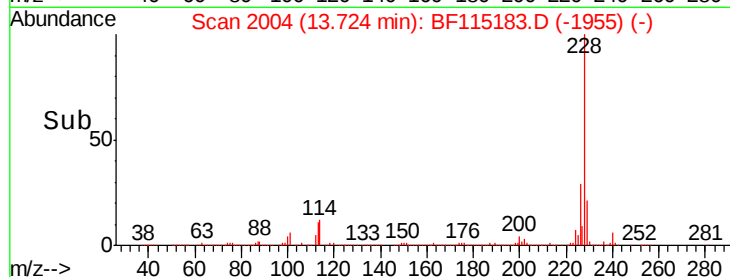
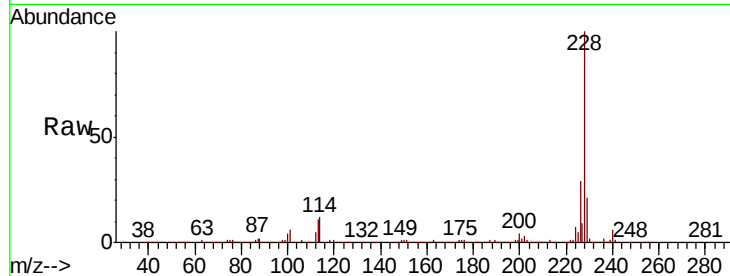
#81
Benzo(a)anthracene
Concen: 41.609 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	21.1	16.6	24.8

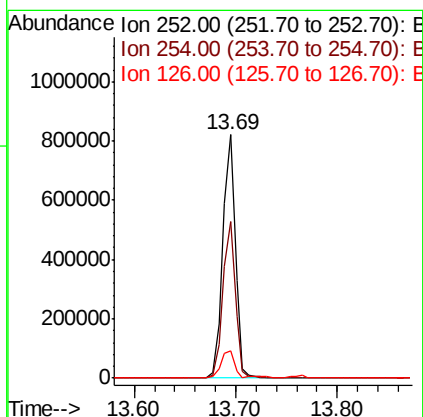
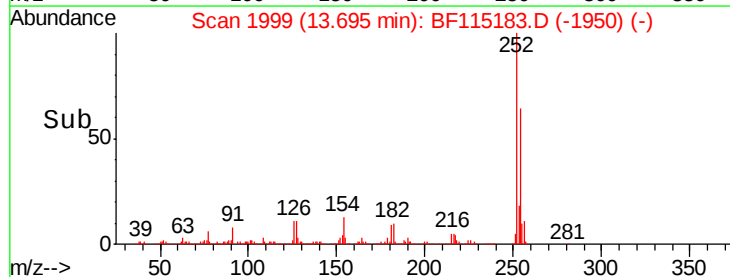
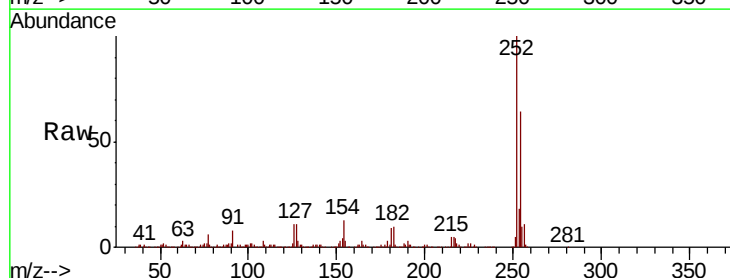
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#82
3,3'-Dichlorobenzidine
Concen: 36.710 ng
RT: 13.69 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.1	76.7
126	11.3	9.4	14.0





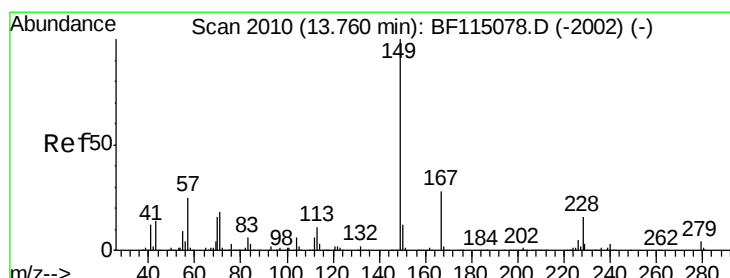
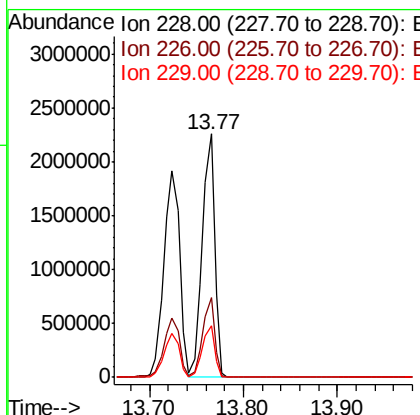
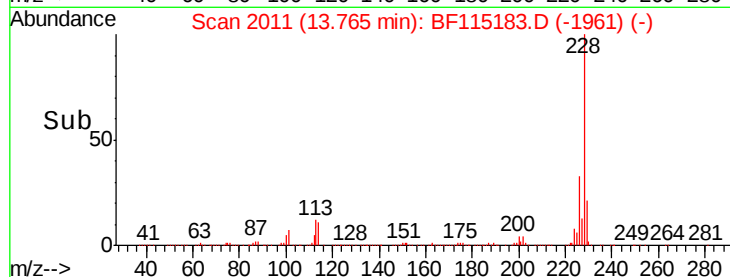
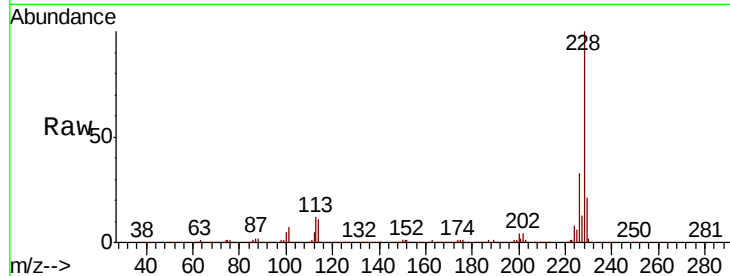
#83
 Chrvsene
 Concen: 42.675 ng
 RT: 13.77 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion:228 Resp: 2095774
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.4 38.0
 229 21.3 16.5 24.7

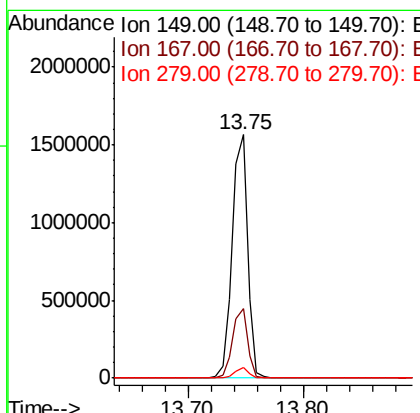
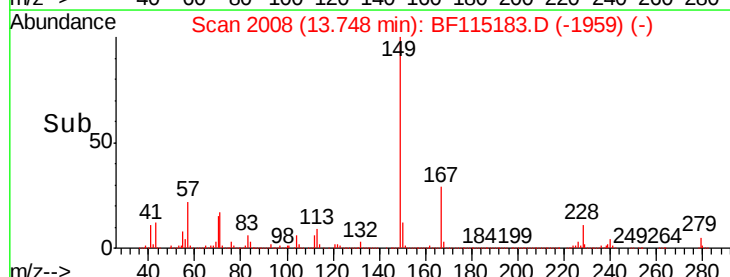
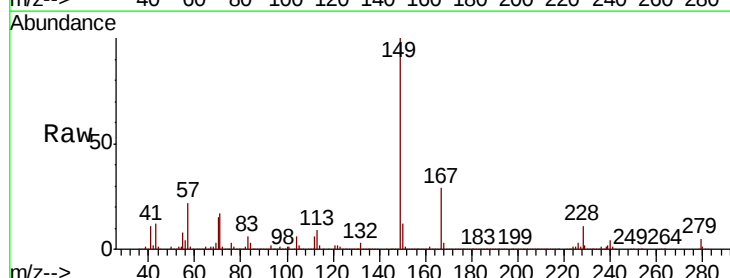
Manual Integrations
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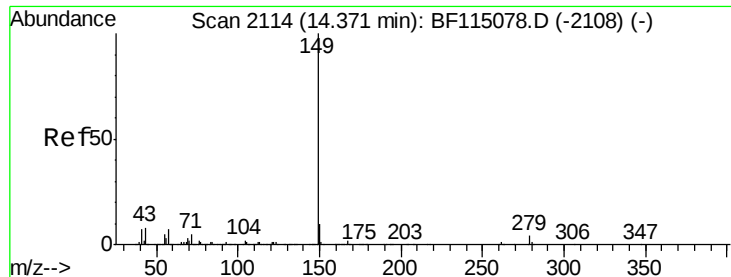
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.474 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF115183.D
 Acq: 25 Jun 2019 13:20

Tgt Ion:149 Resp: 1443527
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.2 33.4
 279 4.5 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 45.310 ng

RT: 14.36 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion:149 Resp: 2527771

Ion Ratio Lower Upper

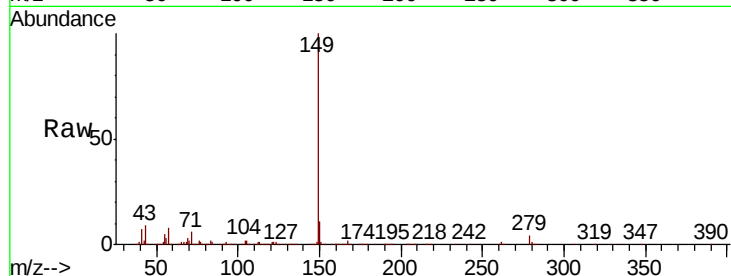
149 100

167 1.7 1.2 1.8

43 8.6 7.0 10.6

Manual Integrations
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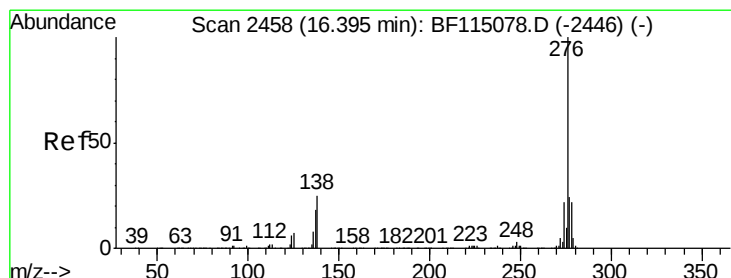
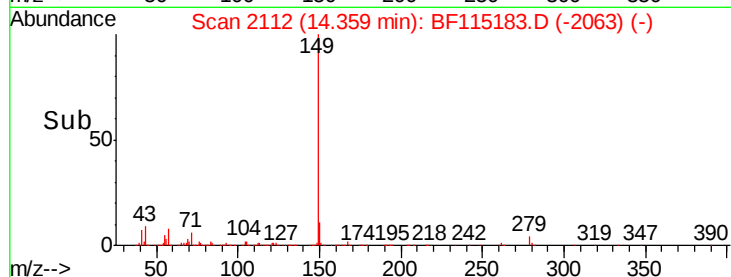
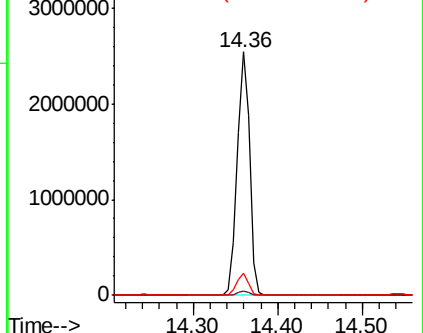
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.354 ng

RT: 16.39 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF115183.D

Acq: 25 Jun 2019 13:20

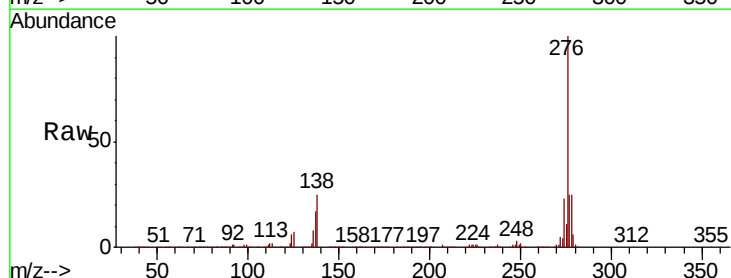
Tgt Ion:276 Resp: 2577531

Ion Ratio Lower Upper

276 100

138 28.0 23.2 34.8

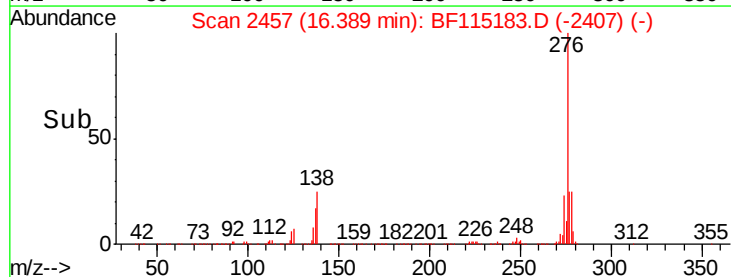
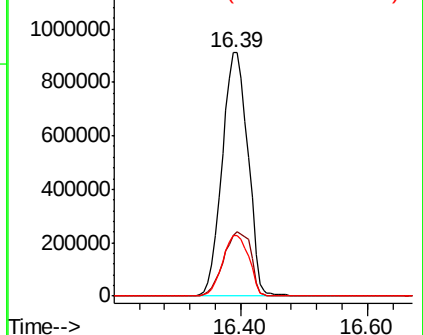
277 25.6 20.1 30.1

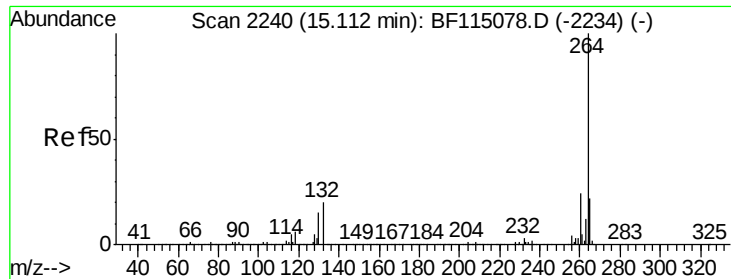


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





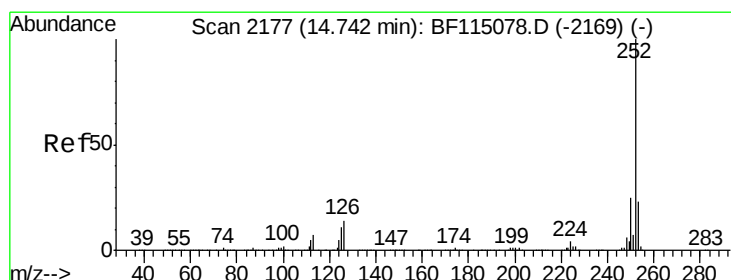
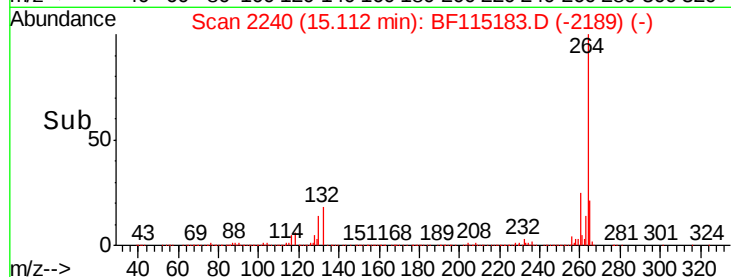
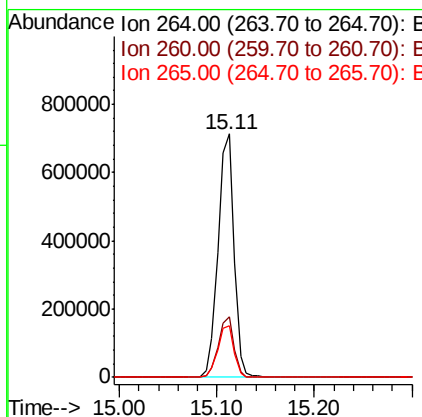
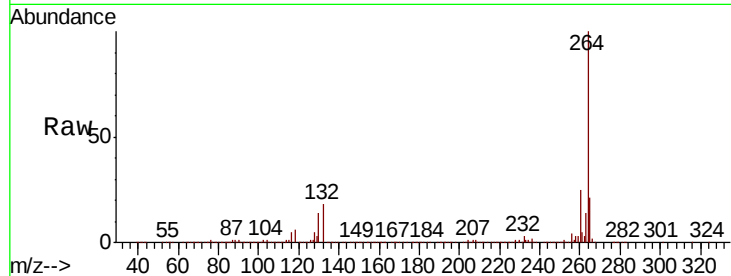
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.2	17.3	25.9

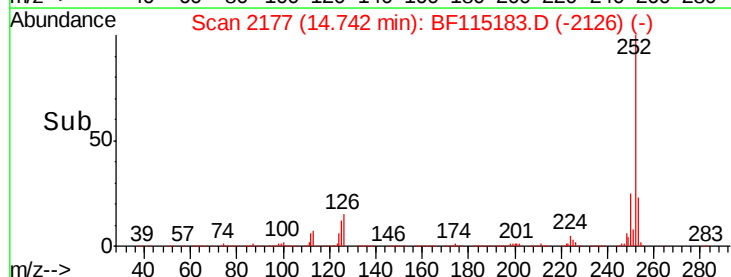
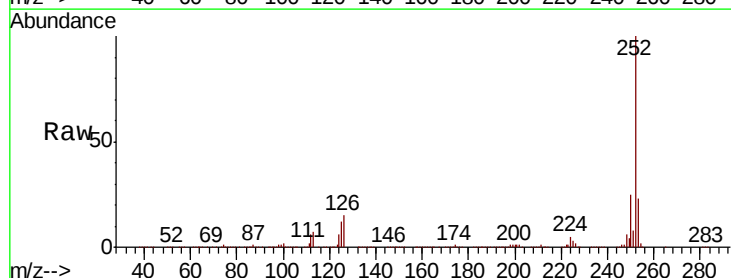
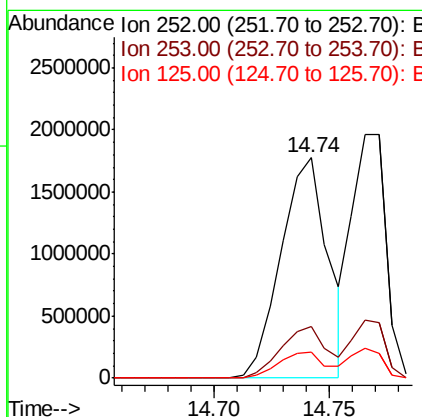
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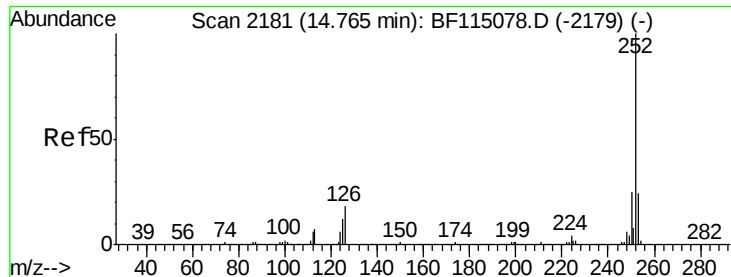
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#88
Benzo(b)fluoranthene
Concen: 49.585 ng
RT: 14.74 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.6	8.7	13.1





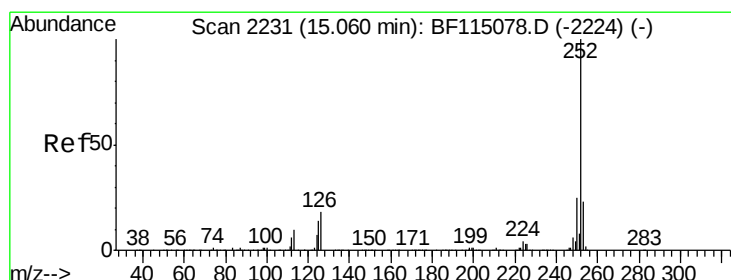
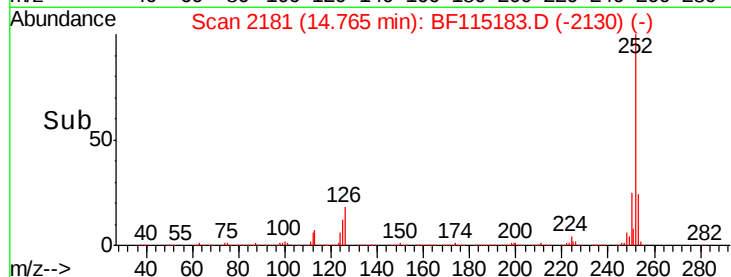
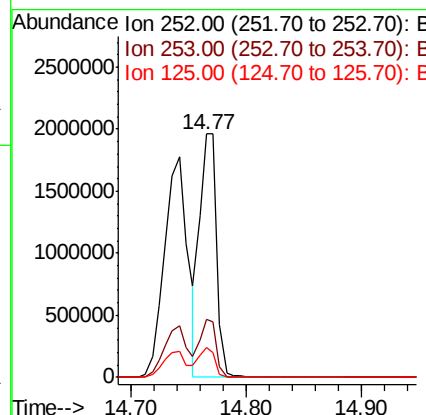
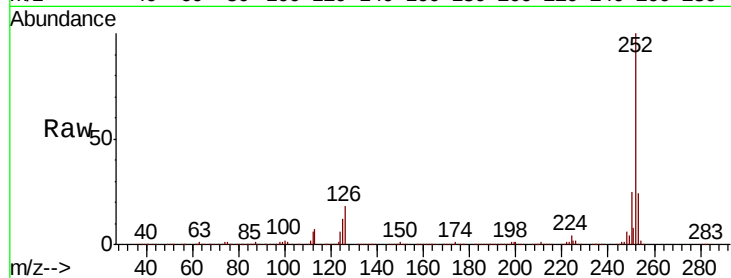
#89
Benzo(k)fluoranthene
Concen: 44.732 ng
RT: 14.77 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.9	28.3
125	12.2	10.2	15.2

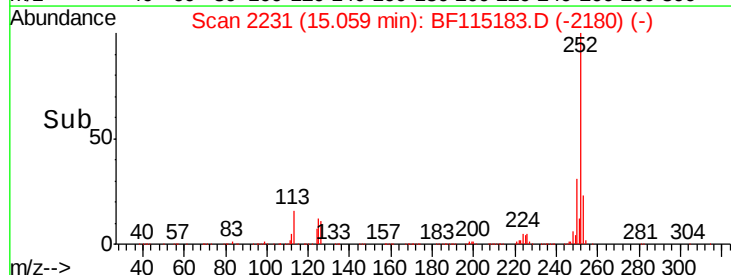
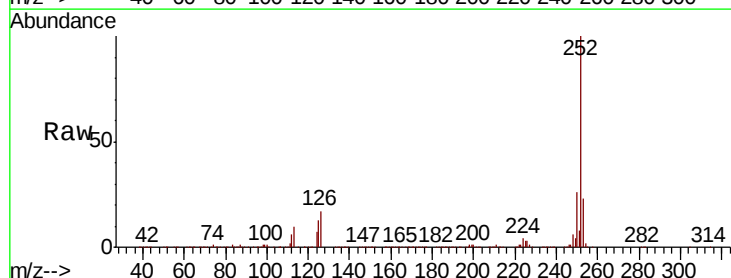
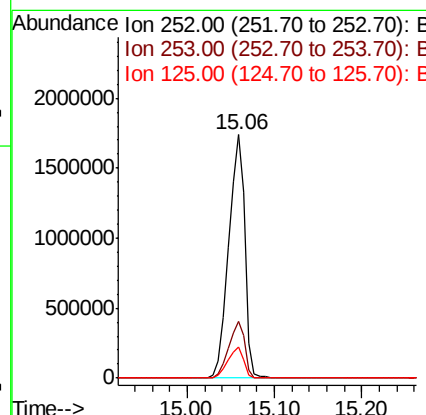
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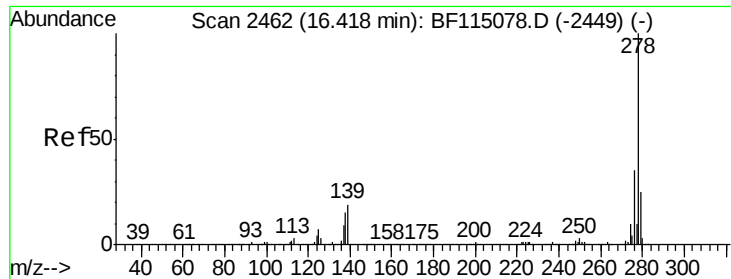
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#90
Benzo(a)pyrene
Concen: 49.029 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	13.0	10.9	16.3





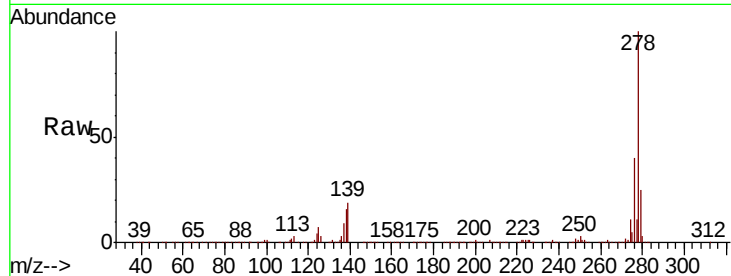
#91
Dibenzo(a,h)anthracene
Concen: 48.837 ng
RT: 16.41 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.4	23.2
279	24.9	19.9	29.9

Manual Integrations
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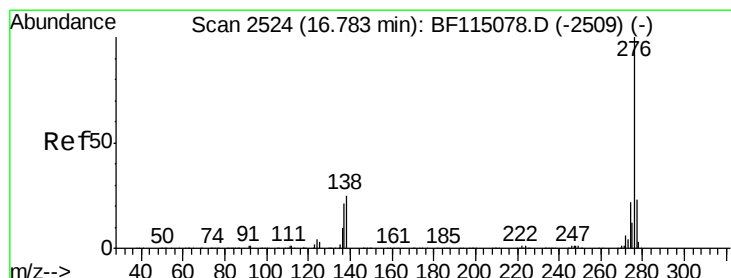
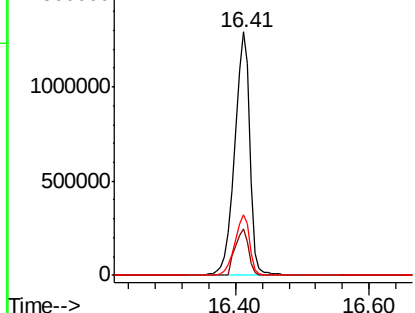
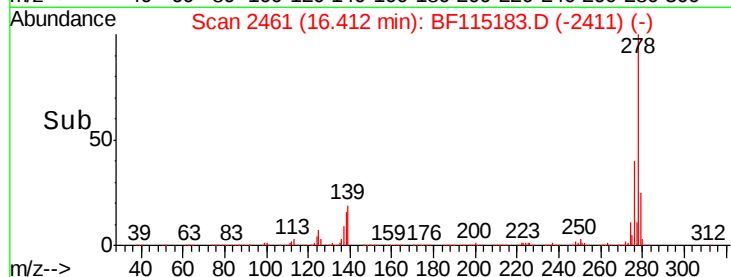


Abundance

Ion 278.00 (277.70 to 278.70): E

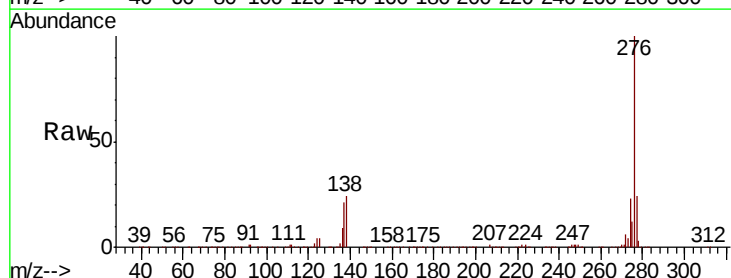
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.570 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF115183.D
Acq: 25 Jun 2019 13:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	24.3	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

