

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114798.D
 Acq On : 4 Jun 2019 18:34
 Operator : HP/JU
 Sample : K2641-14MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 6/5/2019 3:40:50 PM

Quant Time: Jun 05 04:38:18 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	6.66	152	169811	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	659519	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	321124	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	660748	20.00	ng	0.00
76) Chrysene-d12	13.79	240	547727	20.00	ng	0.00
87) Perylene-d12	15.16	264	655278	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1227561	126.32	ng	0.00
7) Phenol-d6	6.30	99	1383279	116.98	ng	0.00
23) Nitrobenzene-d5	7.22	82	948782	88.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	495315	143.13	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1933126	112.77	ng	0.00
79) Terphenyl-d14	12.74	244	2469429	87.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	168002	36.208	ng	99
3) Pyridine	3.03	79	377627	29.614	ng	99
4) n-Nitrosodimethylamine	2.90	42	181703	38.934	ng	98
6) Aniline	6.32	93	102726	6.122	ng	92
8) 2-Chlorophenol	6.45	128	493186	43.923	ng	100
9) Benzaldehyde	6.20	77	149879	18.272	ng	97
10) Phenol	6.31	94	503707	37.249	ng	# 75
11) bis(2-Chloroethyl)ether	6.40	93	450179	42.656	ng	98
12) 1,3-Dichlorobenzene	6.60	146	509654	38.952	ng	100
13) 1,4-Dichlorobenzene	6.68	146	523880	39.792	ng	98
14) 1,2-Dichlorobenzene	6.83	146	496379	41.748	ng	98
15) Benzyl Alcohol	6.80	79	397477	44.449	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	610871	40.472	ng	100
17) 2-Methylphenol	6.92	107	389762	40.609	ng	98
18) Hexachloroethane	7.18	117	180416	36.408	ng	94
19) n-Nitroso-di-n-propylamine	7.08	70	321423	41.062	ng	97
20) 3+4-Methylphenols	7.07	107	479075	45.255	ng	89
22) Acetophenone	7.07	105	673370	46.375	ng	# 97
24) Nitrobenzene	7.24	77	493924	44.501	ng	99
25) Isophorone	7.48	82	893208	42.171	ng	95
26) 2-Nitrophenol	7.56	139	267886	44.563	ng	93
27) 2,4-Dimethylphenol	7.60	122	426847	46.717	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	572584	42.291	ng	98
29) 2,4-Dichlorophenol	7.80	162	427608	44.484	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	467508	42.386	ng	99
31) Naphthalene	7.96	128	1435573	48.349	ng	97
32) Benzoic acid	7.69	122	195231	29.338	ng	99
33) 4-Chloroaniline	8.01	127	58386	4.122	ng	98
34) Hexachlorobutadiene	8.09	225	249232	39.745	ng	99
35) Caprolactam	8.36	113	113172m	36.040	ng	
36) 4-Chloro-3-methylphenol	8.50	107	435594	45.539	ng	99
37) 2-Methylnaphthalene	8.66	142	989610	48.052	ng	98
38) 1-Methylnaphthalene	8.75	142	939625	48.110	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	428721	46.327	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	442322	78.808	ng	99
43) 2,4,6-Trichlorophenol	8.93	196	312354	43.406	ng	100
44) 2,4,5-Trichlorophenol	8.97	196	335964	46.358	ng	100
46) 1,1'-Biphenyl	9.12	154	1197397	50.311	ng	96
47) 2-Chloronaphthalene	9.14	162	941784	46.569	ng	96
48) 2-Nitroaniline	9.23	65	267585	44.338	ng	94
49) Acenaphthylene	9.55	152	1488483	50.754	ng	96
50) Dimethylphthalate	9.42	163	1104810	47.106	ng	99
51) 2,6-Dinitrotoluene	9.47	165	257383	46.663	ng	99
52) Acenaphthene	9.72	154	973277	50.661	ng	99
53) 3-Nitroaniline	9.63	138	75921	11.783	ng	94
54) 2,4-Dinitrophenol	9.75	184	179566	71.943	ng	94
55) Dibenzofuran	9.90	168	1327273	49.684	ng	93
56) 4-Nitrophenol	9.80	139	433472	91.808	ng	90
57) 2,4-Dinitrotoluene	9.87	165	347170	50.068	ng	92
58) Fluorene	10.23	166	983865	60.669	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	287838	48.479	ng	99
60) Diethylphthalate	10.12	149	1123927	47.756	ng	98
61) 4-Chlorophenyl-phenylether	10.23	204	477915	46.709	ng	98
62) 4-Nitroaniline	10.25	138	254573	40.734	ng	97
63) Azobenzene	10.39	77	989043	49.370	ng	96
65) 4,6-Dinitro-2-methylphenol	10.28	198	130320	37.969	ng	97
66) n-Nitrosodiphenylamine	10.35	169	928268	46.461	ng	98
67) 4-Bromophenyl-phenylether	10.72	248	321191	42.800	ng	98
68) Hexachlorobenzene	10.79	284	348806	42.470	ng	99
69) Atrazine	10.87	200	311236	44.790	ng	98
70) Pentachlorophenol	10.97	266	391559	82.470	ng	99
71) Phenanthrene	11.19	178	1629730	51.666	ng	97
72) Anthracene	11.24	178	1660645	50.025	ng	97
73) Carbazole	11.39	167	1517996	53.343	ng	97
74) Di-n-butylphthalate	11.74	149	1895267	50.636	ng	97
75) Fluoranthene	12.37	202	1744327	53.131	ng	97
77) Benzidine	12.49	184	225315	8.310	ng	# 94
78) Pyrene	12.59	202	1812890	38.153	ng	97
80) Butylbenzylphthalate	13.23	149	914406	38.109	ng	94
81) Benzo(a)anthracene	13.77	228	1716183	40.660	ng	98
82) 3,3'-Dichlorobenzidine	13.74	252	205843	12.027	ng	98
83) Chrysene	13.81	228	1672161	40.725	ng	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	1263703	41.650	ng	99
85) Di-n-octyl phthalate	14.40	149	2192425	42.526	ng	98
86) Indeno(1,2,3-cd)pyrene	16.47	276	1981257	42.290	ng	100
88) Benzo(b)fluoranthene	14.78	252	1763041	42.263	ng	99
89) Benzo(k)fluoranthene	14.81	252	1758002	49.625	ng	97
90) Benzo(a)pyrene	15.11	252	1712841	47.438	ng	99
91) Dibenzo(a,h)anthracene	16.49	278	1647337	48.177	ng	98
92) Benzo(g,h,i)perylene	16.86	276	1664743	48.414	ng	99

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

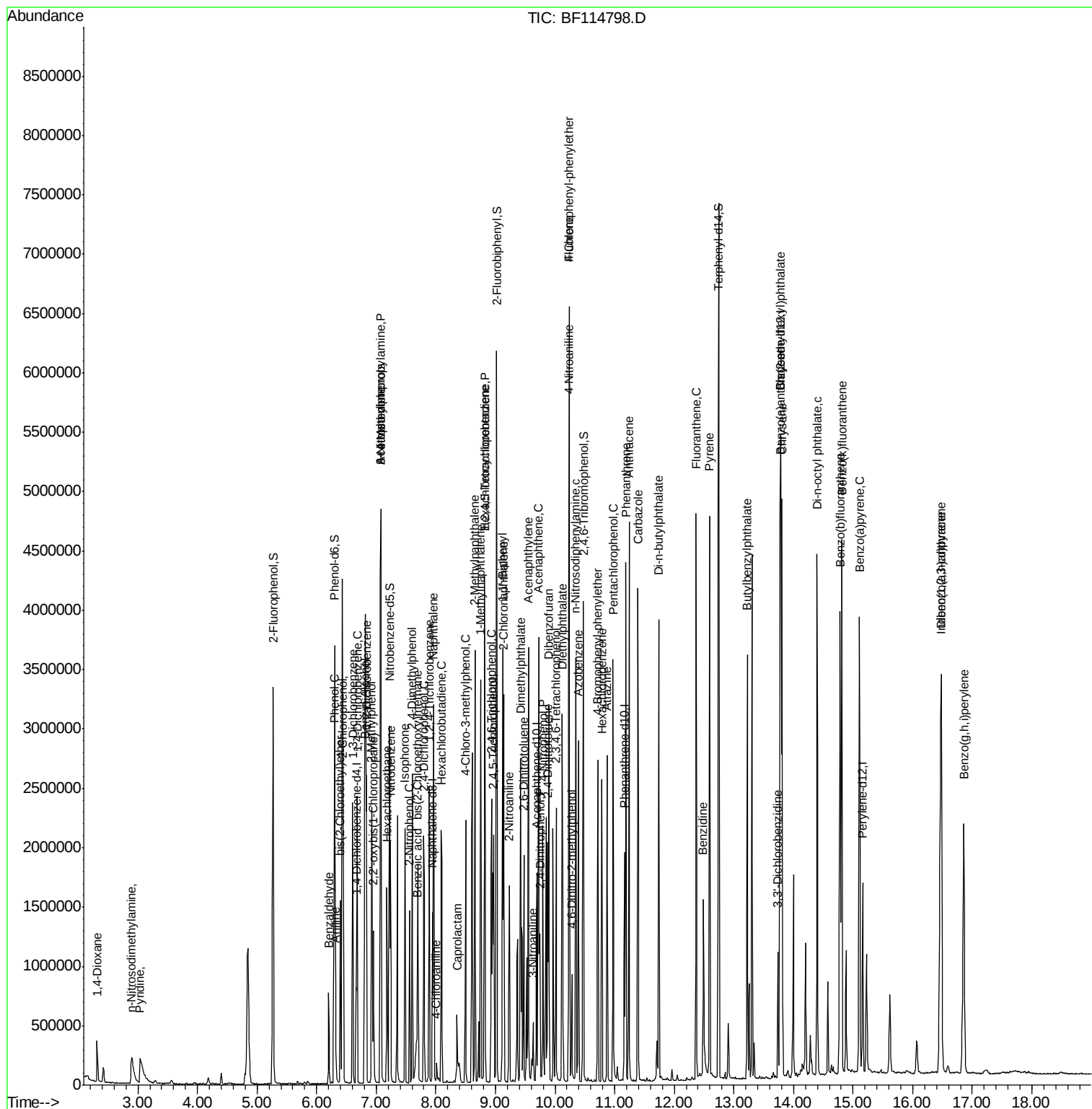
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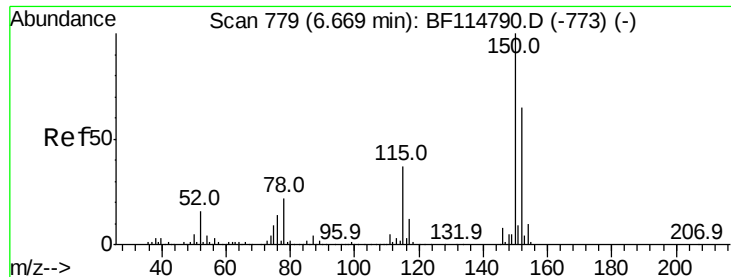
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#1

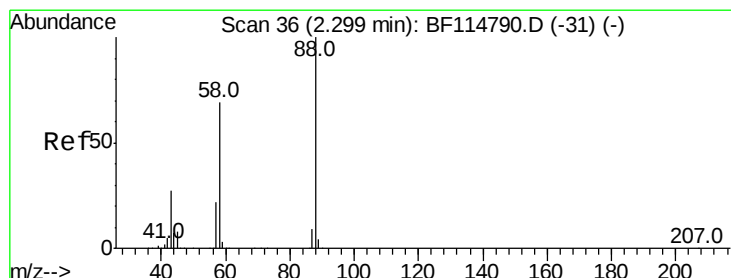
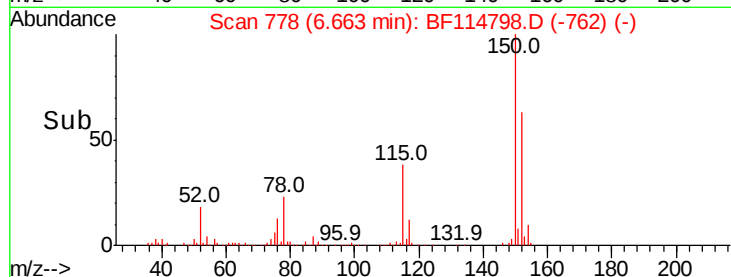
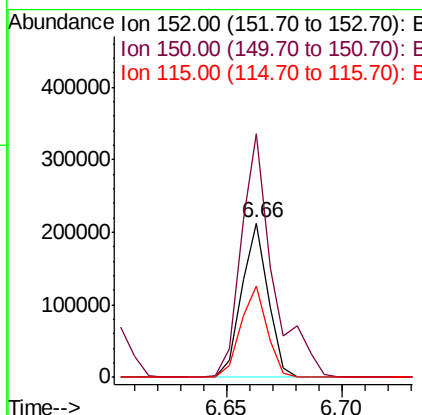
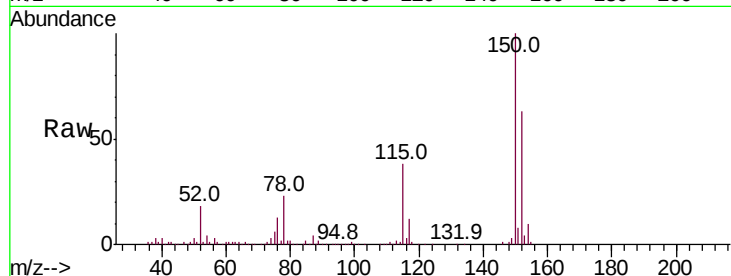
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.0	186.0
115	59.3	46.3	69.5

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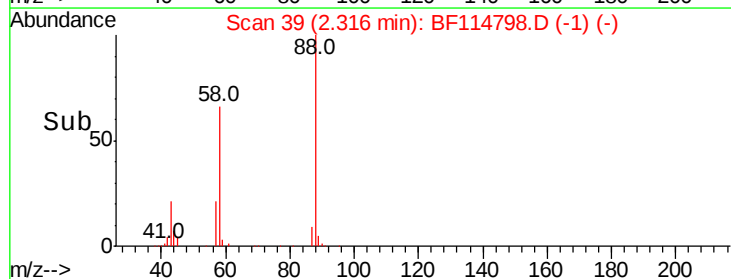
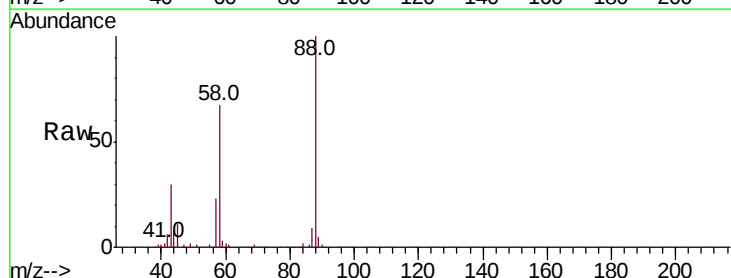
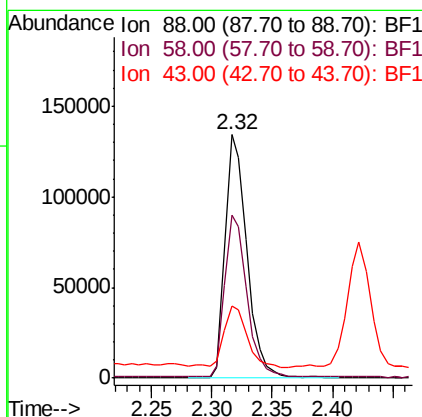
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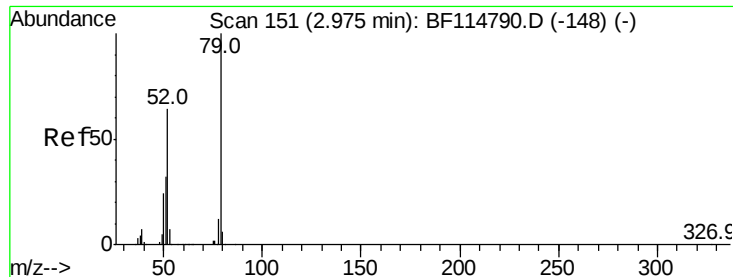


#2

1,4-Dioxane
Concen: 36.208 ng
RT: 2.32 min Scan# 39
Delta R.T. 0.02 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	53.8	80.8
43	26.9	20.7	31.1





#3

Pvridine

Concen: 29.614 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.06 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

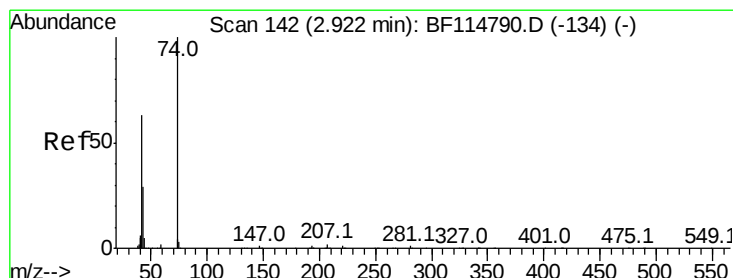
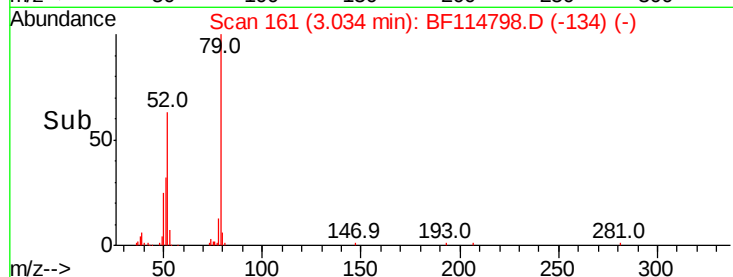
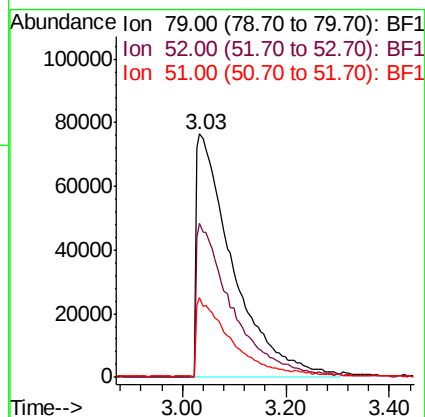
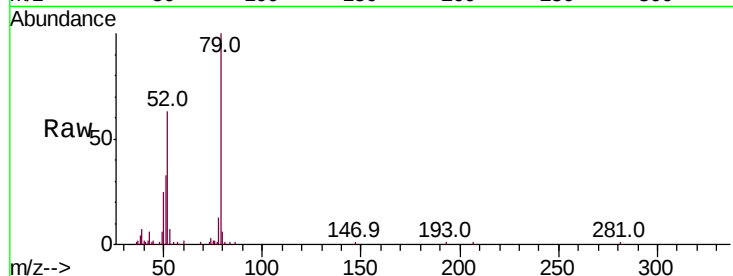
ClientSampleId :

CL-02-053119-AMSD

Tot Ion:	79	Resp:	377627
Ion Ratio	Lower	Upper	
79	100		
52	63.1	51.0	76.4
51	32.7	25.7	38.5

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#4

n-Nitrosodimethylamine

Concen: 38.934 ng

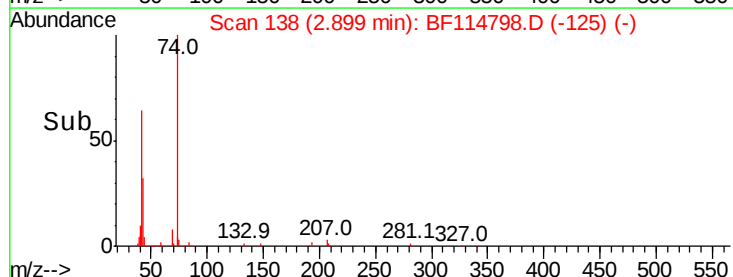
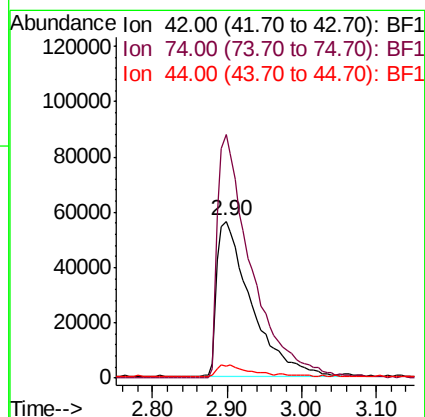
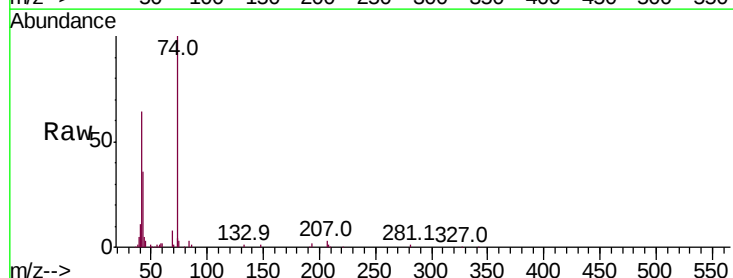
RT: 2.90 min Scan# 138

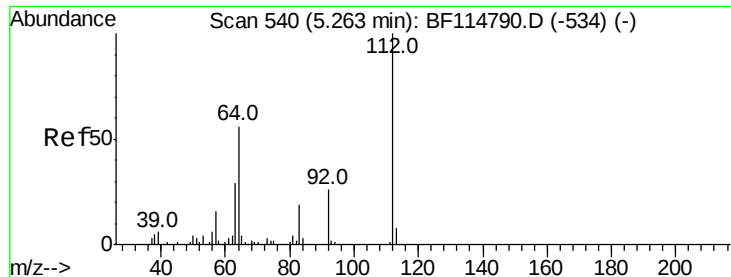
Delta R.T. -0.02 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Tgt Ion:	42	Resp:	181703
Ion Ratio	Lower	Upper	
42	100		
74	155.2	126.2	189.2
44	7.4	5.9	8.9





#5

2-Fluorophenol

Concen: 126.316 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

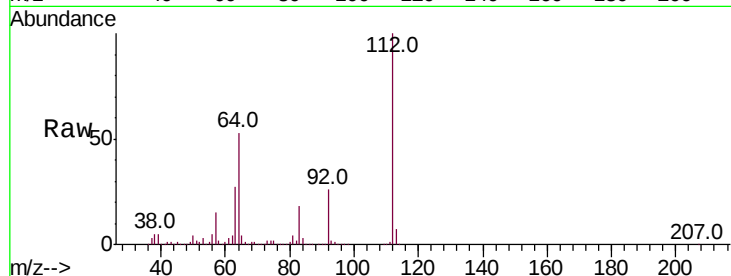
ClientSampleId :

CL-02-053119-AMSD

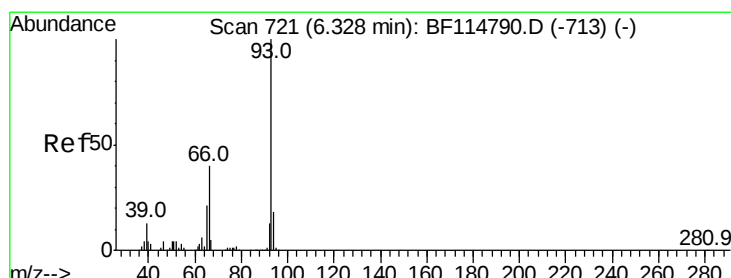
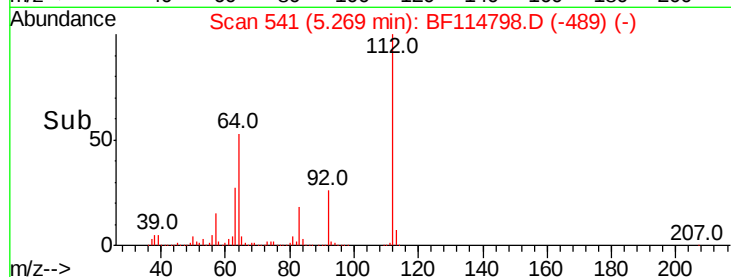
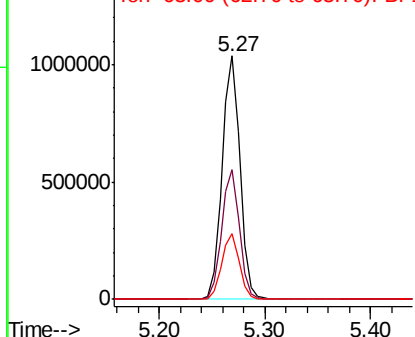
Tot Ion:	112	Resp:	1227561
Ion	Ratio	Lower	Upper
112	100		
64	53.4	44.6	66.8
63	27.0	23.0	34.4

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.122 ng

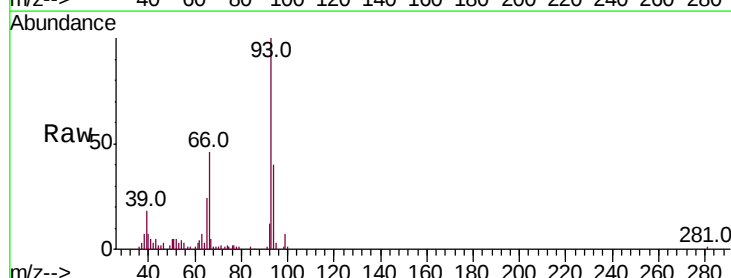
RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

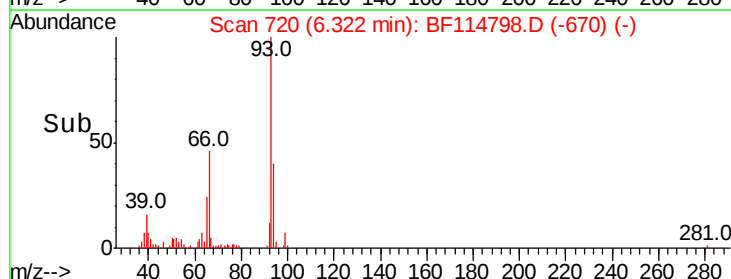
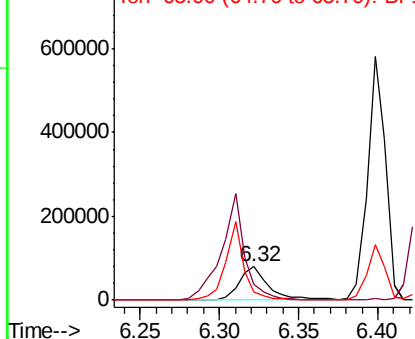
Lab File: BF114798.D

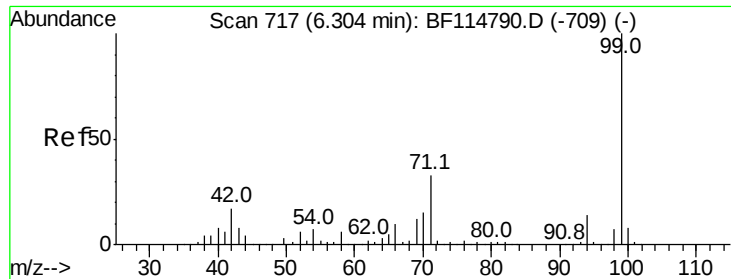
Acq: 4 Jun 2019 18:34

Tgt Ion:	93	Resp:	102726
Ion	Ratio	Lower	Upper
93	100		
66	46.2	32.8	49.2
65	24.2	16.9	25.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.978 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

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ClientSampleId :

CL-02-053119-AMSD

Tot Ion: 99 Resp: 1383279

Ion Ratio Lower Upper

99 100

42 16.0 13.3 19.9

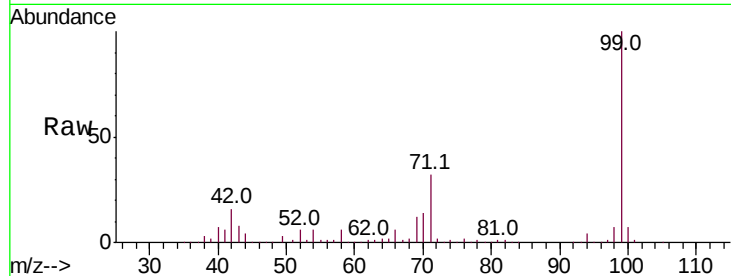
71 32.0 26.3 39.5

Manual Integrations

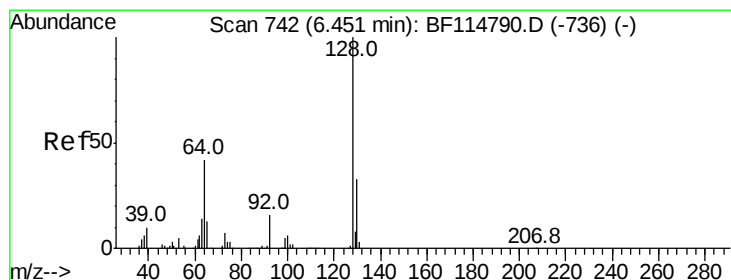
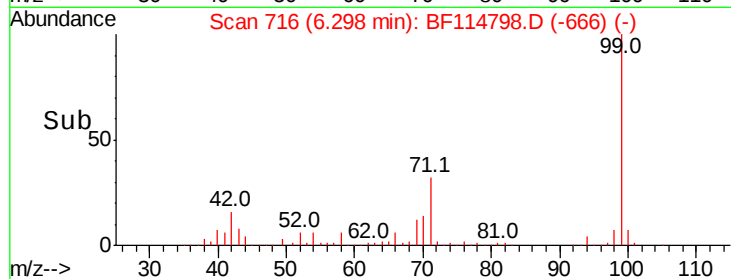
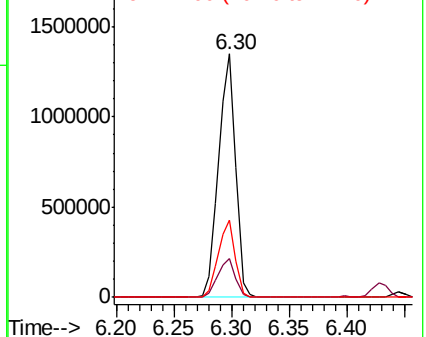
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.923 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

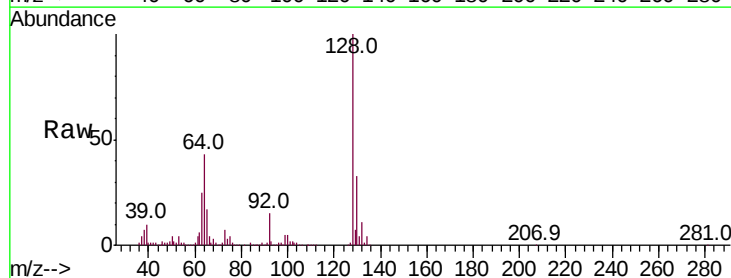
Tgt Ion:128 Resp: 493186

Ion Ratio Lower Upper

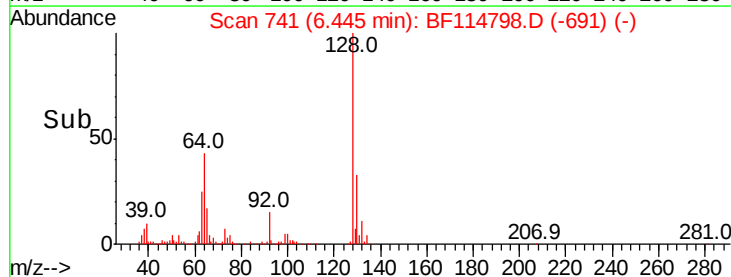
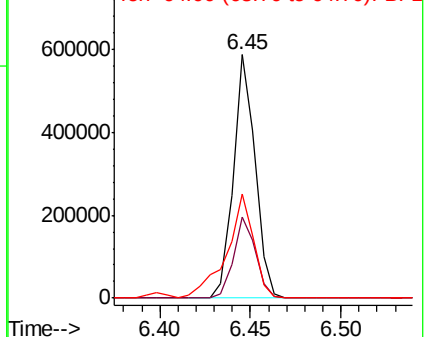
128 100

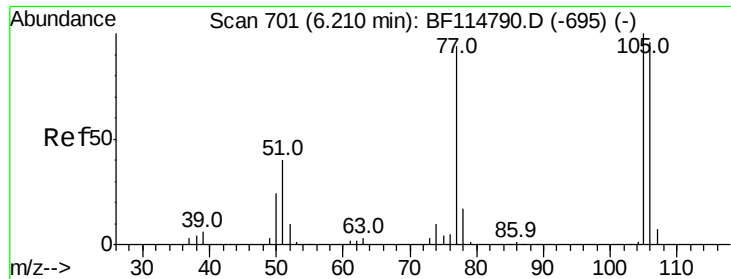
130 33.2 12.7 52.7

64 42.6 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.272 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

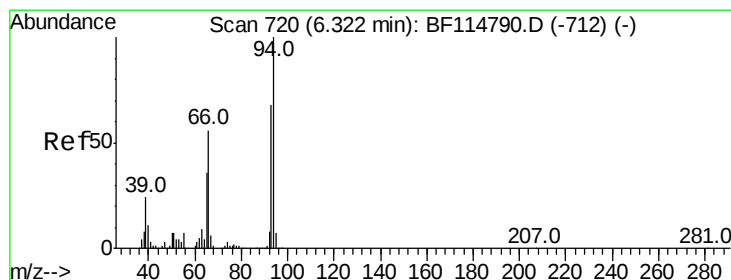
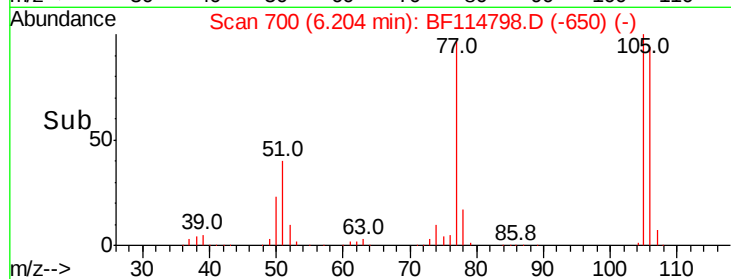
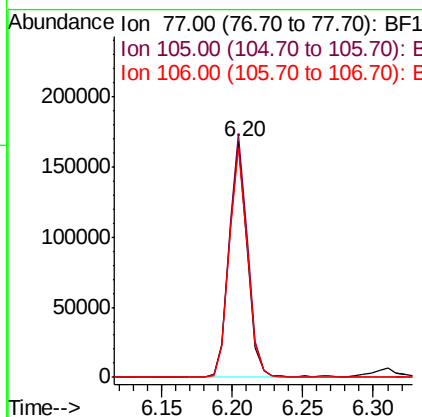
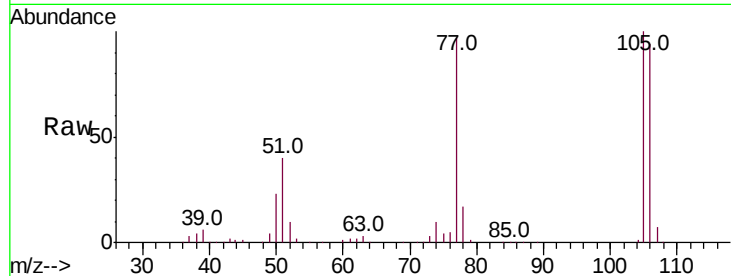
ClientSampleId :

CL-02-053119-AMSD

Tot Ion	77	Resp	149879
Ion	Ratio	Lower	Upper
77	100		
105	103.4	85.8	125.8
106	97.3	81.6	121.6

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#10

Phenol

Concen: 37.249 ng

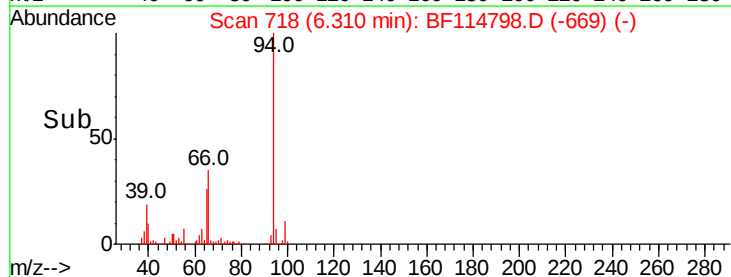
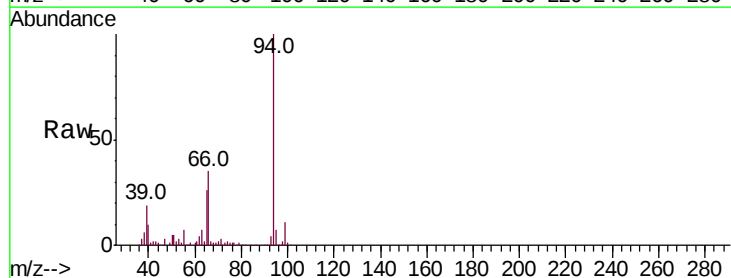
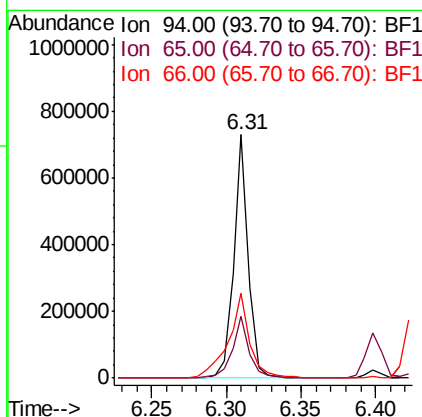
RT: 6.31 min Scan# 718

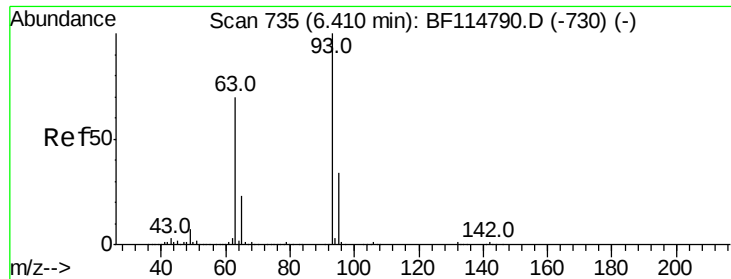
Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Tgt Ion	94	Resp	503707
Ion	Ratio	Lower	Upper
94	100		
65	25.5	16.1	56.1
66	35.0	36.3	76.3#





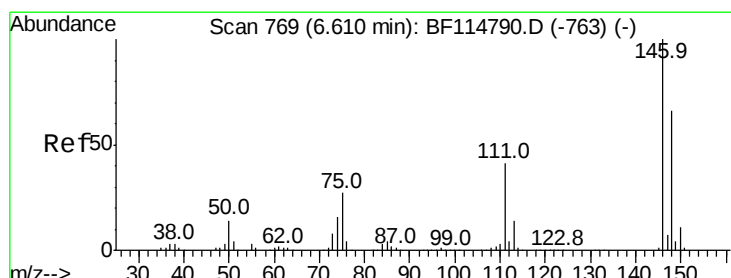
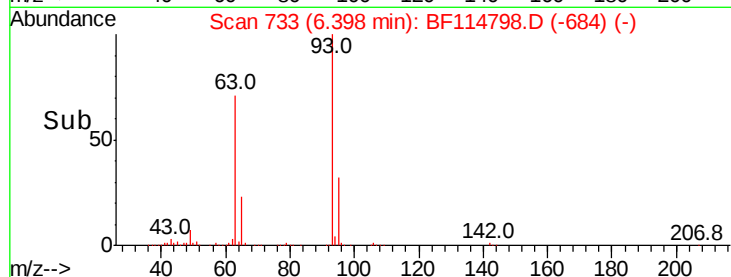
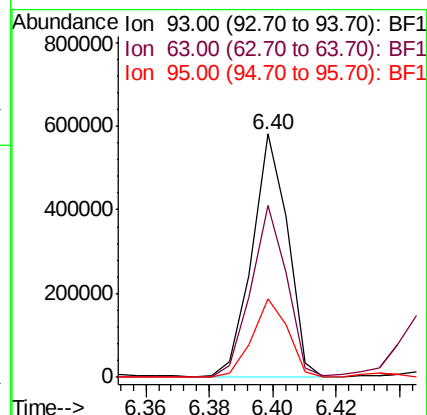
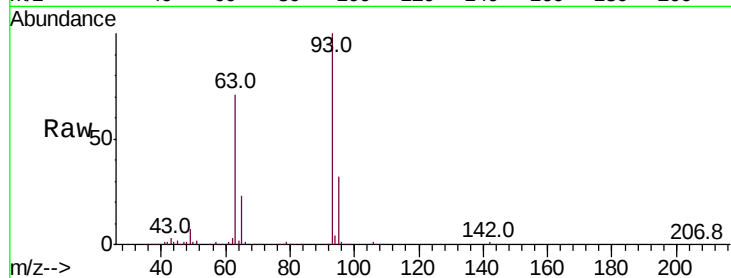
#11
bis(2-Chloroethyl)ether
Concen: 42.656 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.7	49.6	89.6
95	32.2	13.6	53.6

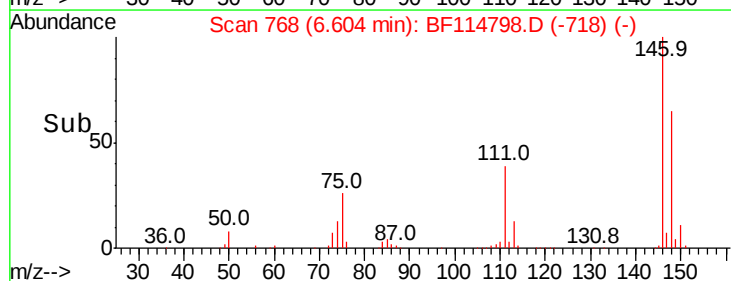
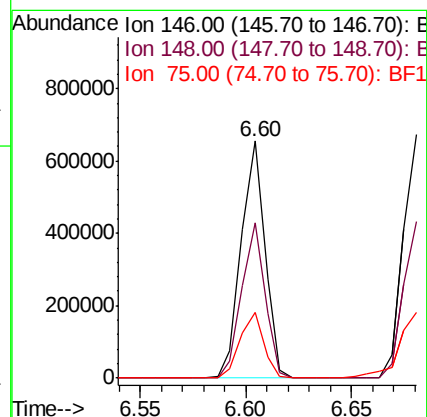
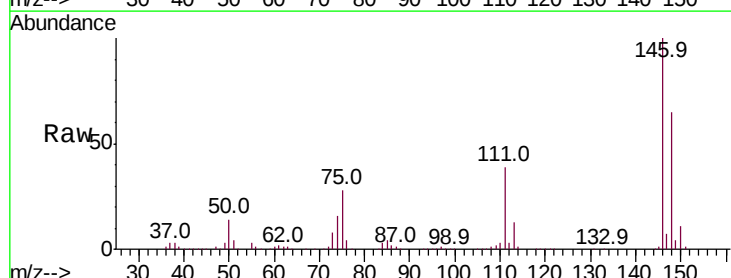
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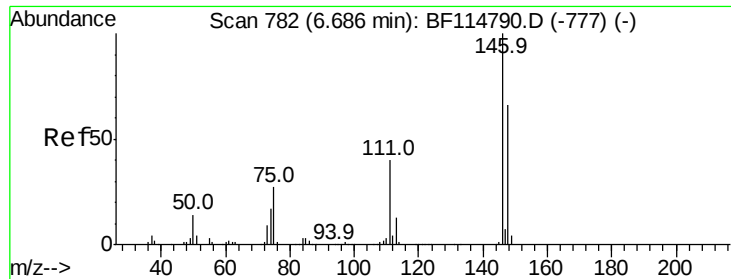
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.952 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.7	79.1
75	27.6	22.0	33.0





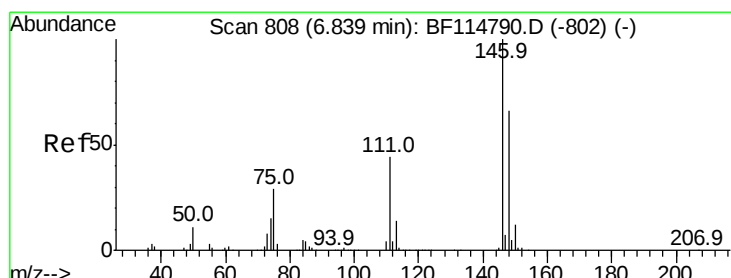
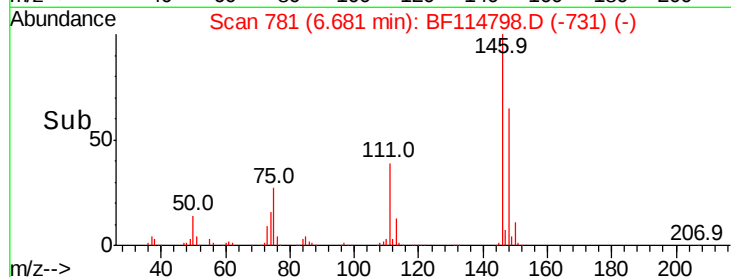
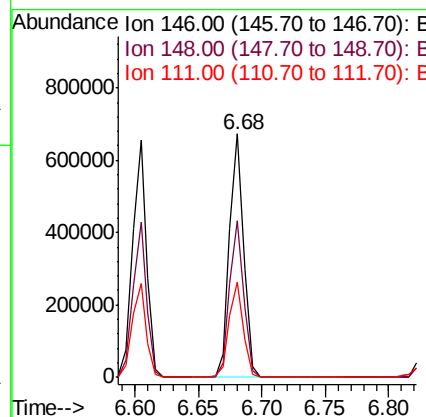
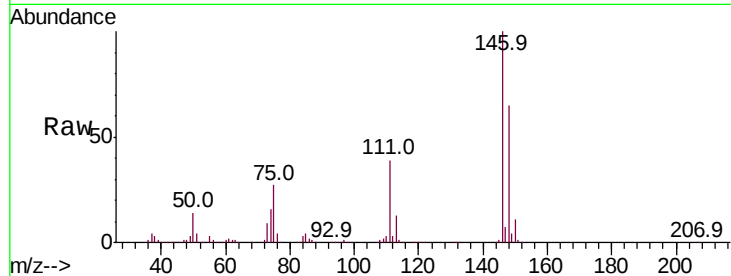
#13
1,4-Dichlorobenzene
Concen: 39.792 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.0	79.4
111	39.0	32.2	48.4

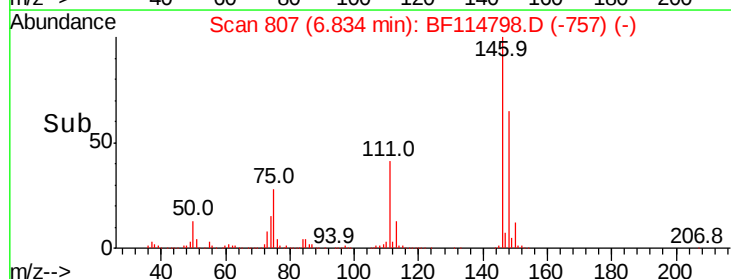
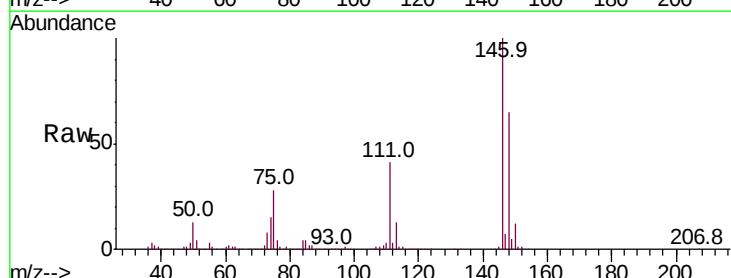
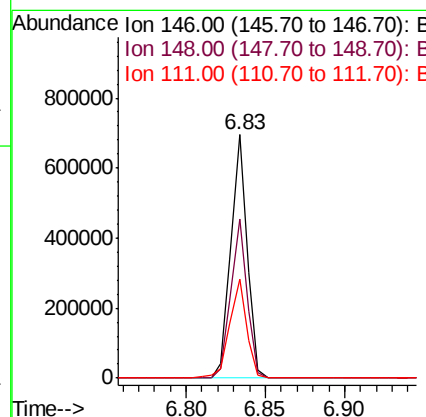
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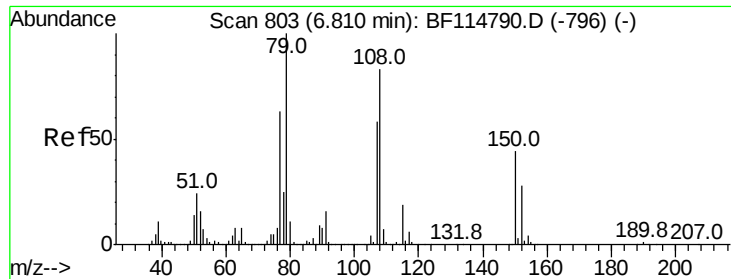
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.748 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.5	78.7
111	40.9	34.8	52.2





#15

Benzyl Alcohol

Concen: 44.449 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

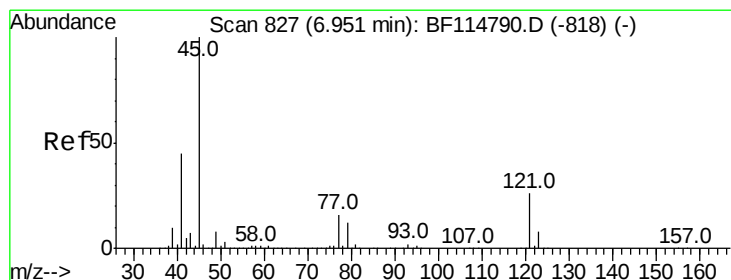
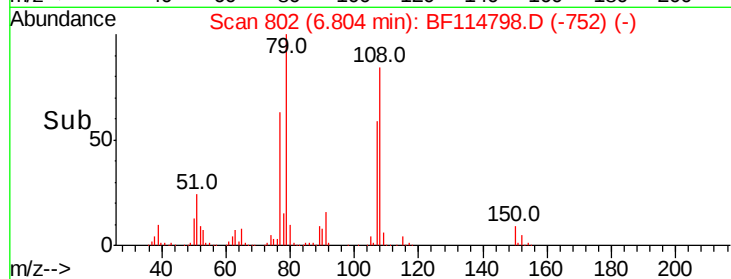
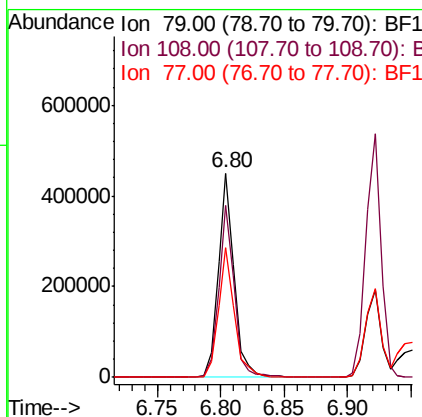
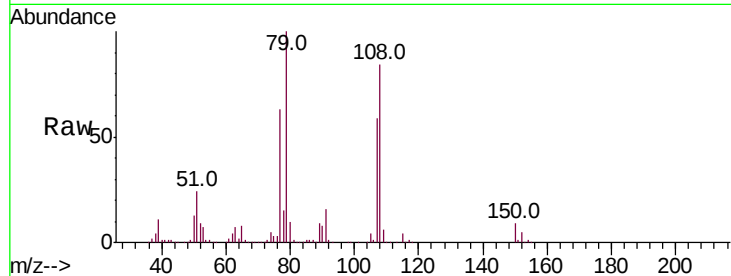
ClientSampleId :

CL-02-053119-AMSD

Tot Ion:	79	Resp:	397477
Ion Ratio	Lower	Upper	
79	100		
108	84.3	66.8	100.2
77	63.3	50.6	76.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.472 ng

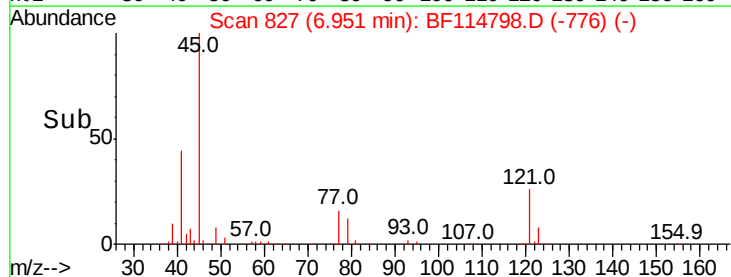
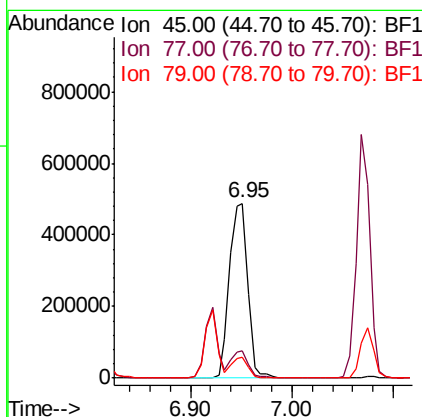
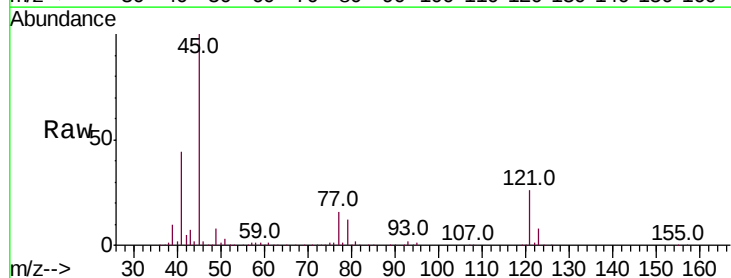
RT: 6.95 min Scan# 827

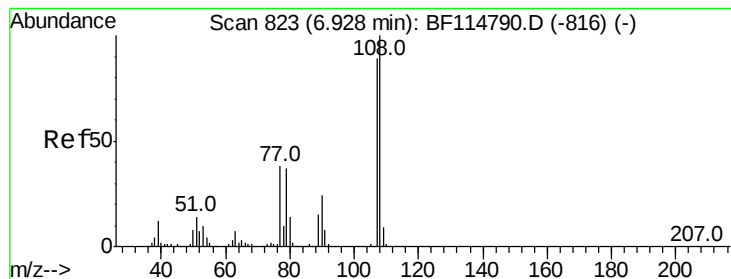
Delta R.T. 0.00 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Tgt Ion:	45	Resp:	610871
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	35.8
79	12.1	0.0	32.0





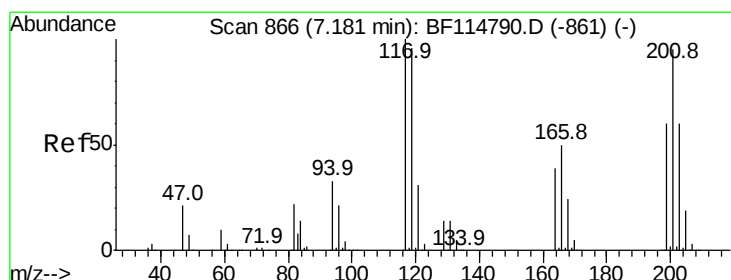
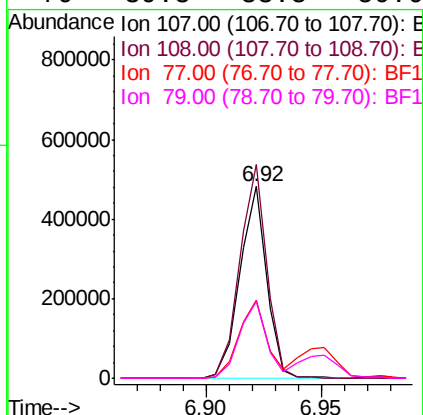
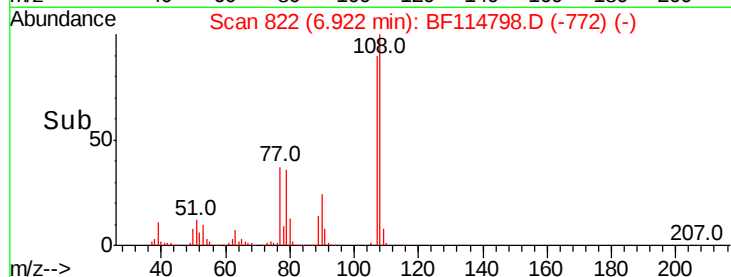
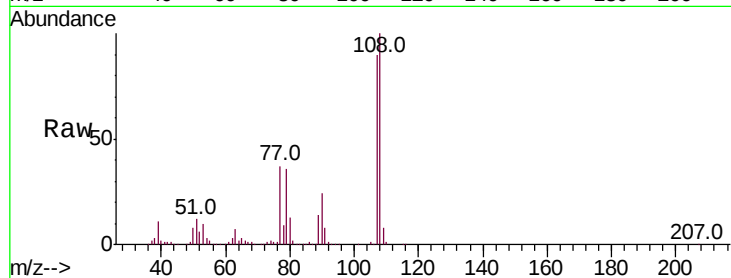
#17
2-Methylphenol
Concen: 40.609 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	90.2	135.2	
77	40.8	34.5	51.7	
79	39.8	33.8	50.6	

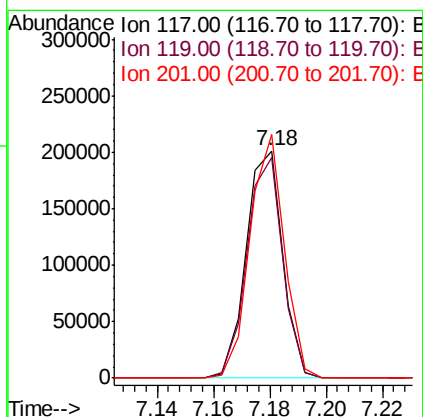
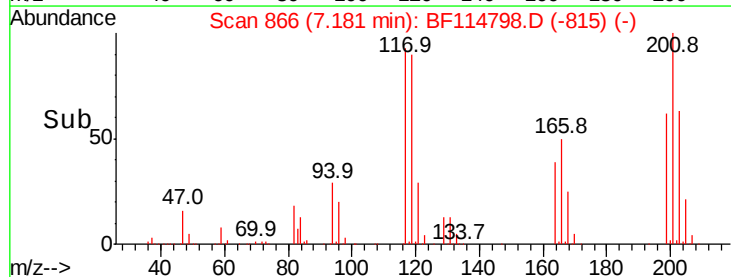
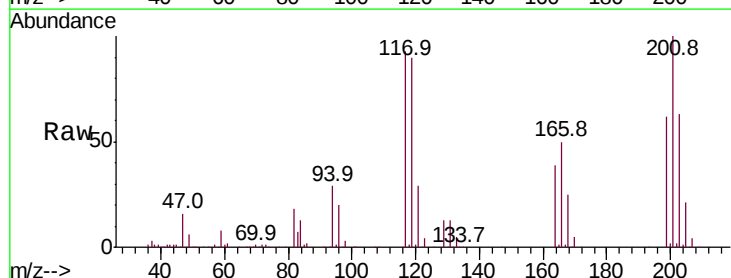
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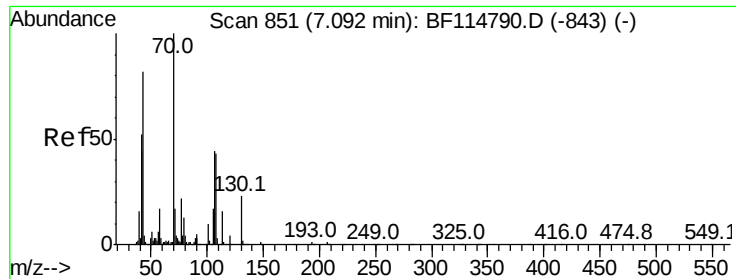
mohammad
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#18
Hexachloroethane
Concen: 36.408 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	77.0	115.4	
201	107.1	76.0	114.0	





#19

n-Nitroso-di-n-propylamine

Concen: 41.062 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

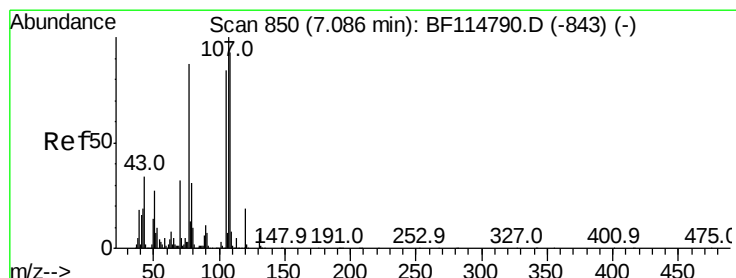
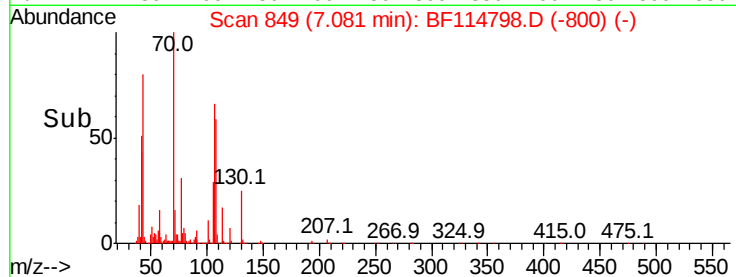
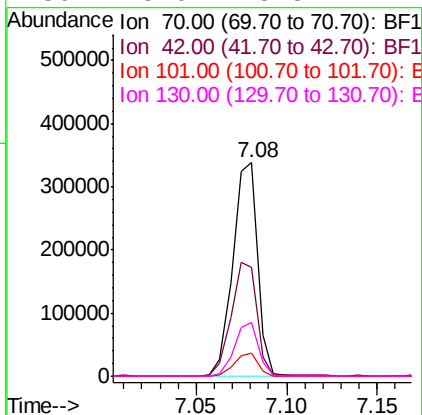
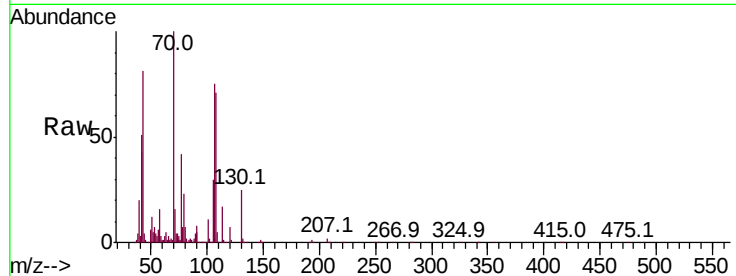
ClientSampleId :

CL-02-053119-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.8	41.8	62.8	
101	10.9	8.2	12.4	
130	25.0	18.5	27.7	

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#20

3+4-Methylphenols

Concen: 45.255 ng

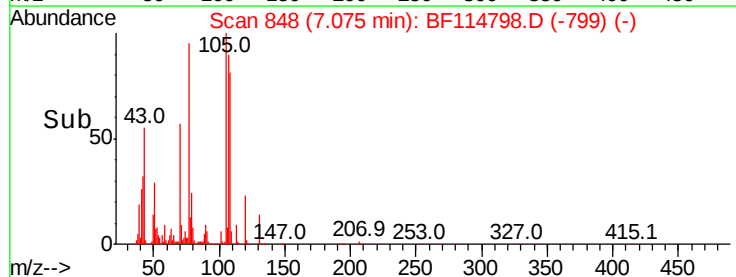
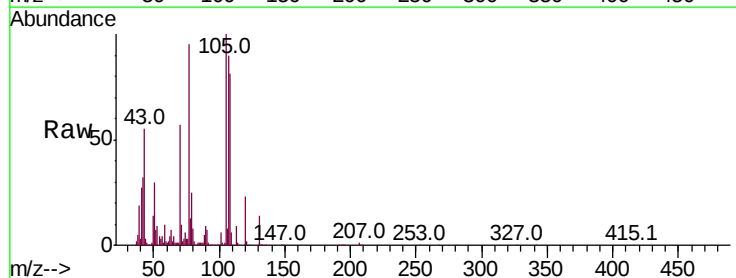
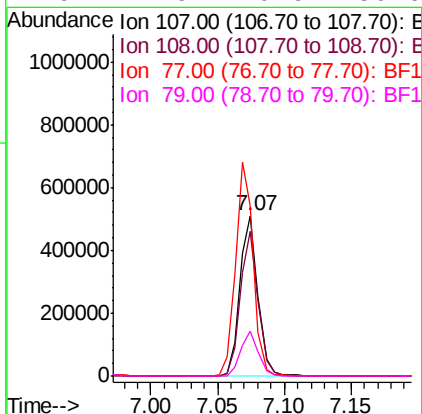
RT: 7.07 min Scan# 848

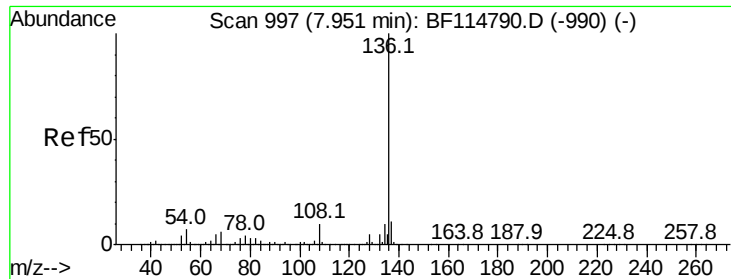
Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	73.5	113.5	
77	105.9	67.2	107.2	
79	27.6	10.6	50.6	





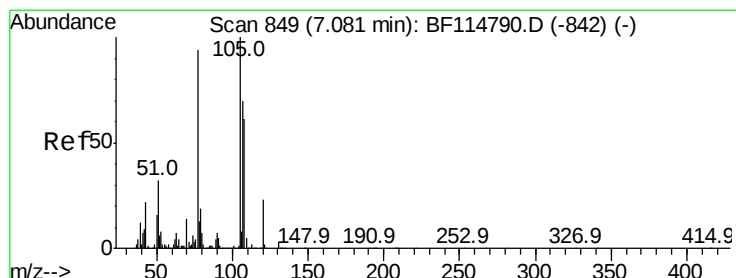
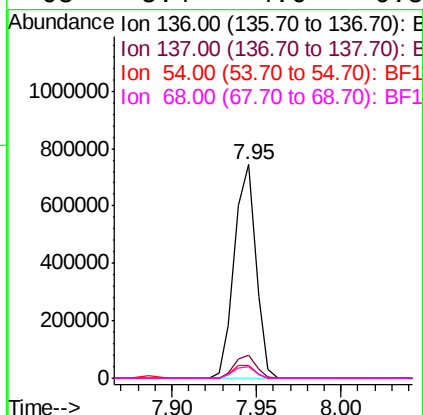
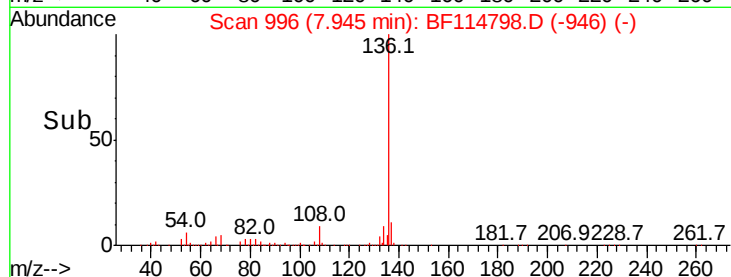
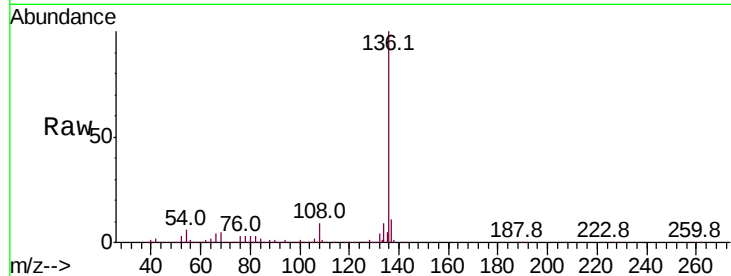
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	659519		
137	10.6		9.1	13.7
54	6.0		5.4	8.0
68	5.4		4.6	6.8

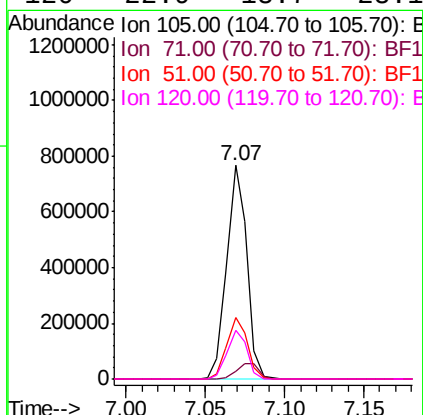
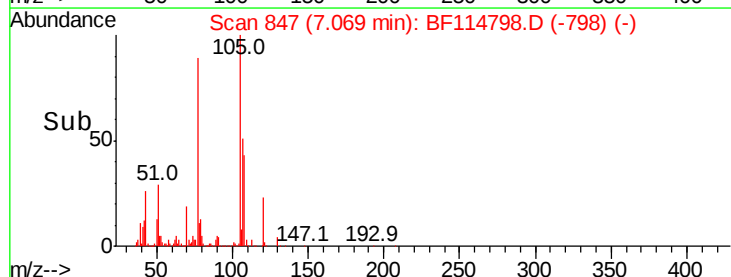
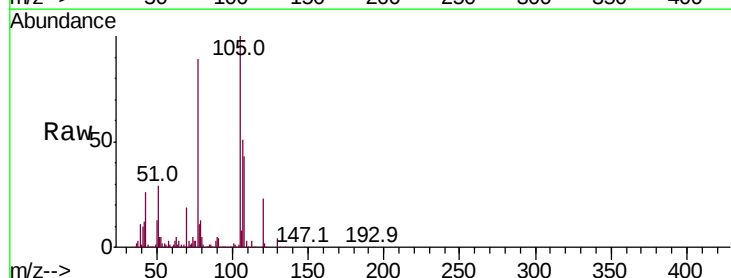
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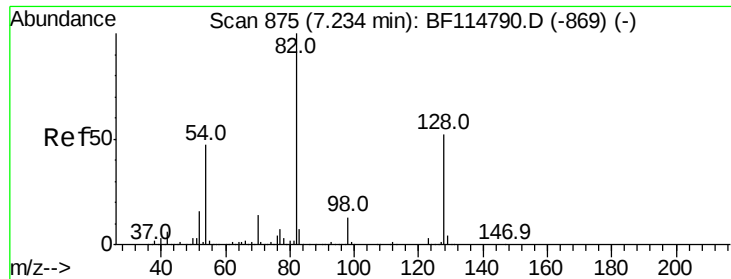
mohammad
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#22
Acetophenone
Concen: 46.375 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	673370		
71	3.4		2.0	3.0#
51	28.9		25.4	38.0
120	22.9		18.7	28.1





#23

Nitrobenzene-d5

Concen: 88.558 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

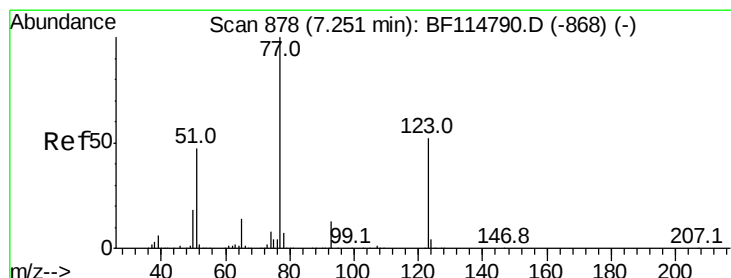
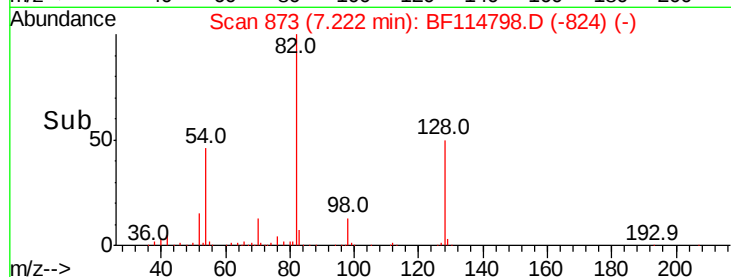
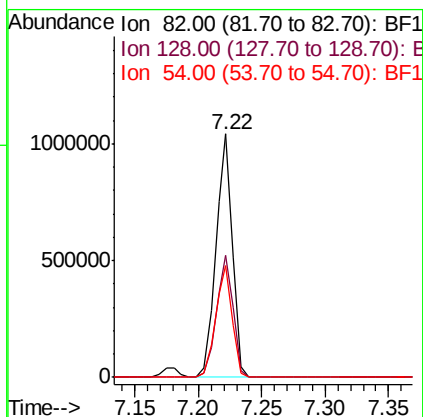
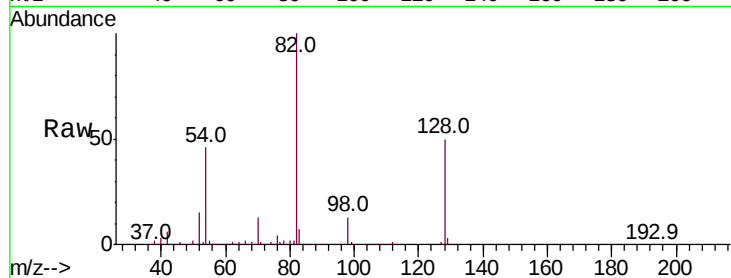
ClientSampleId :

CL-02-053119-AMSD

Tot Ion:	82	Resp:	948782
Ion Ratio	Lower	Upper	
82	100		
128	50.4	41.8	62.6
54	45.7	37.9	56.9

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#24

Nitrobenzene

Concen: 44.501 ng

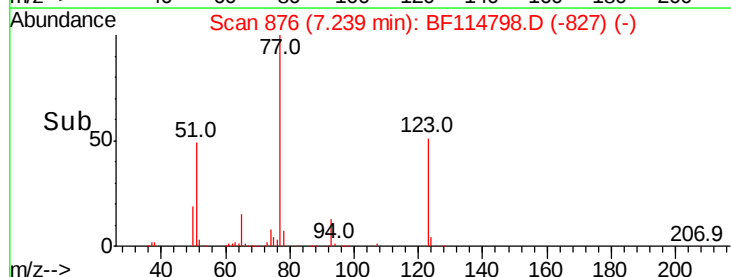
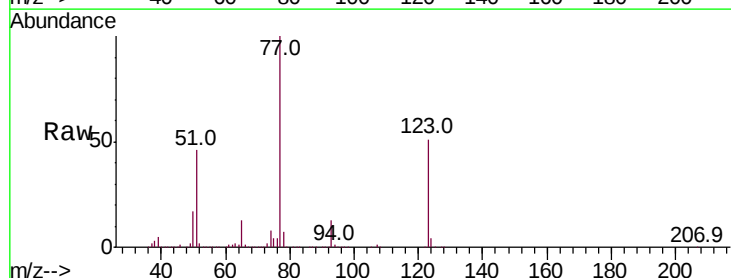
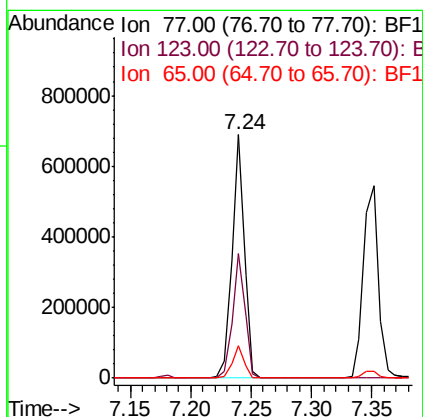
RT: 7.24 min Scan# 876

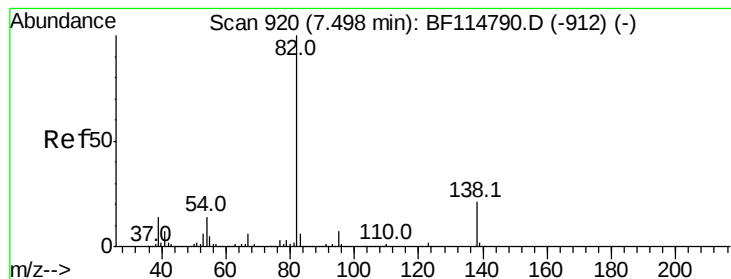
Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Tgt Ion:	77	Resp:	493924
Ion Ratio	Lower	Upper	
77	100		
123	51.2	41.5	62.3
65	13.4	10.8	16.2





#25

Isophorone

Concen: 42.171 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

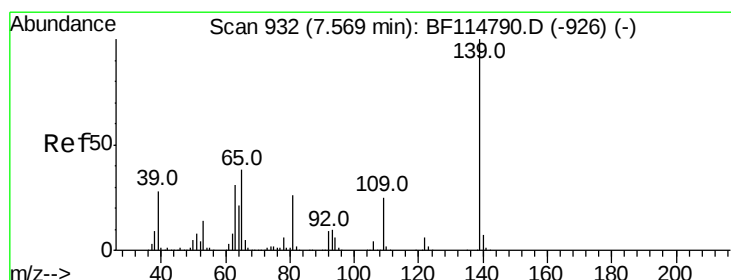
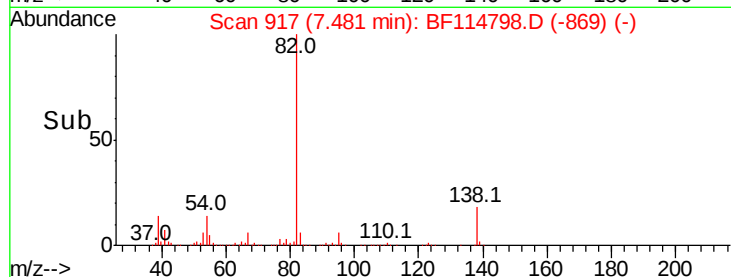
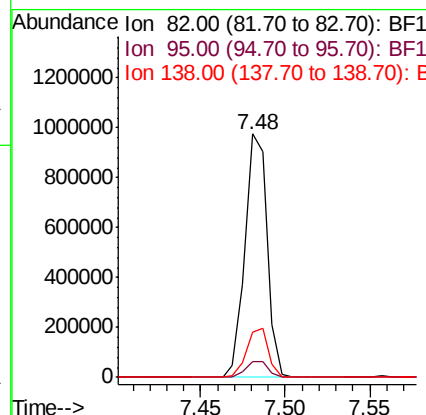
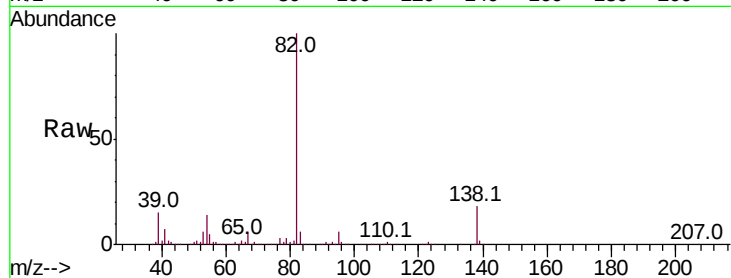
ClientSampleId :

CL-02-053119-AMSD

Tot Ion:	82	Resp:	893208
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.8	8.8
138	18.4	16.9	25.3

Manual Integrations
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mohammad
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#26

2-Nitrophenol

Concen: 44.563 ng

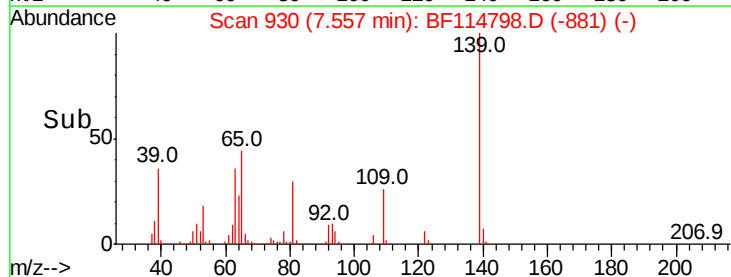
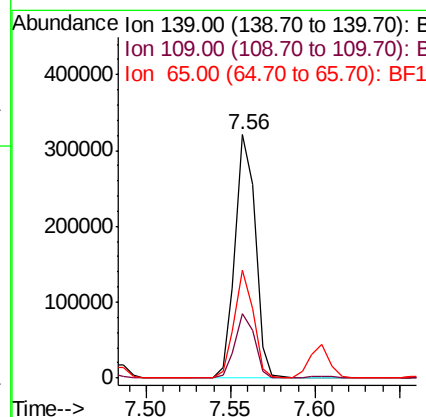
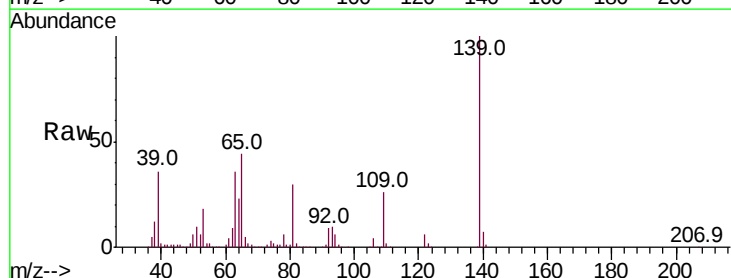
RT: 7.56 min Scan# 930

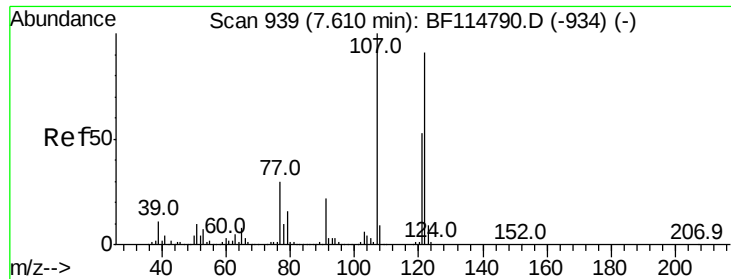
Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Tgt Ion:	139	Resp:	267886
Ion Ratio	Lower	Upper	
139	100		
109	26.4	20.4	30.6
65	44.3	30.5	45.7





#27

2,4-Dimethylphenol

Concen: 46.717 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

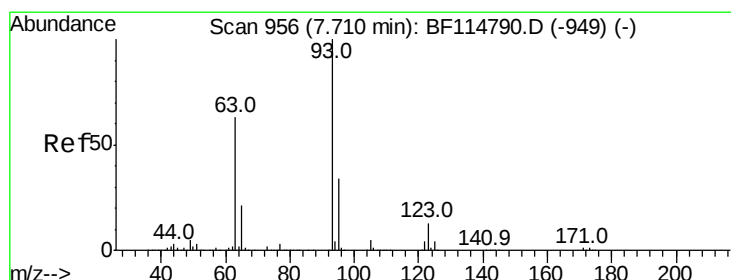
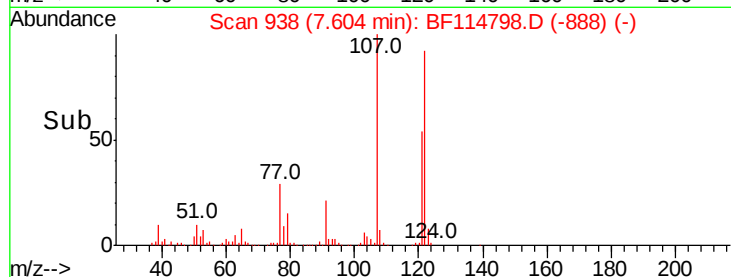
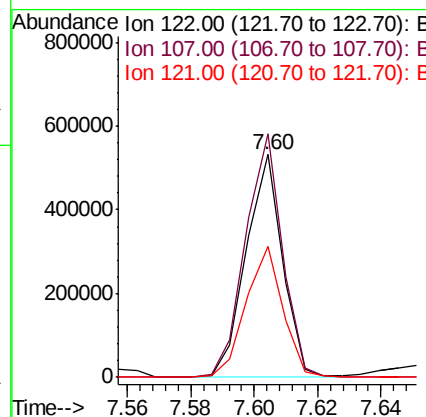
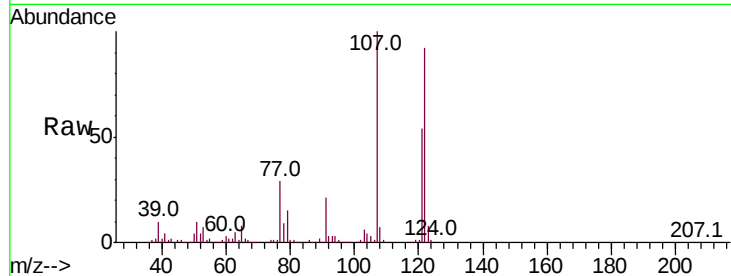
ClientSampleId :

CL-02-053119-AMSD

Tot Ion:	122	Resp:	426847
Ion Ratio	Lower	Upper	
122	100		
107	109.2	87.9	131.9
121	58.6	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 42.291 ng

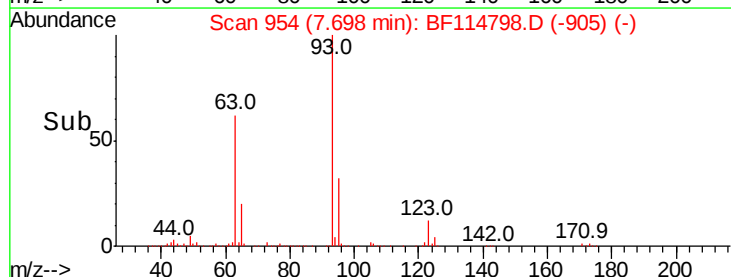
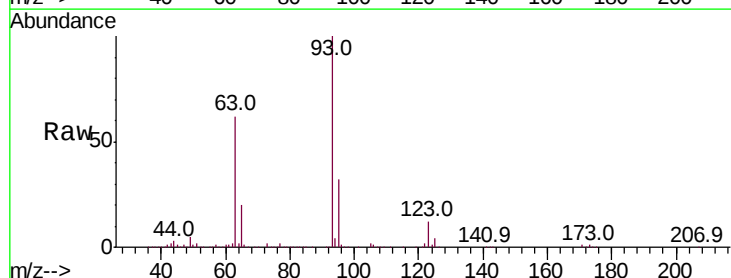
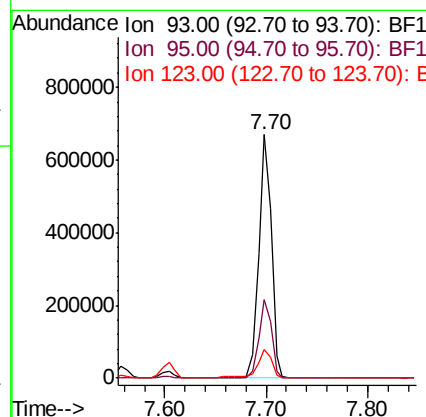
RT: 7.70 min Scan# 954

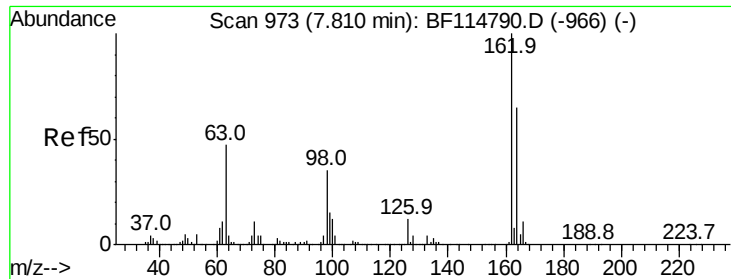
Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Tgt Ion:	93	Resp:	572584
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.9	40.3
123	11.9	10.4	15.6





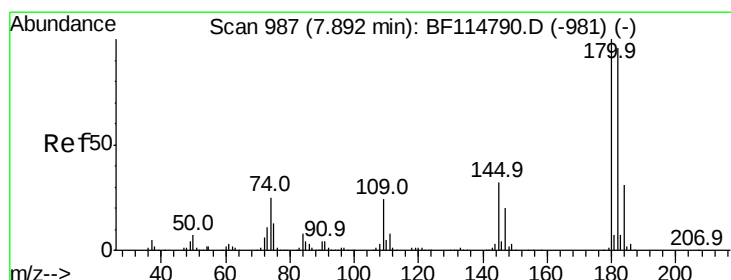
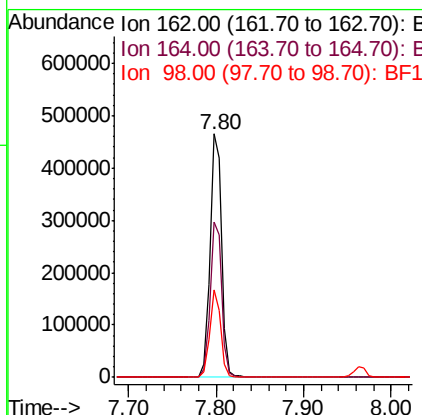
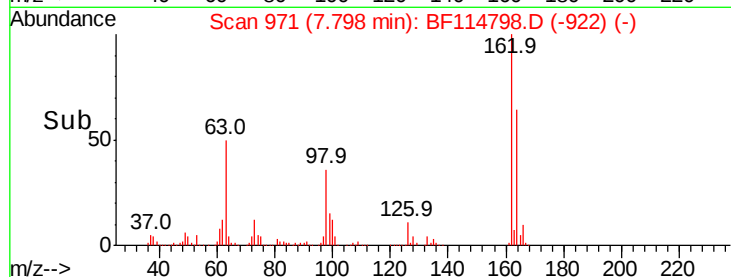
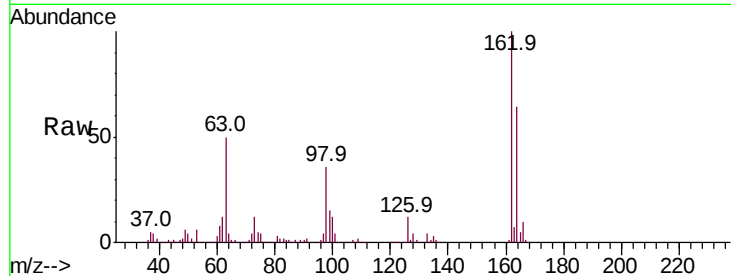
#29
2,4-Dichlorophenol
Concen: 44.484 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	427608		
164	63.7	45.1	85.1	
98	35.9	14.6	54.6	

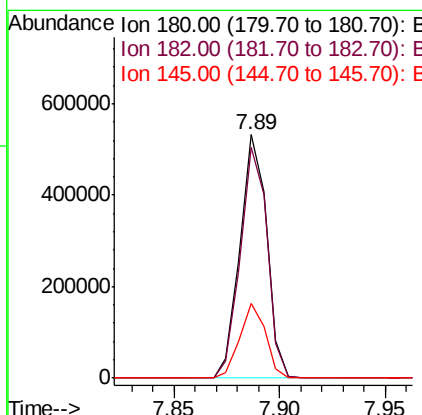
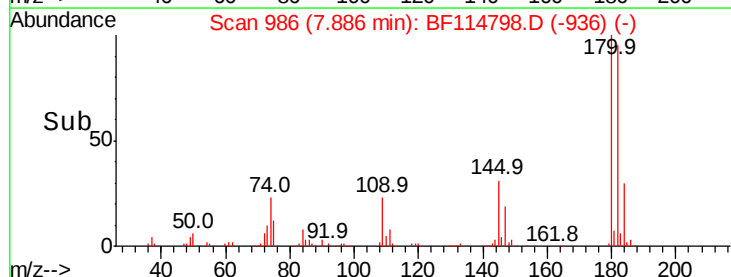
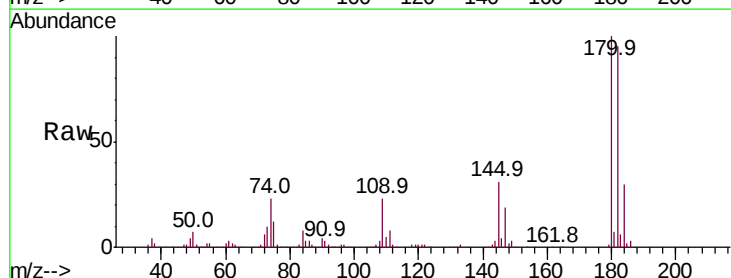
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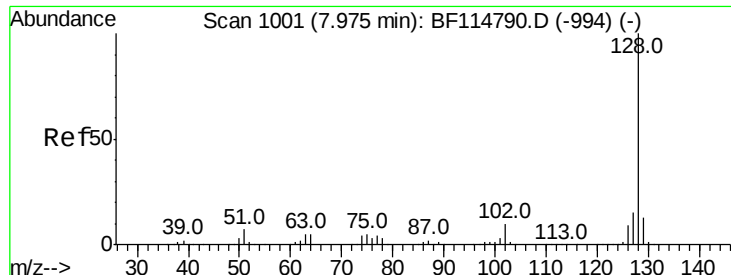
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#30
1,2,4-Trichlorobenzene
Concen: 42.386 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	467508		
182	95.0	76.5	114.7	
145	30.9	25.8	38.8	





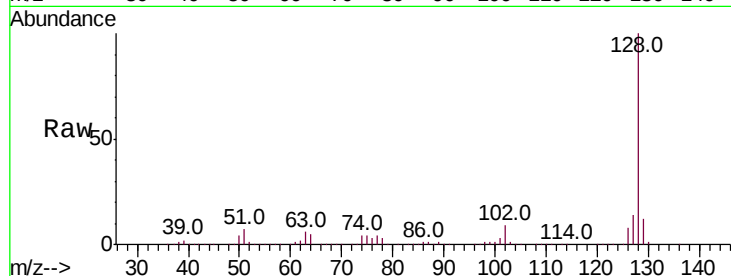
#31
Naphthalene
Concen: 48.349 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

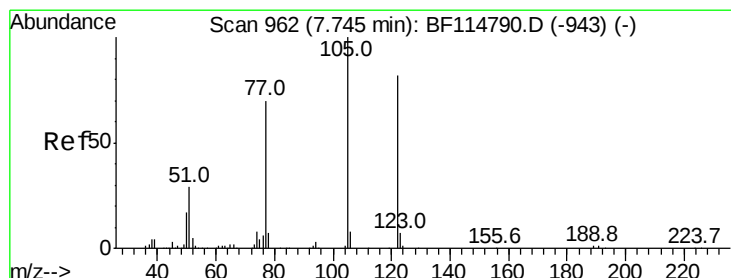
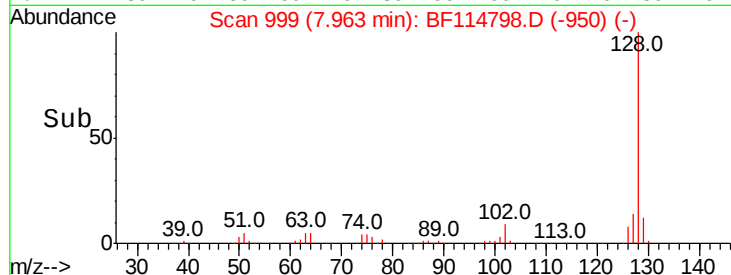
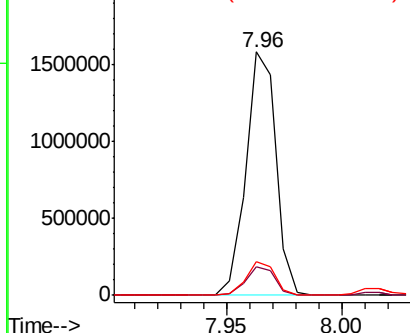
Tot Ion:128 Resp: 1435573
Ion Ratio Lower Upper
128 100
129 11.8 10.0 15.0
127 13.9 12.2 18.2

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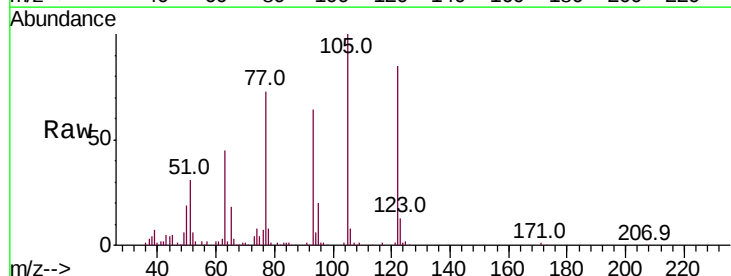


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

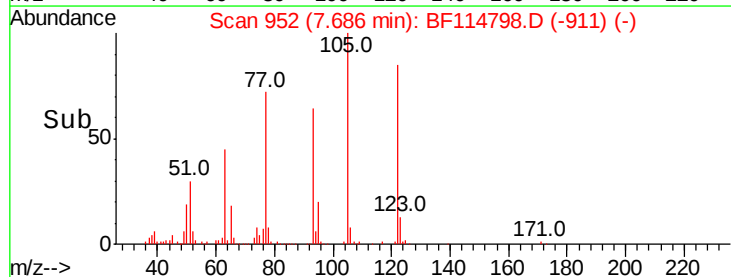
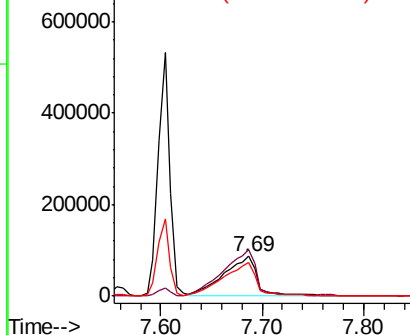


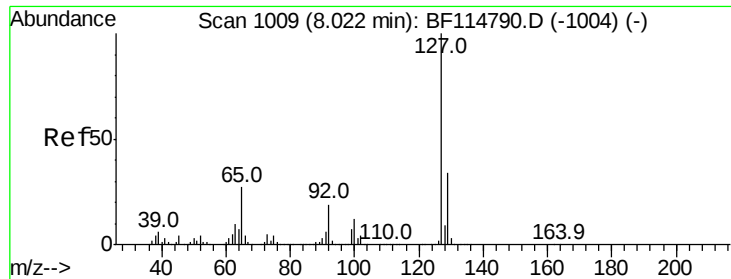
#32
Benzoic acid
Concen: 29.338 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.06 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion:122 Resp: 195231
Ion Ratio Lower Upper
122 100
105 117.1 98.7 138.7
77 85.5 64.8 104.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





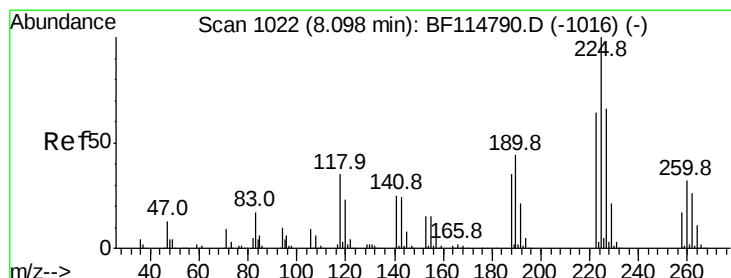
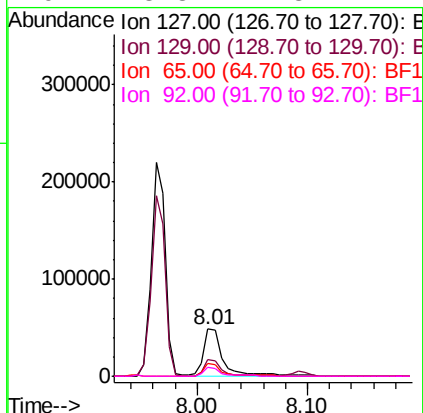
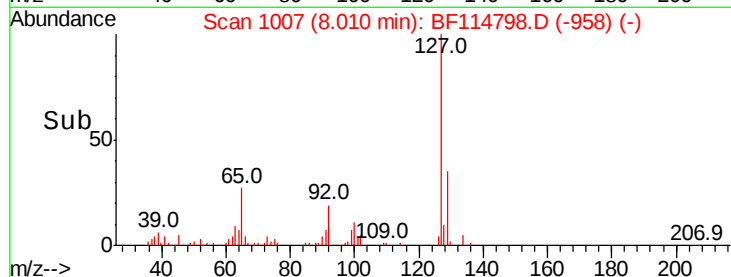
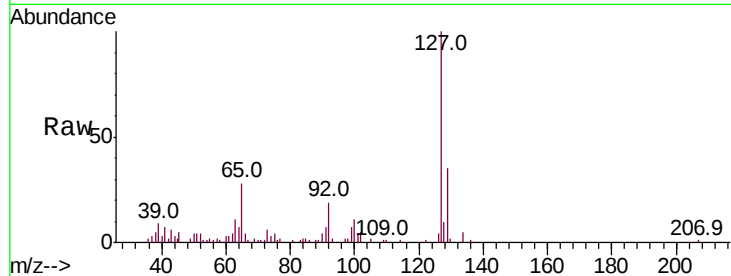
#33
4-Chloroaniline
Concen: 4.122 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.5	26.9	40.3	
65	28.2	21.7	32.5	
92	18.8	14.8	22.2	

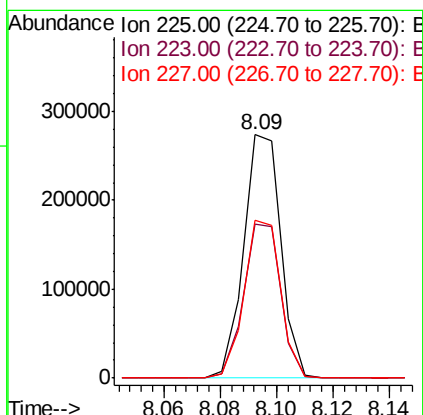
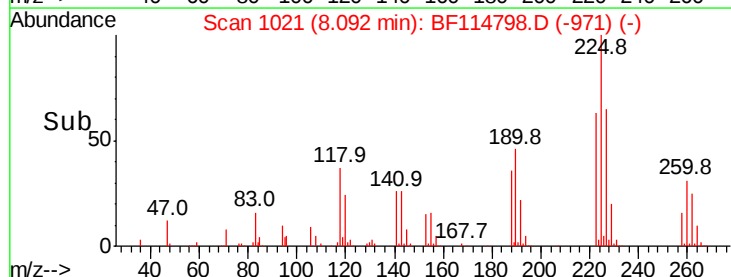
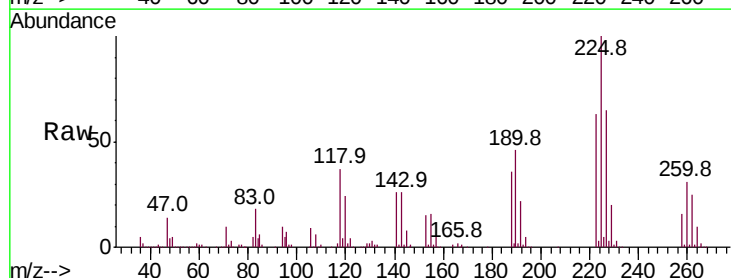
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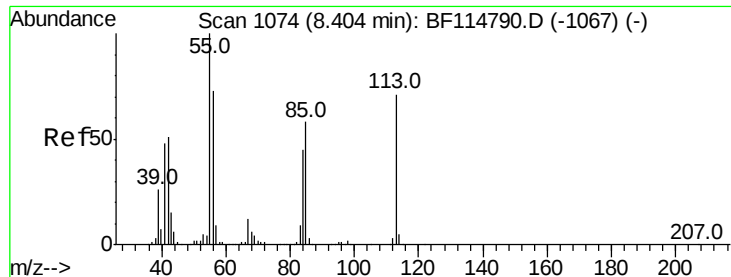
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#34
Hexachlorobutadiene
Concen: 39.745 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	51.0	76.6	
227	64.9	52.6	78.8	





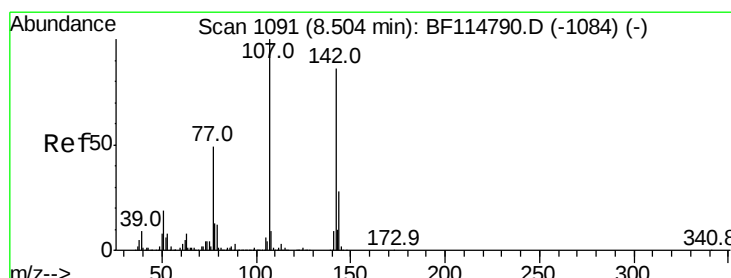
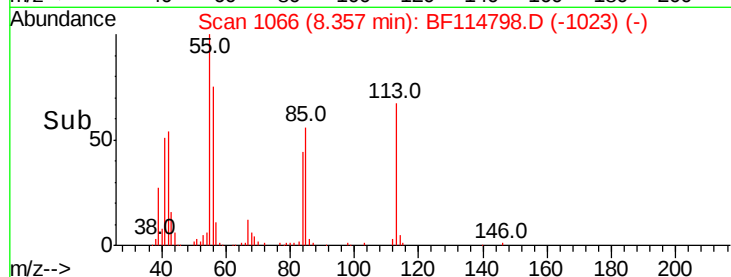
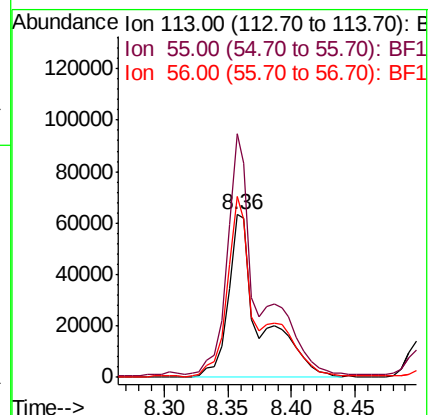
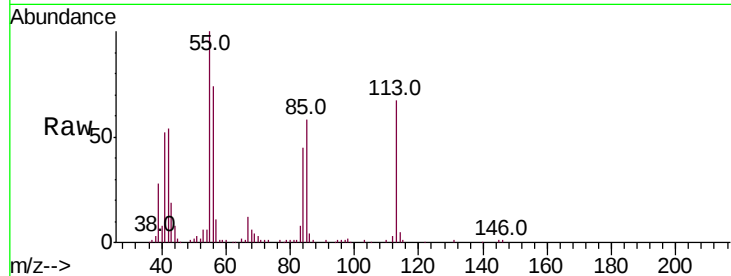
#35
Caprolactam
Concen: 36.040 ng/ml
RT: 8.36 min Scan# 1066
Delta R.T. -0.05 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	150.0	121.1	161.1
56	111.3	82.6	122.6

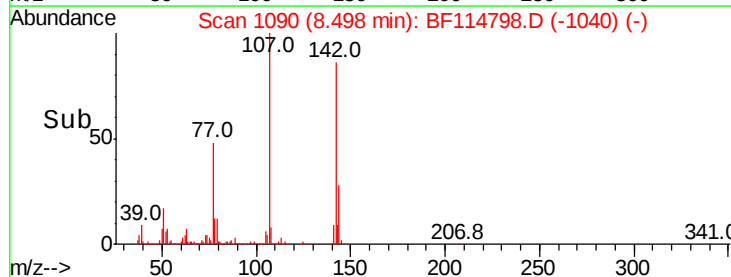
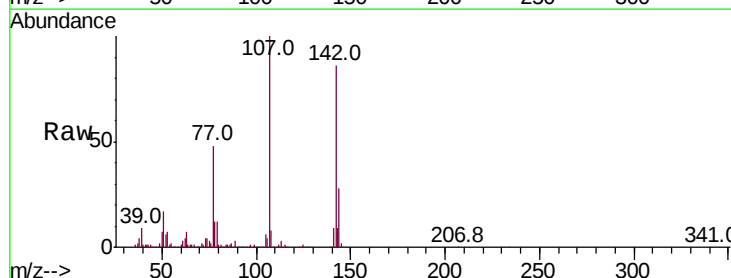
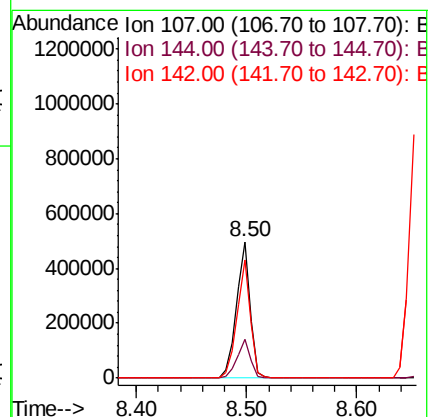
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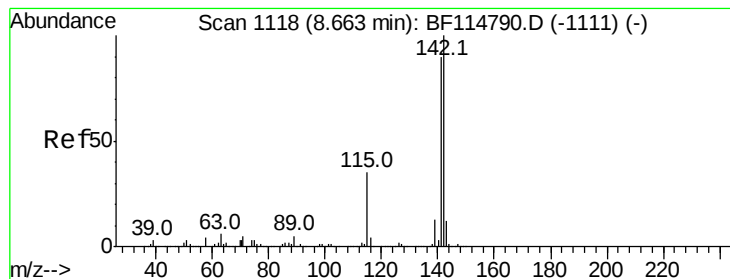
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#36
4-Chloro-3-methylphenol
Concen: 45.539 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.1	22.1	33.1
142	86.2	68.4	102.6





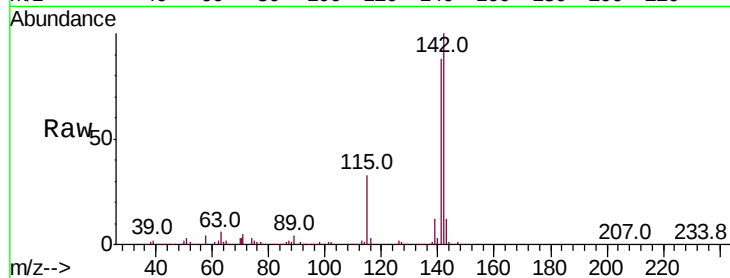
#37
2-Methylnaphthalene
Concen: 48.052 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	989610		
141	88.0	71.6	107.4	
115	32.5	28.2	42.4	

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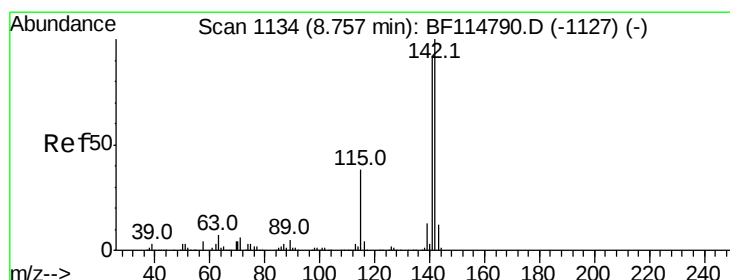
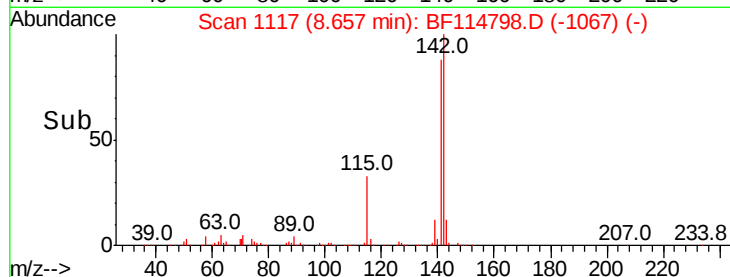
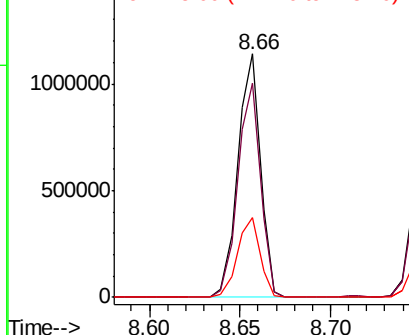


Abundance

Ion 142.00 (141.70 to 142.70): E

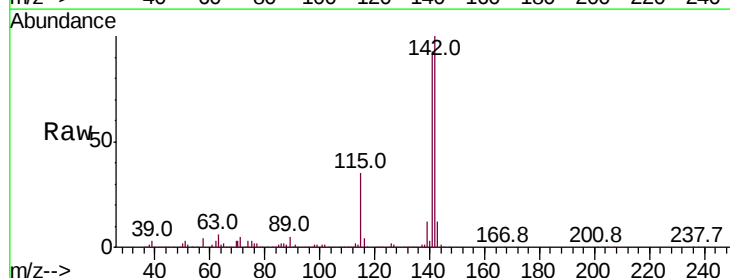
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.110 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	939625		
141	93.3	73.8	110.6	
116	3.8	3.3	4.9	

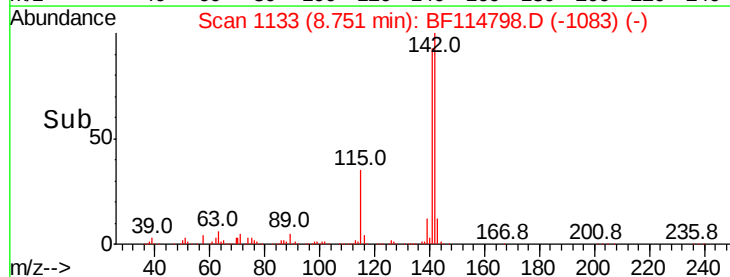
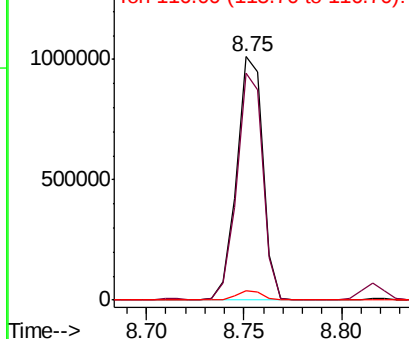


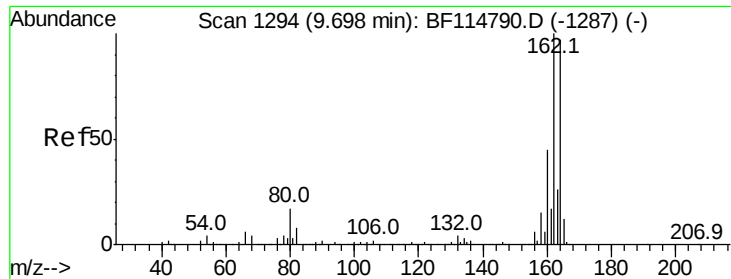
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





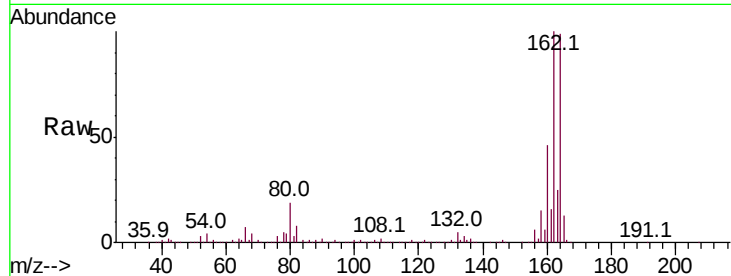
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

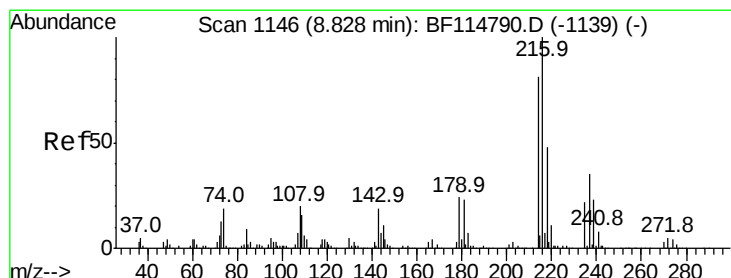
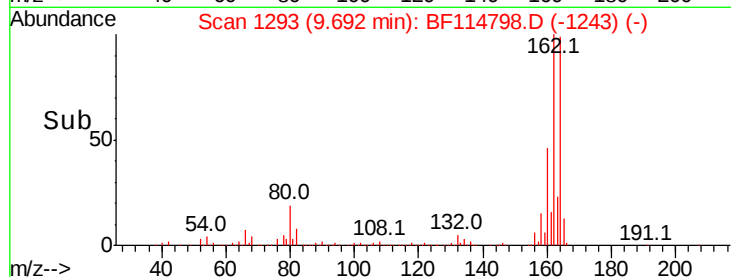
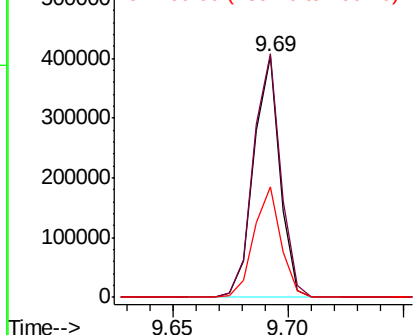
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.3	123.5
160	46.2	36.7	55.1

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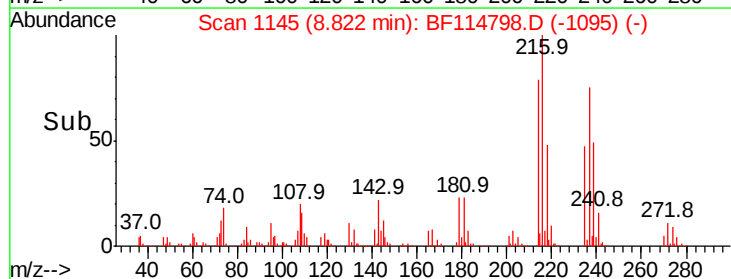
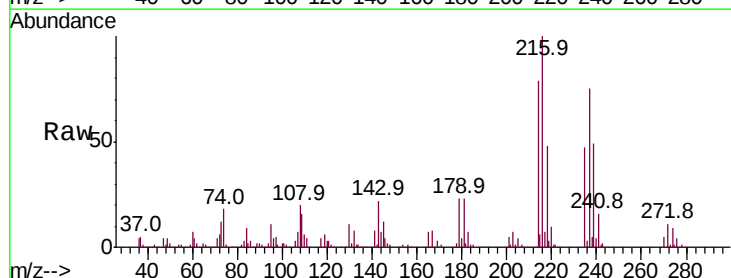
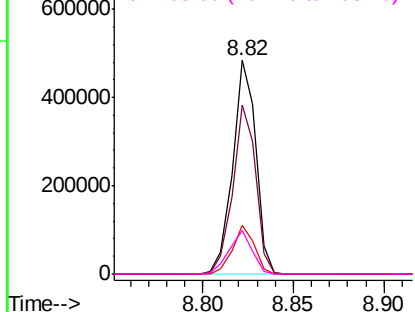
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

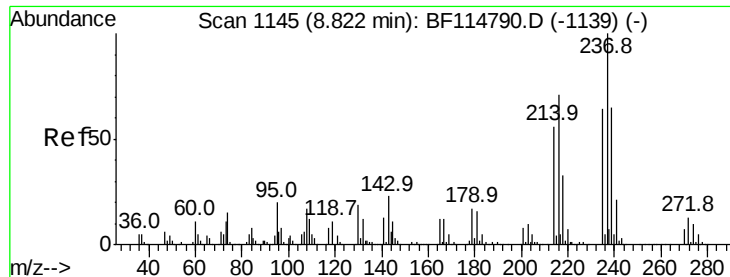


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.327 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.2
179	21.9	18.3	27.5
108	20.6	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: 78.808 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

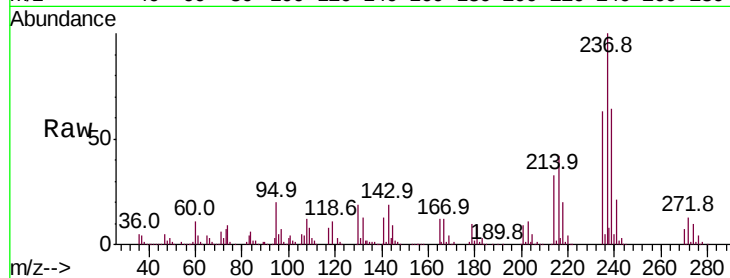
ClientSampleId :

CL-02-053119-AMSD

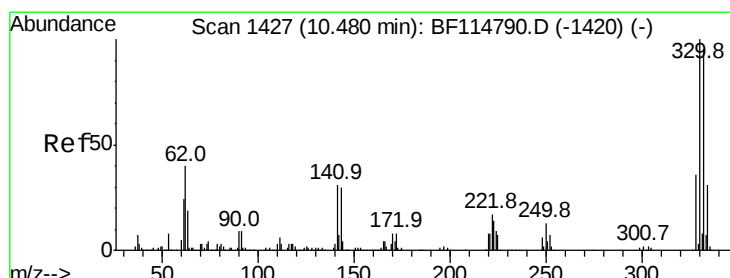
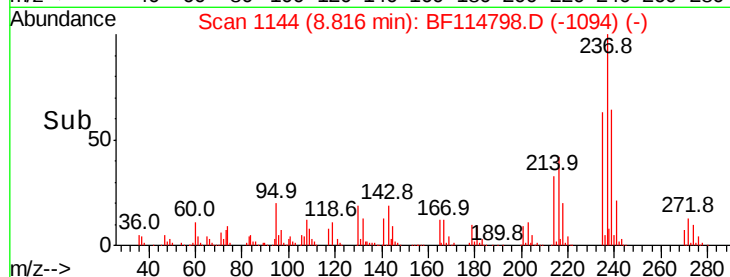
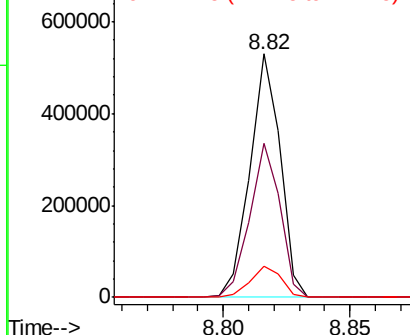
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.1	44.0	84.0	
272	12.9	0.0	33.4	

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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: 143.129 ng

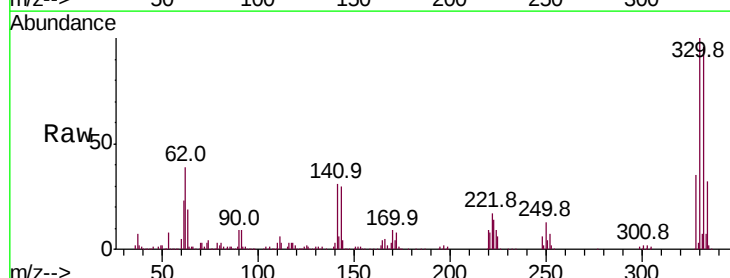
RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

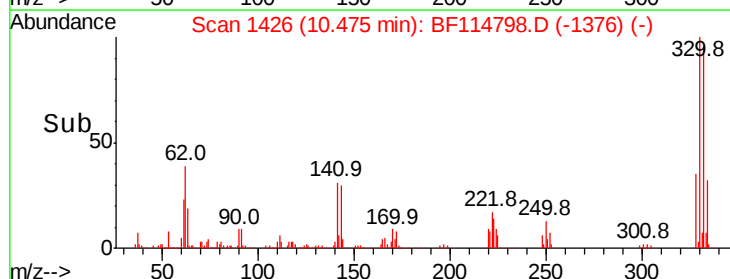
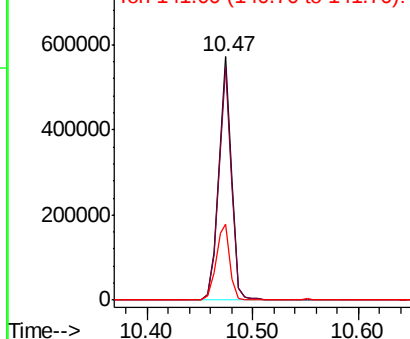
Lab File: BF114798.D

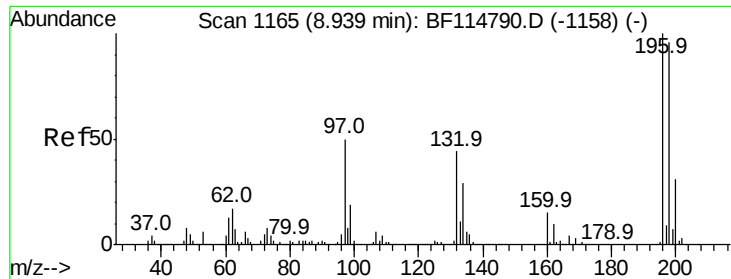
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.3	115.9	
141	33.7	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





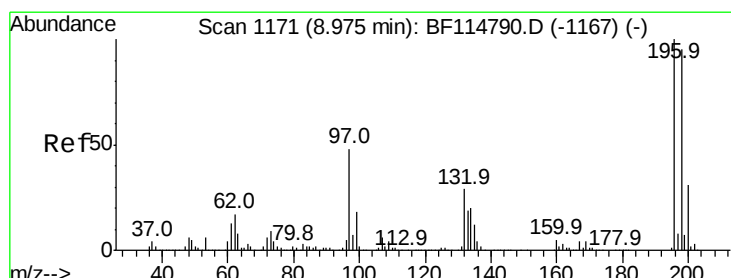
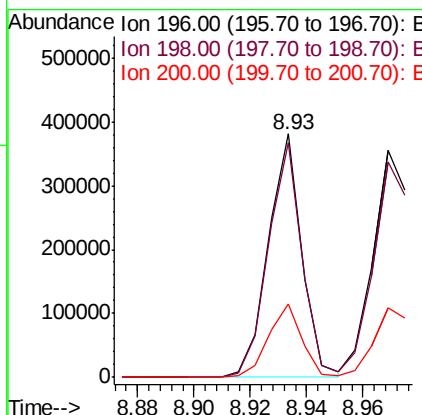
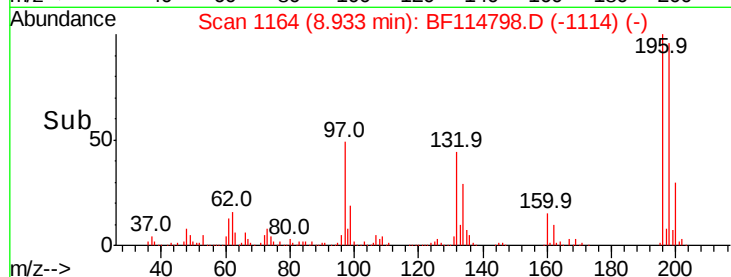
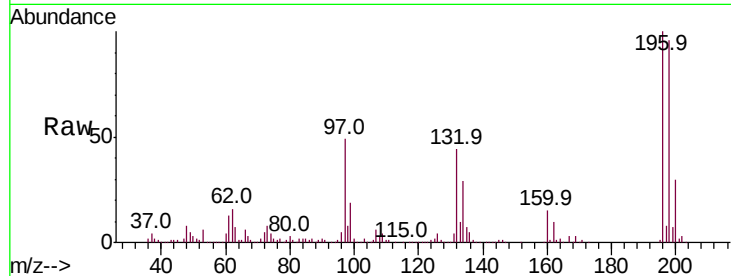
#43
 2,4,6-Trichlorophenol
 Concen: 43.406 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

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

Tot Ion:	196	Resp:	312354
Ion Ratio	Lower	Upper	
196	100		
198	96.1	77.1	115.7
200	30.4	24.6	36.8

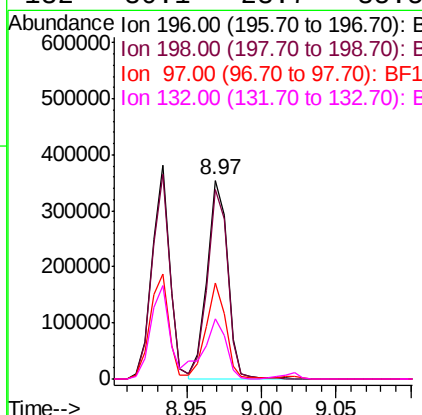
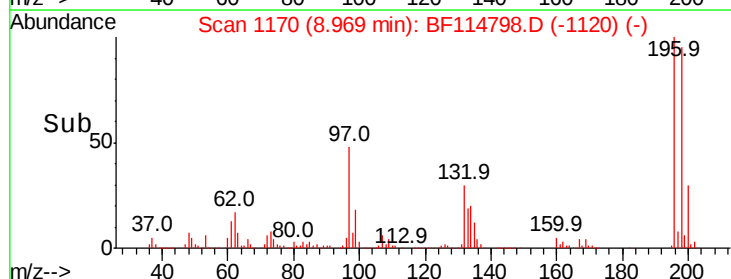
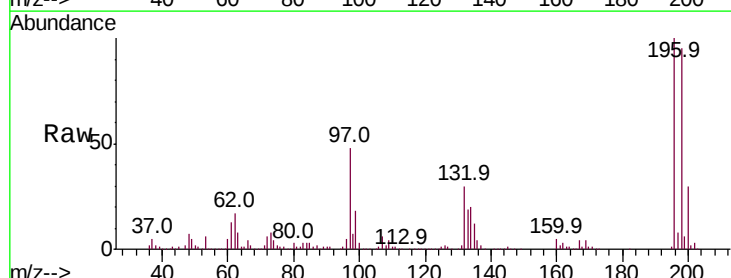
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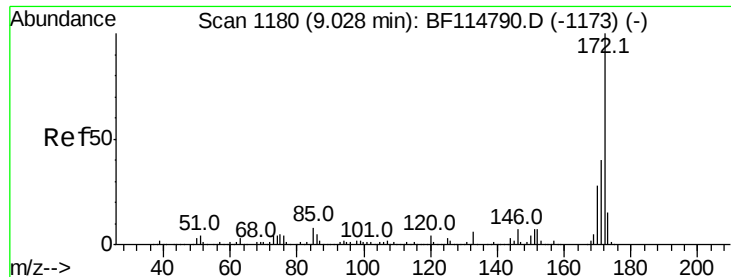
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#44
 2,4,5-Trichlorophenol
 Concen: 46.358 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Tgt Ion:	196	Resp:	335964
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.2	114.4
97	48.4	38.2	57.4
132	30.1	23.7	35.5





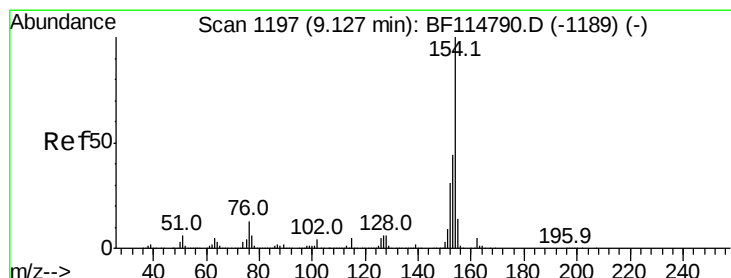
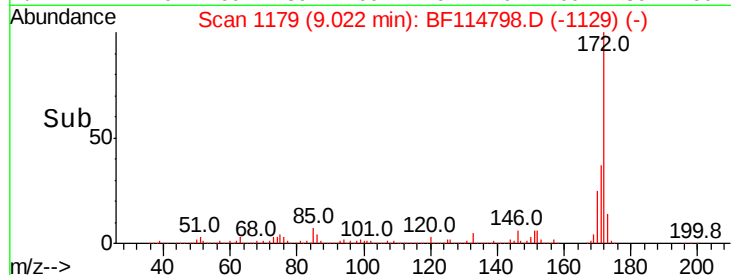
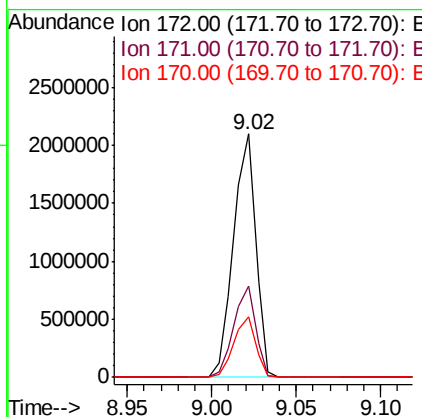
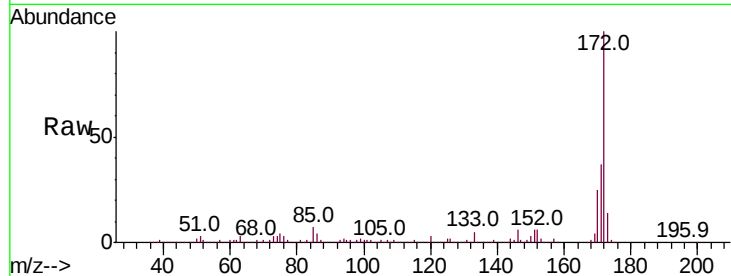
#45
2-Fluorobiphenyl
Concen: 112.769 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion:172 Resp: 1933126
Ion Ratio Lower Upper
172 100
171 37.3 32.3 48.5
170 25.0 22.4 33.6

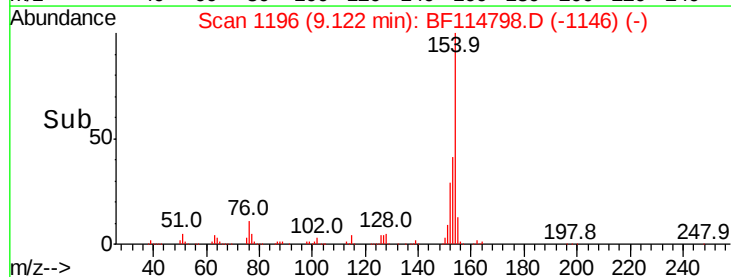
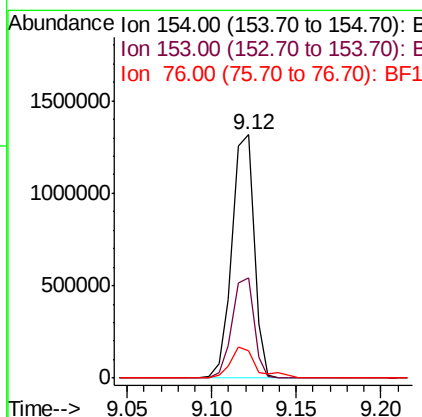
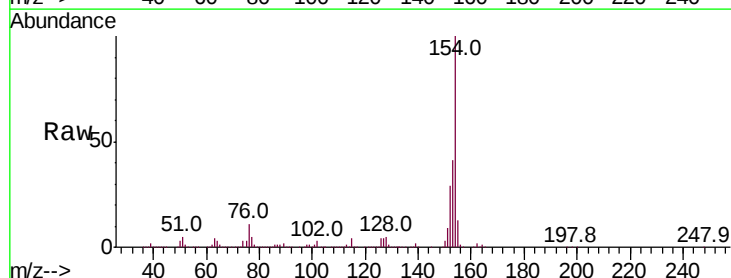
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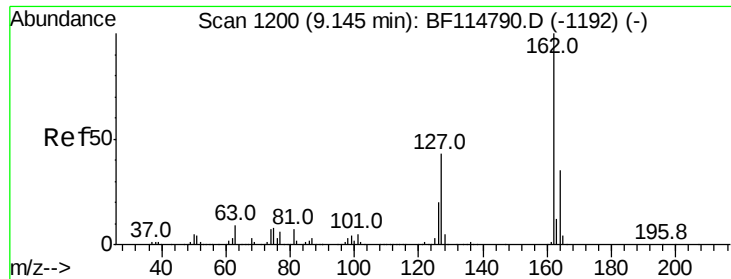
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#46
1,1'-Biphenyl
Concen: 50.311 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion:154 Resp: 1197397
Ion Ratio Lower Upper
154 100
153 41.3 23.9 63.9
76 11.2 0.0 33.2





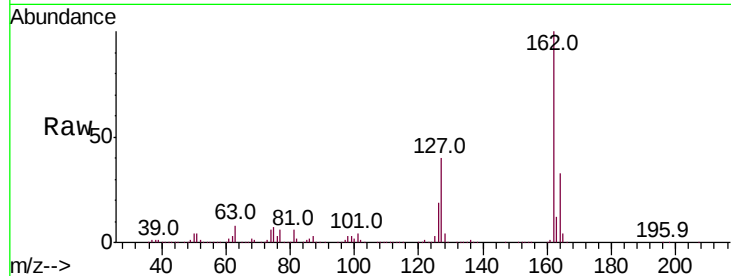
#47
2-Chloronaphthalene
Concen: 46.569 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

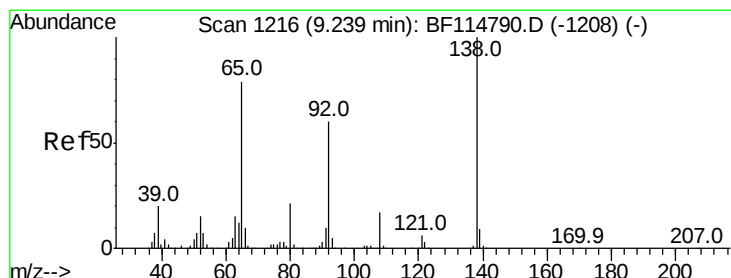
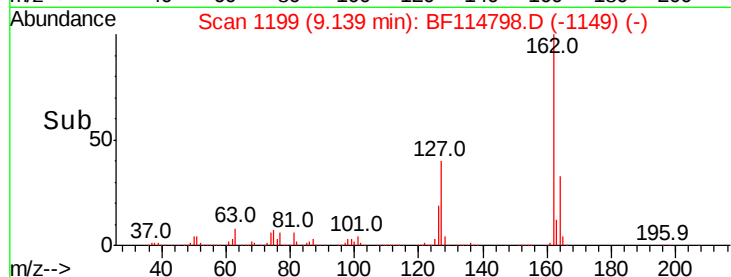
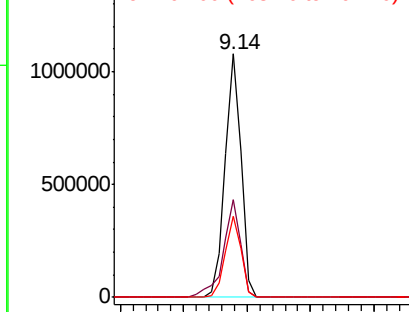
Tot Ion	Ratio	Resp	Lower	Upper
162	100	941784		
127	39.9	34.6	51.8	
164	33.3	27.8	41.8	

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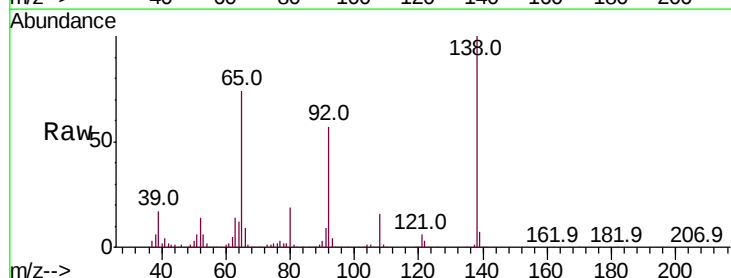


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

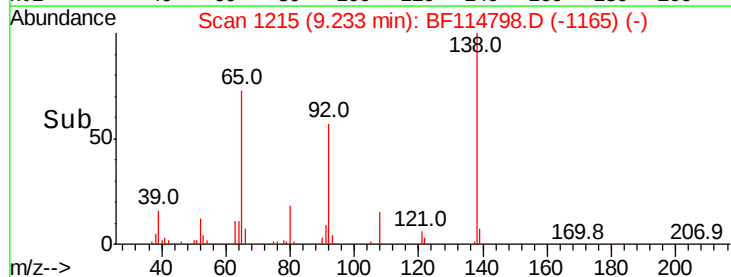
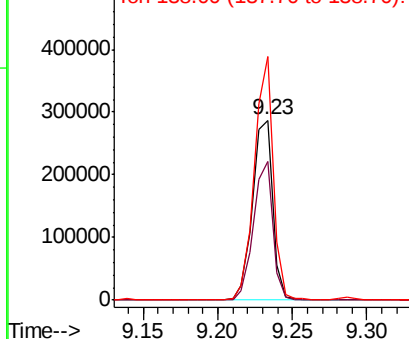


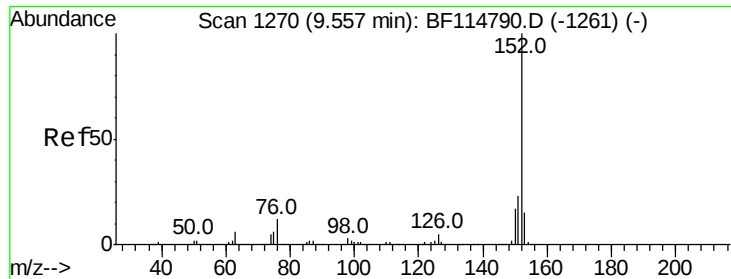
#48
2-Nitroaniline
Concen: 44.338 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	267585		
92	77.5	60.4	90.6	
138	135.5	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





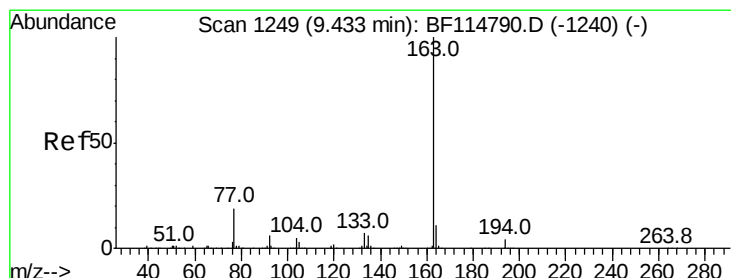
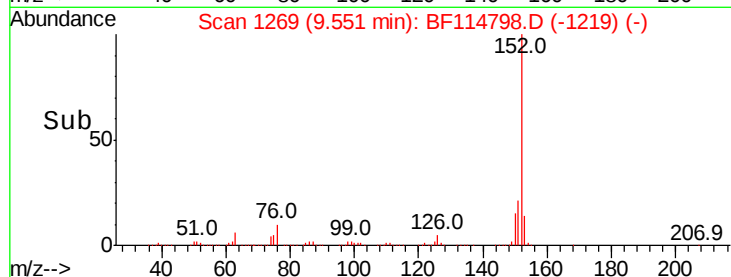
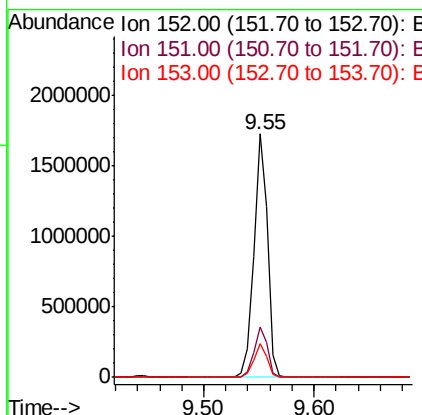
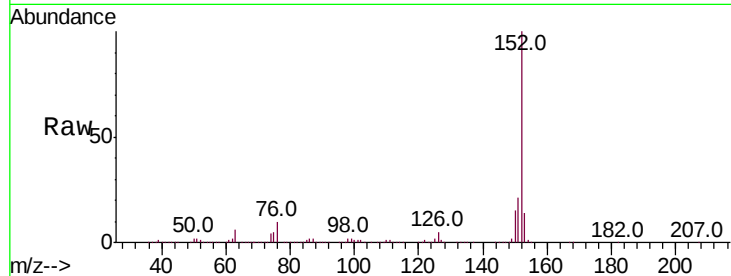
#49
Acenaphthylene
Concen: 50.754 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	18.3	27.5
153	14.0	12.3	18.5

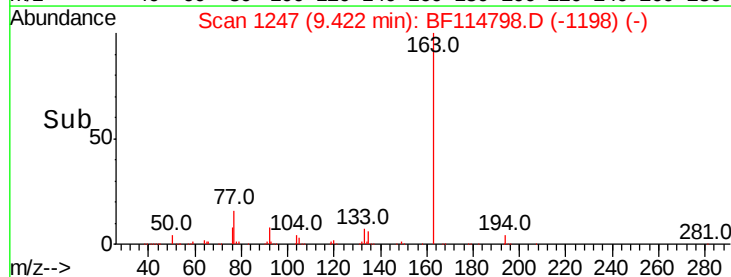
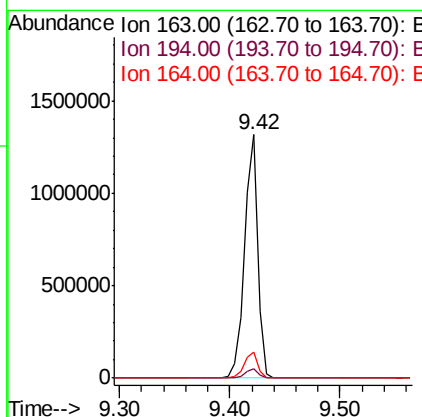
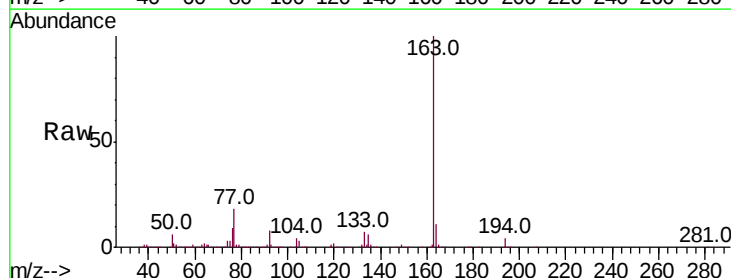
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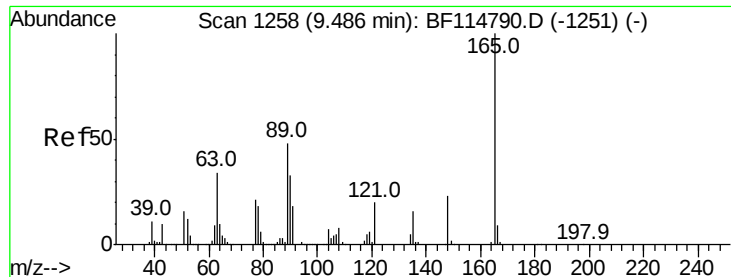
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#50
Dimethylphthalate
Concen: 47.106 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.6	8.6	13.0





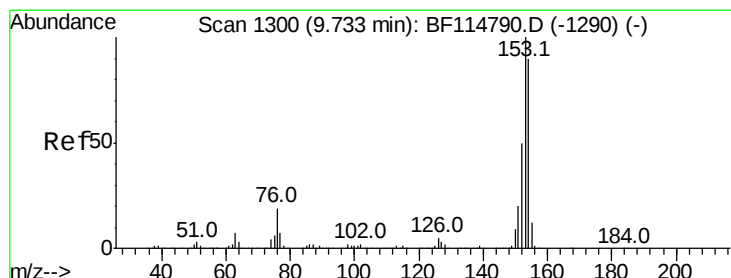
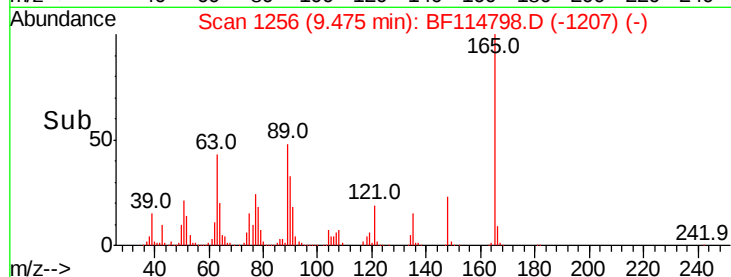
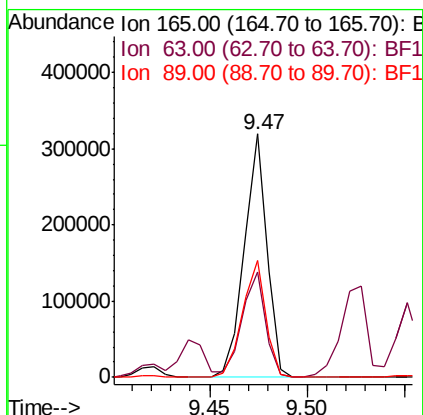
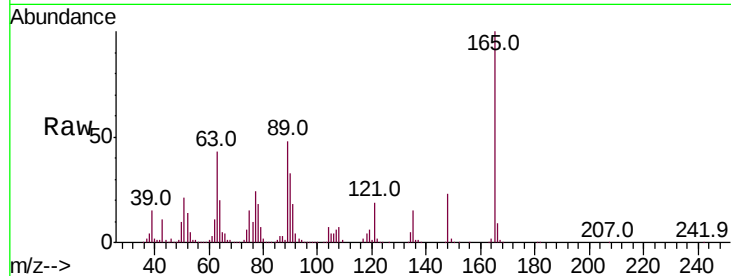
#51
2,6-Dinitrotoluene
Concen: 46.663 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	257383		
63	43.2		35.1	52.7
89	47.9		38.2	57.2

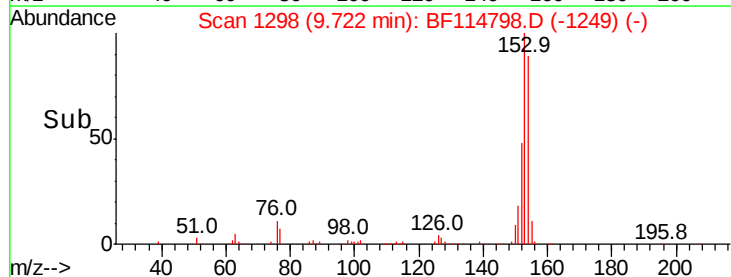
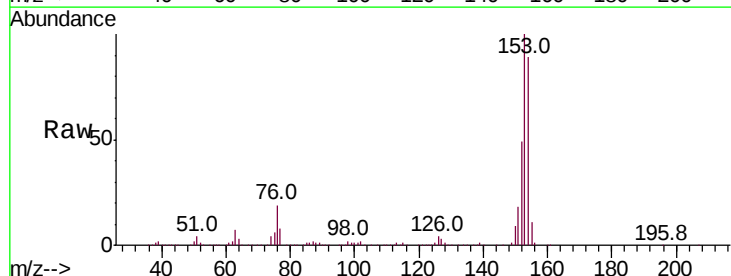
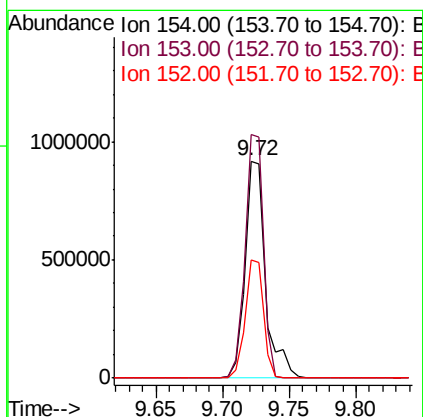
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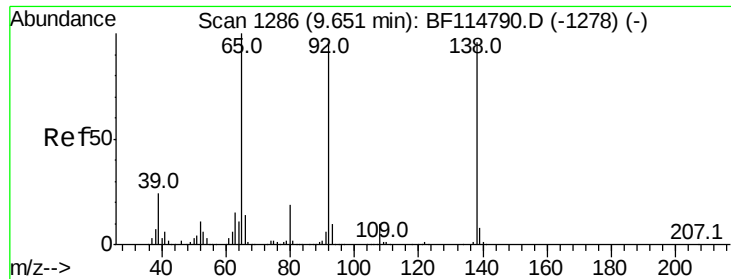
mohammad
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#52
Acenaphthene
Concen: 50.661 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	973277		
153	112.1		88.5	132.7
152	54.4		44.1	66.1





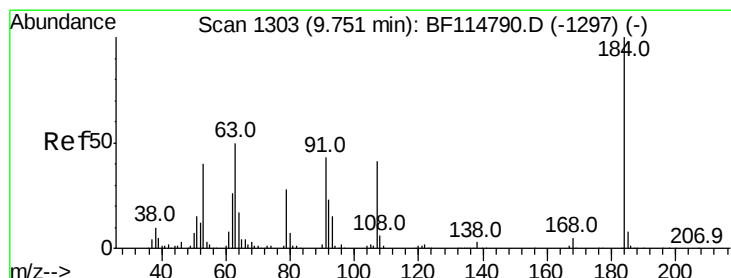
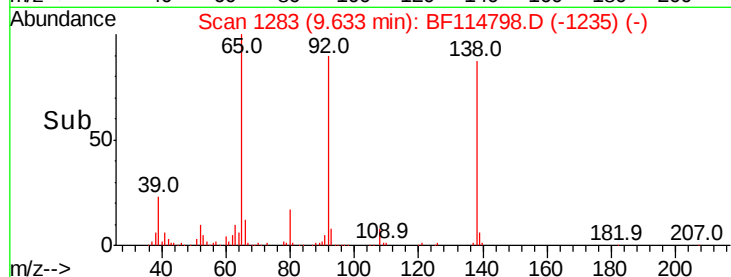
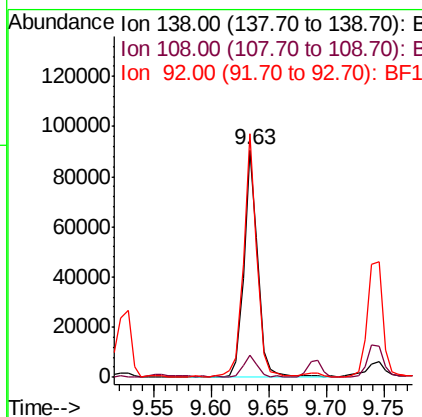
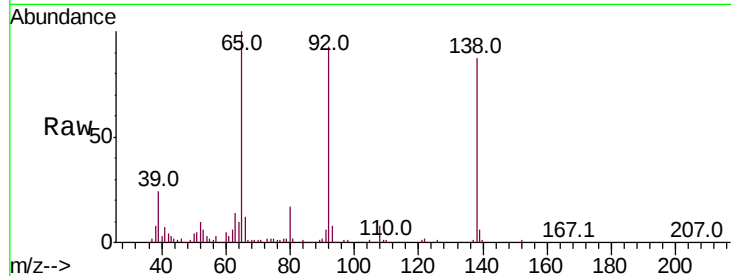
#53
3-Nitroaniline
Concen: 11.783 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.9	11.9
92	107.0	79.9	119.9

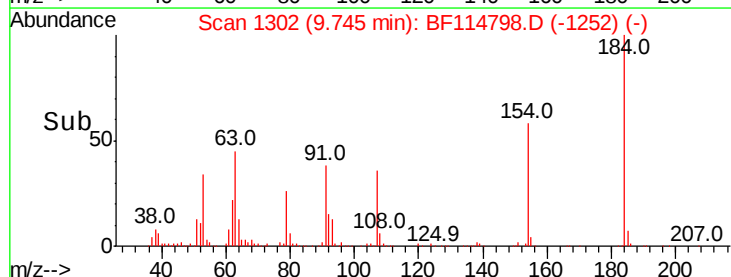
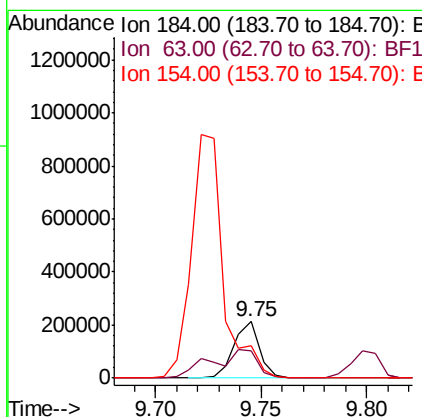
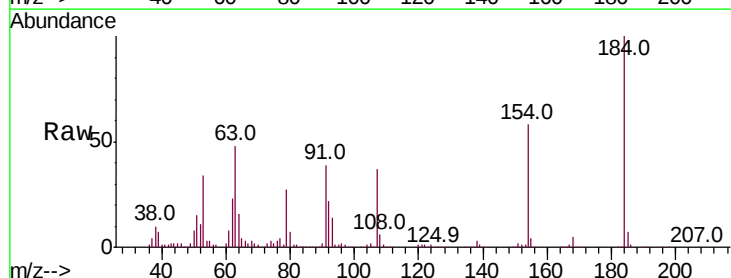
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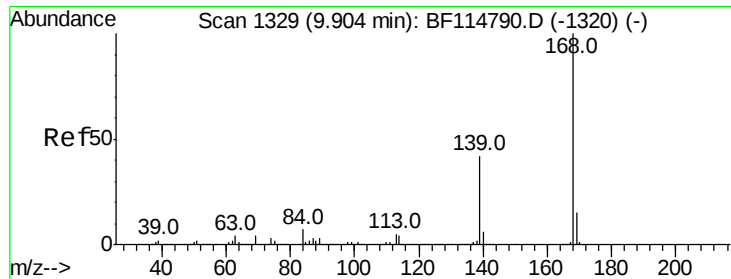
mohammad
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#54
2,4-Dinitrophenol
Concen: 71.943 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.3	44.1	66.1
154	57.6	48.1	72.1





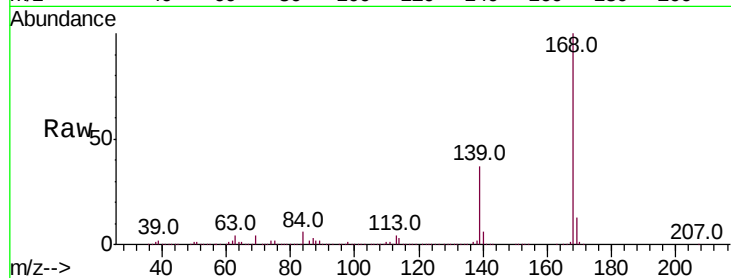
#55
Dibenzofuran
Concen: 49.684 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

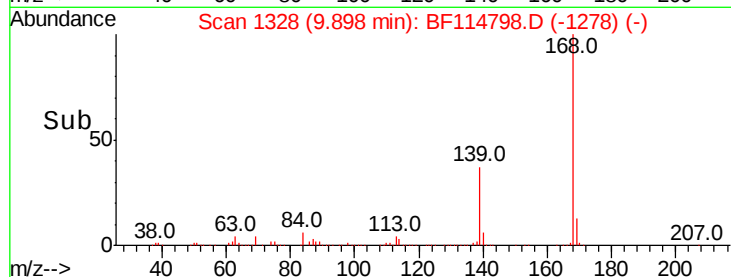
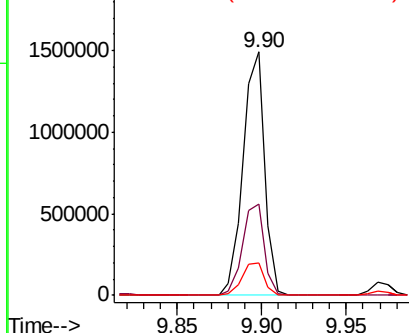
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	33.8	50.6
169	13.3	11.9	17.9

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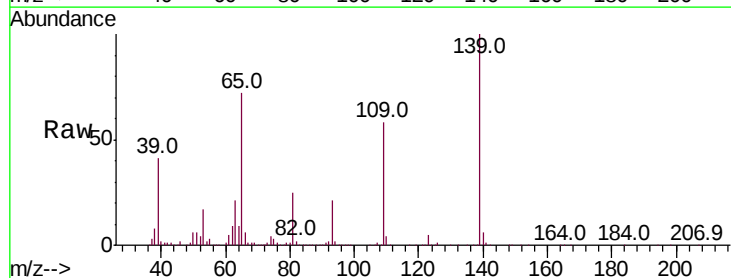
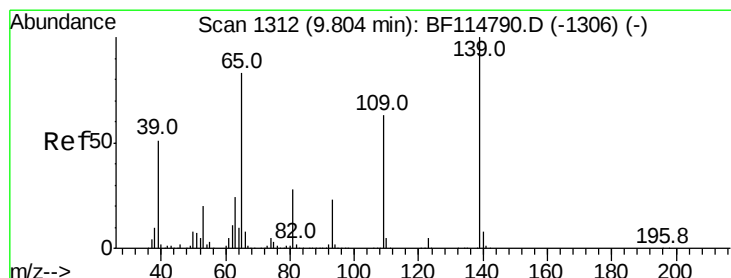
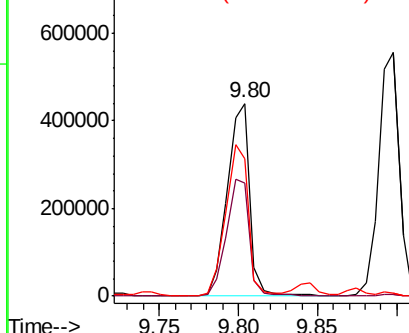
Abundance Ion 168.00 (167.70 to 168.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

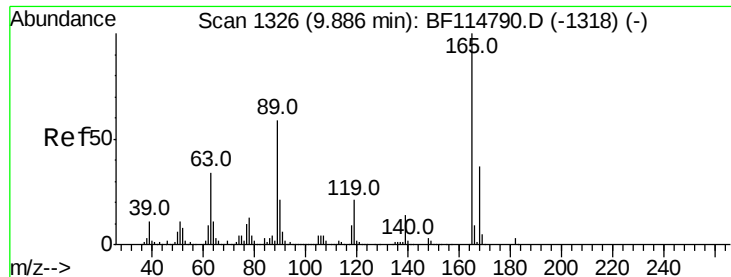


#56
4-Nitrophenol
Concen: 91.808 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.4	43.5	83.5
65	71.5	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: 50.068 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

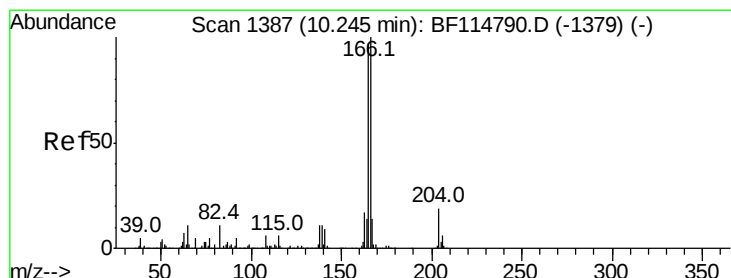
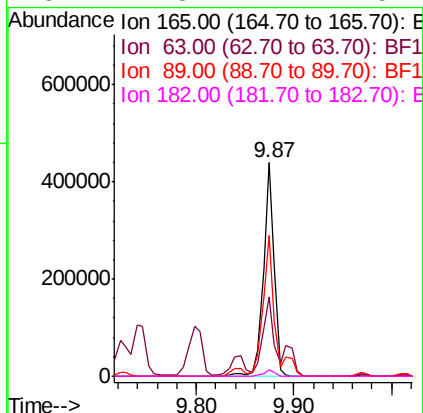
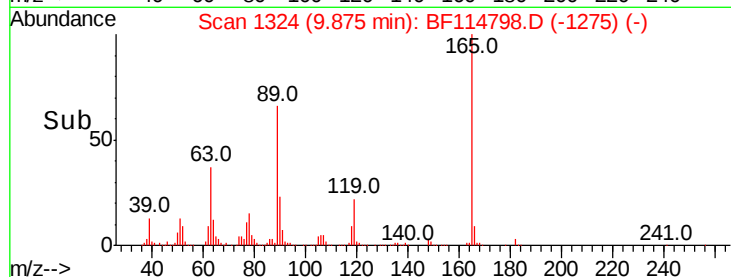
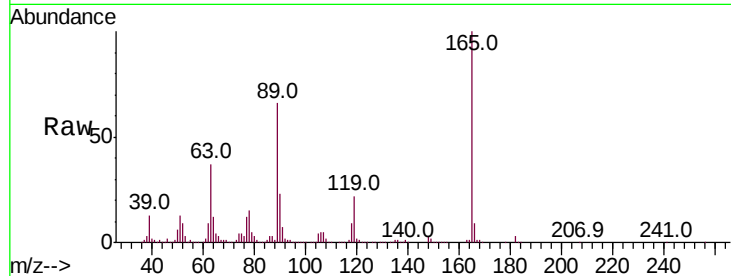
ClientSampleId :

CL-02-053119-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	347170		
63	37.4	27.0	40.4	
89	66.1	47.0	70.6	
182	2.8	2.2	3.2	

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#58

Fluorene

Concen: 60.669 ng

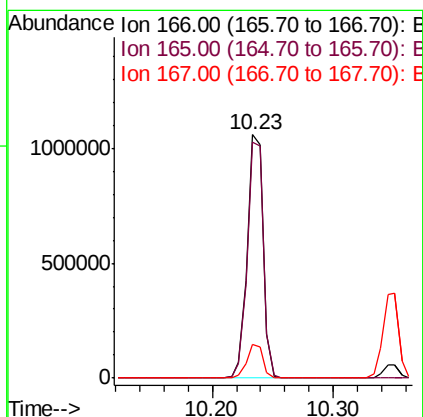
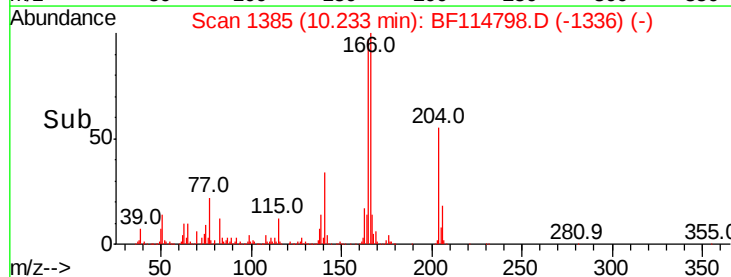
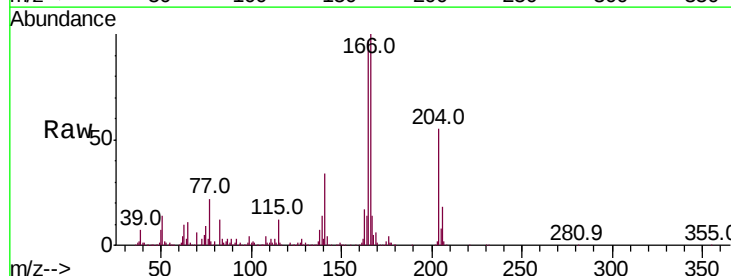
RT: 10.23 min Scan# 1385

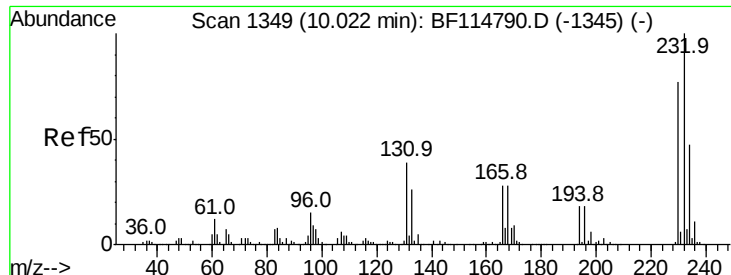
Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	983865		
165	97.1	77.9	116.9	
167	13.7	11.3	16.9	





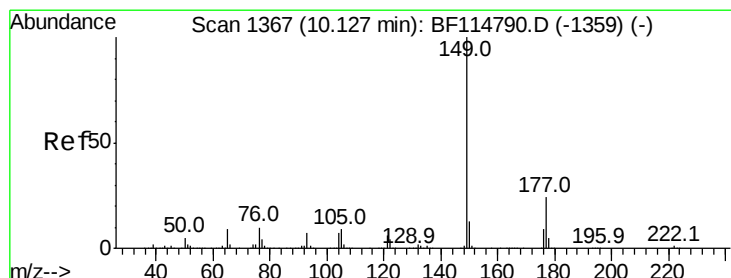
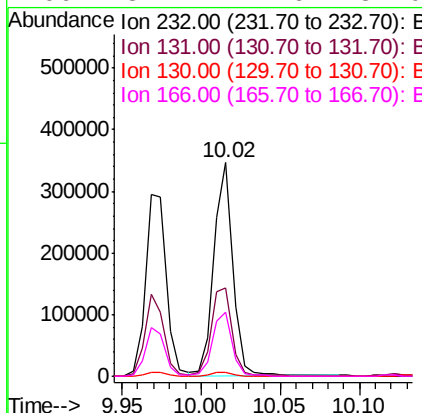
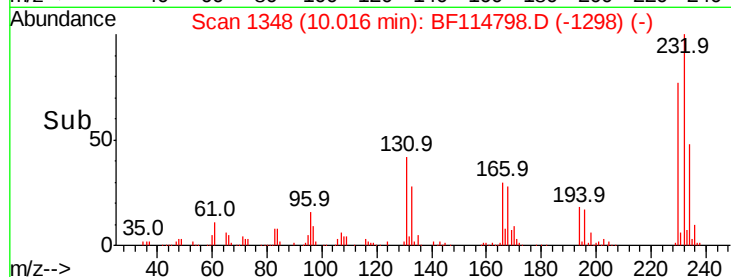
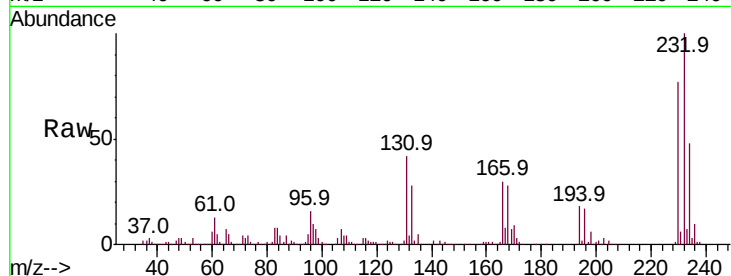
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.479 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	287838		
131	46.3		36.8	55.2
130	2.2		1.8	2.6
166	31.2		24.6	37.0

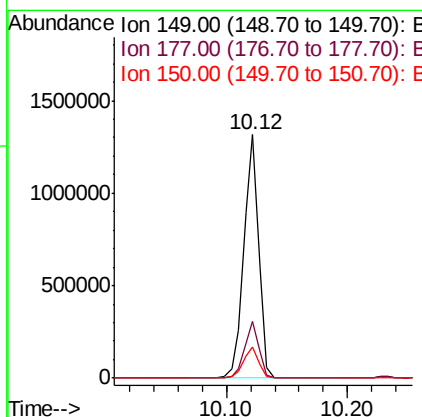
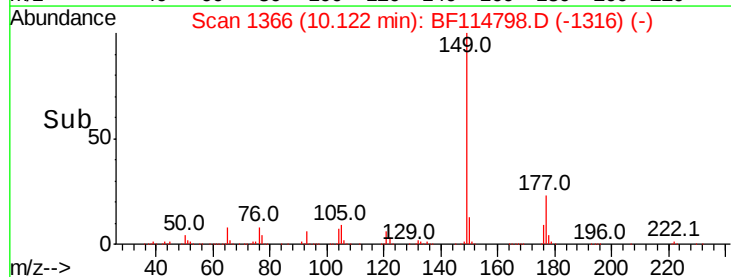
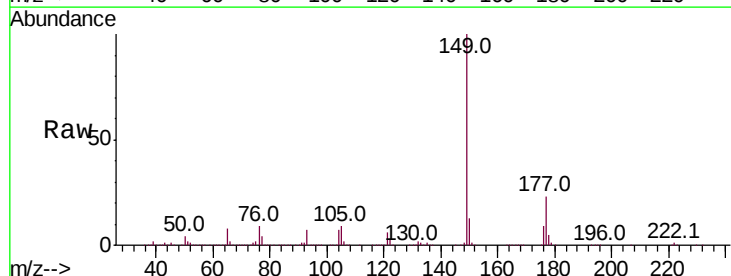
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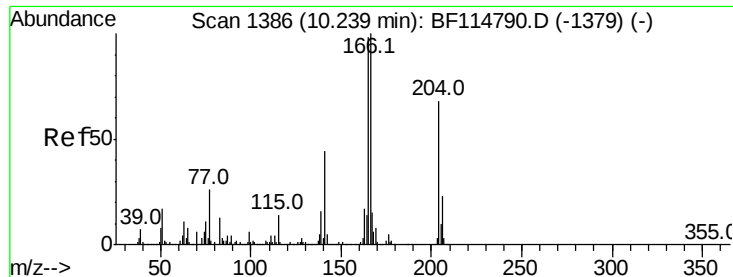
mohammad
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#60
Diethylphthalate
Concen: 47.756 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1123927		
177	23.2		19.3	28.9
150	13.0		10.7	16.1





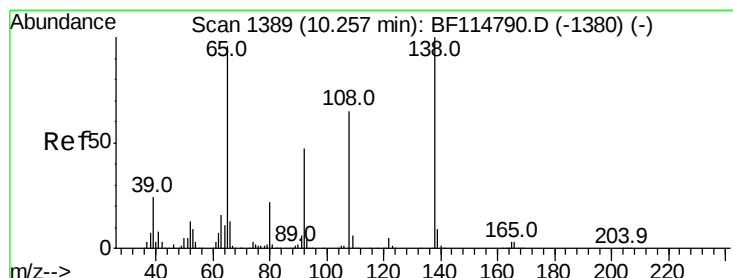
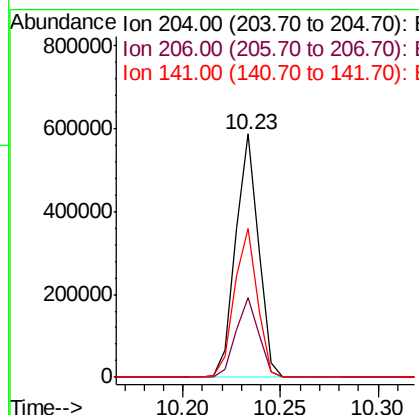
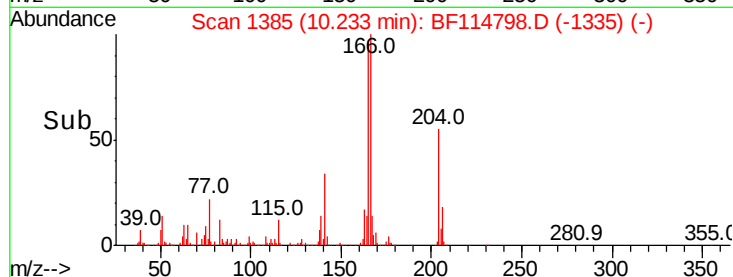
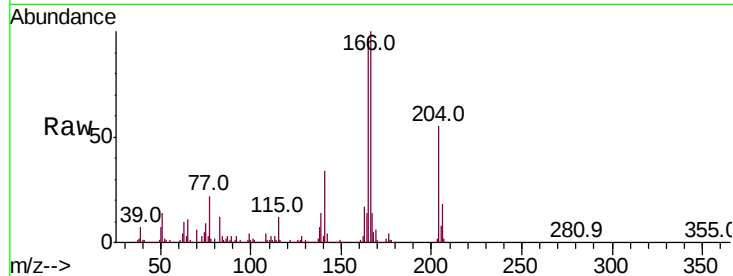
#61
4-Chlorophenyl-phenylether
Concen: 46.709 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	61.1	51.0	76.4

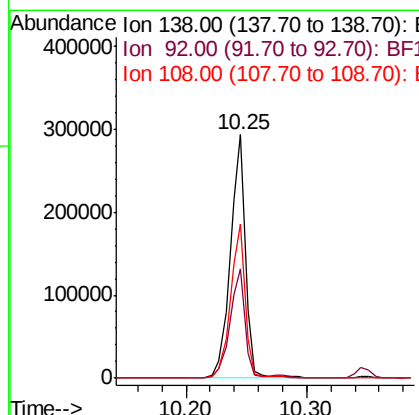
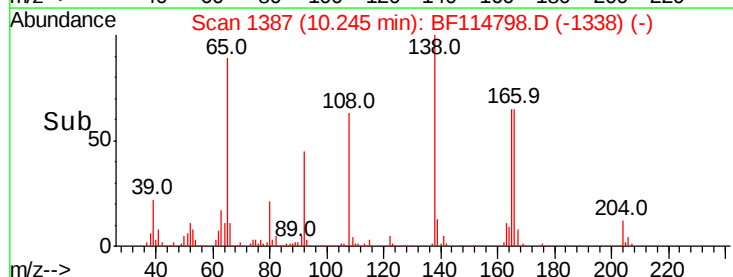
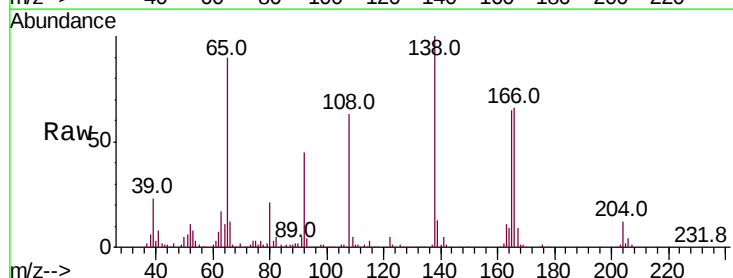
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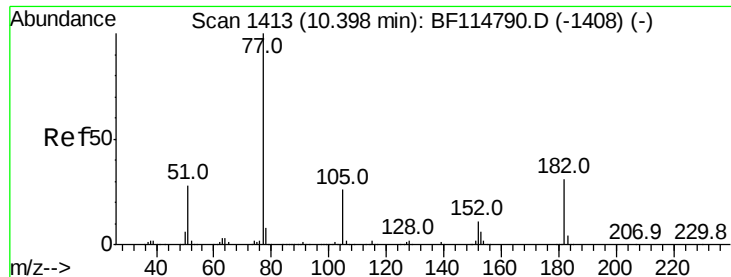
mohammad
6/5/2019 3:40:50 PM



#62
4-Nitroaniline
Concen: 40.734 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.9	26.5	66.5
108	63.1	45.4	85.4





#63

Azobenzene

Concen: 49.370 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

Tot Ion: 77 Resp: 989043

Ion Ratio Lower Upper

77 100

182 28.7 11.2 51.2

105 23.8 5.7 45.7

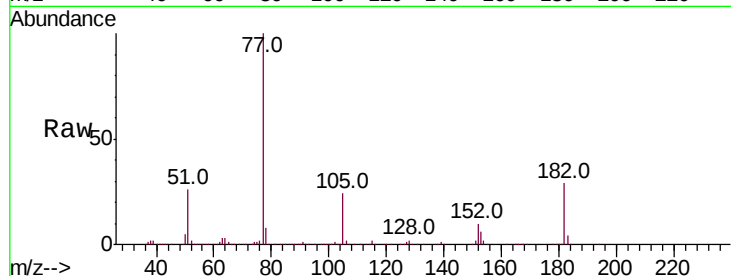
51 25.9 8.0 48.0

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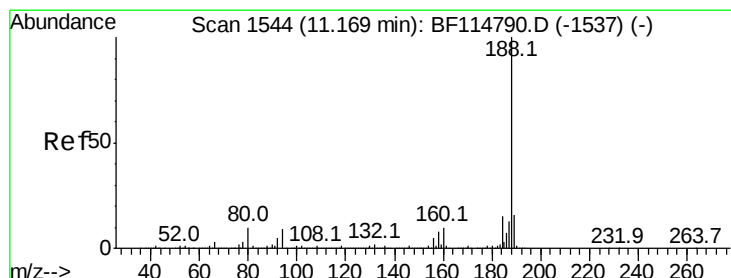
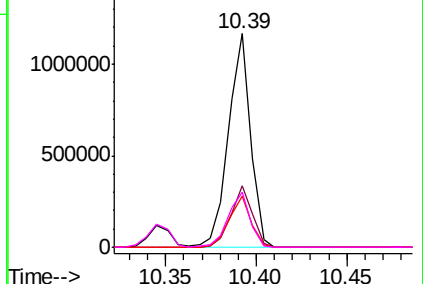
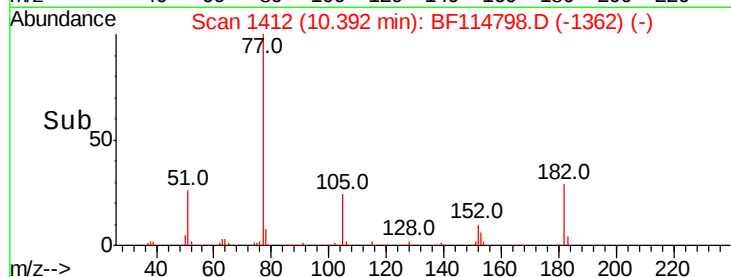


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

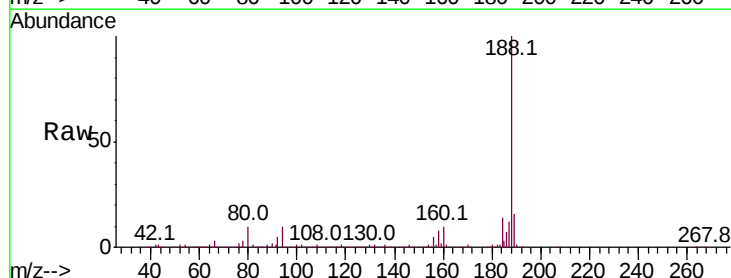
Tgt Ion: 188 Resp: 660748

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

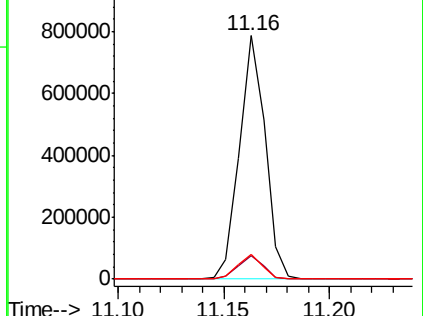
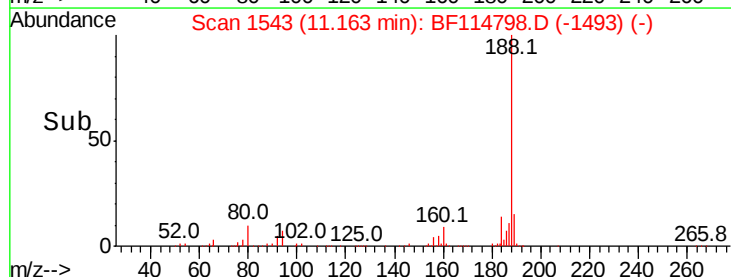
80 10.3 8.3 12.5

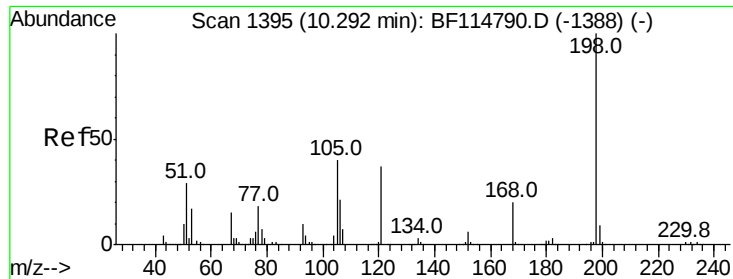


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.969 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

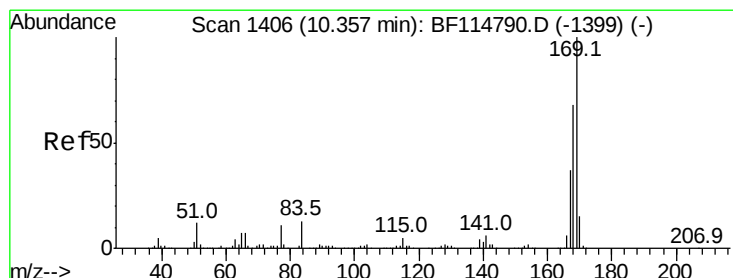
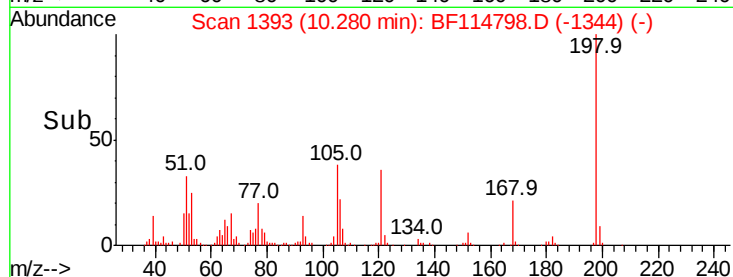
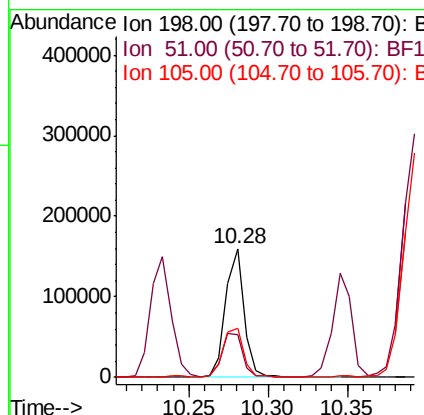
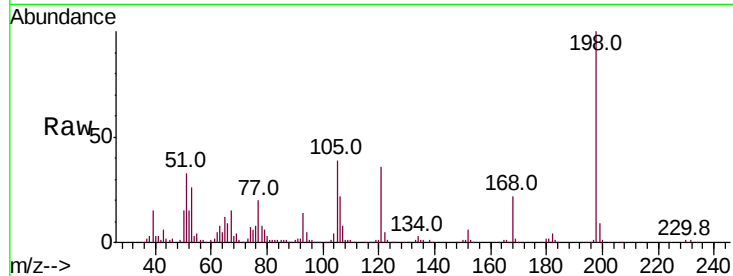
ClientSampleId :

CL-02-053119-AMSD

Tot Ion:	198	Resp:	130320
Ion Ratio	Lower	Upper	
198	100		
51	33.3	14.9	54.9
105	38.6	21.0	61.0

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#66

n-Nitrosodiphenylamine

Concen: 46.461 ng

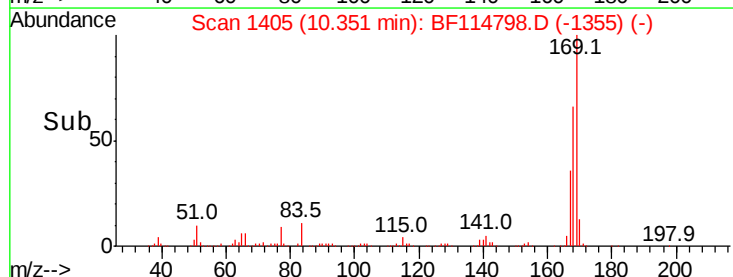
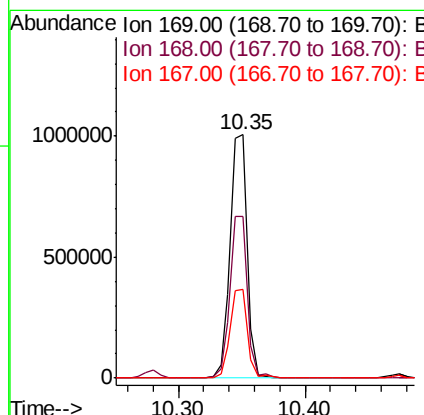
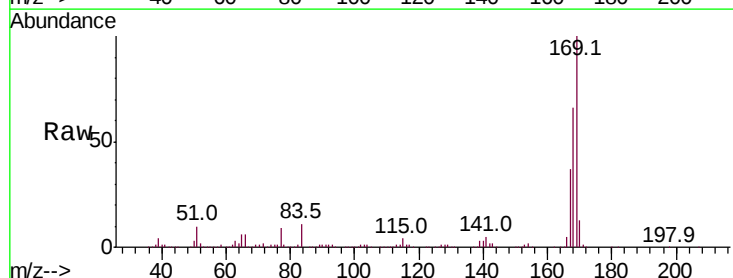
RT: 10.35 min Scan# 1405

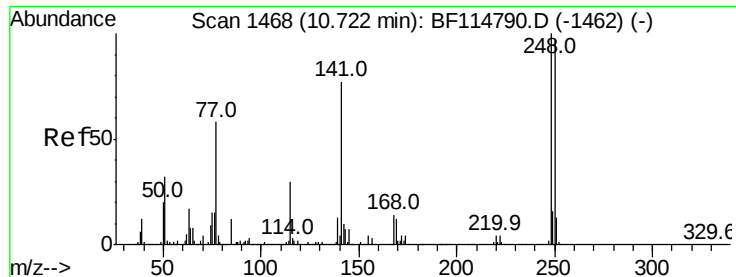
Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Tgt Ion:	169	Resp:	928268
Ion Ratio	Lower	Upper	
169	100		
168	66.5	54.3	81.5
167	36.5	29.9	44.9





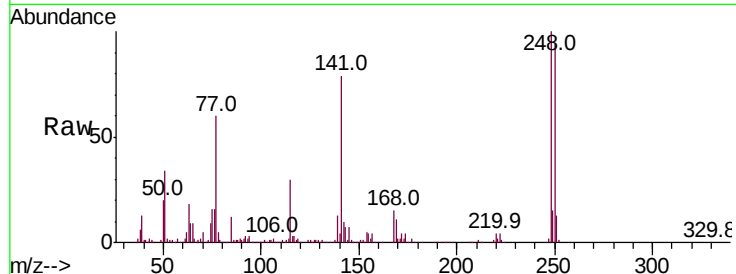
#67
4-Bromophenyl-phenylether
Concen: 42.800 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	77.5	116.3
141	79.1	61.8	92.8

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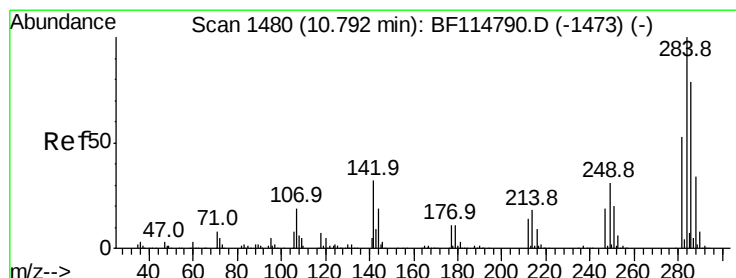
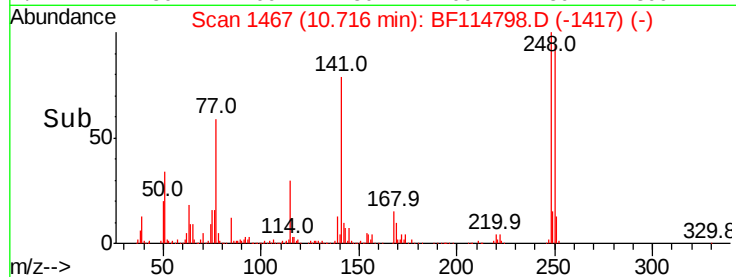
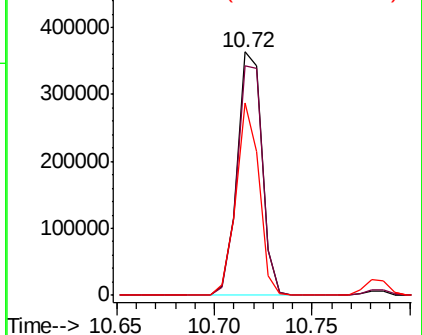


Abundance

Ion 248.00 (247.70 to 248.70): E

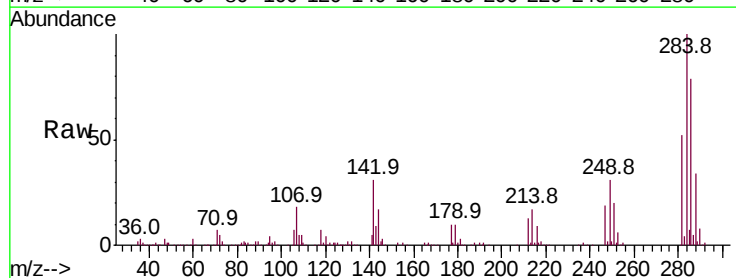
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.470 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.3	37.9
249	30.5	24.9	37.3

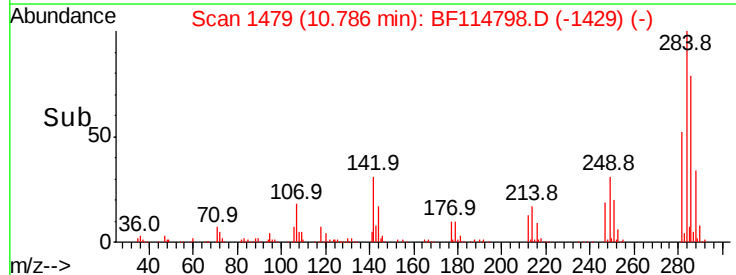
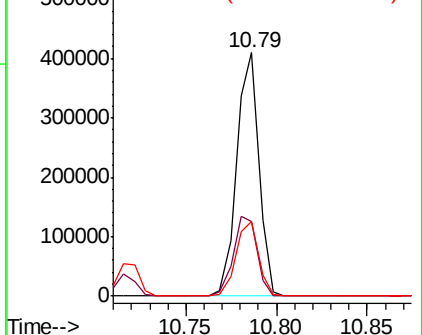


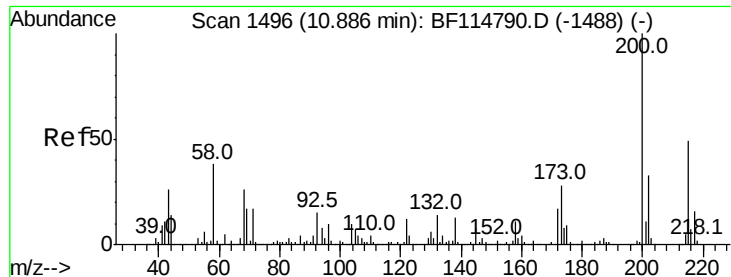
Abundance

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





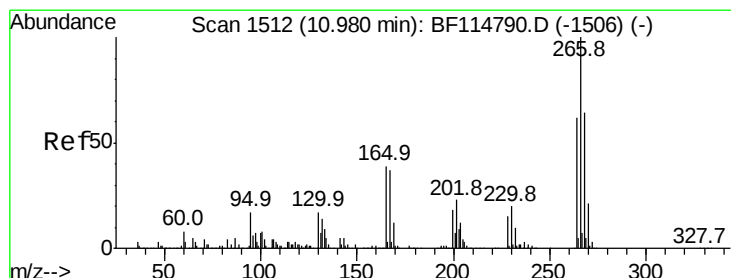
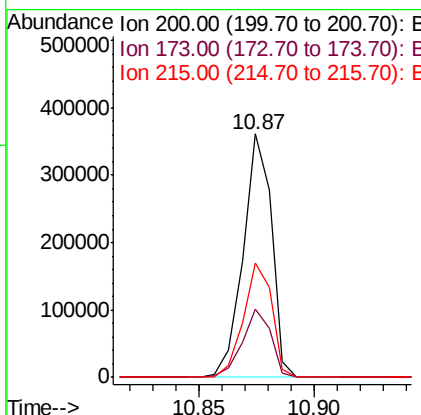
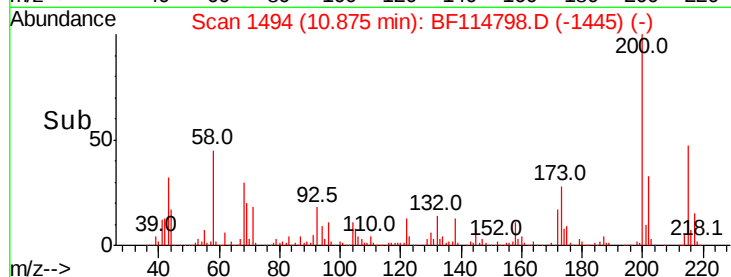
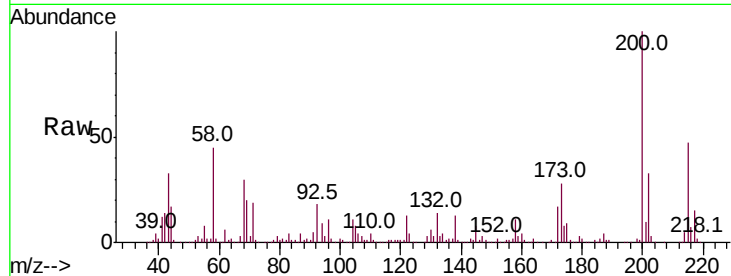
#69
Atrazine
Concen: 44.790 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.1	8.0	48.0
215	46.8	28.7	68.7

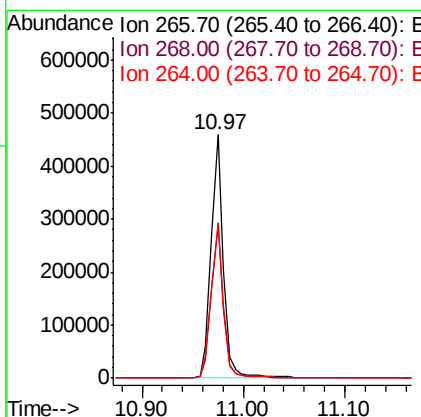
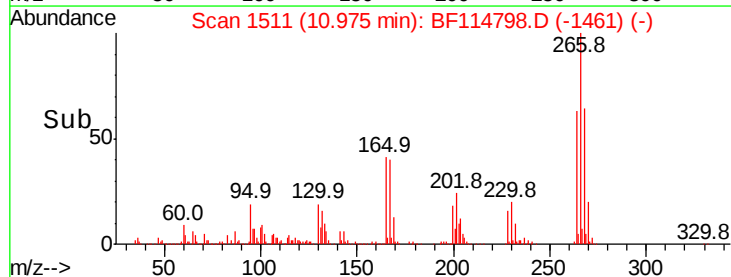
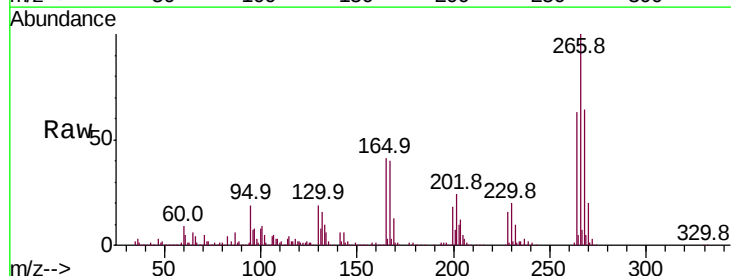
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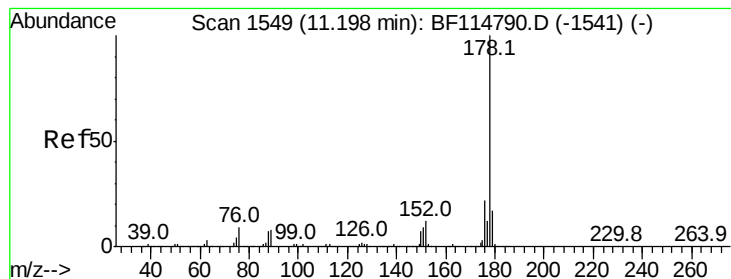
mohammad
6/5/2019 3:40:50 PM



#70
Pentachlorophenol
Concen: 82.470 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.7	51.0	76.6
264	63.3	49.6	74.4





#71

Phenanthrene

Concen: 51.666 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

Tot Ion:178 Resp: 1629730

Ion Ratio Lower Upper

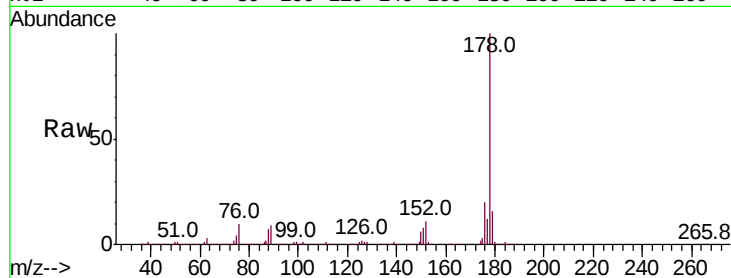
178 100

176 20.2 17.7 26.5

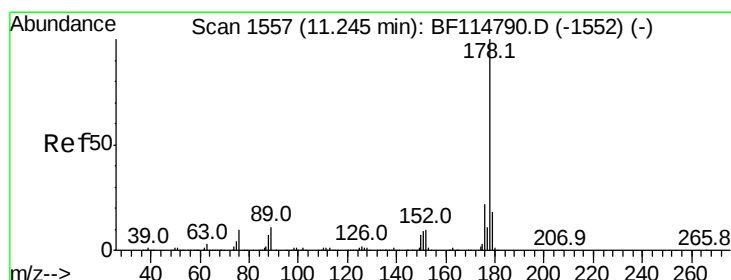
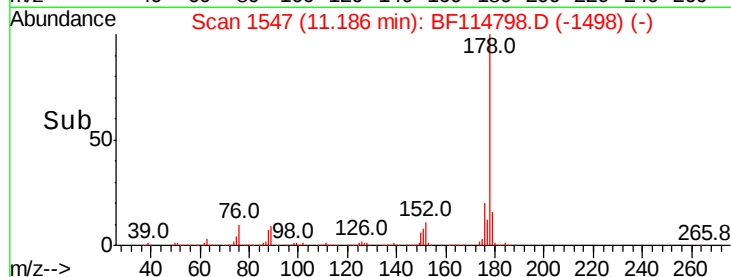
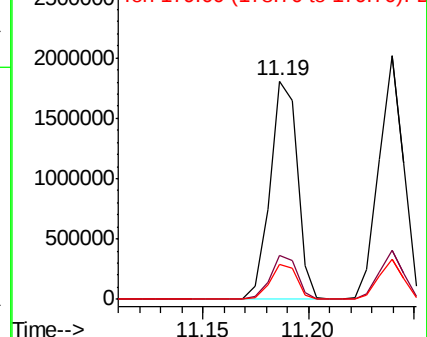
179 16.2 13.7 20.5

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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: 50.025 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Tgt Ion:178 Resp: 1660645

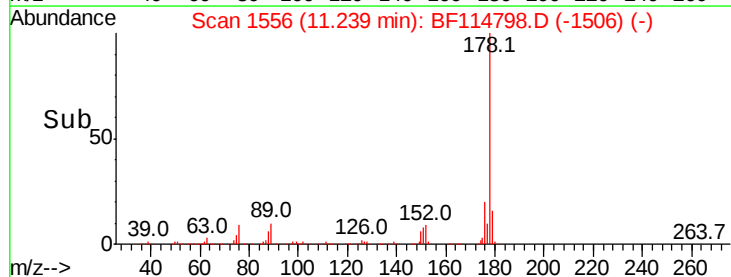
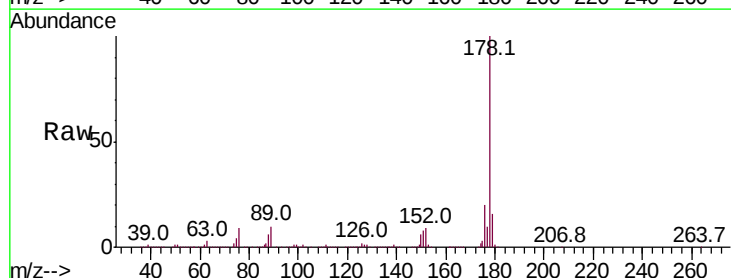
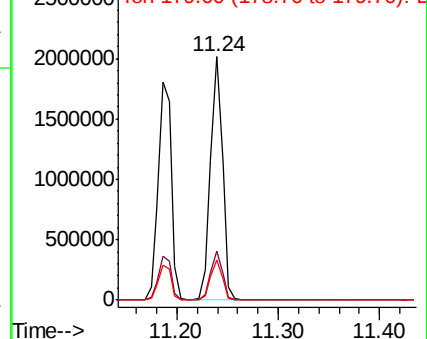
Ion Ratio Lower Upper

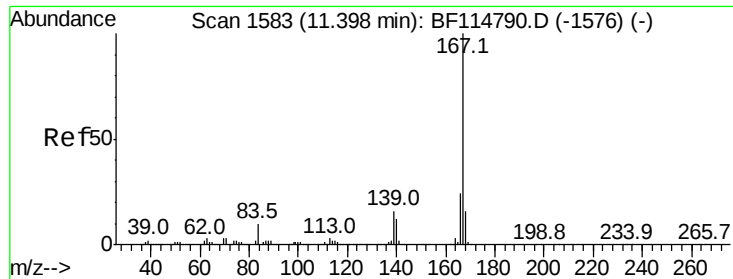
178 100

176 20.3 17.4 26.0

179 16.4 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: 53.343 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

Tot Ion:167 Resp: 1517996

Ion Ratio Lower Upper

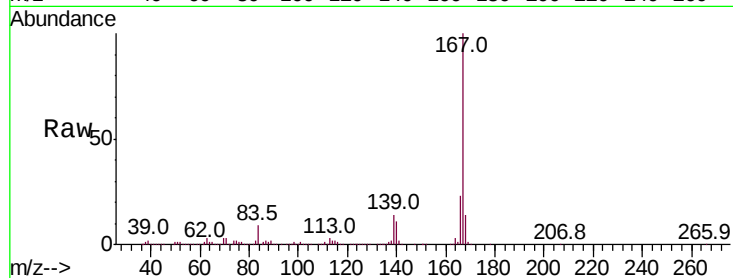
167 100

166 22.6 19.1 28.7

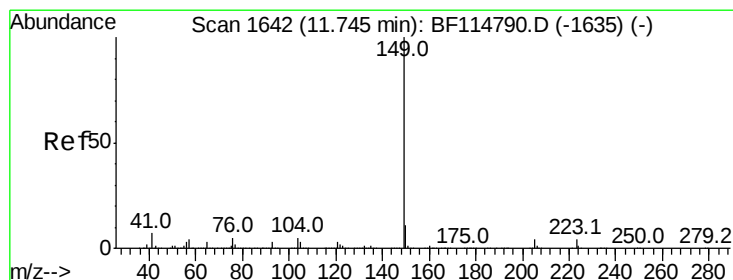
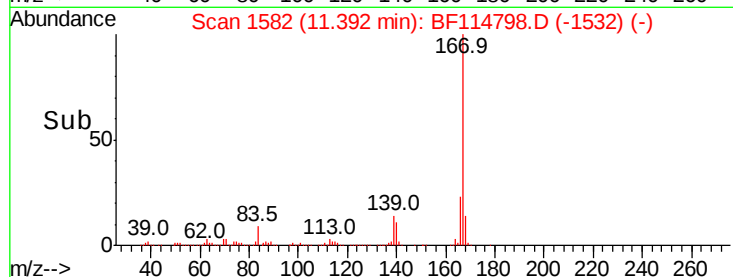
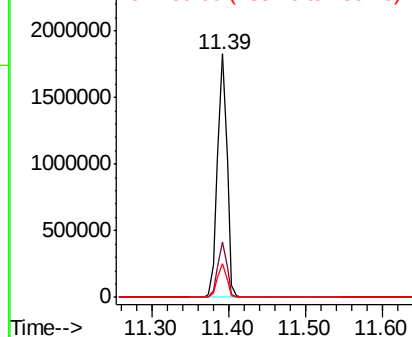
139 13.9 12.4 18.6

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.636 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

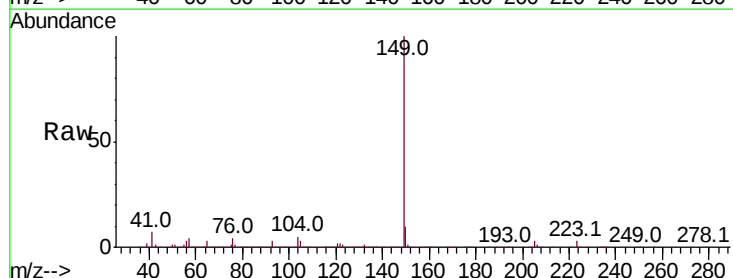
Tgt Ion:149 Resp: 1895267

Ion Ratio Lower Upper

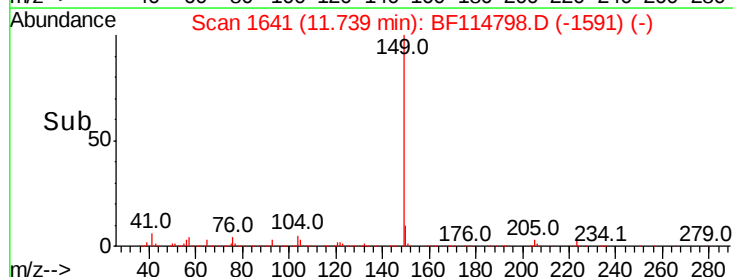
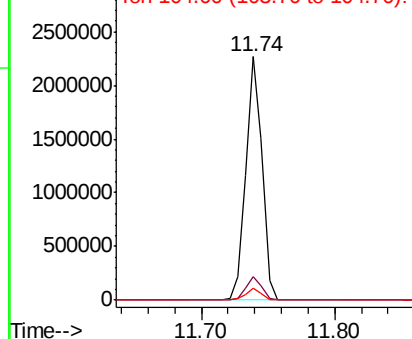
149 100

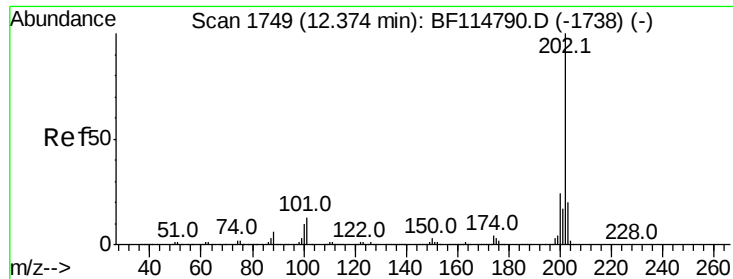
150 9.7 8.9 13.3

104 4.9 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 53.131 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

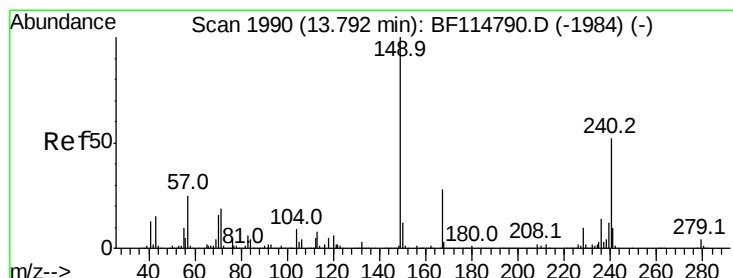
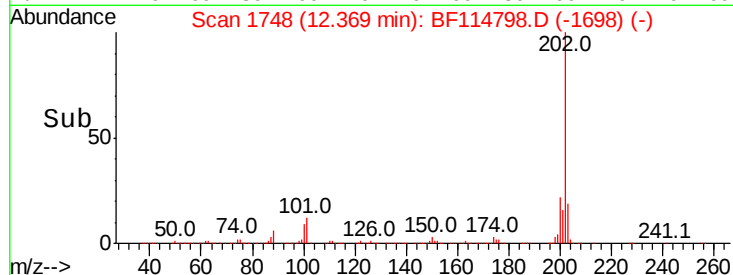
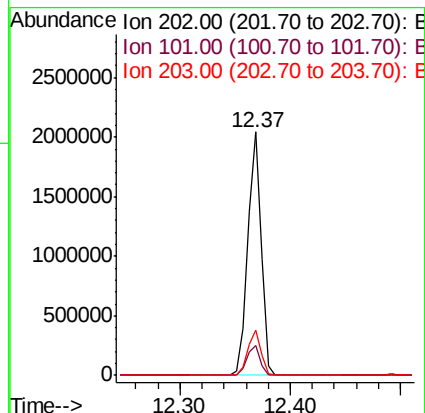
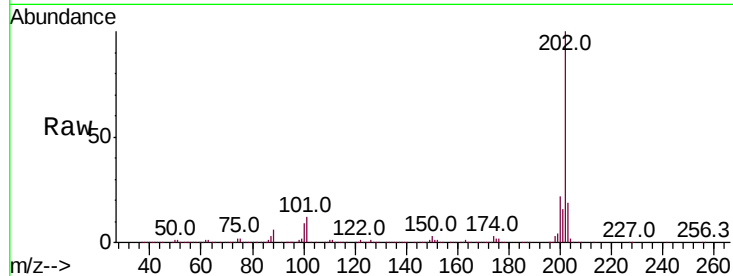
ClientSampleId :

CL-02-053119-AMSD

Tot Ion:	202	Resp:	1744327
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	32.8
203	18.5	0.2	40.2

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#76

Chrysene-d12

Concen: 20.000 ng

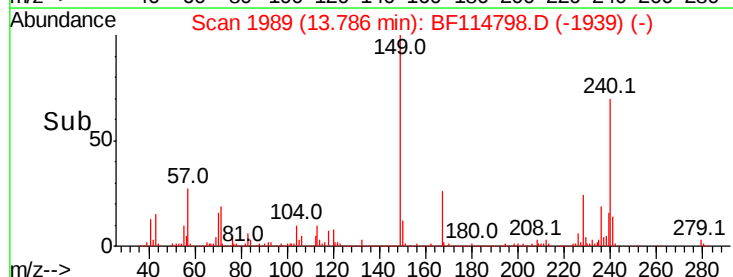
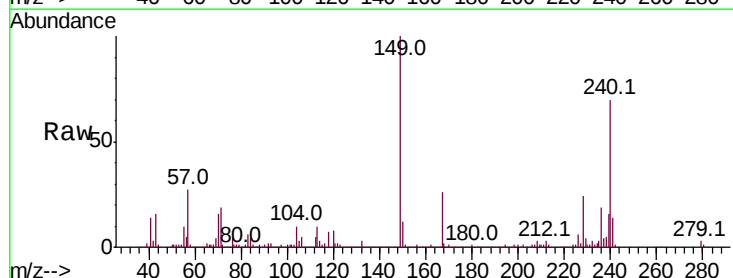
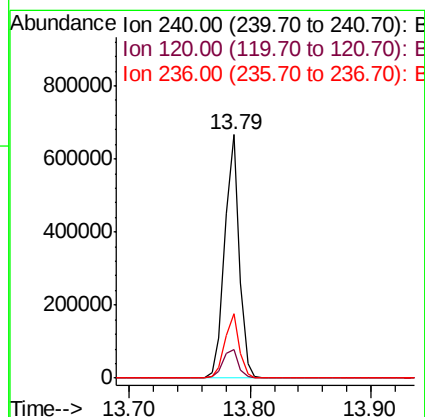
RT: 13.79 min Scan# 1989

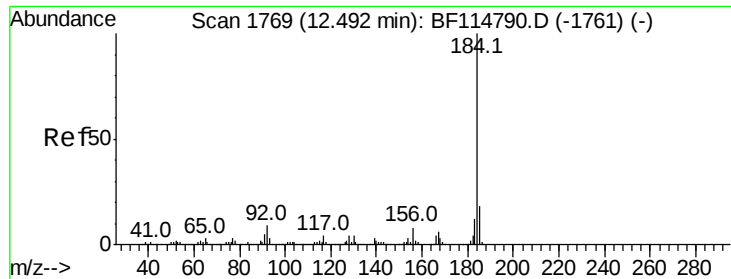
Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Tgt Ion:	240	Resp:	547727
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.0	13.4
236	26.4	21.4	32.0





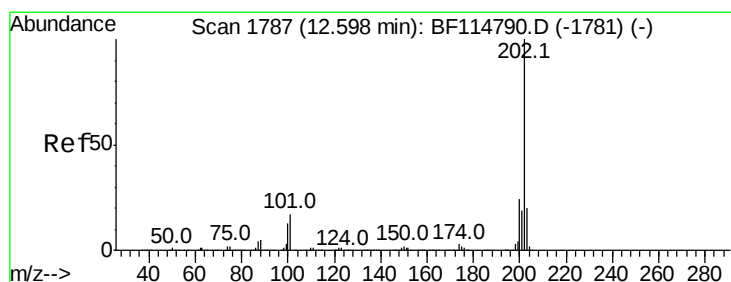
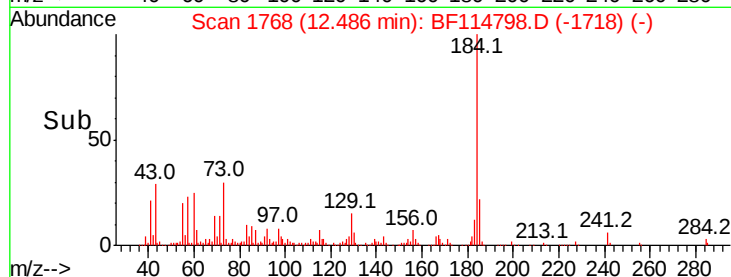
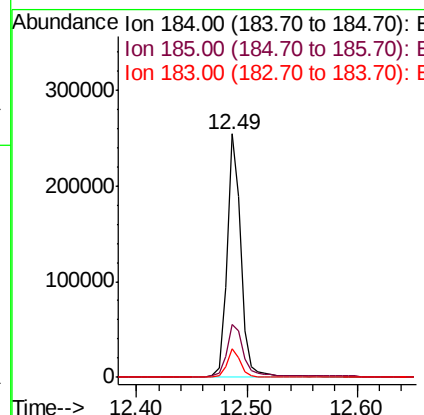
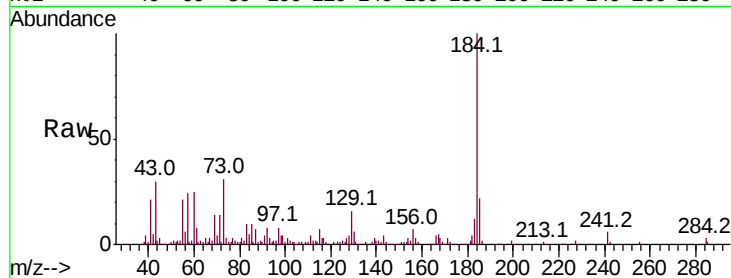
#77
Benzidine
Concen: 8.310 ng
RT: 12.49 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Lower	Upper
184	100		
185	21.5	14.1	21.1#
183	11.8	9.9	14.9

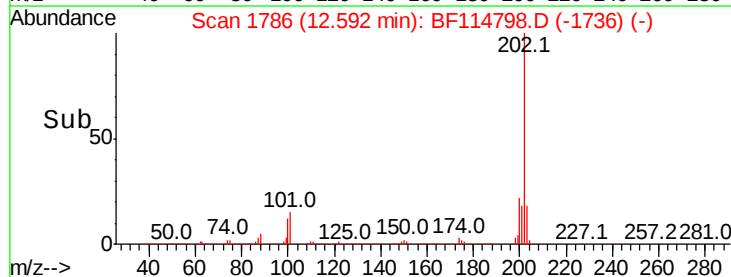
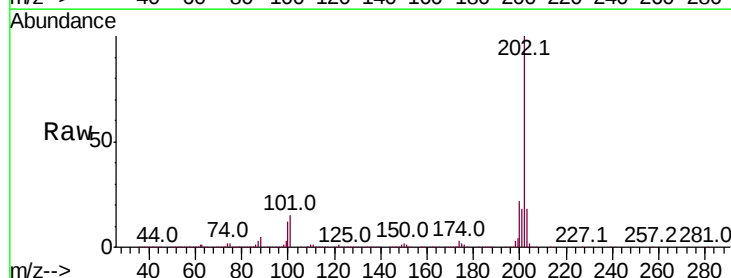
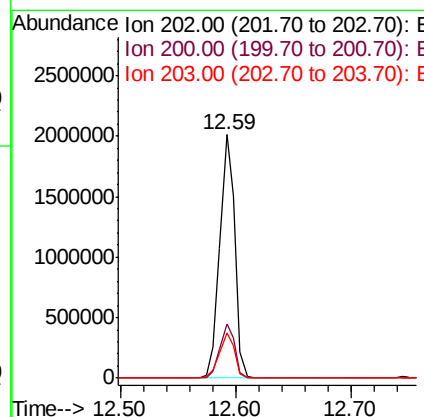
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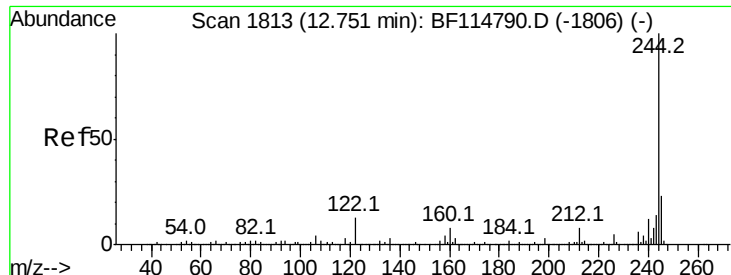
mohammad
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#78
Pyrene
Concen: 38.153 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	19.2	28.8
203	18.5	15.9	23.9





#79

Terphenyl-d14

Concen: 87.680 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

Tot Ion:244 Resp: 2469429

Ion Ratio Lower Upper

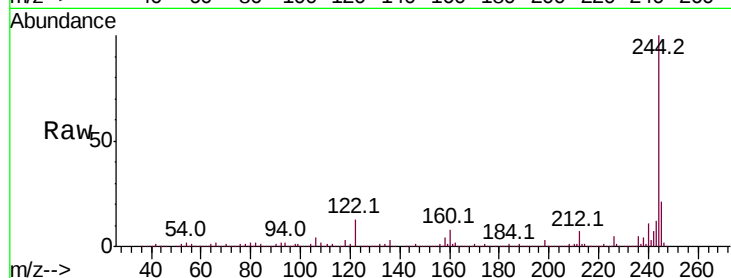
244 100

212 7.4 6.5 9.7

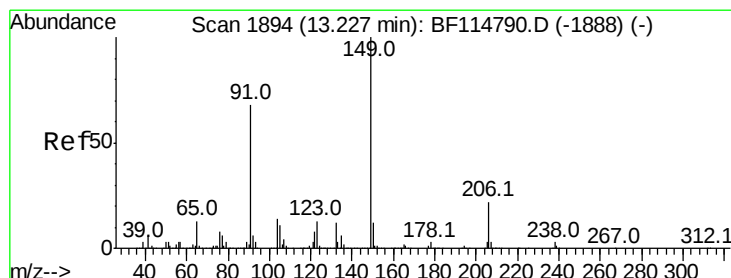
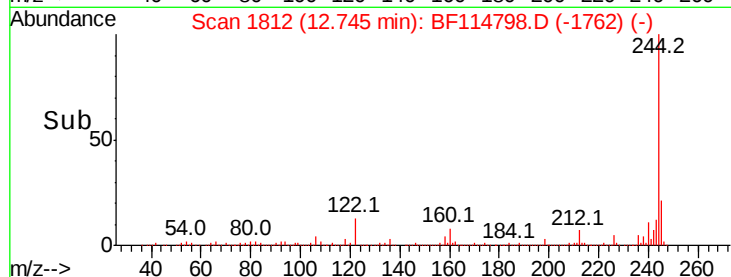
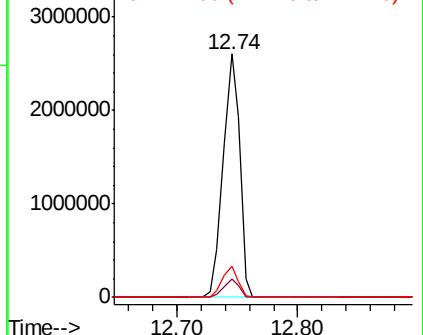
122 12.7 10.5 15.7

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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: 38.109 ng

RT: 13.23 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

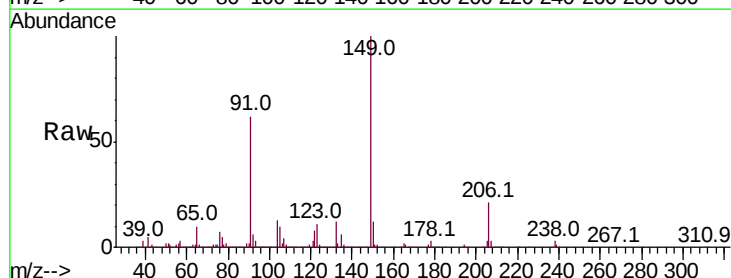
Tgt Ion:149 Resp: 914406

Ion Ratio Lower Upper

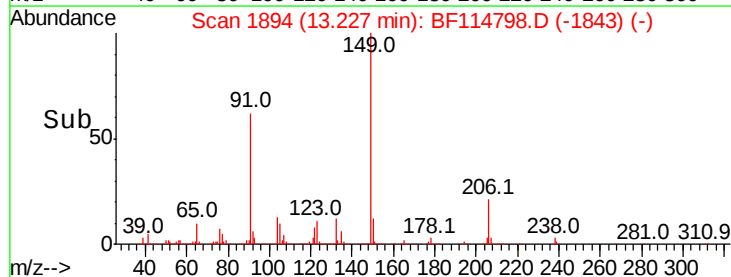
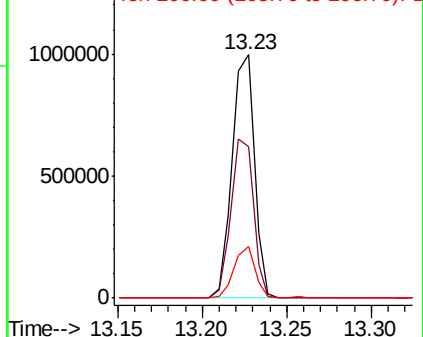
149 100

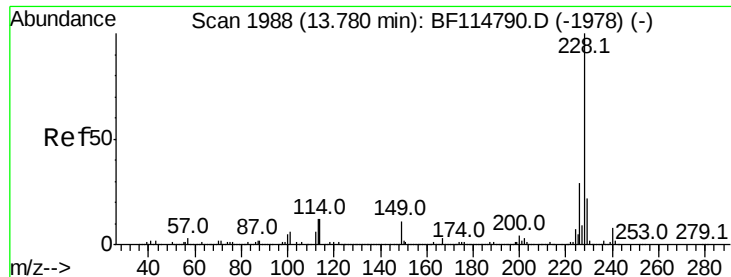
91 62.2 54.6 82.0

206 21.4 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: 40.660 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

Tot Ion:228 Resp: 1716183

Ion Ratio Lower Upper

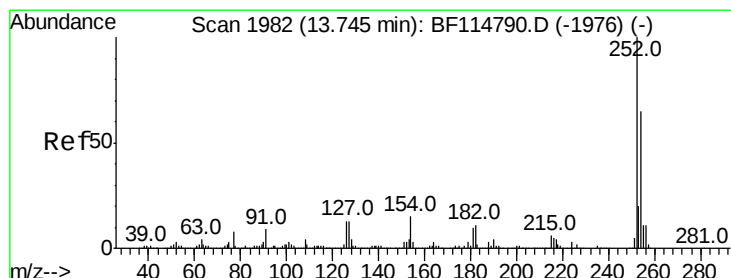
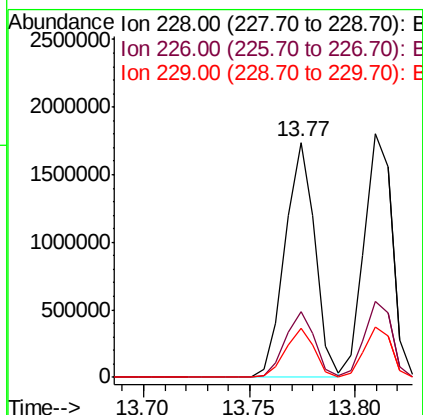
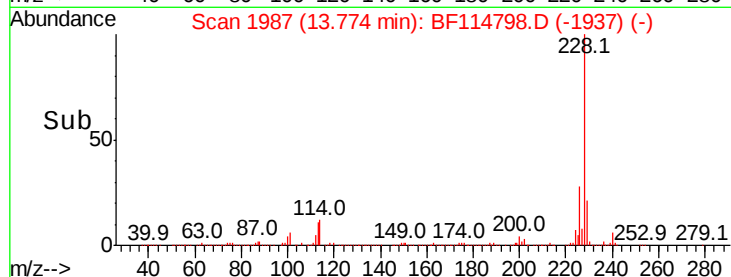
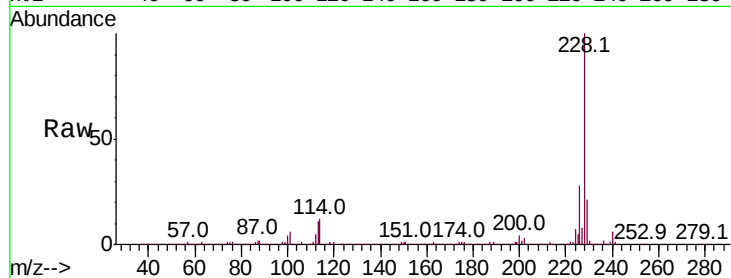
228 100

226 27.9 23.4 35.2

229 20.6 17.4 26.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 12.027 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

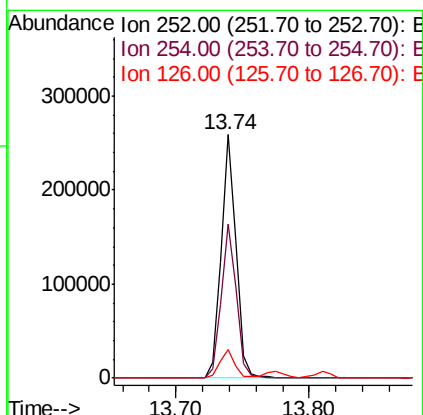
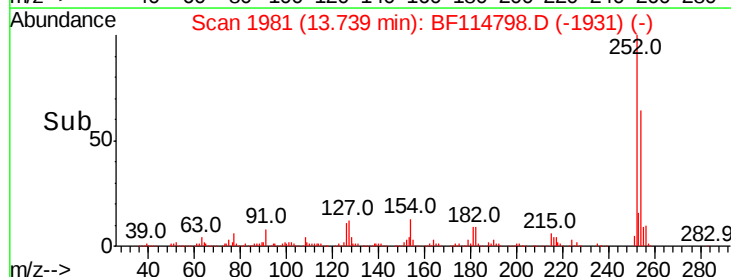
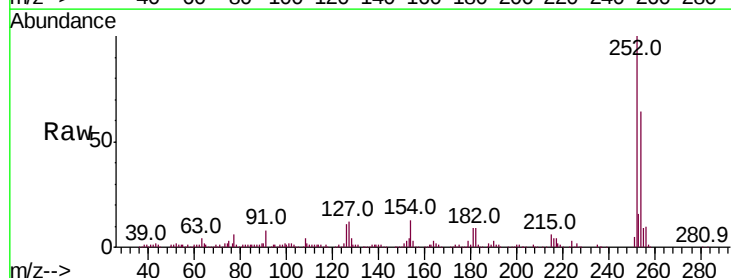
Tgt Ion:252 Resp: 205843

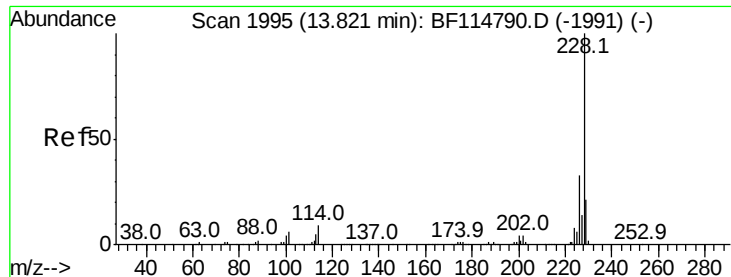
Ion Ratio Lower Upper

252 100

254 63.5 51.9 77.9

126 11.5 10.5 15.7





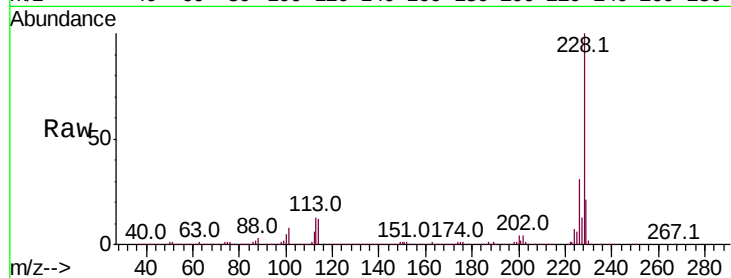
#83
 Chrvsene
 Concen: 40.725 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	26.0	39.0
229	20.9	17.1	25.7

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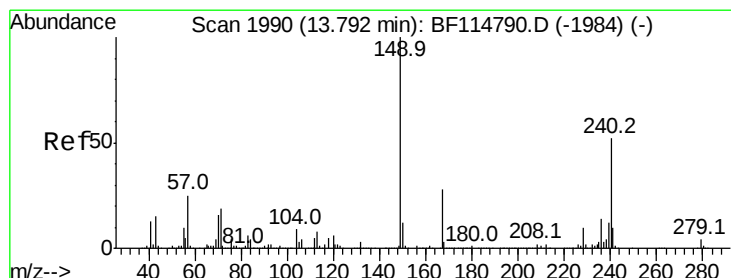
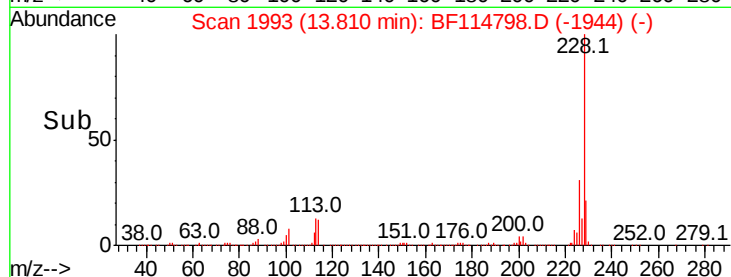
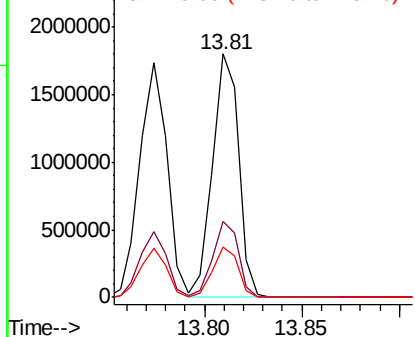


Abundance

Ion 228.00 (227.70 to 228.70): E

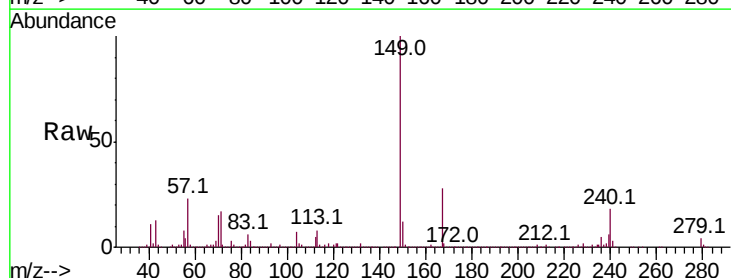
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.650 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.7	34.1
279	4.0	3.1	4.7

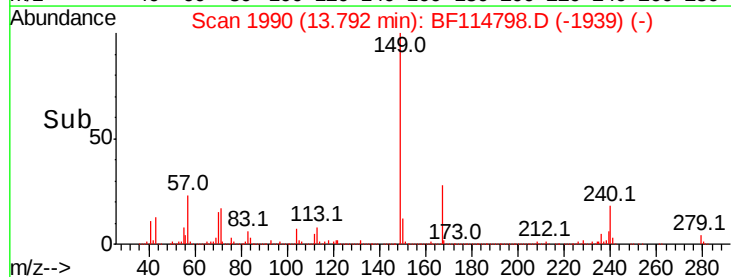
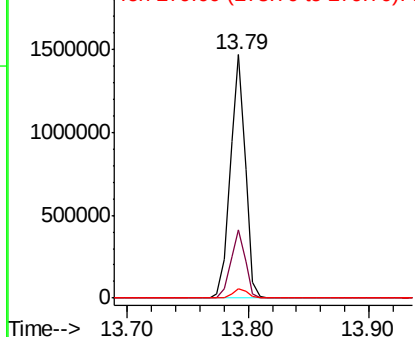


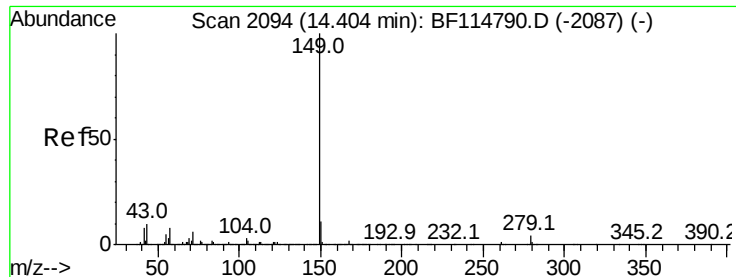
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.526 ng

RT: 14.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

Tot Ion:149 Resp: 2192425

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

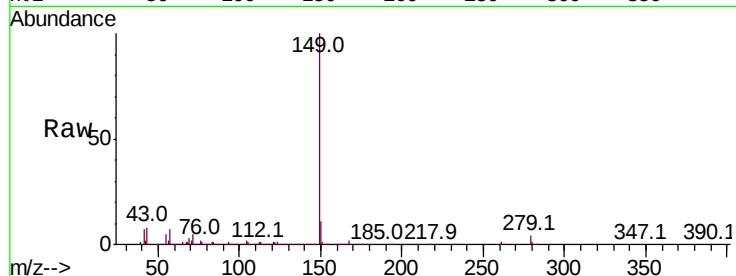
43 8.1 7.0 10.6

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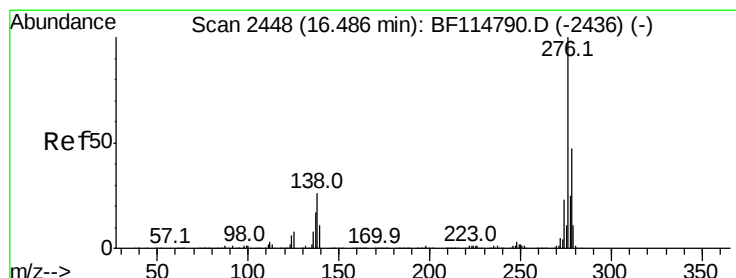
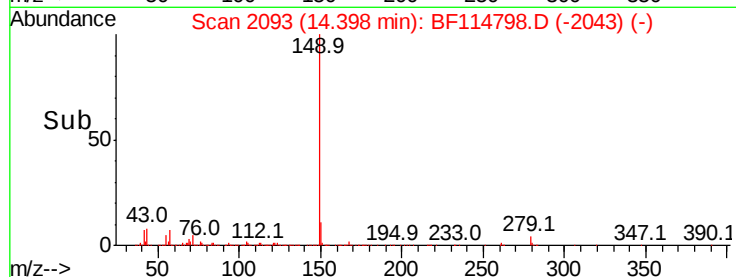
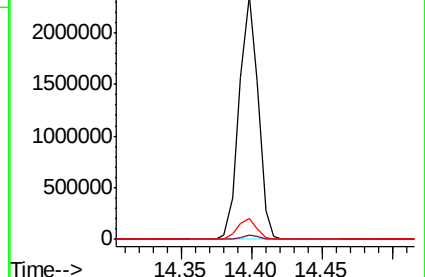
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.290 ng

RT: 16.47 min Scan# 2445

Delta R.T. -0.02 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

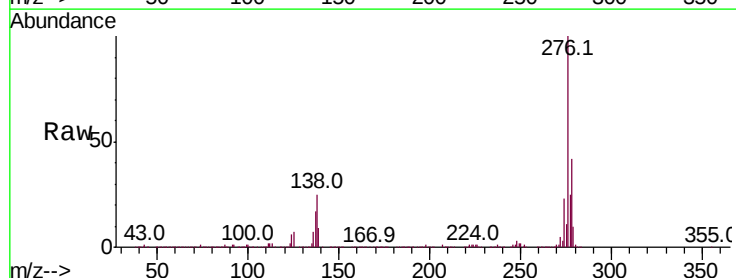
Tgt Ion:276 Resp: 1981257

Ion Ratio Lower Upper

276 100

138 28.1 22.2 33.4

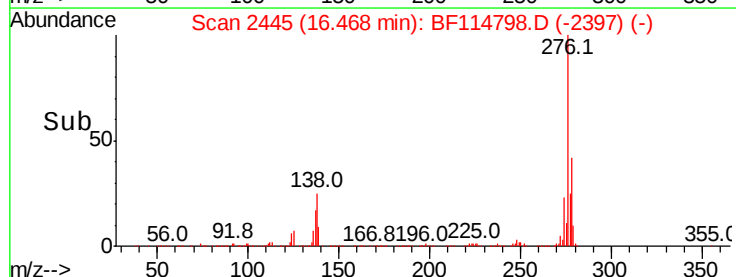
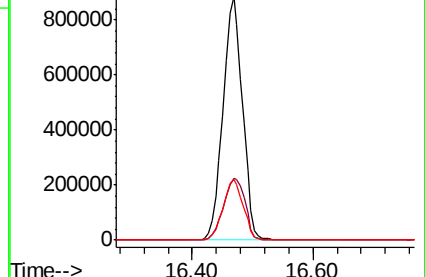
277 25.5 20.6 30.8

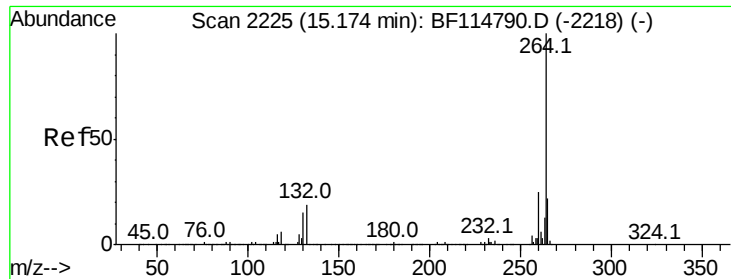


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





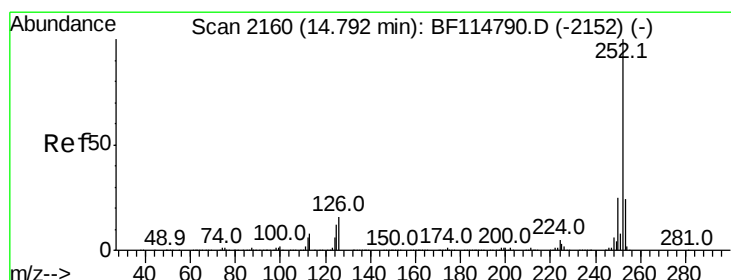
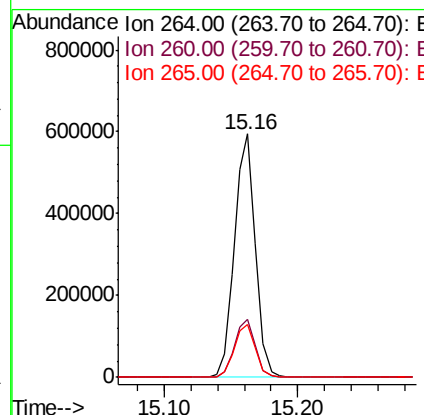
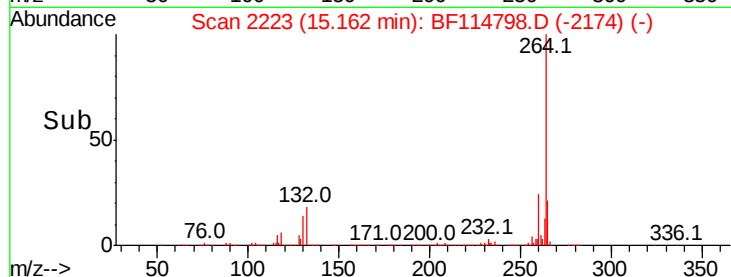
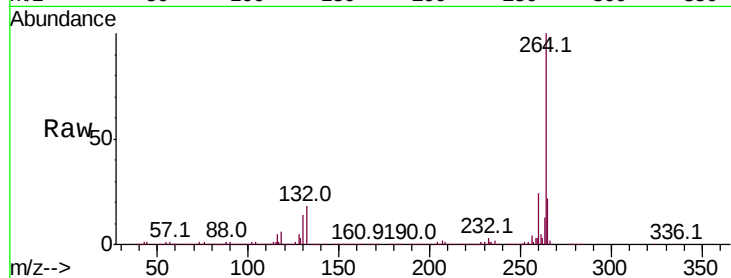
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	21.5	17.7	26.5

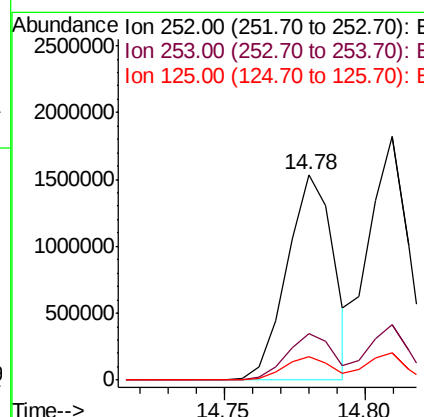
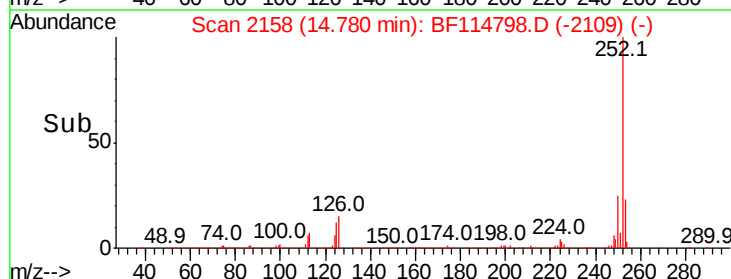
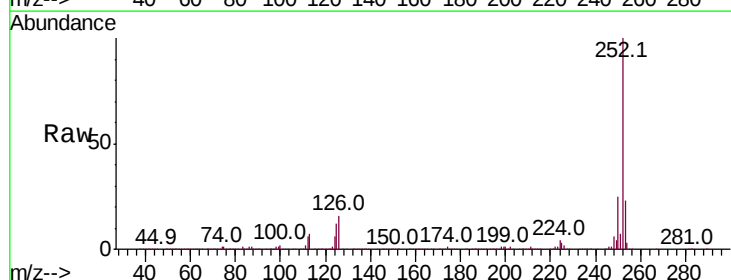
Manual Integrations
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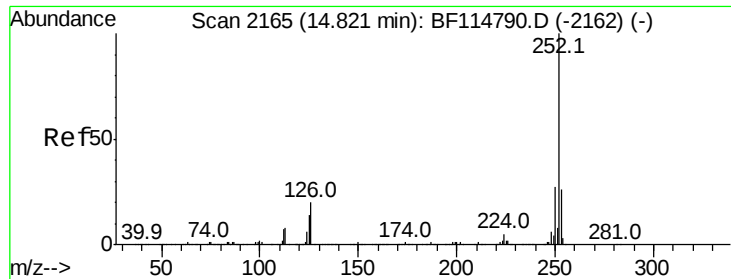
mohammad
6/5/2019 3:40:50 PM



#88
Benzo(b)fluoranthene
Concen: 42.263 ng
RT: 14.78 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.0	28.6
125	11.7	9.4	14.0





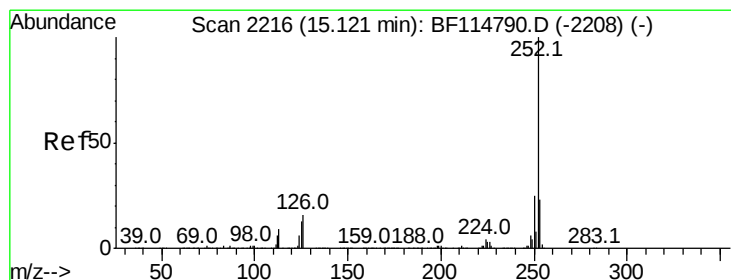
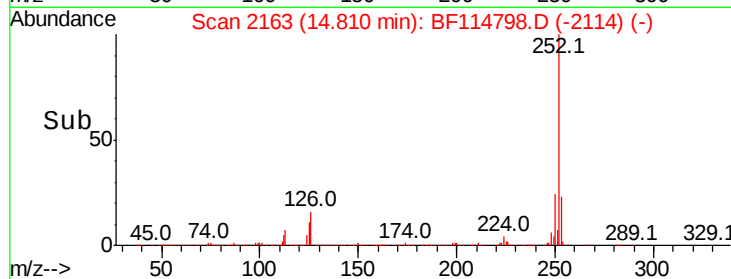
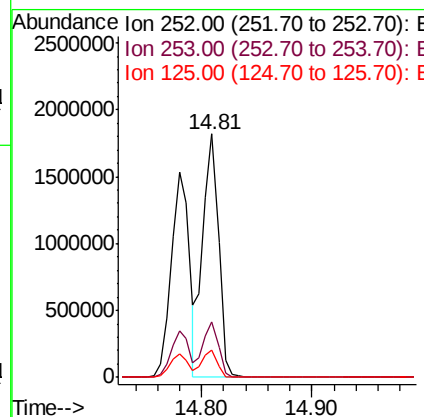
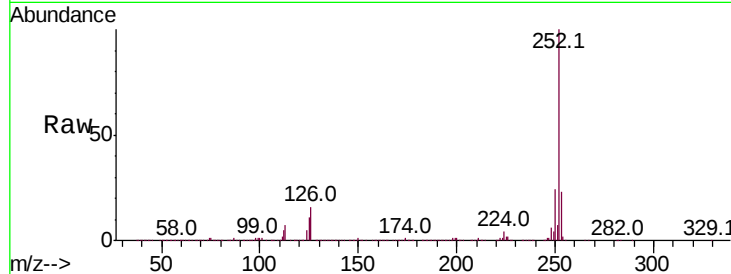
#89
Benzo(k)fluoranthene
Concen: 49.625 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.3	28.9
125	11.1	10.1	15.1

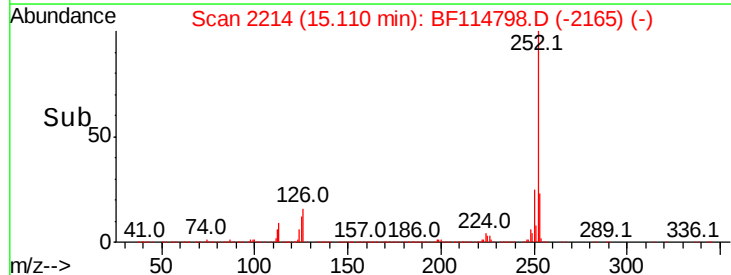
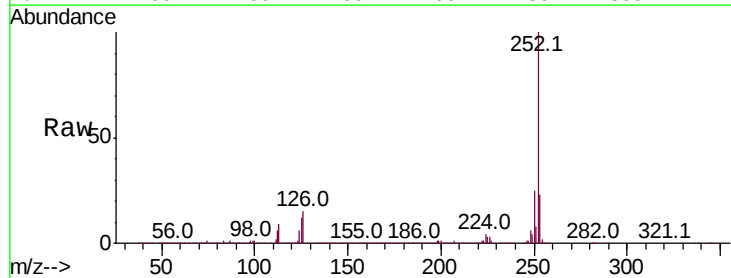
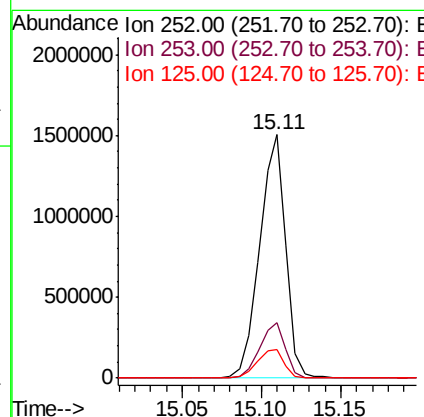
Manual Integrations
APPROVED

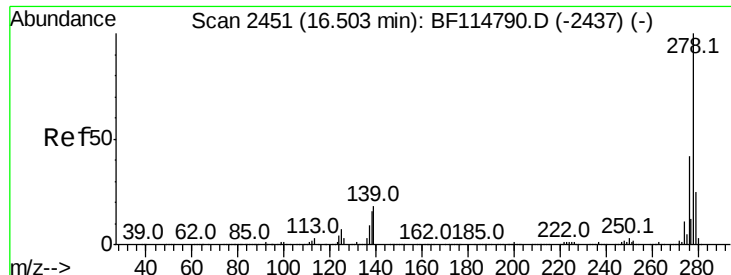
mohammad
6/5/2019 3:40:50 PM



#90
Benzo(a)pyrene
Concen: 47.438 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	11.9	10.1	15.1





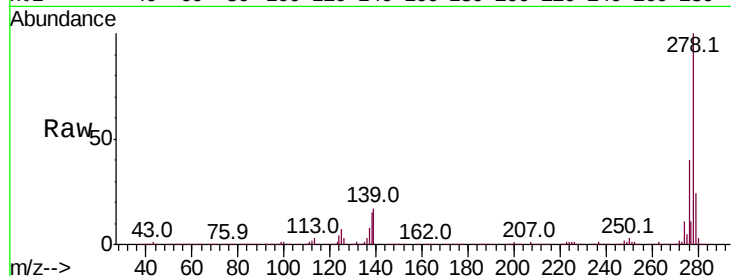
#91
Dibenzo(a,h)anthracene
Concen: 48.177 ng
RT: 16.49 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

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

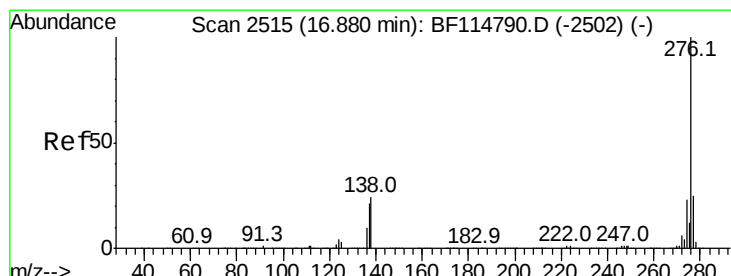
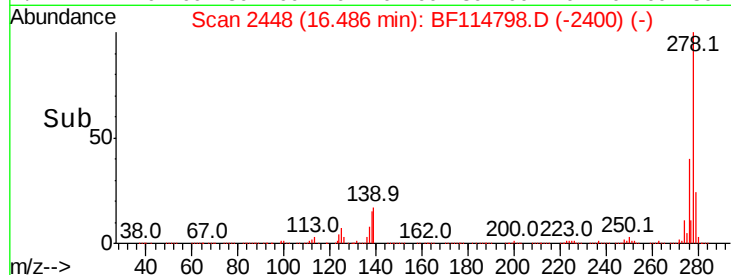
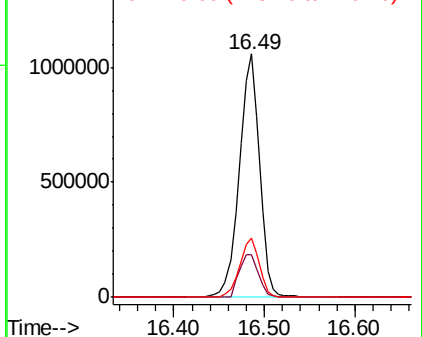
Tot Ion:278 Resp: 1647337
Ion Ratio Lower Upper
278 100
139 17.3 14.6 22.0
279 24.2 20.1 30.1

Manual Integrations
APPROVED

mohammad
6/5/2019 3:40:50 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: 48.414 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.02 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion:276 Resp: 1664743
Ion Ratio Lower Upper
276 100
277 24.1 19.8 29.6
138 24.7 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

