

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114815.D
 Acq On : 5 Jun 2019 12:38
 Operator : HP/JU
 Sample : K2641-14MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Manual Integrations
 APPROVED

mohammad
 6/6/2019 4:49:47 PM

Quant Time: Jun 06 05:14:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	511824	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1968308	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	1029987	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	2032706	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1278722	20.00	ng	0.00
87) Perylene-d12	15.18	264	1655485	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2815260	96.11	ng	0.02
7) Phenol-d6	6.31	99	3279571	92.01	ng	0.00
23) Nitrobenzene-d5	7.23	82	2363280	73.91	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	1213752	109.35	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4405544	80.13	ng	0.00
79) Terphenyl-d14	12.75	244	4824606	73.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	444291	31.769	ng	# 85
3) Pyridine	3.11	79	967656	25.177	ng	99
4) n-Nitrosodimethylamine	3.03	42	490590	34.877	ng	97
6) Aniline	6.33	93	380172	7.517	ng	# 1
8) 2-Chlorophenol	6.46	128	1236715	36.542	ng	95
9) Benzaldehyde	6.21	77	352087	14.241	ng	99
10) Phenol	6.32	94	1233760	30.270	ng	79
11) bis(2-Chloroethyl)ether	6.41	93	1140457	35.853	ng	99
12) 1,3-Dichlorobenzene	6.61	146	1223526	31.025	ng	99
13) 1,4-Dichlorobenzene	6.69	146	1245238	31.381	ng	99
14) 1,2-Dichlorobenzene	6.84	146	1172657	32.722	ng	99
15) Benzyl Alcohol	6.81	79	988263	36.666	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1595588	35.073	ng	100
17) 2-Methylphenol	6.93	107	1002703	34.661	ng	99
18) Hexachloroethane	7.18	117	446521	29.896	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	809549	34.313	ng	99
20) 3+4-Methylphenols	7.08	107	1147014	35.948	ng	89
22) Acetophenone	7.07	105	1627690	37.561	ng	# 97
24) Nitrobenzene	7.25	77	1250063	37.738	ng	100
25) Isophorone	7.49	82	2337797	36.983	ng	100
26) 2-Nitrophenol	7.56	139	702357	39.149	ng	95
27) 2,4-Dimethylphenol	7.61	122	1111794	40.772	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	1496393	37.033	ng	100
29) 2,4-Dichlorophenol	7.80	162	1117951	38.968	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	1160285	35.248	ng	98
31) Naphthalene	7.97	128	3365720	37.982	ng	99
32) Benzoic acid	7.72	122	524377	26.403	ng	97
33) 4-Chloroaniline	8.02	127	178911	4.232	ng	96
34) Hexachlorobutadiene	8.10	225	616339	32.933	ng	99
35) Caprolactam	8.39	113	298825m	31.886	ng	
36) 4-Chloro-3-methylphenol	8.50	107	1165180	40.816	ng	98
37) 2-Methylnaphthalene	8.66	142	2463169	40.075	ng	99
38) 1-Methylnaphthalene	8.76	142	2342749	40.192	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1053218	35.483	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	1083131	60.166	nq	99
43) 2,4,6-Trichlorophenol	8.94	196	828294m	35.887	nq	
44) 2,4,5-Trichlorophenol	8.98	196	902140m	38.811	nq	
46) 1,1'-Biphenyl	9.12	154	2881269	37.744	nq	99
47) 2-Chloronaphthalene	9.15	162	2325579	35.852	nq	99
48) 2-Nitroaniline	9.24	65	714810	36.927	nq	95
49) Acenaphthylene	9.56	152	3587022	38.133	nq	99
50) Dimethylphthalate	9.43	163	2838819	37.737	nq	99
51) 2,6-Dinitrotoluene	9.48	165	692902	39.166	nq	90
52) Acenaphthene	9.73	154	2322533	37.691	nq	99
53) 3-Nitroaniline	9.64	138	192247	9.302	nq	93
54) 2,4-Dinitrophenol	9.75	184	283382	35.398	nq	97
55) Dibenzofuran	9.90	168	3208637	37.447	nq	100
56) 4-Nitrophenol	9.82	139	1085722	71.693	nq	98
57) 2,4-Dinitrotoluene	9.89	165	917838	41.269	nq	94
58) Fluorene	10.25	166	2293021	40.920	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	758294	39.818	nq	99
60) Diethylphthalate	10.13	149	2886352	38.237	nq	99
61) 4-Chlorophenyl-phenylether	10.23	204	1154258	35.171	nq	99
62) 4-Nitroaniline	10.26	138	698881	34.865	nq	99
63) Azobenzene	10.40	77	2531937	39.404	nq	98
65) 4,6-Dinitro-2-methylphenol	10.29	198	267928	25.374	nq	86
66) n-Nitrosodiphenylamine	10.36	169	2341239	38.091	nq	99
67) 4-Bromophenyl-phenylether	10.72	248	831872	36.033	nq	98
68) Hexachlorobenzene	10.79	284	896148	35.468	nq	98
69) Atrazine	10.89	200	803812	37.602	nq	100
70) Pentachlorophenol	10.98	266	949226	64.987	nq	99
71) Phenanthrene	11.19	178	3609116	37.192	nq	98
72) Anthracene	11.25	178	3785610	37.069	nq	99
73) Carbazole	11.40	167	3467376	39.607	nq	98
74) Di-n-butylphthalate	11.75	149	4210025	36.563	nq	98
75) Fluoranthene	12.37	202	3871838	38.335	nq	98
77) Benzidine	12.49	184	700937	11.073	nq	97
78) Pyrene	12.60	202	3944624	35.559	nq	97
80) Butylbenzylphthalate	13.23	149	2132446	38.068	nq	98
81) Benzo(a)anthracene	13.78	228	3612237	36.658	nq	99
82) 3,3'-Dichlorobenzidine	13.74	252	603344	15.100	nq	98
83) Chrysene	13.82	228	3510178	36.618	nq	96
84) Bis(2-ethylhexyl)phthalate	13.80	149	2552572	36.036	nq	# 98
85) Di-n-octyl phthalate	14.41	149	4577273	38.030	nq	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	3863503	35.324	nq	99
88) Benzo(b)fluoranthene	14.80	252	4076228	38.677	nq	100
89) Benzo(k)fluoranthene	14.83	252	3121727	34.880	nq	98
90) Benzo(a)pyrene	15.13	252	3517100	38.556	nq	97
91) Dibenzo(a,h)anthracene	16.52	278	3156163	36.535	nq	99
92) Benzo(g,h,i)perylene	16.89	276	3251901	37.433	nq	99

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

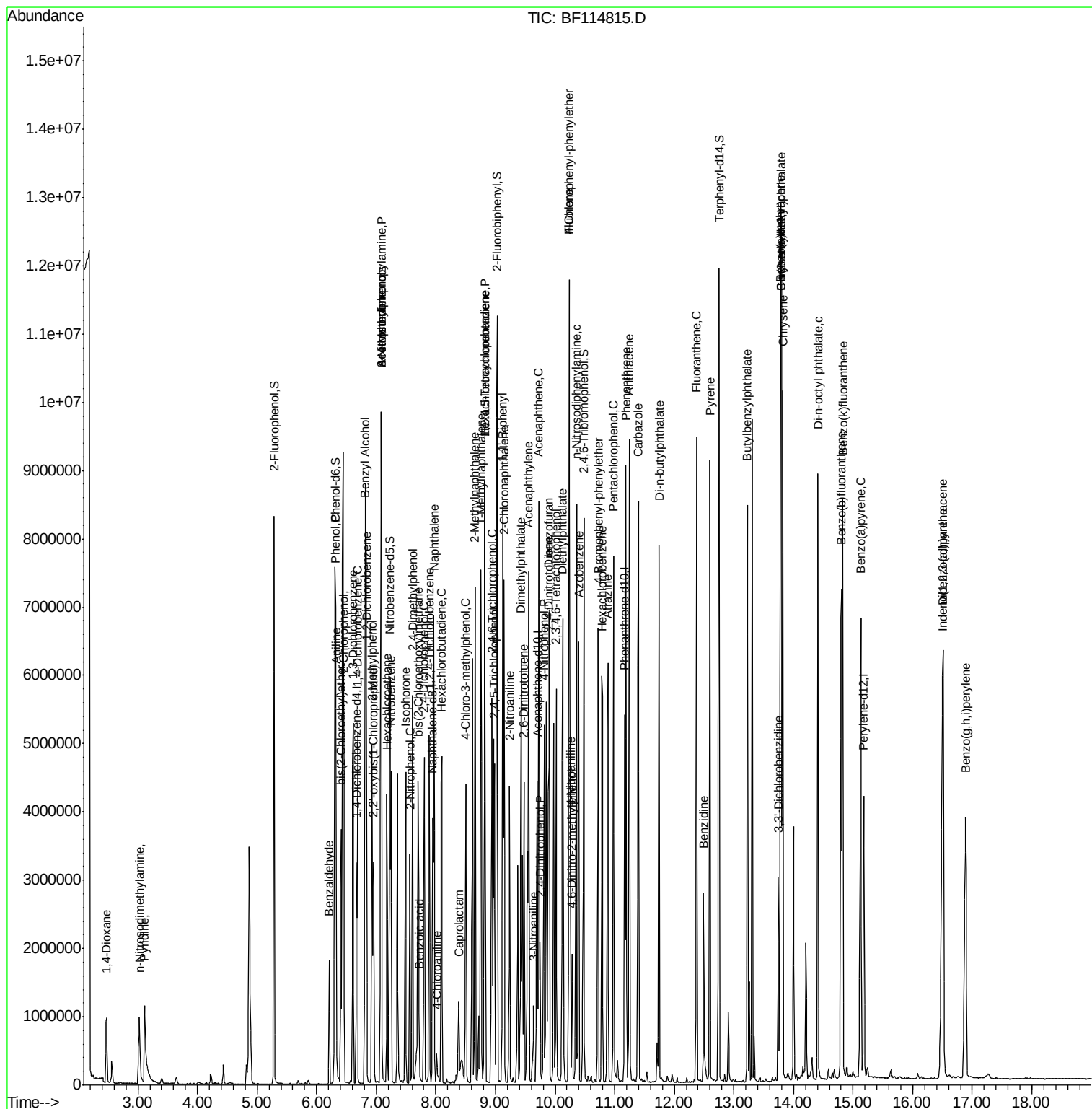
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
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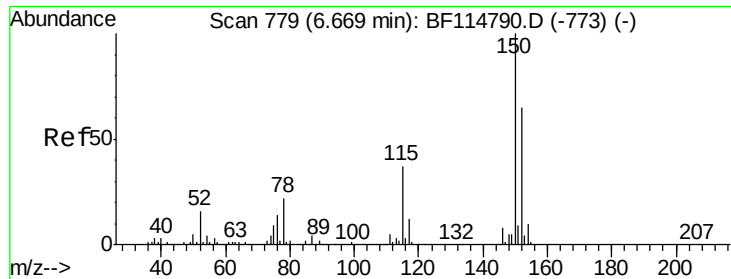
Instrument :
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#1

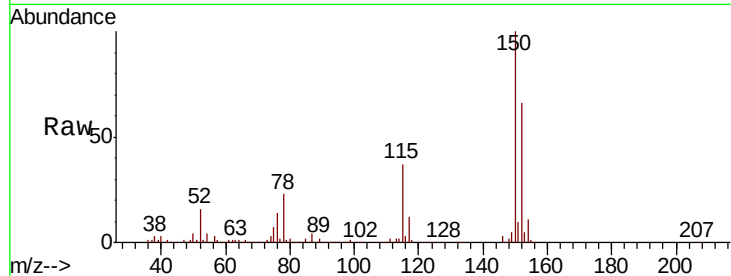
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.0	186.0
115	56.4	46.3	69.5

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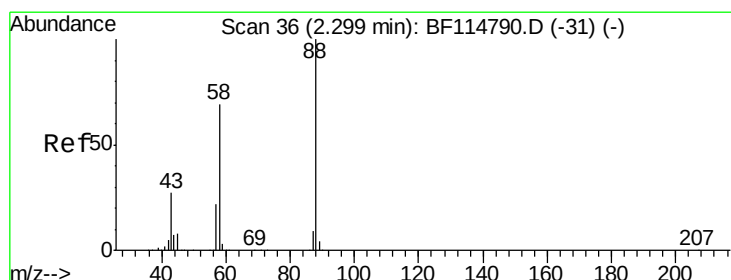
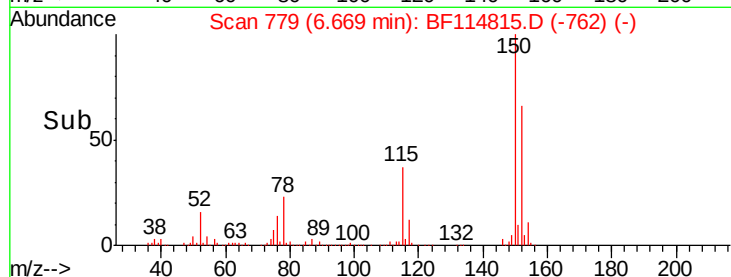
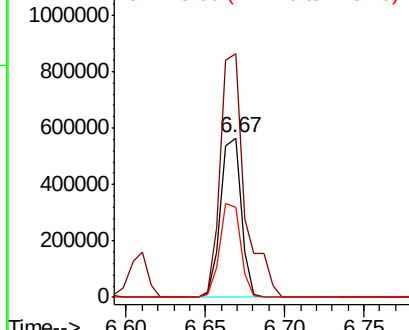


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

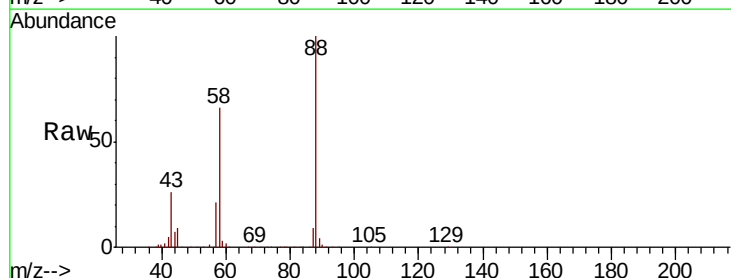
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.769 ng
RT: 2.48 min Scan# 66
Delta R.T. 0.18 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	53.8	80.8
43	0.0	20.7	31.1#

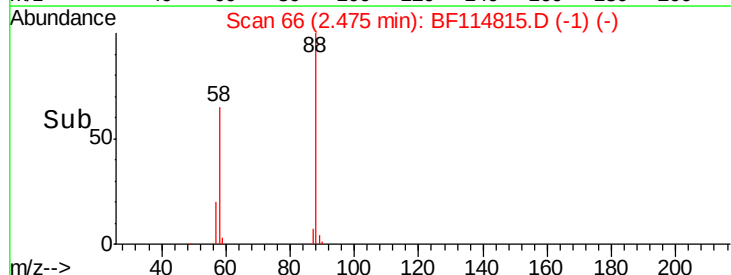
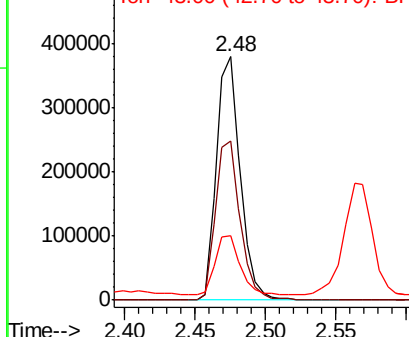


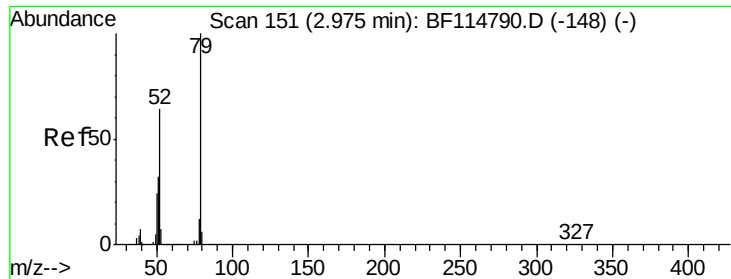
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 25.177 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.14 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA_F

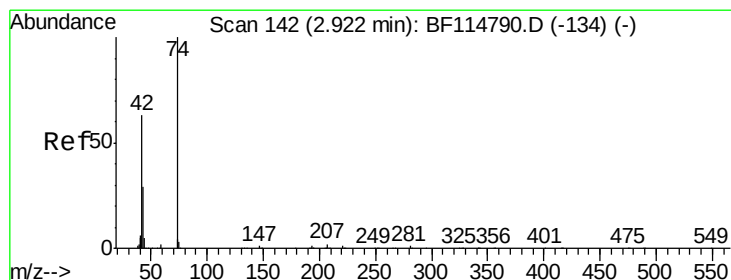
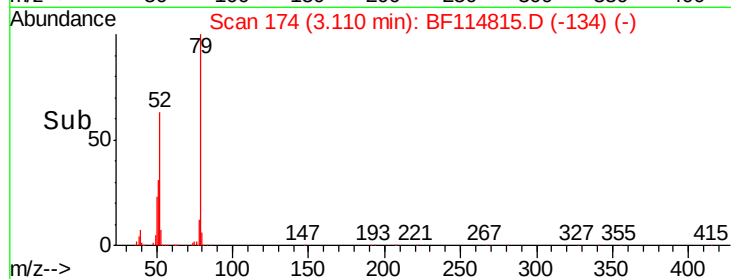
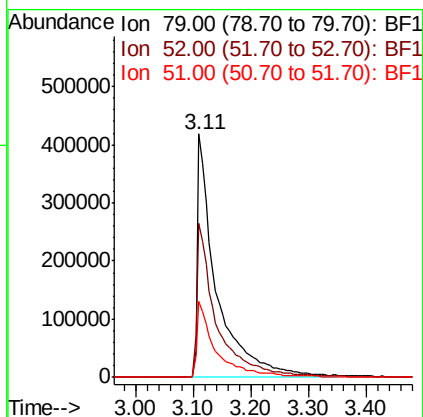
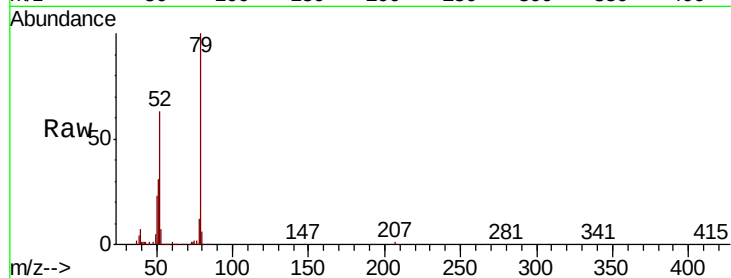
ClientSampleId :

CL-02-053119-AMSD

Tot Ion:	79	Resp:	967656
Ion Ratio	Lower	Upper	
79	100		
52	63.4	51.0	76.4
51	31.0	25.7	38.5

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#4

n-Nitrosodimethylamine

Concen: 34.877 ng

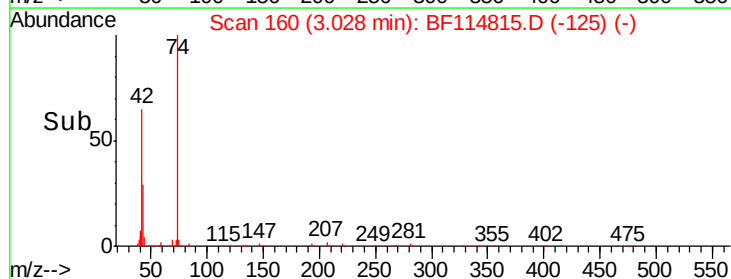
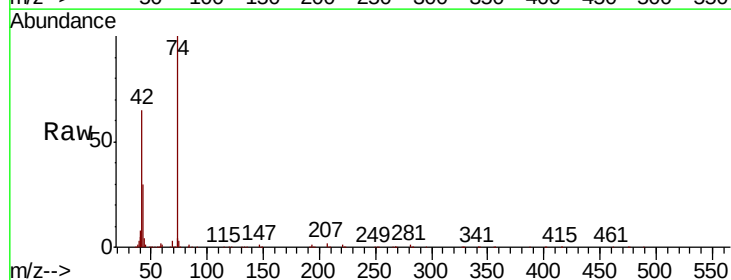
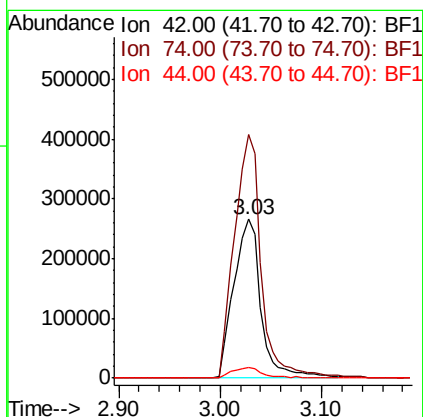
RT: 3.03 min Scan# 160

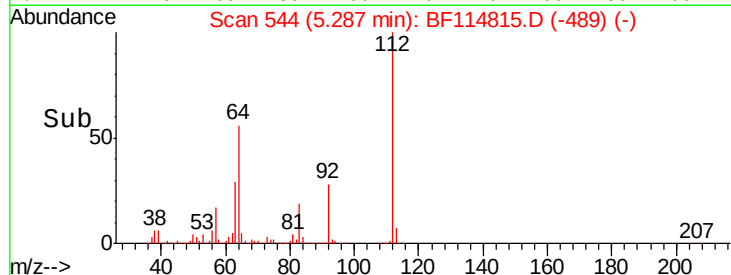
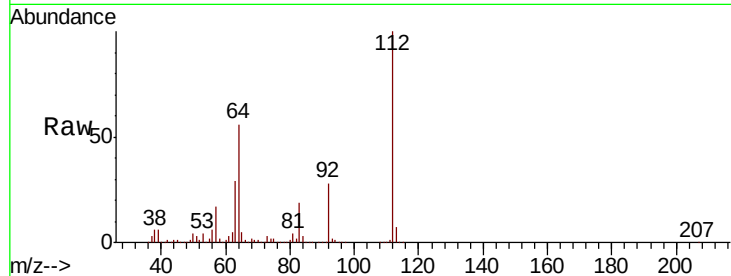
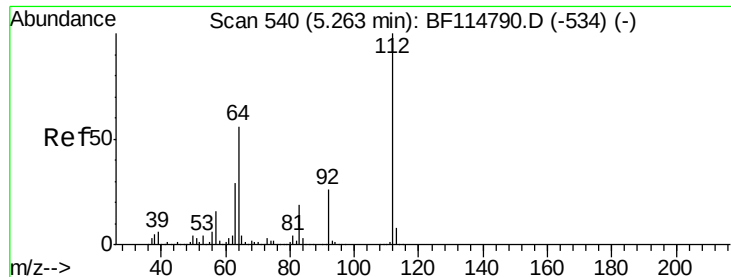
Delta R.T. 0.11 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Tgt Ion:	42	Resp:	490590
Ion Ratio	Lower	Upper	
42	100		
74	153.2	126.2	189.2
44	6.6	5.9	8.9





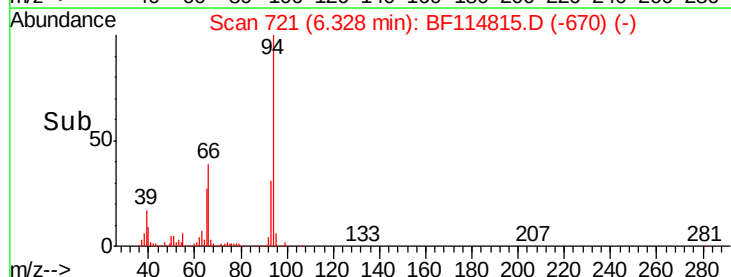
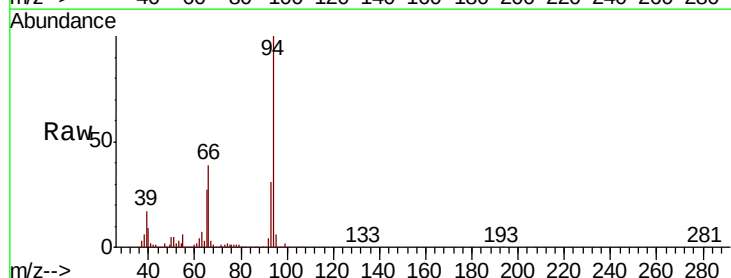
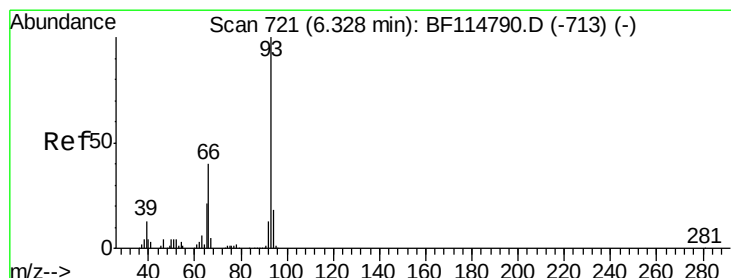
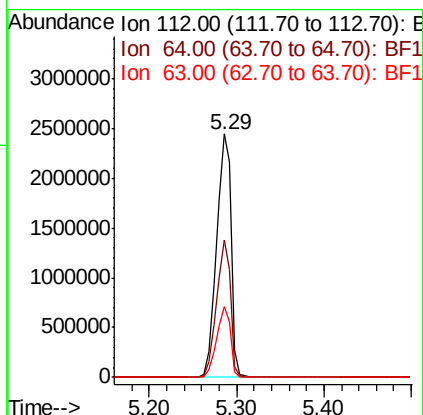
#5
2-Fluorophenol
Concen: 96.112 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.02 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.6	66.8
63	29.0	23.0	34.4

Instrument :
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CL-02-053119-AMSD

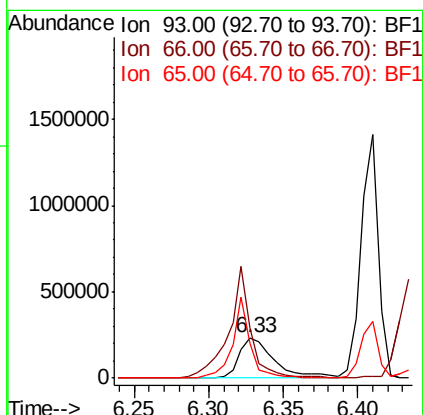
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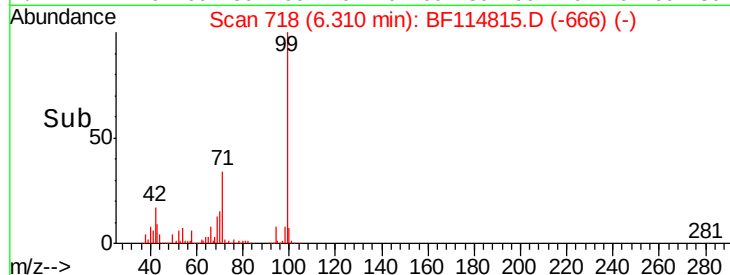
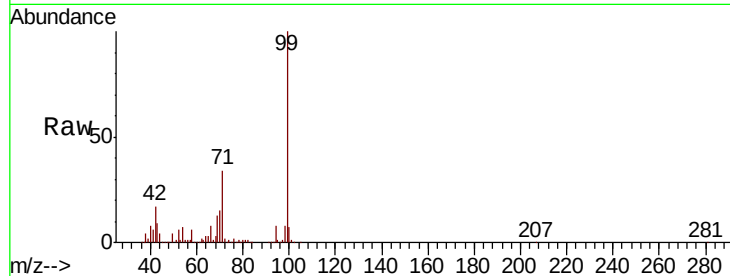
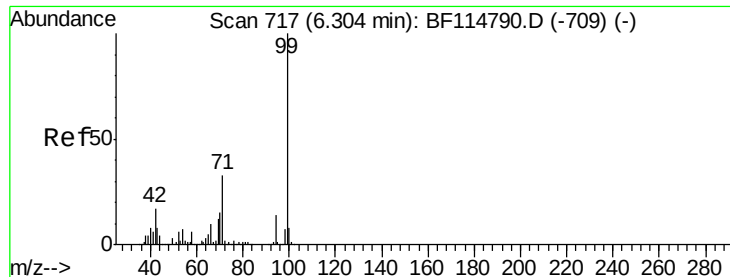
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#6
Aniline
Concen: 7.517 ng
RT: 6.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
93	100		
66	124.5	32.8	49.2#
65	87.9	16.9	25.3#





#7

Phenol-d6

Concen: 92.015 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Tot Ion: 99 Resp: 3279571

Ion Ratio Lower Upper

99 100

42 17.3 13.3 19.9

71 34.3 26.3 39.5

Instrument :

BNA_F

ClientSampleId :

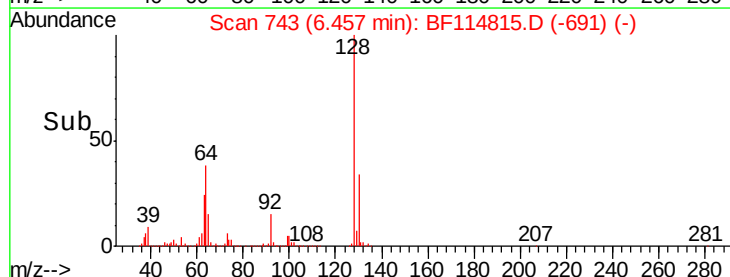
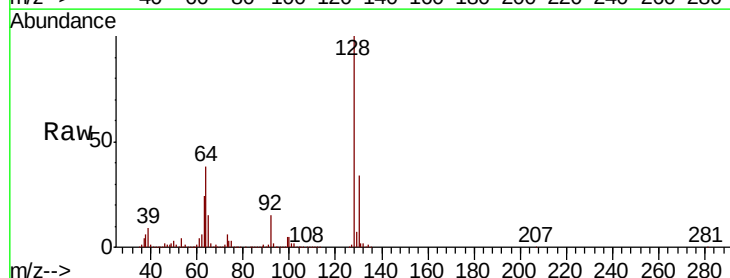
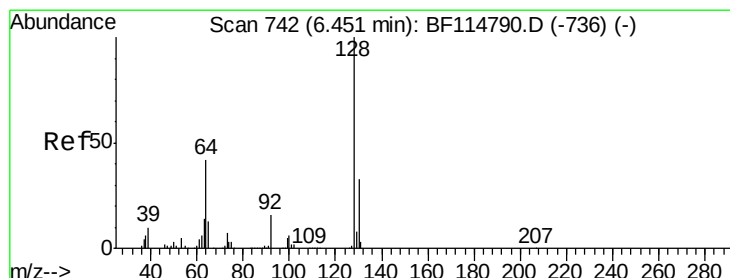
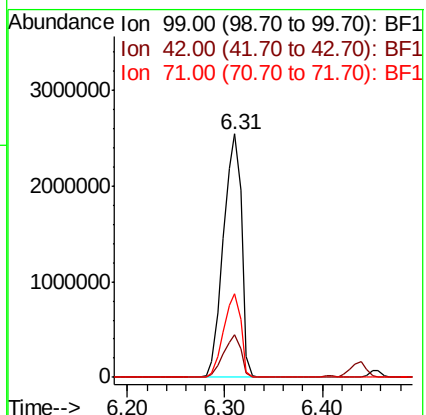
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#8

2-Chlorophenol

Concen: 36.542 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

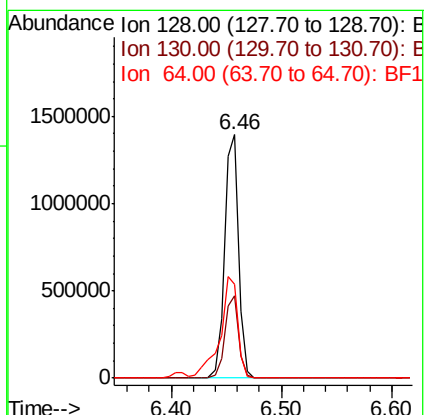
Tgt Ion: 128 Resp: 1236715

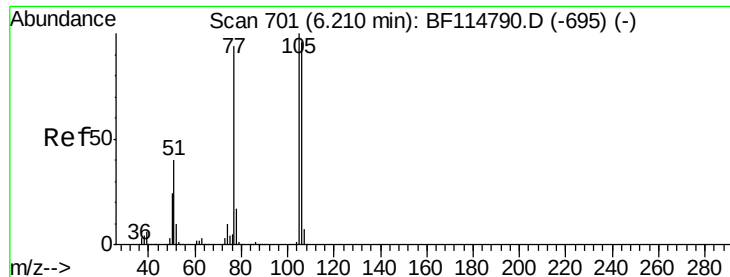
Ion Ratio Lower Upper

128 100

130 34.0 12.7 52.7

64 38.5 22.5 62.5





#9

Benzaldehyde

Concen: 14.241 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA_F

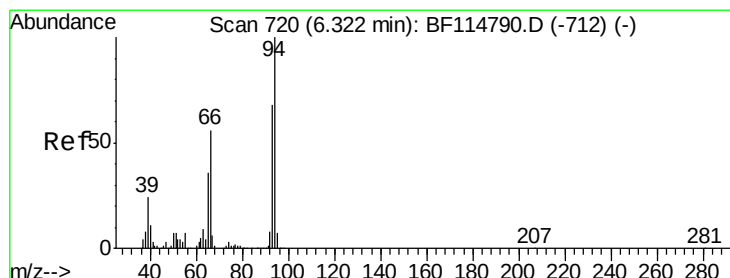
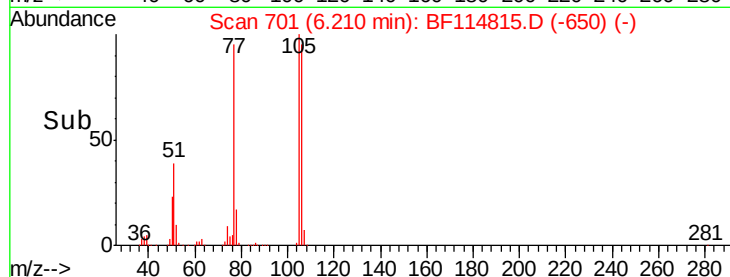
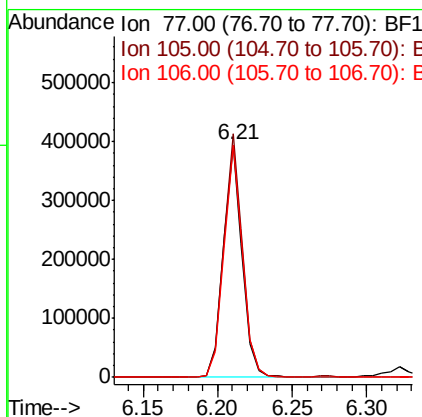
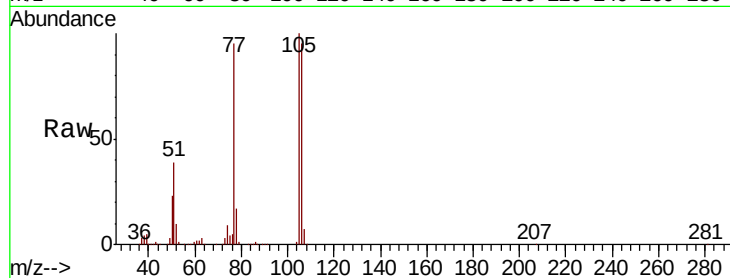
ClientSampleId :

CL-02-053119-AMSD

Tot Ion:	77	Resp:	352087
Ion Ratio	Lower	Upper	
77	100		
105	104.8	85.8	125.8
106	99.7	81.6	121.6

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#10

Phenol

Concen: 30.270 ng

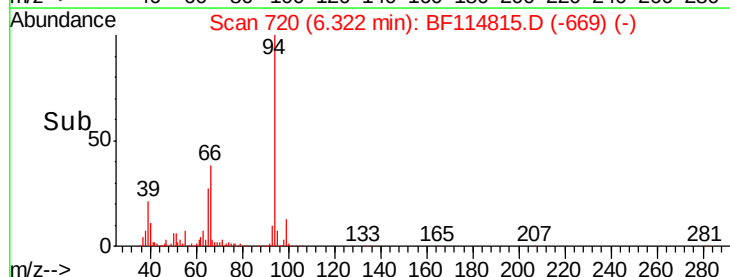
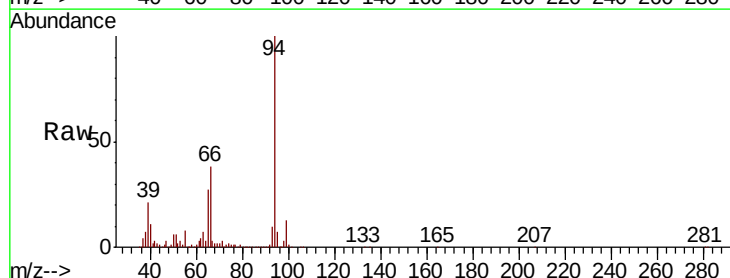
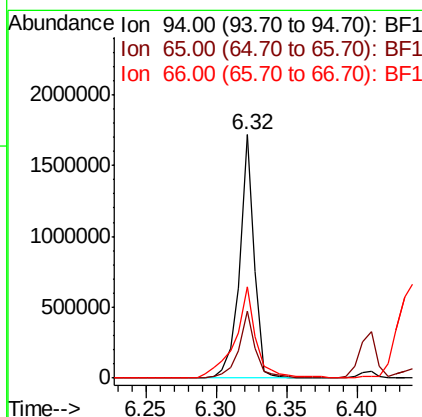
RT: 6.32 min Scan# 720

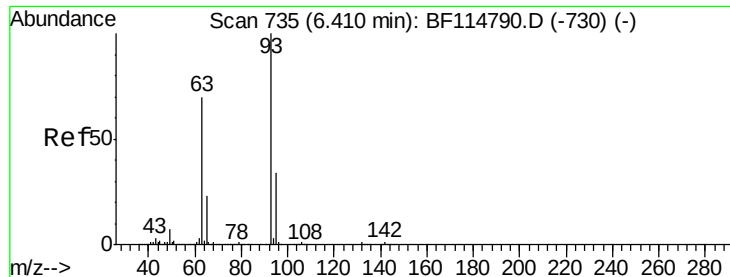
Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Tgt Ion:	94	Resp:	1233760
Ion Ratio	Lower	Upper	
94	100		
65	27.5	16.1	56.1
66	37.7	36.3	76.3





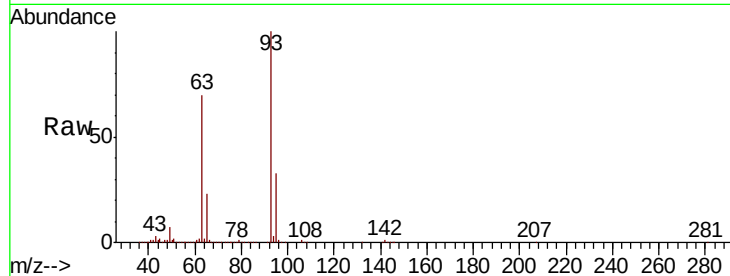
#11
bis(2-Chloroethyl)ether
Concen: 35.853 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

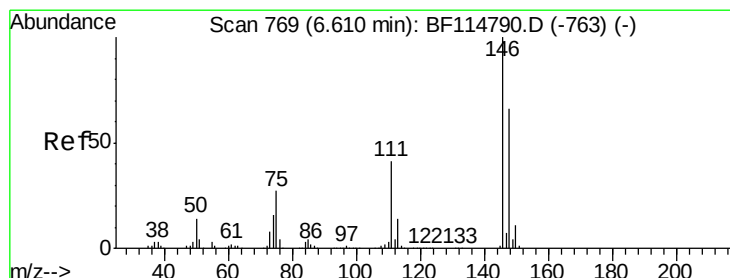
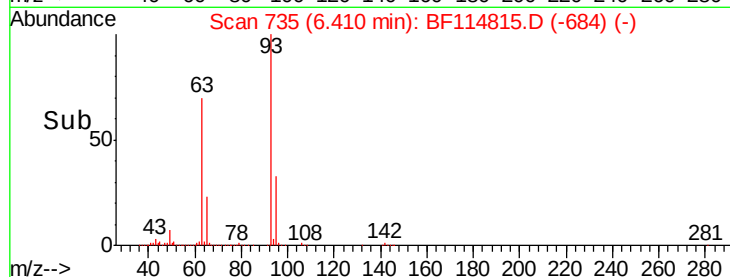
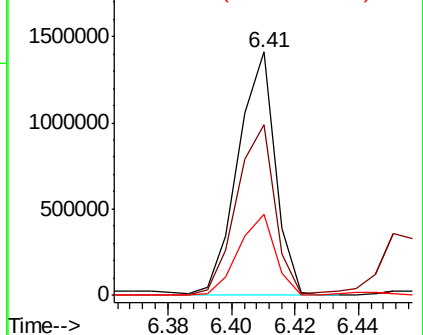
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.1	49.6	89.6
95	33.3	13.6	53.6

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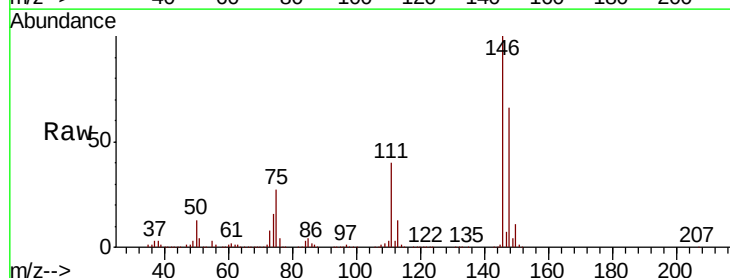


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

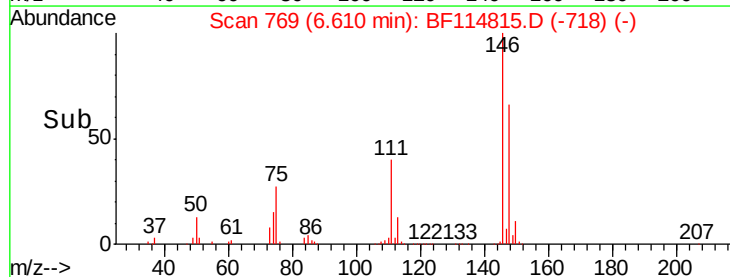
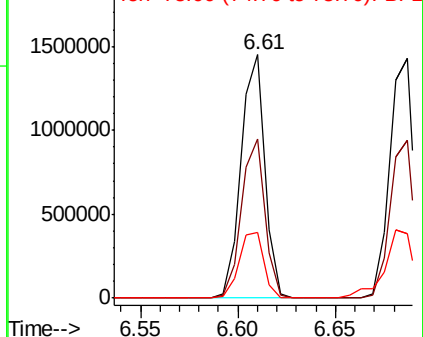


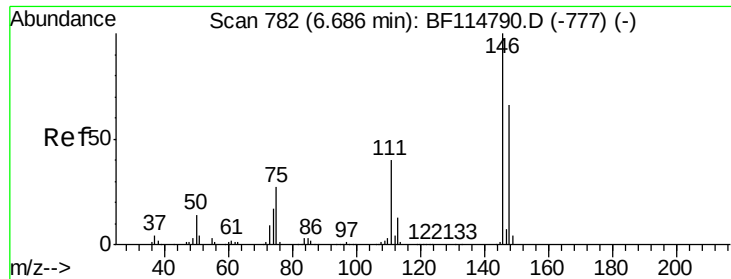
#12
1,3-Dichlorobenzene
Concen: 31.025 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.7	79.1
75	27.1	22.0	33.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





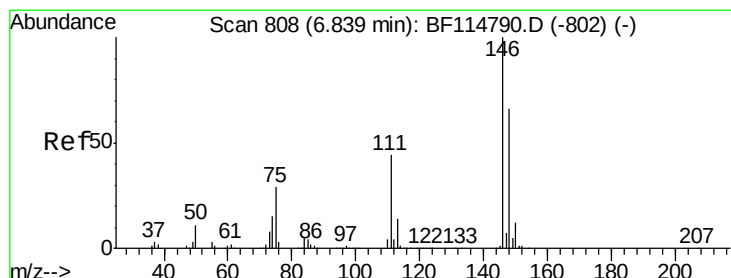
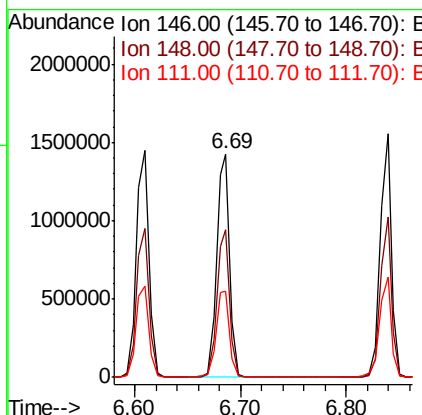
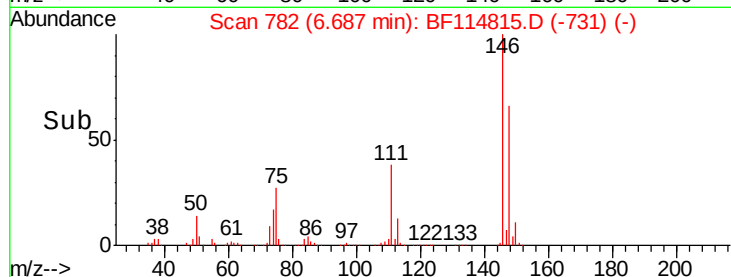
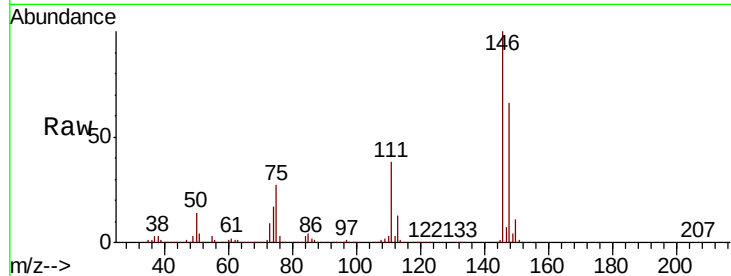
#13
1,4-Dichlorobenzene
Concen: 31.381 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion:146 Resp: 1245238
Ion Ratio Lower Upper
146 100
148 66.0 53.0 79.4
111 38.4 32.2 48.4

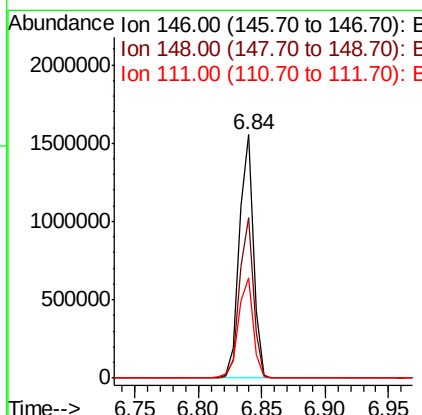
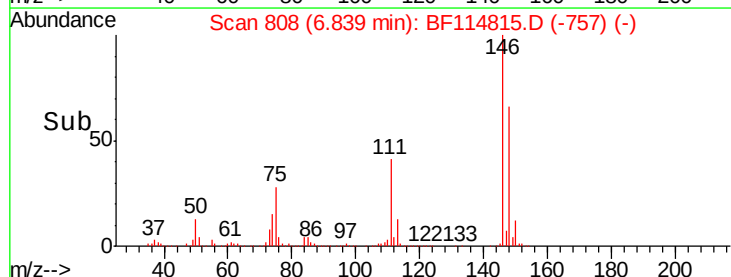
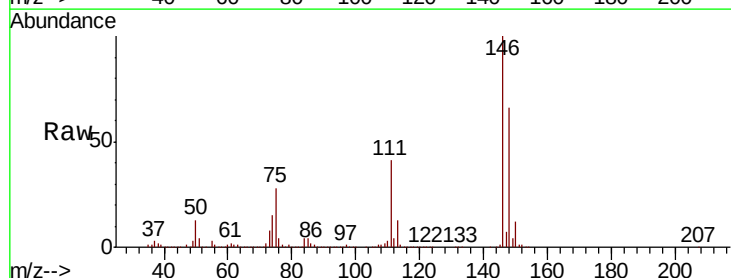
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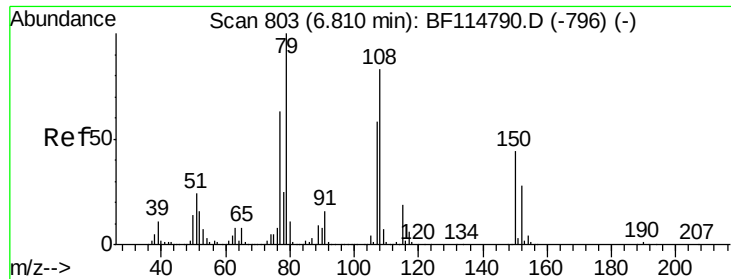
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#14
1,2-Dichlorobenzene
Concen: 32.722 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion:146 Resp: 1172657
Ion Ratio Lower Upper
146 100
148 65.7 52.5 78.7
111 41.4 34.8 52.2





#15

Benzyl Alcohol

Concen: 36.666 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA_F

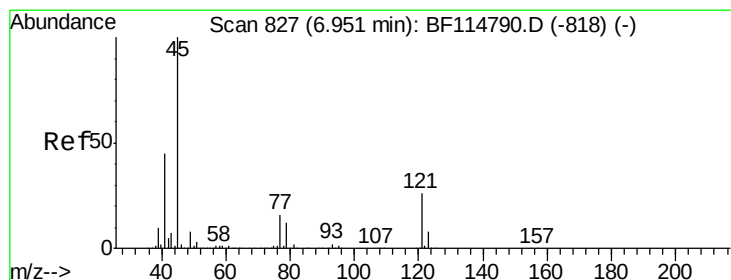
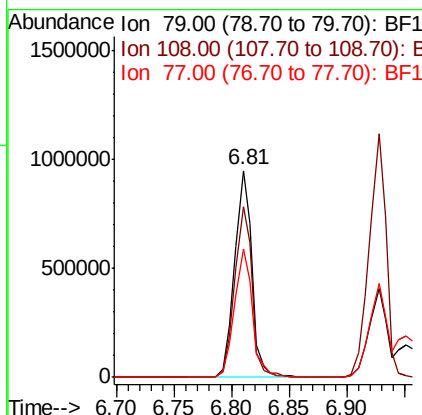
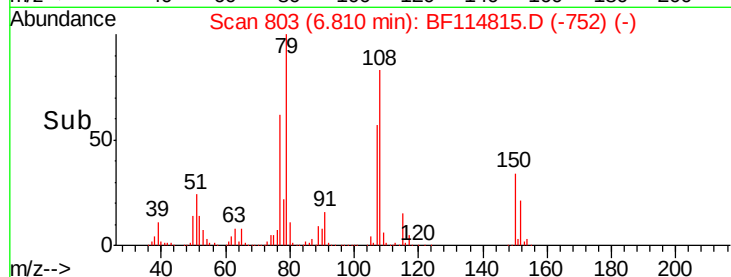
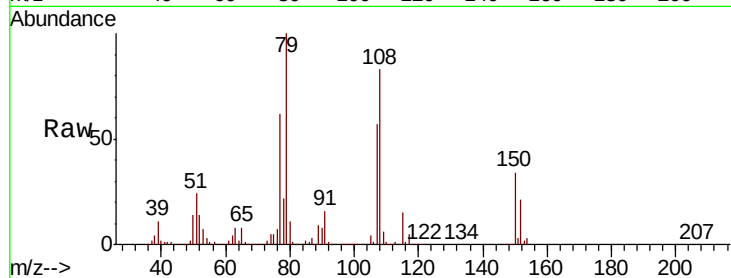
ClientSampleId :

CL-02-053119-AMSD

Tot Ion:	79	Resp:	988263
Ion Ratio	Lower	Upper	
79	100		
108	82.5	66.8	100.2
77	62.1	50.6	76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.073 ng

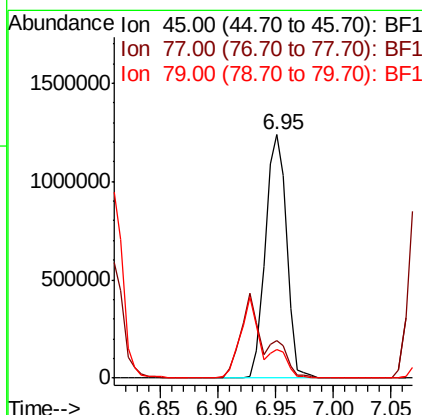
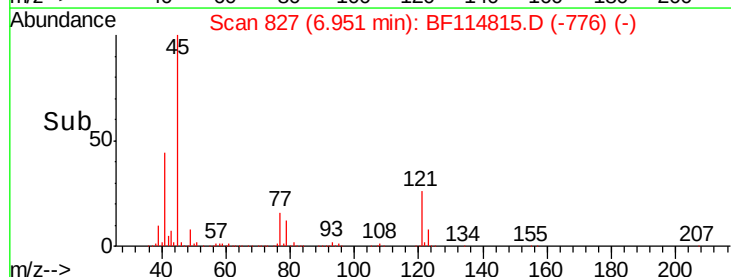
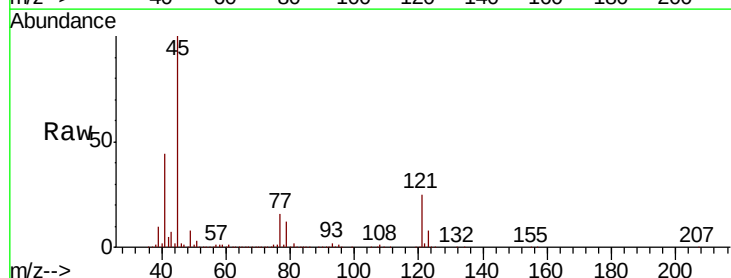
RT: 6.95 min Scan# 827

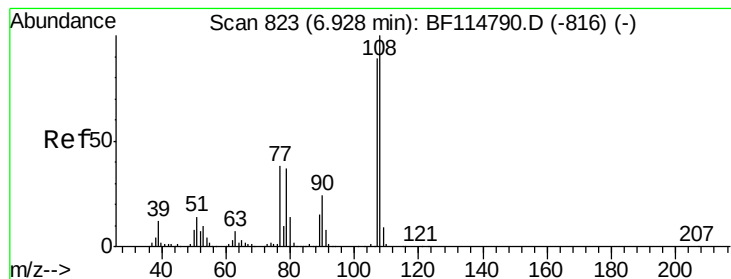
Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Tgt Ion:	45	Resp:	1595588
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	35.8
79	11.9	0.0	32.0





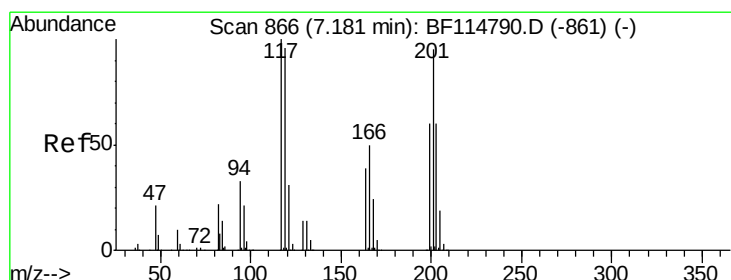
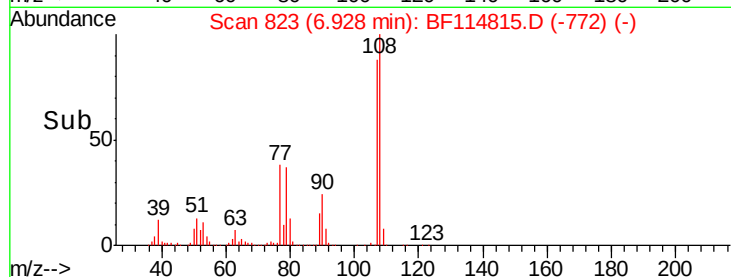
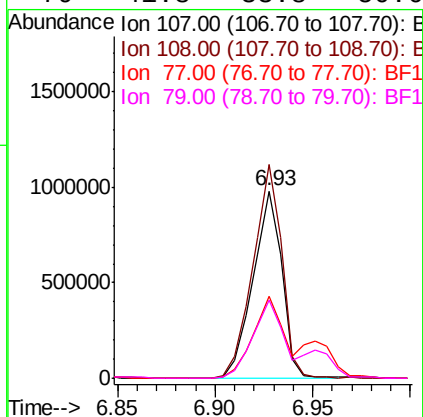
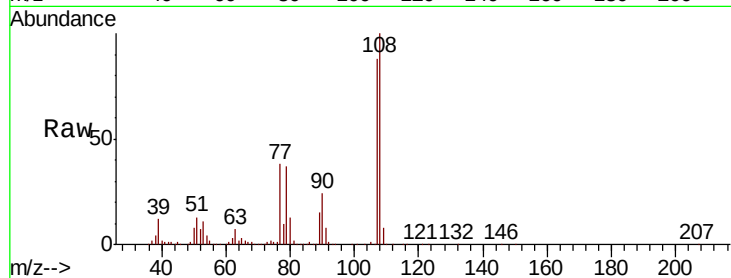
#17
2-Methylphenol
Concen: 34.661 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.2	135.2
77	43.7	34.5	51.7
79	41.8	33.8	50.6

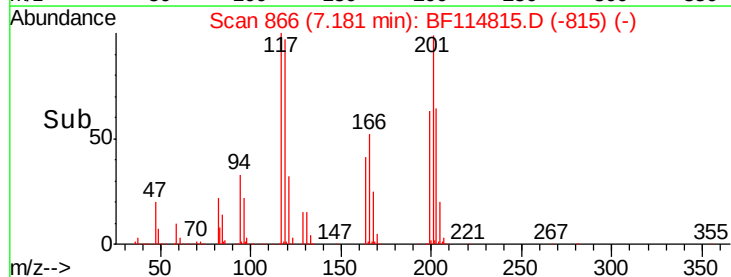
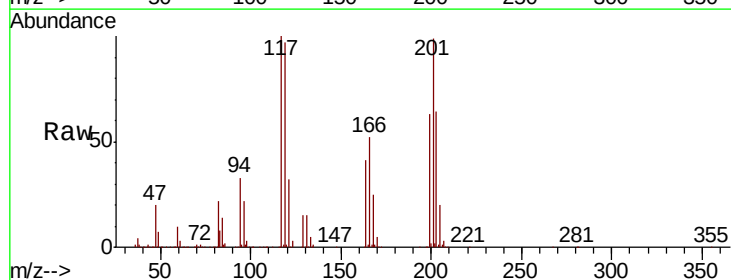
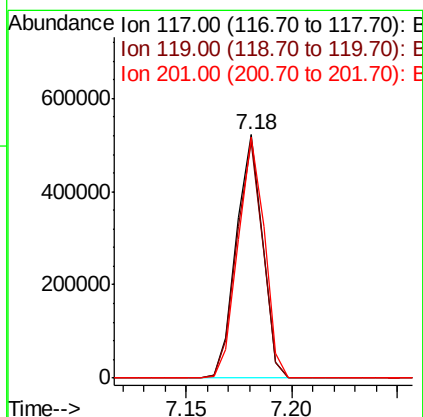
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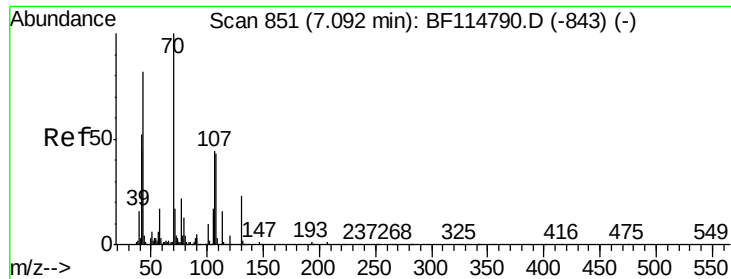
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#18
Hexachloroethane
Concen: 29.896 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.0	115.4
201	99.2	76.0	114.0





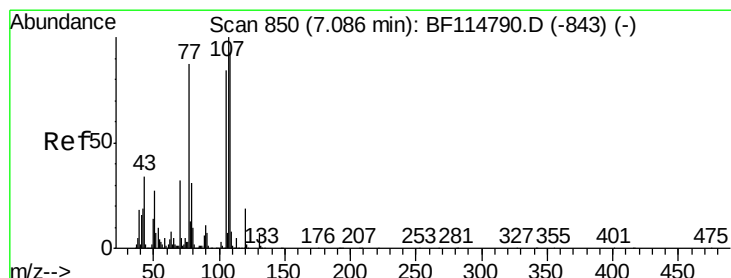
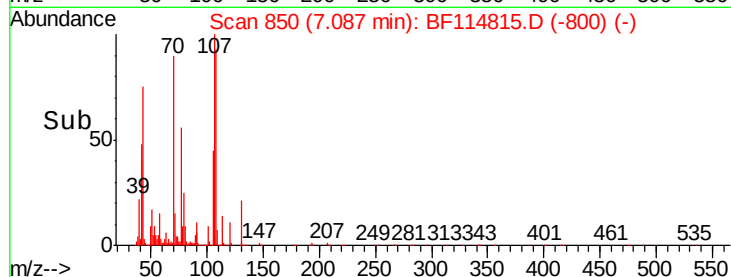
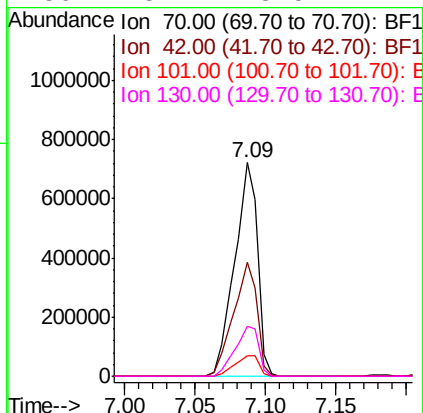
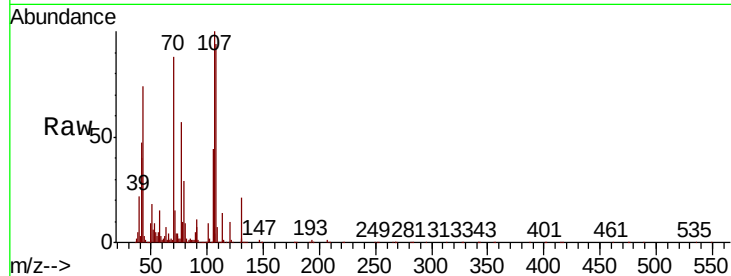
#19
n-Nitroso-di-n-propylamine
Concen: 34.313 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.5	41.8	62.8	
101	9.8	8.2	12.4	
130	23.4	18.5	27.7	

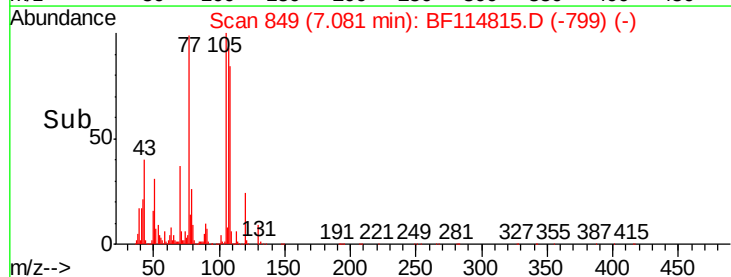
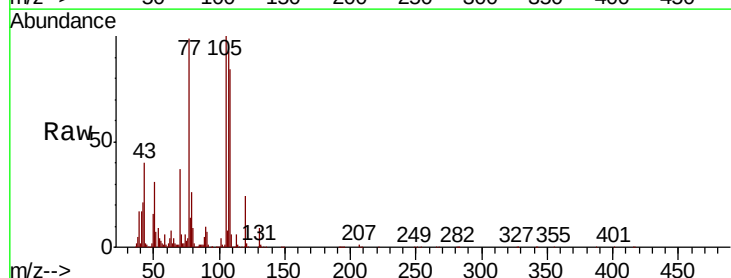
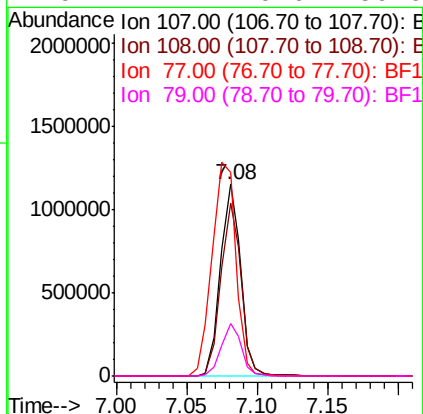
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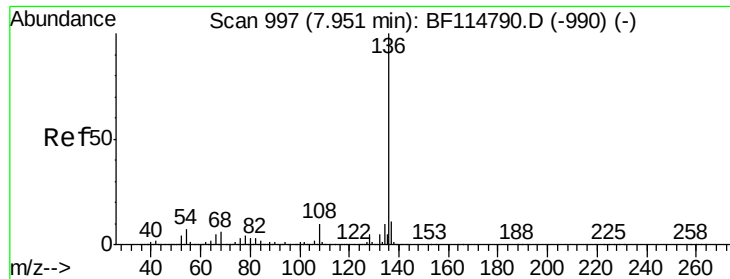
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#20
3+4-Methylphenols
Concen: 35.948 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	73.5	113.5	
77	106.2	67.2	107.2	
79	27.7	10.6	50.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

Tot Ion:136 Resp: 1968308

Ion Ratio Lower Upper

136 100

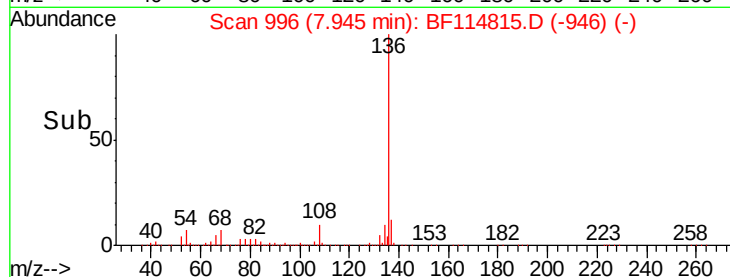
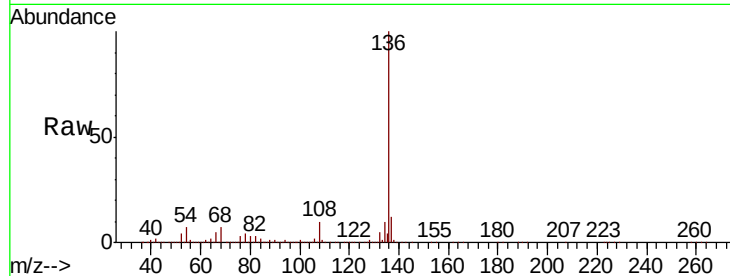
137 11.8 9.1 13.7

54 7.4 5.4 8.0

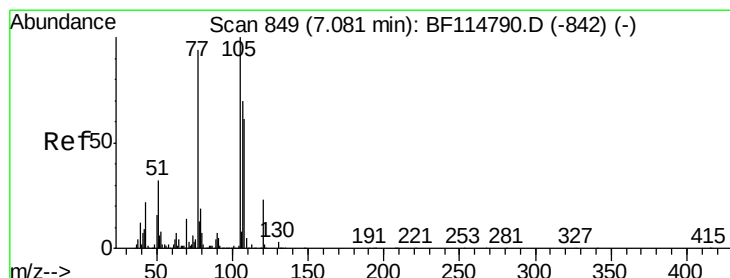
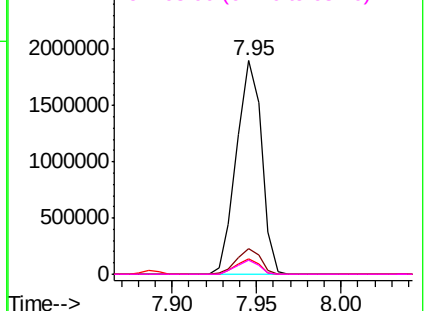
68 6.6 4.6 6.8

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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: 37.561 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Tgt Ion:105 Resp: 1627690

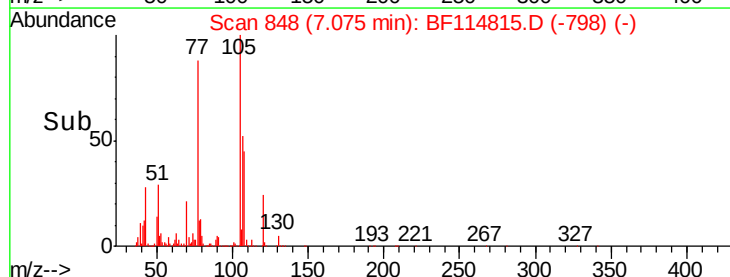
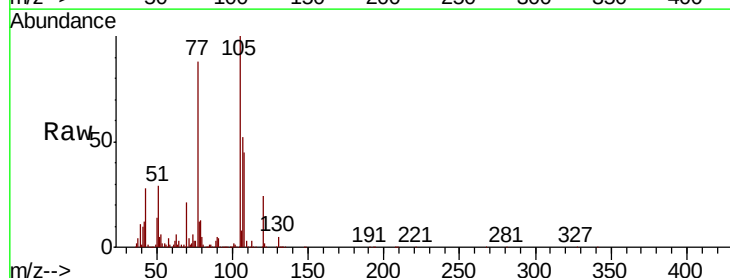
Ion Ratio Lower Upper

105 100

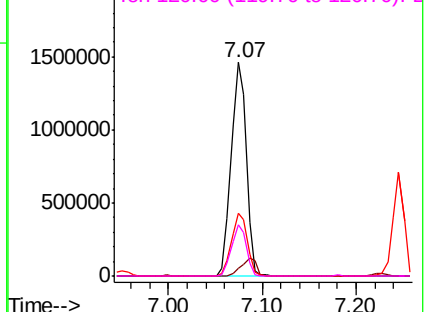
71 3.6 2.0 3.0#

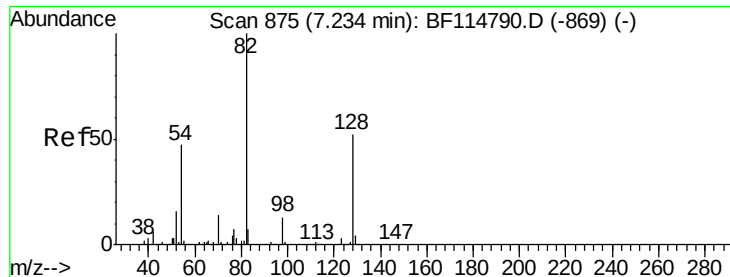
51 29.4 25.4 38.0

120 23.7 18.7 28.1



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





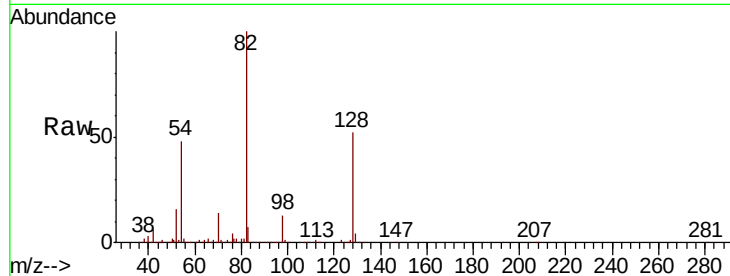
#23
 Nitrobenzene-d5
 Concen: 73.911 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF114815.D
 Acq: 5 Jun 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.4	41.8	62.6
54	47.9	37.9	56.9

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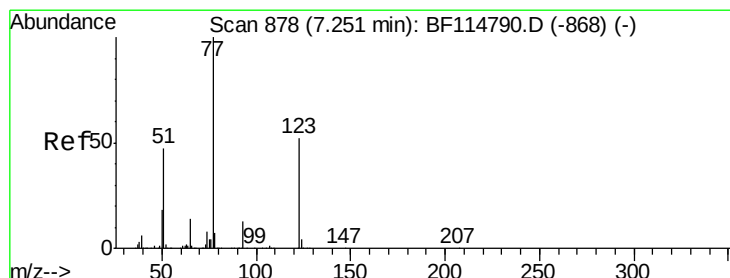
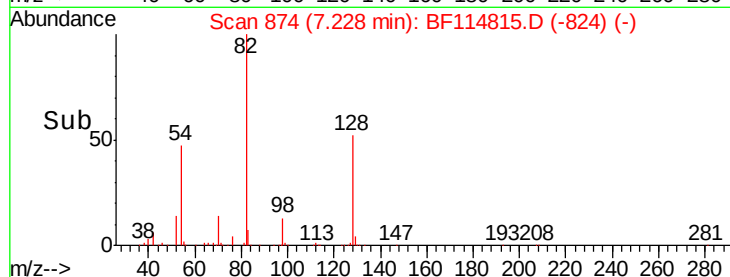
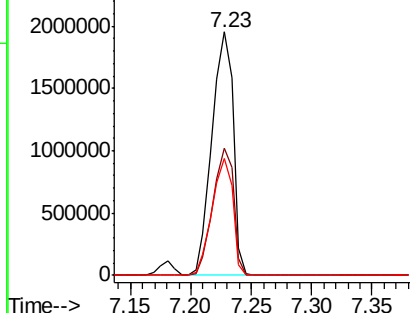


Abundance

Ion 82.00 (81.70 to 82.70): BF1

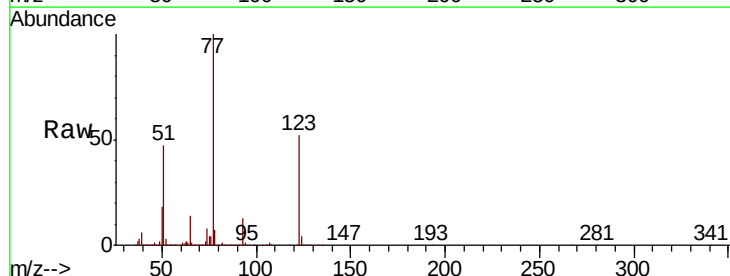
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 37.738 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF114815.D
 Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.3	41.5	62.3
65	13.5	10.8	16.2

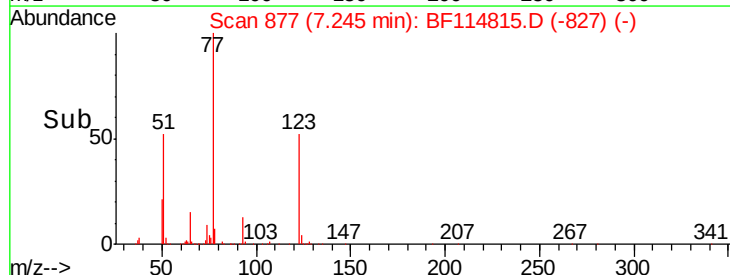
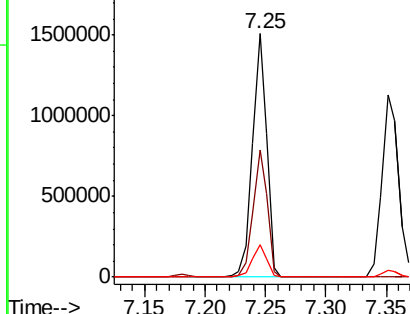


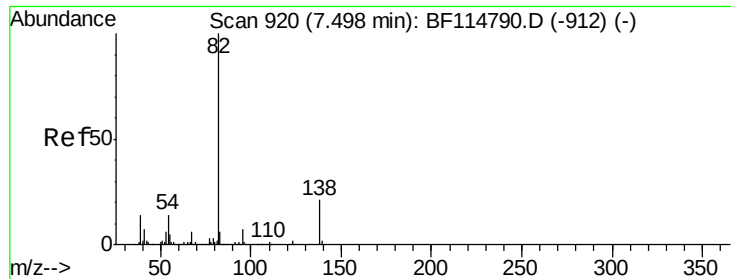
Abundance

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





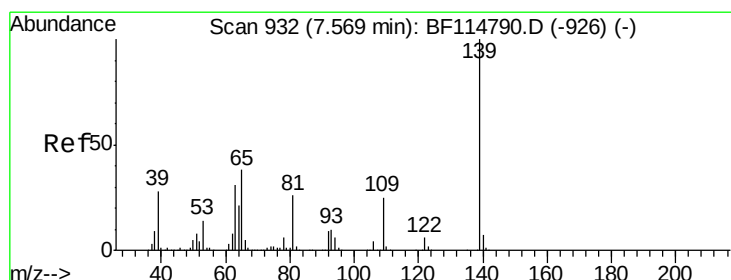
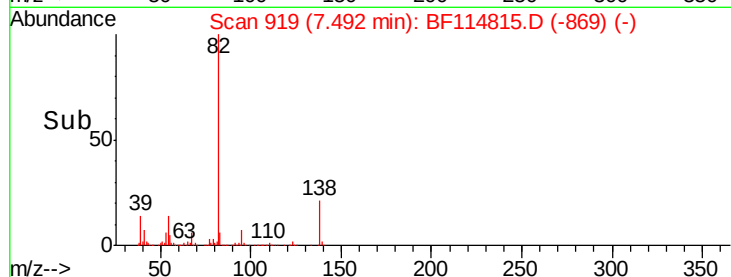
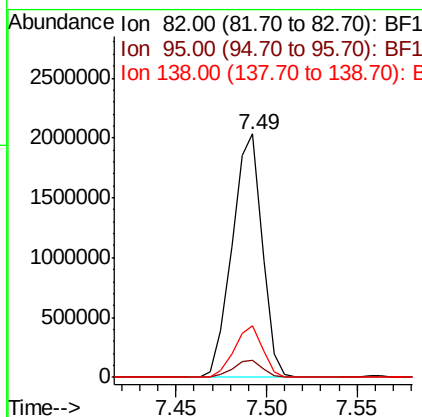
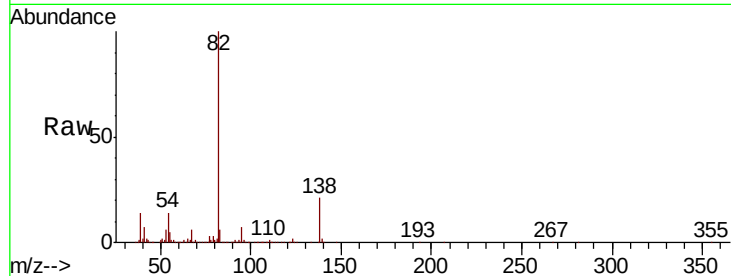
#25
Isophorone
Concen: 36.983 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	82	Resp	2337797
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.8
138	21.2	16.9	25.3

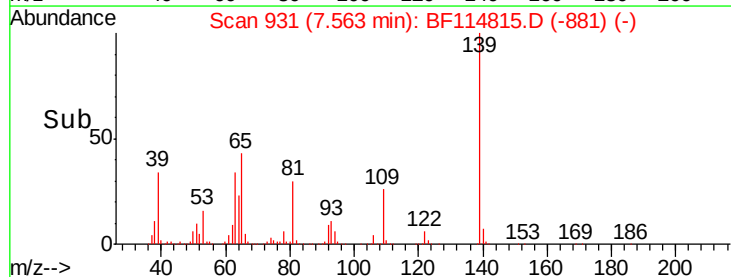
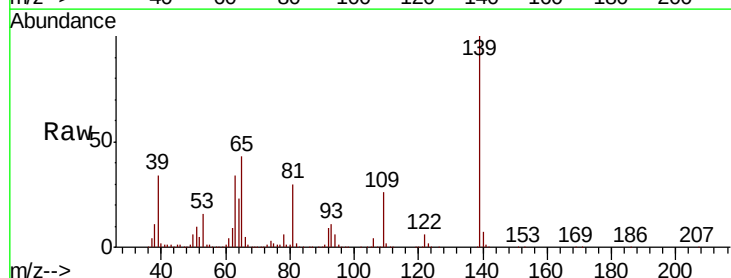
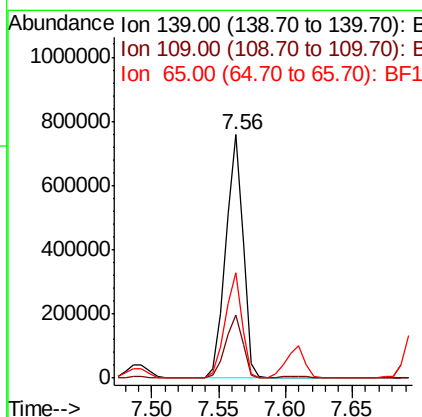
Manual Integrations
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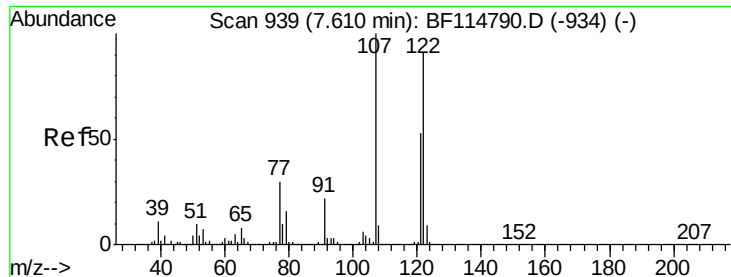
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#26
2-Nitrophenol
Concen: 39.149 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	139	Resp	702357
Ion Ratio	Lower	Upper	
139	100		
109	26.0	20.4	30.6
65	43.2	30.5	45.7





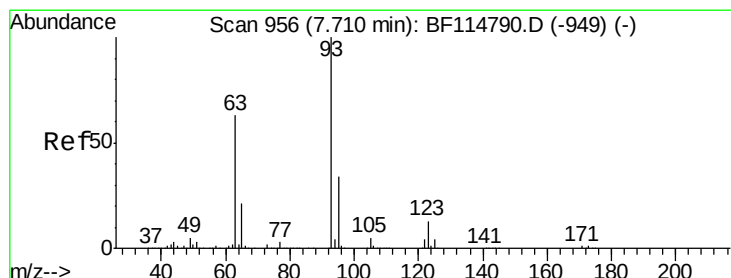
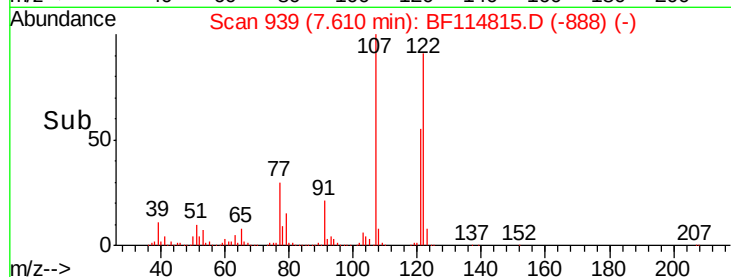
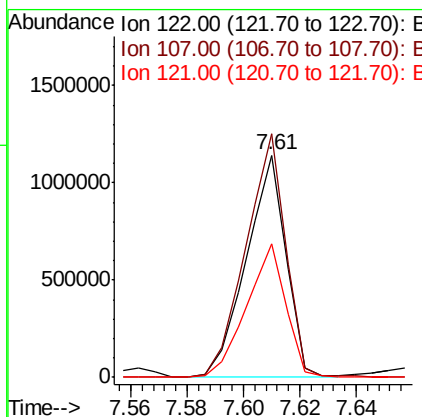
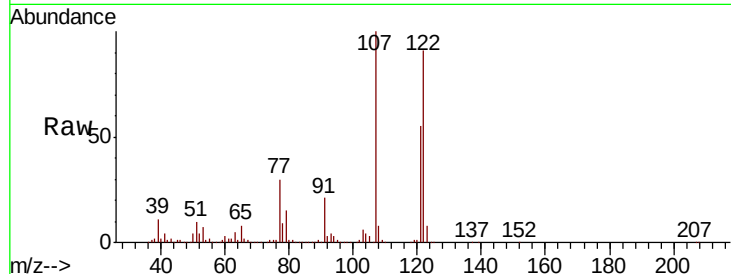
#27
2,4-Dimethylphenol
Concen: 40.772 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.6	87.9	131.9
121	59.8	46.4	69.6

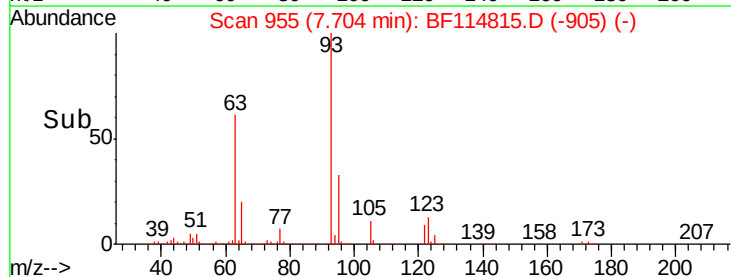
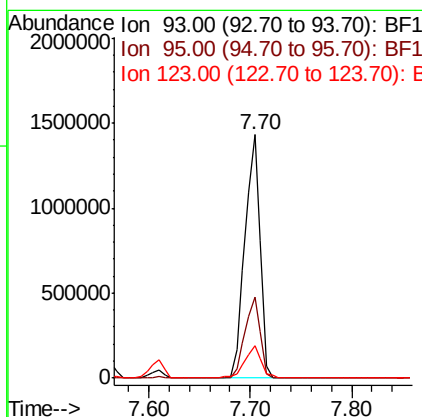
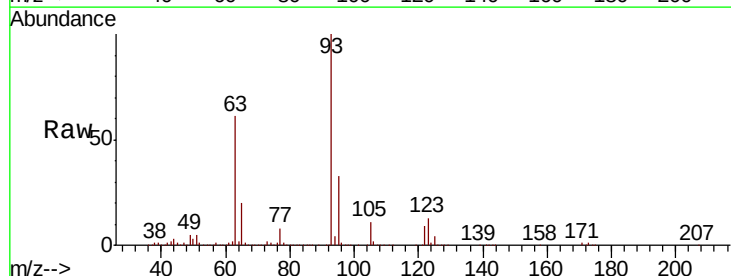
Manual Integrations
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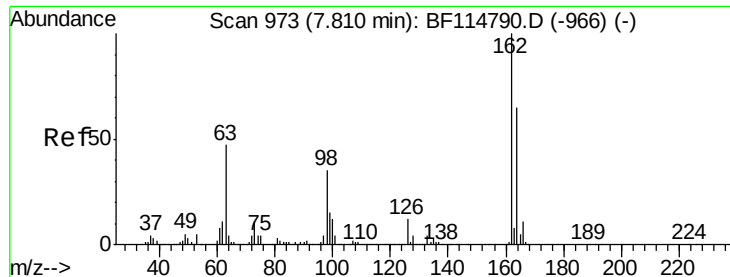
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#28
bis(2-Chloroethoxy)methane
Concen: 37.033 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.9	40.3
123	13.1	10.4	15.6





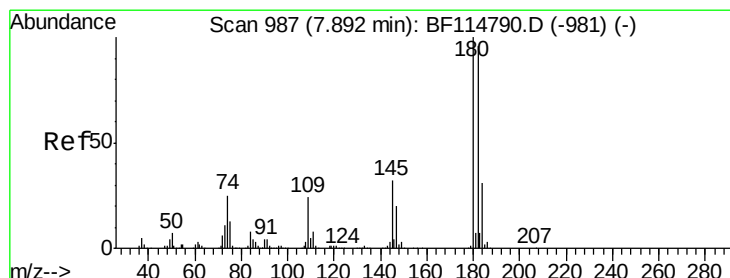
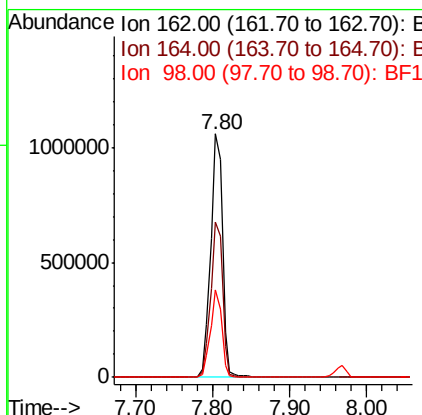
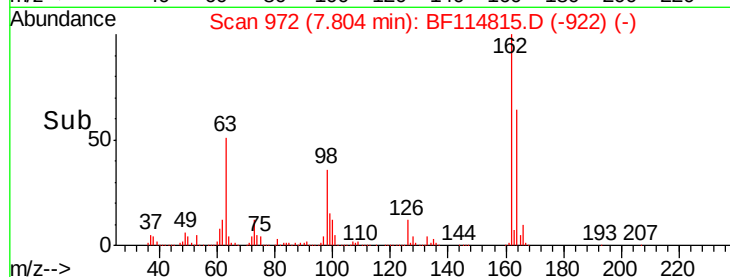
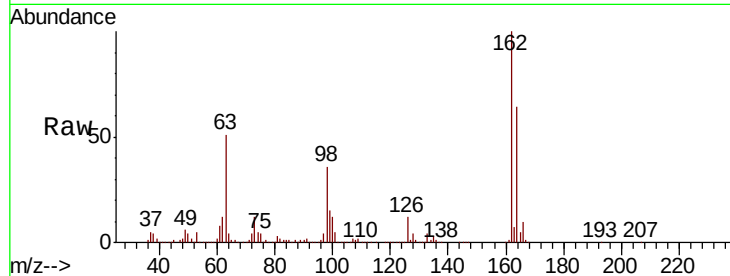
#29
2,4-Dichlorophenol
Concen: 38.968 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.1	85.1
98	36.0	14.6	54.6

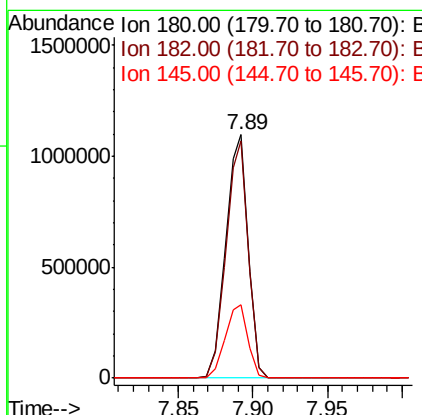
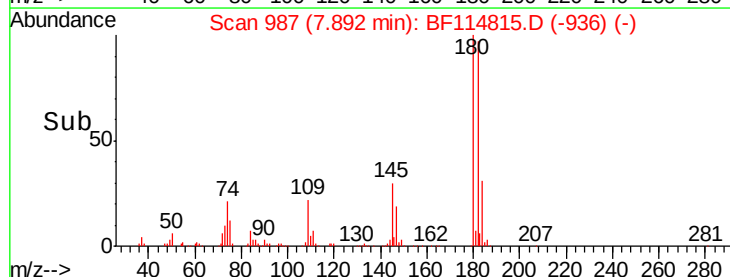
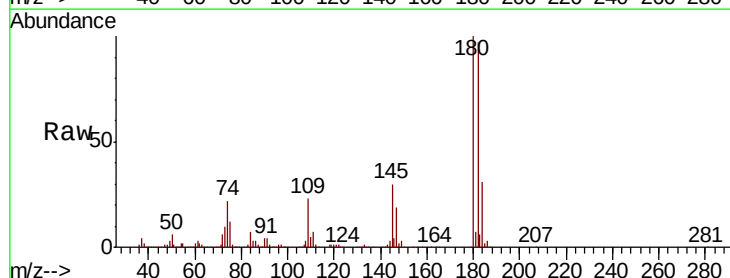
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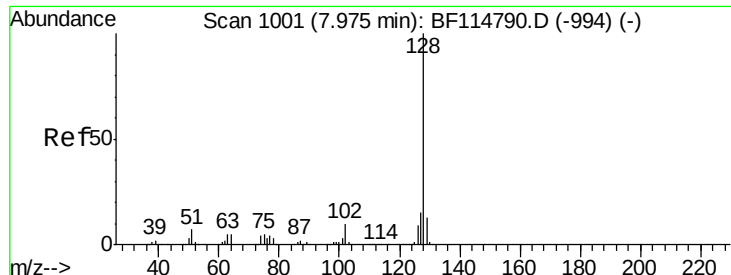
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#30
1,2,4-Trichlorobenzene
Concen: 35.248 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.5	114.7
145	30.4	25.8	38.8





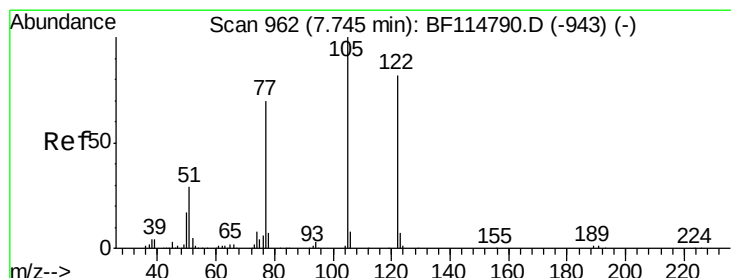
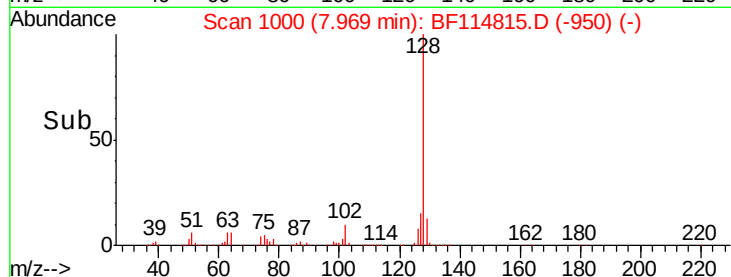
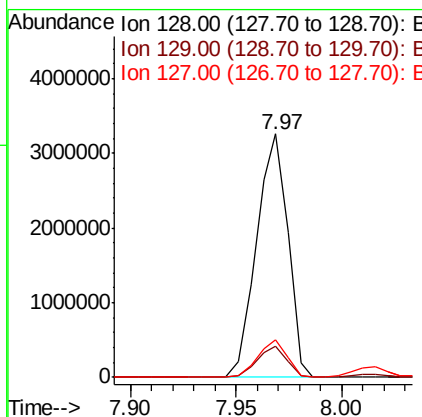
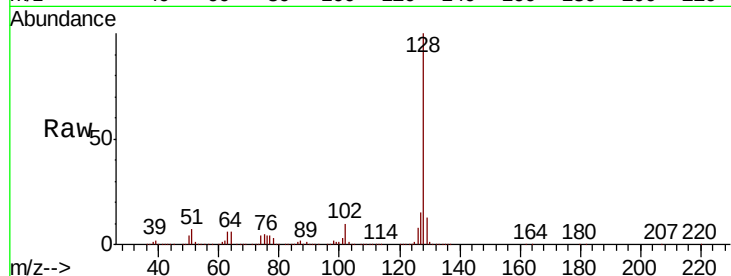
#31
Naphthalene
Concen: 37.982 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.0	15.0
127	15.2	12.2	18.2

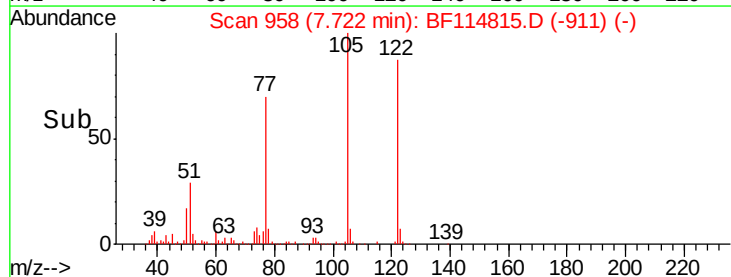
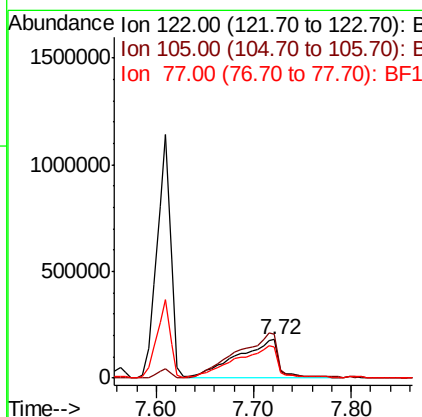
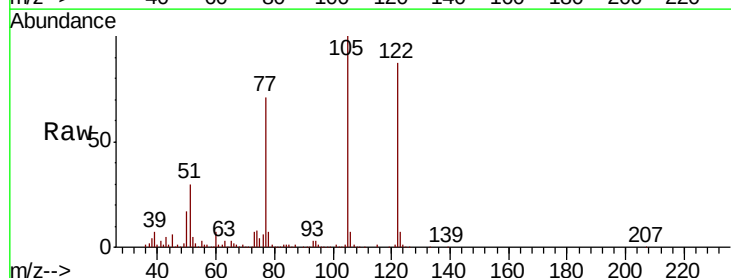
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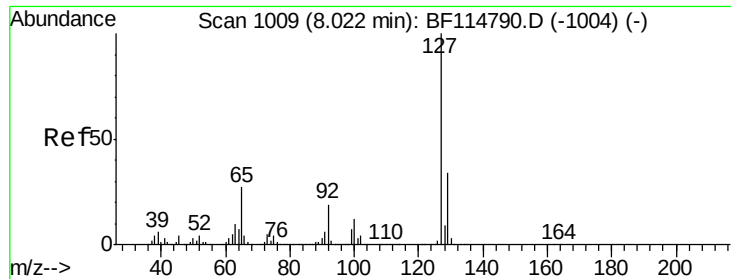
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#32
Benzoic acid
Concen: 26.403 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.3	98.7	138.7
77	82.3	64.8	104.8





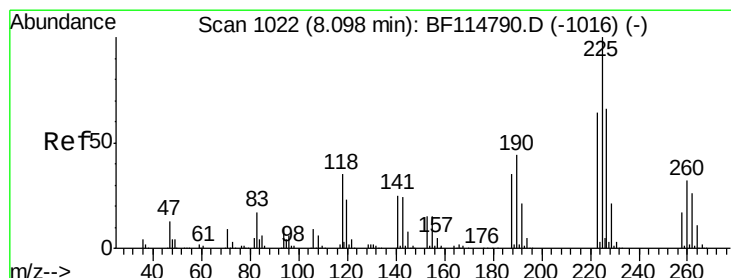
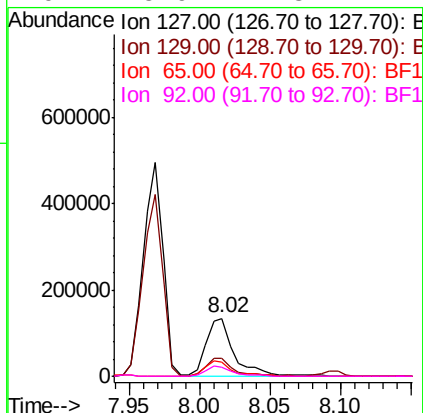
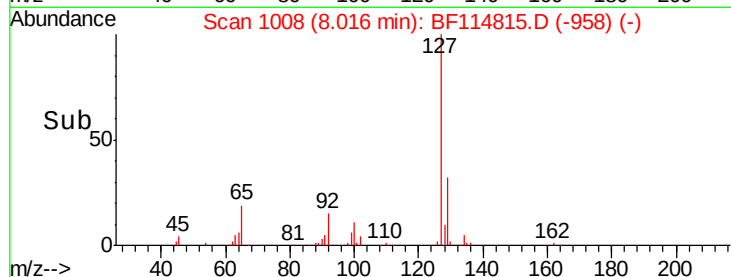
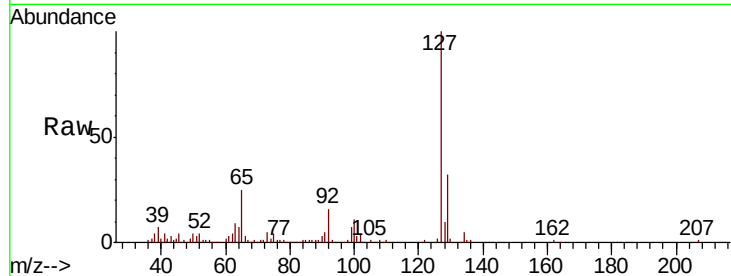
#33
4-Chloroaniline
Concen: 4.232 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	178911		
129	31.9	26.9	40.3	
65	24.5	21.7	32.5	
92	15.9	14.8	22.2	

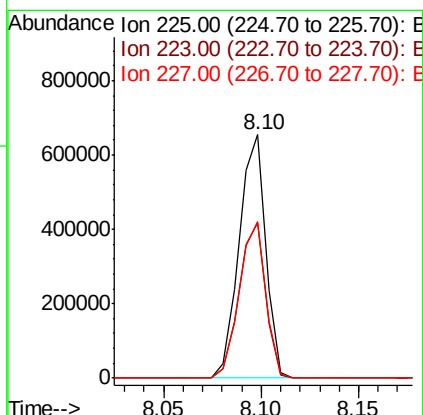
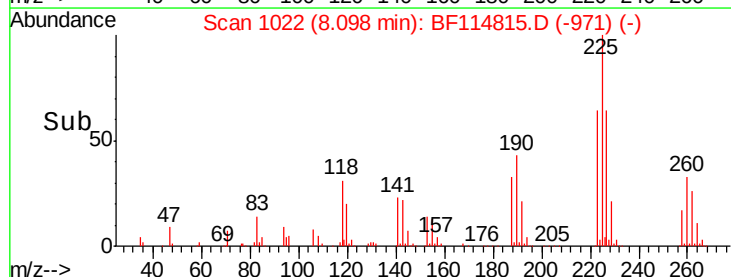
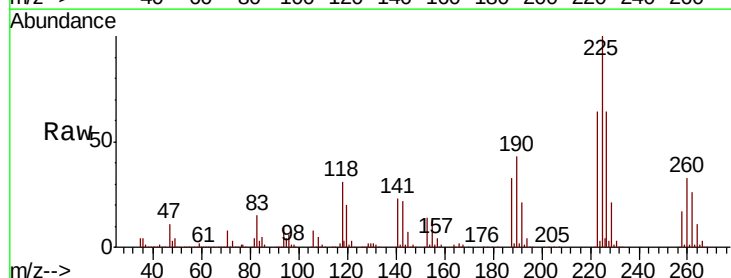
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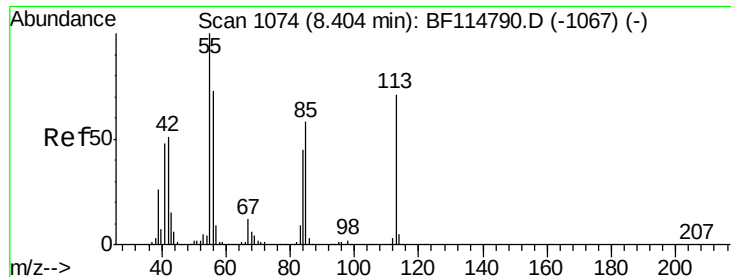
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#34
Hexachlorobutadiene
Concen: 32.933 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	616339		
223	63.5	51.0	76.6	
227	64.4	52.6	78.8	





#35

Caprolactam

Concen: 31.886 ng/ml

RT: 8.39 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA_F

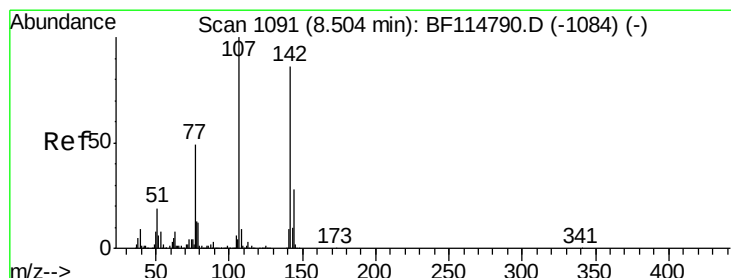
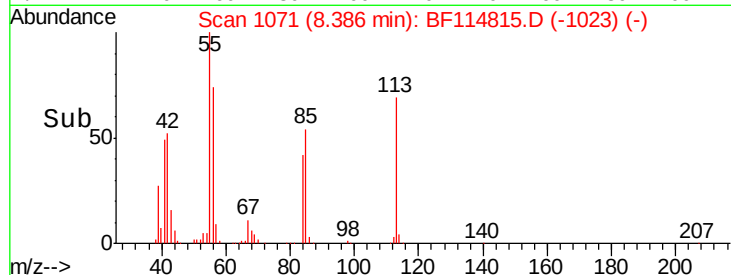
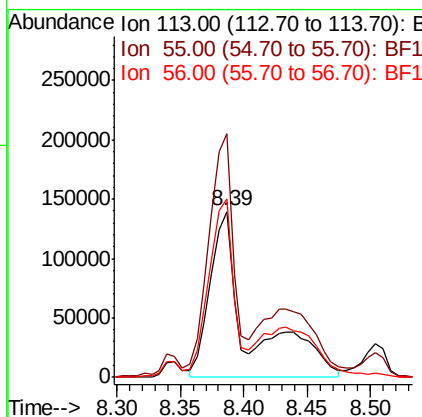
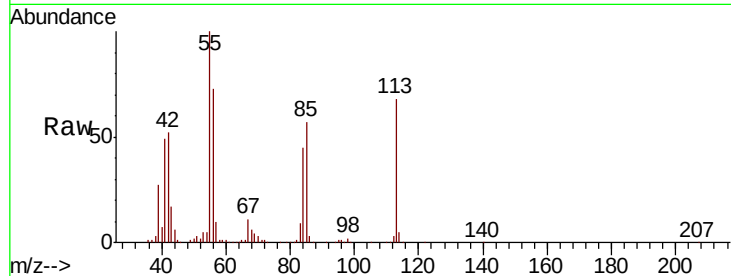
ClientSampleId :

CL-02-053119-AMSD

Tot Ion:	113	Resp:	298825
Ion Ratio	Lower	Upper	
113	100		
55	146.6	121.1	161.1
56	107.7	82.6	122.6

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6/6/2019 4:49:47 PM



#36

4-Chloro-3-methylphenol

Concen: 40.816 ng/ml

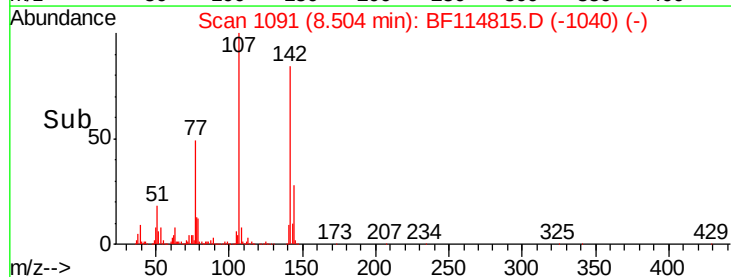
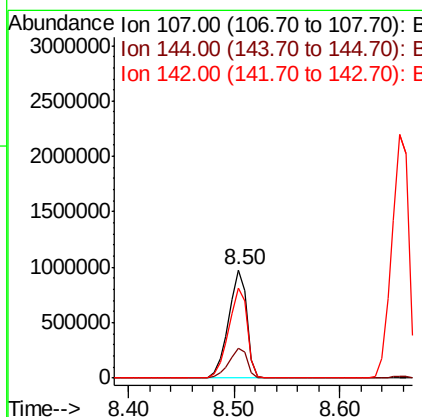
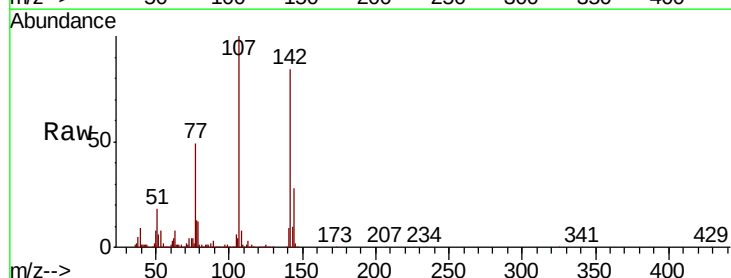
RT: 8.50 min Scan# 1091

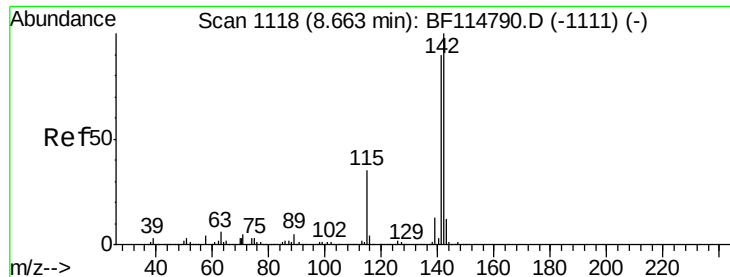
Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Tgt Ion:	107	Resp:	1165180
Ion Ratio	Lower	Upper	
107	100		
144	28.2	22.1	33.1
142	83.7	68.4	102.6





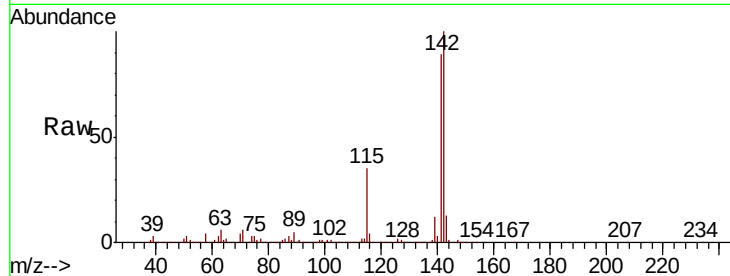
#37
2-Methylnaphthalene
Concen: 40.075 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.6	107.4
115	35.2	28.2	42.4

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6/6/2019 4:49:47 PM

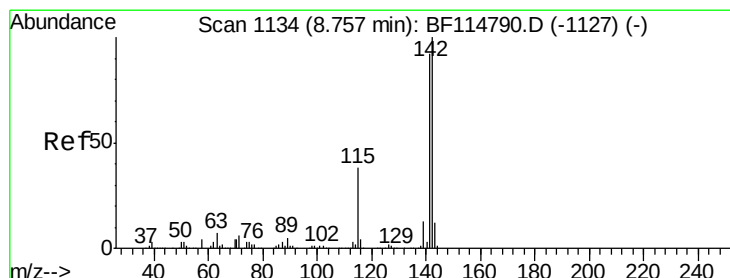
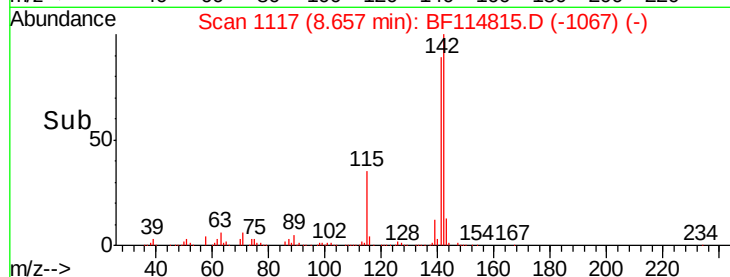
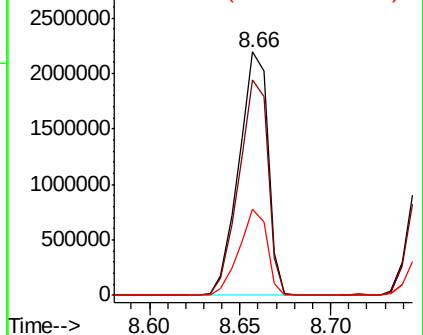


Abundance

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: 40.192 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

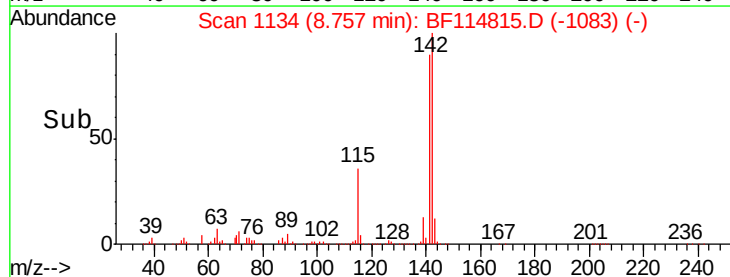
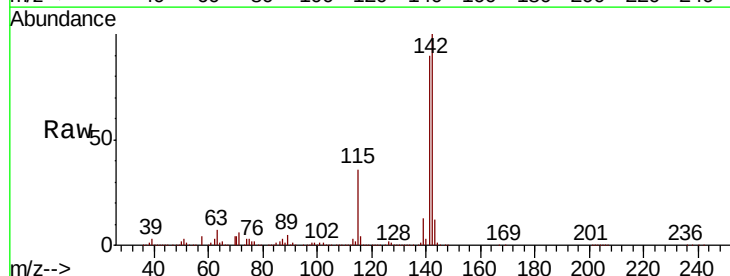
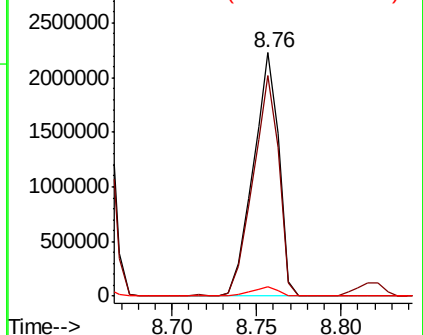
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.8	110.6
116	3.9	3.3	4.9

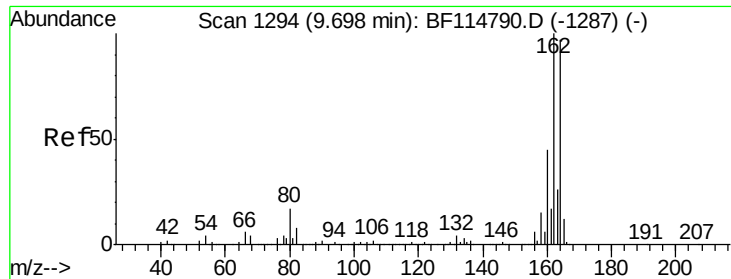
Abundance

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





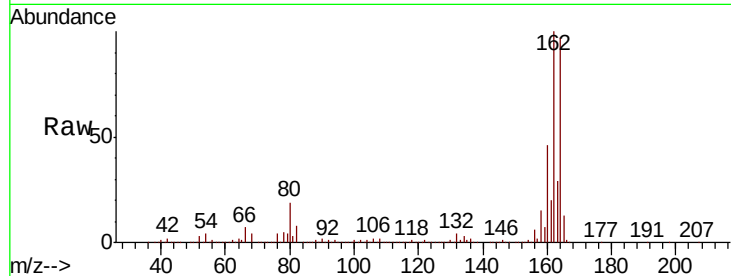
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.3	123.5
160	46.8	36.7	55.1

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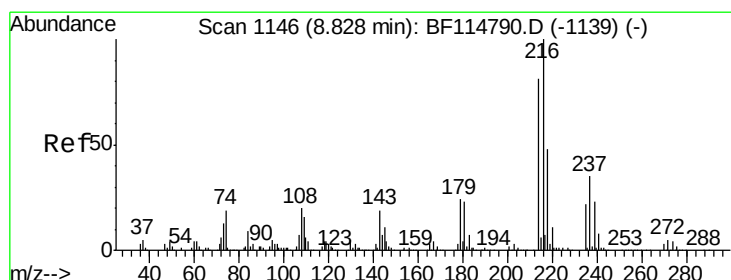
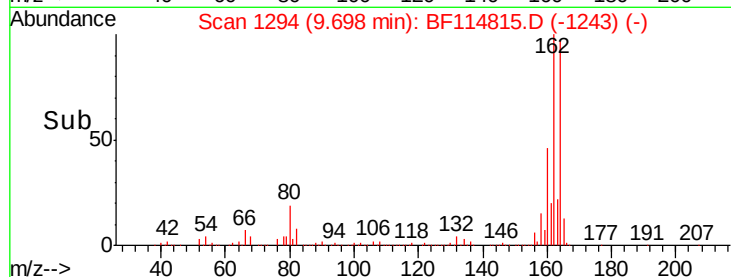
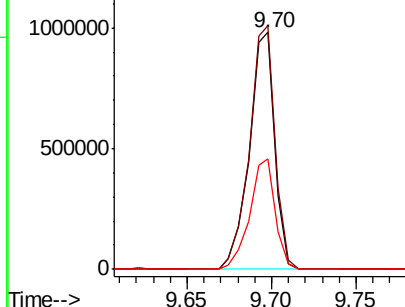


Abundance

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: 35.483 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.2
179	22.5	18.3	27.5
108	20.7	15.5	23.3

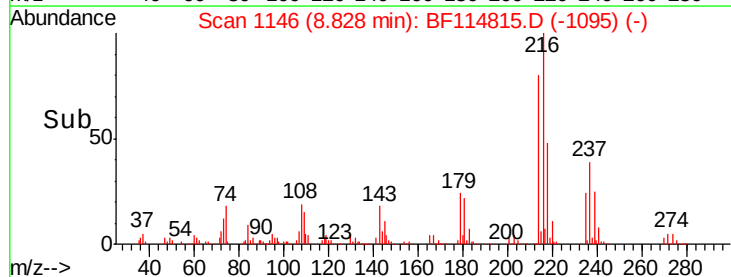
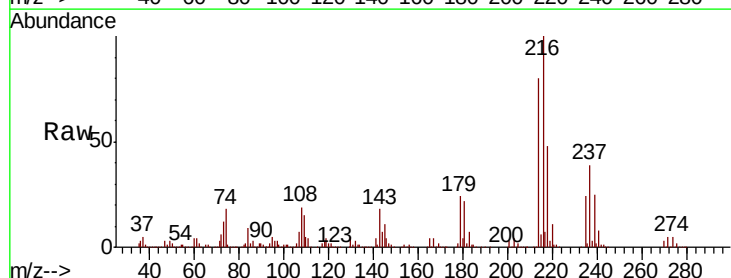
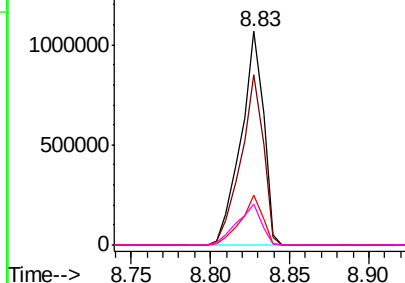
Abundance

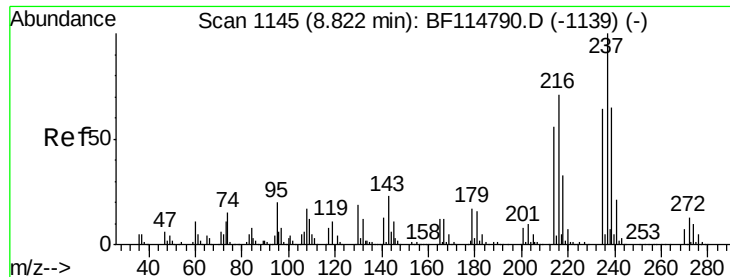
Ion 216.00 (215.70 to 216.70): E

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: 60.166 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA_F

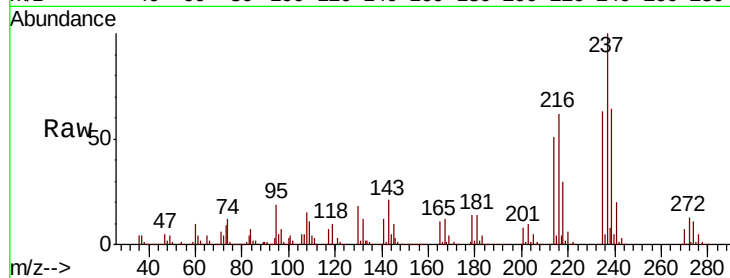
ClientSampleId :

CL-02-053119-AMSD

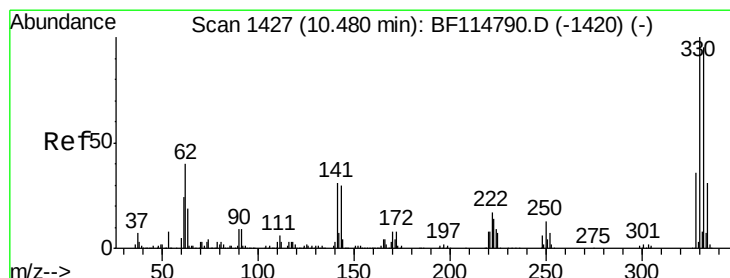
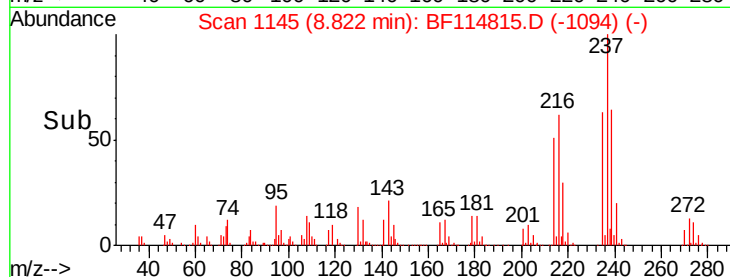
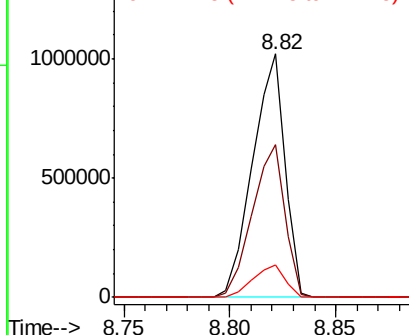
Tot Ion:	237	Resp:	1083131
Ion Ratio	Lower	Upper	
237	100		
235	62.7	44.0	84.0
272	13.2	0.0	33.4

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



#42

2,4,6-Tribromophenol

Concen: 109.350 ng

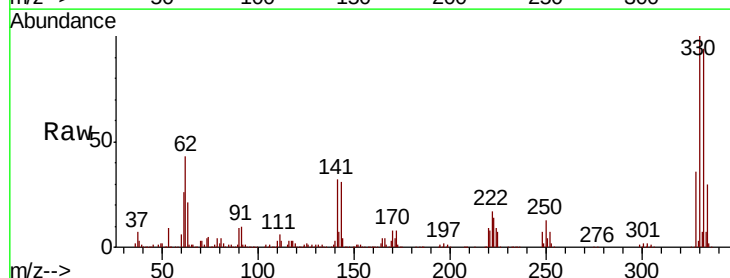
RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

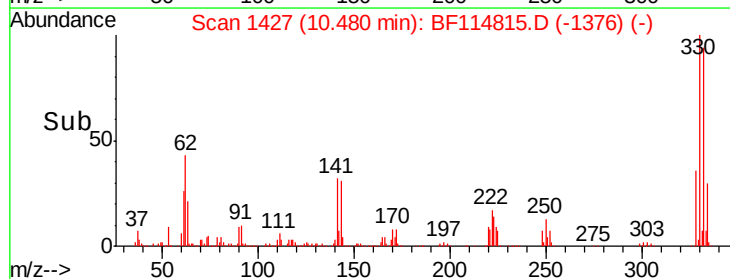
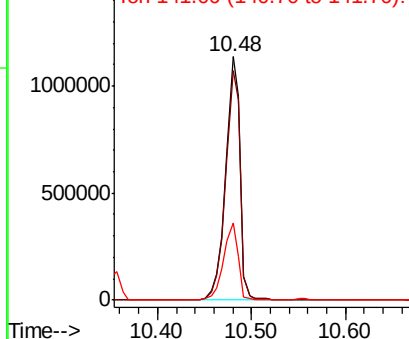
Lab File: BF114815.D

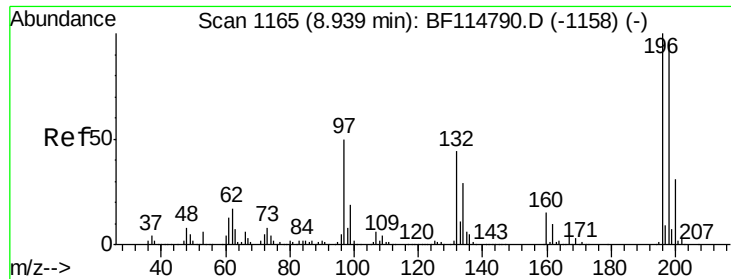
Acq: 5 Jun 2019 12:38

Tgt Ion:	330	Resp:	1213752
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.3	115.9
141	32.2	26.2	39.4



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





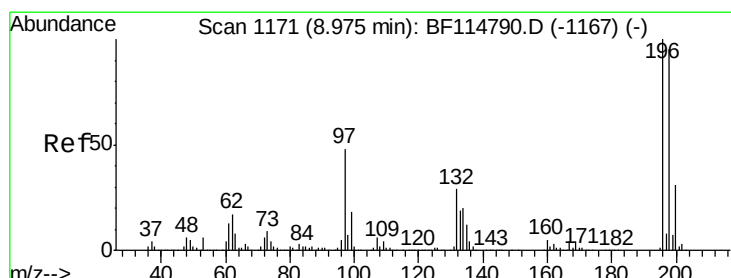
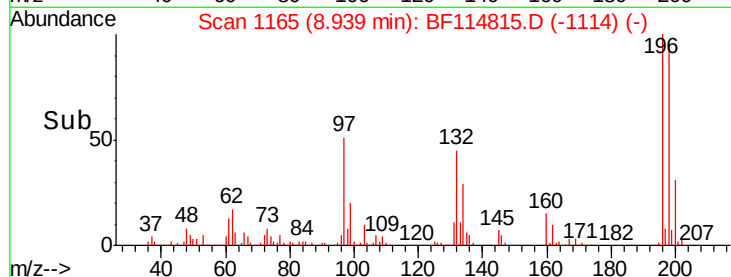
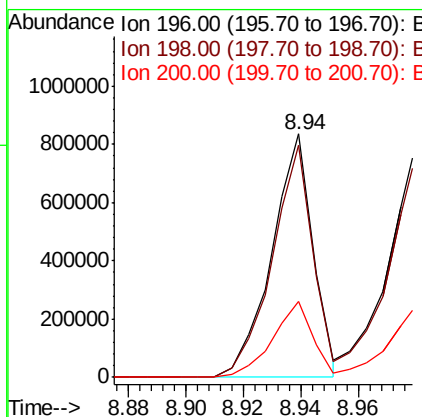
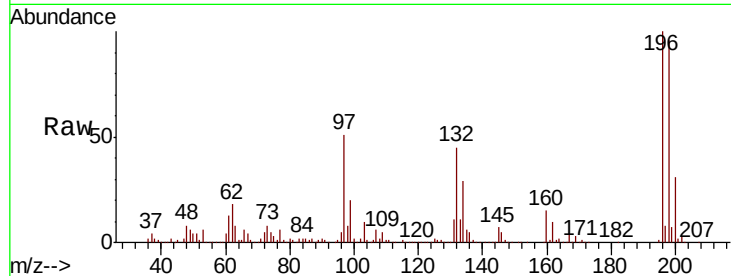
#43
 2,4,6-Trichlorophenol
 Concen: 35.887 ng m
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF114815.D
 Acq: 5 Jun 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.1	115.7
200	31.1	24.6	36.8

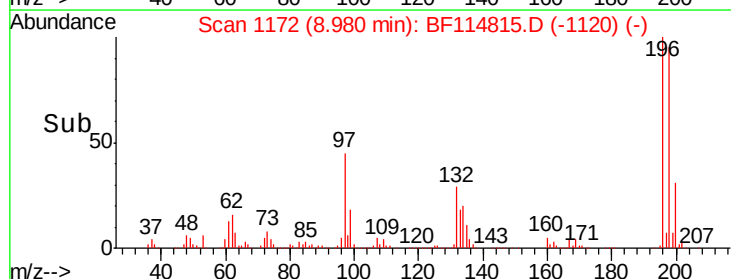
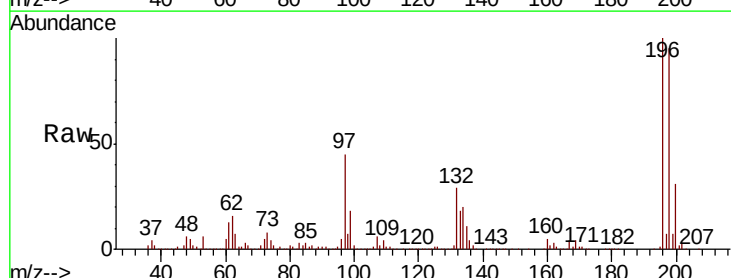
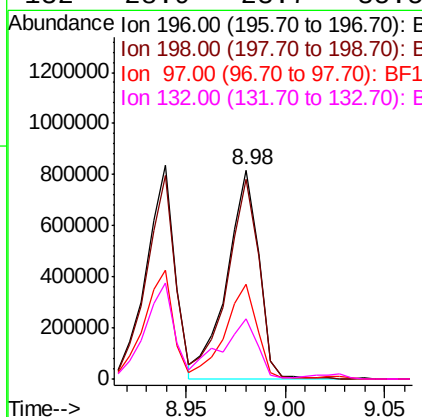
Manual Integrations
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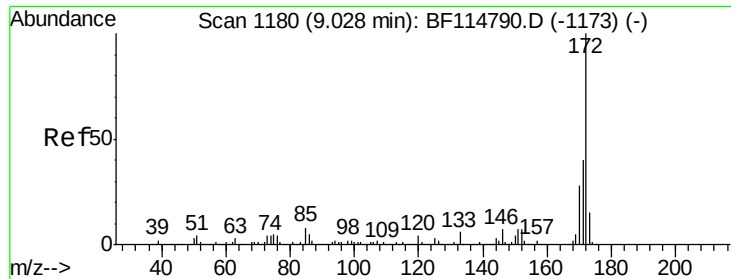
mohammad
 6/6/2019 4:49:47 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.811 ng m
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114815.D
 Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.2	114.4
97	45.1	38.2	57.4
132	28.9	23.7	35.5





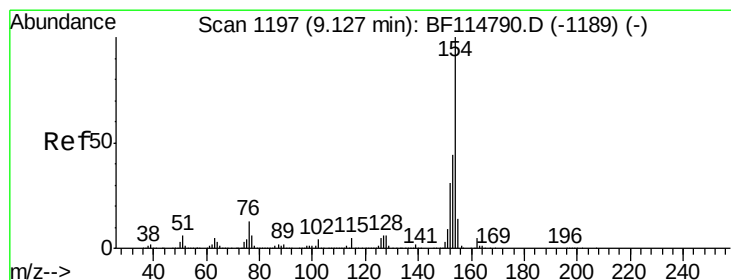
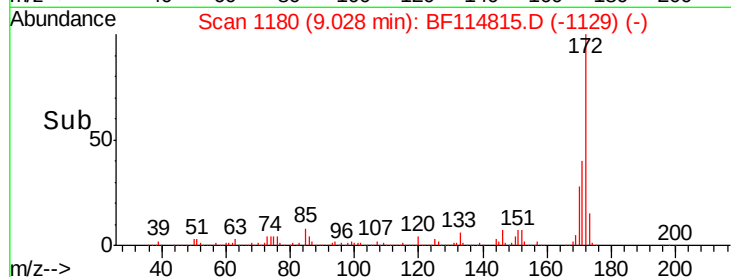
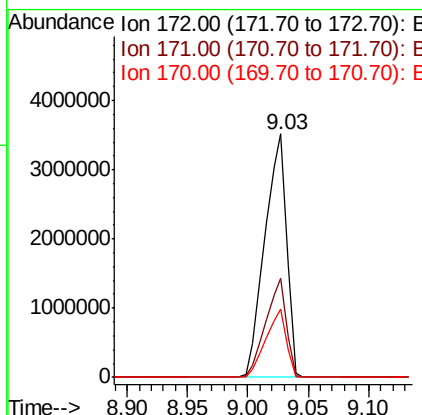
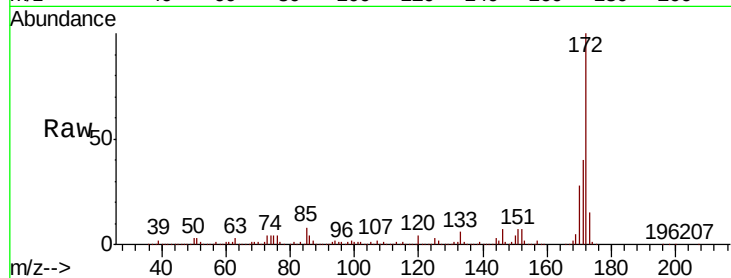
#45
2-Fluorobiphenyl
Concen: 80.125 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion:172 Resp: 4405544
Ion Ratio Lower Upper
172 100
171 40.4 32.3 48.5
170 28.0 22.4 33.6

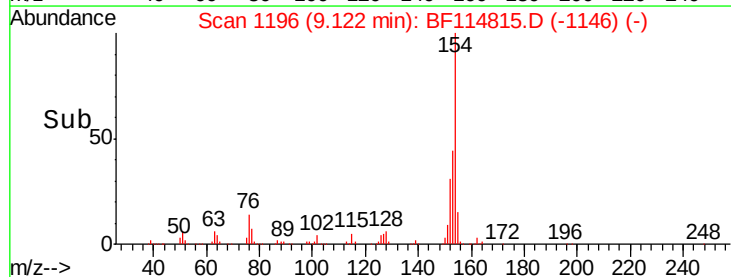
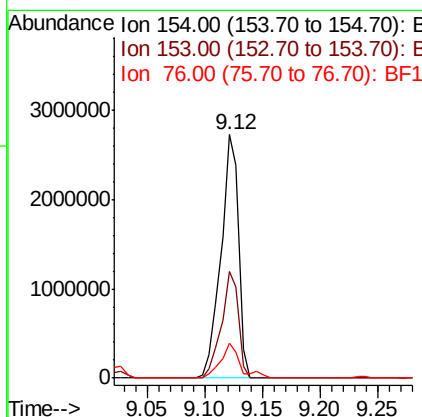
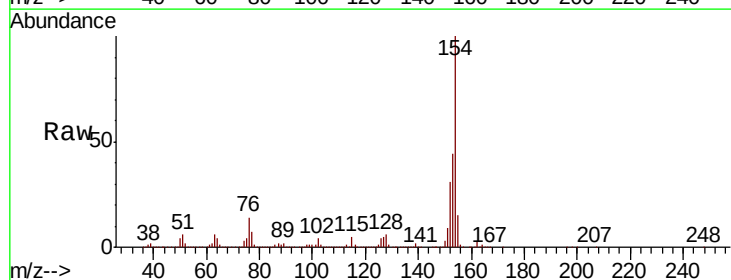
Manual Integrations
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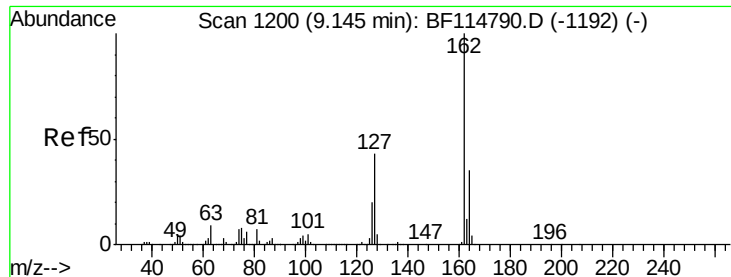
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#46
1,1'-Biphenyl
Concen: 37.744 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion:154 Resp: 2881269
Ion Ratio Lower Upper
154 100
153 43.7 23.9 63.9
76 14.4 0.0 33.2





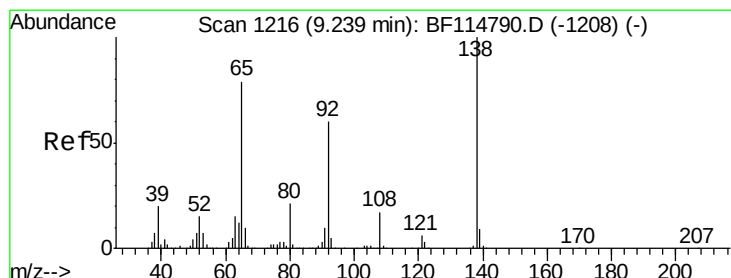
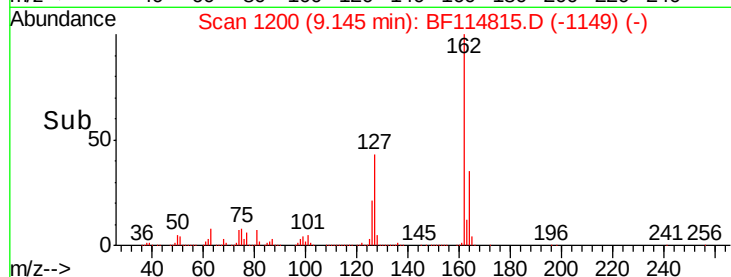
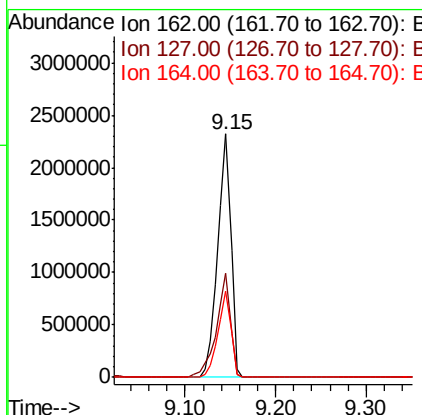
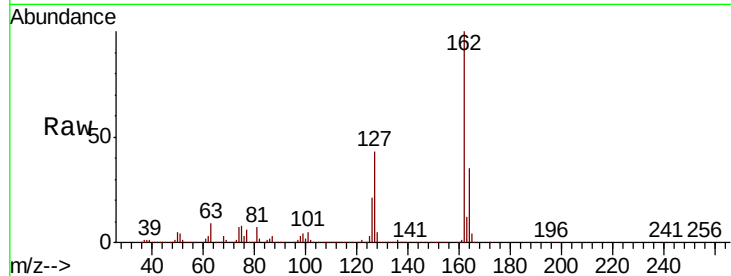
#47
 2-Chloronaphthalene
 Concen: 35.852 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF114815.D
 Acq: 5 Jun 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	34.6	51.8
164	35.5	27.8	41.8

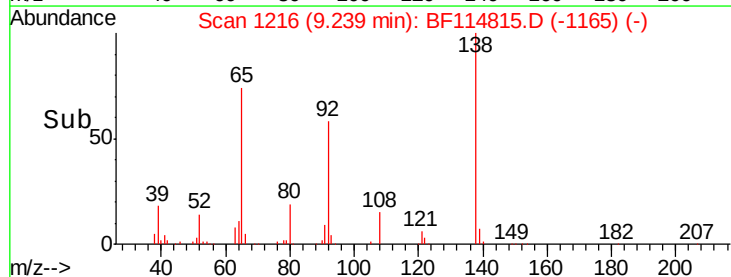
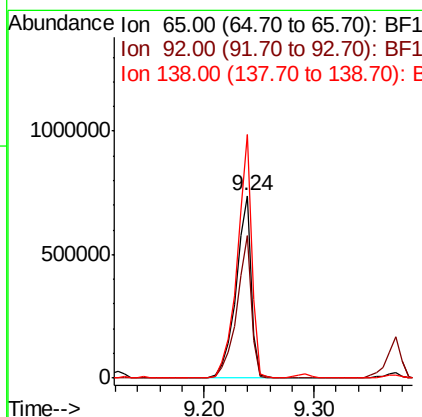
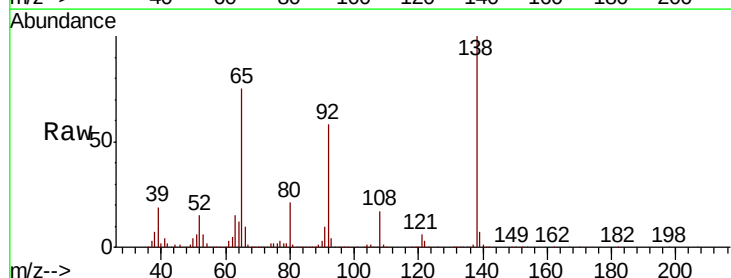
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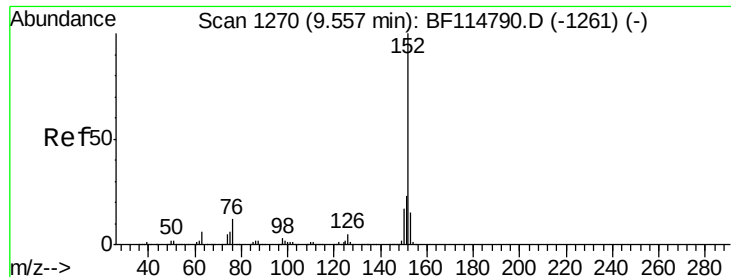
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#48
 2-Nitroaniline
 Concen: 36.927 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF114815.D
 Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.9	60.4	90.6
138	133.4	101.2	151.8





#49

Acenaphthylene

Concen: 38.133 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

Tot Ion:152 Resp: 3587022

Ion Ratio Lower Upper

152 100

151 23.4 18.3 27.5

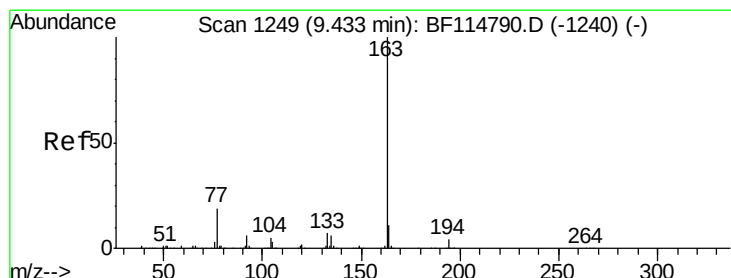
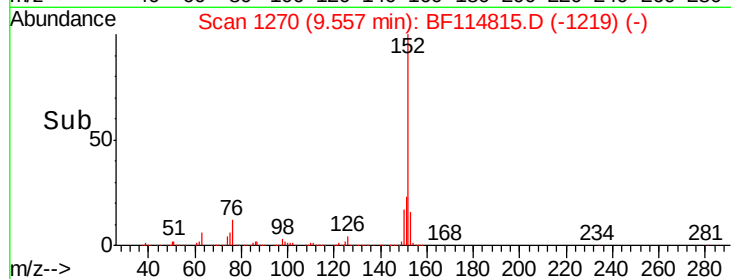
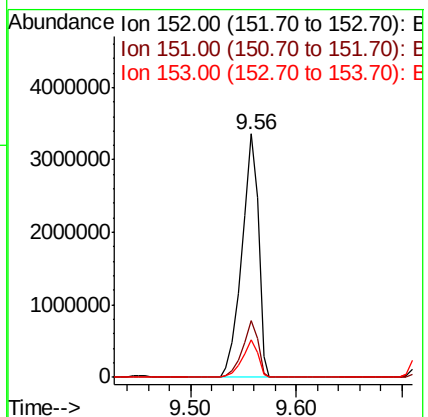
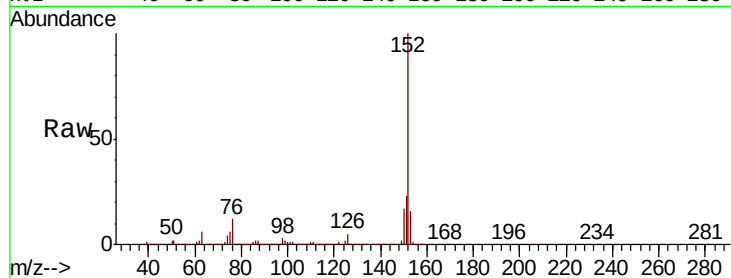
153 15.6 12.3 18.5

Manual Integrations

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#50

Dimethylphthalate

Concen: 37.737 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

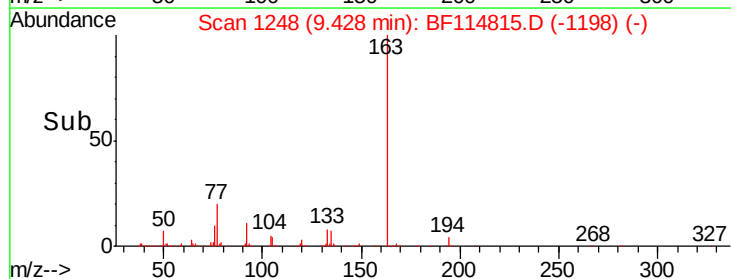
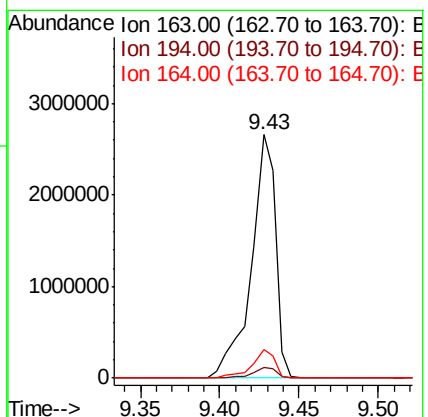
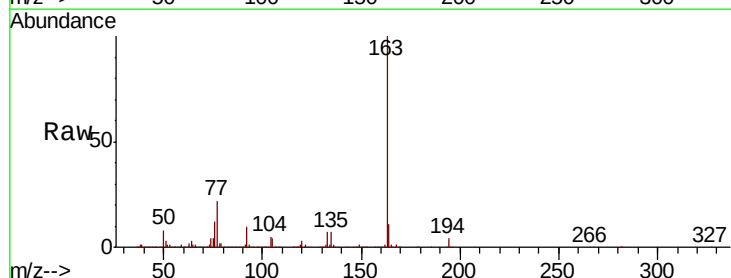
Tgt Ion:163 Resp: 2838819

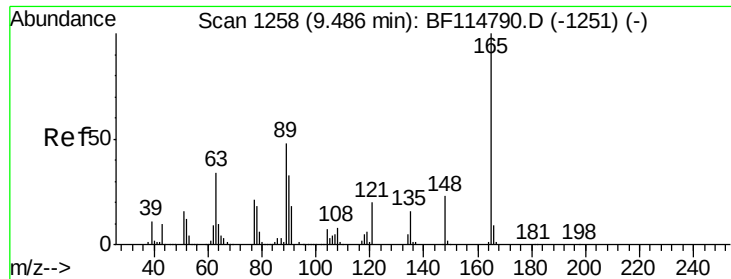
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 11.5 8.6 13.0





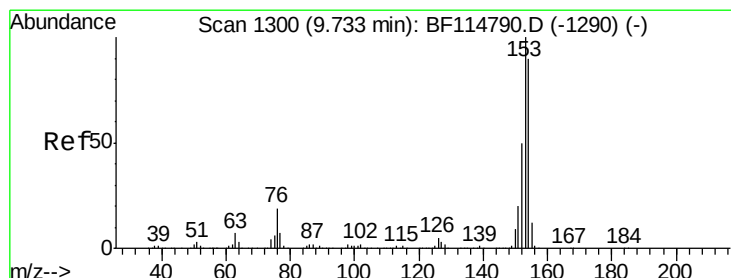
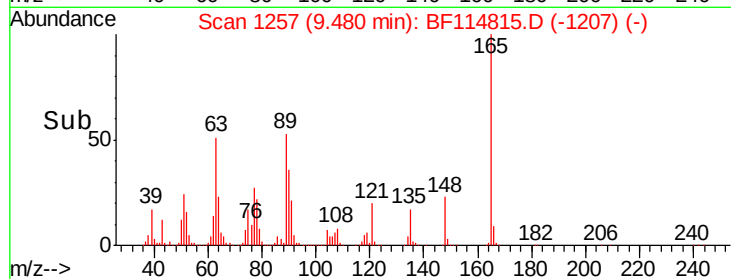
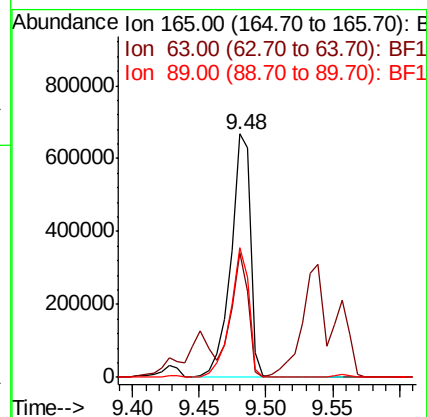
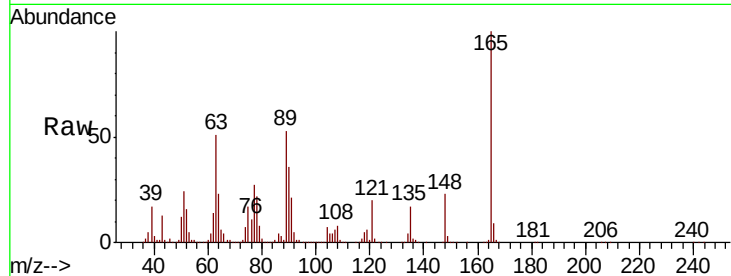
#51
 2,6-Dinitrotoluene
 Concen: 39.166 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF114815.D
 Acq: 5 Jun 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.9	35.1	52.7
89	53.4	38.2	57.2

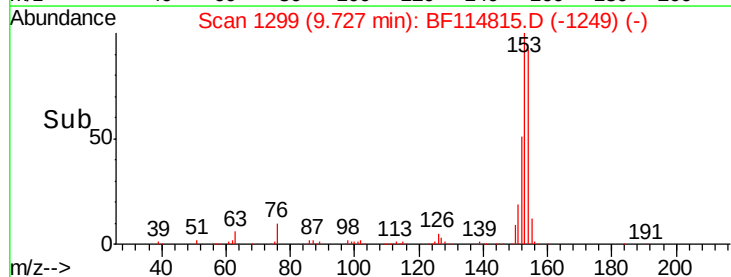
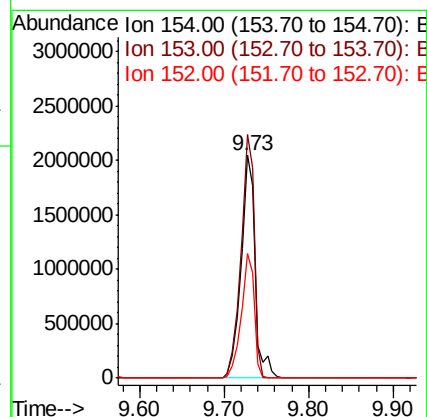
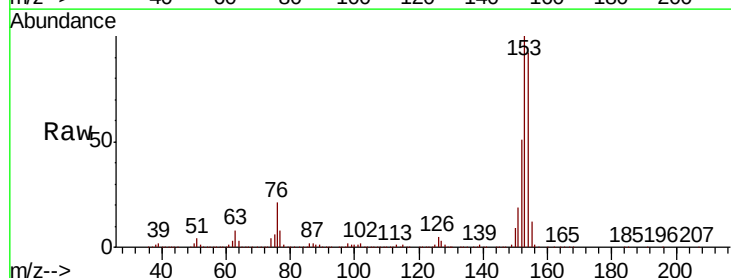
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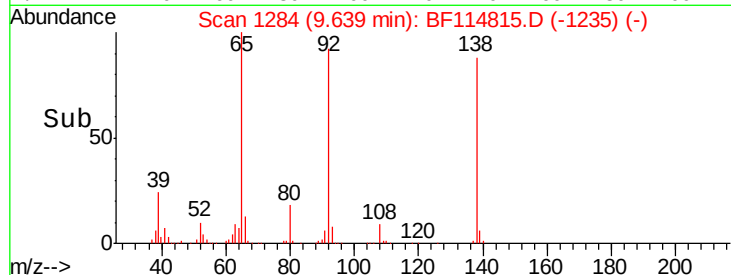
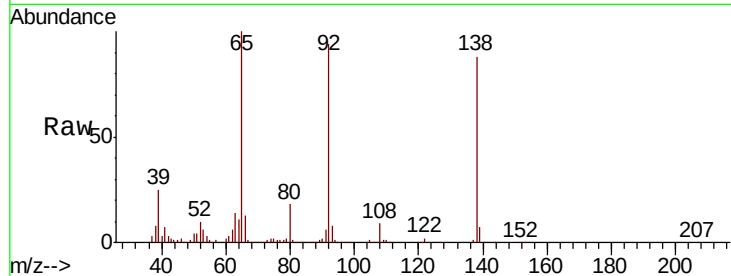
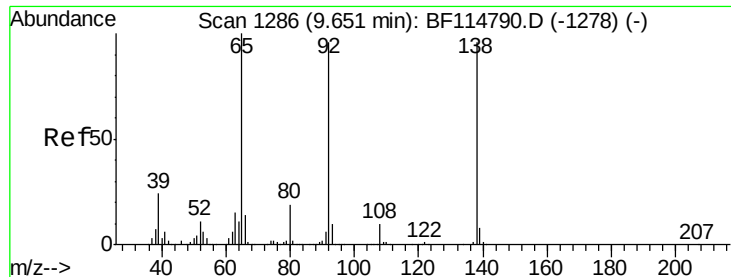
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#52
 Acenaphthene
 Concen: 37.691 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF114815.D
 Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.3	88.5	132.7
152	55.7	44.1	66.1





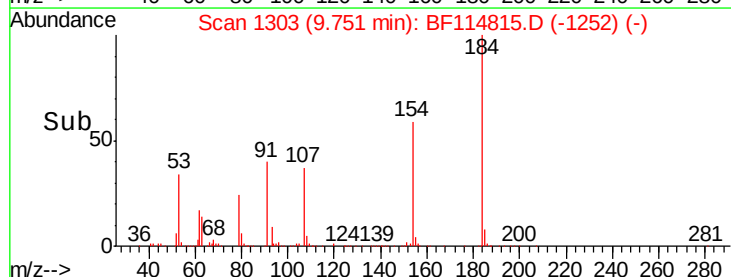
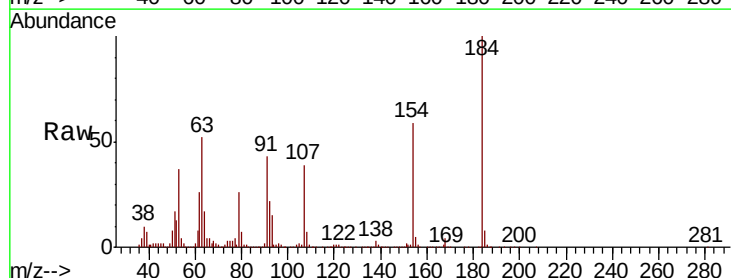
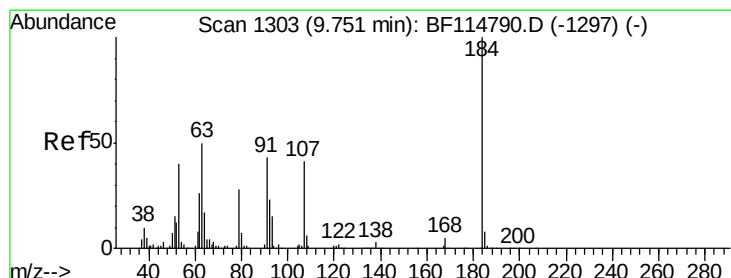
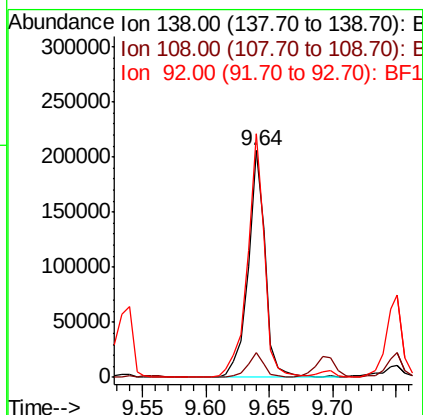
#53
3-Nitroaniline
Concen: 9.302 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tot Ion	Ratio	Resp	Lower	Upper
138	100	192247		
108	10.7	7.9	11.9	
92	107.5	79.9	119.9	

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

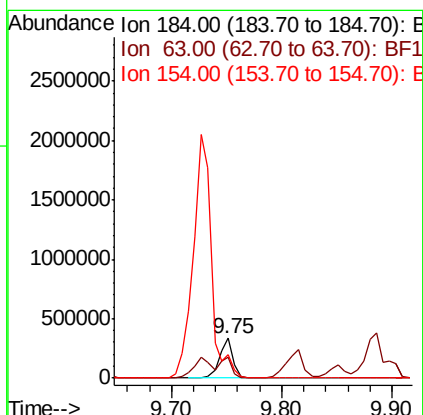
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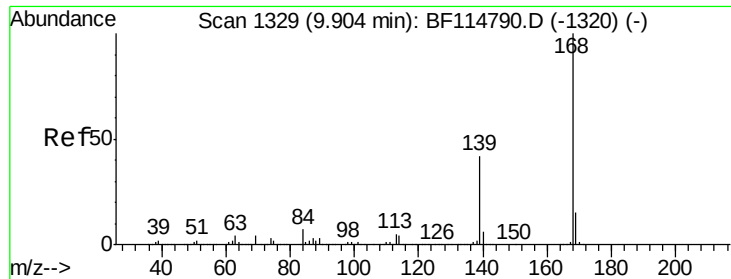
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#54
2,4-Dinitrophenol
Concen: 35.398 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	283382		
63	52.0	44.1	66.1	
154	59.3	48.1	72.1	





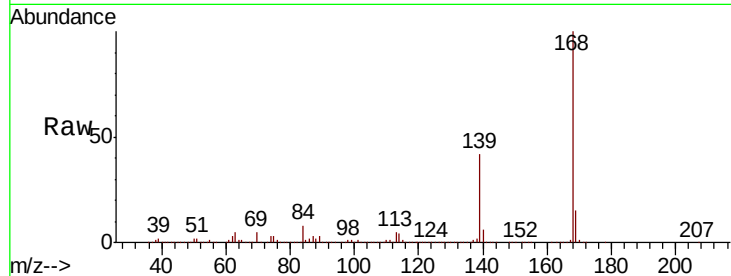
#55
Dibenzofuran
Concen: 37.447 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

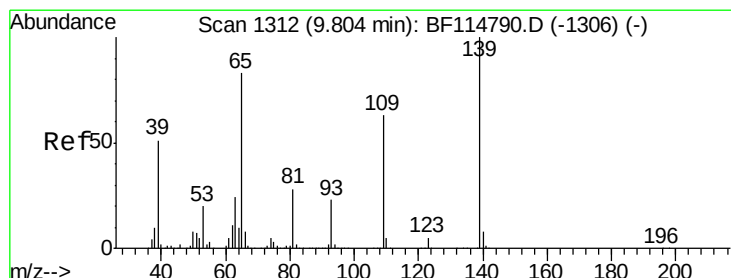
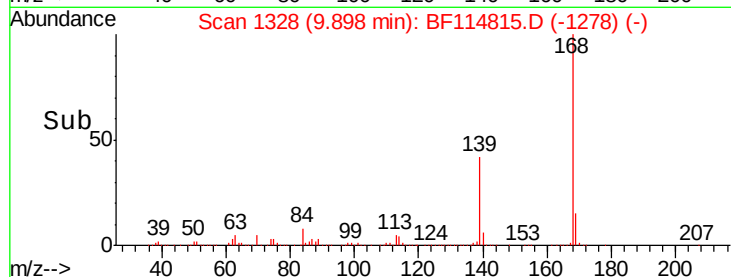
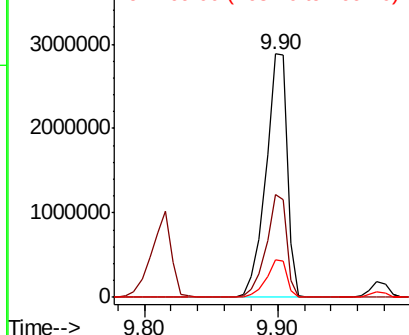
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.1	33.8	50.6
169	15.3	11.9	17.9

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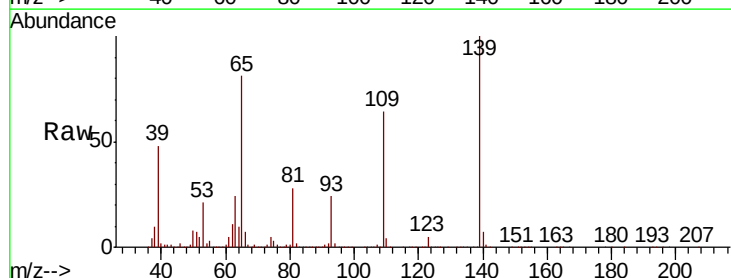


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

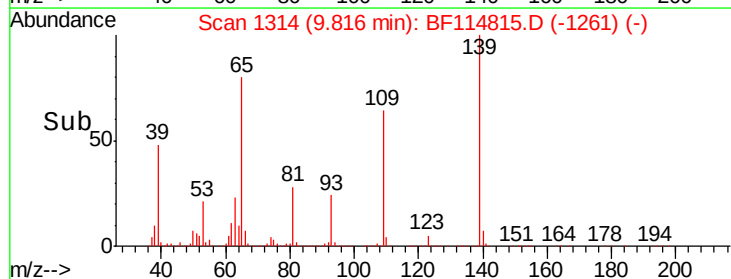
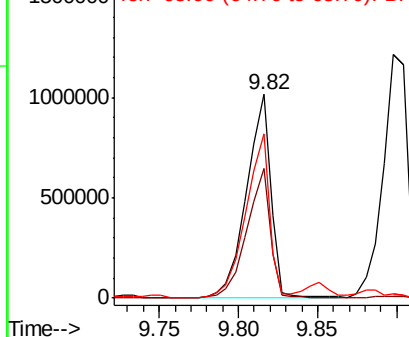


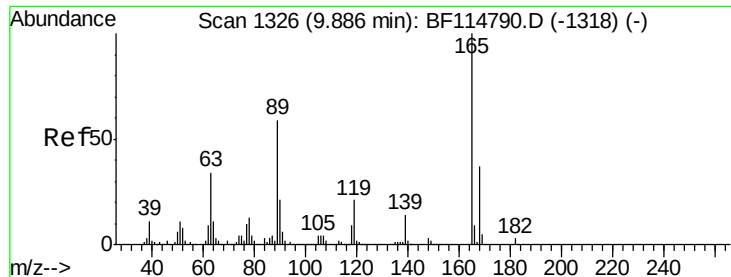
#56
4-Nitrophenol
Concen: 71.693 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.6	43.5	83.5
65	80.6	63.2	103.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





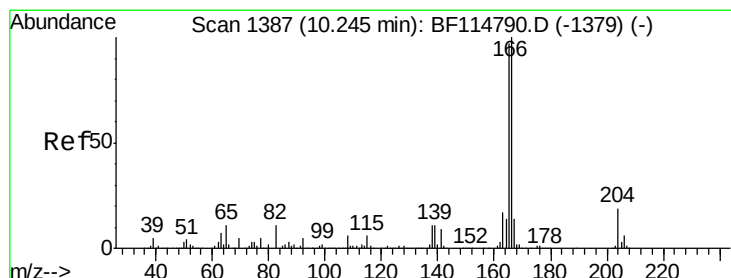
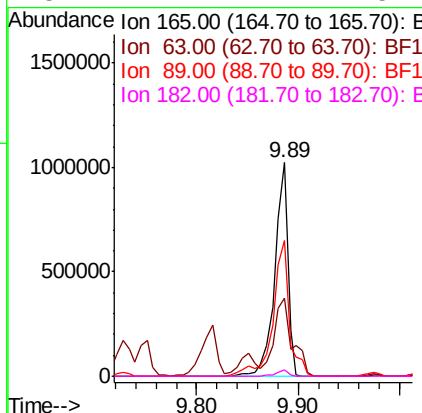
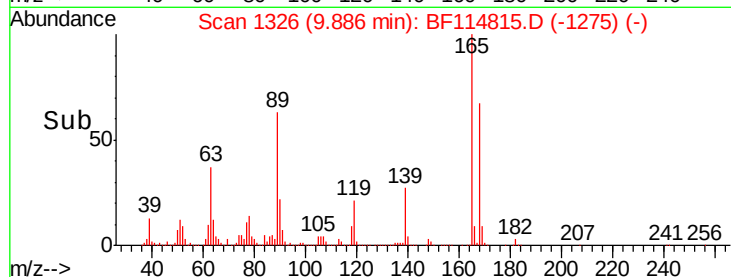
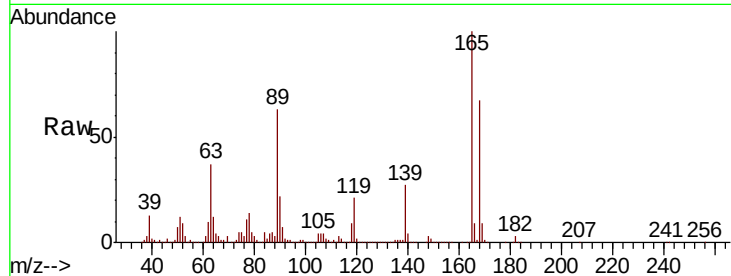
#57
 2,4-Dinitrotoluene
 Concen: 41.269 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF114815.D
 Acq: 5 Jun 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		917838		
63	36.8	27.0	40.4		
89	63.5	47.0	70.6		
182	2.7	2.2	3.2		

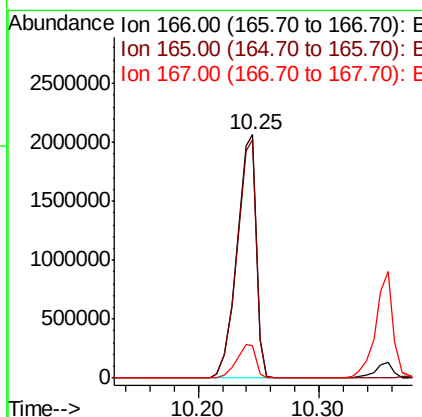
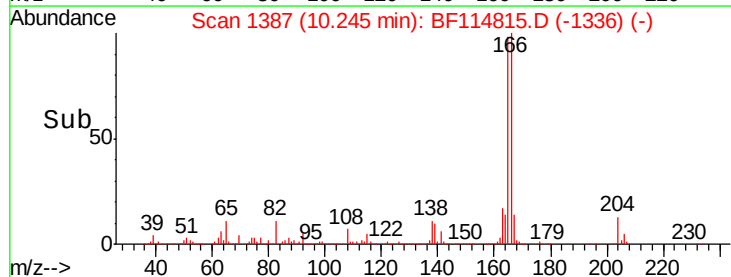
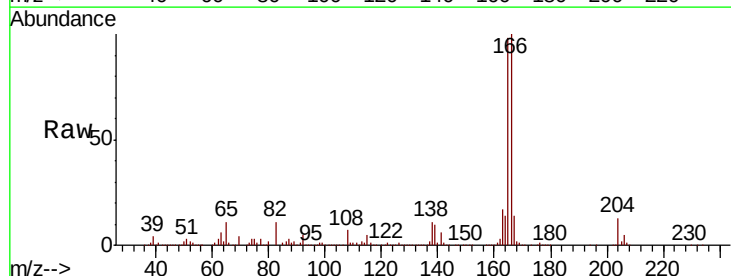
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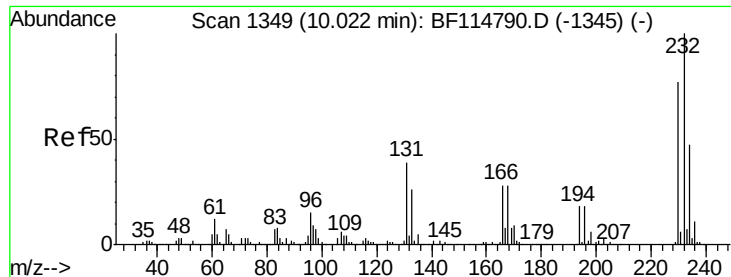
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#58
 Fluorene
 Concen: 40.920 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF114815.D
 Acq: 5 Jun 2019 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2293021		
165	97.8	77.9	116.9		
167	13.6	11.3	16.9		





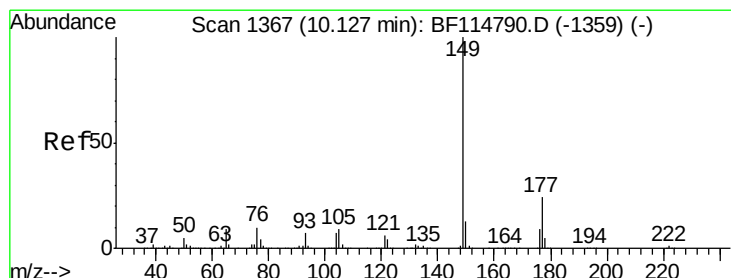
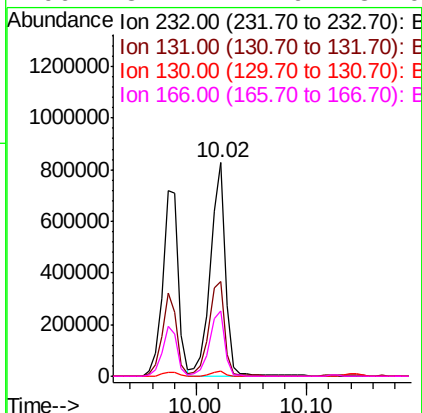
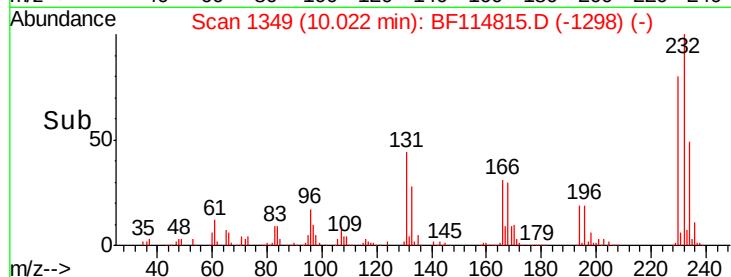
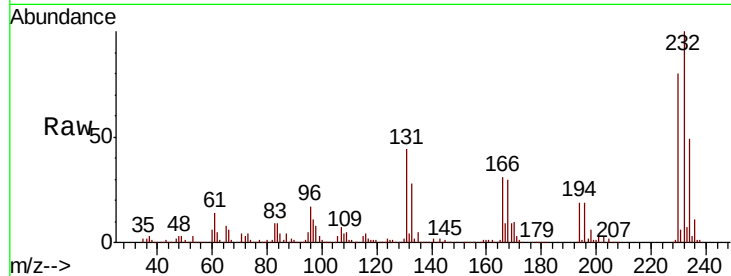
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.818 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.0	36.8	55.2
130	2.3	1.8	2.6
166	31.2	24.6	37.0

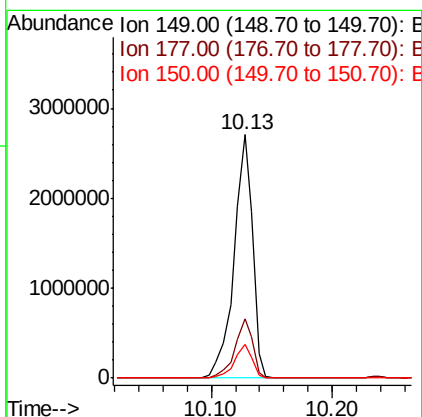
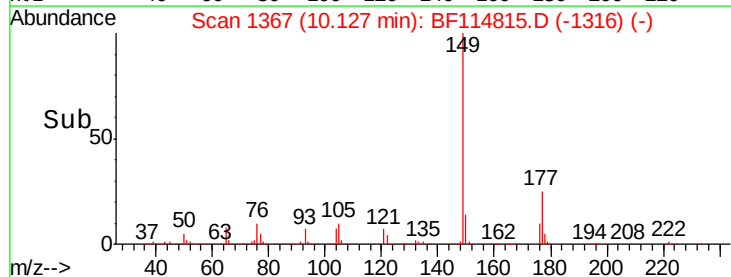
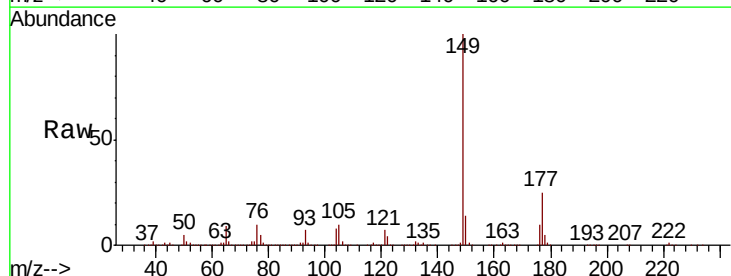
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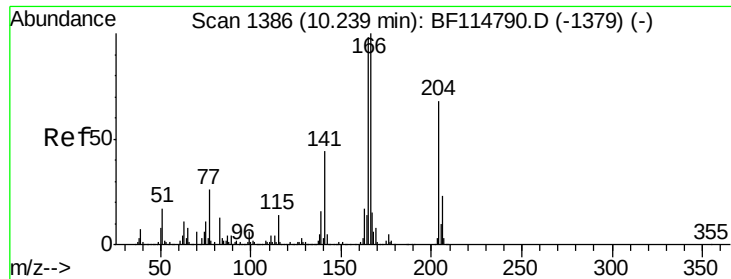
mohammad
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#60
Diethylphthalate
Concen: 38.237 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.3	28.9
150	14.0	10.7	16.1





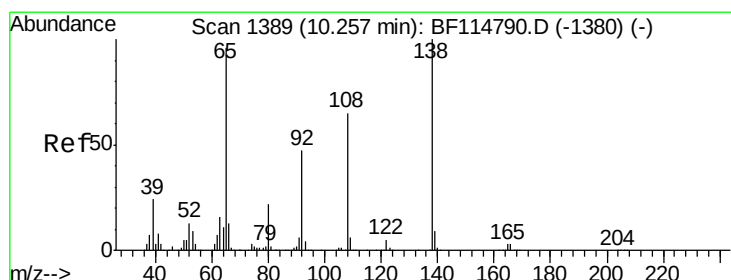
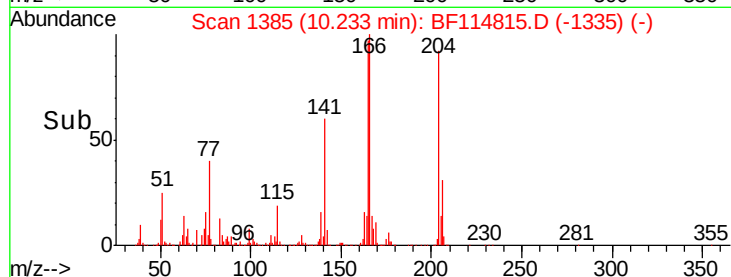
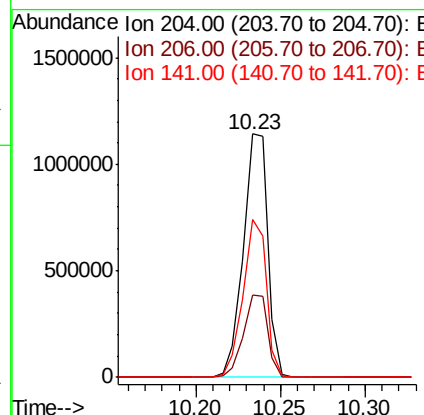
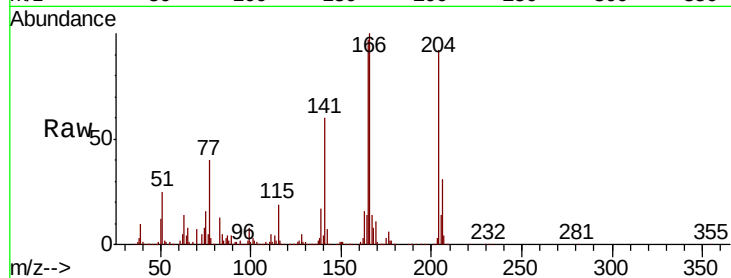
#61
4-Chlorophenyl-phenylether
Concen: 35.171 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	65.0	51.0	76.4

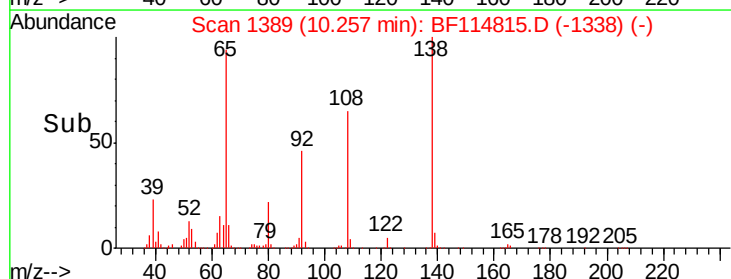
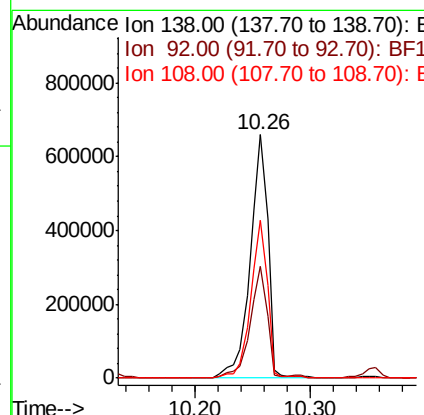
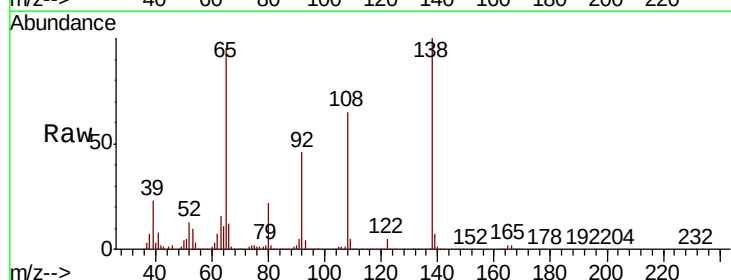
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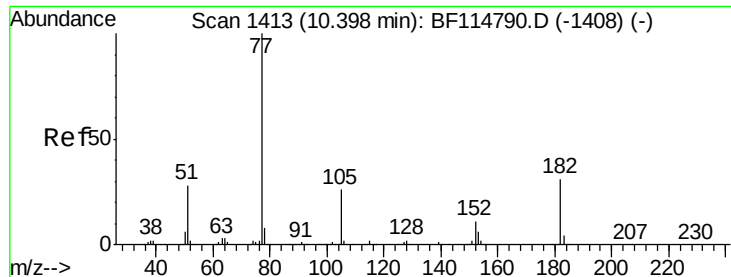
mohammad
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#62
4-Nitroaniline
Concen: 34.865 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.0	26.5	66.5
108	64.9	45.4	85.4





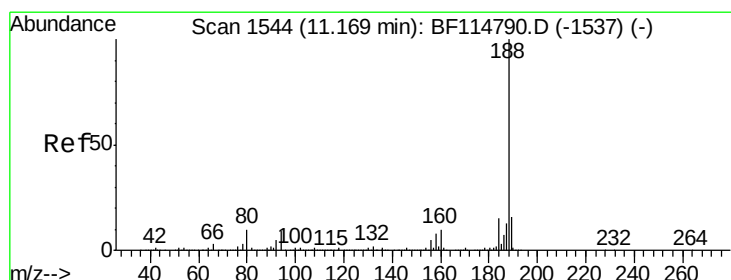
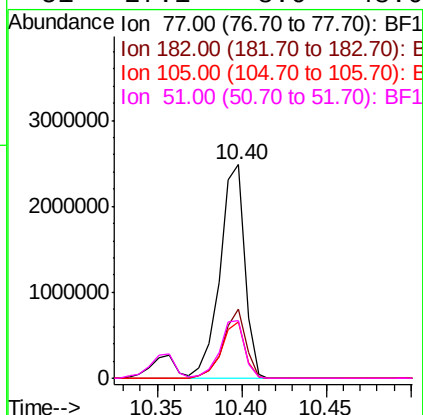
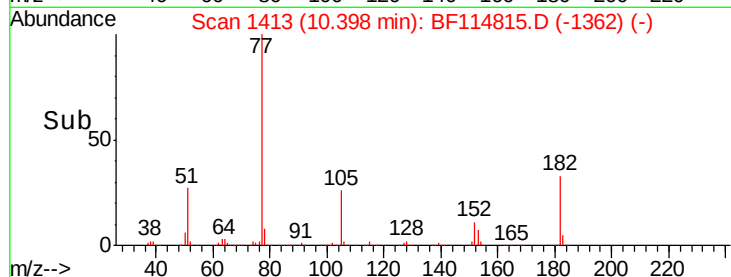
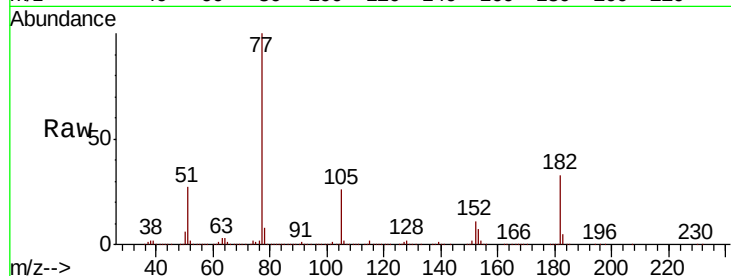
#63
Azobenzene
Concen: 39.404 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.6	11.2	51.2	
105	26.3	5.7	45.7	
51	27.1	8.0	48.0	

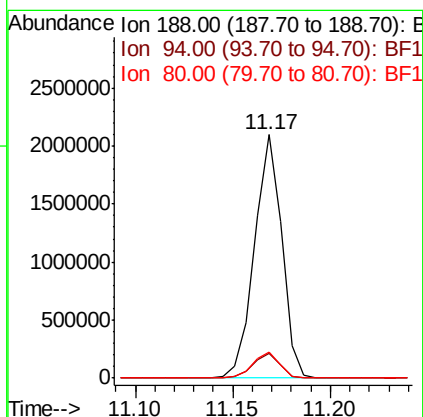
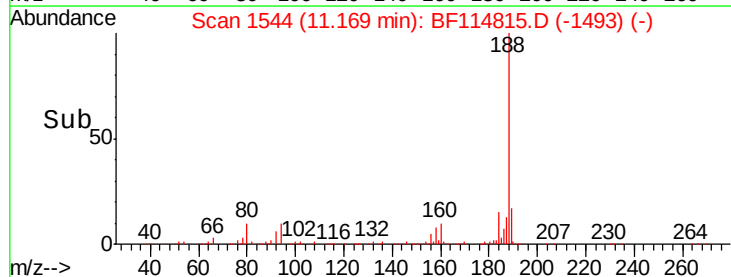
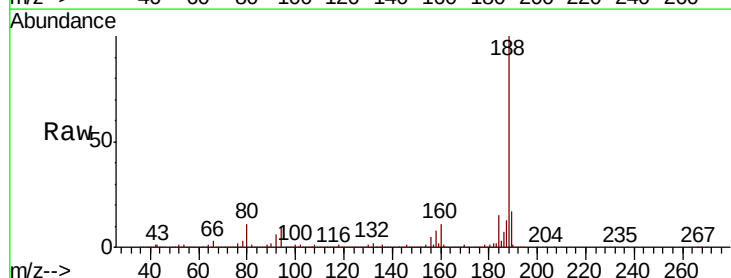
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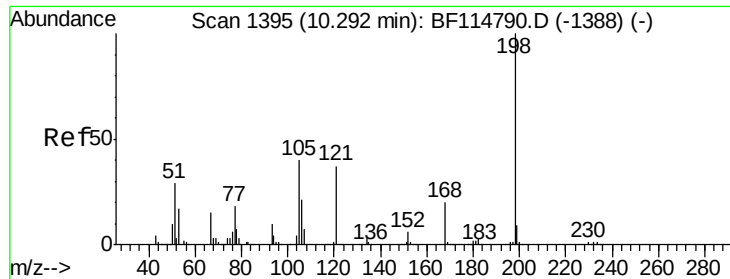
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.3	7.6	11.4	
80	10.5	8.3	12.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 25.374 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

Tot Ion:198 Resp: 267928

Ion Ratio Lower Upper

198 100

51 45.9 14.9 54.9

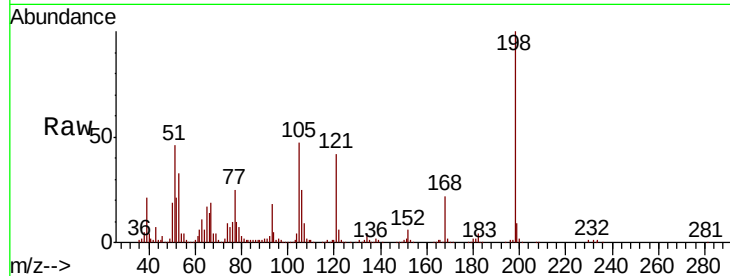
105 46.8 21.0 61.0

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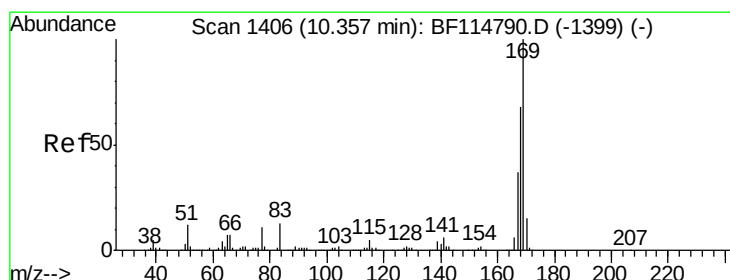
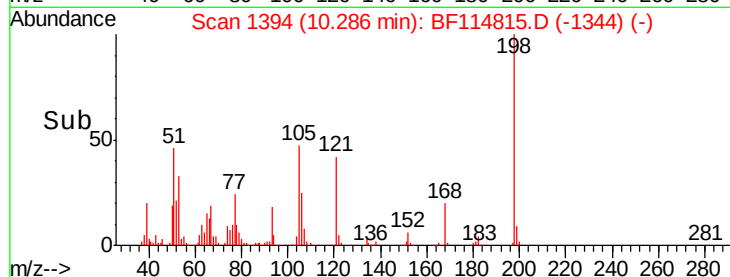
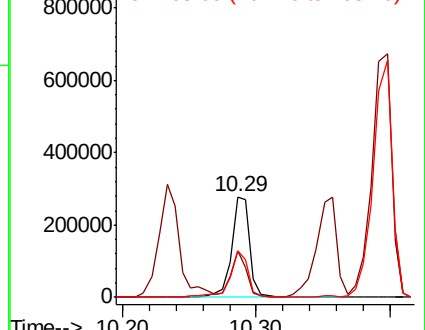
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.091 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

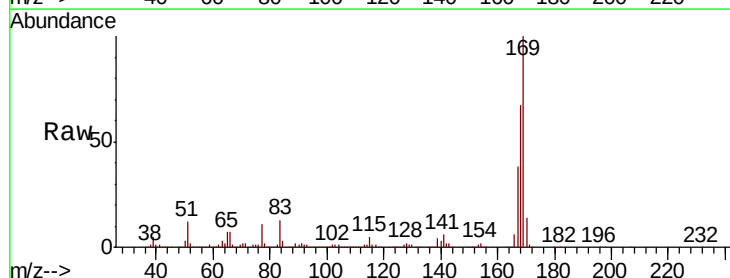
Tgt Ion:169 Resp: 2341239

Ion Ratio Lower Upper

169 100

168 67.2 54.3 81.5

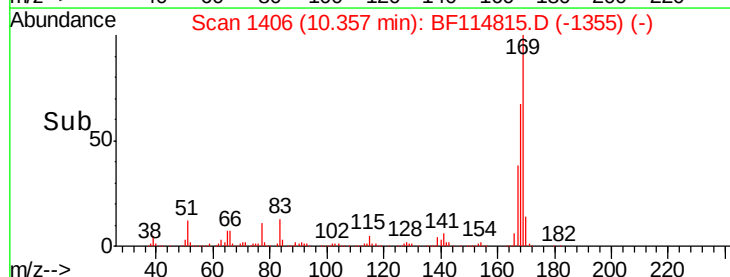
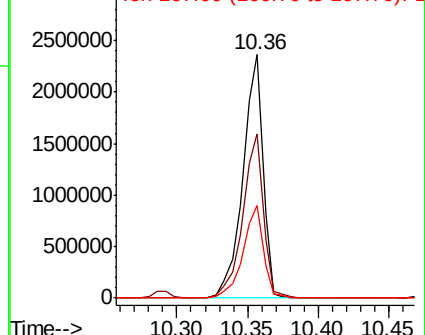
167 38.1 29.9 44.9

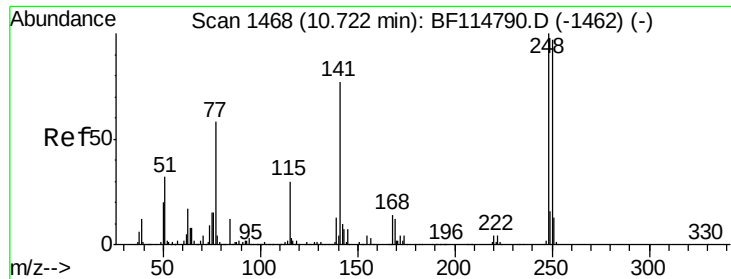


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





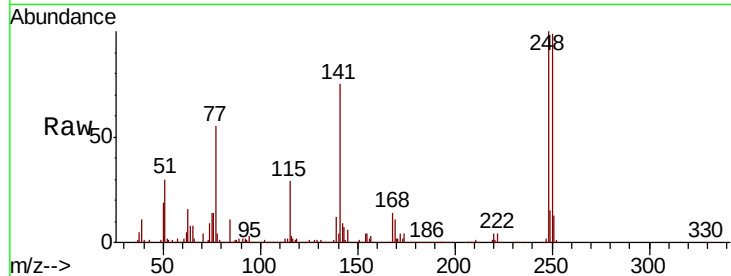
#67
4-Bromophenyl-phenylether
Concen: 36.033 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.5	116.3
141	75.0	61.8	92.8

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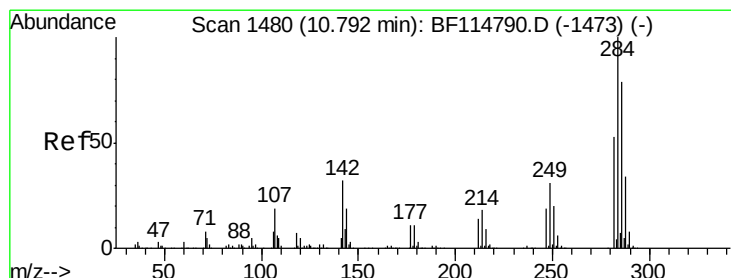
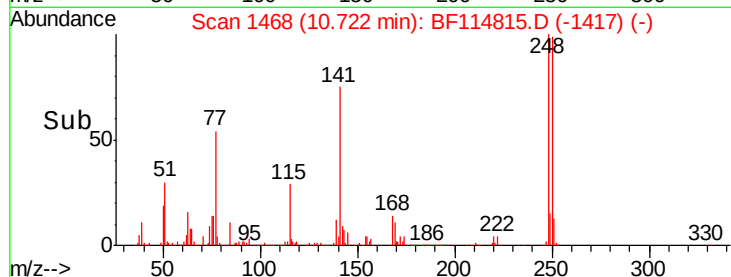
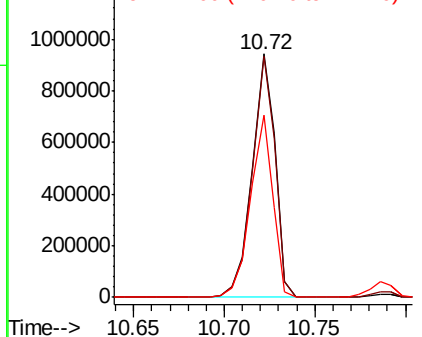


Abundance

Ion 248.00 (247.70 to 248.70): E

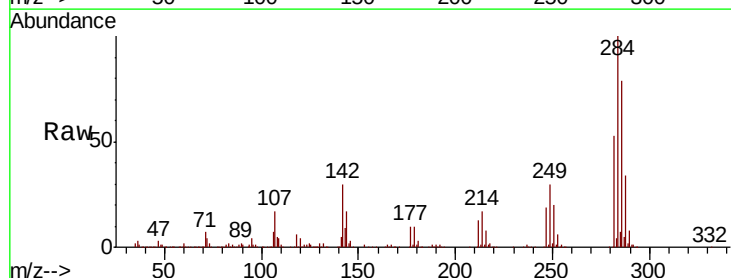
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.468 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	25.3	37.9
249	30.4	24.9	37.3

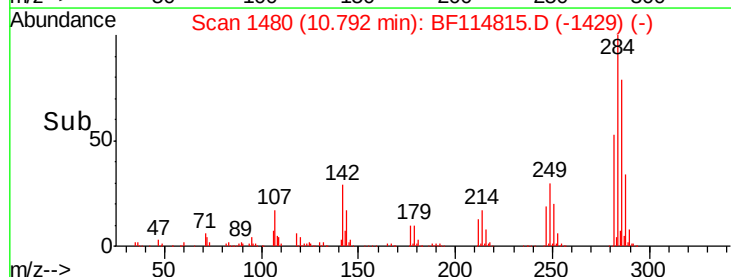
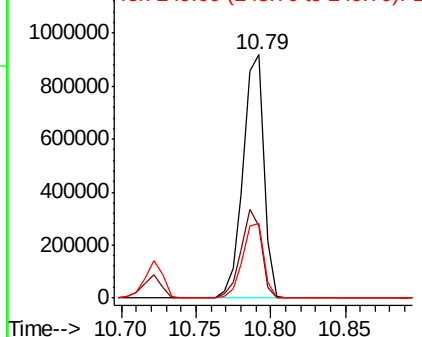


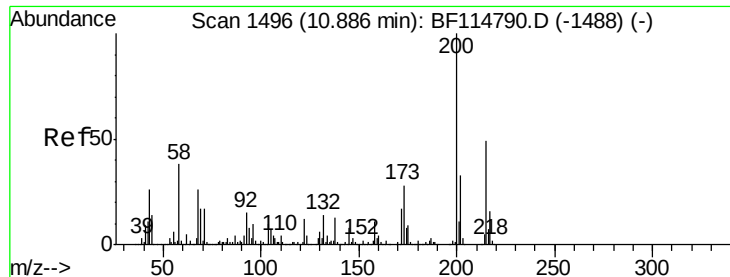
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





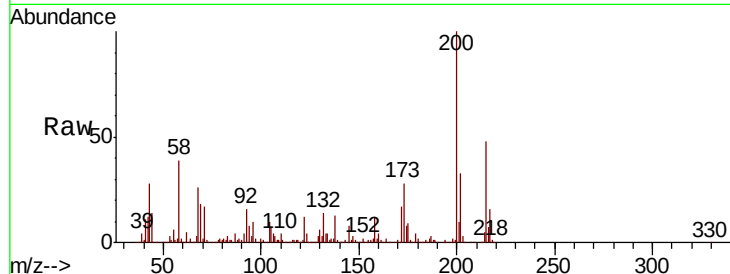
#69
Atrazine
Concen: 37.602 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.2	8.0	48.0	
215	48.3	28.7	68.7	

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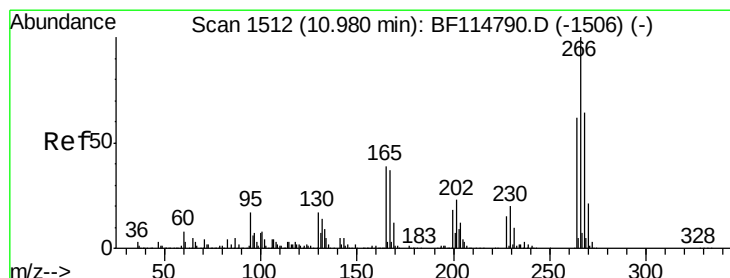
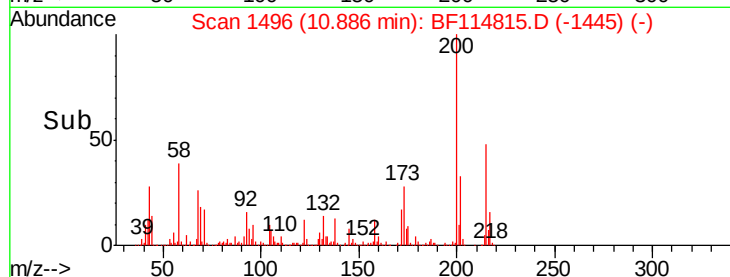
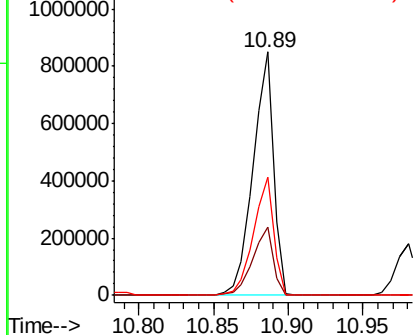


Abundance

Ion 200.00 (199.70 to 200.70): E

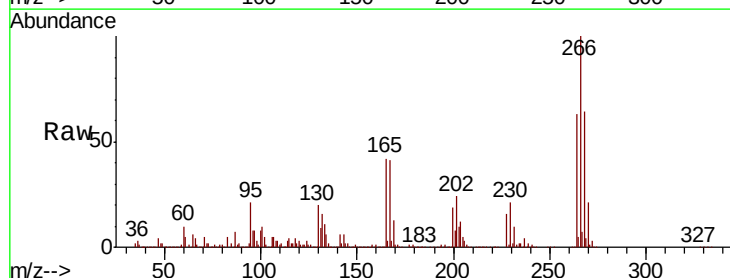
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 64.987 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.4	51.0	76.6	
264	63.3	49.6	74.4	

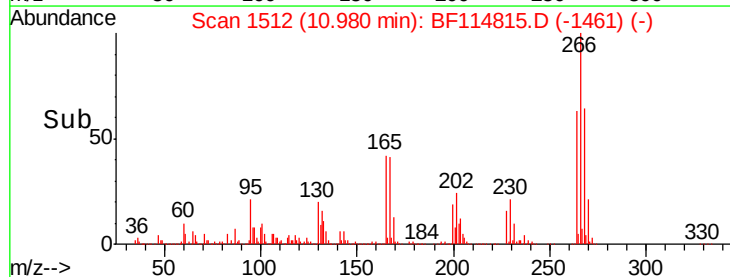
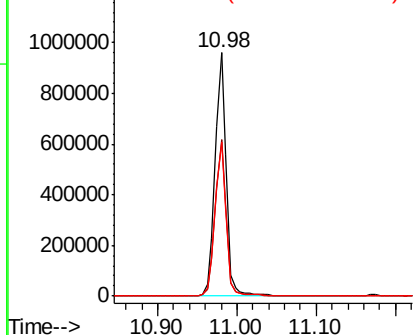


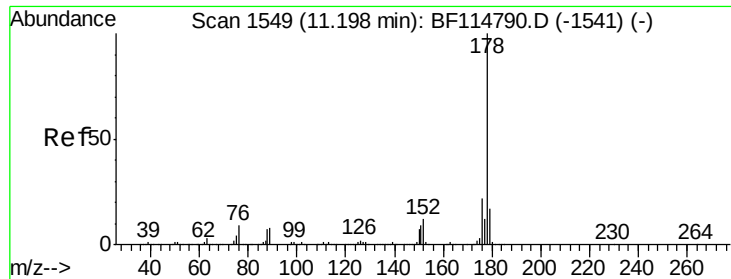
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.192 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

Tot Ion:178 Resp: 3609116

Ion Ratio Lower Upper

178 100

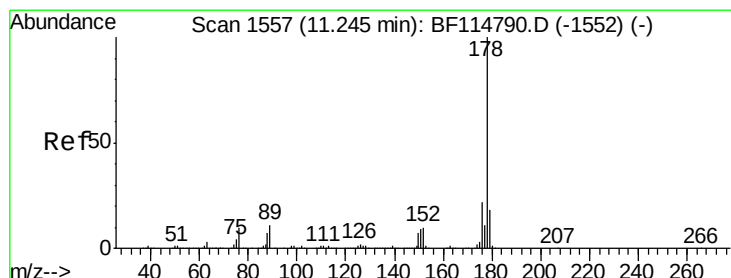
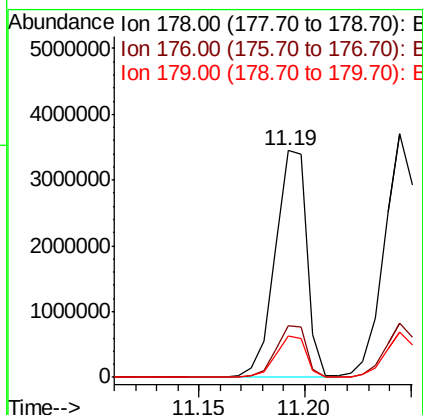
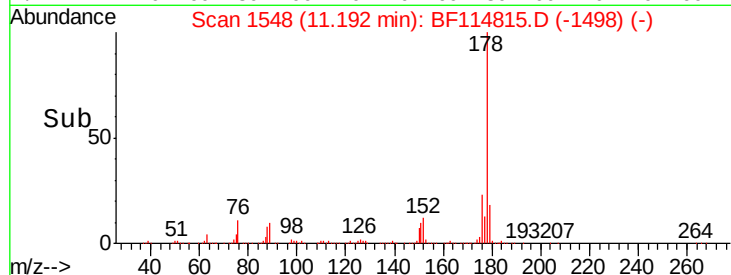
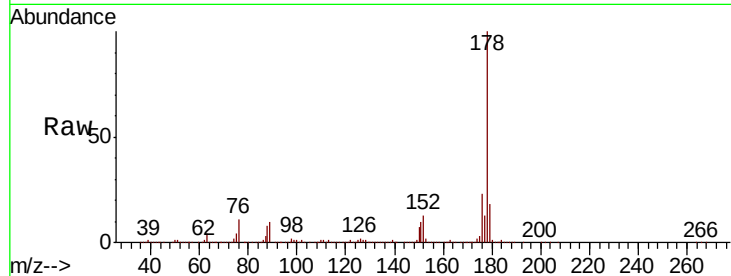
176 22.7 17.7 26.5

179 18.1 13.7 20.5

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#72

Anthracene

Concen: 37.069 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

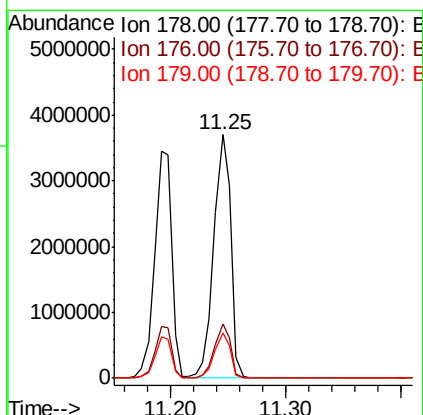
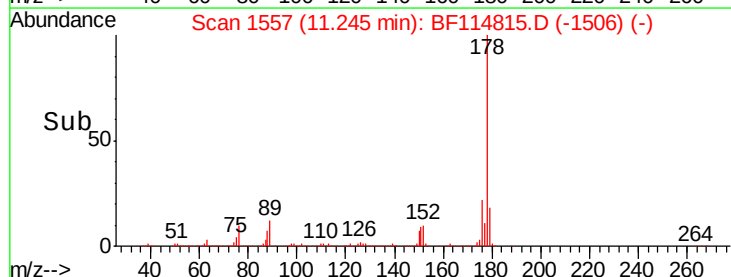
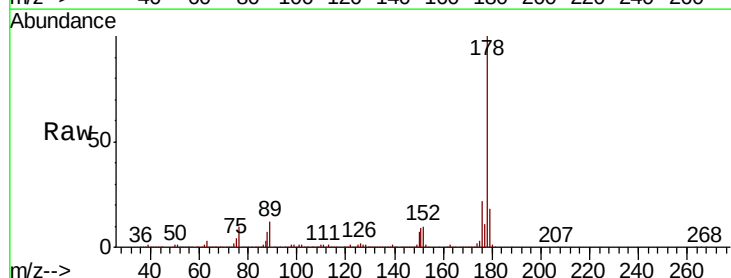
Tgt Ion:178 Resp: 3785610

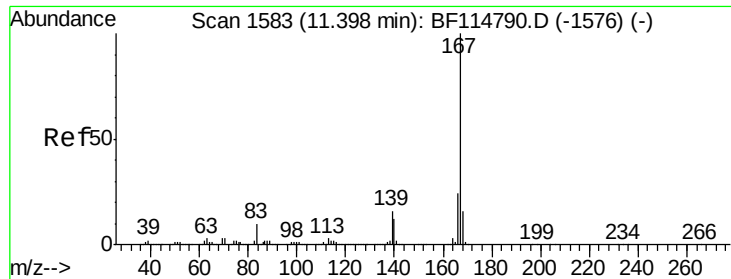
Ion Ratio Lower Upper

178 100

176 22.3 17.4 26.0

179 18.5 14.2 21.4





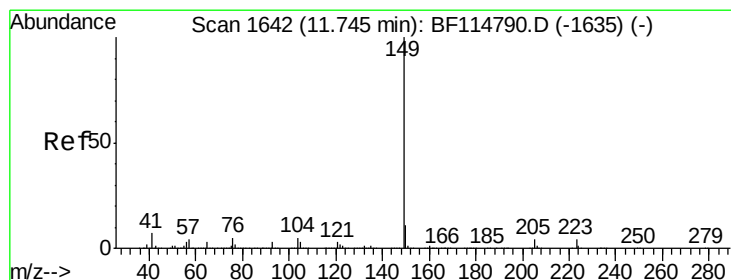
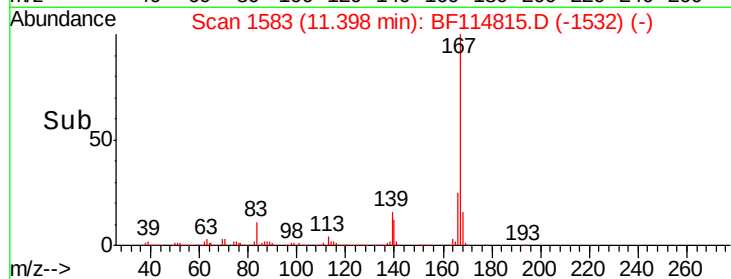
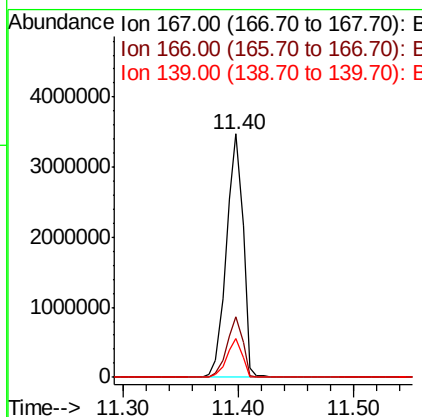
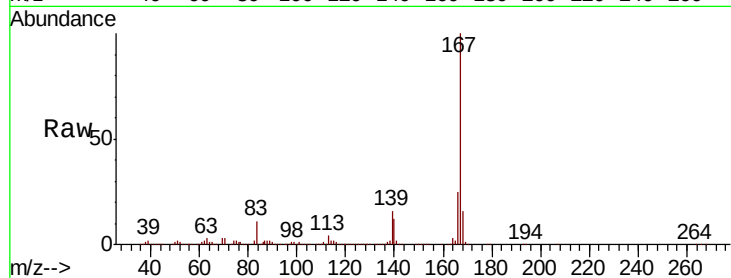
#73
 Carbazole
 Concen: 39.607 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF114815.D
 Acq: 5 Jun 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.1	19.1	28.7
139	16.0	12.4	18.6

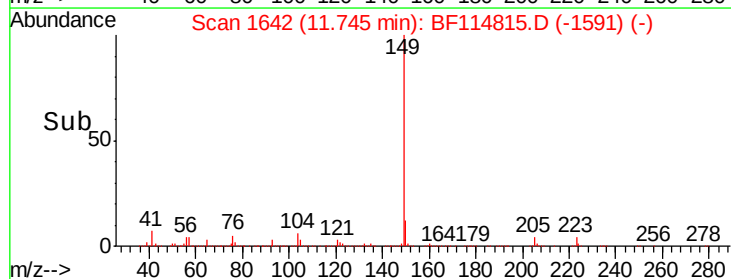
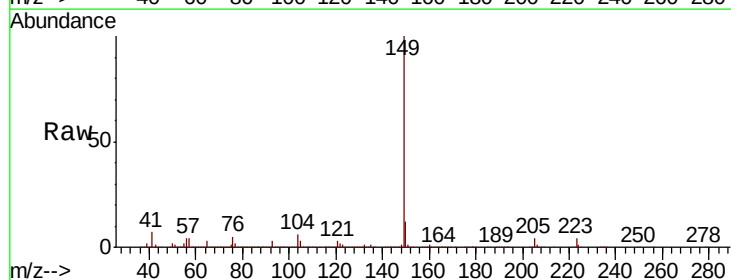
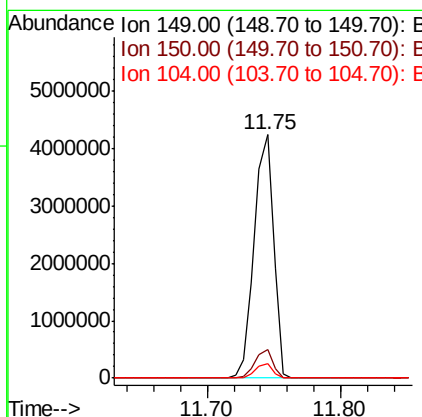
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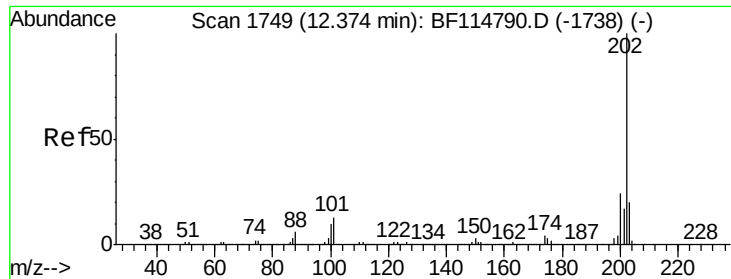
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#74
 Di-n-butylphthalate
 Concen: 36.563 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BF114815.D
 Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.8	8.9	13.3
104	5.7	4.3	6.5





#75

Fluoranthene

Concen: 38.335 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

Tot Ion:202 Resp: 3871838

Ion Ratio Lower Upper

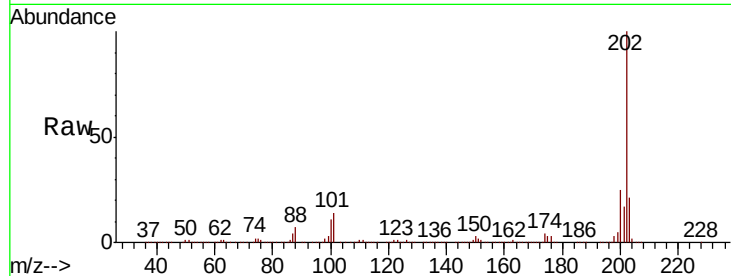
202 100

101 14.3 0.0 32.8

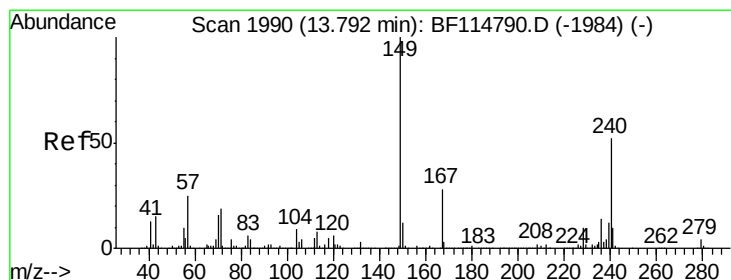
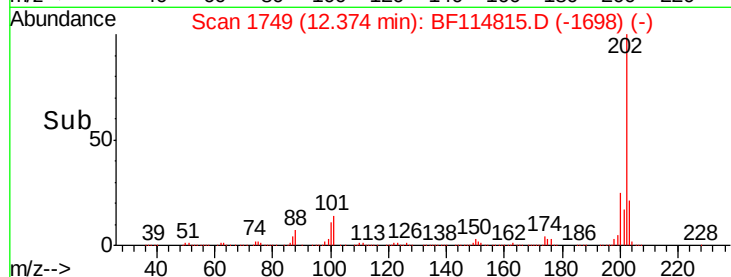
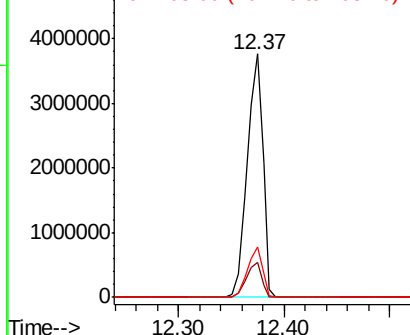
203 20.7 0.2 40.2

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6/6/2019 4:49:47 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

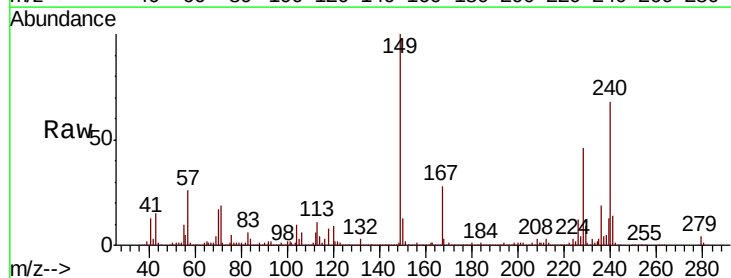
Tgt Ion:240 Resp: 1278722

Ion Ratio Lower Upper

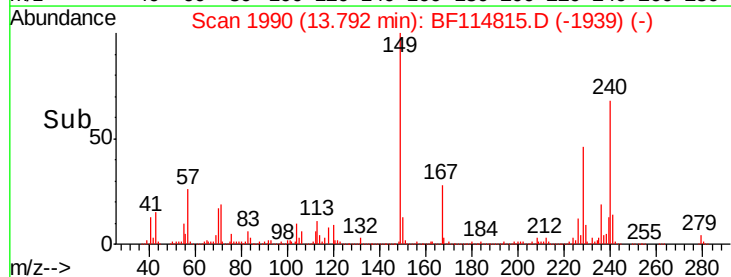
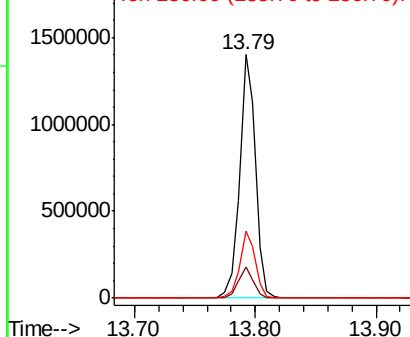
240 100

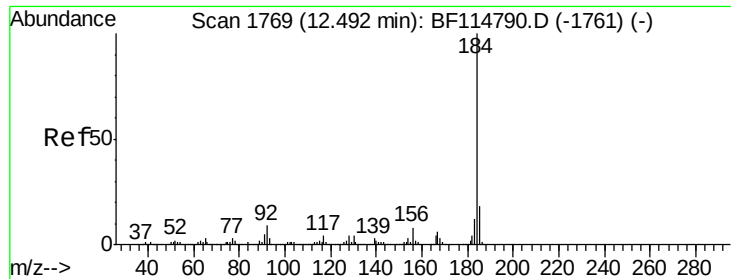
120 12.8 9.0 13.4

236 27.6 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





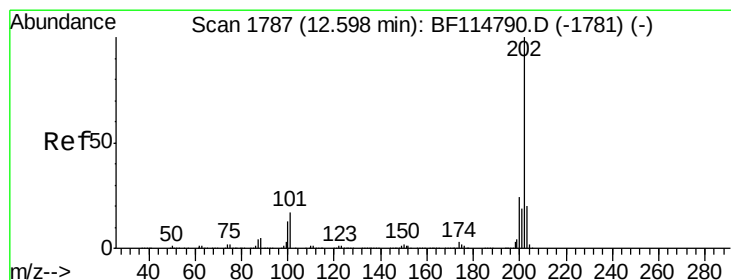
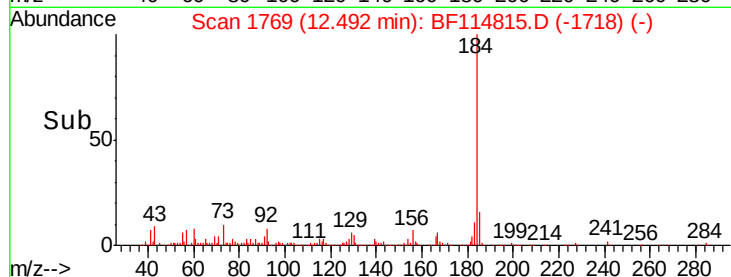
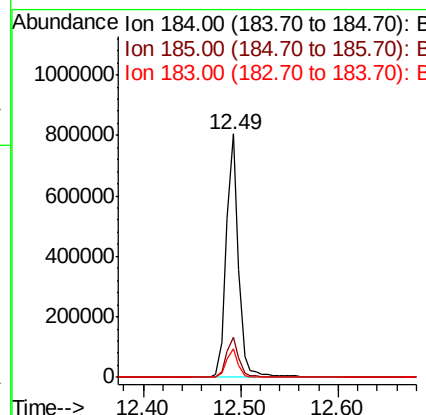
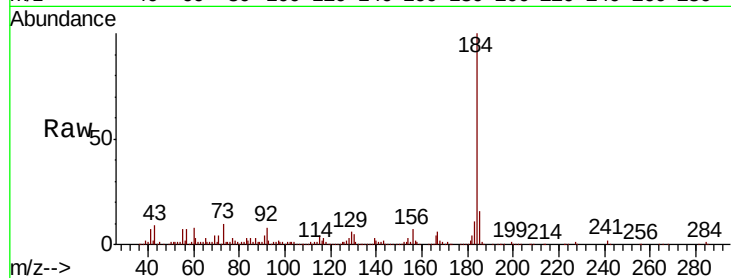
#77
Benzidine
Concen: 11.073 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.4	14.1	21.1
183	11.5	9.9	14.9

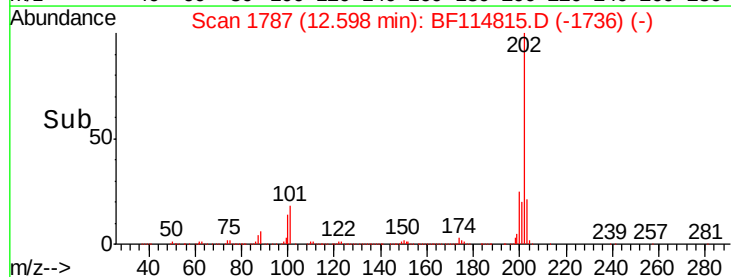
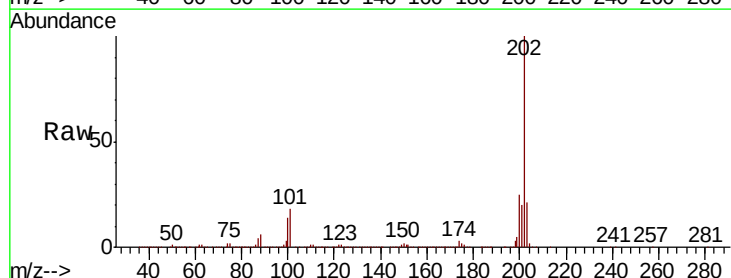
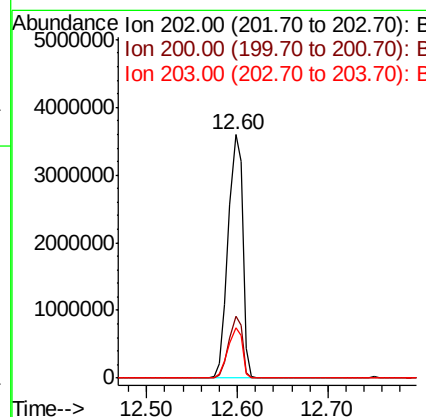
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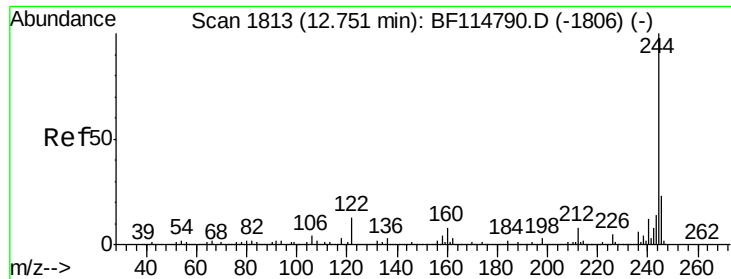
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#78
Pyrene
Concen: 35.559 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.4	19.2	28.8
203	20.9	15.9	23.9





#79
 Terphenyl-d14
 Concen: 73.376 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BF114815.D
 Acq: 5 Jun 2019 12:38

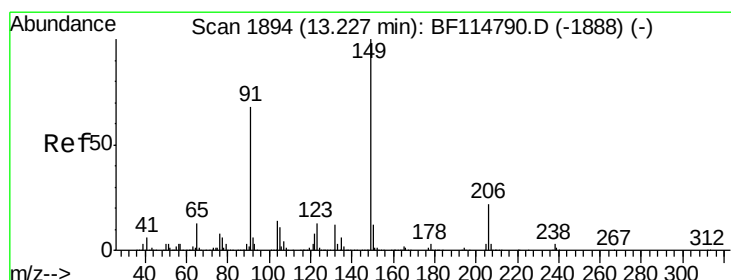
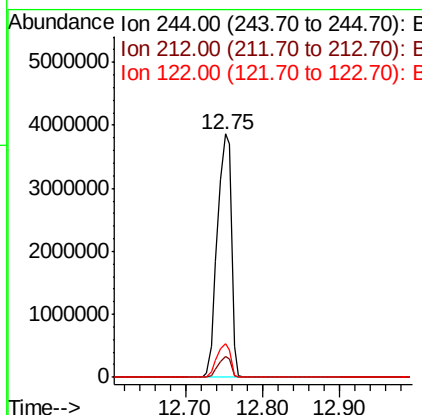
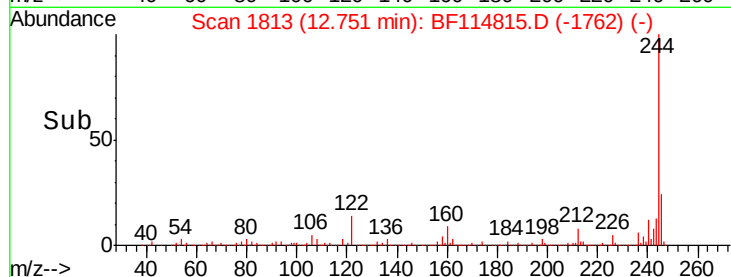
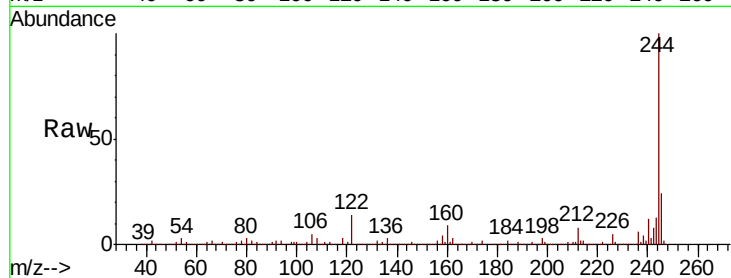
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tot Ion:244 Resp: 4824606

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	14.1	10.5	15.7

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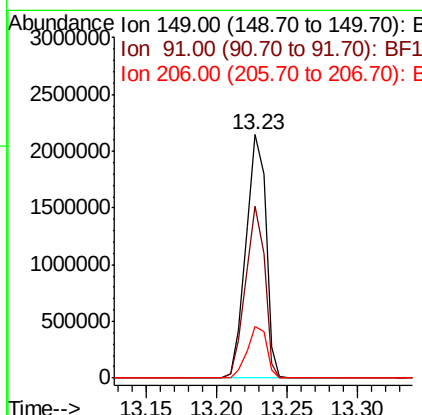
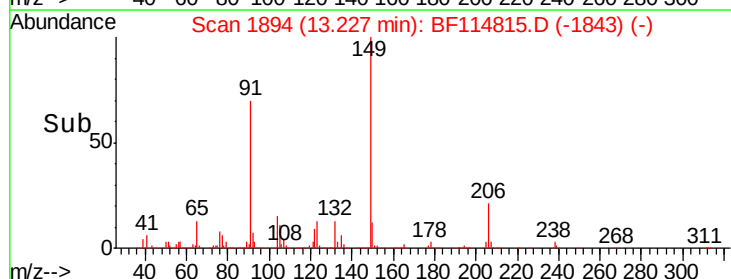
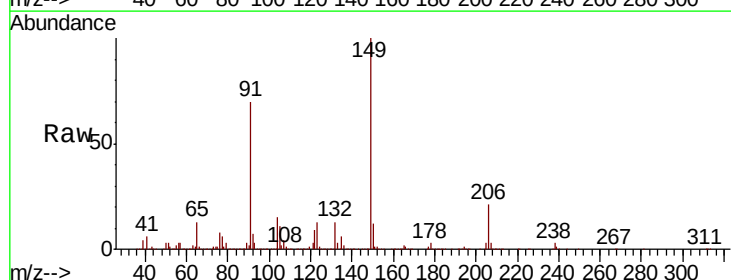
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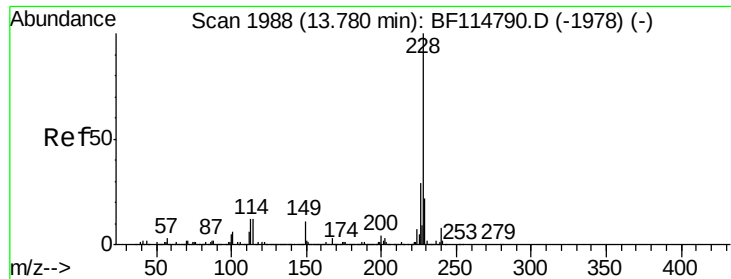


#80
 Butylbenzylphthalate
 Concen: 38.068 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BF114815.D
 Acq: 5 Jun 2019 12:38

Tgt Ion:149 Resp: 2132446

Ion	Ratio	Lower	Upper
149	100		
91	70.4	54.6	82.0
206	21.4	17.2	25.8





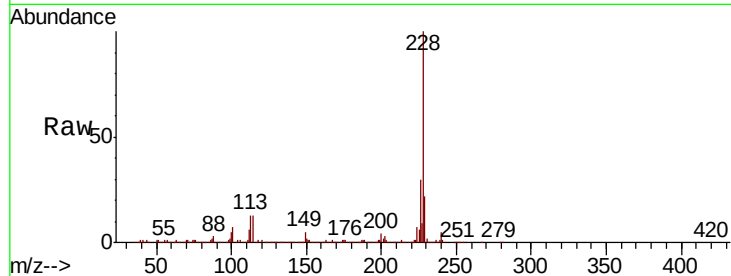
#81
Benzo(a)anthracene
Concen: 36.658 ng
RT: 13.78 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	22.0	17.4	26.0

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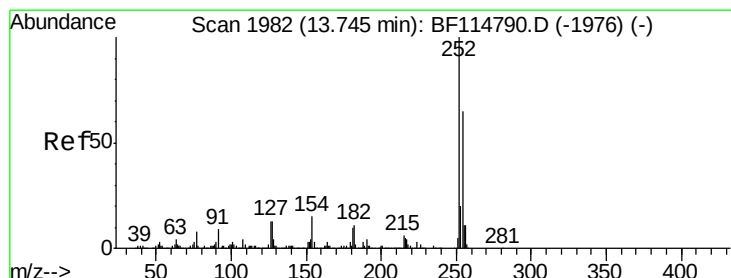
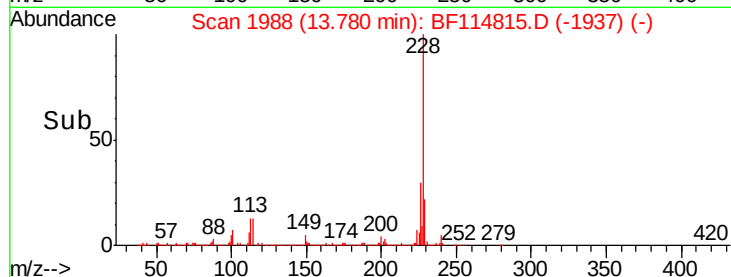
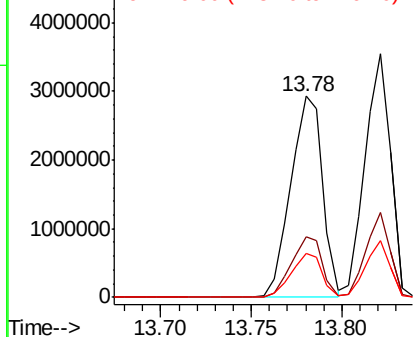


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 15.100 ng
RT: 13.74 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

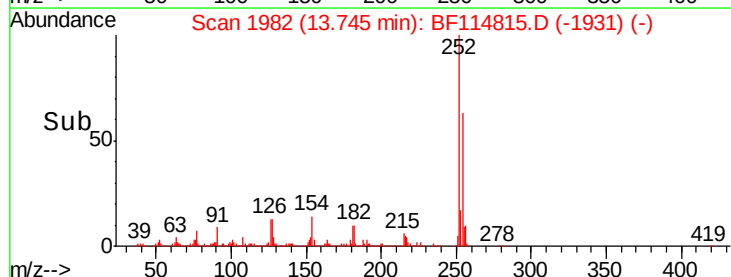
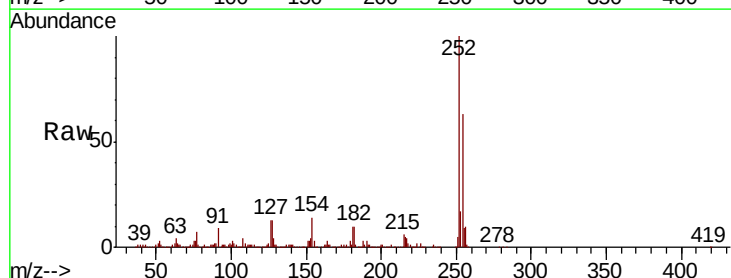
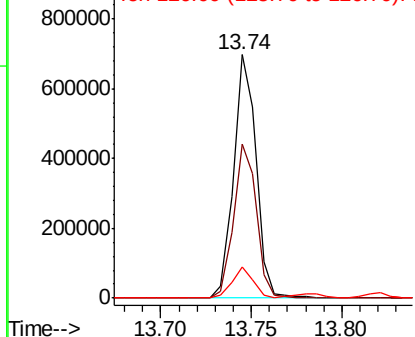
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.9	77.9
126	13.0	10.5	15.7

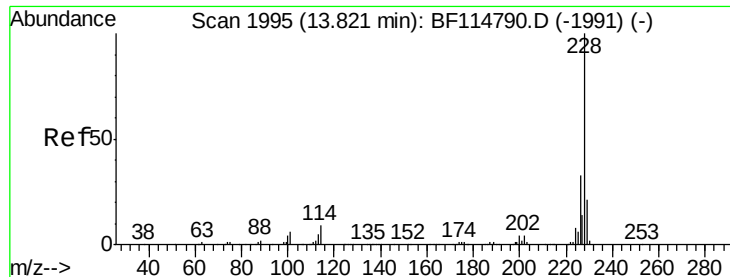
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





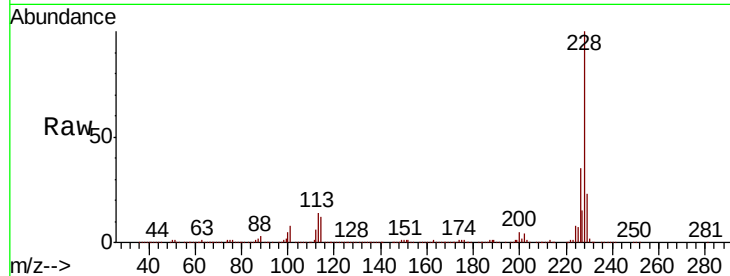
#83
Chrysene
Concen: 36.618 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

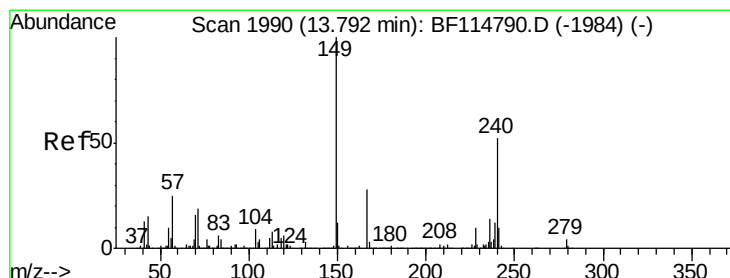
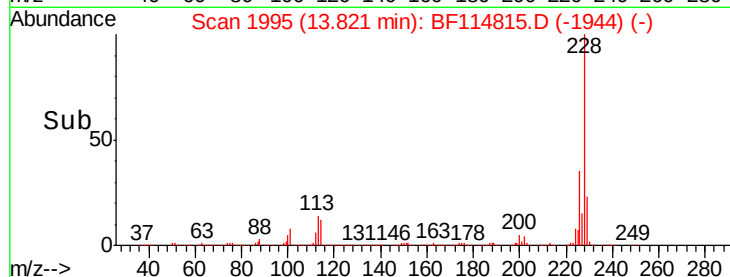
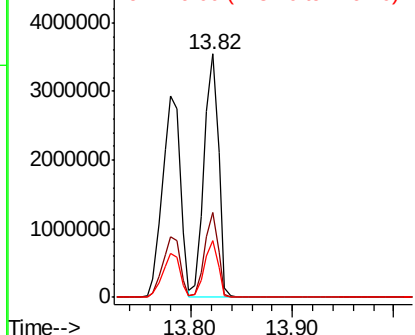
Tot Ion:228 Resp: 3510178
Ion Ratio Lower Upper
228 100
226 34.8 26.0 39.0
229 23.2 17.1 25.7

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6/6/2019 4:49:47 PM

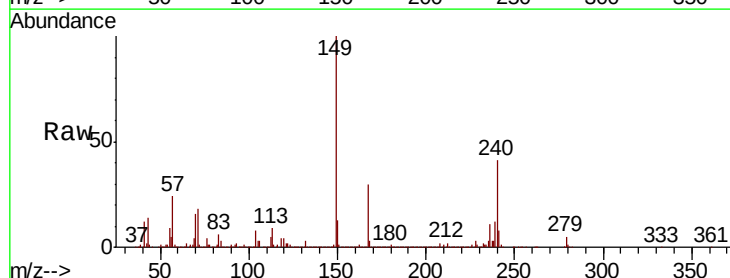


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

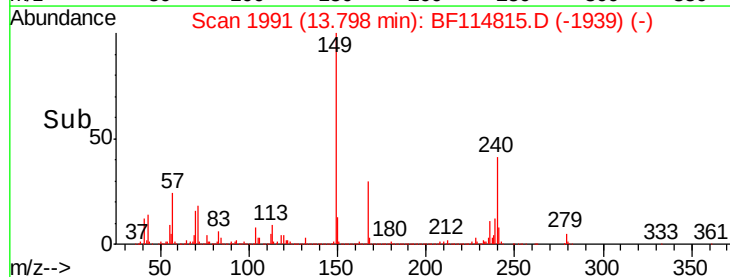
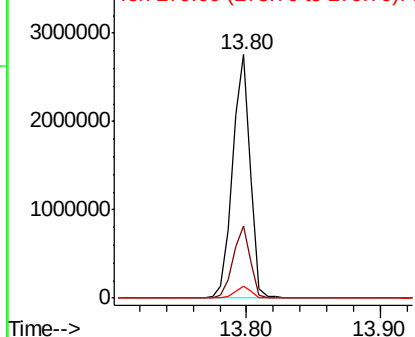


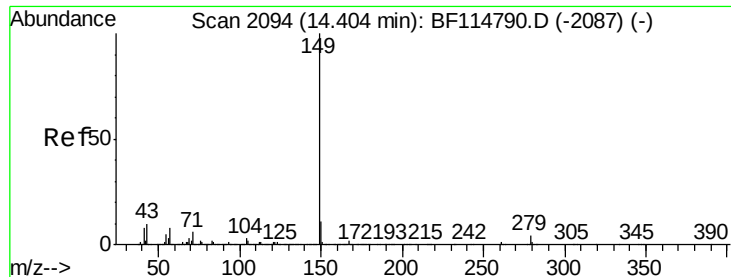
#84
Bis(2-ethylhexyl)phthalate
Concen: 36.036 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion:149 Resp: 2552572
Ion Ratio Lower Upper
149 100
167 29.6 22.7 34.1
279 4.8 3.1 4.7#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





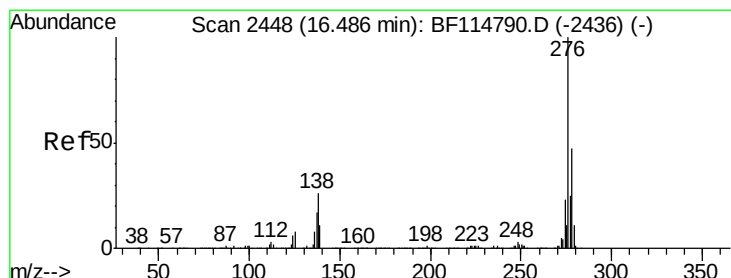
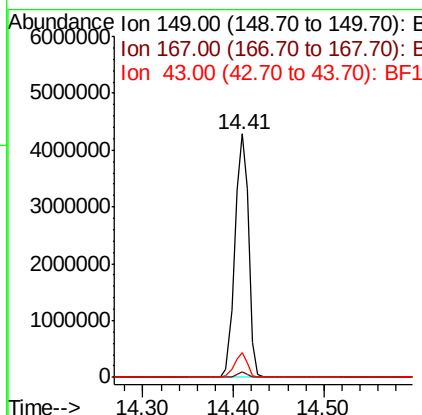
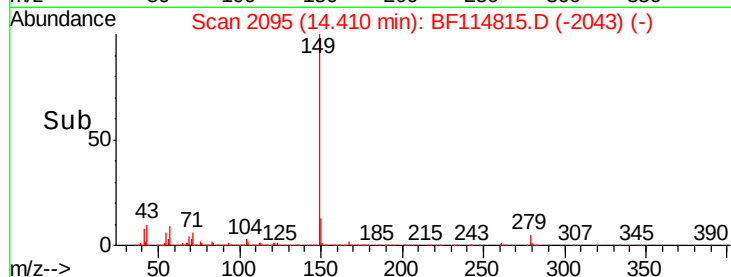
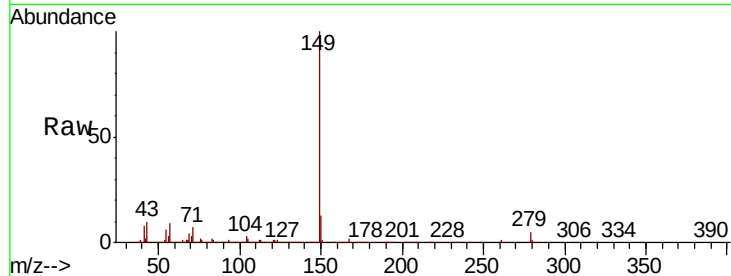
#85
Di-n-octyl phthalate
Concen: 38.030 ng
RT: 14.41 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion:149 Resp: 4577273
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 9.2 7.0 10.6

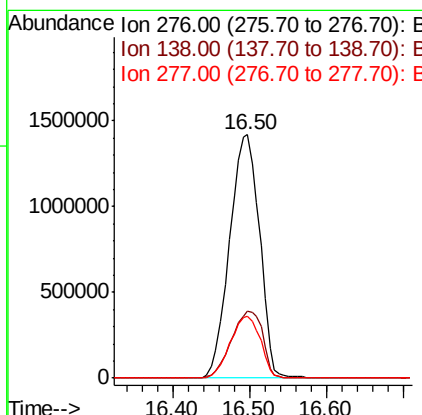
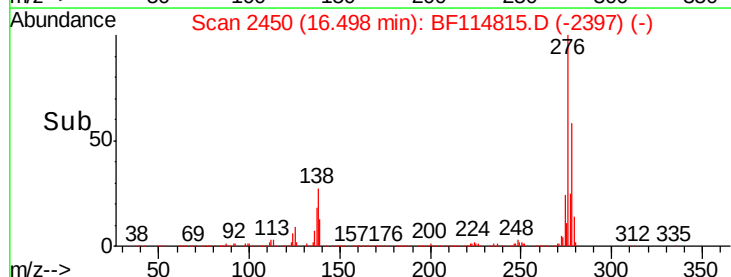
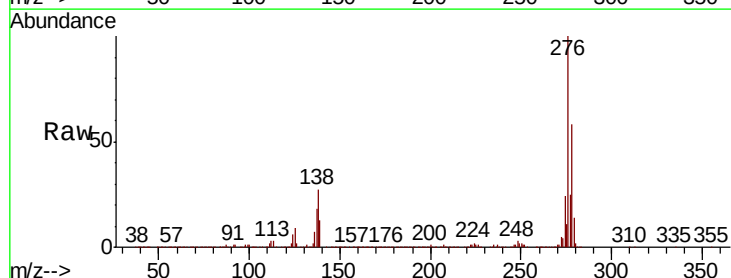
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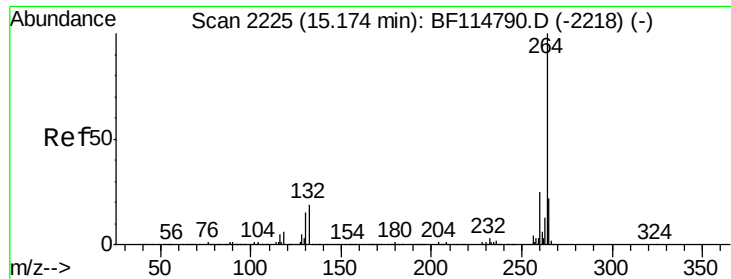
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.324 ng
RT: 16.50 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion:276 Resp: 3863503
Ion Ratio Lower Upper
276 100
138 28.9 22.2 33.4
277 25.8 20.6 30.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

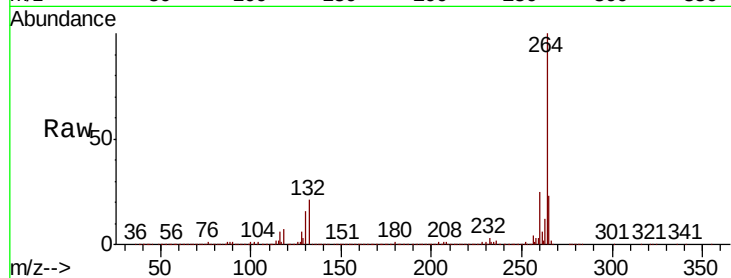
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion:264 Resp: 1655485

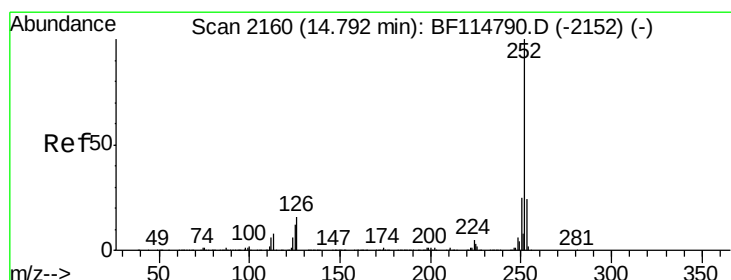
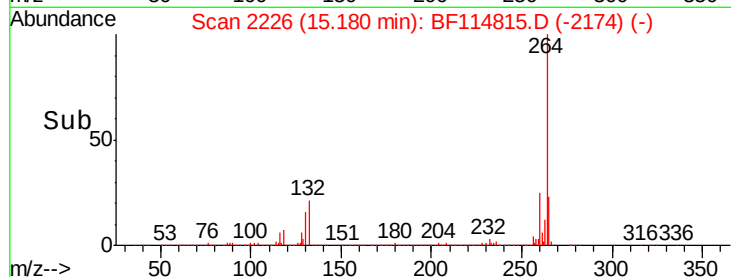
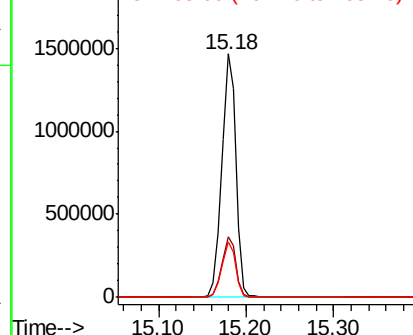
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	22.8	17.7	26.5

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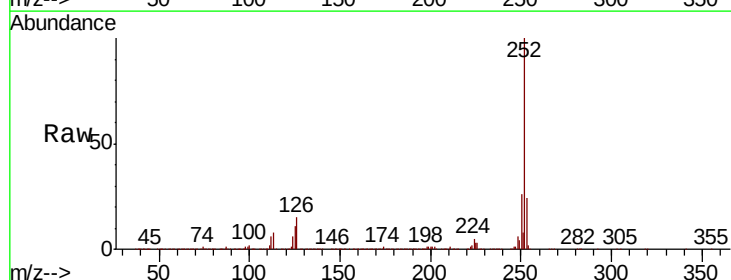
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



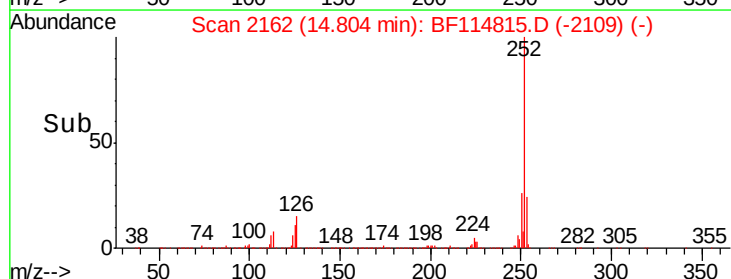
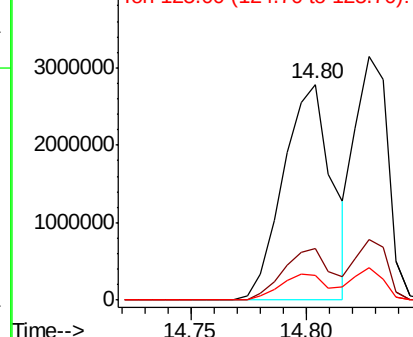
#88
Benzo(b)fluoranthene
Concen: 38.677 ng
RT: 14.80 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

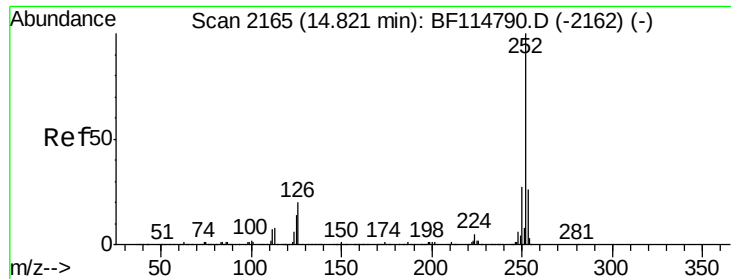
Tgt Ion:252 Resp: 4076228

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.6
125	11.5	9.4	14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





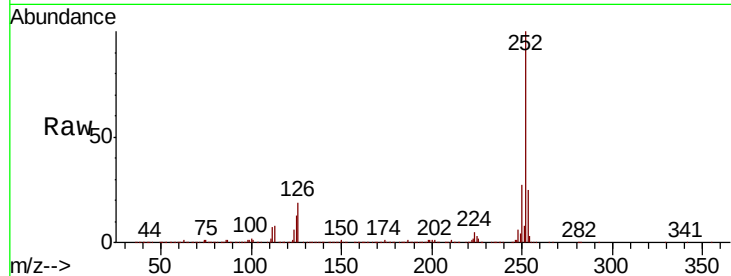
#89
Benzo(k)fluoranthene
Concen: 34.880 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

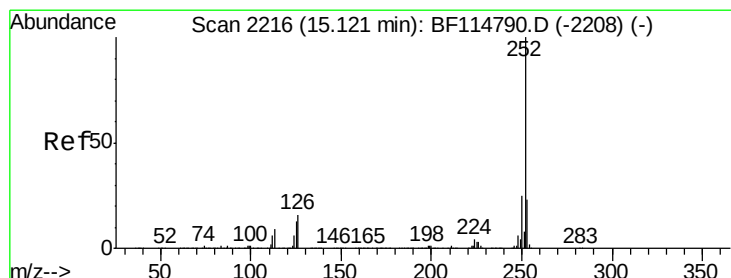
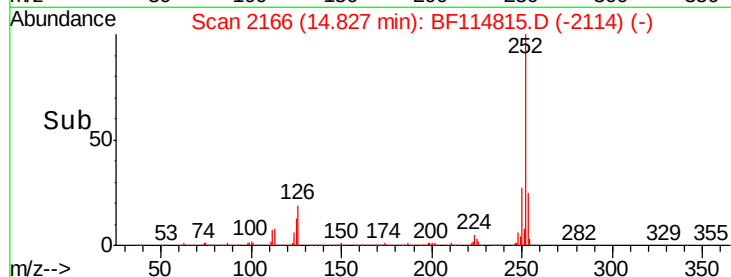
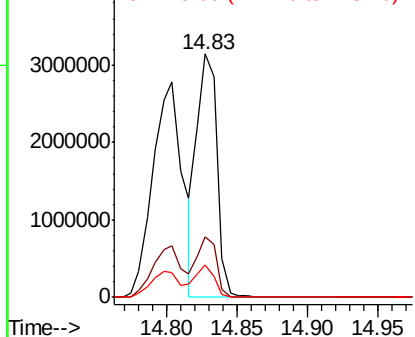
Tot Ion:252 Resp: 3121727
Ion Ratio Lower Upper
252 100
253 25.1 19.3 28.9
125 13.1 10.1 15.1

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6/6/2019 4:49:47 PM



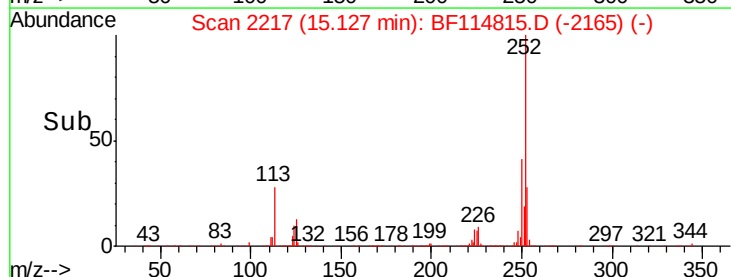
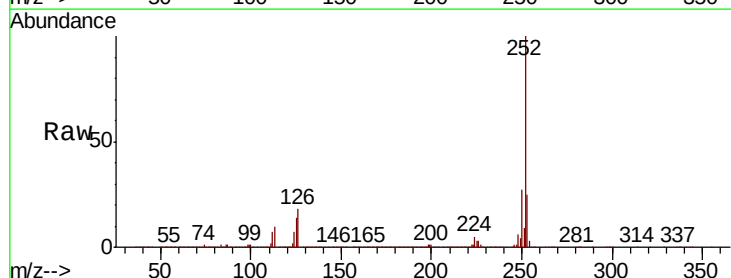
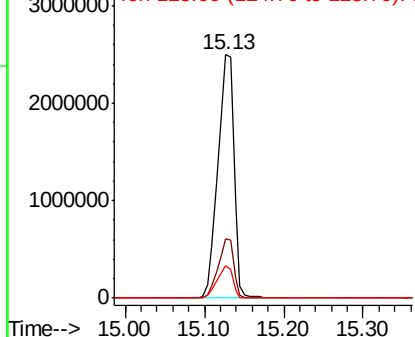
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

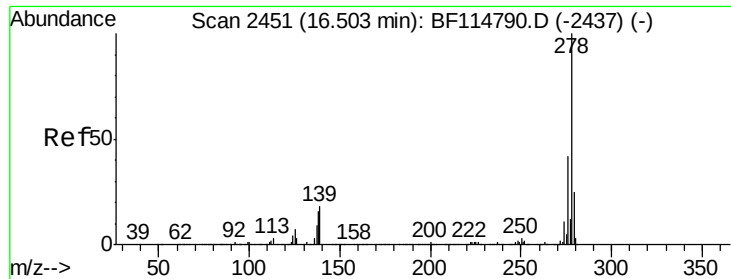


#90
Benzo(a)pyrene
Concen: 38.556 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion:252 Resp: 3517100
Ion Ratio Lower Upper
252 100
253 24.6 18.5 27.7
125 13.6 10.1 15.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
Dibenzo(a,h)anthracene
Concen: 36.535 ng
RT: 16.52 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

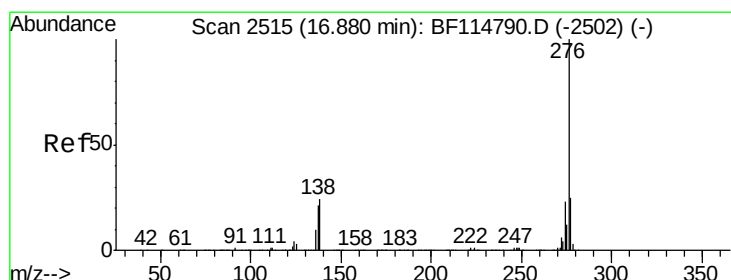
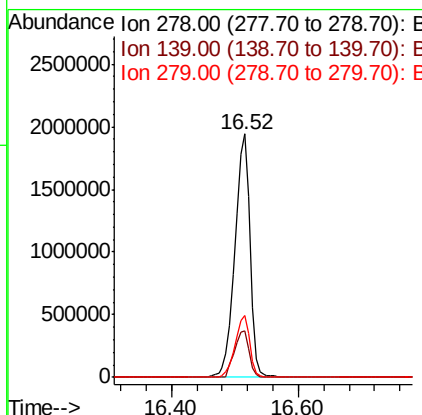
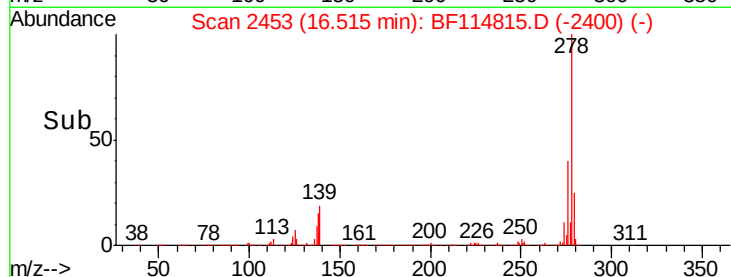
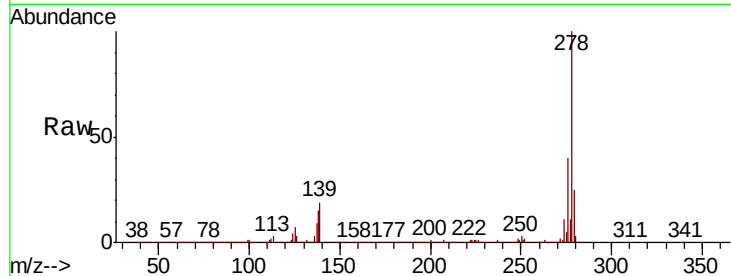
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tot Ion:278 Resp: 3156163

Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.6	22.0
279	25.4	20.1	30.1

Manual Integrations
APPROVED

mohammad
6/6/2019 4:49:47 PM



#92
Benzo(g,h,i)perylene
Concen: 37.433 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF114815.D
Acq: 5 Jun 2019 12:38

Tgt Ion:276 Resp: 3251901

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.6
138	24.9	19.4	29.2

