

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114836.D
 Acq On : 5 Jun 2019 23:27
 Operator : HP/JU
 Sample : K3189-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-8CMS

Manual Integrations
 APPROVED

mohammad
 6/6/2019 4:50:33 PM

Quant Time: Jun 06 07:29:21 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	362158	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1398963	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	714807	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1386289	20.00	ng	0.00
76) Chrysene-d12	13.80	240	626030	20.00	ng	0.00
87) Perylene-d12	15.17	264	906230	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	2484844	119.89	ng	0.02
7) Phenol-d6	6.32	99	3110383	123.33	ng	0.01
23) Nitrobenzene-d5	7.23	82	1993529	87.72	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	919564	119.37	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3231646	84.69	ng	0.00
79) Terphenyl-d14	12.76	244	3201281	99.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	346745	35.040	ng	99
3) Pyridine	3.01	79	955398	35.131	ng	99
4) n-Nitrosodimethylamine	2.94	42	417594	41.956	ng	94
6) Aniline	6.33	93	943559	26.367	ng	# 1
8) 2-Chlorophenol	6.46	128	1055367	44.071	ng	98
9) Benzaldehyde	6.21	77	325390	18.601	ng	100
10) Phenol	6.33	94	1214930	42.126	ng	88
11) bis(2-Chloroethyl)ether	6.41	93	986044	43.809	ng	97
12) 1,3-Dichlorobenzene	6.61	146	1120388	40.151	ng	97
13) 1,4-Dichlorobenzene	6.69	146	1136609	40.481	ng	98
14) 1,2-Dichlorobenzene	6.85	146	1055163	41.611	ng	98
15) Benzyl Alcohol	6.82	79	846715	44.397	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1393560	43.291	ng	100
17) 2-Methylphenol	6.93	107	882621	43.119	ng	100
18) Hexachloroethane	7.19	117	408364	38.640	ng	95
19) n-Nitroso-di-n-propylamine	7.10	70	690670	41.372	ng	98
20) 3+4-Methylphenols	7.09	107	981727	43.483	ng	# 87
22) Acetophenone	7.08	105	1374331	44.621	ng	97
24) Nitrobenzene	7.25	77	1071426	45.509	ng	99
25) Isophorone	7.50	82	2033170	45.254	ng	100
26) 2-Nitrophenol	7.57	139	611373	47.946	ng	94
27) 2,4-Dimethylphenol	7.62	122	973618	50.236	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	1285877	44.774	ng	99
29) 2,4-Dichlorophenol	7.82	162	939602	46.081	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	1000592	42.768	ng	99
31) Naphthalene	7.97	128	2851698	45.278	ng	99
32) Benzoic acid	7.74	122	494308	35.018	ng	98
33) 4-Chloroaniline	8.02	127	496624	16.529	ng	97
34) Hexachlorobutadiene	8.10	225	541950	40.744	ng	99
35) Caprolactam	8.40	113	310843m	46.667	ng	
36) 4-Chloro-3-methylphenol	8.51	107	954428	47.040	ng	99
37) 2-Methylnaphthalene	8.66	142	1999940	45.781	ng	100
38) 1-Methylnaphthalene	8.76	142	1906627	46.023	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	881886	42.811	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	623554	49.910	ng	99
43) 2,4,6-Trichlorophenol	8.95	196	706167	44.086	ng	98
44) 2,4,5-Trichlorophenol	8.99	196	729218	45.204	ng	96
46) 1,1'-Biphenyl	9.13	154	2337853	44.129	ng	98
47) 2-Chloronaphthalene	9.15	162	1911683	42.466	ng	98
48) 2-Nitroaniline	9.25	65	579791	43.159	ng	96
49) Acenaphthylene	9.56	152	2911630	44.601	ng	100
50) Dimethylphthalate	9.43	163	2919848	55.928	ng	99
51) 2,6-Dinitrotoluene	9.49	165	560180	45.625	ng	90
52) Acenaphthene	9.73	154	1761559	41.193	ng	100
53) 3-Nitroaniline	9.65	138	418716	29.193	ng	98
54) 2,4-Dinitrophenol	9.76	184	356872	64.233	ng	96
55) Dibenzofuran	9.90	168	2560129	43.053	ng	99
56) 4-Nitrophenol	9.82	139	952111	90.592	ng	99
57) 2,4-Dinitrotoluene	9.89	165	735485	47.651	ng	96
58) Fluorene	10.25	166	1787031	47.375	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	616594	46.654	ng	99
60) Diethylphthalate	10.13	149	2375754	45.350	ng	99
61) 4-Chlorophenyl-phenylether	10.24	204	905188	39.744	ng	99
62) 4-Nitroaniline	10.26	138	538214	38.688	ng	100
63) Azobenzene	10.40	77	2043582	45.828	ng	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	259852	36.085	ng	97
66) n-Nitrosodiphenylamine	10.36	169	1879715	44.842	ng	100
67) 4-Bromophenyl-phenylether	10.73	248	653033	41.476	ng	97
68) Hexachlorobenzene	10.79	284	692868	40.209	ng	# 93
69) Atrazine	10.89	200	621440	42.626	ng	98
70) Pentachlorophenol	10.99	266	768892	77.187	ng	98
71) Phenanthrene	11.20	178	2880665	43.528	ng	99
72) Anthracene	11.25	178	2942995	42.255	ng	100
73) Carbazole	11.40	167	2568528	43.020	ng	99
74) Di-n-butylphthalate	11.75	149	3424024	43.602	ng	99
75) Fluoranthene	12.38	202	2741456	39.800	ng	99
77) Benzidine	12.50	184	905331	29.212	ng	96
78) Pyrene	12.60	202	2675490	49.264	ng	99
80) Butylbenzylphthalate	13.23	149	1457912	53.161	ng	97
81) Benzo(a)anthracene	13.79	228	2125580	44.061	ng	98
82) 3,3'-Dichlorobenzidine	13.75	252	777664	39.755	ng	99
83) Chrysene	13.82	228	2128456	45.354	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2210865	63.753	ng	99
85) Di-n-octyl phthalate	14.40	149	3027341	51.377	ng	100
86) Indeno(1,2,3-cd)pyrene	16.49	276	2044368	38.179	ng	99
88) Benzo(b)fluoranthene	14.79	252	2599631	45.061	ng	99
89) Benzo(k)fluoranthene	14.82	252	1967257	40.154	ng	100
90) Benzo(a)pyrene	15.12	252	2229847	44.655	ng	99
91) Dibenzo(a,h)anthracene	16.51	278	1742298	36.844	ng	99
92) Benzo(g,h,i)perylene	16.89	276	1584093	33.311	ng	98

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

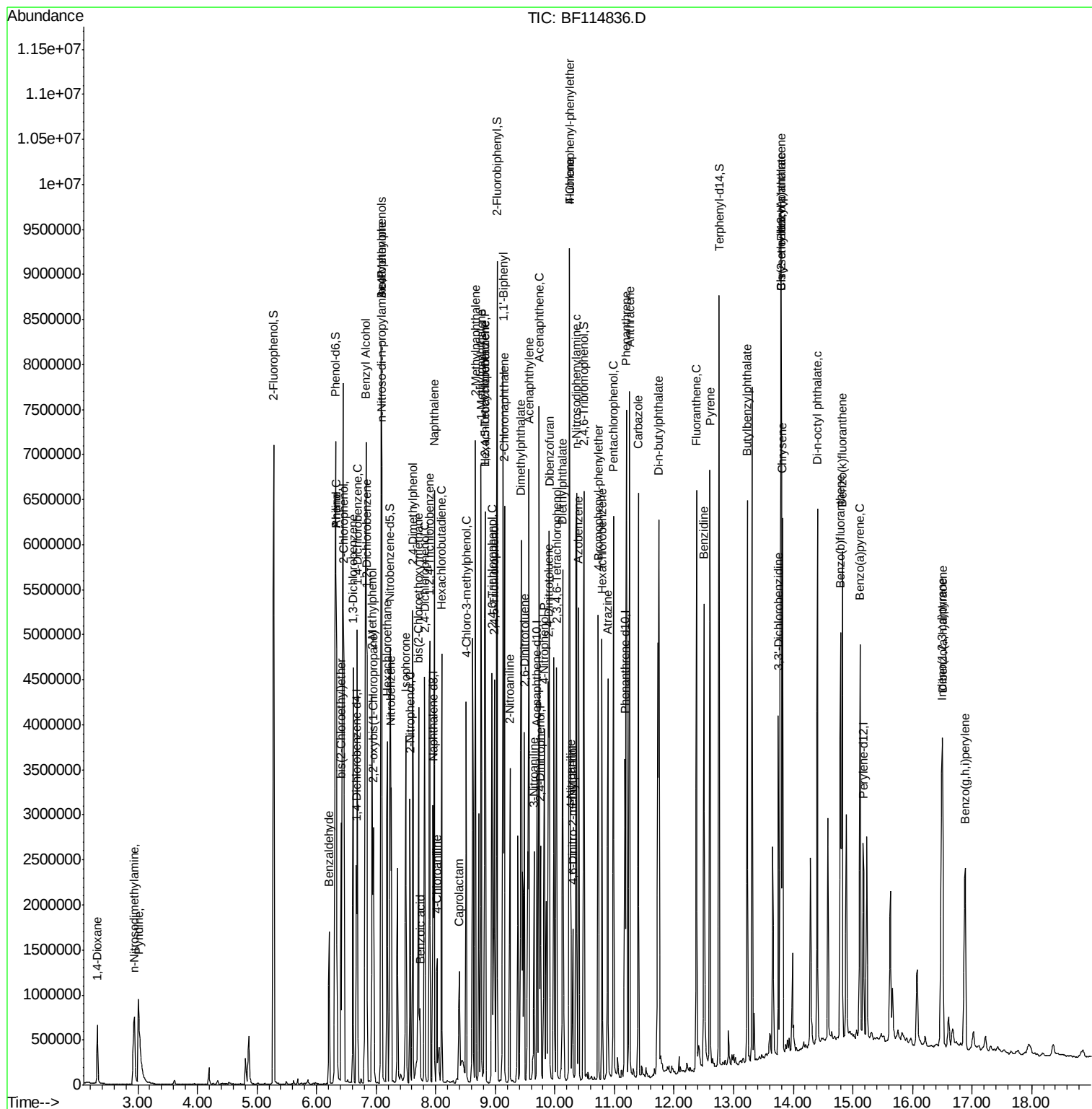
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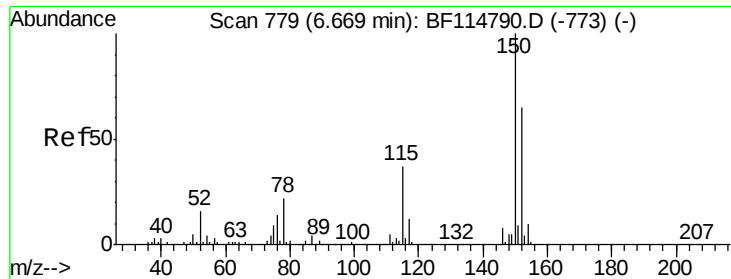
Instrument :
BNA_F
ClientSampled :
S-8CMS

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#1

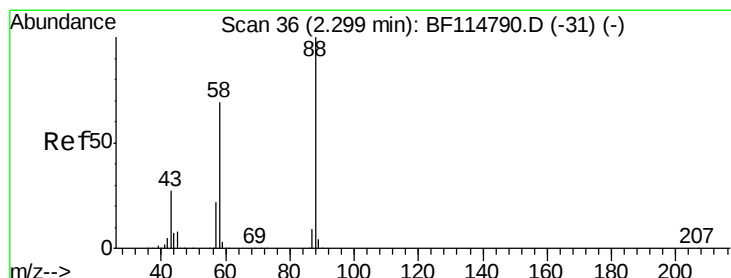
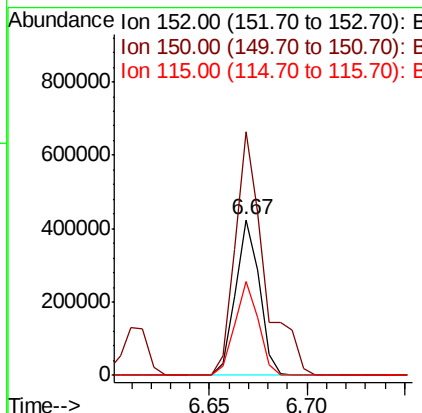
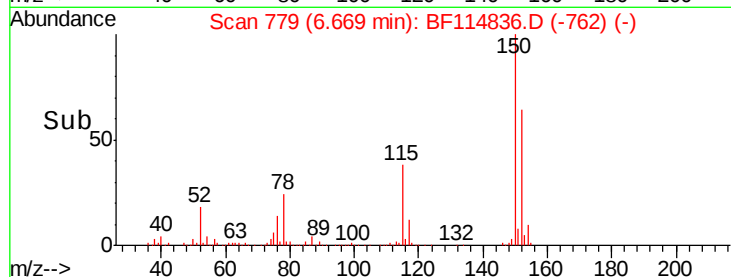
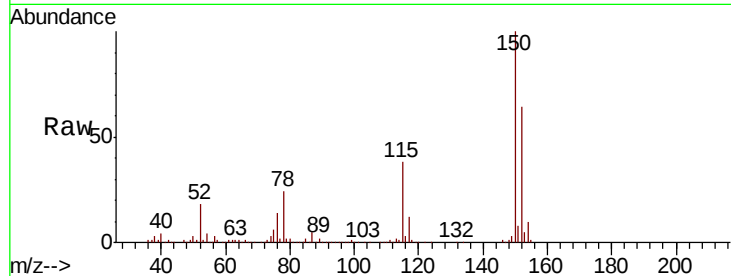
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.0	186.0
115	59.9	46.3	69.5

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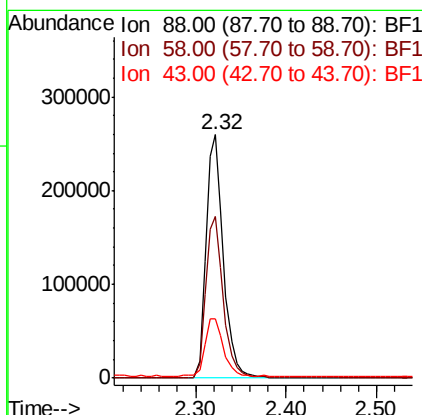
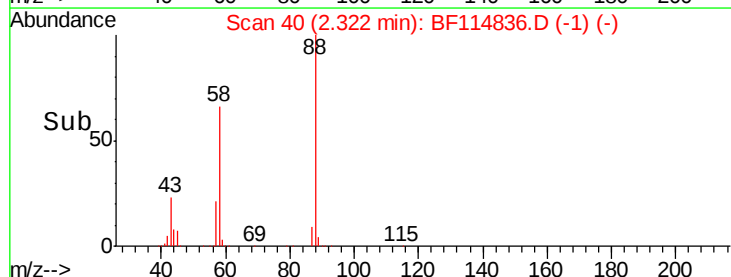
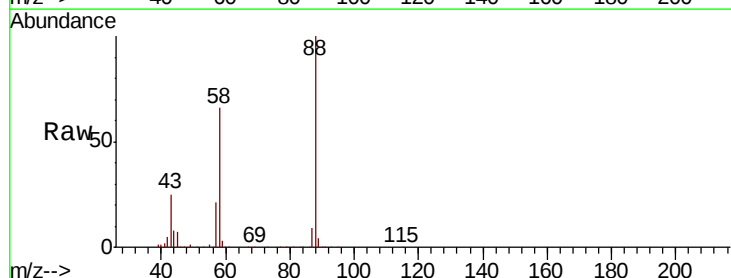
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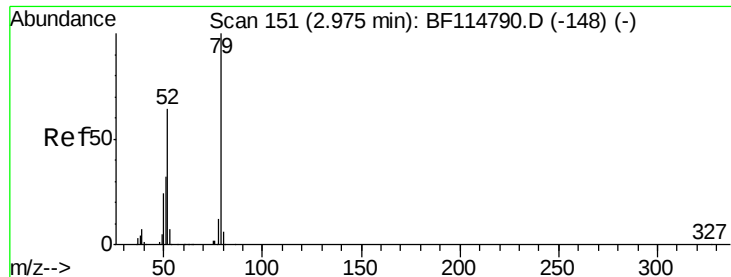


#2

1,4-Dioxane
Concen: 35.040 ng
RT: 2.32 min Scan# 40
Delta R.T. 0.02 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.7	53.8	80.8
43	25.0	20.7	31.1





#3

Pvridine

Concen: 35.131 ng

RT: 3.01 min Scan# 157

Delta R.T. 0.04 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

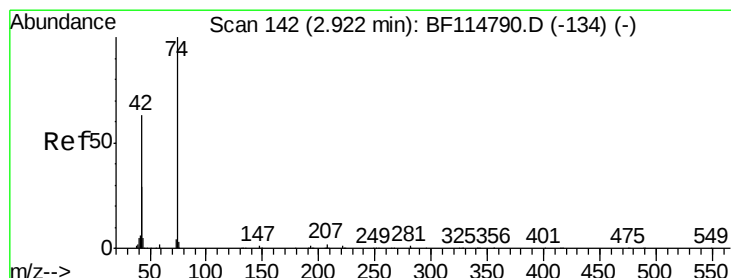
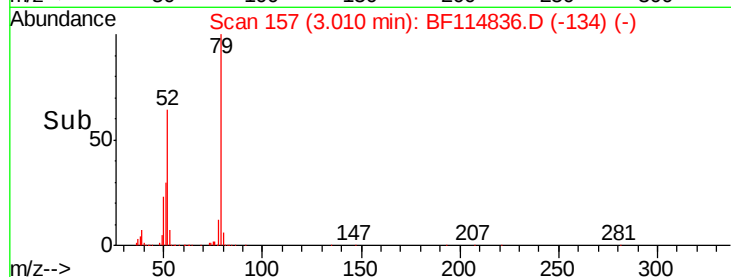
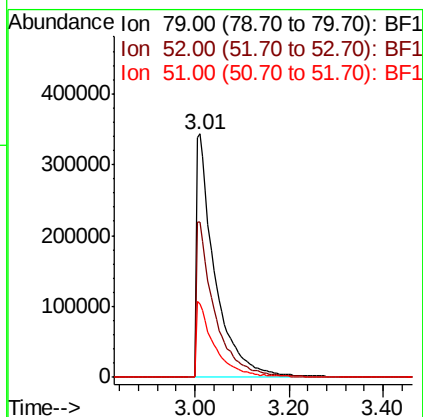
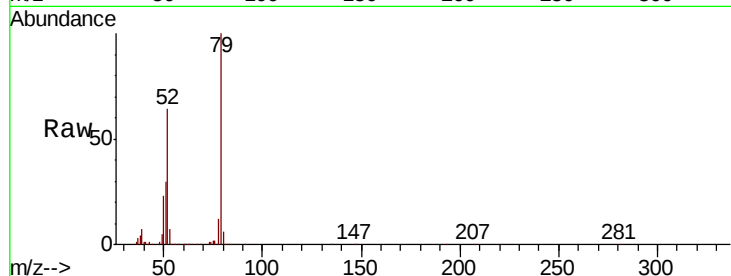
ClientSampleId :

S-8CMS

Tot Ion:	79	Resp:	955398
Ion Ratio	Lower	Upper	
79	100		
52	64.0	51.0	76.4
51	30.2	25.7	38.5

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#4

n-Nitrosodimethylamine

Concen: 41.956 ng

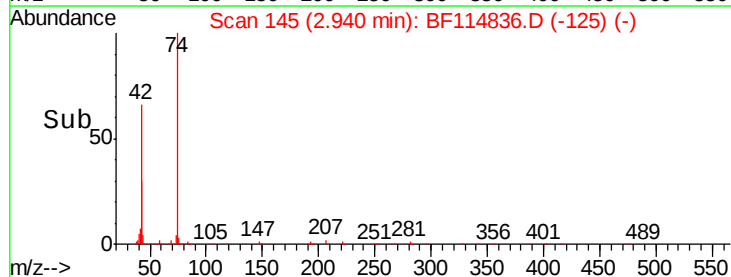
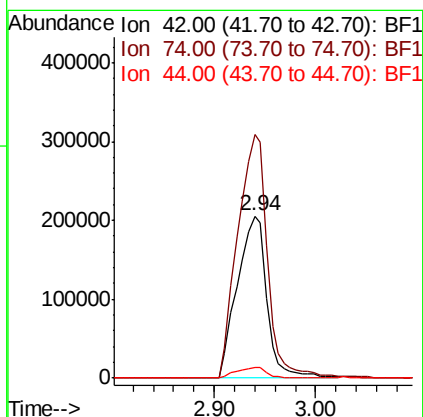
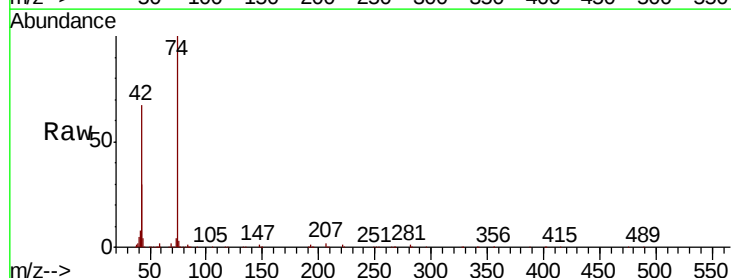
RT: 2.94 min Scan# 145

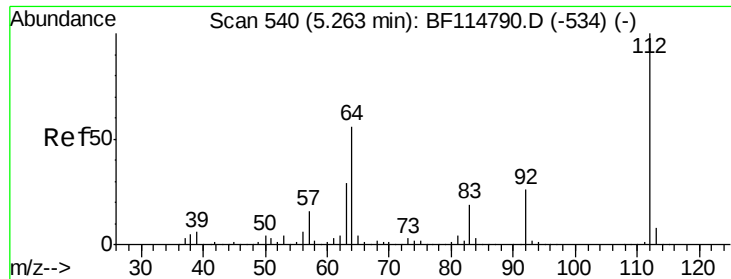
Delta R.T. 0.02 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Tgt Ion:	42	Resp:	417594
Ion Ratio	Lower	Upper	
42	100		
74	150.0	126.2	189.2
44	6.6	5.9	8.9





#5

2-Fluorophenol

Concen: 119.890 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.02 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampleId :

S-8CMS

Tot Ion:112 Resp: 2484844

Ion Ratio Lower Upper

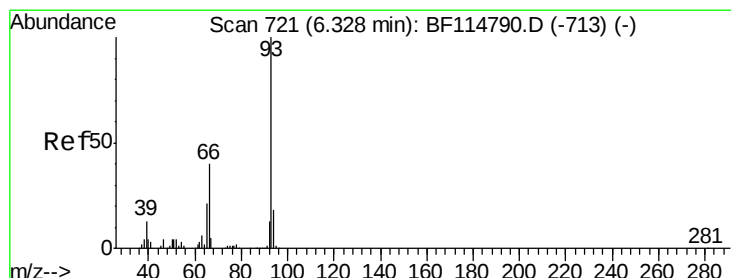
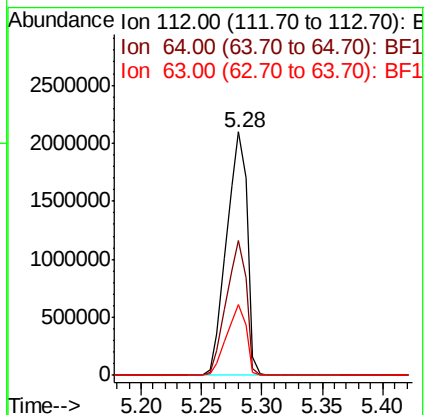
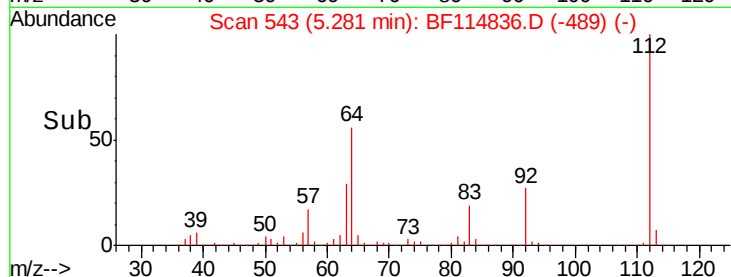
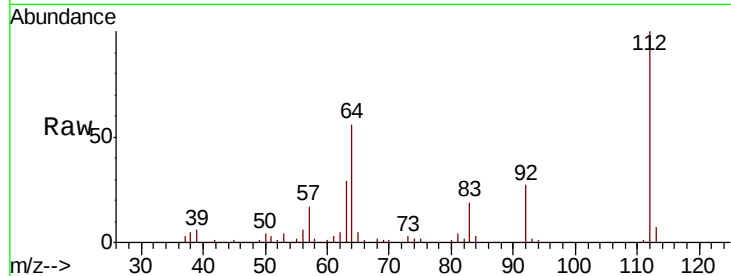
112 100

64 55.5 44.6 66.8

63 28.9 23.0 34.4

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#6

Aniline

Concen: 26.367 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

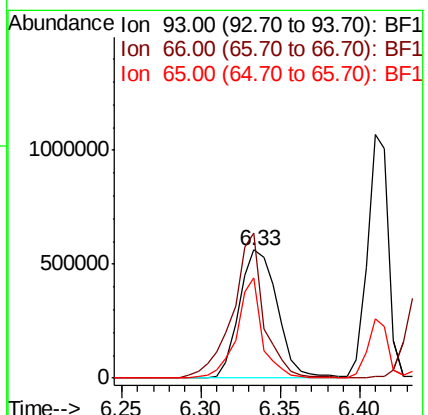
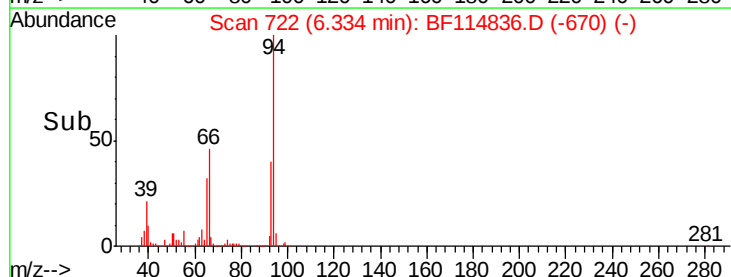
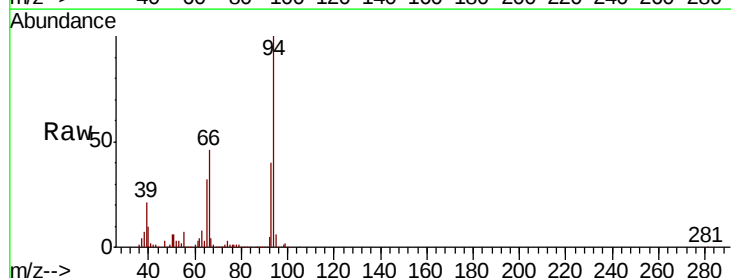
Tgt Ion: 93 Resp: 943559

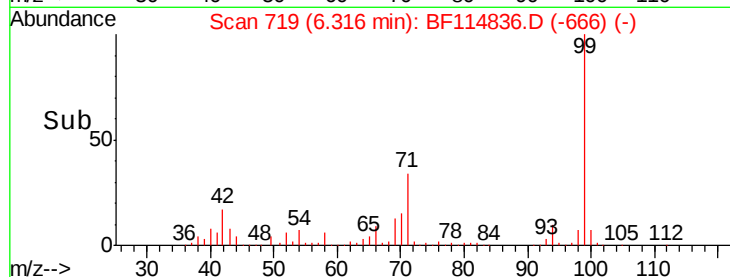
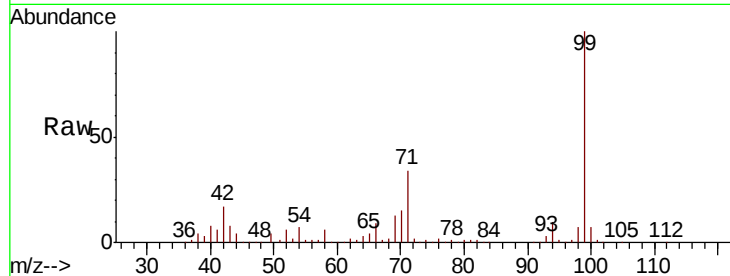
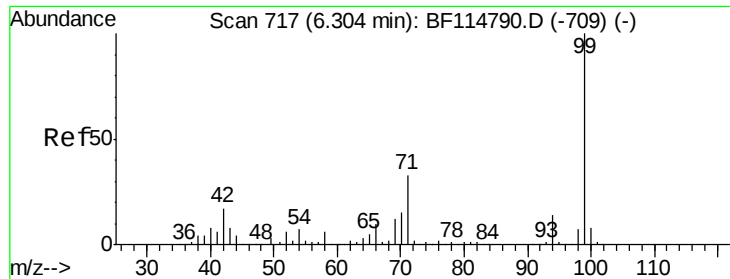
Ion Ratio Lower Upper

93 100

66 113.2 32.8 49.2#

65 78.3 16.9 25.3#





#7

Phenol-d6

Concen: 123.332 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Tot Ion: 99 Resp: 3110383

Ion Ratio Lower Upper

99 100

42 16.7 13.3 19.9

71 33.7 26.3 39.5

Instrument :

BNA_F

ClientSampleId :

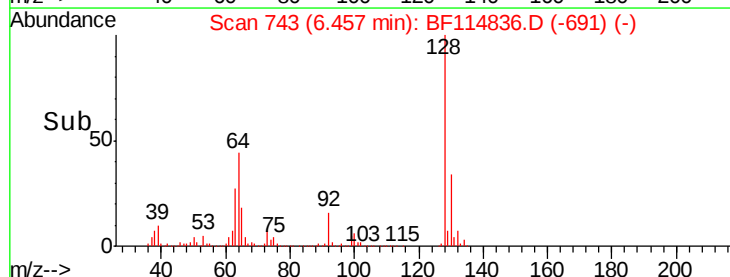
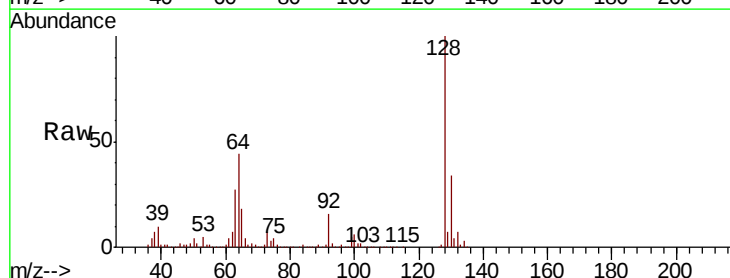
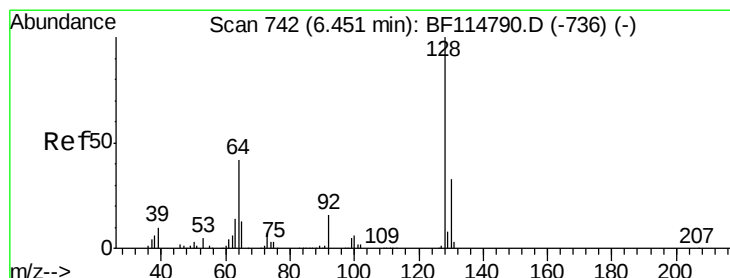
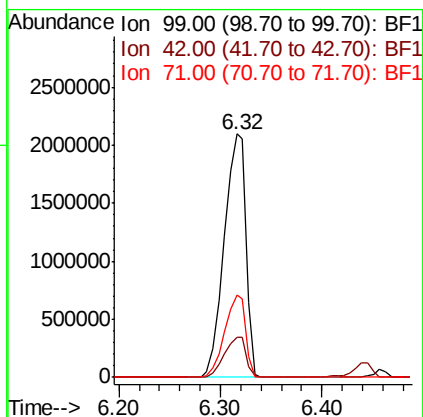
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#8

2-Chlorophenol

Concen: 44.071 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

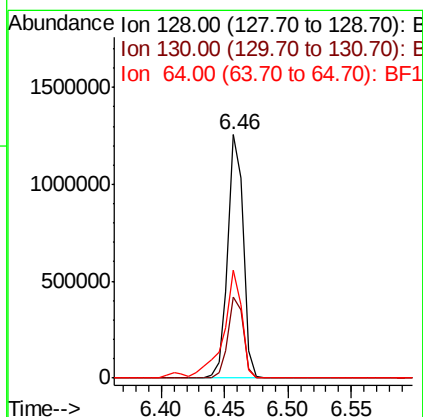
Tgt Ion:128 Resp: 1055367

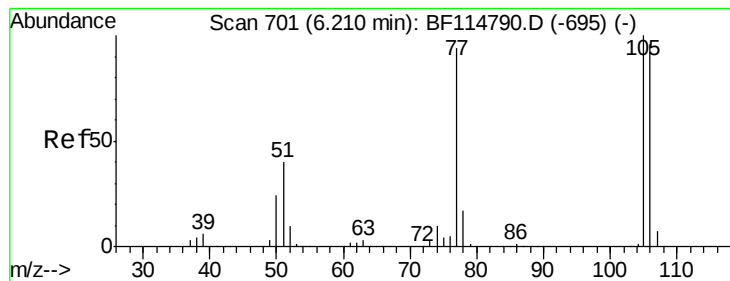
Ion Ratio Lower Upper

128 100

130 33.5 12.7 52.7

64 44.1 22.5 62.5





#9

Benzaldehyde

Concen: 18.601 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

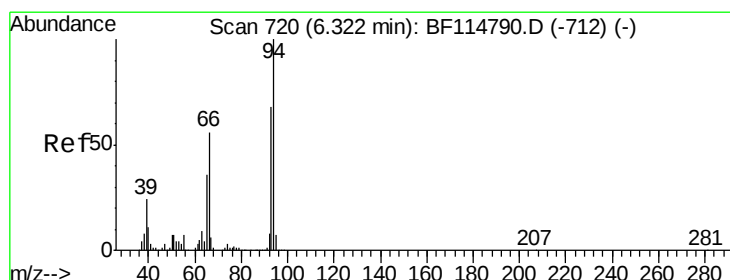
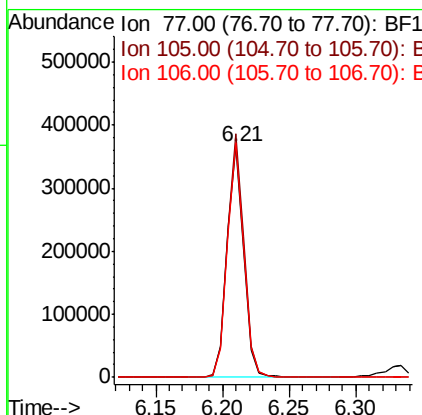
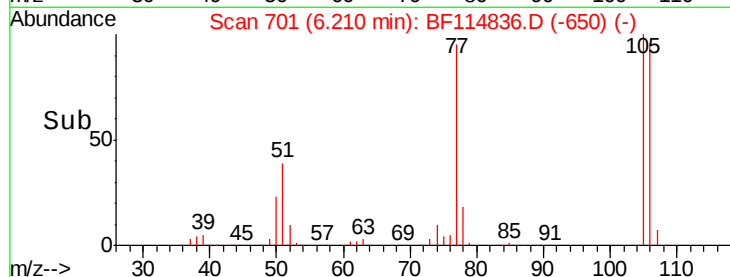
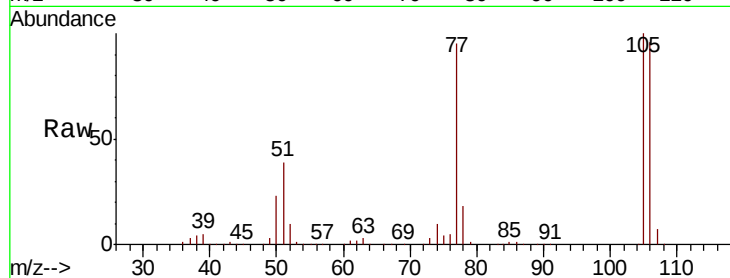
ClientSampled :

S-8CMS

Tot Ion:	77	Resp:	325390
Ion	Ratio	Lower	Upper
77	100		
105	105.5	85.8	125.8
106	101.5	81.6	121.6

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#10

Phenol

Concen: 42.126 ng

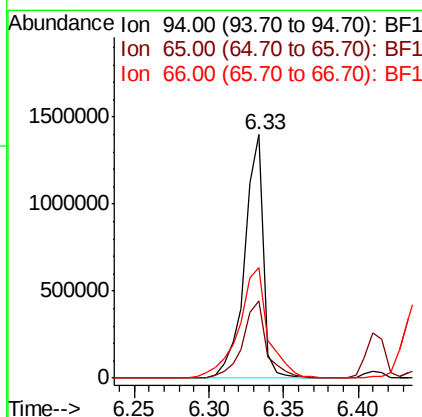
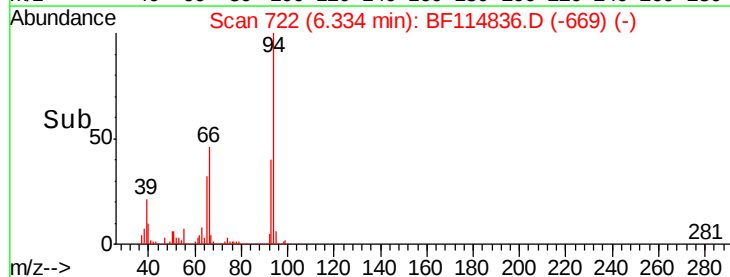
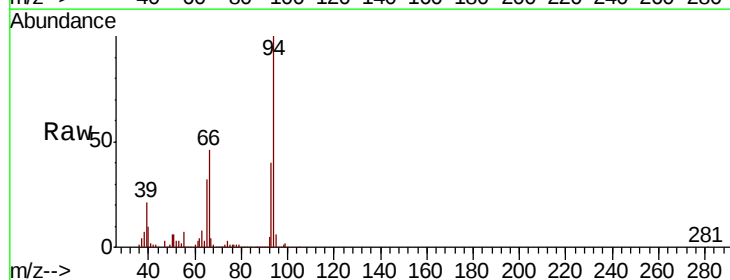
RT: 6.33 min Scan# 722

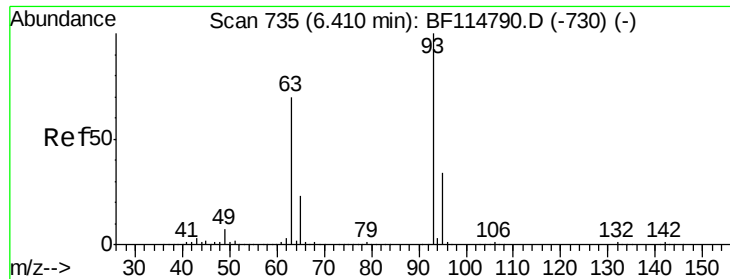
Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Tgt Ion:	94	Resp:	1214930
Ion	Ratio	Lower	Upper
94	100		
65	31.5	16.1	56.1
66	45.5	36.3	76.3





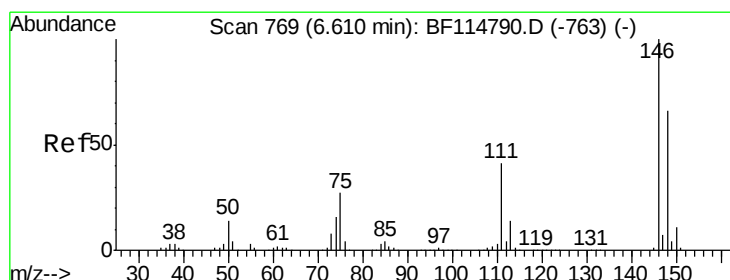
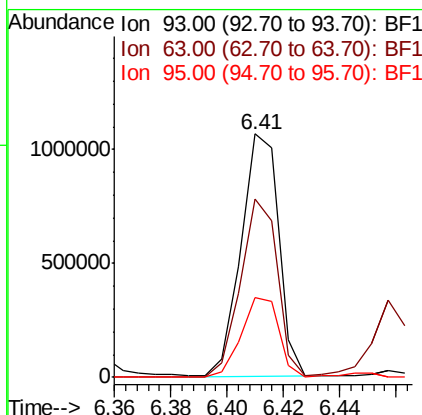
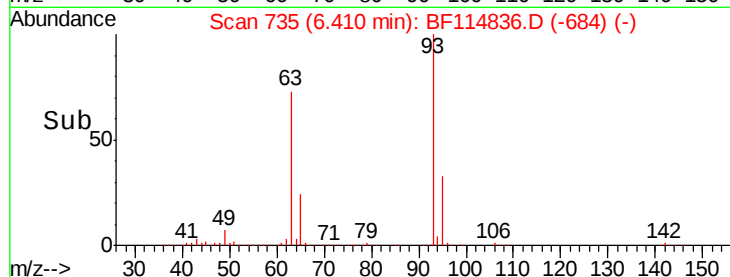
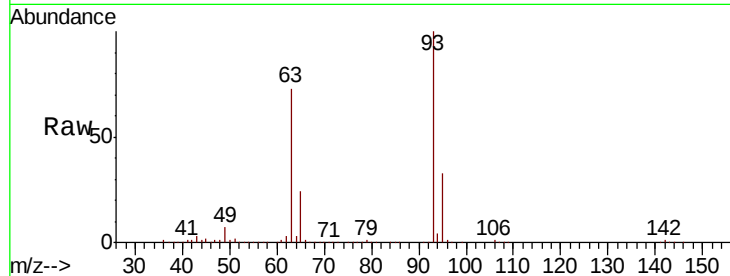
#11
bis(2-Chloroethyl)ether
Concen: 43.809 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.2	49.6	89.6
95	33.0	13.6	53.6

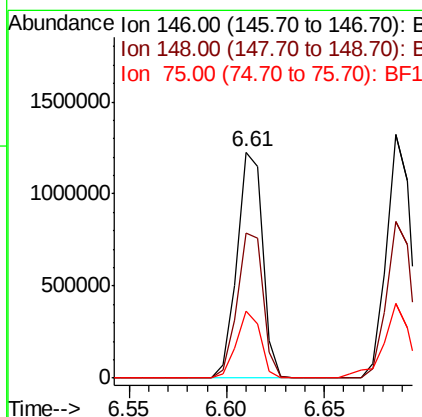
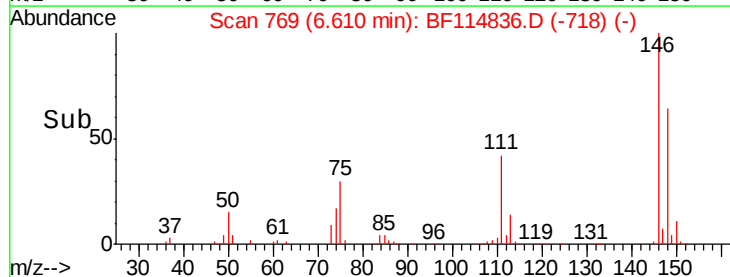
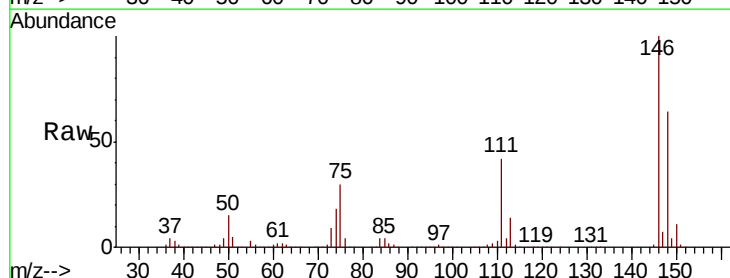
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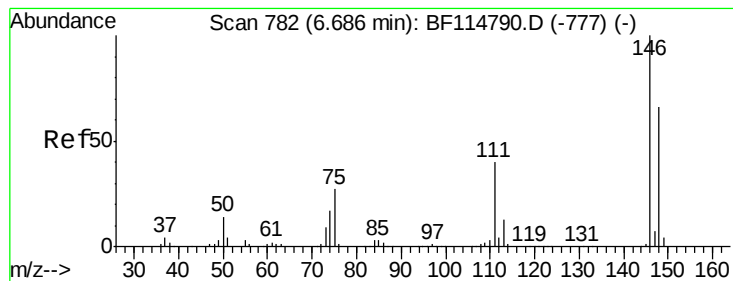
mohammad
6/6/2019 4:50:33 PM



#12
1,3-Dichlorobenzene
Concen: 40.151 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.7	79.1
75	29.9	22.0	33.0





#13

1,4-Dichlorobenzene

Concen: 40.481 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampleId :

S-8CMS

Tot Ion:146 Resp: 1136609

Ion Ratio Lower Upper

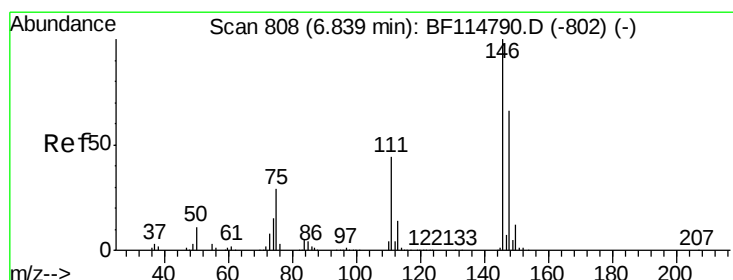
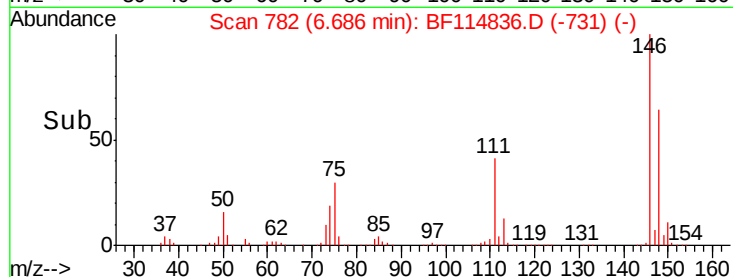
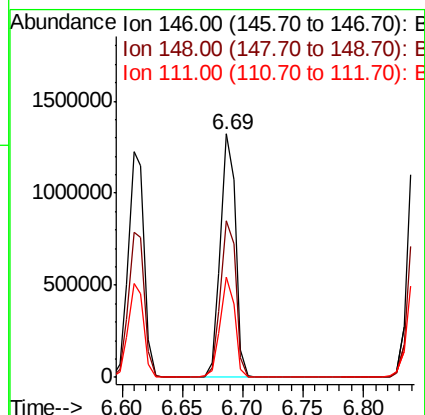
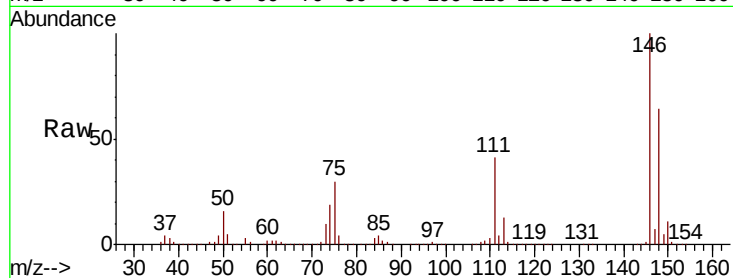
146 100

148 64.4 53.0 79.4

111 41.1 32.2 48.4

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#14

1,2-Dichlorobenzene

Concen: 41.611 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

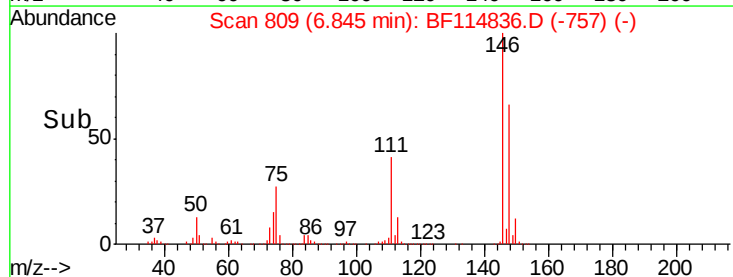
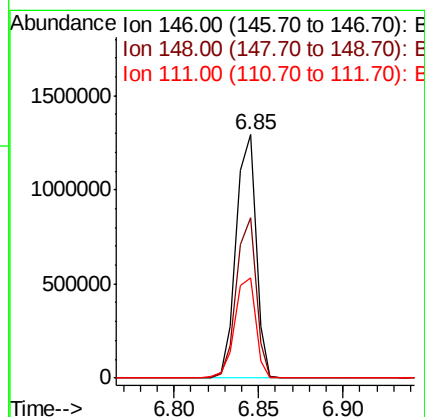
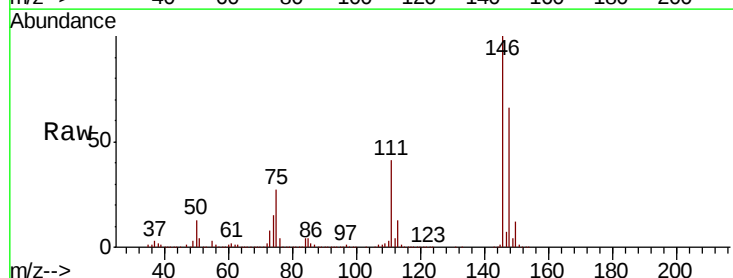
Tgt Ion:146 Resp: 1055163

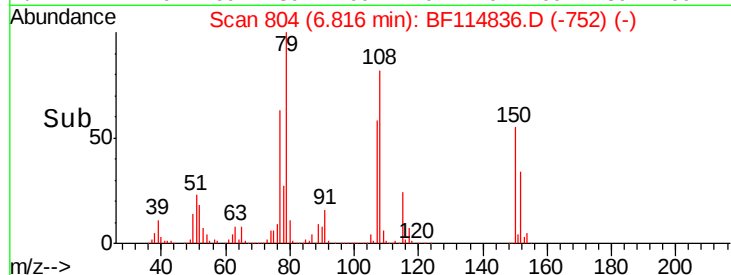
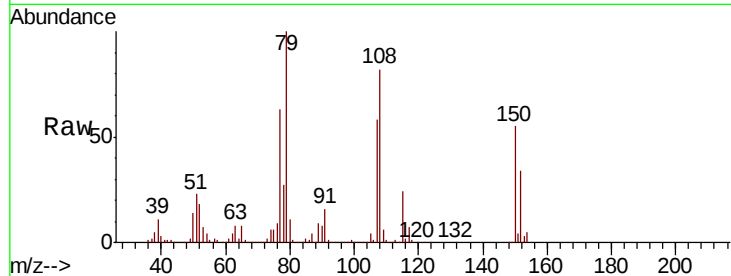
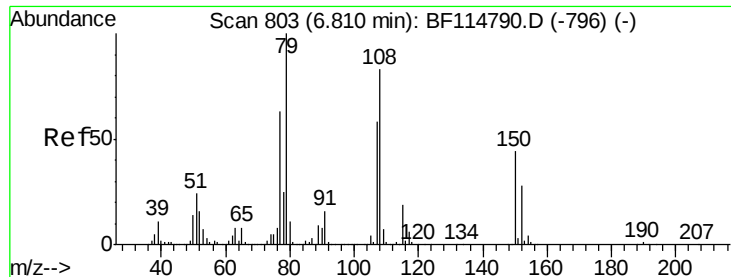
Ion Ratio Lower Upper

146 100

148 65.8 52.5 78.7

111 41.0 34.8 52.2





#15

Benzyl Alcohol

Concen: 44.397 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Tot Ion:	79	Resp:	846715
Ion Ratio	Lower	Upper	
79	100		
108	82.1	66.8	100.2
77	63.4	50.6	76.0

Instrument :

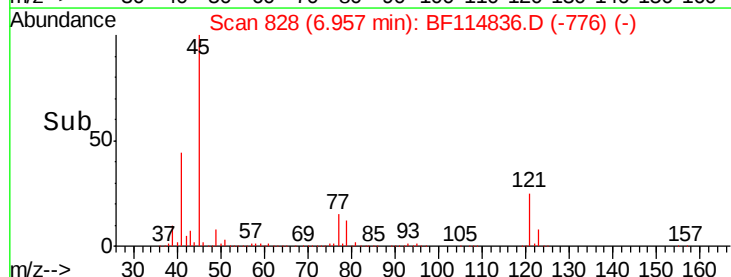
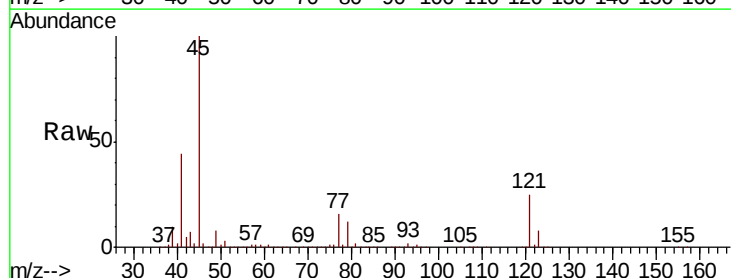
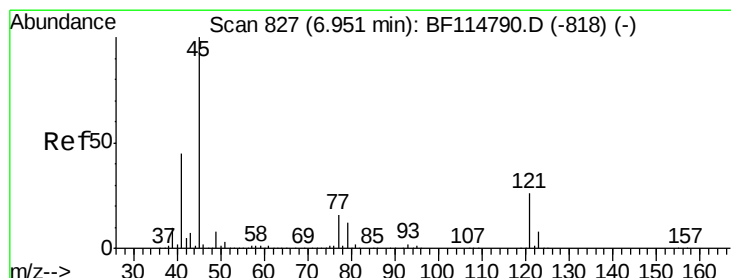
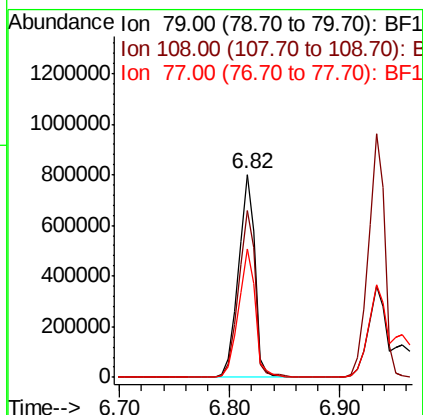
BNA_F

ClientSampled :

S-8CMS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.291 ng

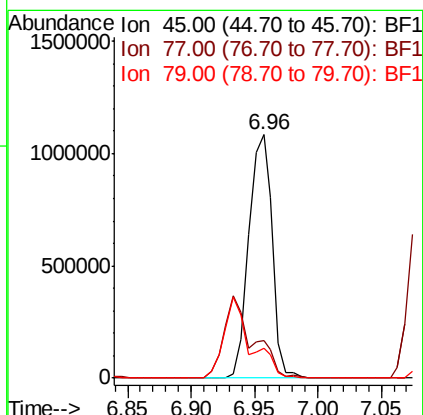
RT: 6.96 min Scan# 828

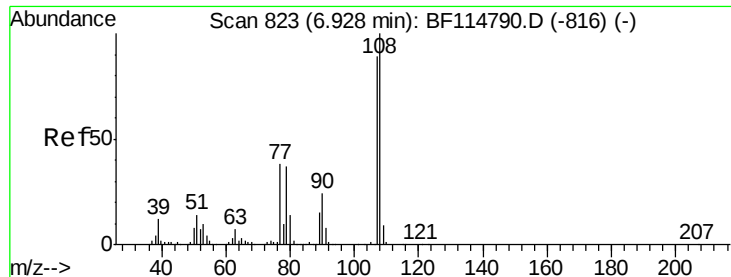
Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Tgt Ion:	45	Resp:	1393560
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	35.8
79	12.0	0.0	32.0





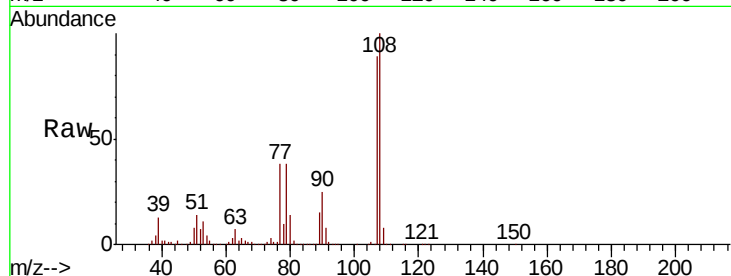
#17
2-Methylphenol
Concen: 43.119 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

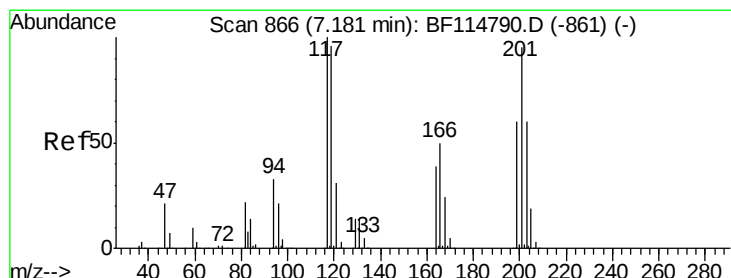
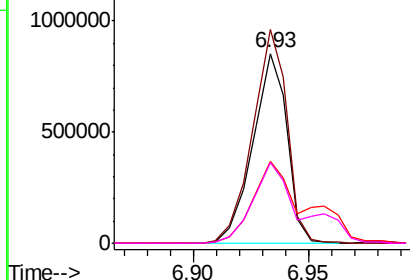
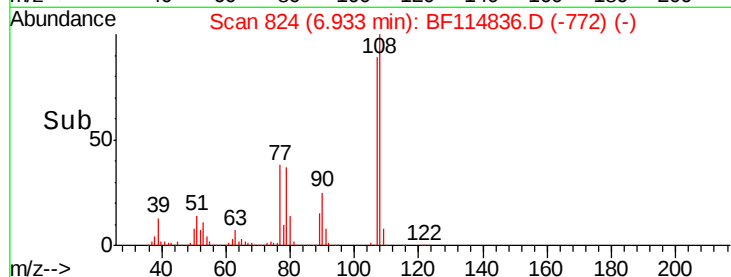
Tot Ion:	107	Resp:	882621
Ion Ratio	Lower	Upper	
107	100		
108	112.4	90.2	135.2
77	43.0	34.5	51.7
79	42.2	33.8	50.6

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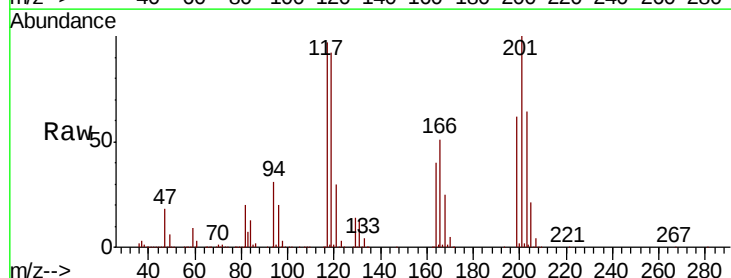


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

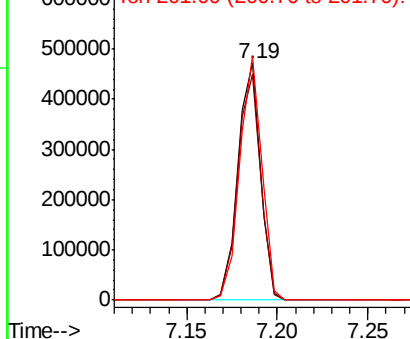
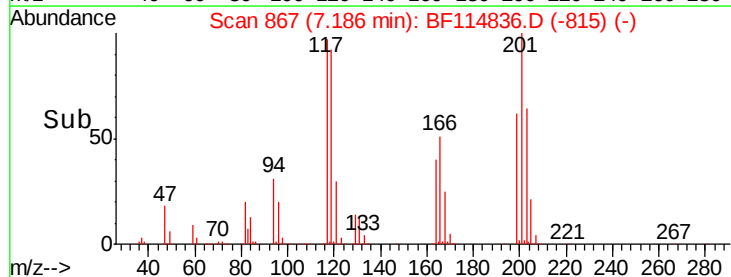


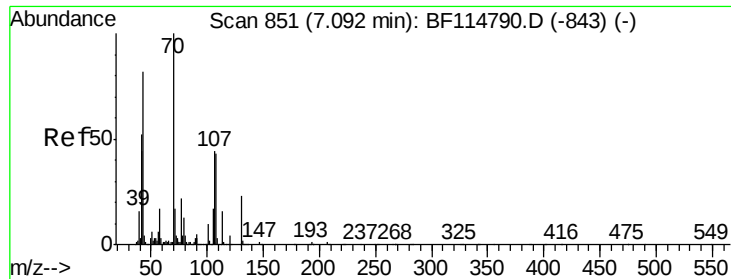
#18
Hexachloroethane
Concen: 38.640 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion:	117	Resp:	408364
Ion Ratio	Lower	Upper	
117	100		
119	95.0	77.0	115.4
201	102.8	76.0	114.0



Abundance Ion 117.00 (116.70 to 117.70): E
600000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





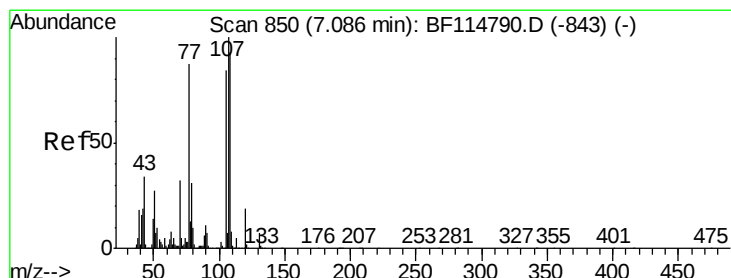
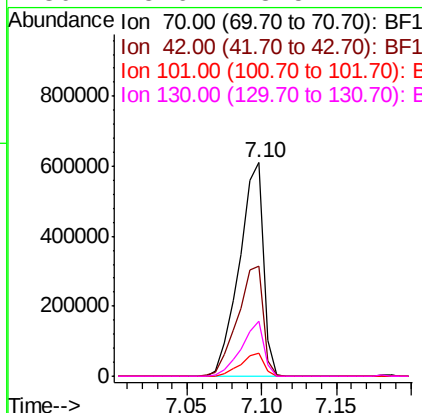
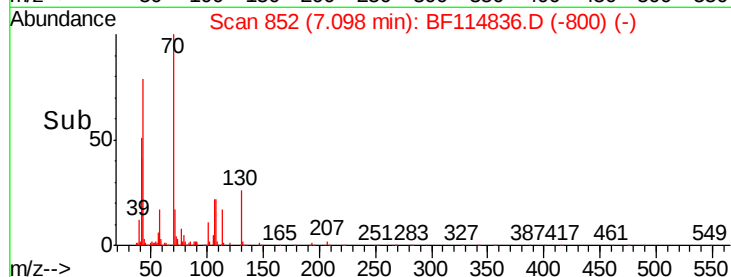
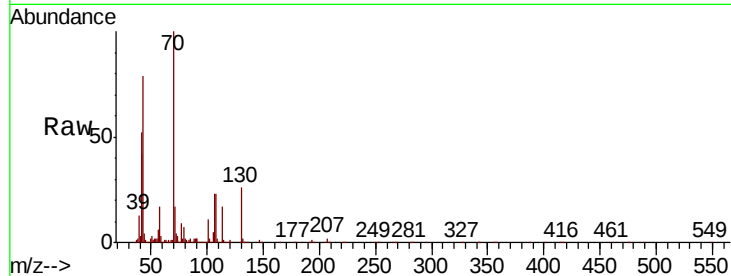
#19
n-Nitroso-di-n-propylamine
Concen: 41.372 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		690670		
42	51.5	41.8	62.8		
101	10.7	8.2	12.4		
130	25.6	18.5	27.7		

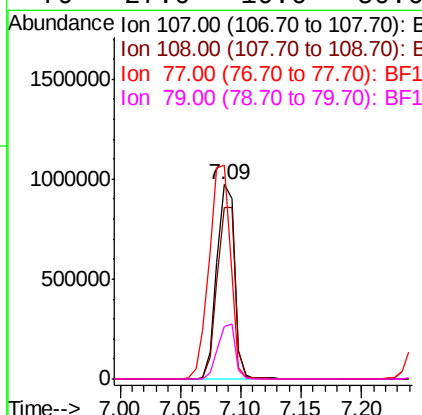
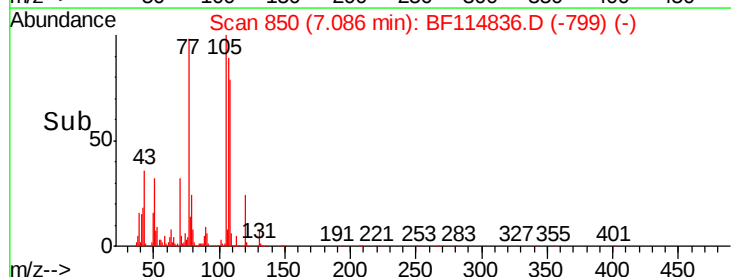
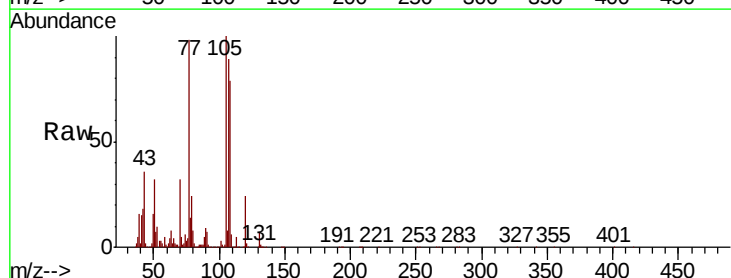
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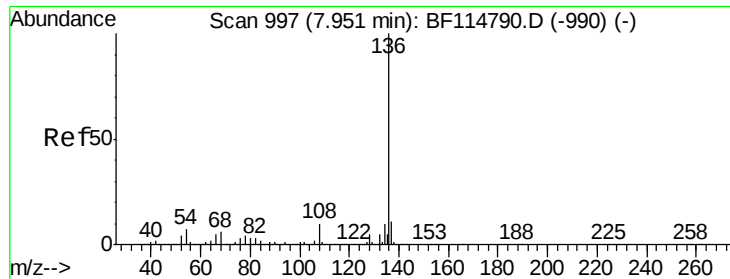
mohammad
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#20
3+4-Methylphenols
Concen: 43.483 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		981727		
108	88.6	73.5	113.5		
77	110.1	67.2	107.2#		
79	27.0	10.6	50.6		





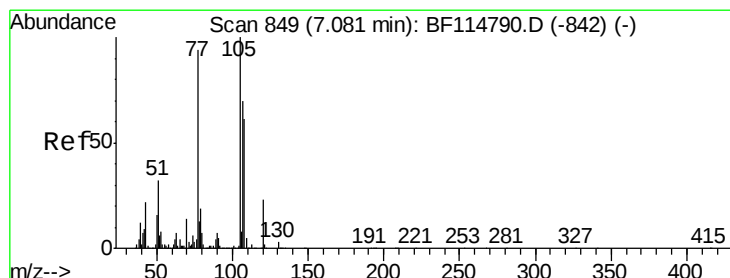
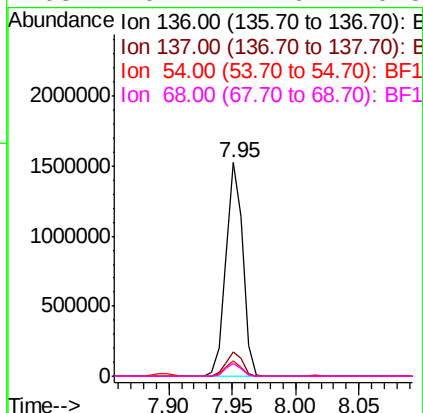
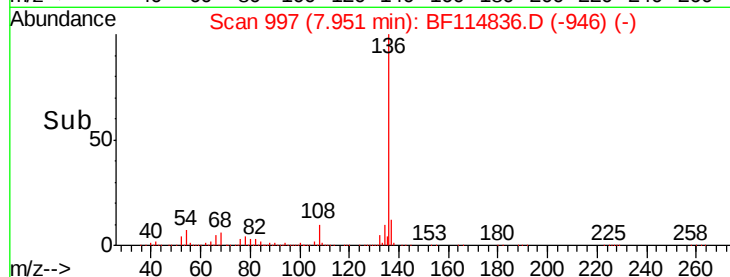
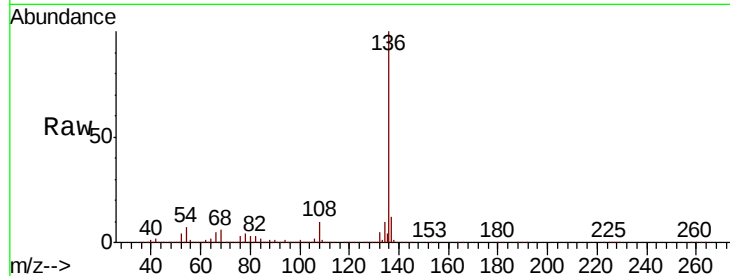
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1398963		
137	11.7	9.1	13.7		
54	7.2	5.4	8.0		
68	6.2	4.6	6.8		

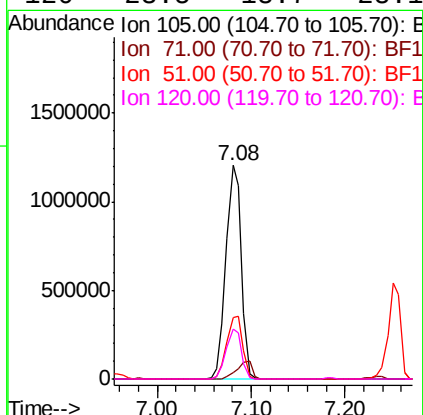
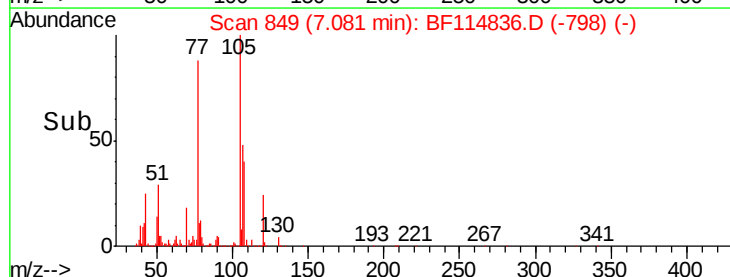
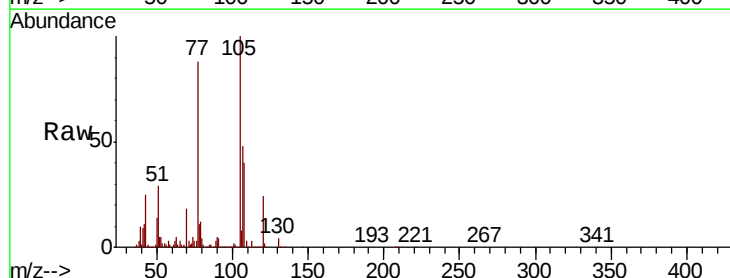
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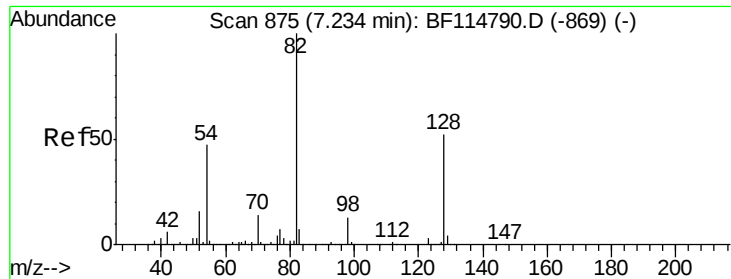
mohammad
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#22
Acetophenone
Concen: 44.621 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1374331		
71	3.0	2.0	3.0		
51	28.8	25.4	38.0		
120	23.5	18.7	28.1		





#23

Nitrobenzene-d5

Concen: 87.721 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampleId :

S-8CMS

Tot Ion: 82 Resp: 1993529

Ion Ratio Lower Upper

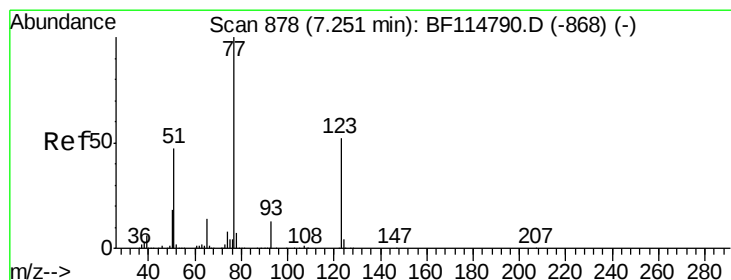
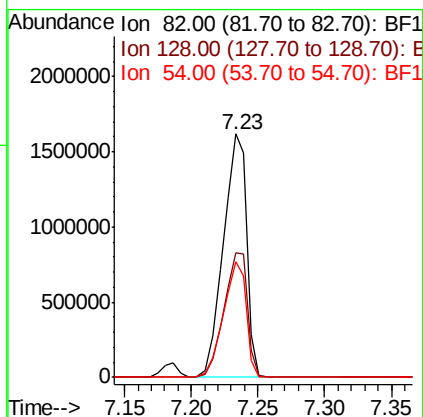
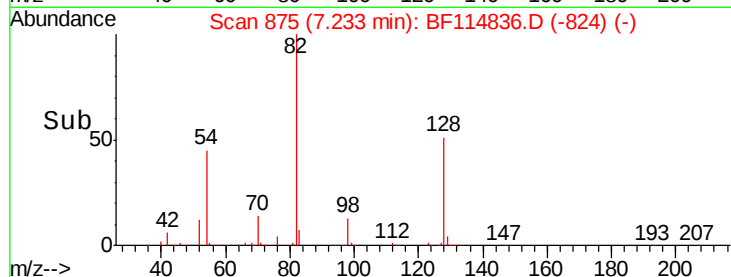
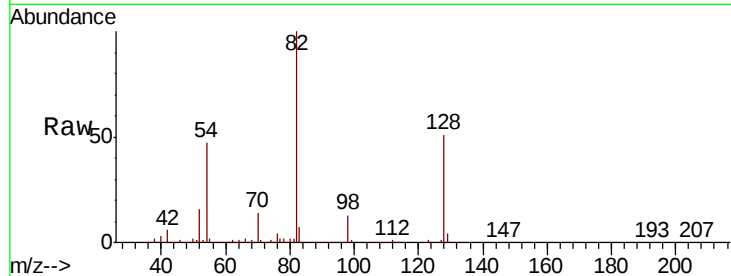
82 100

128 51.2 41.8 62.6

54 47.3 37.9 56.9

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#24

Nitrobenzene

Concen: 45.509 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

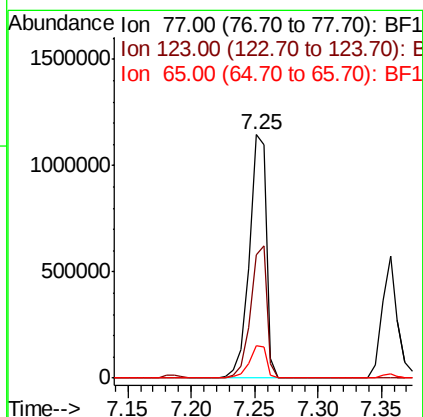
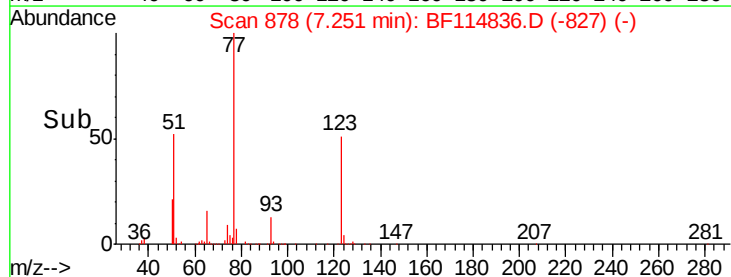
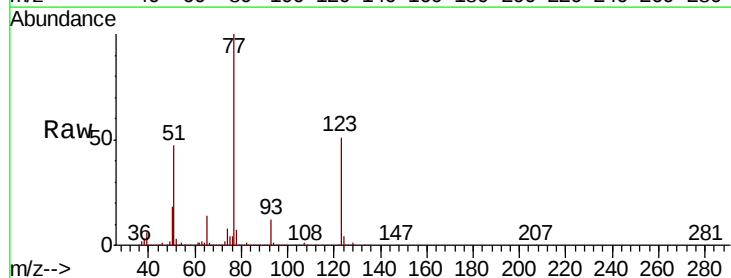
Tgt Ion: 77 Resp: 1071426

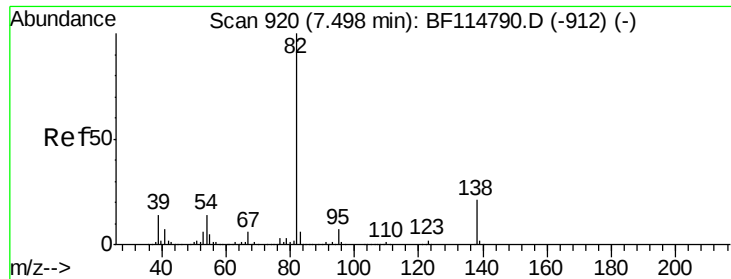
Ion Ratio Lower Upper

77 100

123 50.9 41.5 62.3

65 13.5 10.8 16.2





#25

Isophorone

Concen: 45.254 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampleId :

S-8CMS

Tot Ion: 82 Resp: 2033170

Ion Ratio Lower Upper

82 100

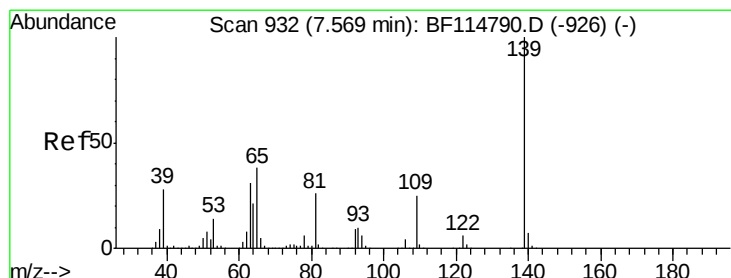
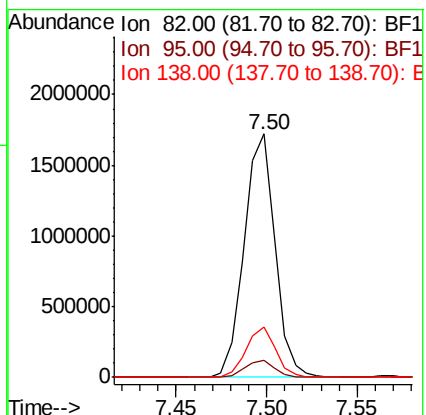
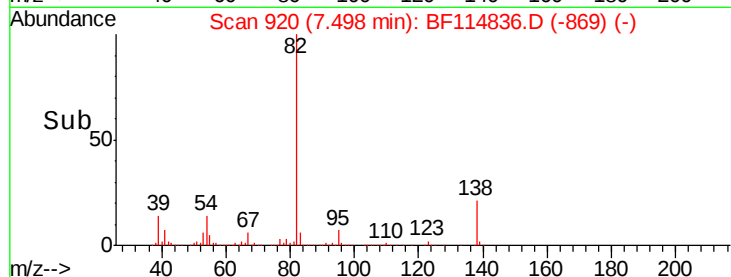
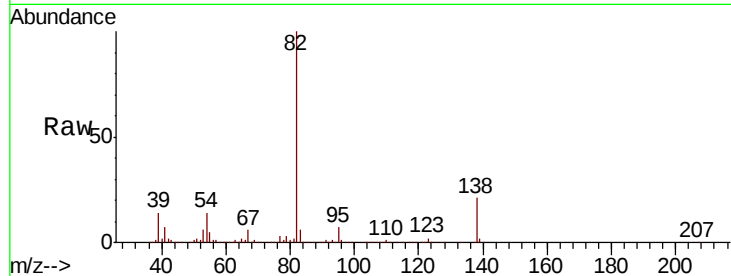
95 7.0 5.8 8.8

138 20.9 16.9 25.3

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#26

2-Nitrophenol

Concen: 47.946 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

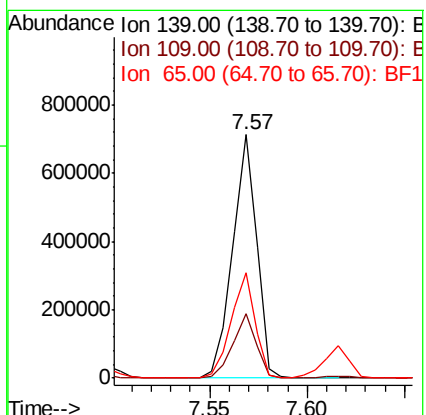
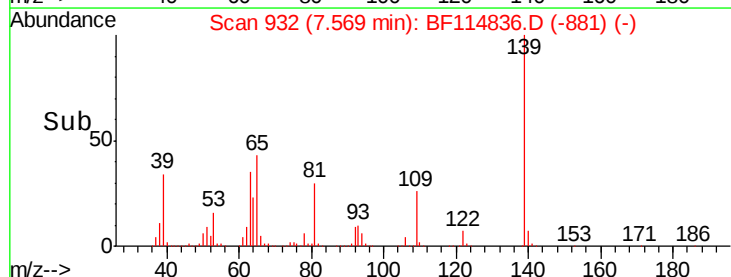
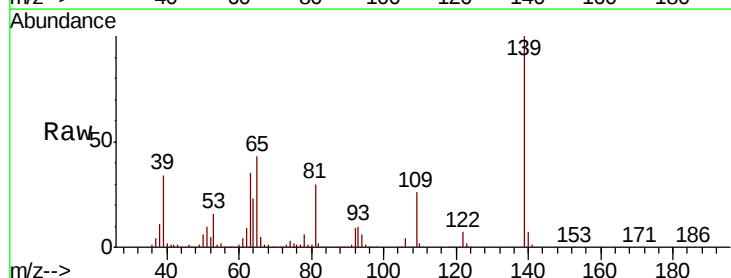
Tgt Ion: 139 Resp: 611373

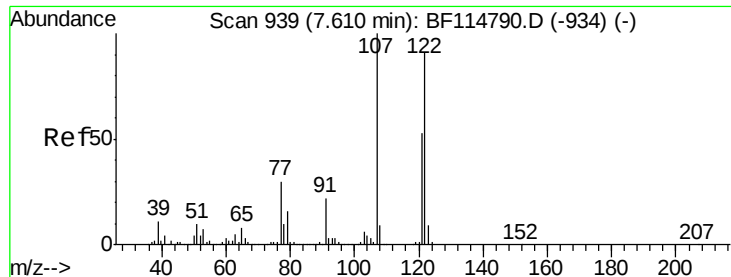
Ion Ratio Lower Upper

139 100

109 26.2 20.4 30.6

65 43.2 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 50.236 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

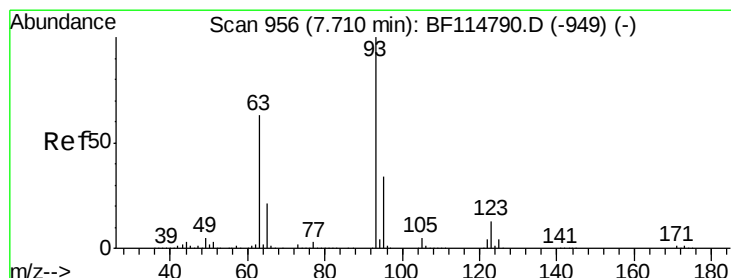
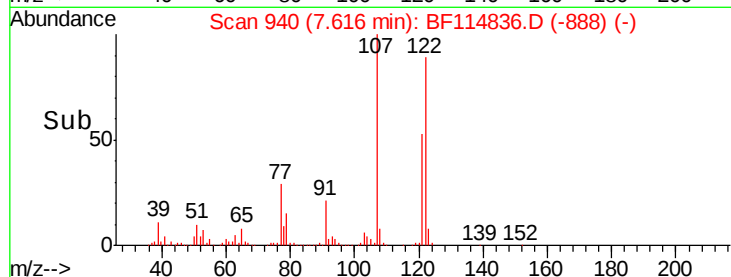
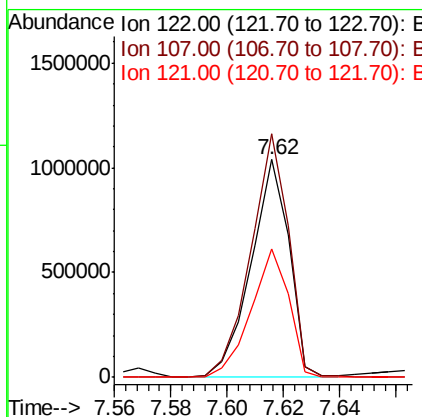
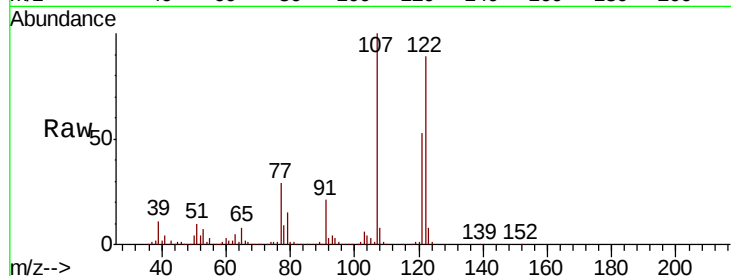
ClientSampleId :

S-8CMS

Tot Ion:	122	Resp:	973618
Ion Ratio	Lower	Upper	
122	100		
107	112.0	87.9	131.9
121	59.2	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 44.774 ng

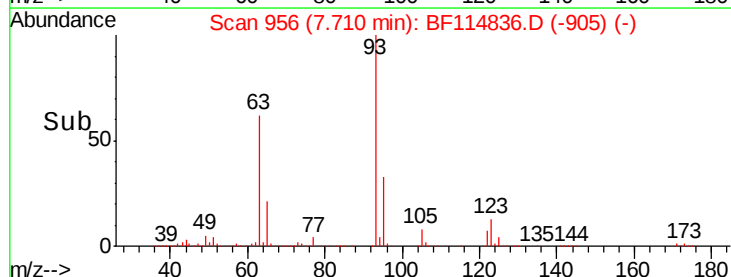
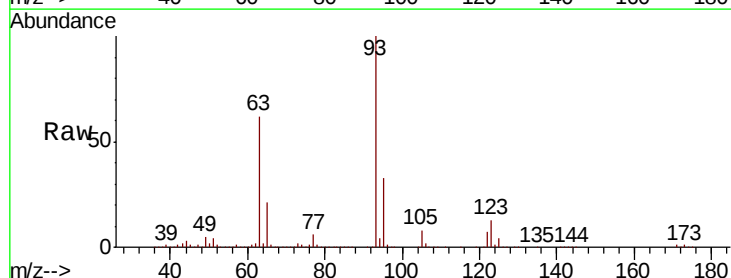
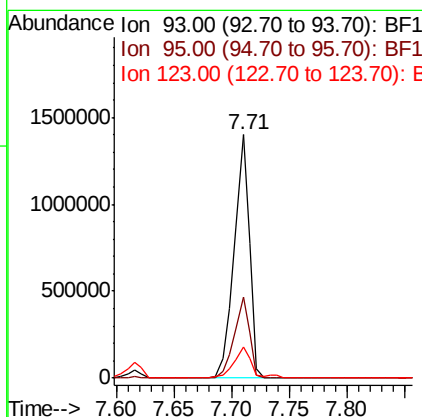
RT: 7.71 min Scan# 956

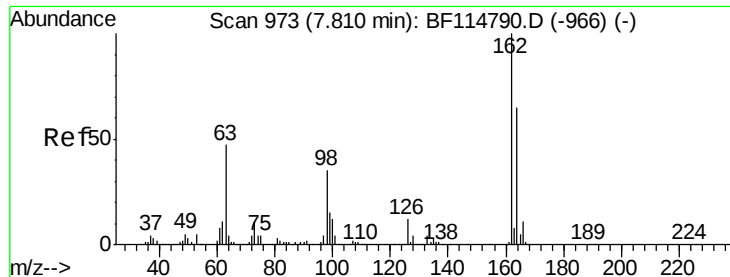
Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Tgt Ion:	93	Resp:	1285877
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.9	40.3
123	12.8	10.4	15.6





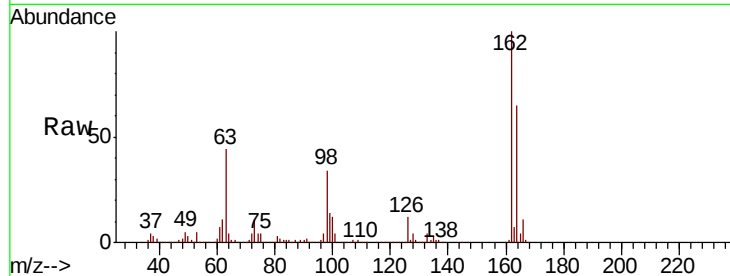
#29
2,4-Dichlorophenol
Concen: 46.081 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	939602		
164	65.2	45.1	85.1	
98	33.8	14.6	54.6	

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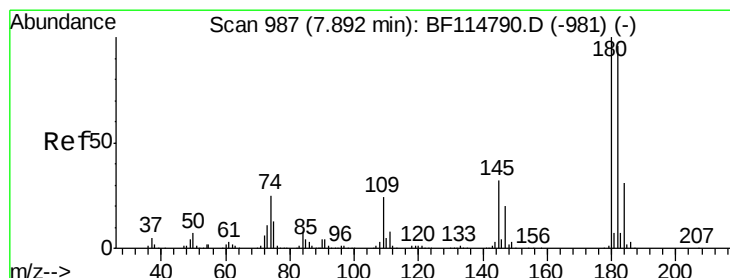
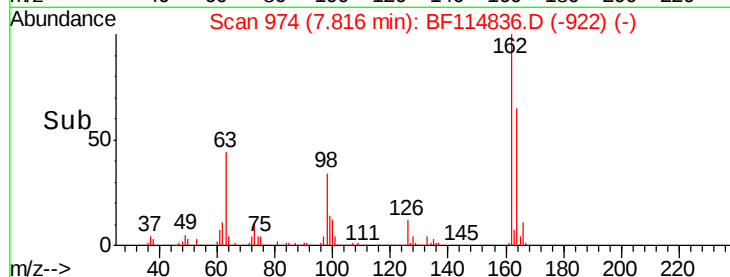
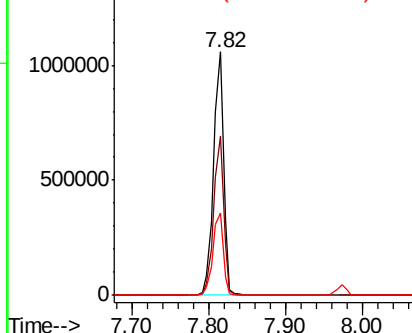


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.768 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

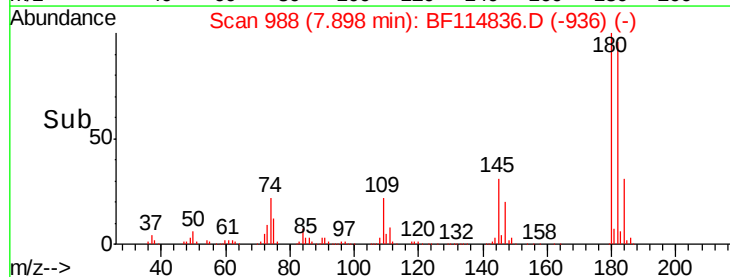
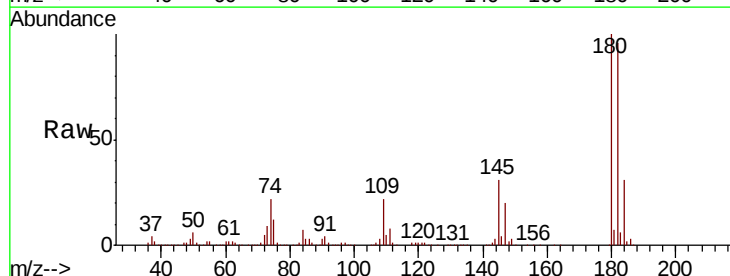
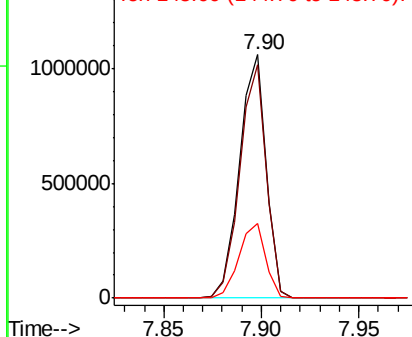
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1000592		
182	96.1	76.5	114.7	
145	30.6	25.8	38.8	

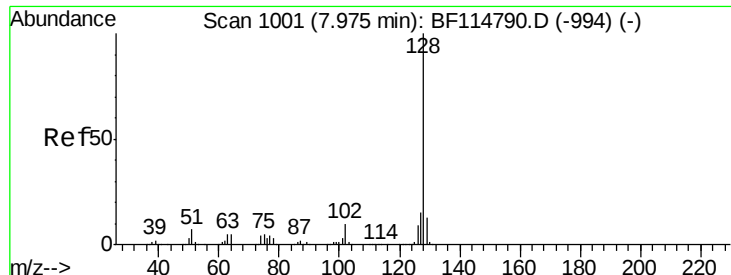
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





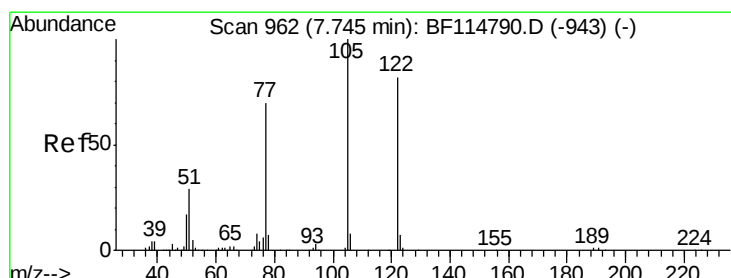
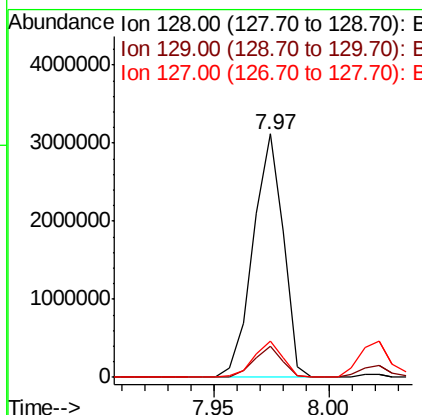
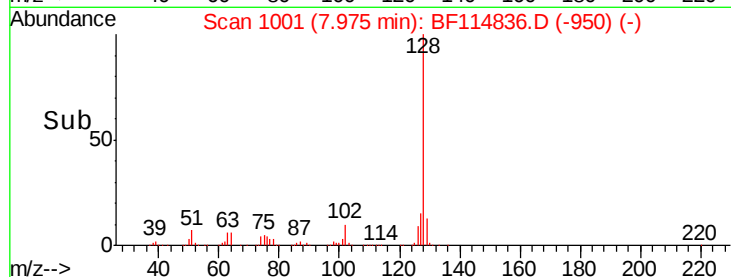
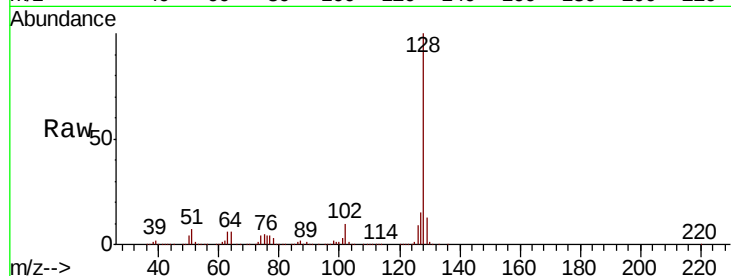
#31
Naphthalene
Concen: 45.278 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.8	10.0	15.0
127	14.9	12.2	18.2

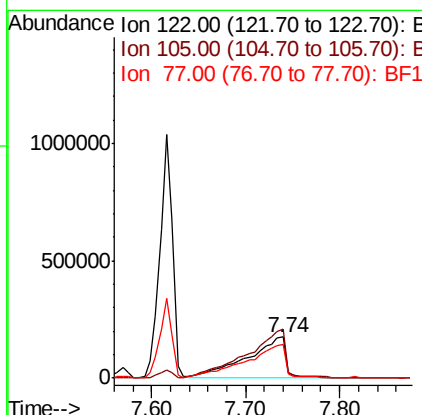
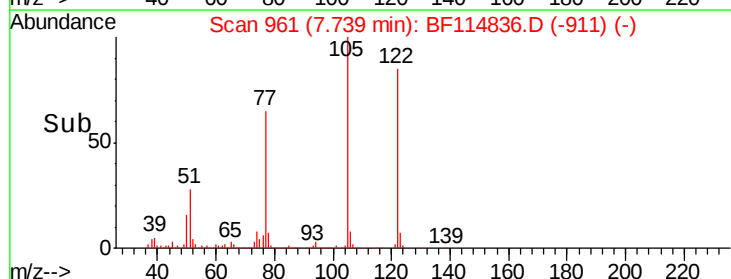
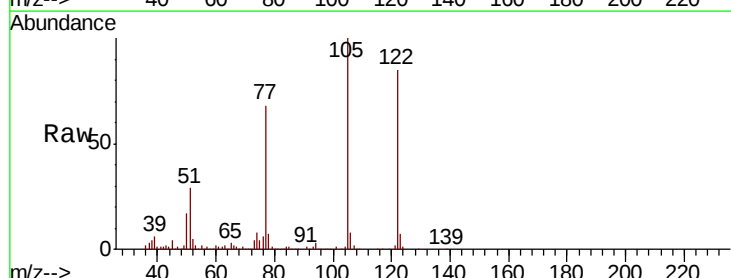
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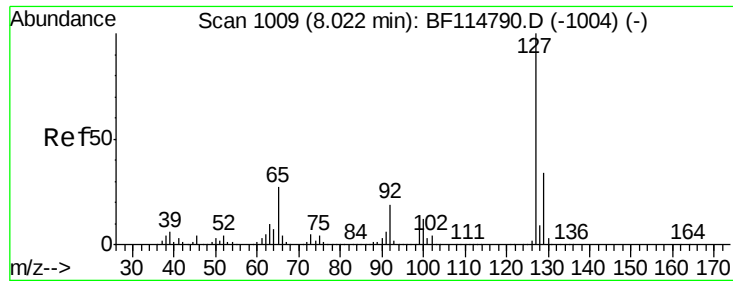
mohammad
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#32
Benzoic acid
Concen: 35.018 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.0	98.7	138.7
77	80.5	64.8	104.8





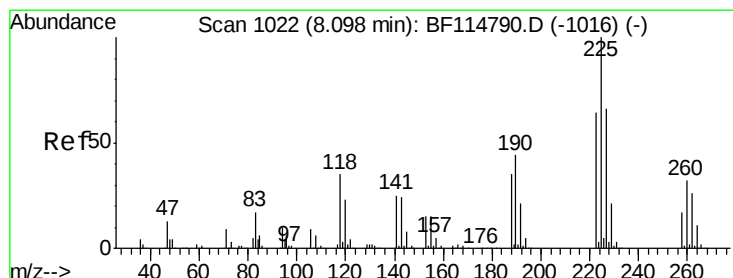
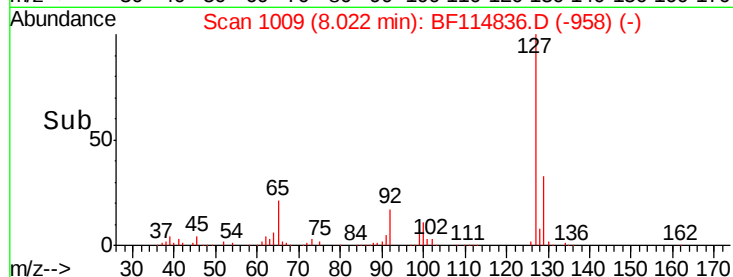
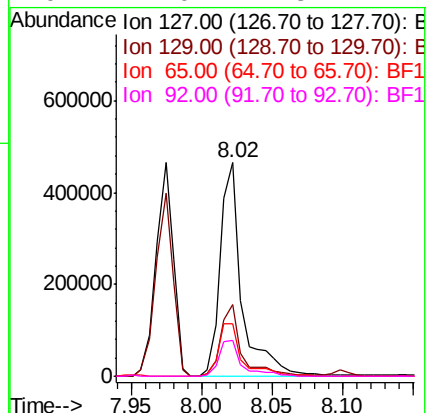
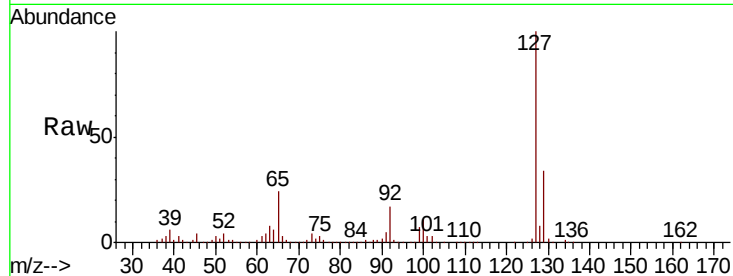
#33
4-Chloroaniline
Concen: 16.529 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		496624		
129	33.6	26.9	40.3		
65	24.3	21.7	32.5		
92	17.0	14.8	22.2		

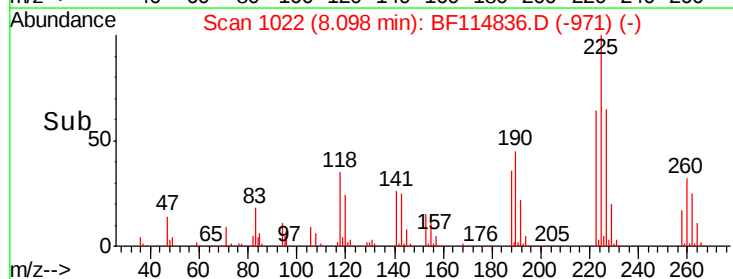
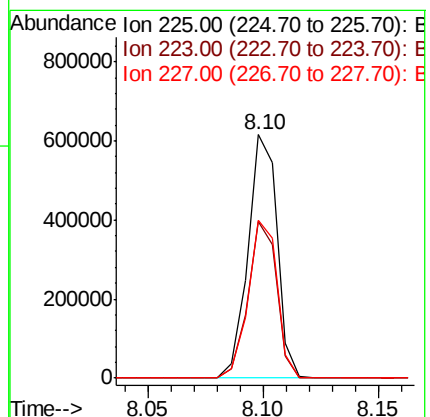
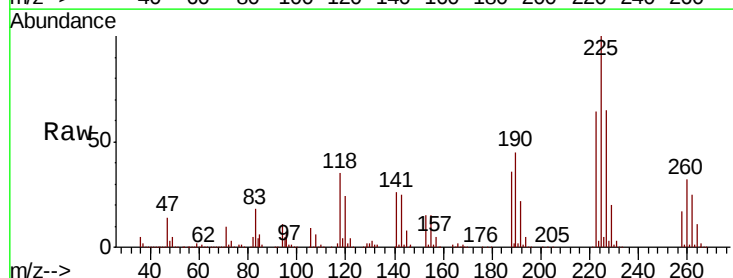
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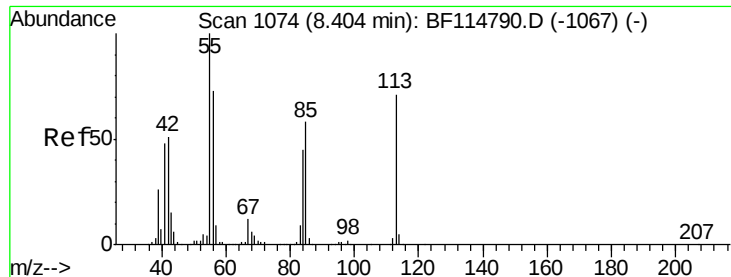
mohammad
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#34
Hexachlorobutadiene
Concen: 40.744 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		541950		
223	64.2	51.0	76.6		
227	64.9	52.6	78.8		





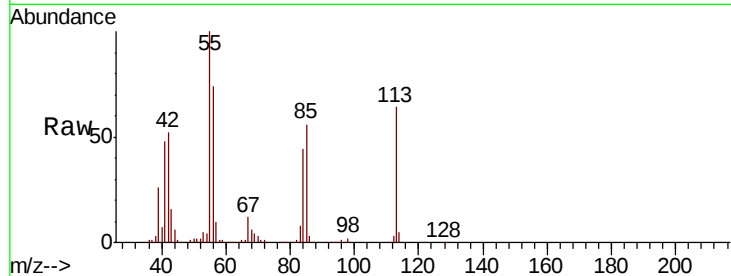
#35
 Caprolactam
 Concen: 46.667 ng/ml
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :
 S-8CMS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	155.8	121.1	161.1	
56	115.9	82.6	122.6	

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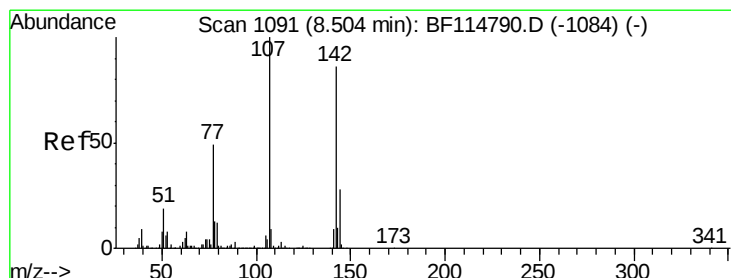
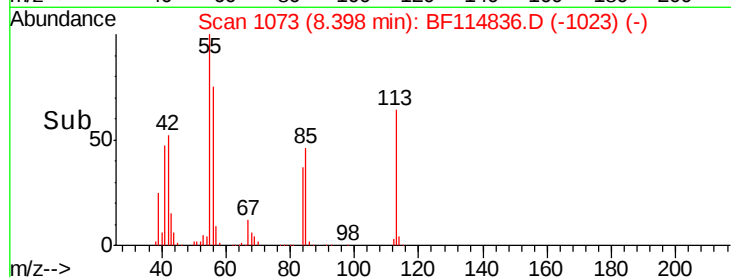
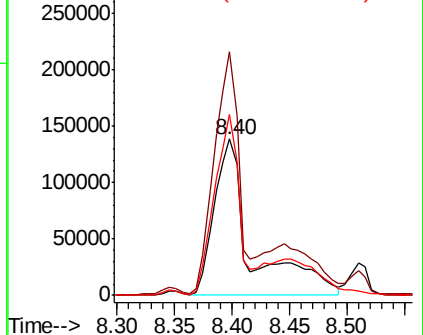


Abundance

Ion 113.00 (112.70 to 113.70): E

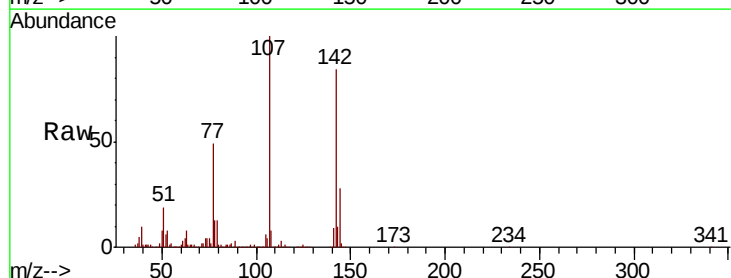
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 47.040 ng/ml
 RT: 8.51 min Scan# 1092
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.7	22.1	33.1	
142	83.9	68.4	102.6	

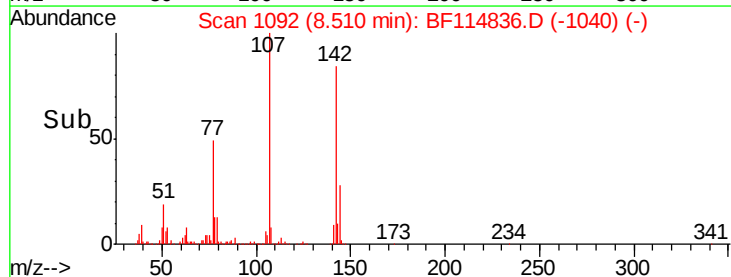
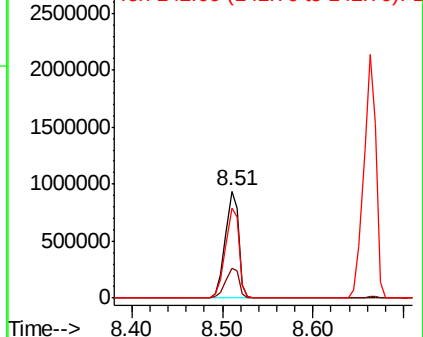


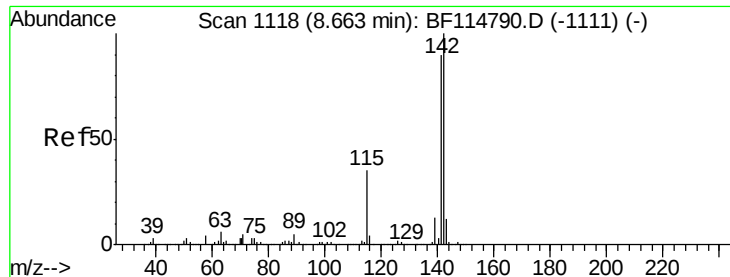
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





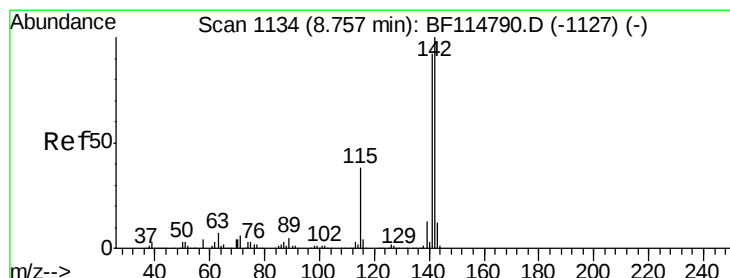
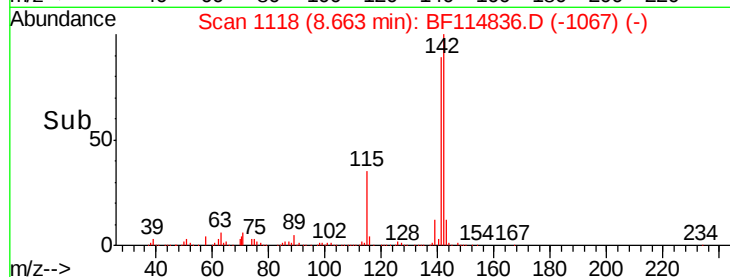
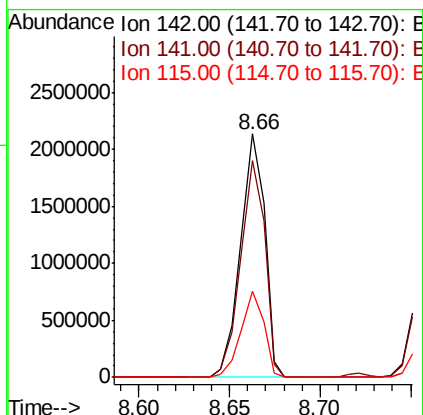
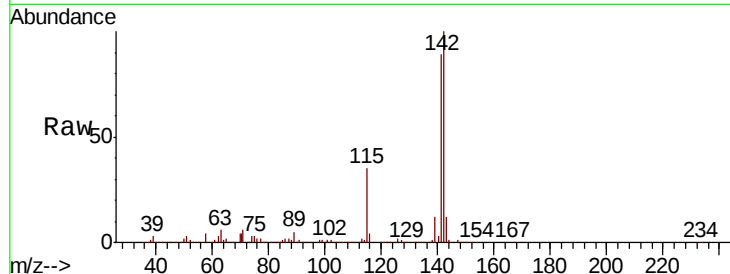
#37
2-Methylnaphthalene
Concen: 45.781 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4
115	35.4	28.2	42.4

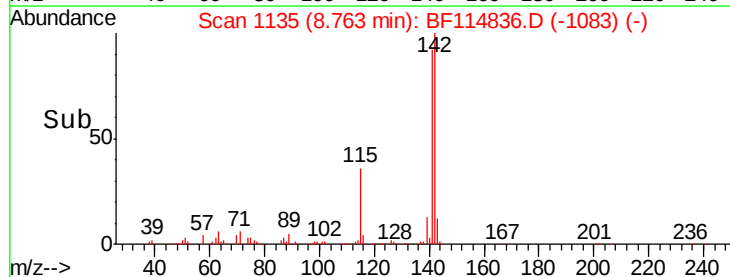
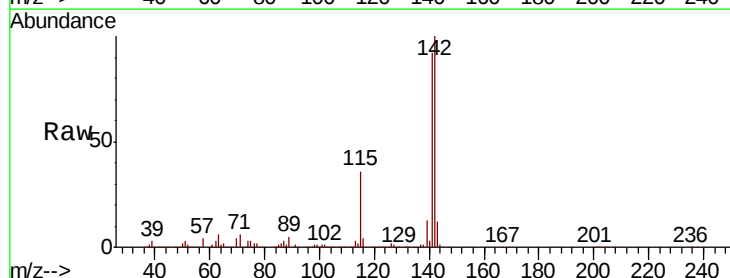
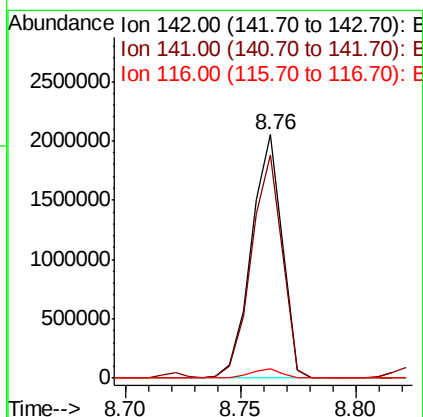
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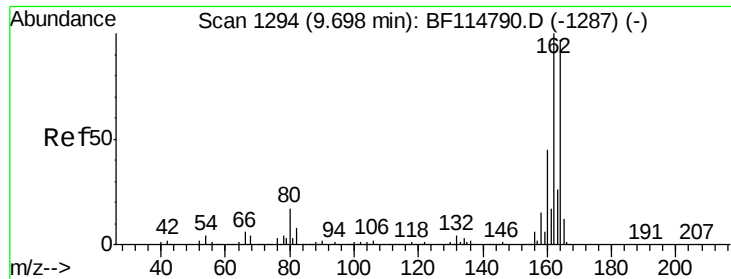
mohammad
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#38
1-Methylnaphthalene
Concen: 46.023 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.6
116	3.8	3.3	4.9





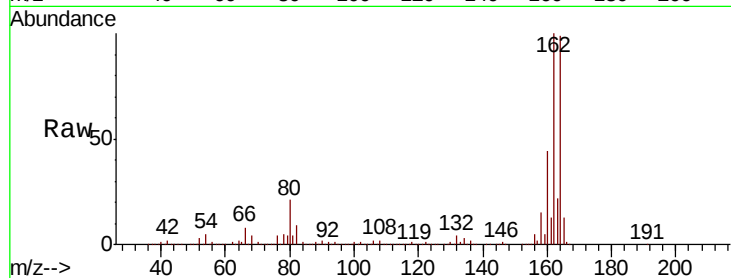
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampled :
S-8CMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.3	123.5
160	45.1	36.7	55.1

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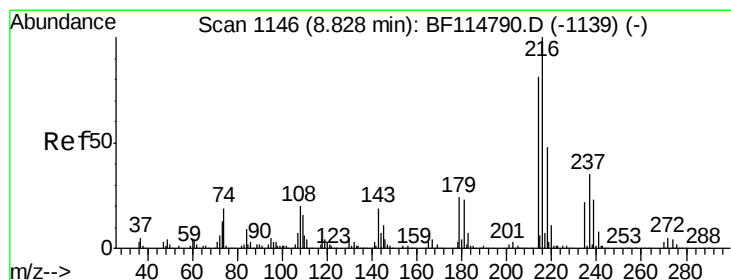
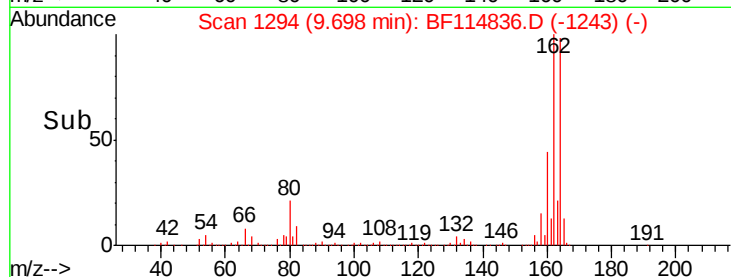
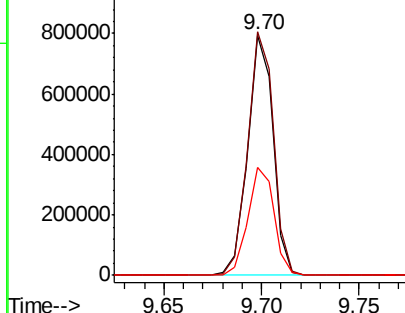


Abundance

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: 42.811 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.2
179	22.9	18.3	27.5
108	20.0	15.5	23.3

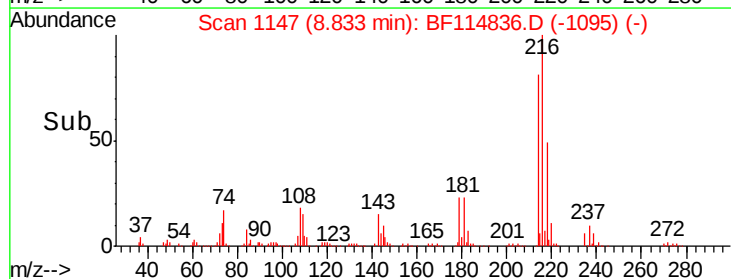
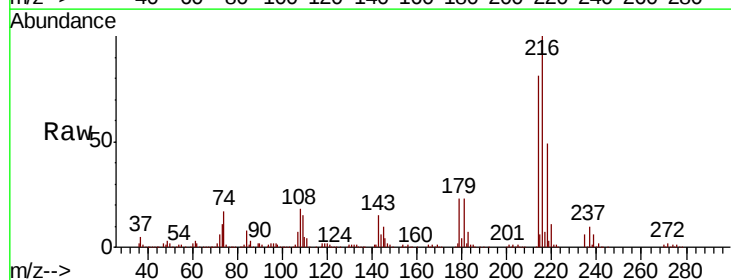
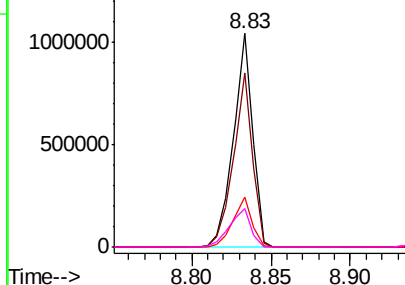
Abundance

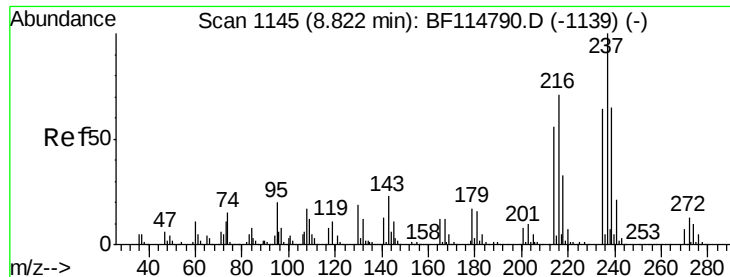
Ion 216.00 (215.70 to 216.70): E

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: 49.910 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

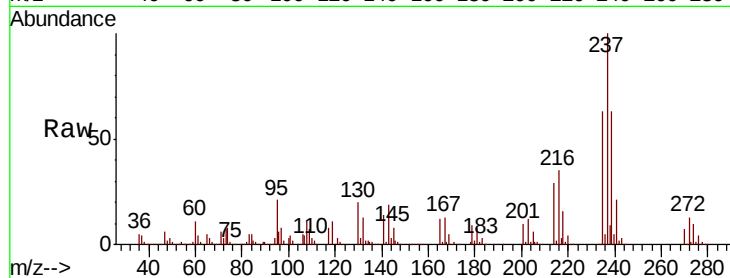
ClientSampleId :

S-8CMS

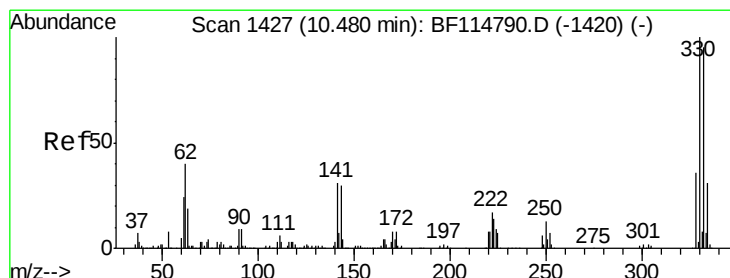
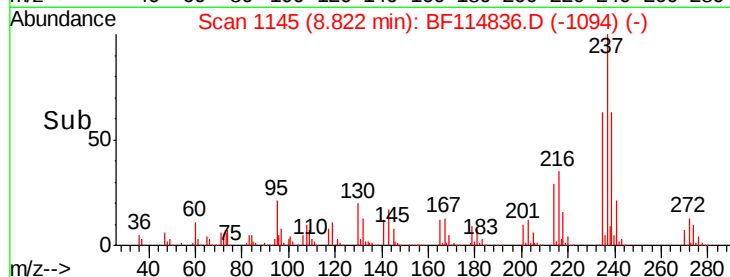
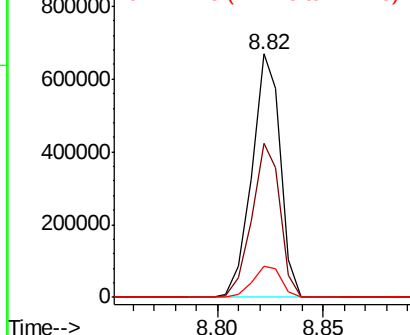
Tot Ion:	237	Resp:	623554
Ion Ratio	Lower	Upper	
237	100		
235	63.4	44.0	84.0
272	12.7	0.0	33.4

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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: 119.375 ng

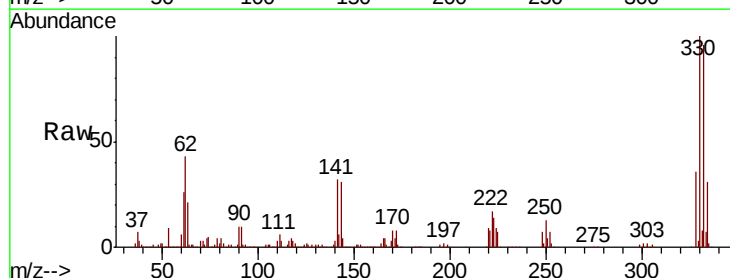
RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

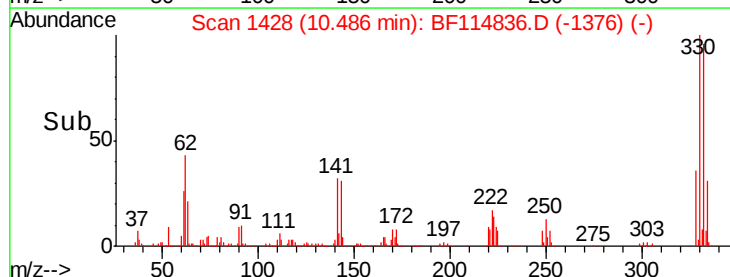
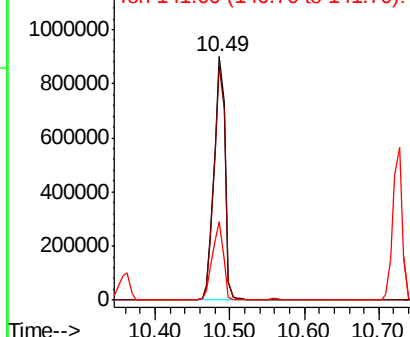
Lab File: BF114836.D

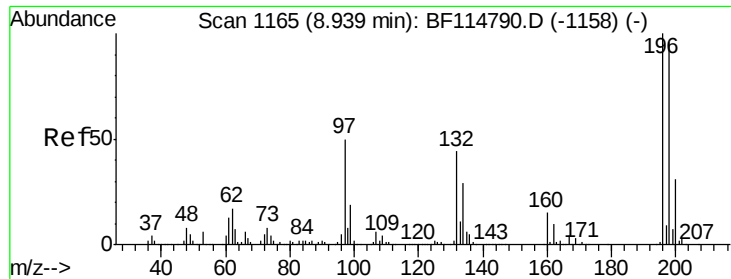
Acq: 5 Jun 2019 23:27

Tgt Ion:	330	Resp:	919564
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.3	115.9
141	32.3	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





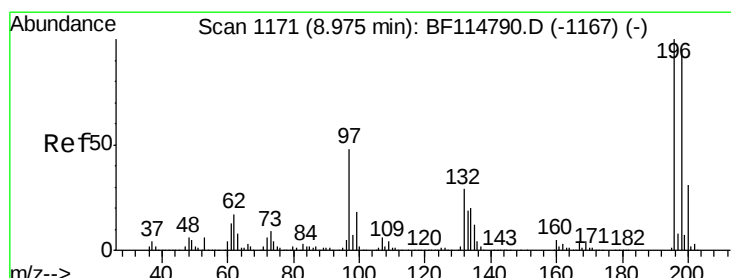
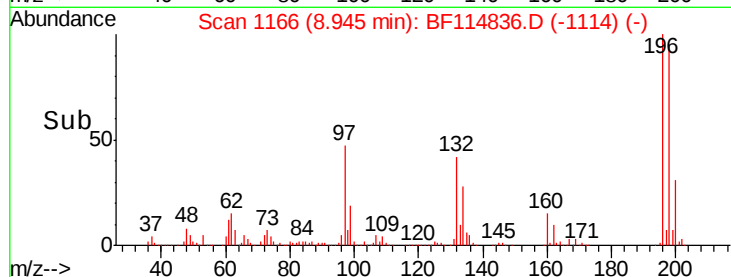
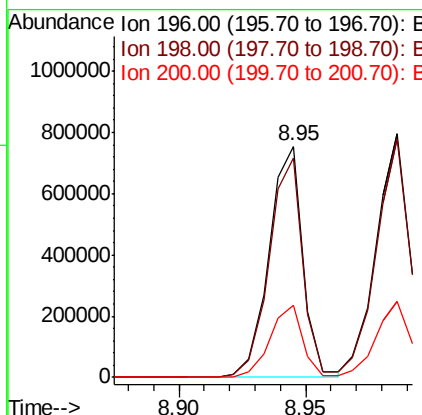
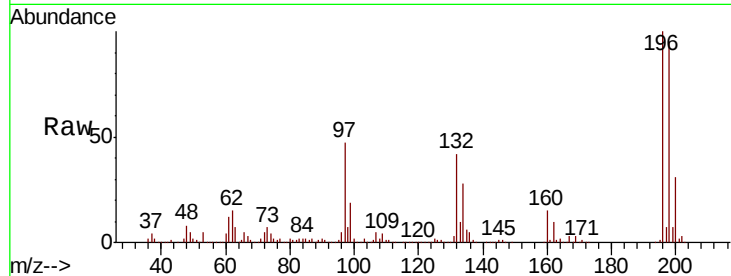
#43
 2,4,6-Trichlorophenol
 Concen: 44.086 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampled :
 S-8CMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	706167		
198	94.5	77.1	115.7	
200	31.1	24.6	36.8	

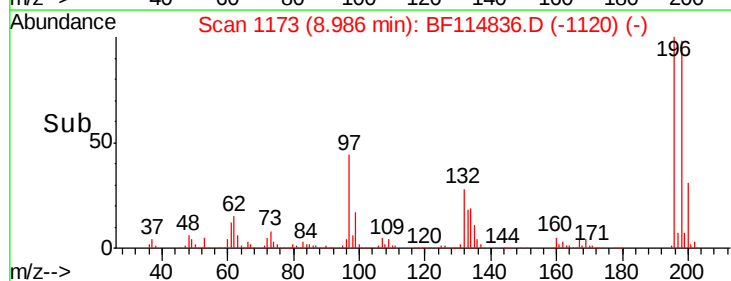
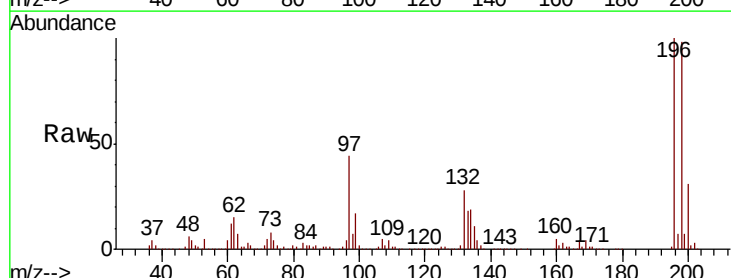
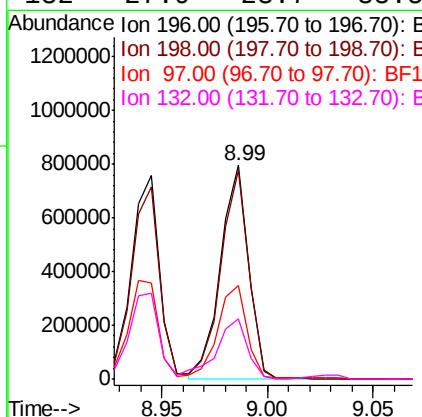
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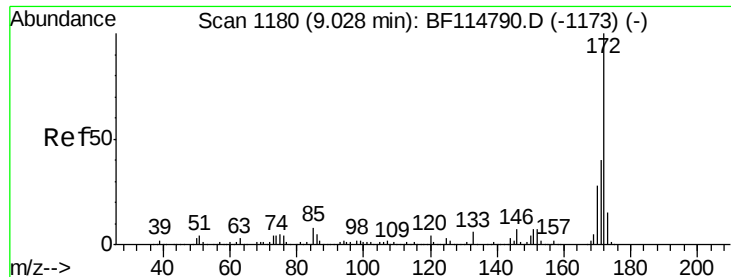
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.204 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	729218		
198	97.9	76.2	114.4	
97	44.0	38.2	57.4	
132	27.9	23.7	35.5	





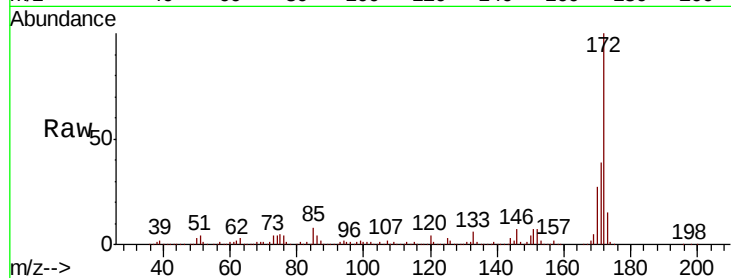
#45
2-Fluorobiphenyl
Concen: 84.691 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.3	48.5
170	26.8	22.4	33.6

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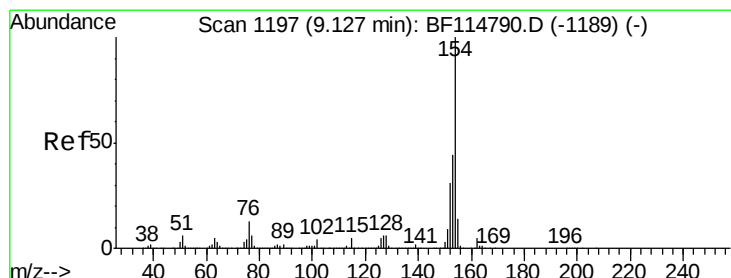
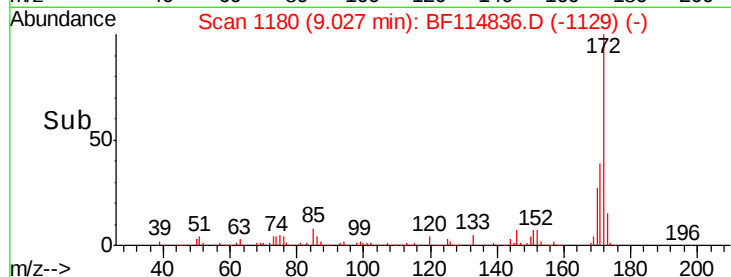
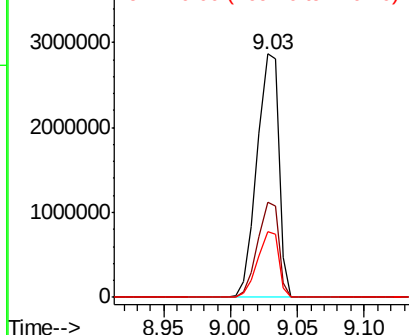


Abundance

Ion 172.00 (171.70 to 172.70): E

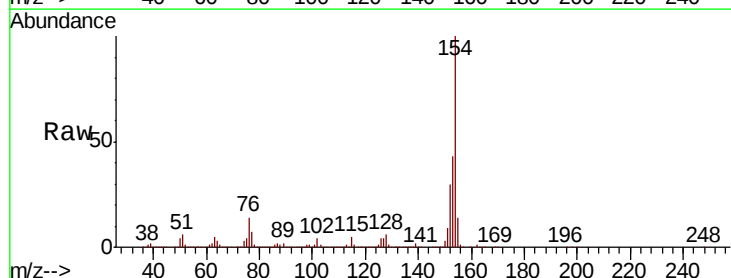
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.129 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.9	63.9
76	14.2	0.0	33.2

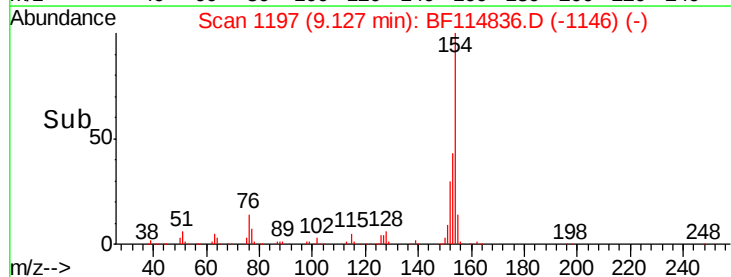
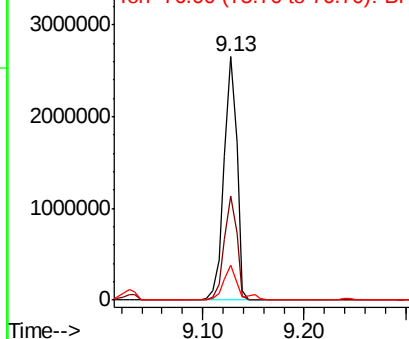


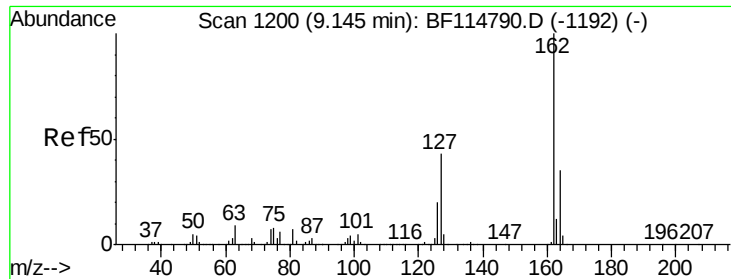
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





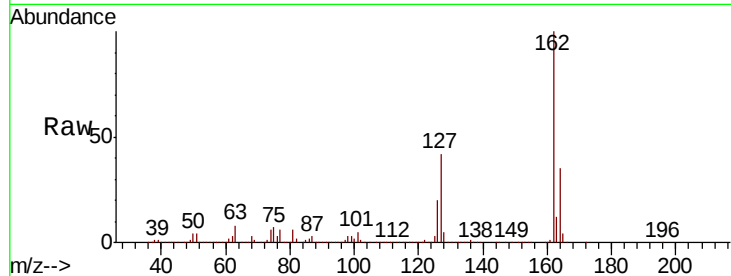
#47
 2-Chloronaphthalene
 Concen: 42.466 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :
 S-8CMS

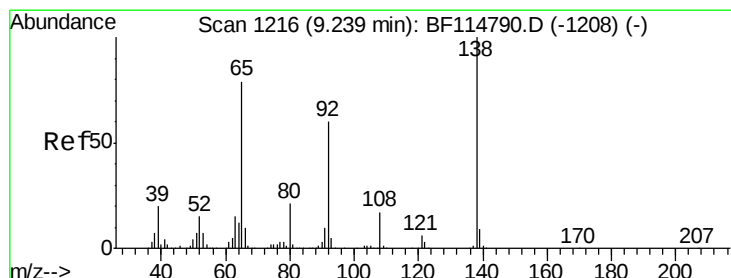
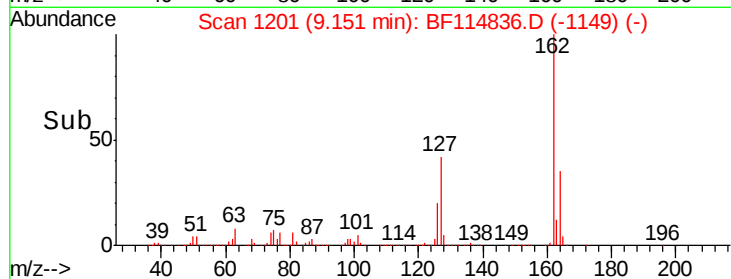
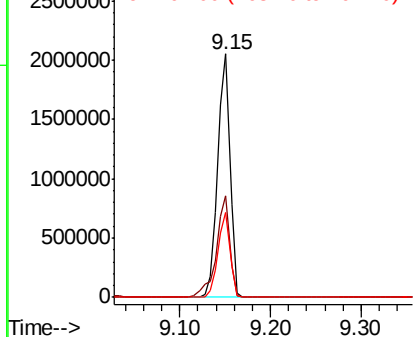
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	34.6	51.8
164	35.0	27.8	41.8

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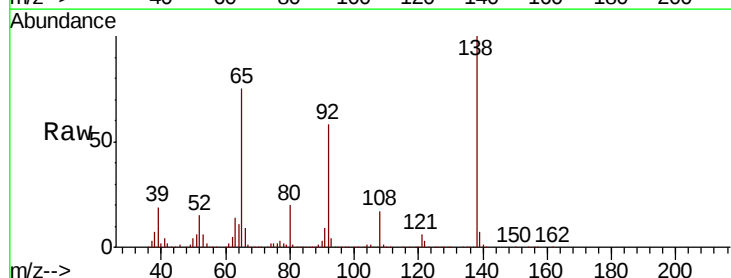


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

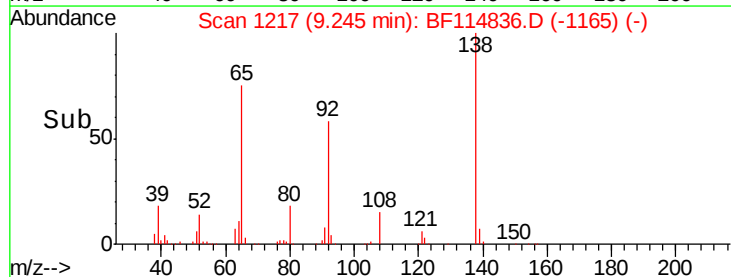
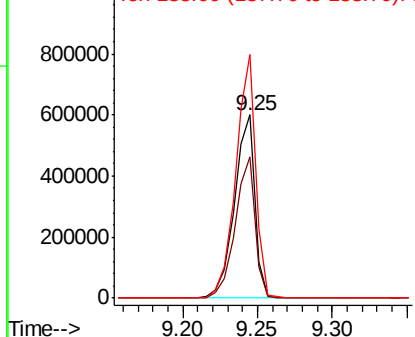


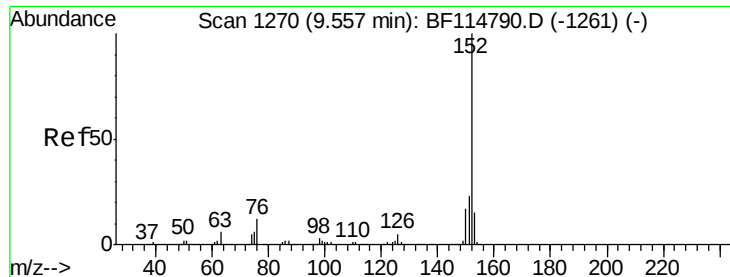
#48
 2-Nitroaniline
 Concen: 43.159 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.0	60.4	90.6
138	132.8	101.2	151.8



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





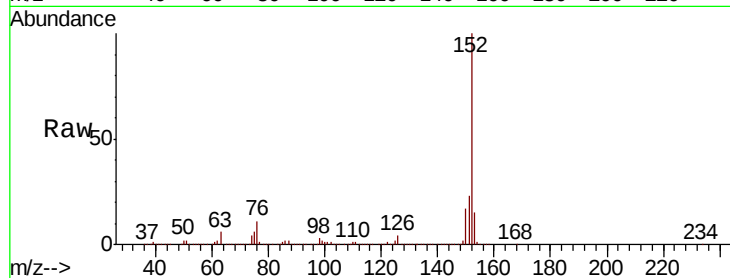
#49
Acenaphthylene
Concen: 44.601 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	22.8	18.3	27.5	
153	15.2	12.3	18.5	

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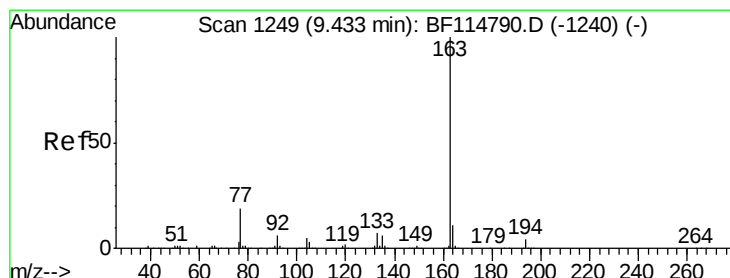
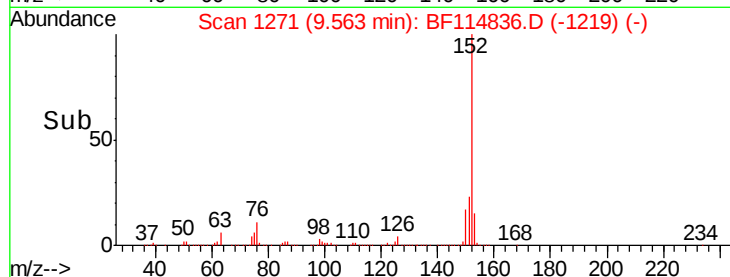
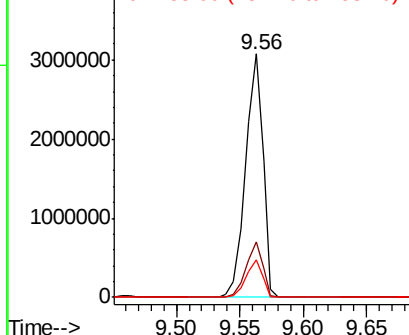


Abundance

Ion 152.00 (151.70 to 152.70): E

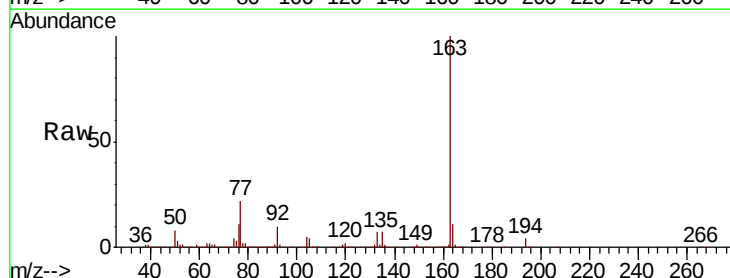
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 55.928 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.2	3.4	5.2	
164	11.4	8.6	13.0	

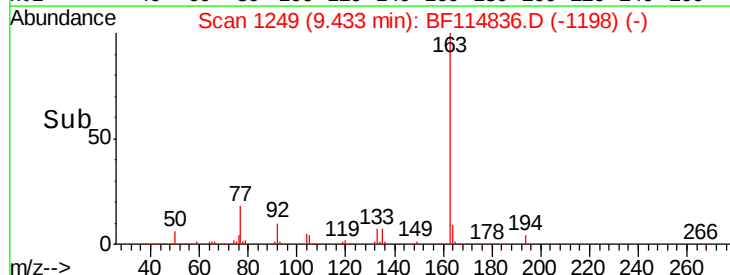
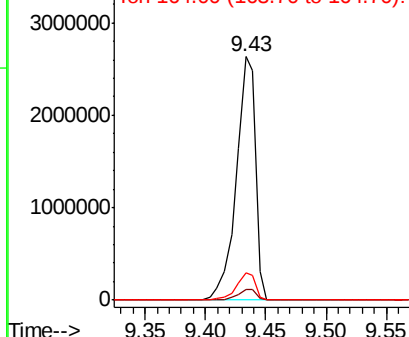


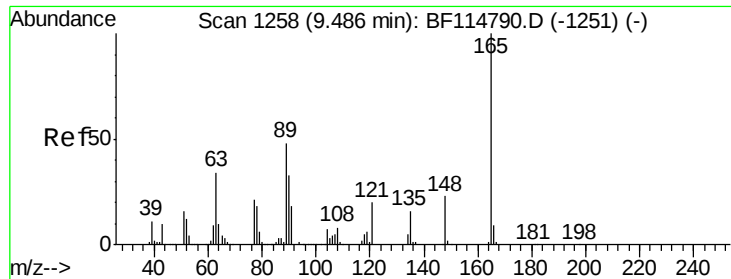
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





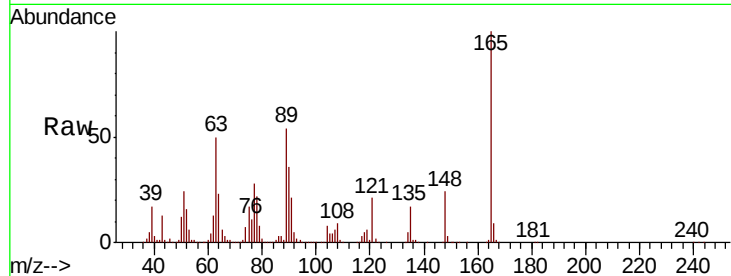
#51
 2,6-Dinitrotoluene
 Concen: 45.625 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :
 S-8CMS

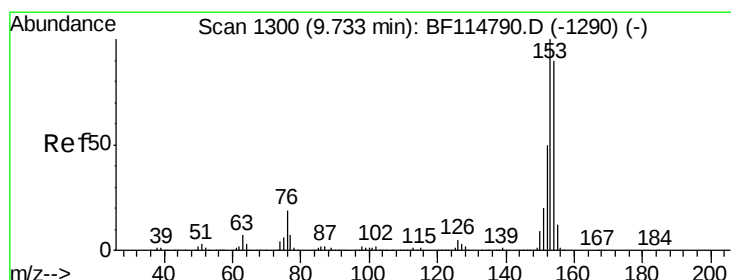
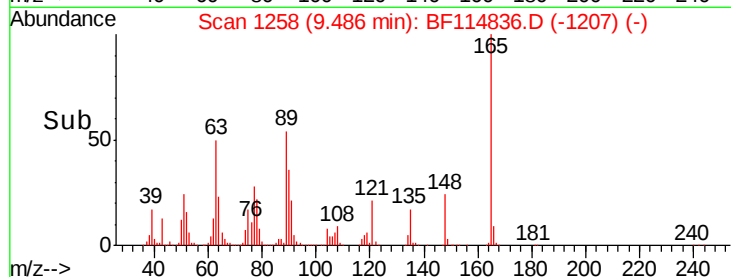
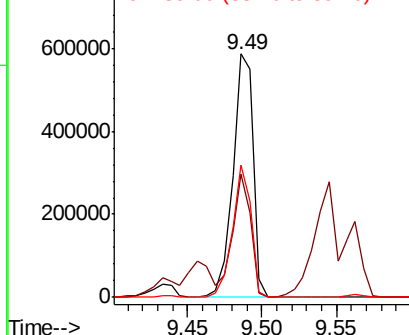
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.4	35.1	52.7
89	54.4	38.2	57.2

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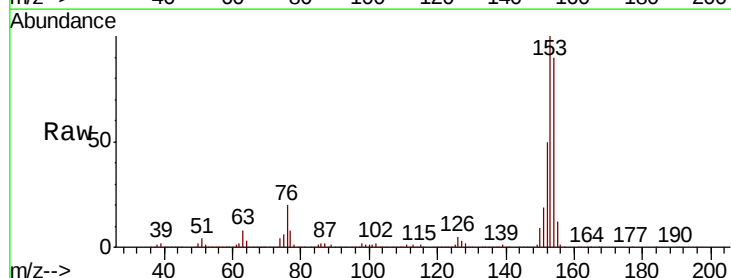


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

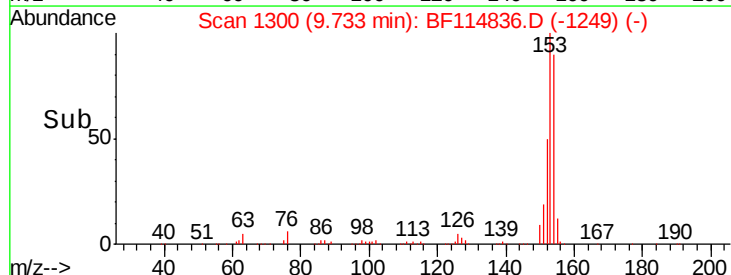
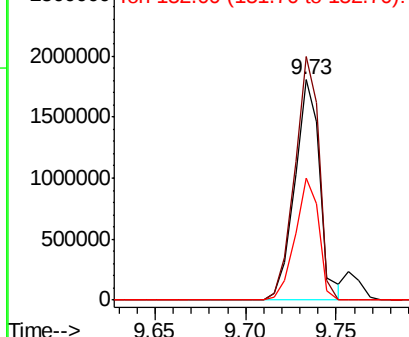


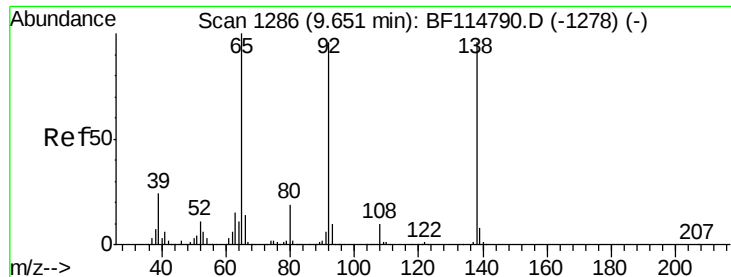
#52
 Acenaphthene
 Concen: 41.193 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.5	88.5	132.7
152	55.4	44.1	66.1



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





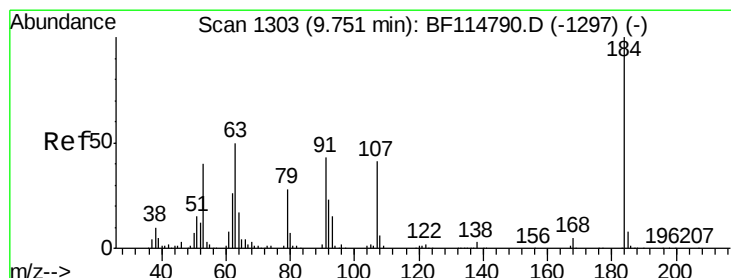
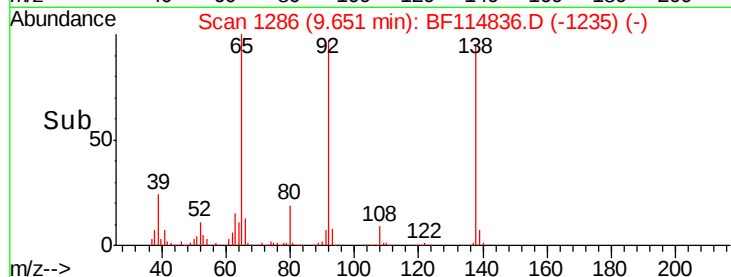
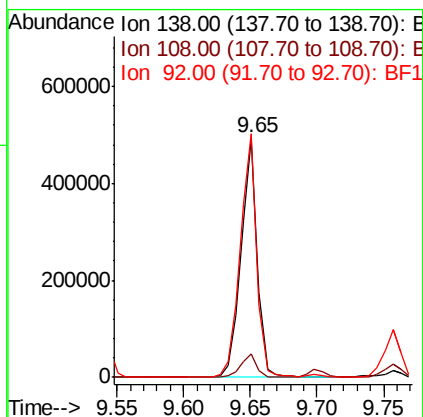
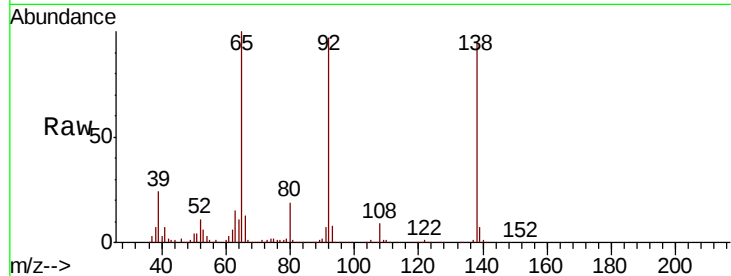
#53
3-Nitroaniline
Concen: 29.193 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	101.9	79.9	119.9

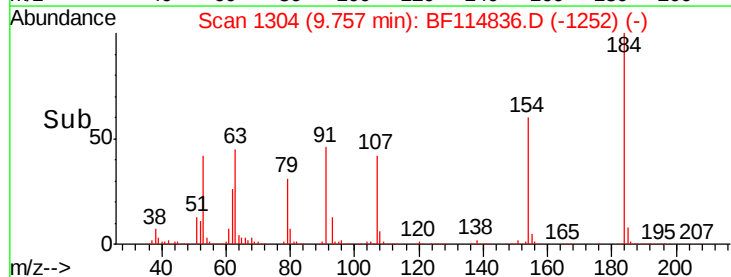
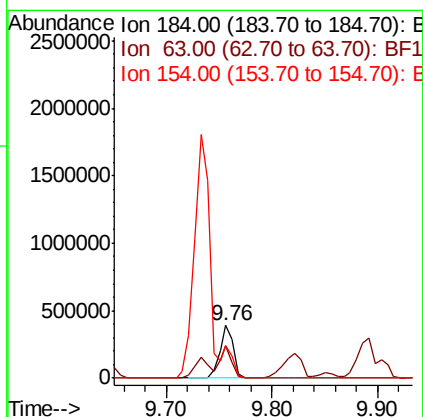
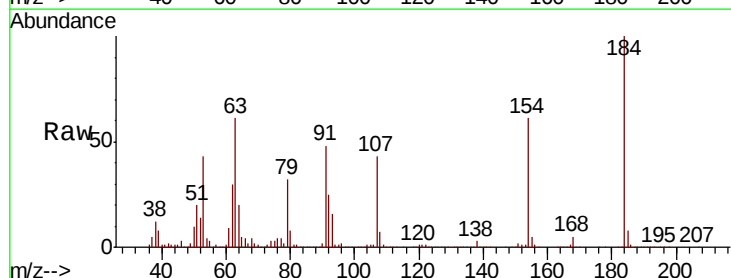
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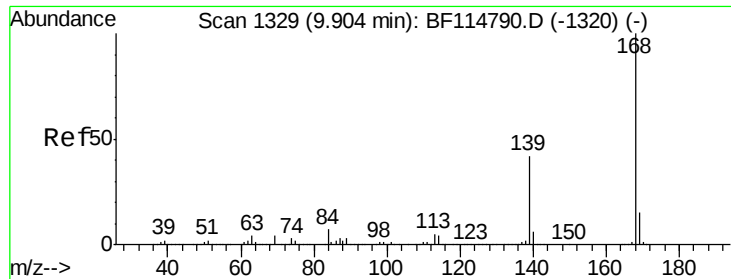
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#54
2,4-Dinitrophenol
Concen: 64.233 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.7	44.1	66.1
154	60.6	48.1	72.1





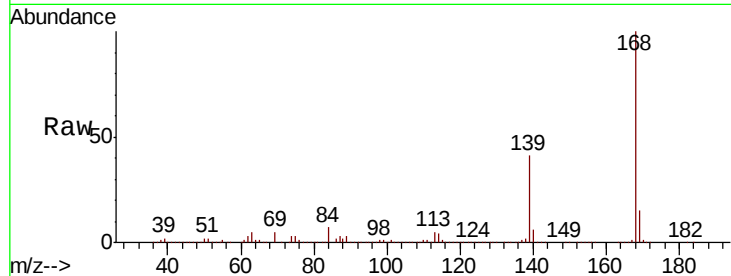
#55
Dibenzofuran
Concen: 43.053 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	33.8	50.6
169	15.0	11.9	17.9

Manual Integrations
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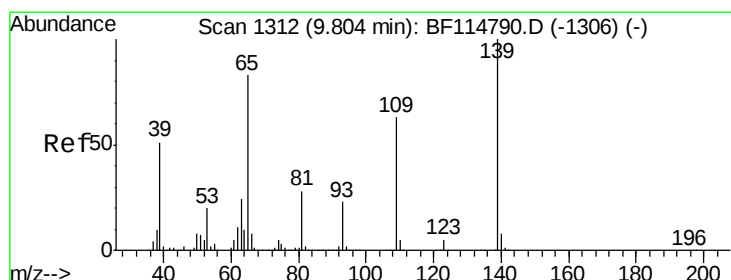
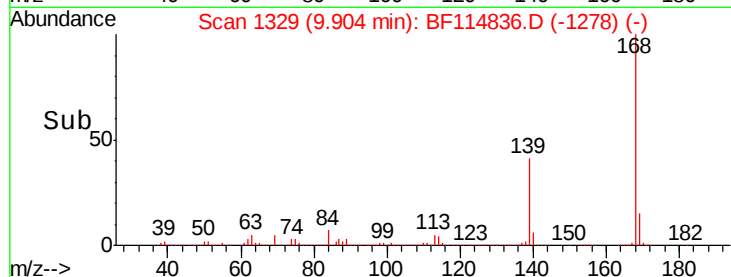
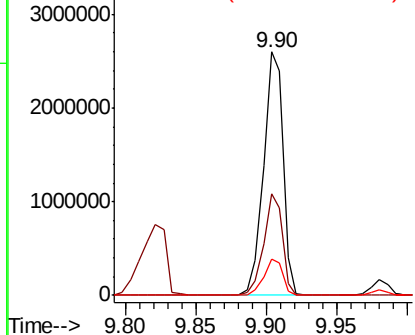


Abundance

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: 90.592 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

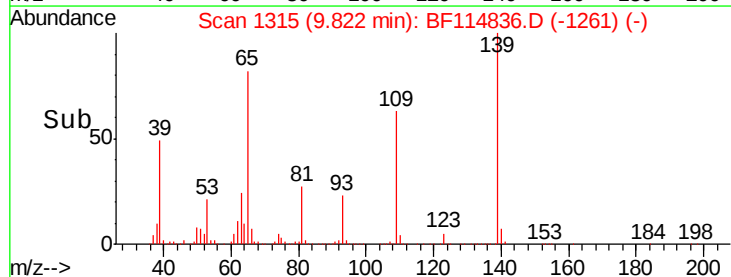
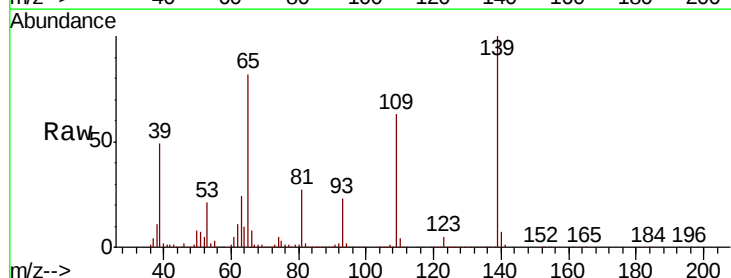
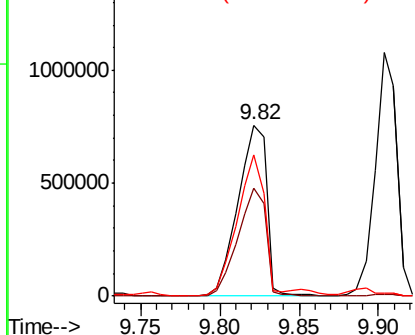
Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.1	43.5	83.5
65	82.2	63.2	103.2

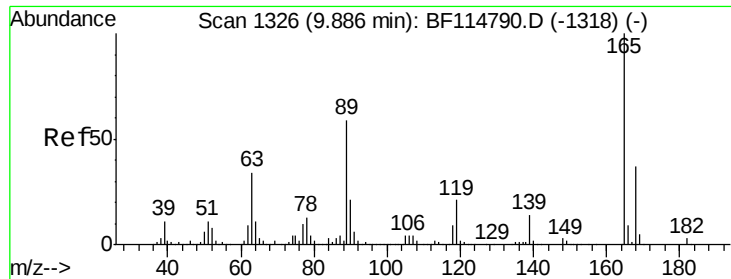
Abundance

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





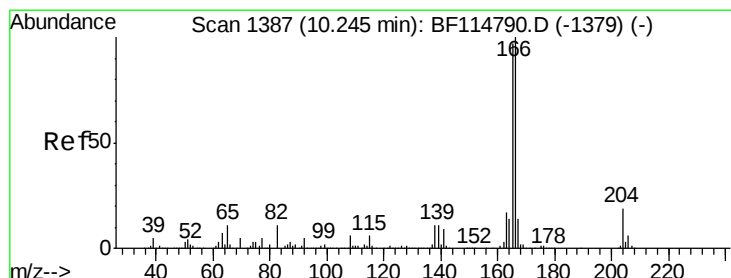
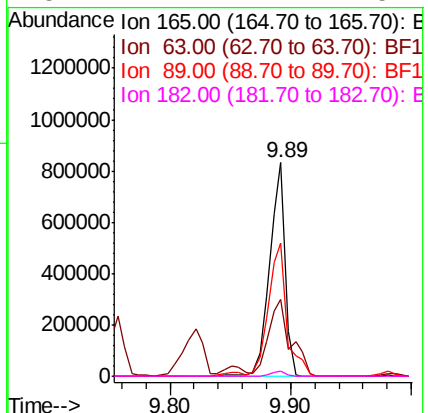
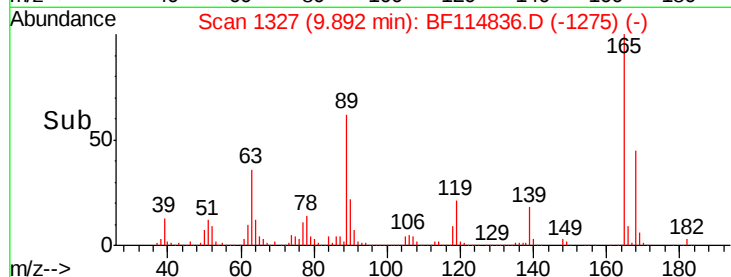
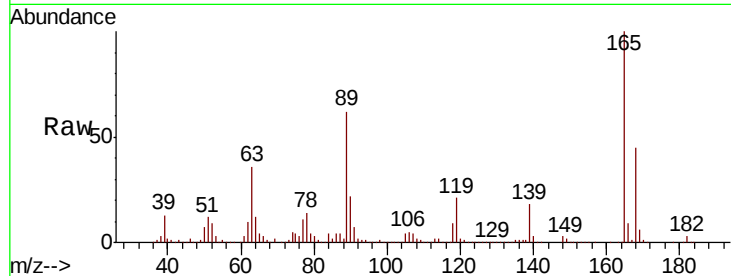
#57
2,4-Dinitrotoluene
Concen: 47.651 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		735485		
63	36.0	27.0	40.4		
89	62.4	47.0	70.6		
182	2.7	2.2	3.2		

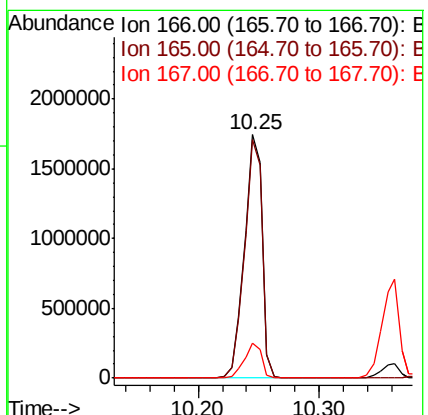
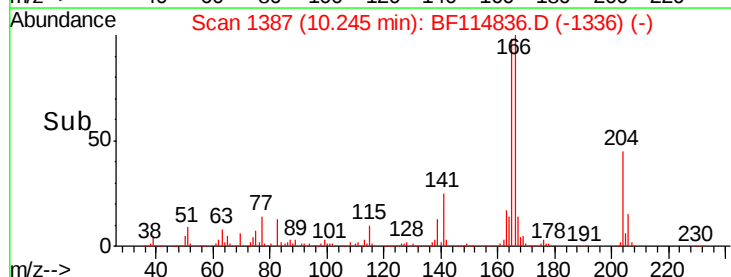
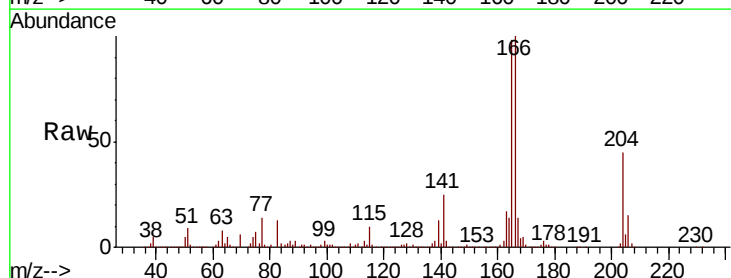
Manual Integrations
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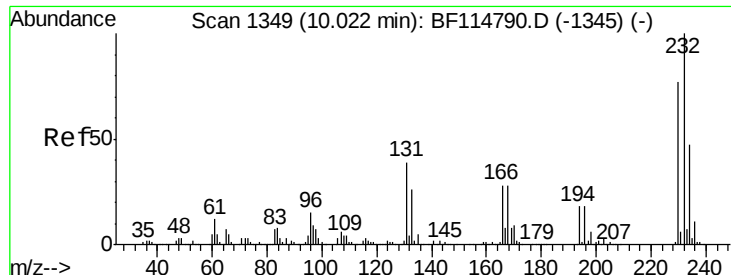
mohammad
6/6/2019 4:50:33 PM



#58
Fluorene
Concen: 47.375 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1787031		
165	98.0	77.9	116.9		
167	14.5	11.3	16.9		





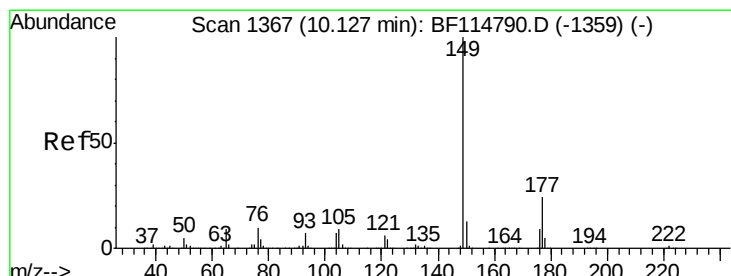
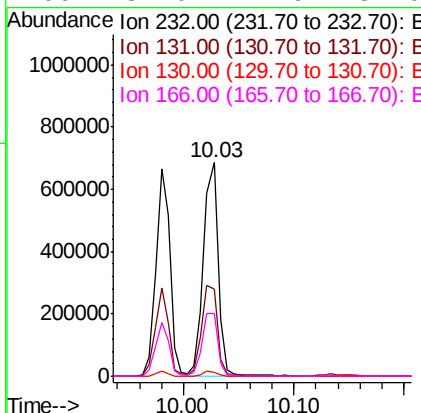
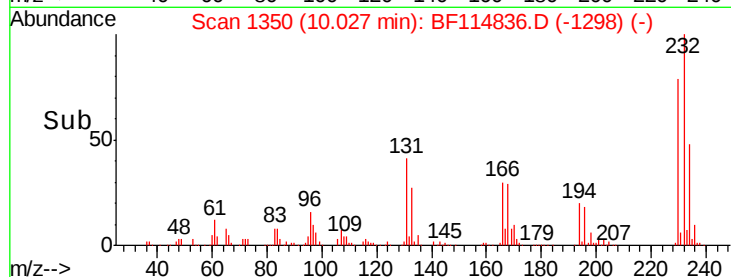
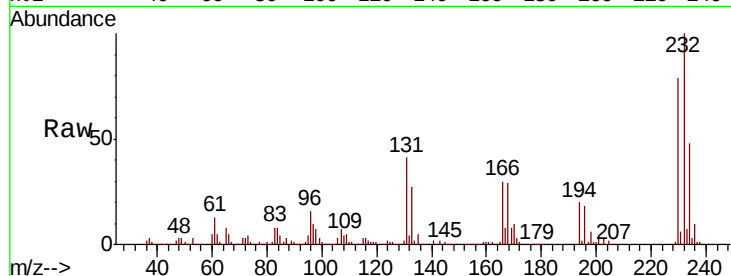
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.654 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :
 S-8CMS

Tot Ion:	232	Resp:	616594
Ion Ratio	Lower	Upper	
232	100		
131	44.8	36.8	55.2
130	2.2	1.8	2.6
166	31.0	24.6	37.0

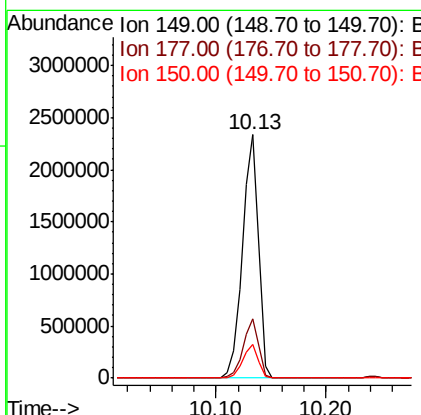
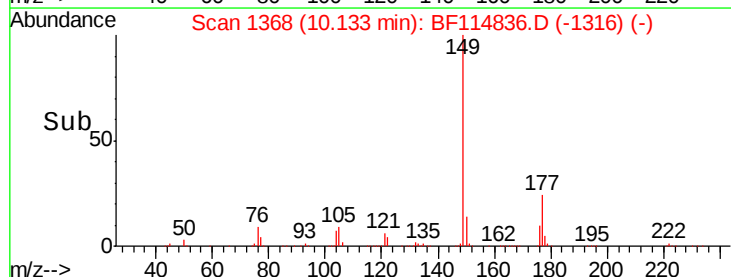
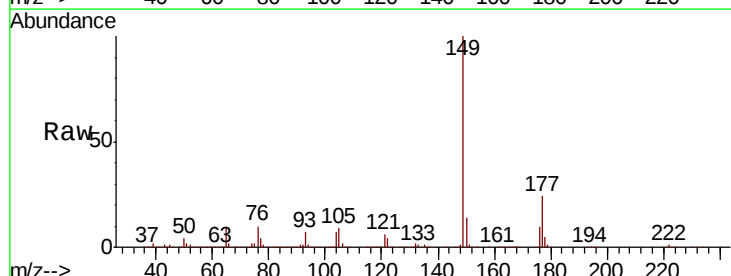
Manual Integrations
 APPROVED

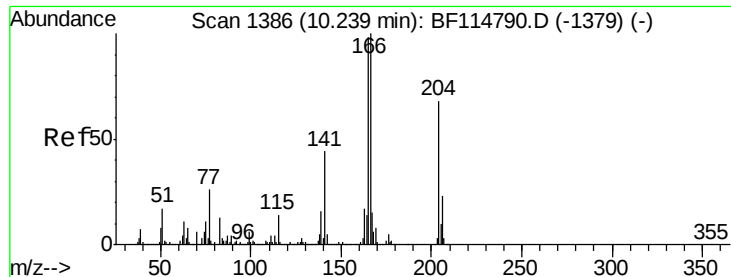
mohammad
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#60
 Diethylphthalate
 Concen: 45.350 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion:	149	Resp:	2375754
Ion Ratio	Lower	Upper	
149	100		
177	24.3	19.3	28.9
150	13.7	10.7	16.1





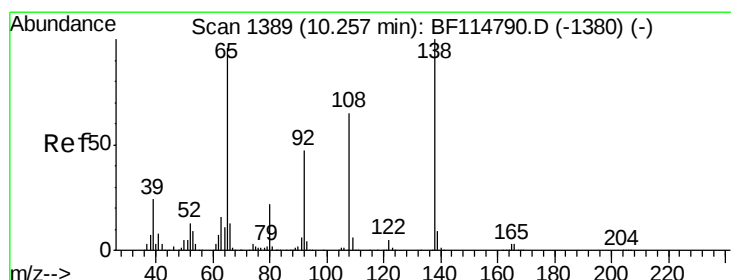
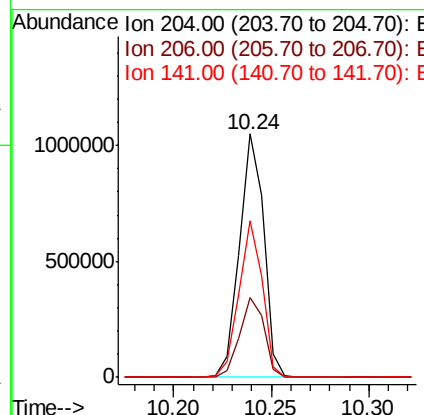
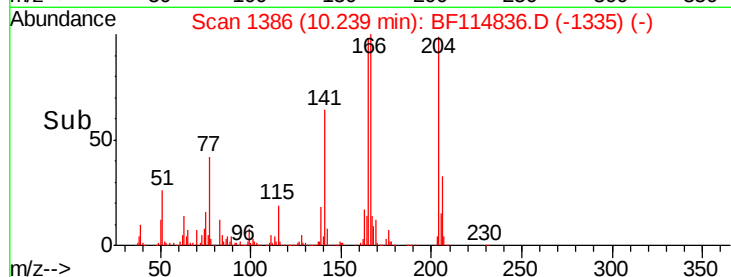
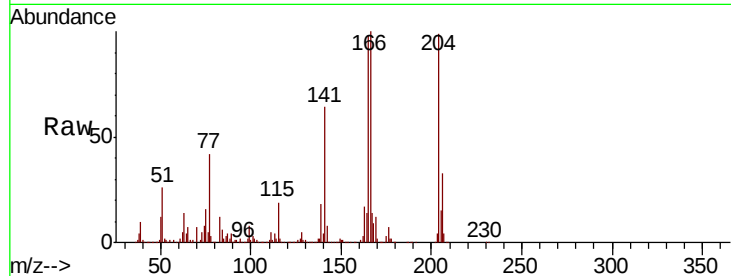
#61
4-Chlorophenyl-phenylether
Concen: 39.744 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.0	26.5	39.7	
141	64.4	51.0	76.4	

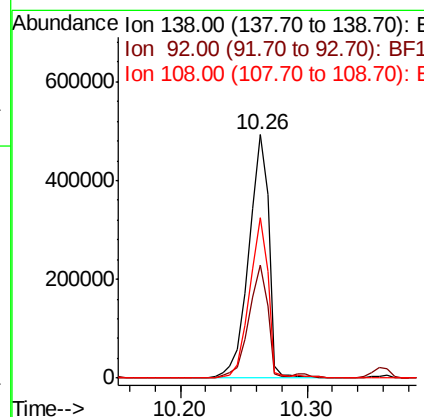
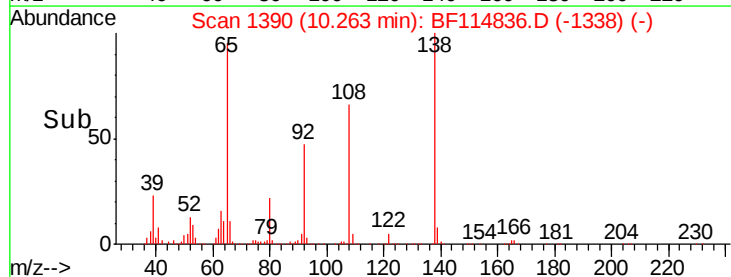
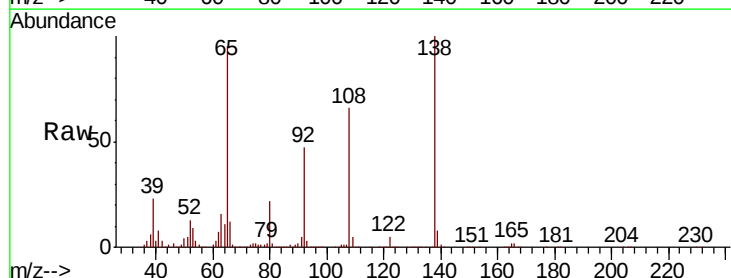
Manual Integrations
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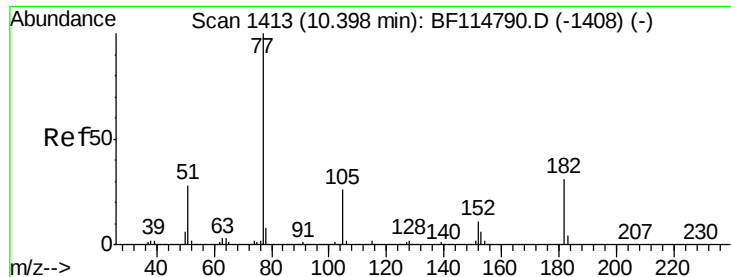
mohammad
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#62
4-Nitroaniline
Concen: 38.688 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	46.6	26.5	66.5	
108	65.7	45.4	85.4	





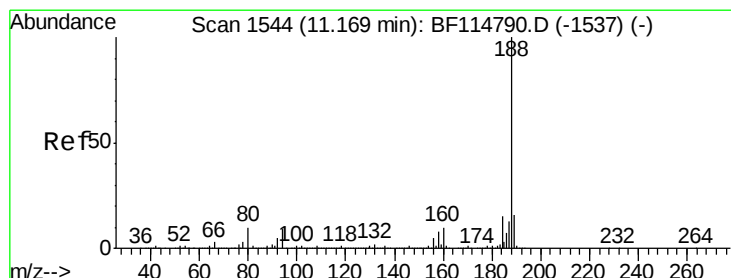
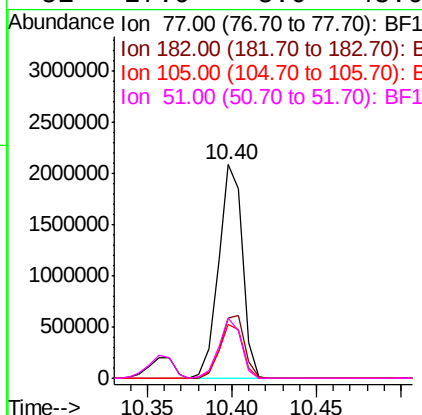
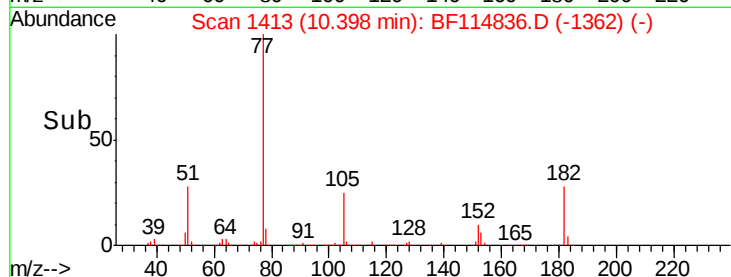
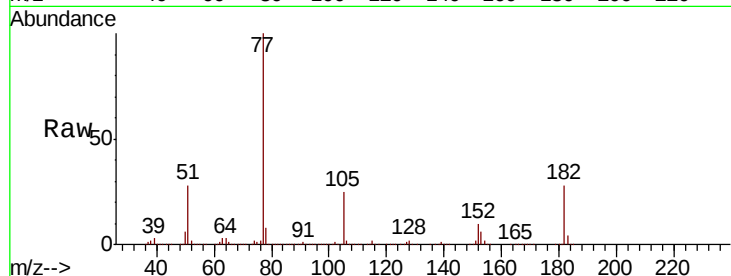
#63
Azobenzene
Concen: 45.828 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion: 77 Resp: 2043582
Ion Ratio Lower Upper
77 100
182 28.3 11.2 51.2
105 24.9 5.7 45.7
51 27.9 8.0 48.0

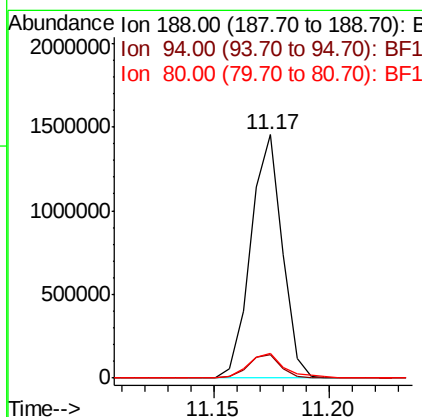
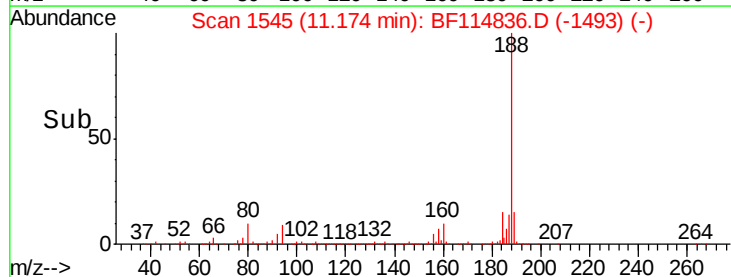
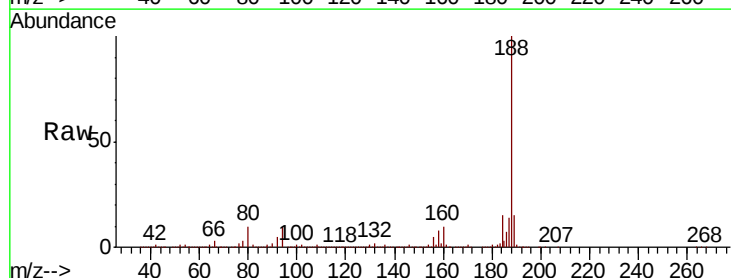
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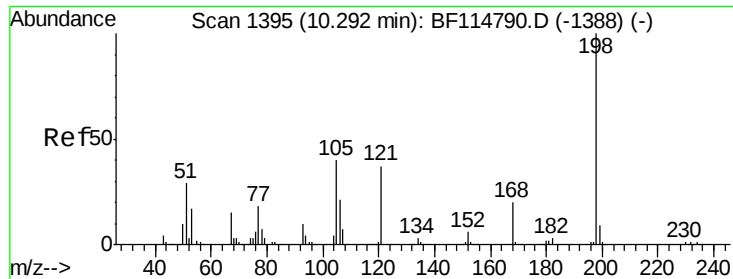
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion: 188 Resp: 1386289
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 10.0 8.3 12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 36.085 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

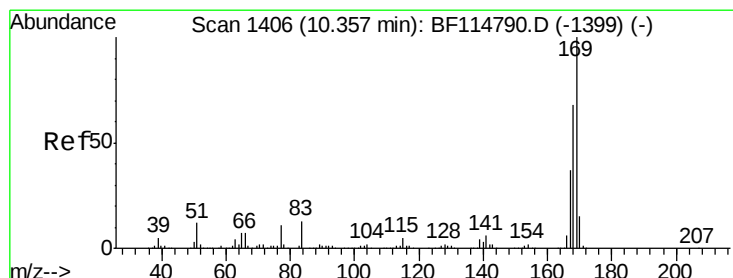
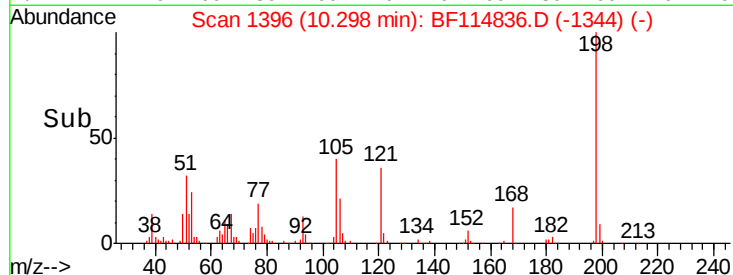
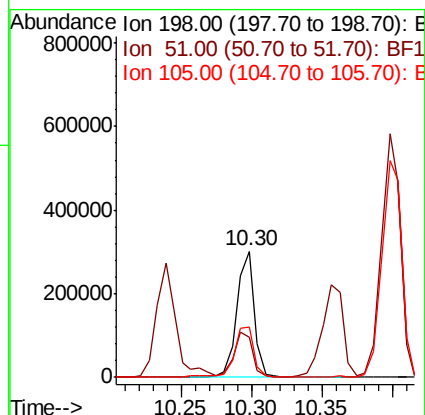
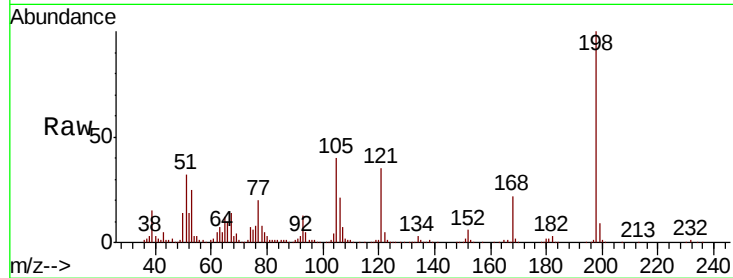
ClientSampled :

S-8CMS

Tot Ion:	198	Resp:	259852
Ion Ratio	Lower	Upper	
198	100		
51	32.2	14.9	54.9
105	40.0	21.0	61.0

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#66

n-Nitrosodiphenylamine

Concen: 44.842 ng

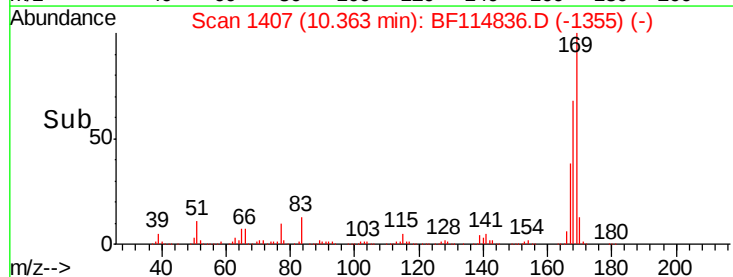
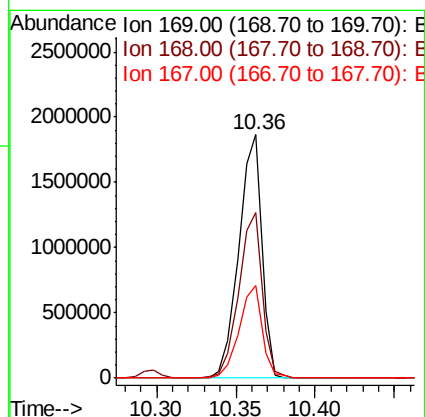
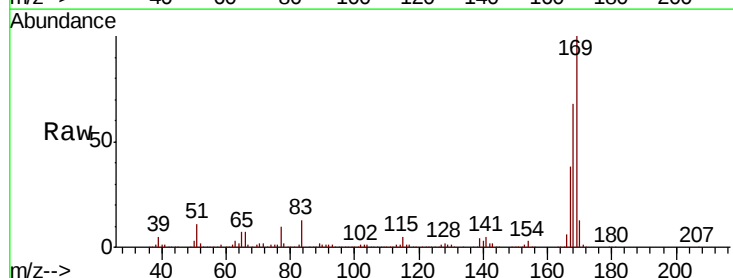
RT: 10.36 min Scan# 1407

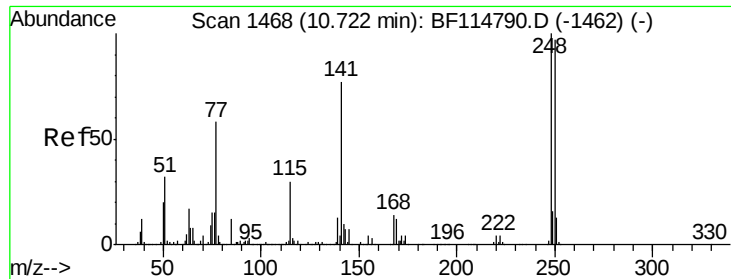
Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Tgt Ion:	169	Resp:	1879715
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.3	81.5
167	37.8	29.9	44.9





#67

4-Bromophenyl-phenylether

Concen: 41.476 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

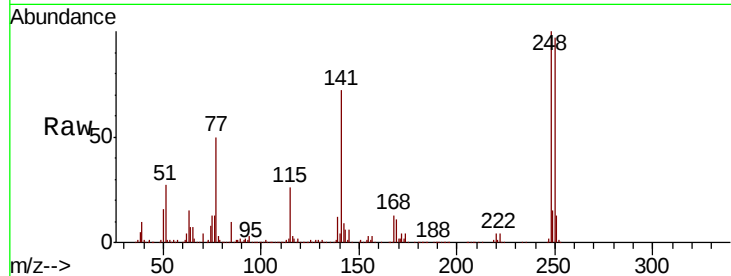
ClientSampled :

S-8CMS

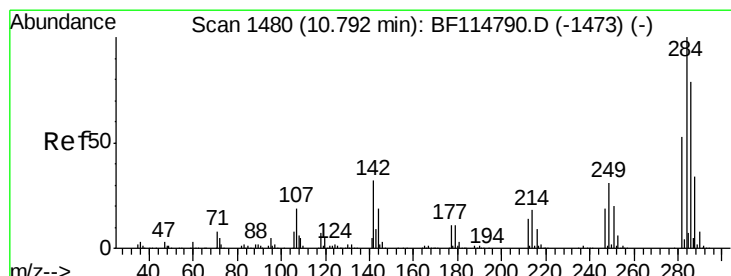
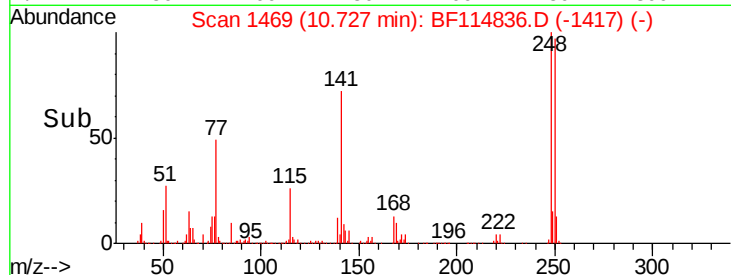
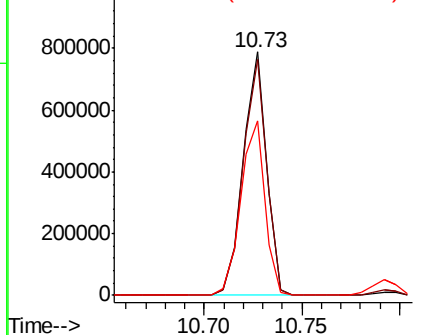
Tot Ion:	248	Resp:	653033
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.5	116.3
141	71.6	61.8	92.8

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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: 40.209 ng

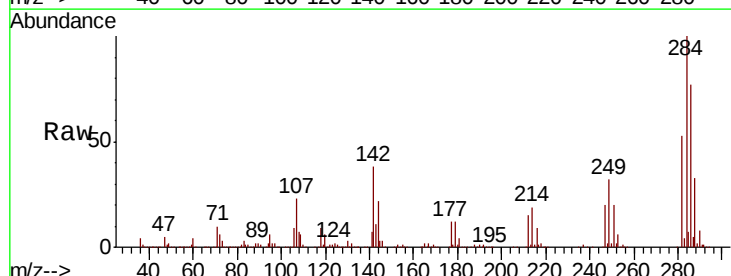
RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

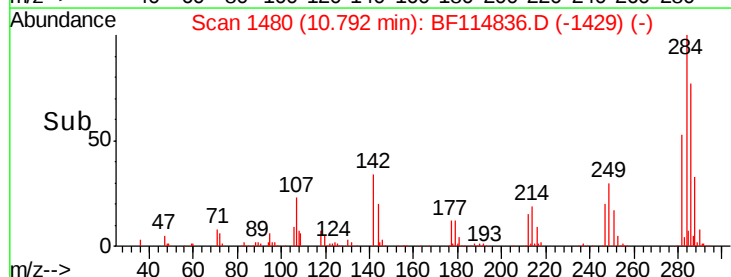
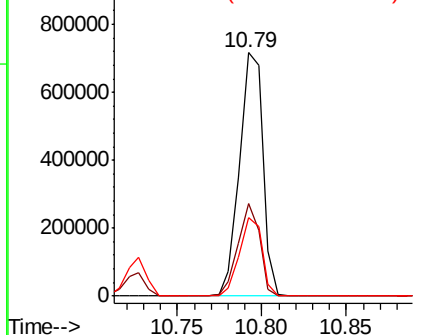
Lab File: BF114836.D

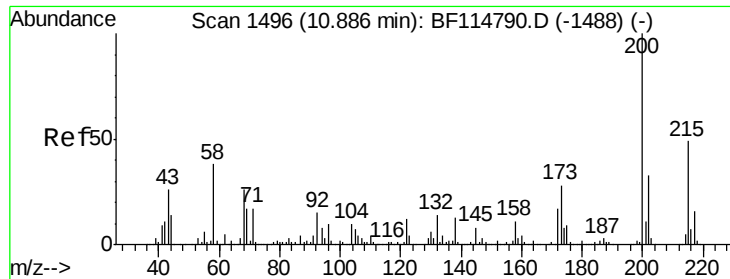
Acq: 5 Jun 2019 23:27

Tgt Ion:	284	Resp:	692868
Ion Ratio	Lower	Upper	
284	100		
142	38.0	25.3	37.9#
249	32.0	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





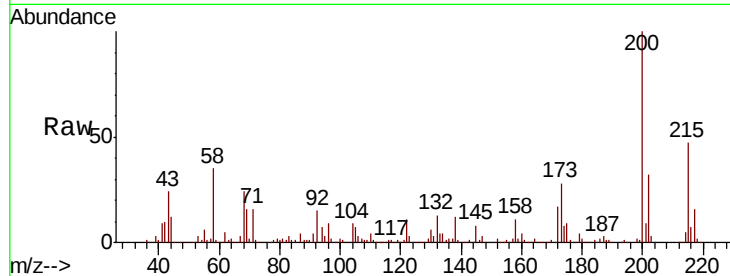
#69
Atrazine
Concen: 42.626 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	621440		
173	27.5	8.0	48.0	
215	47.4	28.7	68.7	

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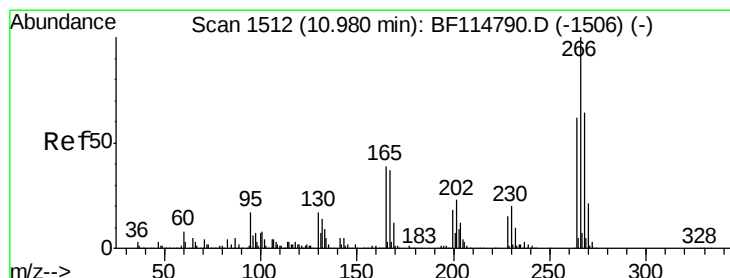
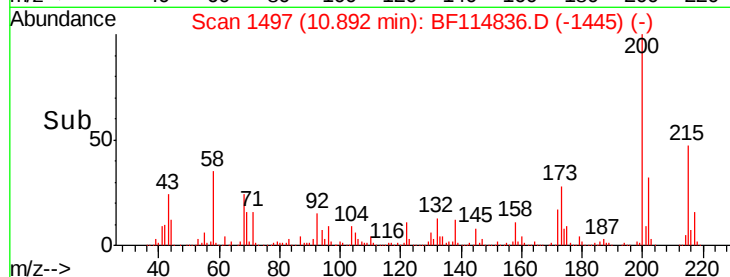
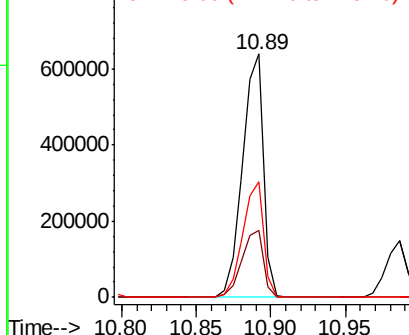


Abundance

Ion 200.00 (199.70 to 200.70): E

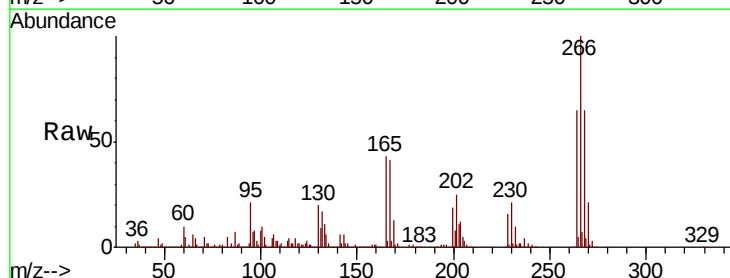
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 77.187 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	768892		
268	65.0	51.0	76.6	
264	64.7	49.6	74.4	

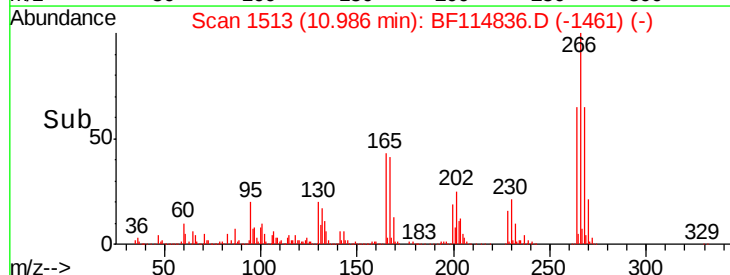
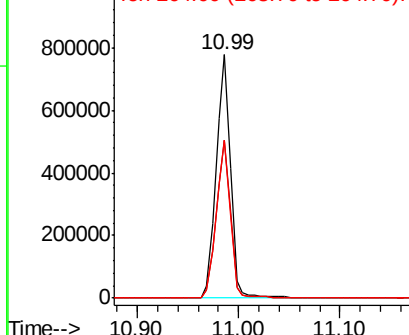


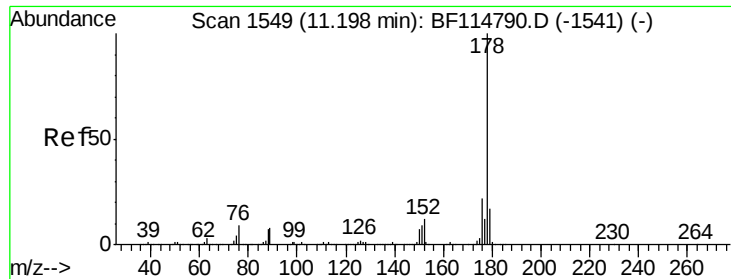
Abundance

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: 43.528 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampleId :

S-8CMS

Tot Ion:178 Resp: 2880665

Ion Ratio Lower Upper

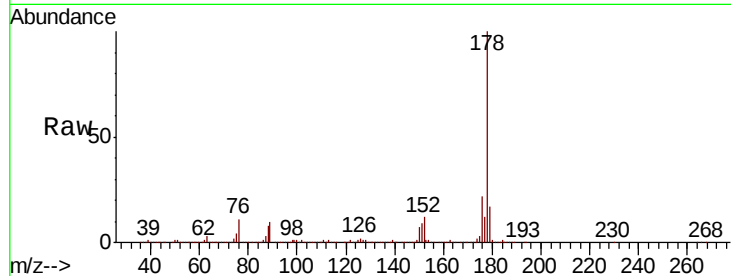
178 100

176 21.6 17.7 26.5

179 17.3 13.7 20.5

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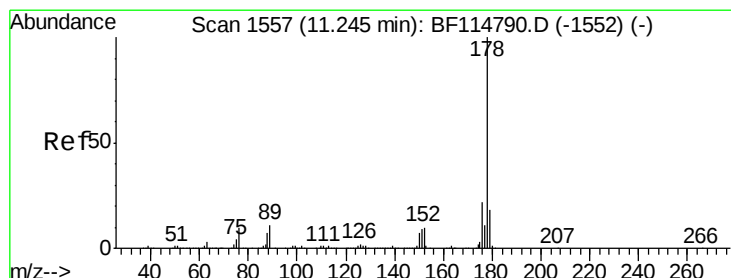
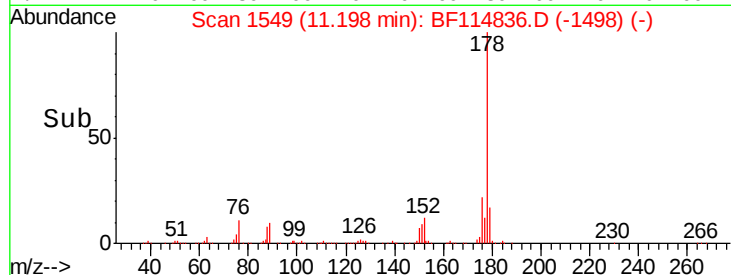
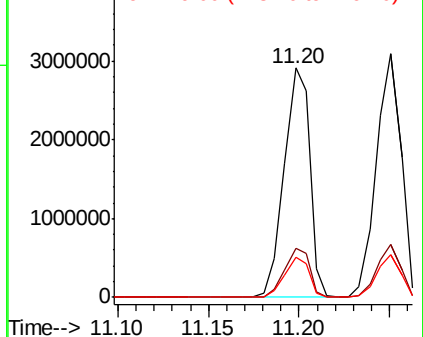


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.255 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

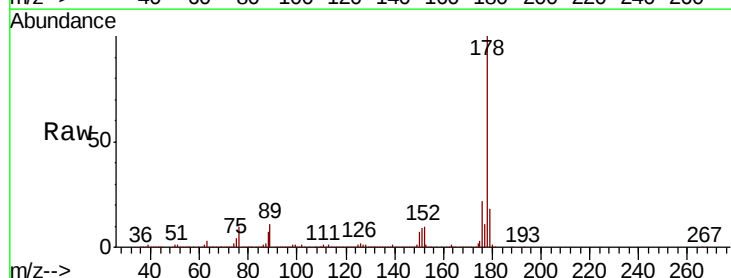
Tgt Ion:178 Resp: 2942995

Ion Ratio Lower Upper

178 100

176 21.8 17.4 26.0

179 17.6 14.2 21.4

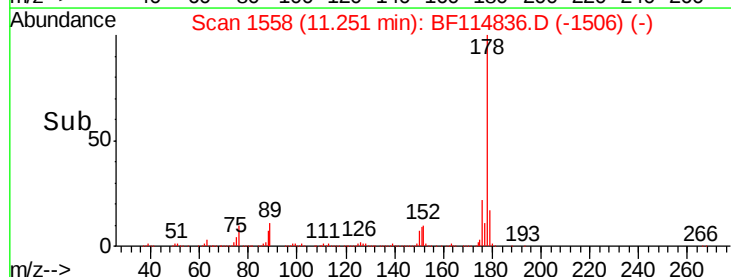
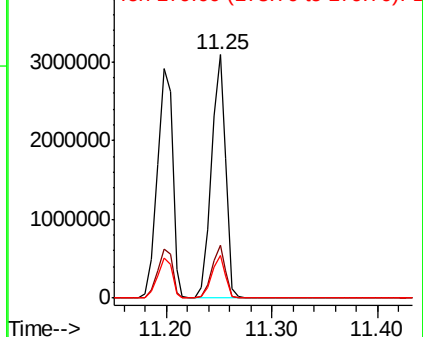


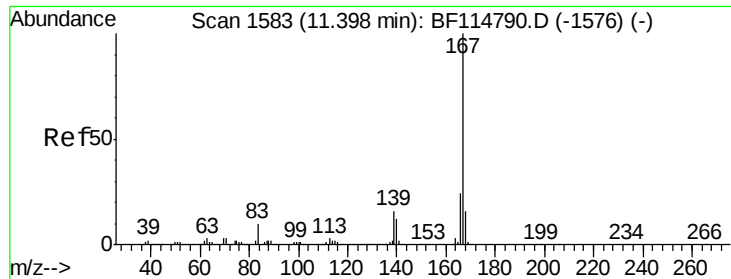
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





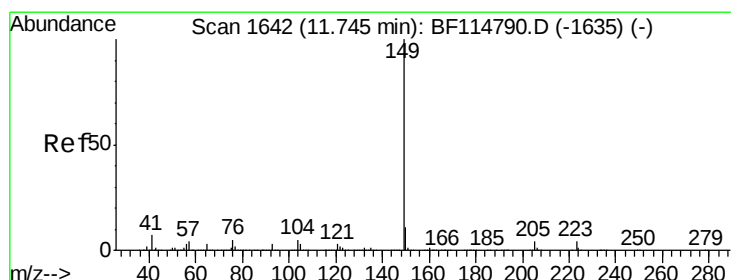
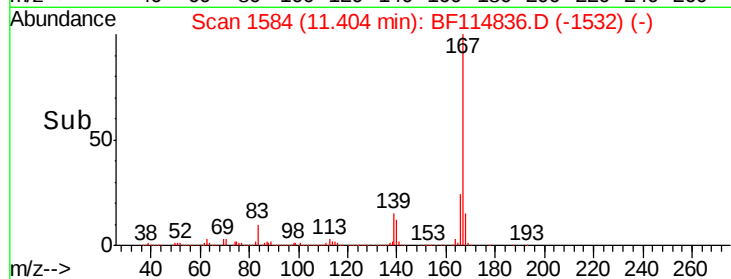
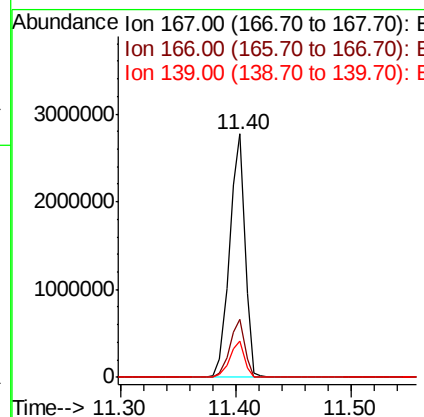
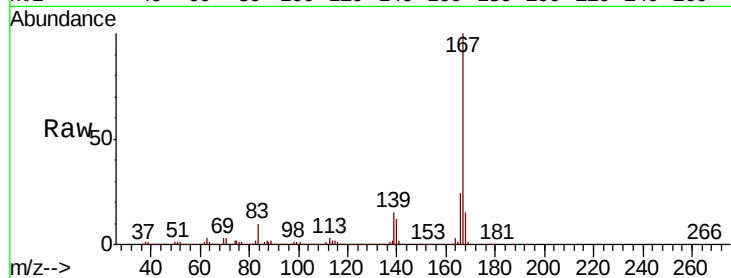
#73
 Carbazole
 Concen: 43.020 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :
 S-8CMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.1	28.7
139	15.1	12.4	18.6

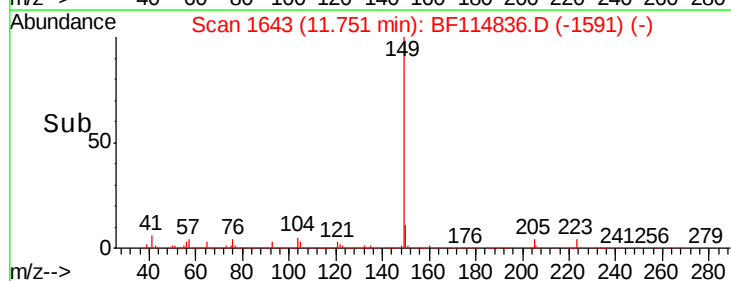
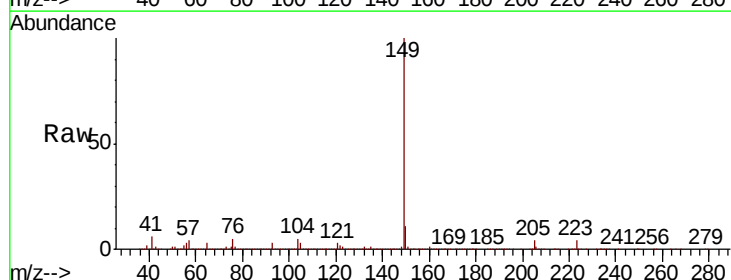
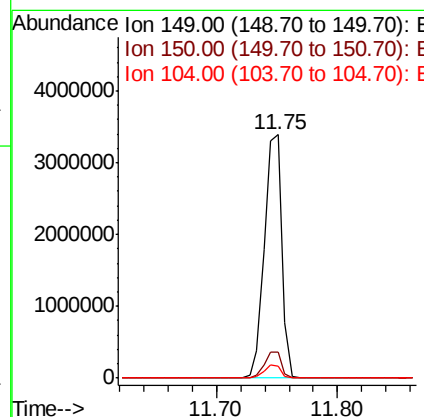
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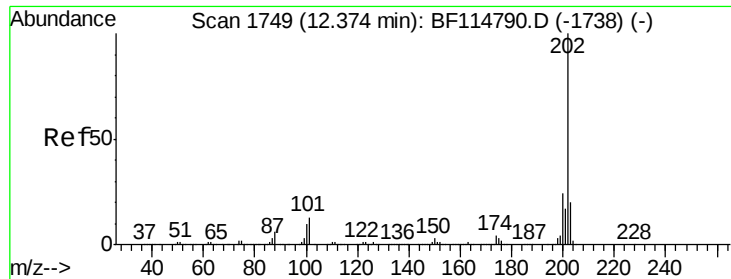
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.602 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.9	13.3
104	4.9	4.3	6.5





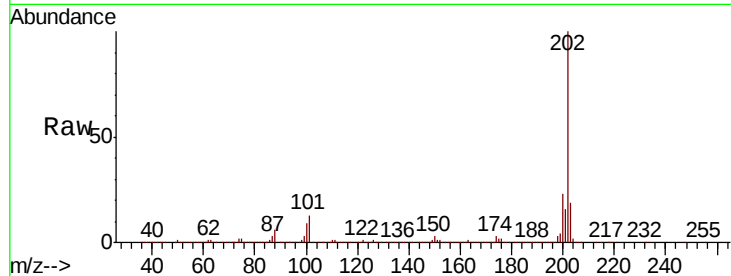
#75
 Fluoranthene
 Concen: 39.800 ng
 RT: 12.38 min Scan# 1750
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :
 S-8CMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.8
203	19.2	0.2	40.2

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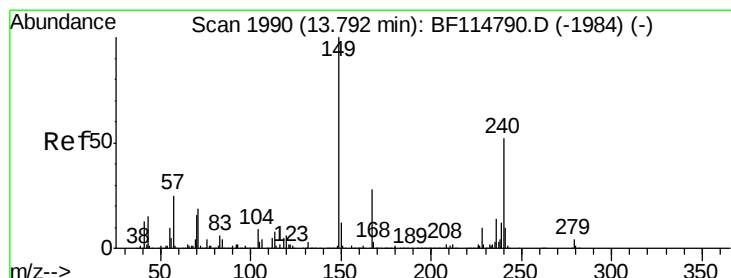
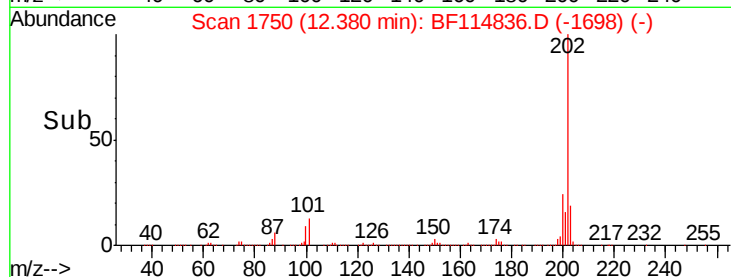
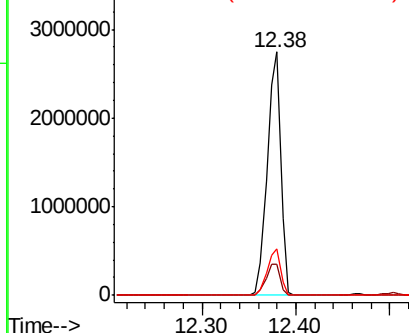


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

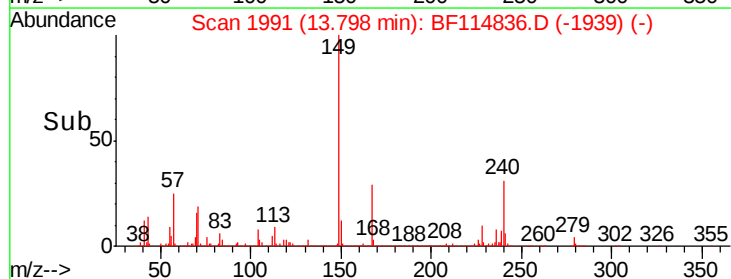
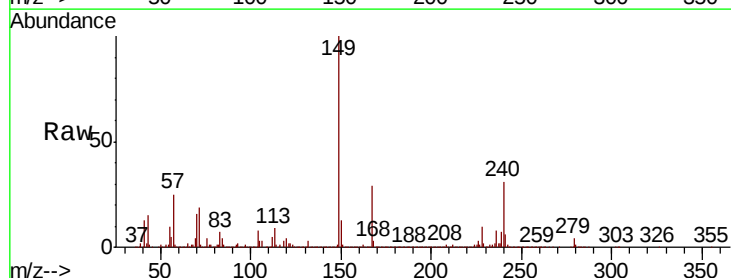
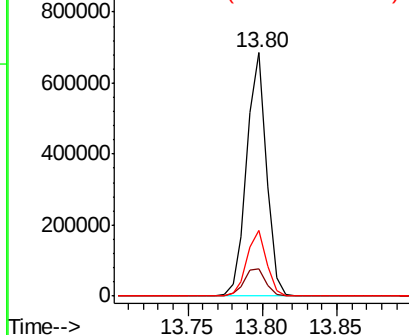
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.4
236	27.1	21.4	32.0

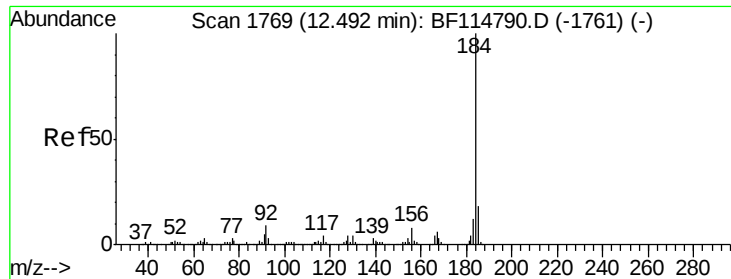
Abundance

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: 29.212 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

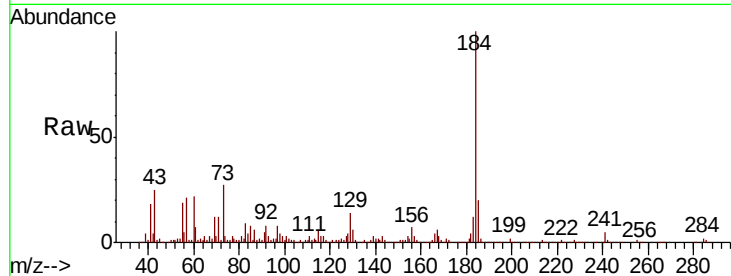
ClientSampleId :

S-8CMS

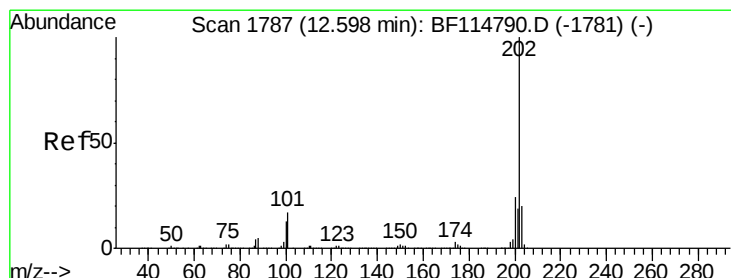
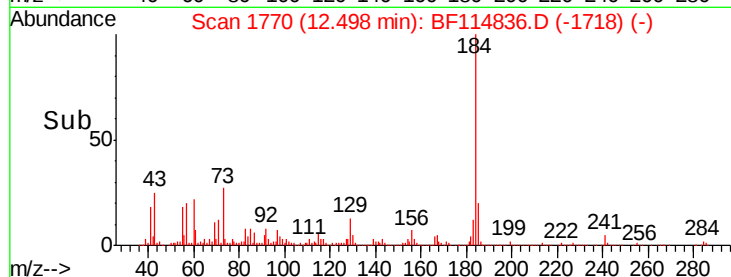
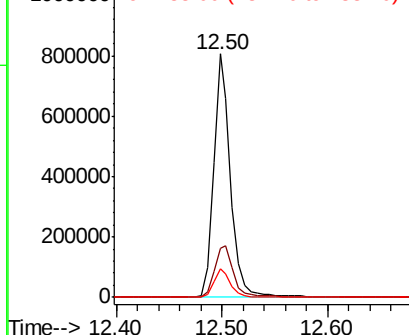
Tot Ion:	184	Resp:	905331
Ion Ratio	Lower	Upper	
184	100		
185	20.2	14.1	21.1
183	11.7	9.9	14.9

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



#78

Pyrene

Concen: 49.264 ng

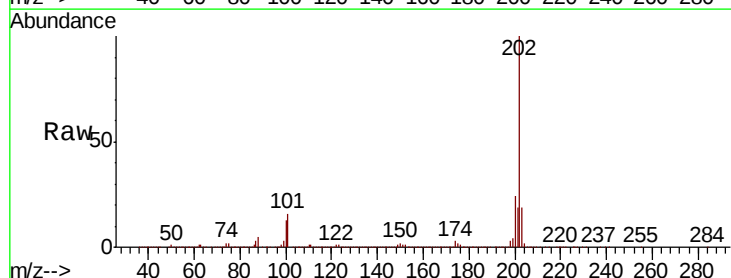
RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

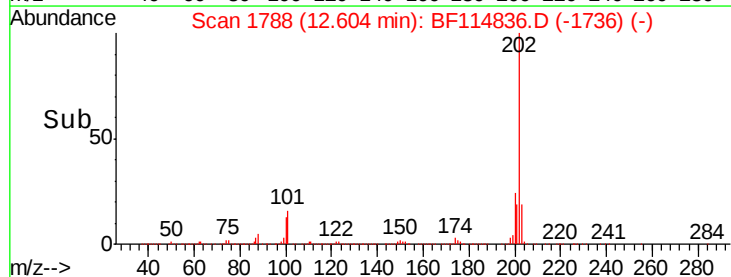
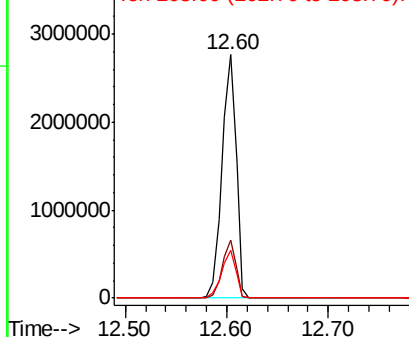
Lab File: BF114836.D

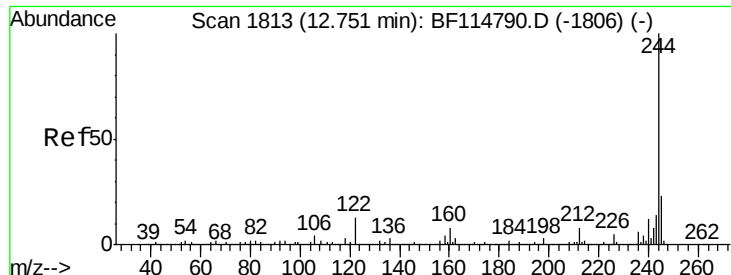
Acq: 5 Jun 2019 23:27

Tgt Ion:	202	Resp:	2675490
Ion Ratio	Lower	Upper	
202	100		
200	24.1	19.2	28.8
203	19.4	15.9	23.9



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





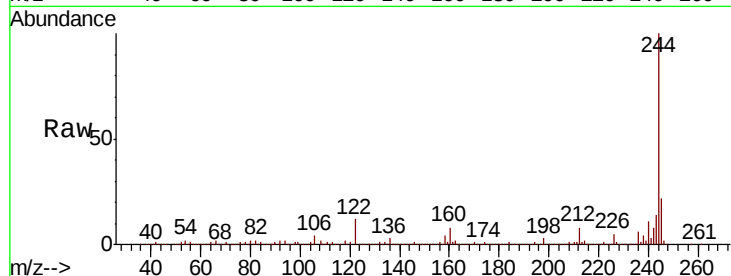
#79
 Terphenyl-d14
 Concen: 99.448 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Instrument :
 BNA_F
 ClientSampleId :
 S-8CMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	12.1	10.5	15.7

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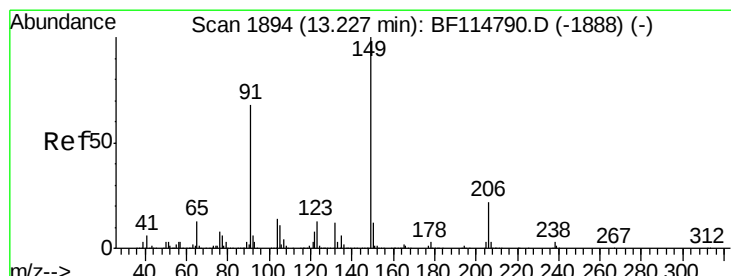
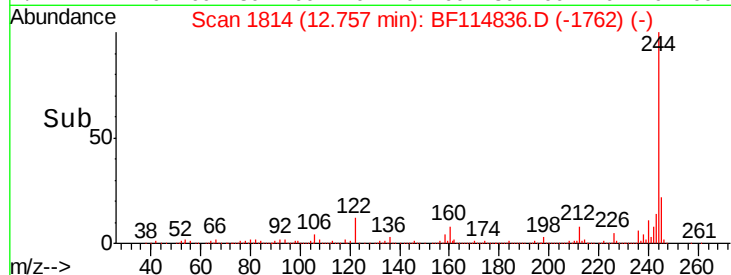
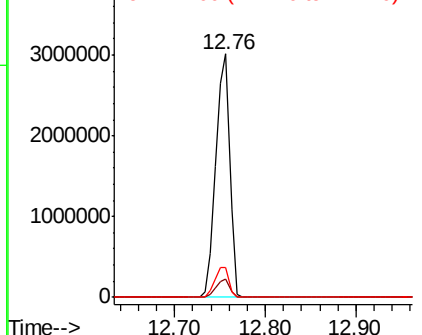


Abundance

Ion 244.00 (243.70 to 244.70): E

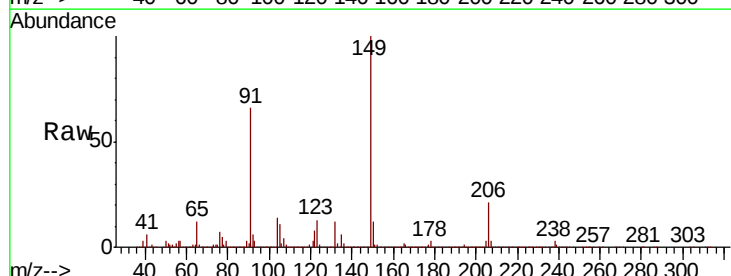
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 53.161 ng
 RT: 13.23 min Scan# 1895
 Delta R.T. 0.01 min
 Lab File: BF114836.D
 Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.6	54.6	82.0
206	21.3	17.2	25.8

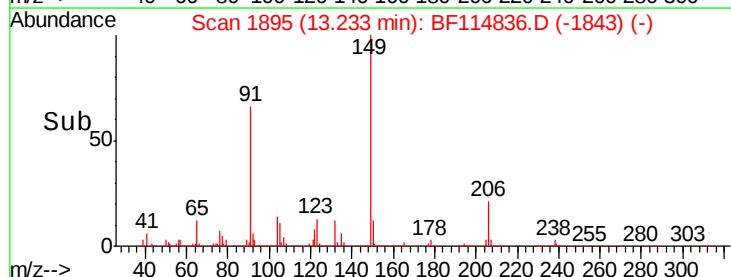
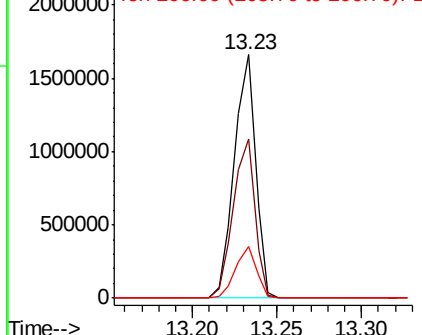


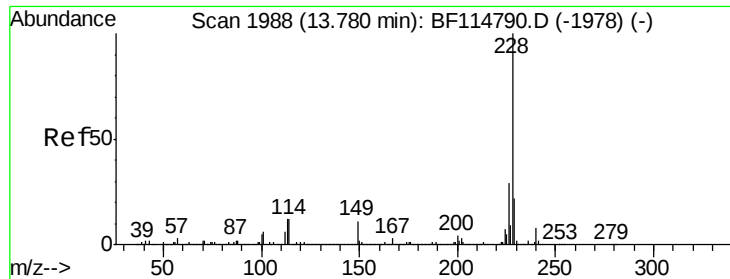
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.061 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

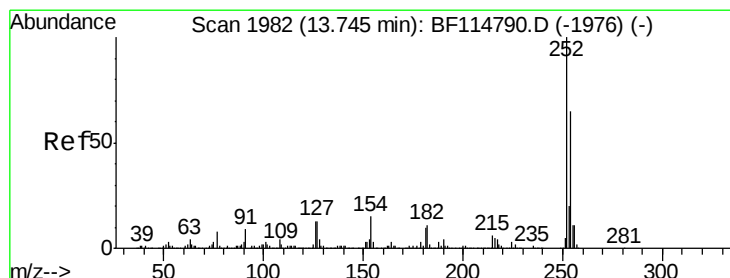
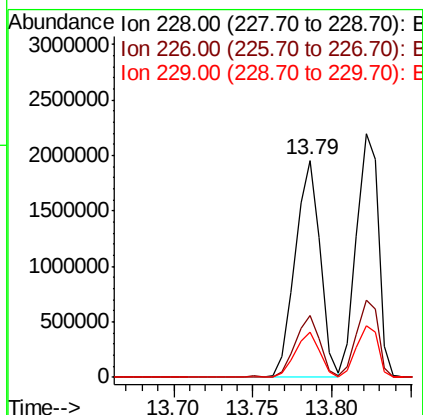
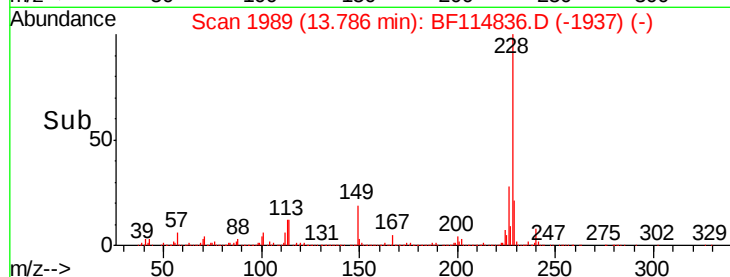
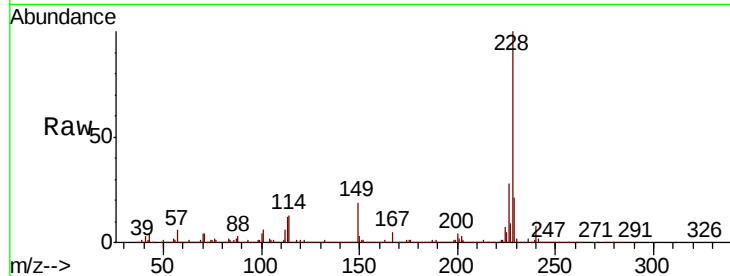
ClientSampleId :

S-8CMS

Tot Ion:	228	Resp:	2125580
Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	20.8	17.4	26.0

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#82

3,3'-Dichlorobenzidine

Concen: 39.755 ng

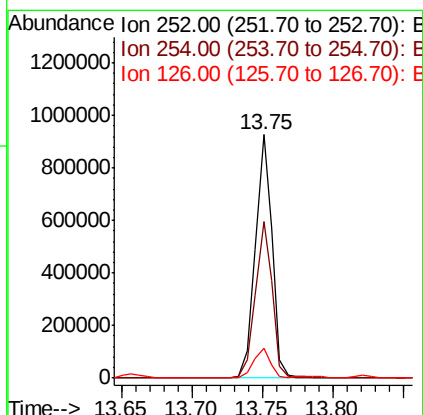
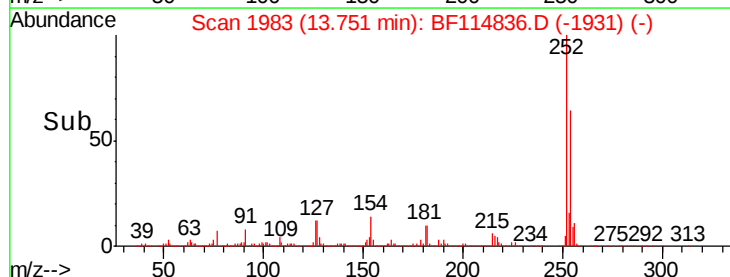
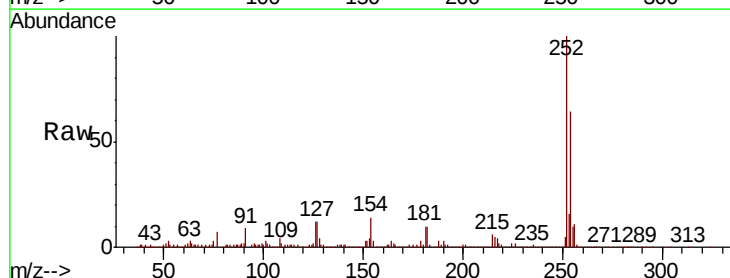
RT: 13.75 min Scan# 1983

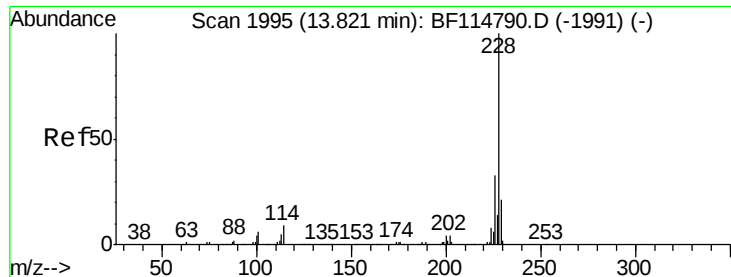
Delta R.T. 0.01 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Tgt Ion:	252	Resp:	777664
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.9	77.9
126	12.3	10.5	15.7





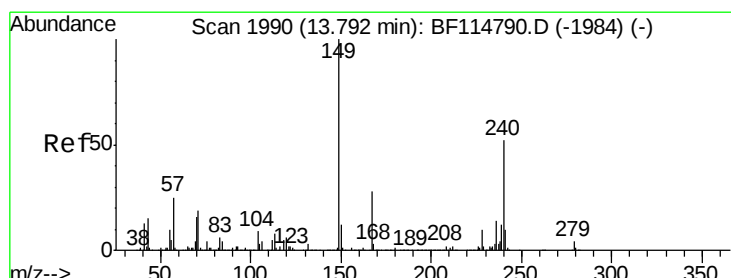
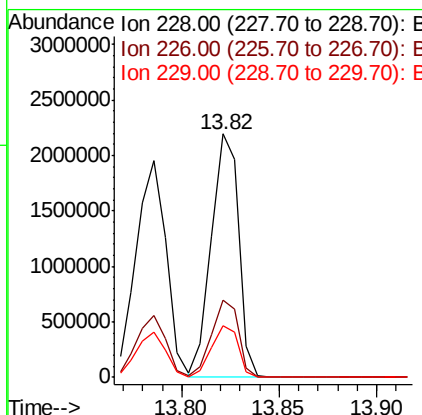
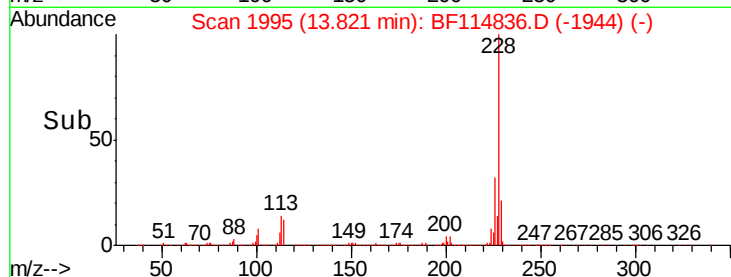
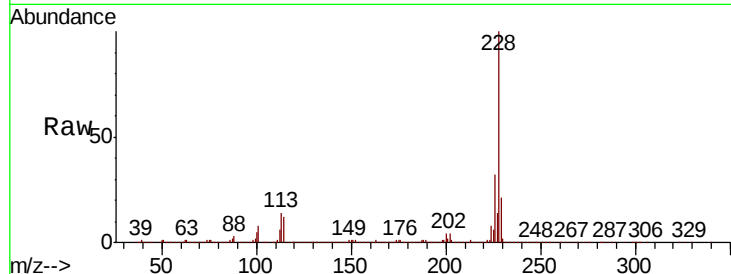
#83
Chrysene
Concen: 45.354 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampled :
S-8CMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.0	39.0
229	21.4	17.1	25.7

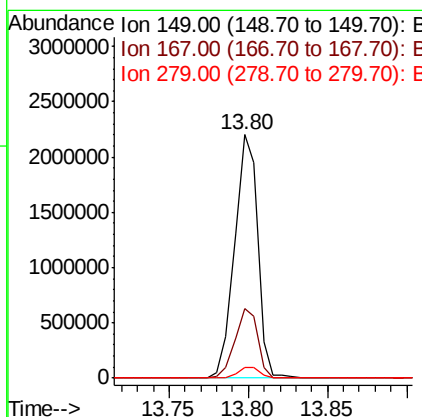
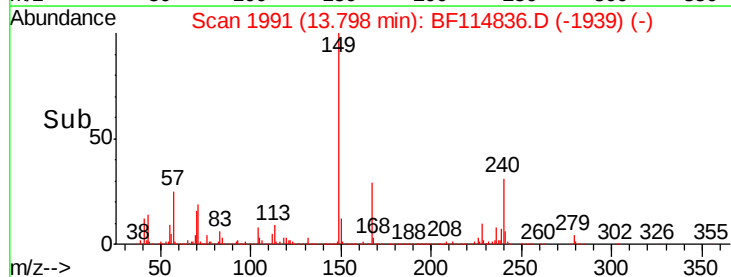
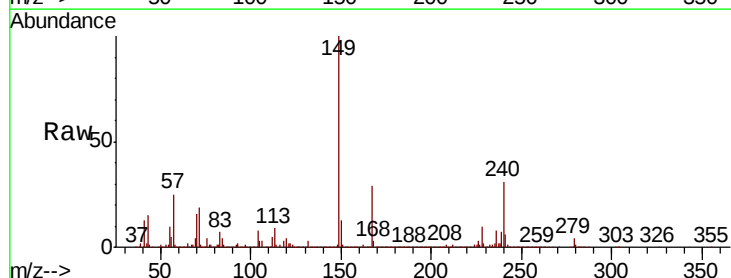
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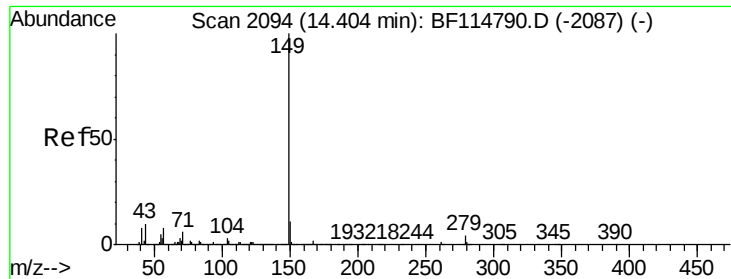
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#84
Bis(2-ethylhexyl)phthalate
Concen: 63.753 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.7	34.1
279	4.2	3.1	4.7





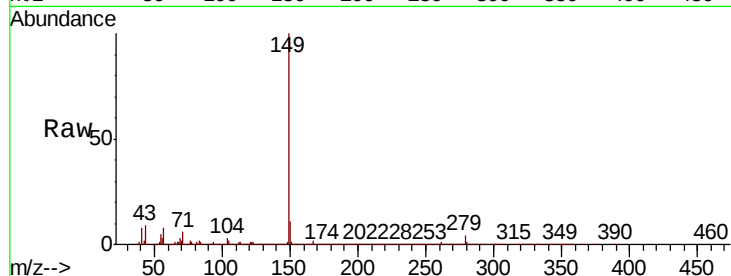
#85
Di-n-octyl phthalate
Concen: 51.377 ng
RT: 14.40 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.6	7.0	10.6

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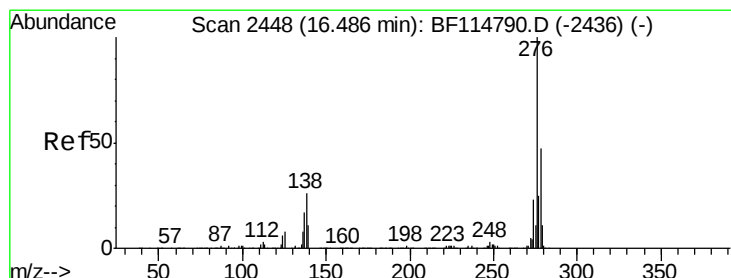
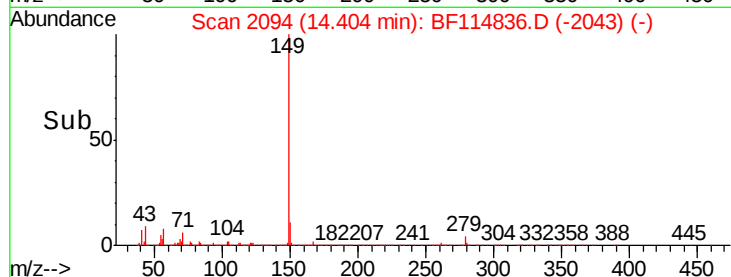
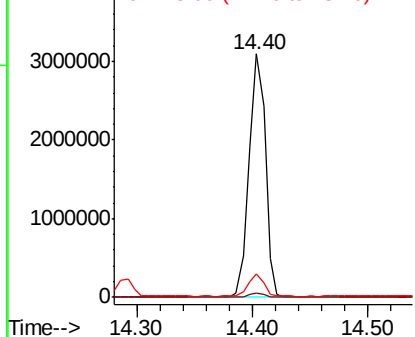


Abundance

Ion 149.00 (148.70 to 149.70): E

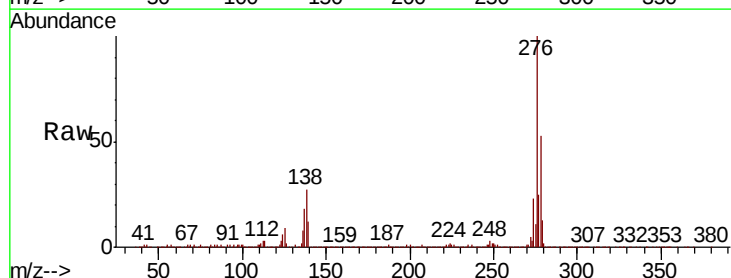
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.179 ng
RT: 16.49 min Scan# 2449
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	22.2	33.4
277	25.6	20.6	30.8

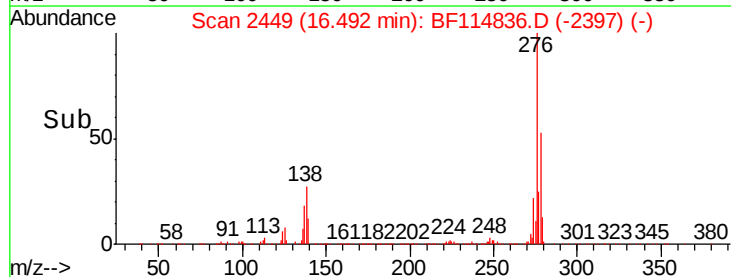
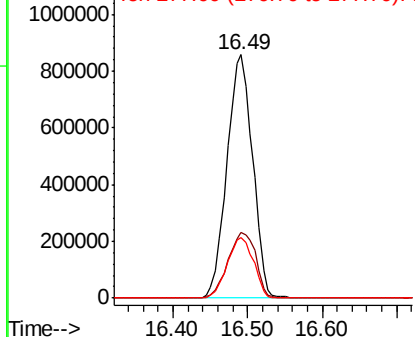


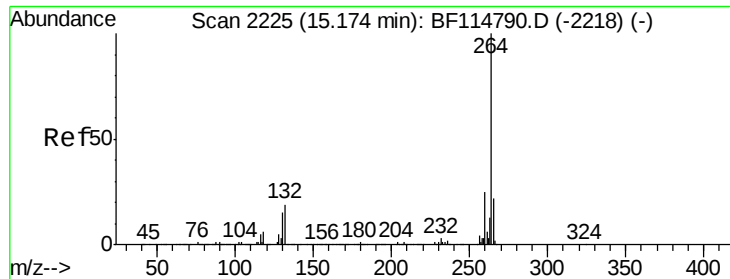
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





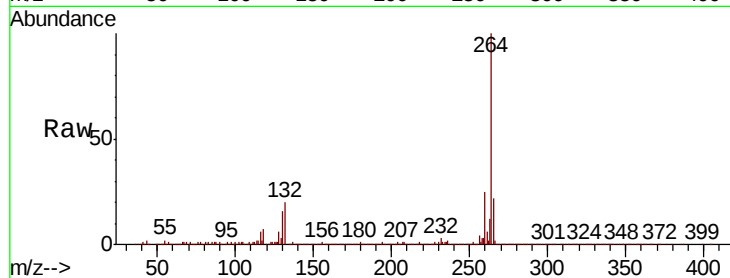
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	21.9	17.7	26.5

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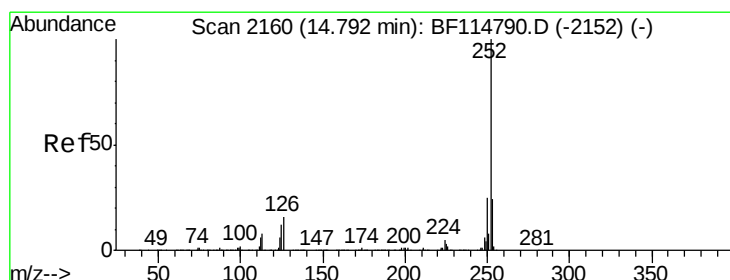
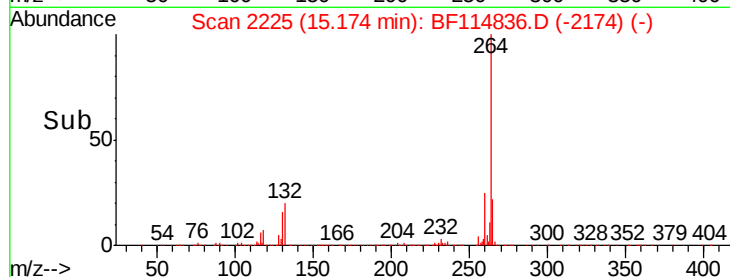
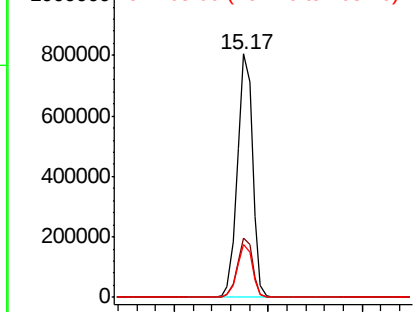


Abundance

Ion 264.00 (263.70 to 264.70): E

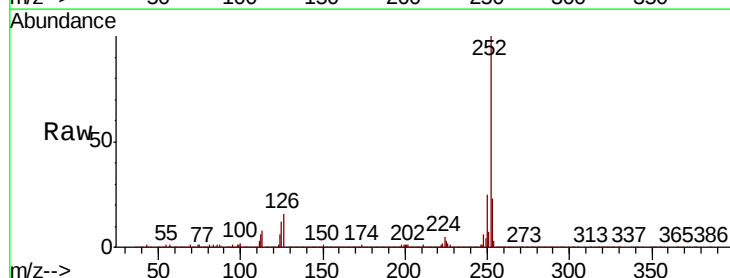
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 45.061 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.6
125	12.2	9.4	14.0

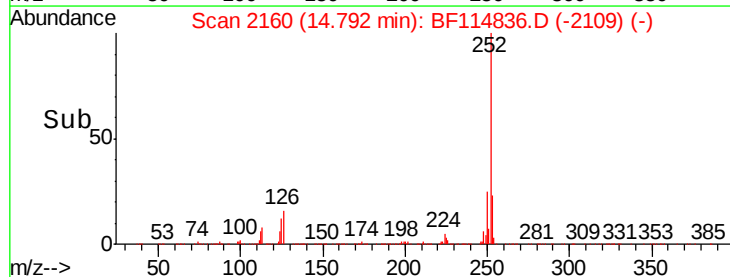
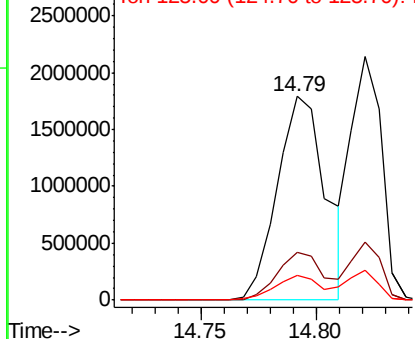


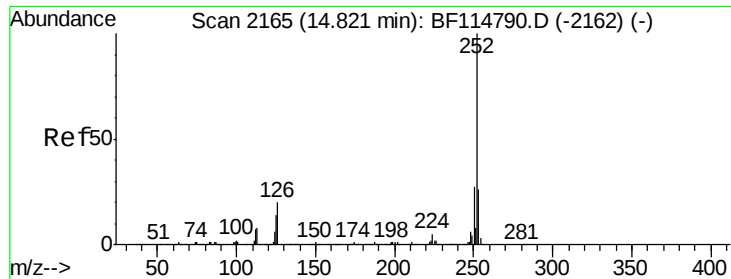
Abundance

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: 40.154 ng

RT: 14.82 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

Instrument :

BNA_F

ClientSampleId :

S-8CMS

Tot Ion:252 Resp: 1967257

Ion Ratio Lower Upper

252 100

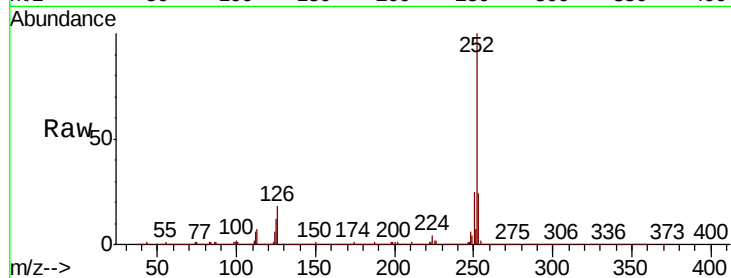
253 23.9 19.3 28.9

125 12.4 10.1 15.1

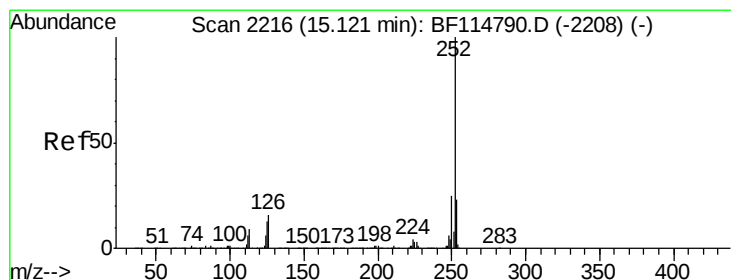
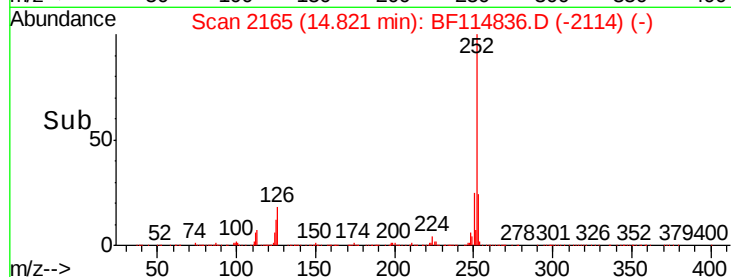
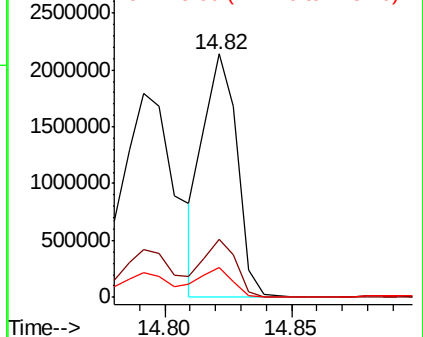
Manual Integrations
APPROVED

mohammad

6/6/2019 4:50:33 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: 44.655 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BF114836.D

Acq: 5 Jun 2019 23:27

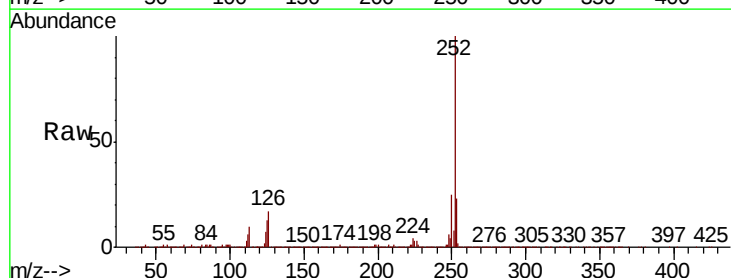
Tgt Ion:252 Resp: 2229847

Ion Ratio Lower Upper

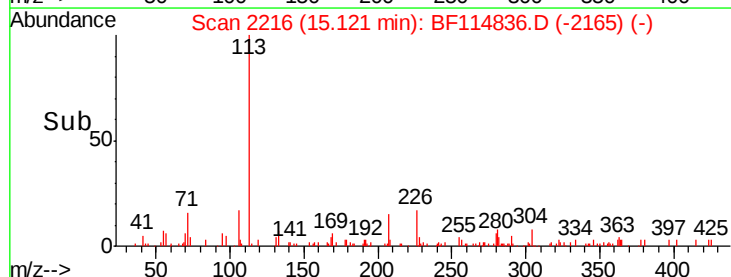
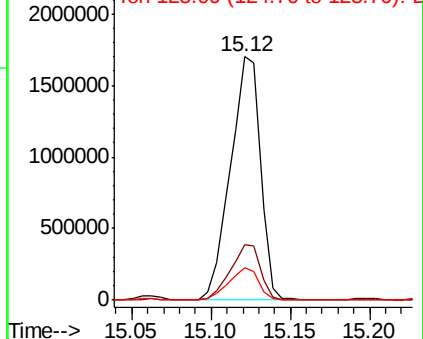
252 100

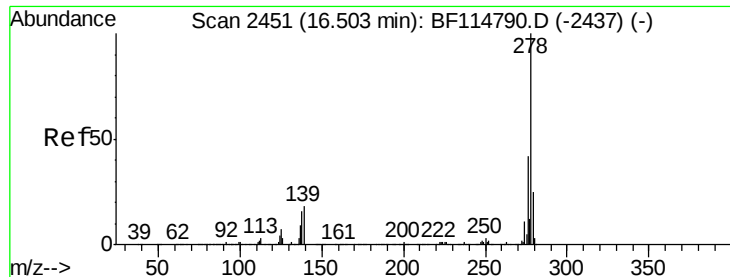
253 23.0 18.5 27.7

125 13.2 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





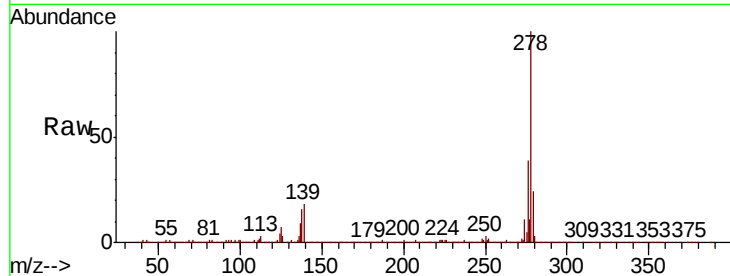
#91
Dibenzo(a,h)anthracene
Concen: 36.844 ng
RT: 16.51 min Scan# 2452
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.6	22.0
279	24.3	20.1	30.1

Manual Integrations
APPROVED

mohammad
6/6/2019 4:50:33 PM

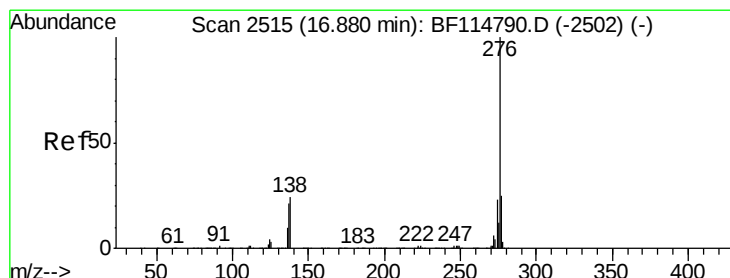
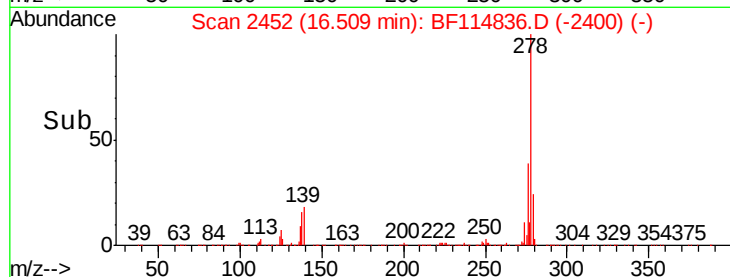
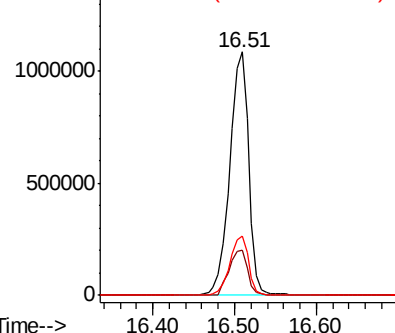


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 33.311 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF114836.D
Acq: 5 Jun 2019 23:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.6
138	25.4	19.4	29.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

