

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117198.D
 Acq On : 20 Sep 2019 20:57
 Operator : HP/JU
 Sample : SP4897
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP4897

Manual Integrations
 APPROVED

mohammad
 9/24/2019 9:12:51 AM

Quant Time: Sep 21 01:09:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	28215	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	126945	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	69024	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	108364	20.00	ng	0.01
76) Chrysene-d12	13.98	240	70183	20.00	ng	0.00
87) Perylene-d12	15.43	264	58322	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	39303	51.973	ng	97
3) Pyridine	3.42	79	93947	45.388	ng	93
4) n-Nitrosodimethylamine	3.39	42	47205	66.456	ng	# 75
6) Aniline	6.48	93	135970	45.217	ng	91
8) 2-Chlorophenol	6.61	128	128616	65.970	ng	95
9) Benzaldehyde	6.37	77	89715	88.266	ng	95
10) Phenol	6.47	94	158721	61.645	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	118456	62.597	ng	99
12) 1,3-Dichlorobenzene	6.76	146	130941	59.852	ng	96
13) 1,4-Dichlorobenzene	6.83	146	134532	60.257	ng	99
14) 1,2-Dichlorobenzene	6.99	146	126181	60.703	ng	96
15) Benzyl Alcohol	6.97	79	118195	65.993	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	109460	58.547	ng	83
17) 2-Methylphenol	7.08	107	104593	64.012	ng	# 90
18) Hexachloroethane	7.33	117	53645	62.458	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	98340	69.147	ng	92
20) 3+4-Methylphenols	7.23	107	143747	70.628	ng	# 84
22) Acetophenone	7.23	105	195640	60.658	ng	96
24) Nitrobenzene	7.40	77	144602	60.606	ng	96
25) Isophorone	7.65	82	265743	62.121	ng	99
26) 2-Nitrophenol	7.72	139	65793	64.198	ng	97
27) 2,4-Dimethylphenol	7.76	122	113165	69.632	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	155670	59.064	ng	99
29) 2,4-Dichlorophenol	7.96	162	108903	63.951	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	108178	58.800	ng	100
31) Naphthalene	8.12	128	370767	60.729	ng	99
32) Benzoic acid	7.92	122	59846	48.663	ng	96
33) 4-Chloroaniline	8.17	127	85876	31.713	ng	99
34) Hexachlorobutadiene	8.24	225	63287	60.632	ng	96
35) Caprolactam	8.56	113	27412m	47.558	ng	
36) 4-Chloro-3-methylphenol	8.67	107	125710	63.310	ng	97
37) 2-Methylnaphthalene	8.82	142	262271	63.794	ng	97
38) 1-Methylnaphthalene	8.92	142	241788	62.794	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	105534	59.209	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	114328	138.726	nq	100
43) 2,4,6-Trichlorophenol	9.10	196	70263	58.089	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	74455	57.613	nq	96
46) 1,1'-Biphenyl	9.28	154	316024	58.369	nq	99
47) 2-Chloronaphthalene	9.30	162	246357	57.654	nq	100
48) 2-Nitroaniline	9.40	65	76597	55.887	nq	90
49) Acenaphthylene	9.72	152	380224	59.399	nq	99
50) Dimethylphthalate	9.58	163	289427	59.221	nq	99
51) 2,6-Dinitrotoluene	9.65	165	61746	62.033	nq #	76
52) Acenaphthene	9.89	154	221490	58.371	nq	99
53) 3-Nitroaniline	9.82	138	38594	30.731	nq	93
54) 2,4-Dinitrophenol	9.93	184	45009	101.889	nq	97
55) Dibenzofuran	10.06	168	342447	61.167	nq	98
56) 4-Nitrophenol	9.99	139	75405	92.642	nq	83
57) 2,4-Dinitrotoluene	10.06	165	80073	61.973	nq #	86
58) Fluorene	10.41	166	278785	61.817	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	57896	58.543	nq #	97
60) Diethylphthalate	10.28	149	303315	63.083	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	126526	64.844	nq	95
62) 4-Nitroaniline	10.44	138	64883	49.679	nq #	84
63) Azobenzene	10.56	77	307343	62.586	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	33132	64.355	nq	89
66) n-Nitrosodiphenylamine	10.52	169	241163	64.440	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	72934	65.905	nq	93
68) Hexachlorobenzene	10.96	284	73145	60.430	nq #	91
69) Atrazine	11.05	200	66192	111.723	nq	98
70) Pentachlorophenol	11.16	266	67631	119.199	nq	98
71) Phenanthrene	11.37	178	371119	60.295	nq	99
72) Anthracene	11.42	178	391124	62.243	nq	100
73) Carbazole	11.57	167	335113	56.183	nq	98
74) Di-n-butylphthalate	11.90	149	486001	68.484	nq	98
75) Fluoranthene	12.56	202	370010	58.506	nq	98
77) Benzidine	12.67	184	224173	99.158	nq	99
78) Pyrene	12.79	202	360650	61.243	nq	99
80) Butylbenzylphthalate	13.39	149	190059	68.303	nq	97
81) Benzo(a)anthracene	13.97	228	274552	58.552	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	54109	35.810	nq	97
83) Chrysene	14.01	228	264862	57.915	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	276573	77.088	nq	98
85) Di-n-octyl phthalate	14.56	149	427984	75.791	nq	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	195540	58.606	nq	97
88) Benzo(b)fluoranthene	15.02	252	210235	59.510	nq	99
89) Benzo(k)fluoranthene	15.04	252	209319	62.548	nq	98
90) Benzo(a)pyrene	15.37	252	193386	62.381	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	166392	67.376	nq	97
92) Benzo(g,h,i)perylene	17.32	276	149121	60.595	nq	95

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

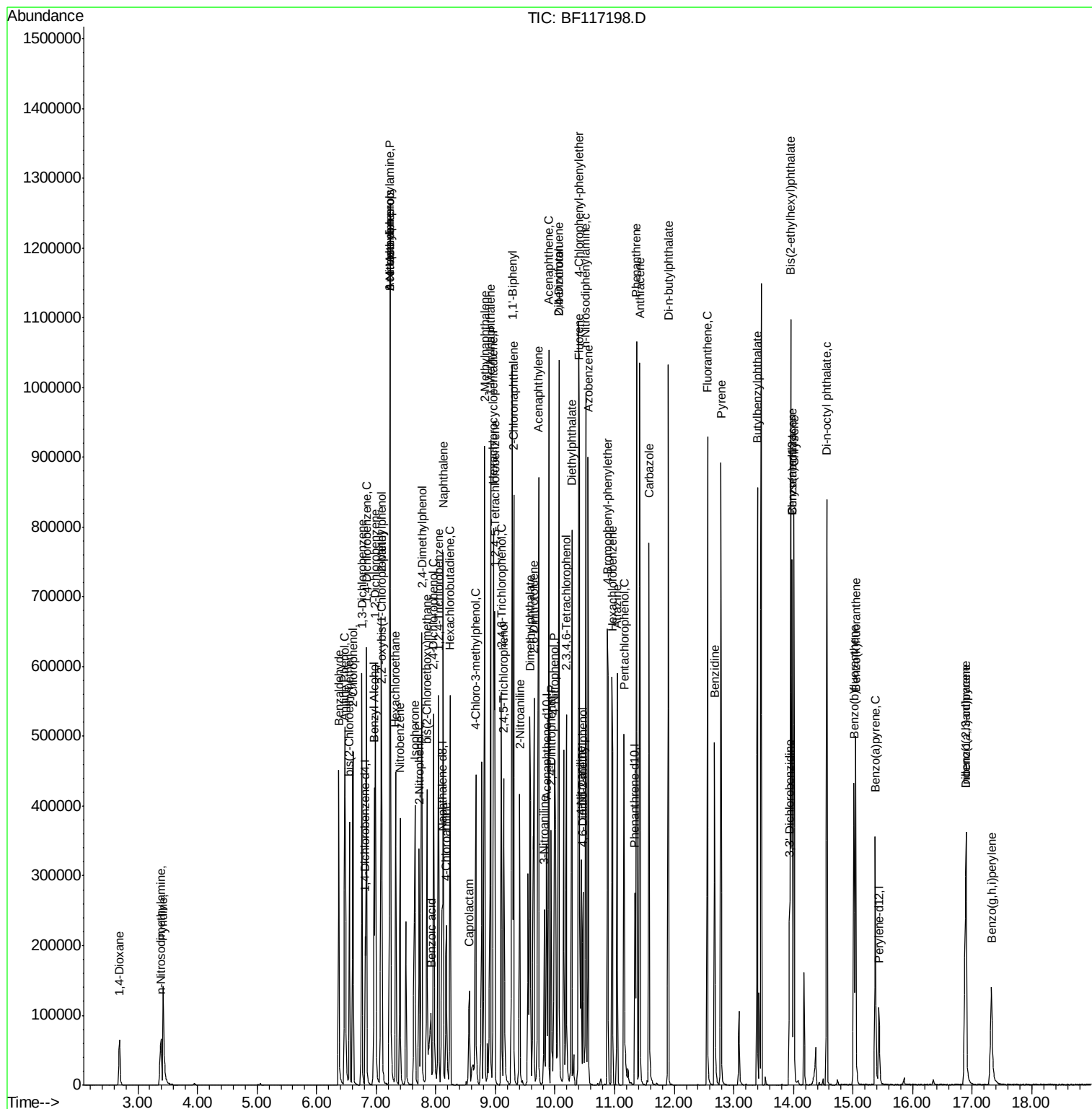
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
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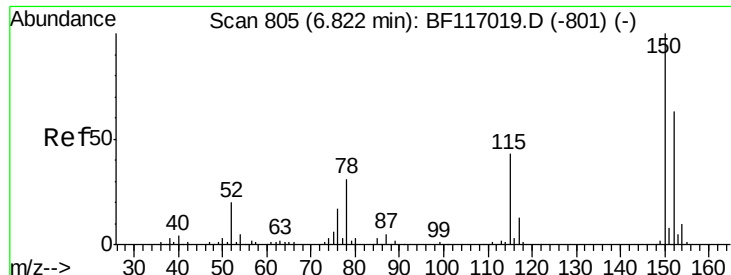
Instrument :
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ClientSampled :
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#1

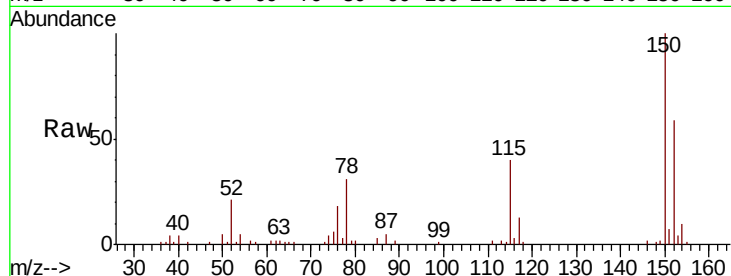
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampled :
SP4897

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.9	127.5	191.3
115	67.9	55.0	82.4

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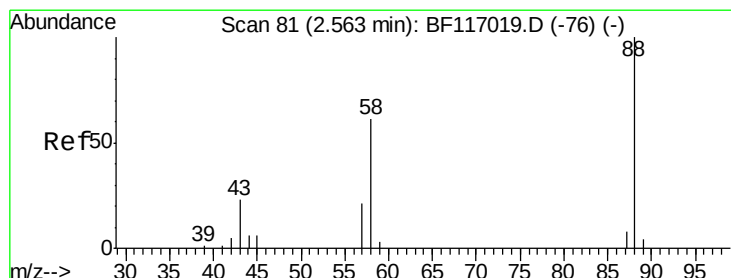
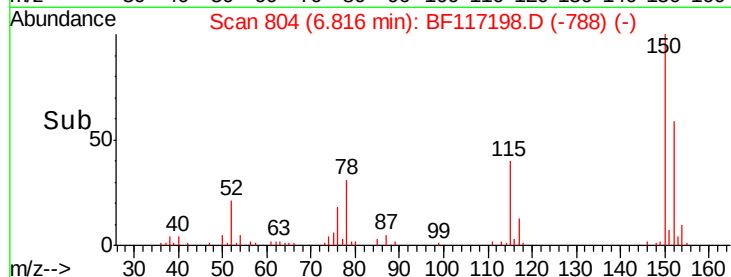
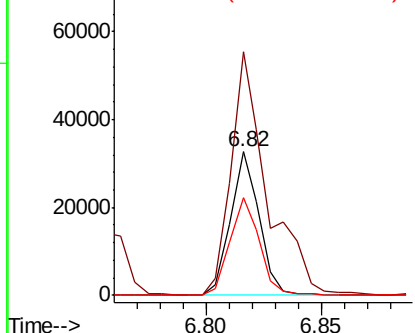


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

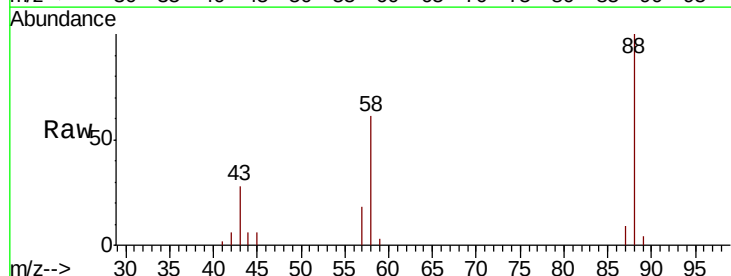
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 51.973 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.13 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.1	49.3	73.9
43	27.1	18.8	28.2

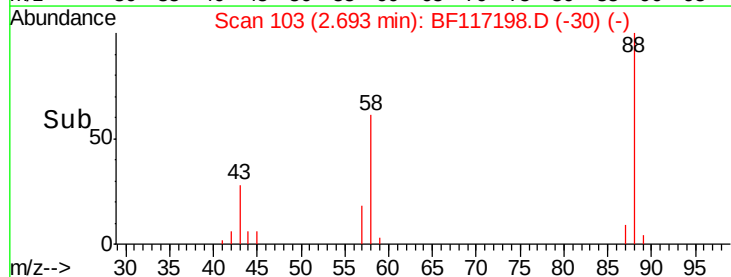
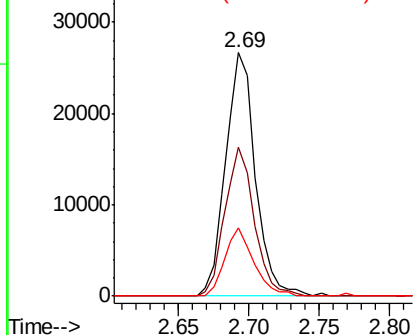


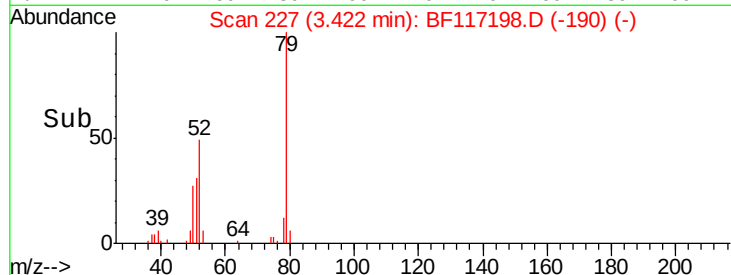
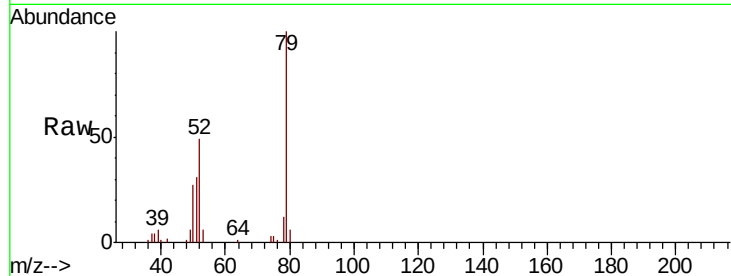
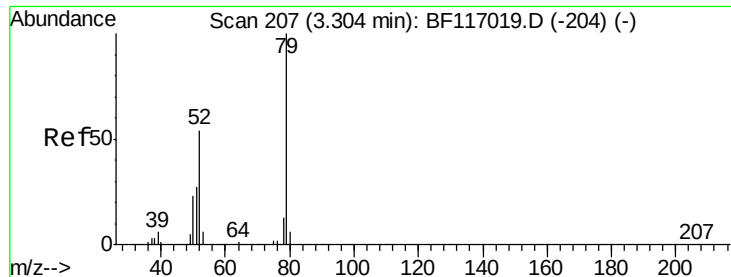
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





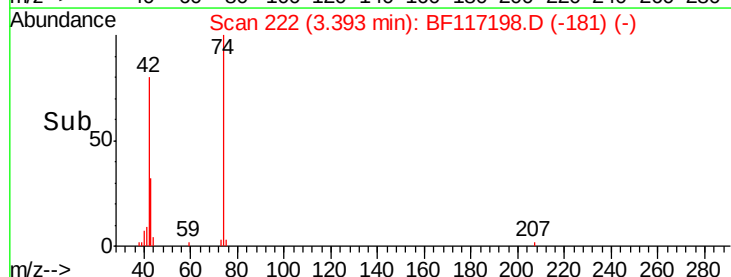
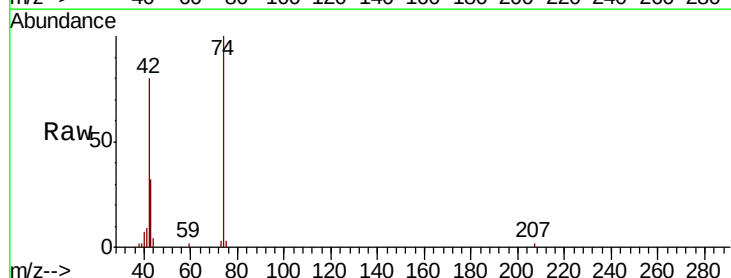
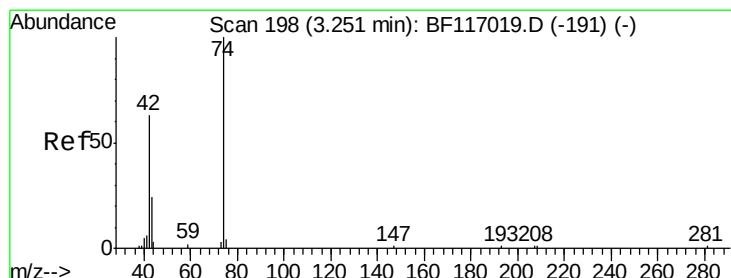
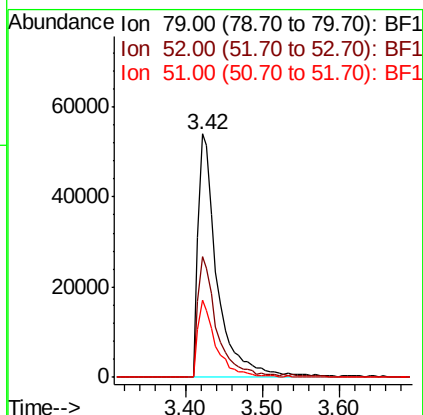
#3
Pvridine
Concen: 45.388 ng
RT: 3.42 min Scan# 227
Delta R.T. 0.12 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tot Ion:	79	Resp:	93947
Ion Ratio	Lower	Upper	
79	100		
52	49.4	43.5	65.3
51	31.5	21.8	32.6

Instrument :
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ClientSampleId :
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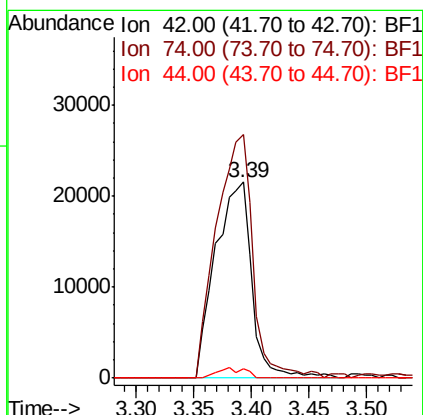
Manual Integrations
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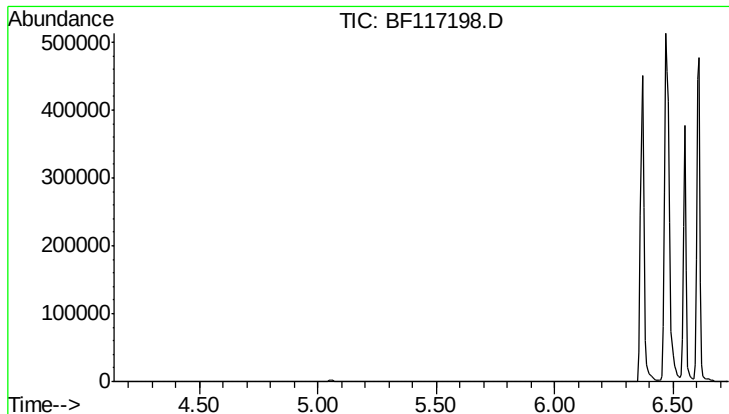
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#4
n-Nitrosodimethylamine
Concen: 66.456 ng
RT: 3.39 min Scan# 222
Delta R.T. 0.14 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion:	42	Resp:	47205
Ion Ratio	Lower	Upper	
42	100		
74	124.4	127.1	190.7#
44	4.8	4.3	6.5





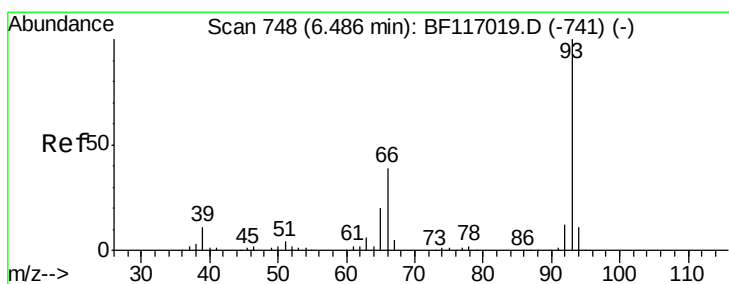
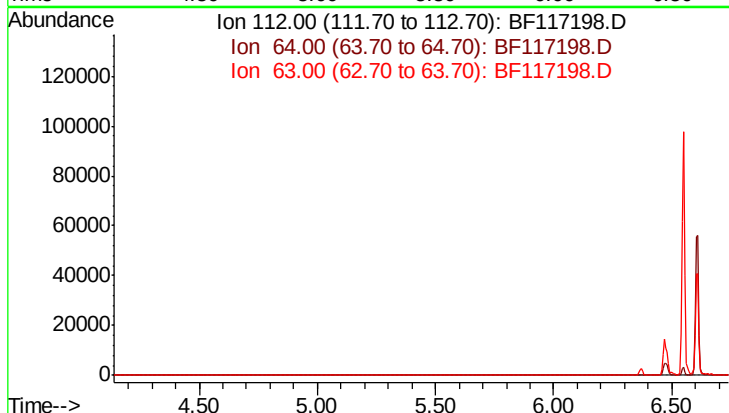
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.44 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP4897

Tot Ion: 112
 Sig Exp Ratio
 112 100
 64 57.1
 63 31.1

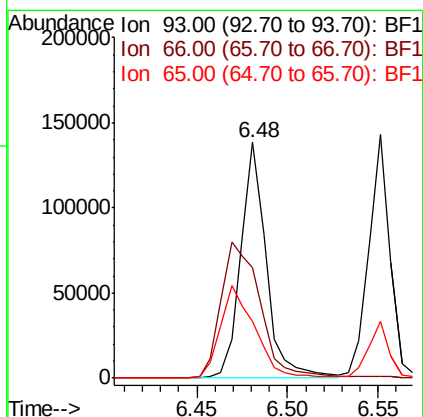
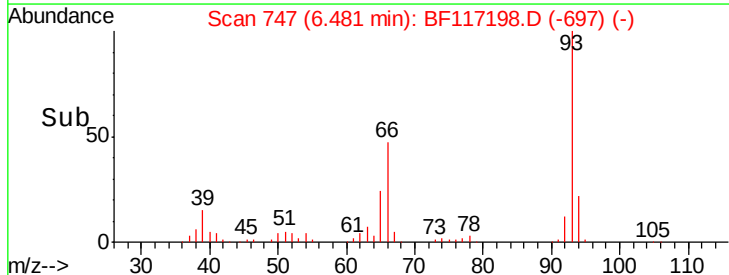
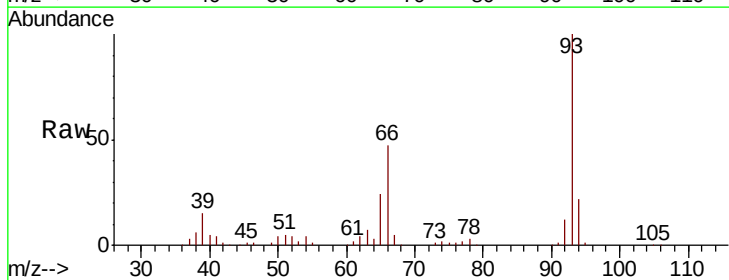
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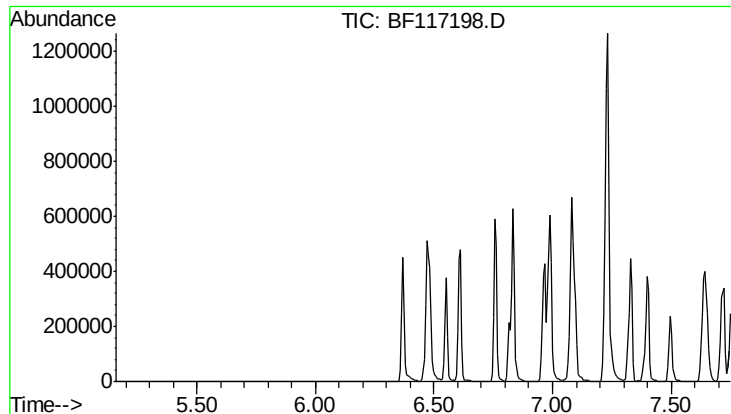
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#6
 Aniline
 Concen: 45.217 ng
 RT: 6.48 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion: 93 Resp: 135970
 Ion Ratio Lower Upper
 93 100
 66 46.8 32.6 49.0
 65 23.9 16.7 25.1





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.46 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Tot Ion: 99

Sig Exp Ratio

99 100

42 15.2

71 37.3

Instrument :

BNA_F

ClientSampleId :

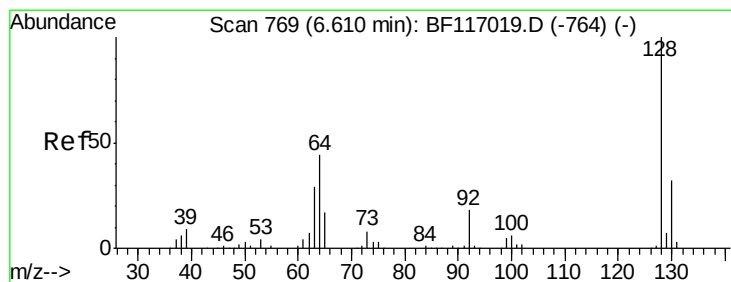
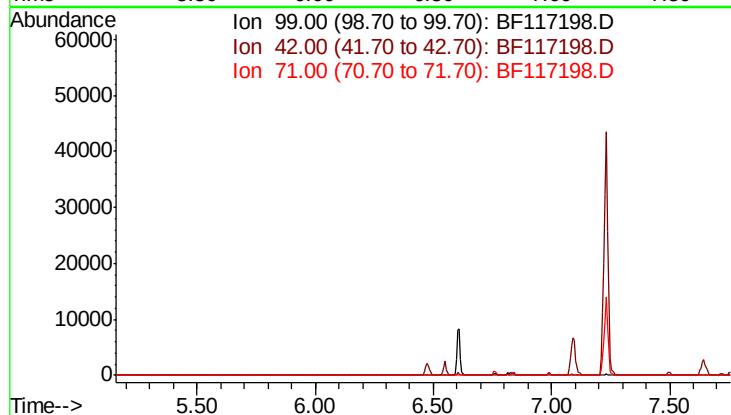
SP4897

Manual Integrations

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#8

2-Chlorophenol

Concen: 65.970 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

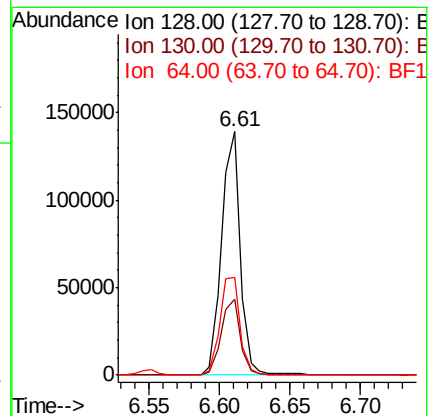
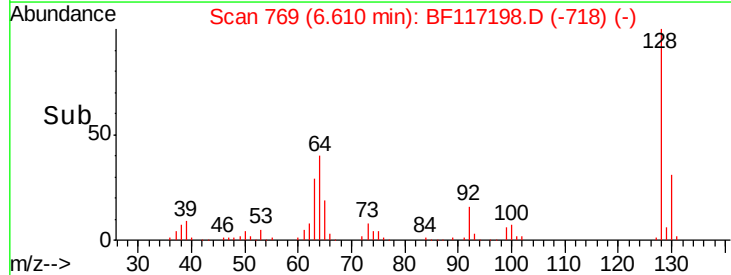
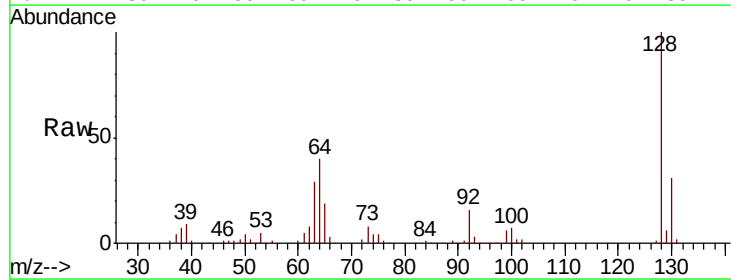
Tgt Ion:128 Resp: 128616

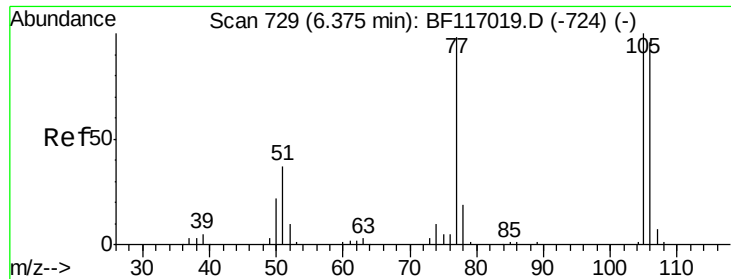
Ion Ratio Lower Upper

128 100

130 31.4 11.8 51.8

64 40.1 25.0 65.0





#9

Benzaldehyde

Concen: 88.266 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

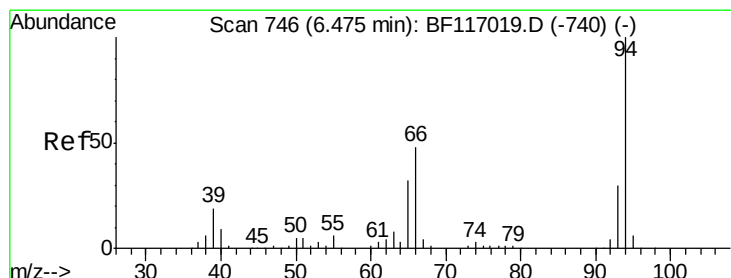
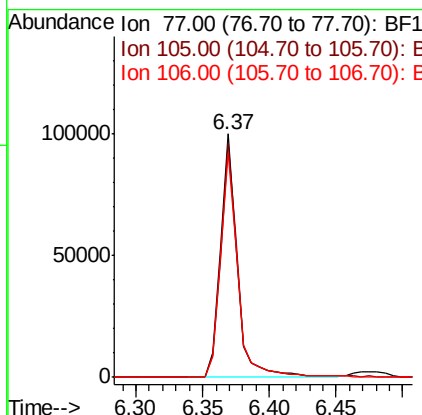
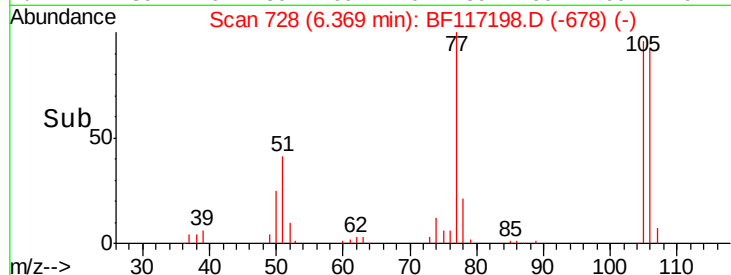
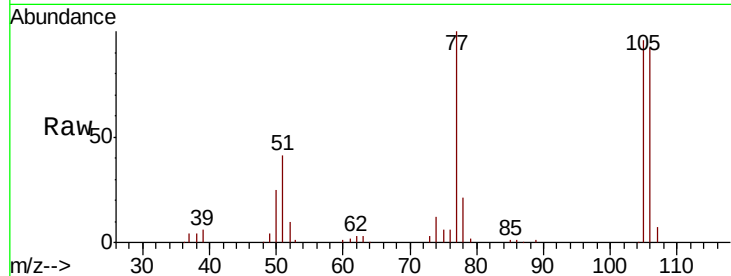
ClientSampled :

SP4897

Tot Ion:	77	Resp:	89715
Ion	Ratio	Lower	Upper
77	100		
105	96.5	81.8	121.8
106	92.4	77.3	117.3

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#10

Phenol

Concen: 61.645 ng

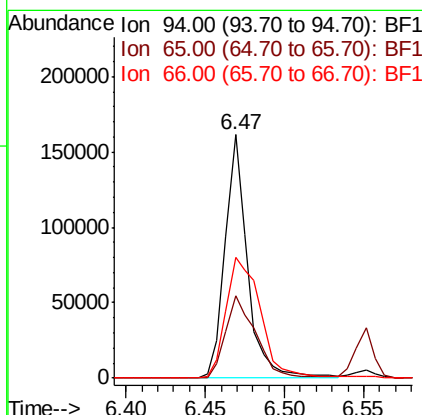
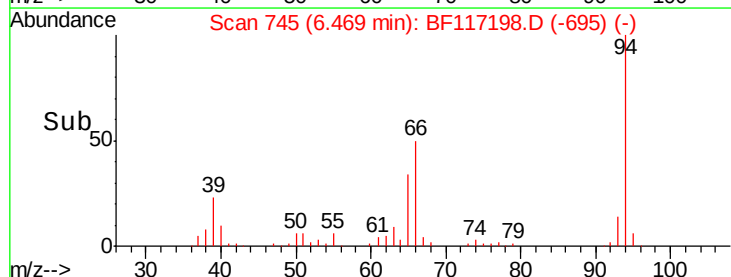
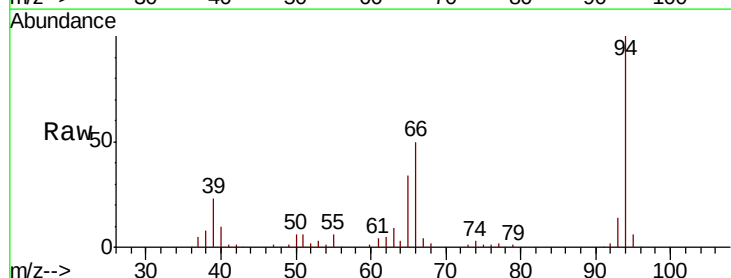
RT: 6.47 min Scan# 745

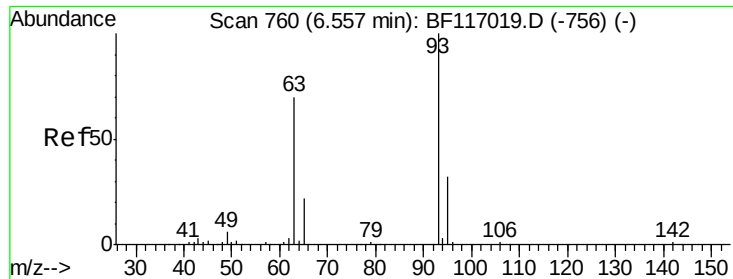
Delta R.T. -0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Tgt Ion:	94	Resp:	158721
Ion	Ratio	Lower	Upper
94	100		
65	33.9	12.5	52.5
66	49.6	28.9	68.9





#11

bis(2-Chloroethyl)ether

Concen: 62.597 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

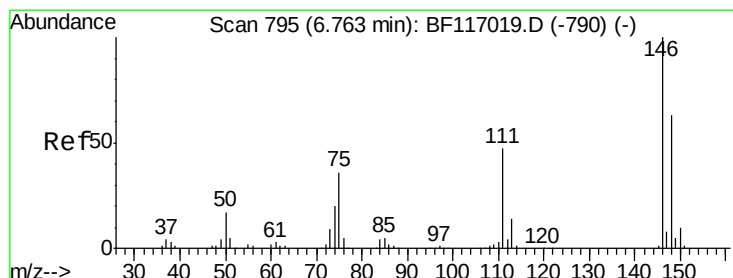
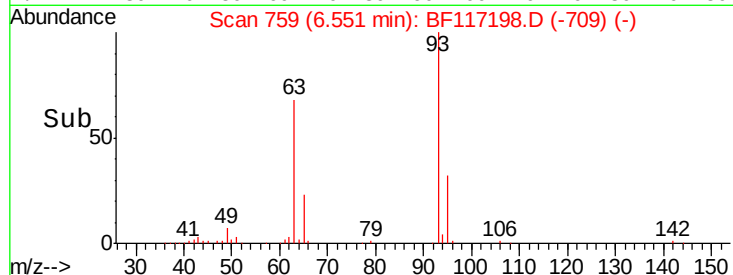
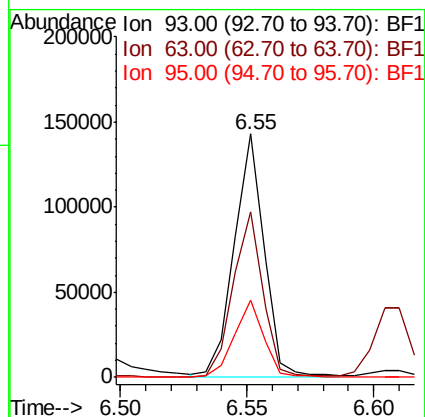
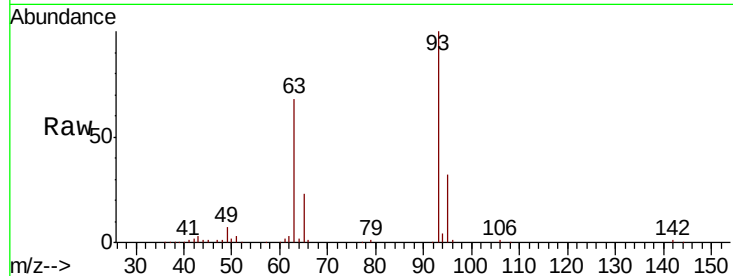
ClientSampleId :

SP4897

Tot Ion:	93	Resp:	118456
Ion Ratio	Lower	Upper	
93	100		
63	68.3	49.3	89.3
95	31.9	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 59.852 ng

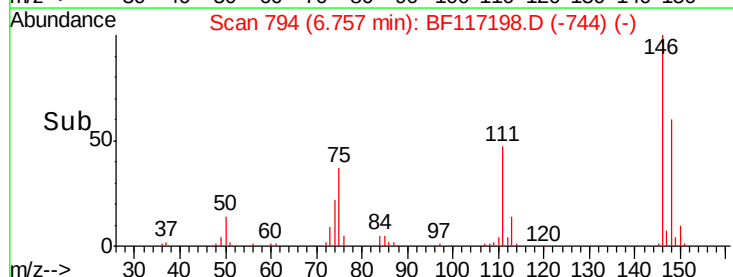
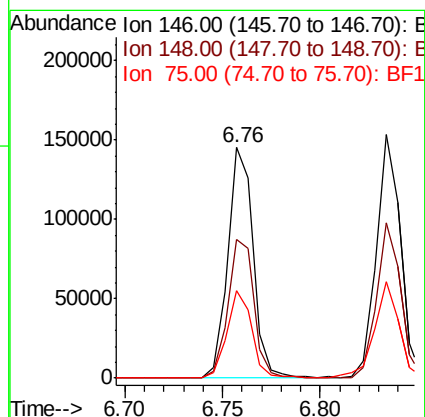
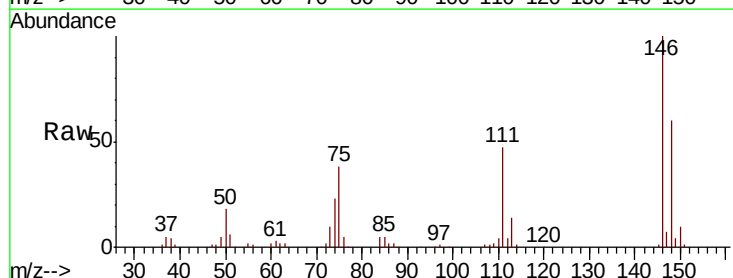
RT: 6.76 min Scan# 794

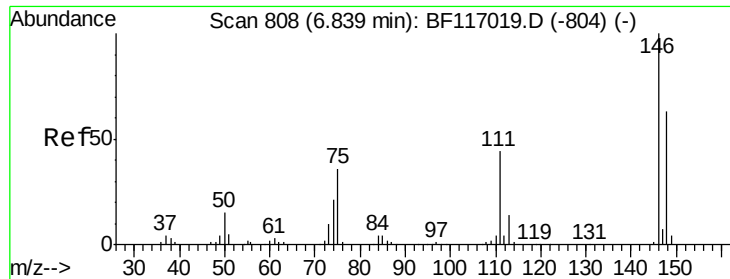
Delta R.T. -0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Tgt Ion:	146	Resp:	130941
Ion Ratio	Lower	Upper	
146	100		
148	60.4	50.8	76.2
75	37.8	28.7	43.1





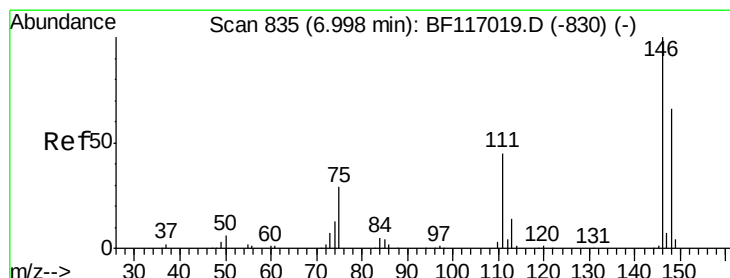
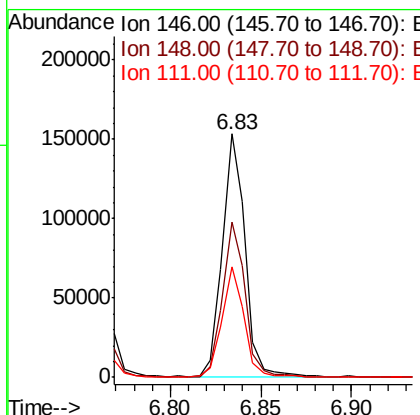
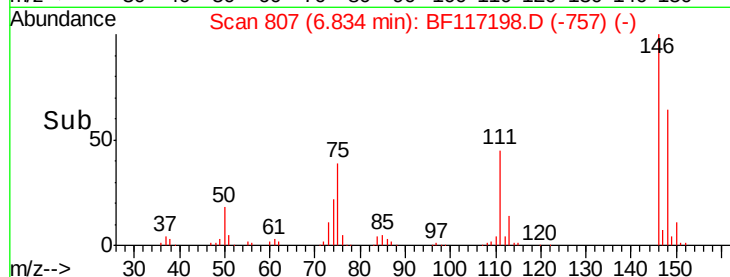
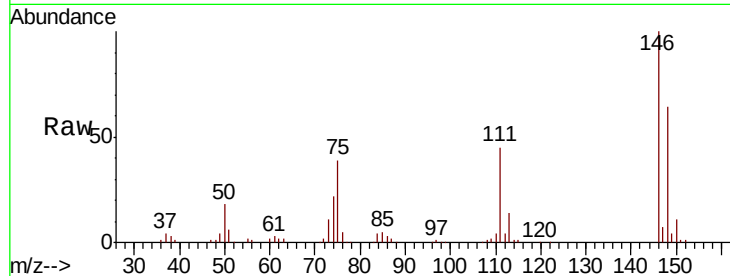
#13
 1,4-Dichlorobenzene
 Concen: 60.257 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP4897

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	76.0
111	45.4	35.0	52.6

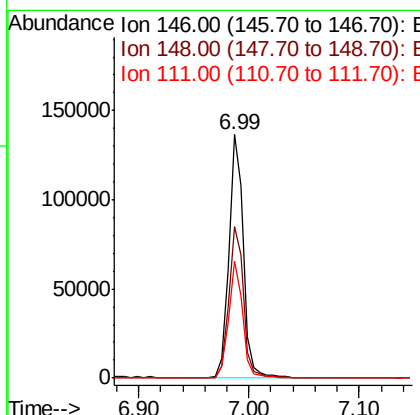
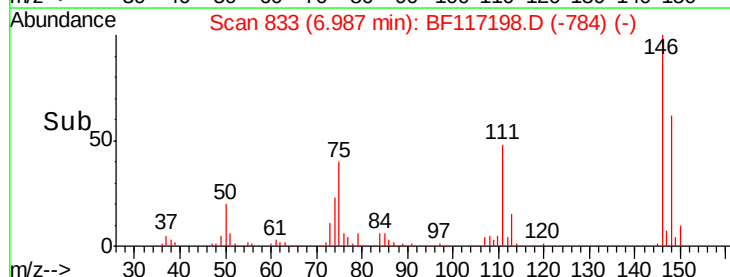
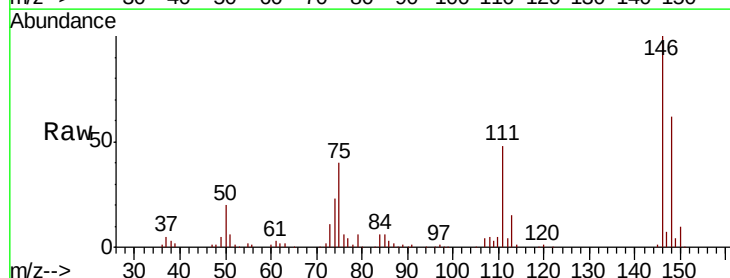
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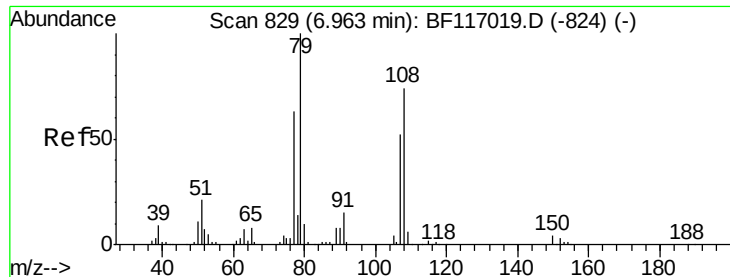
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#14
 1,2-Dichlorobenzene
 Concen: 60.703 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.6	78.8
111	48.0	36.2	54.2





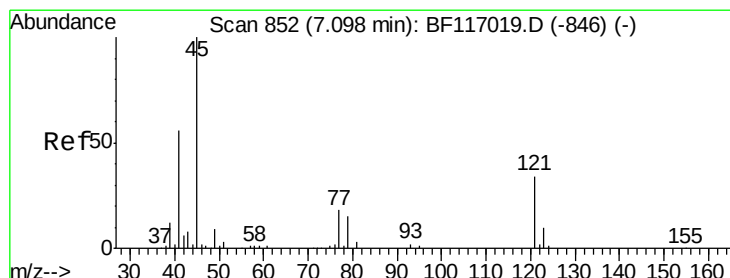
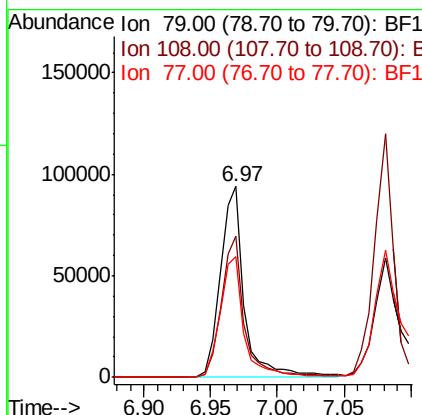
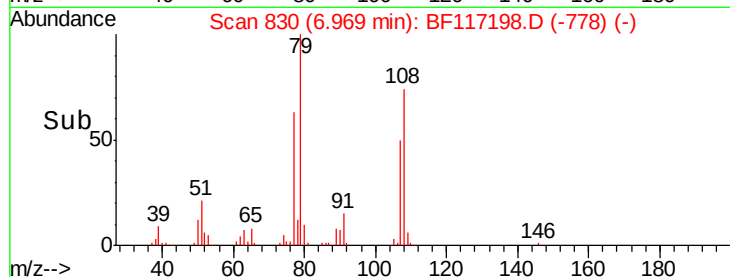
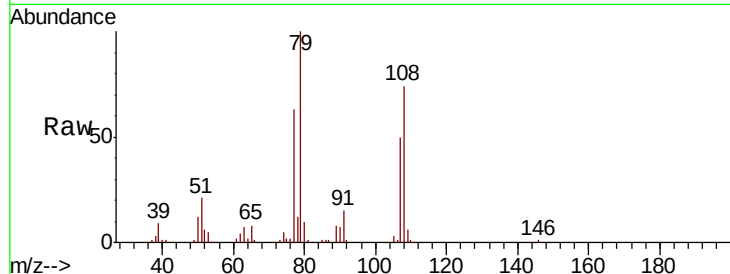
#15
Benzyl Alcohol
Concen: 65.993 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :
SP4897

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.3	59.4	89.0
77	63.4	50.2	75.2

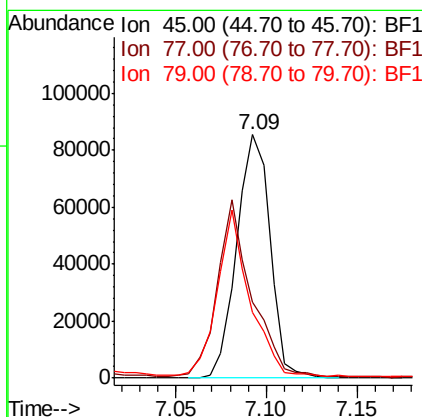
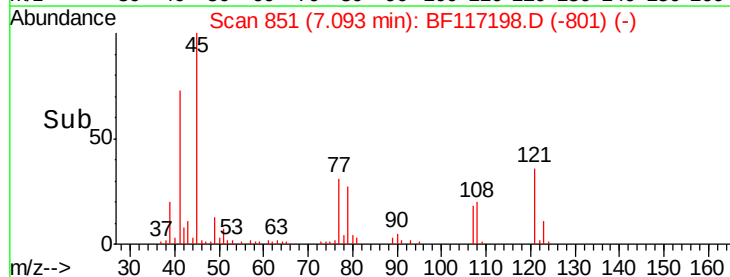
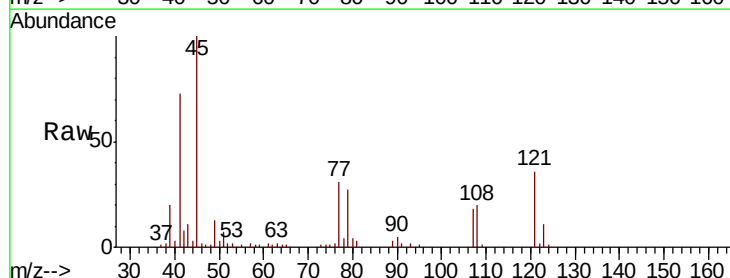
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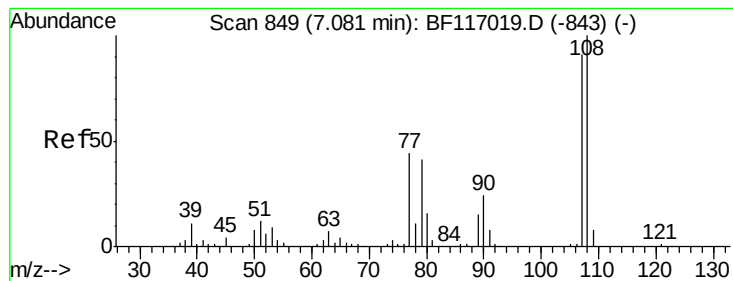
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#16
2,2'-oxybis(1-chloropropane)
Concen: 58.547 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.0	2.7	42.7
79	26.8	0.0	38.9





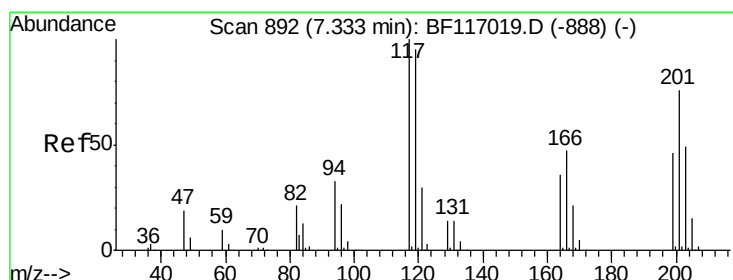
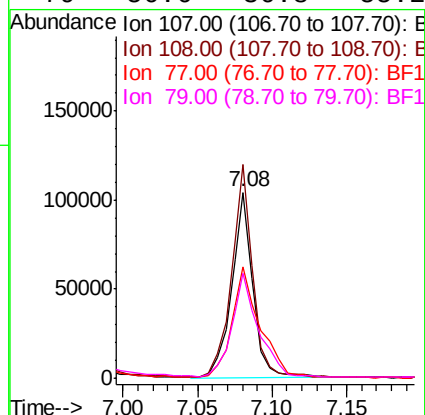
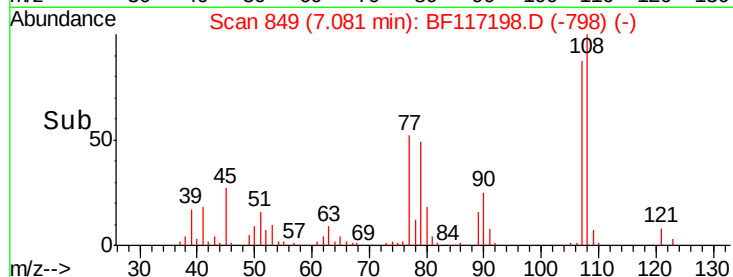
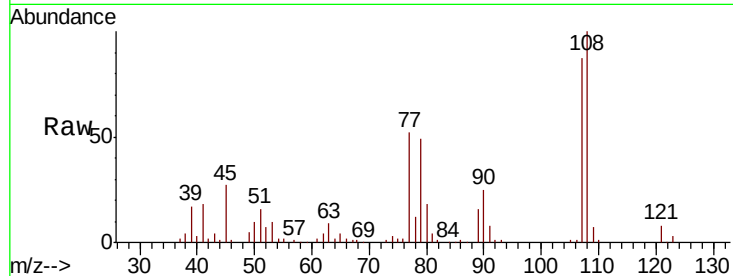
#17
2-Methylphenol
Concen: 64.012 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleID :
SP4897

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	87.7	131.5	
77	60.0	38.6	58.0	
79	56.6	36.8	55.2	

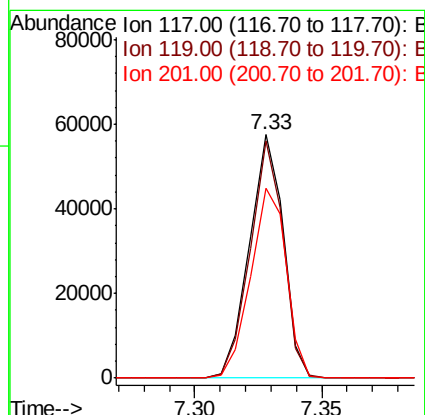
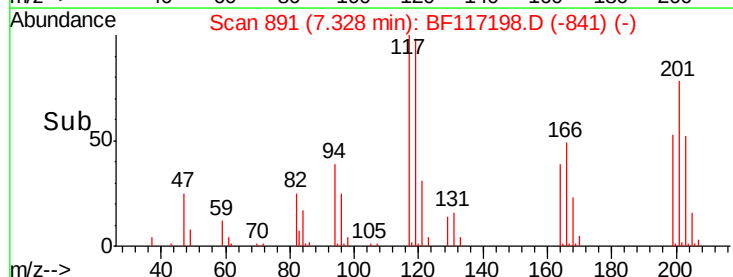
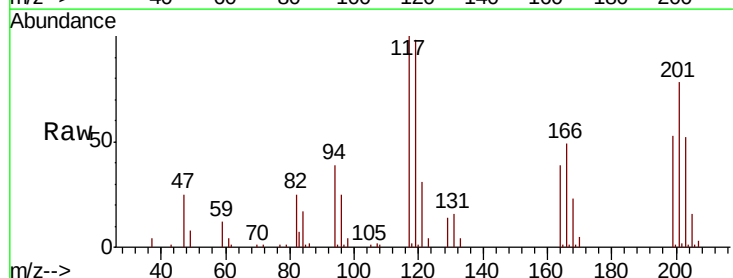
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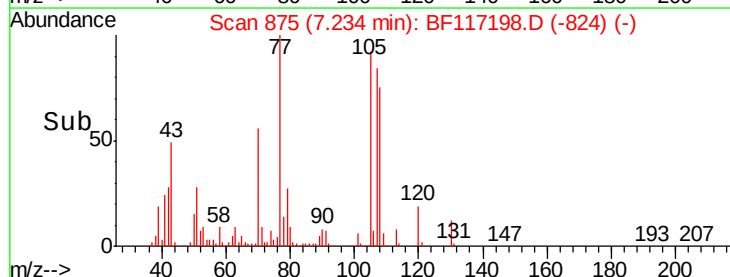
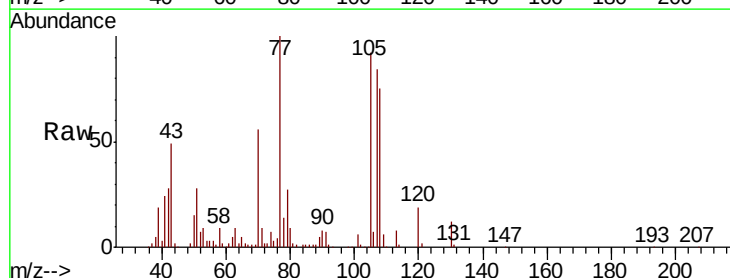
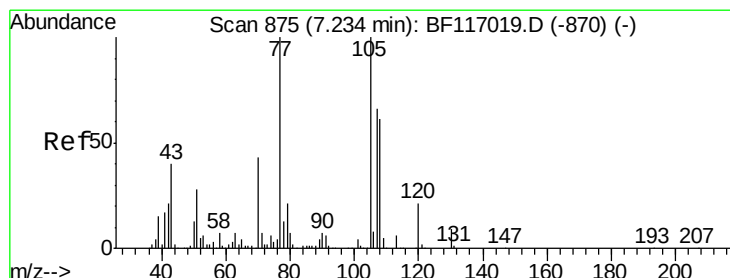
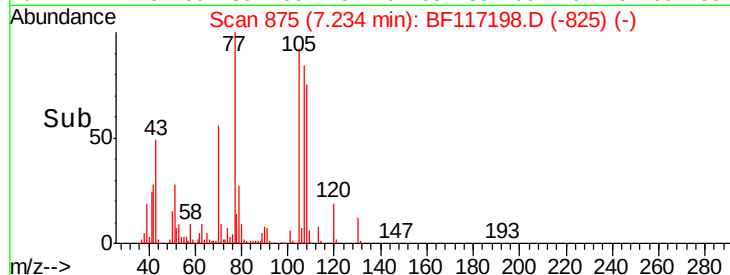
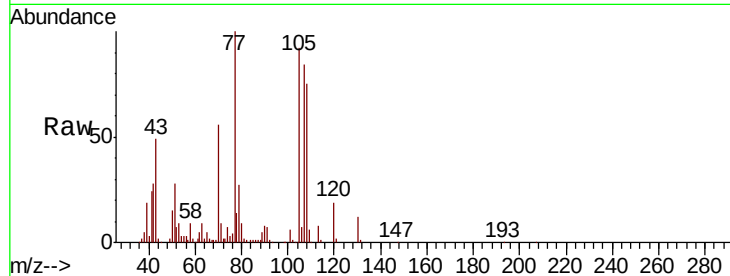
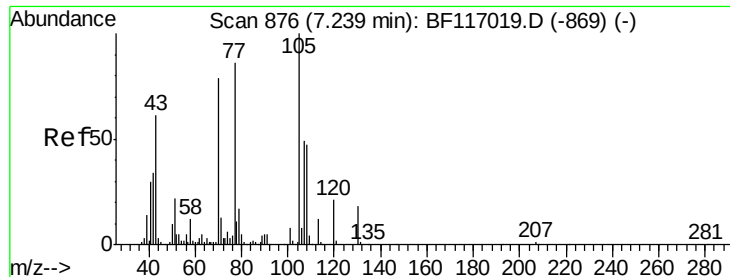
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#18
Hexachloroethane
Concen: 62.458 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	75.8	113.8	
201	77.8	60.9	91.3	





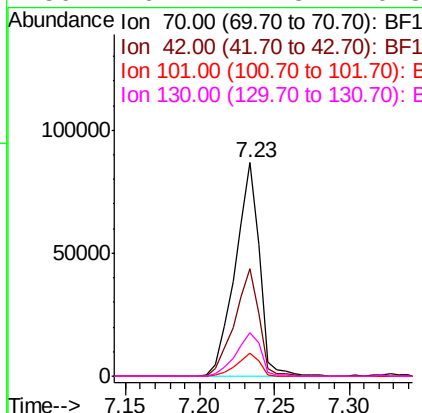
#19
n-Nitroso-di-n-propylamine
Concen: 69.147 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampled :
SP4897

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.1	34.0	51.0
101	10.8	7.8	11.6
130	20.7	17.8	26.8

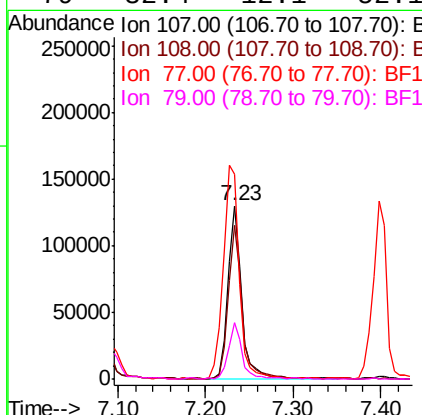
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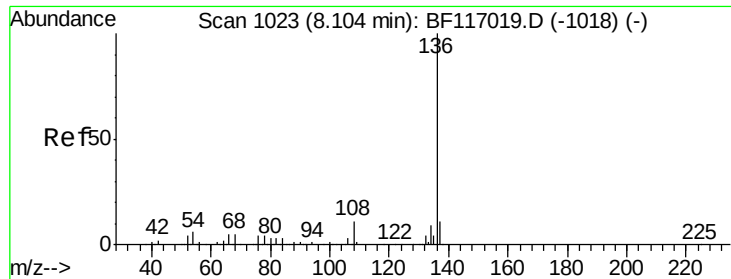
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#20
3+4-Methylphenols
Concen: 70.628 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	72.6	112.6
77	118.7	132.1	172.1#
79	32.4	12.1	52.1





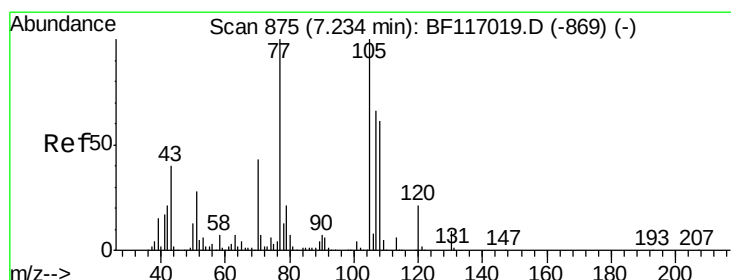
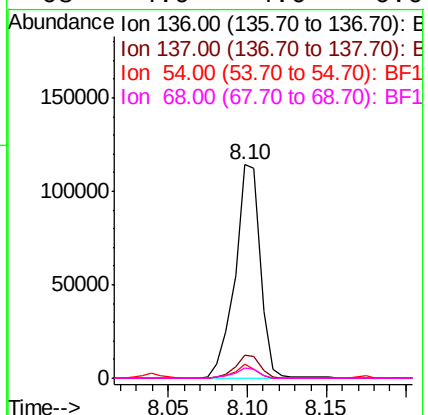
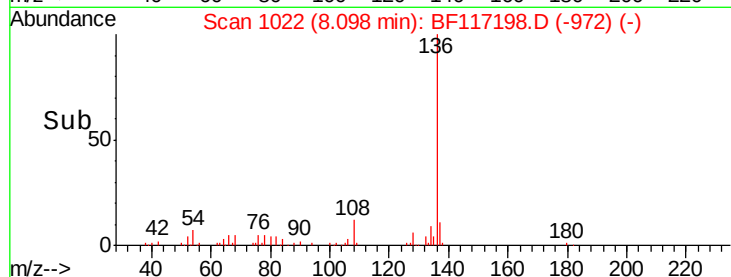
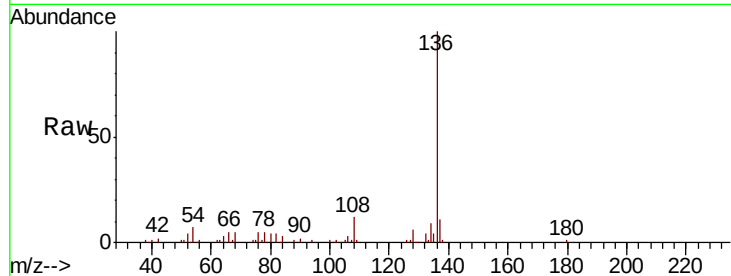
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :
SP4897

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		126945		
137	10.9		9.0	13.4	
54	6.6		4.5	6.7	
68	4.9		4.0	6.0	

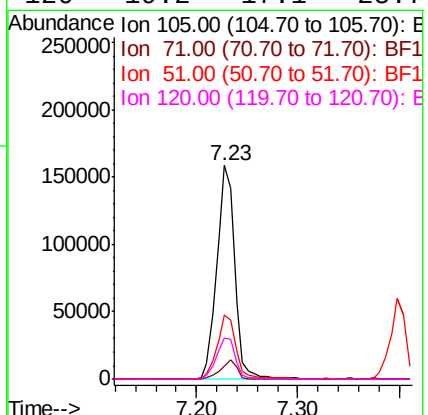
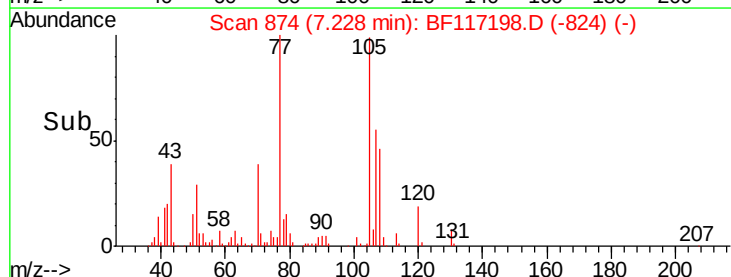
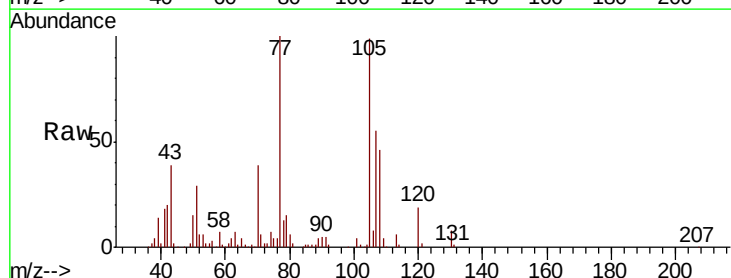
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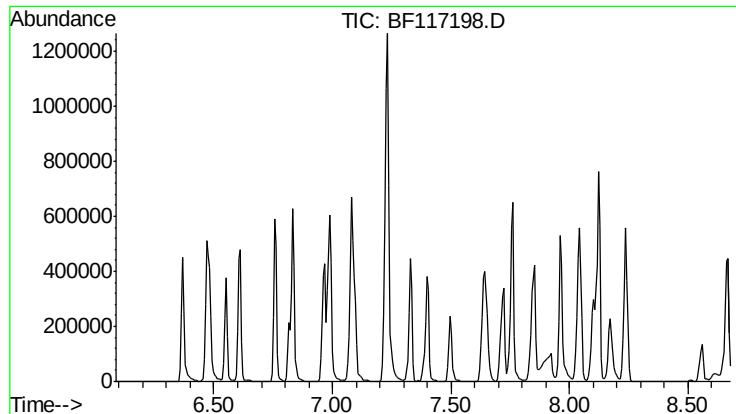
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#22
Acetophenone
Concen: 60.658 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		195640		
71	6.2		5.7	8.5	
51	29.7		22.1	33.1	
120	19.2		17.1	25.7	





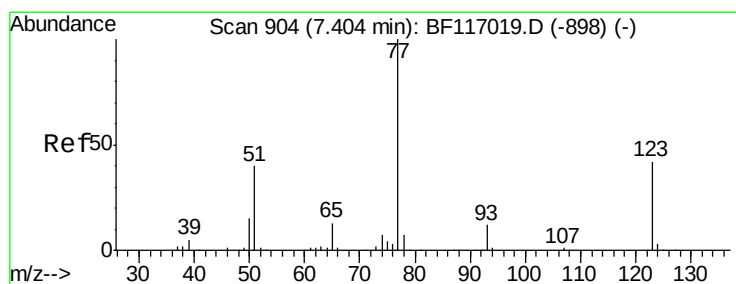
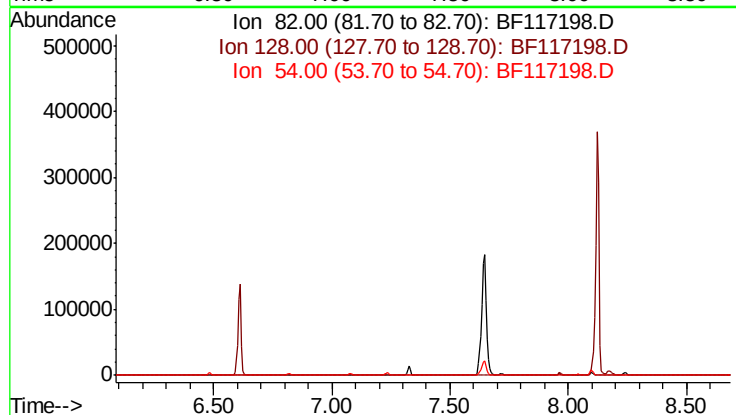
#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.39 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP4897

Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 40.4
 54 41.6

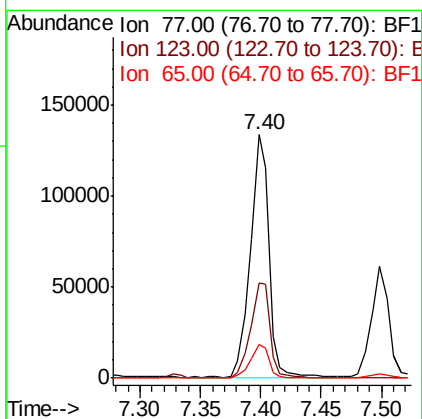
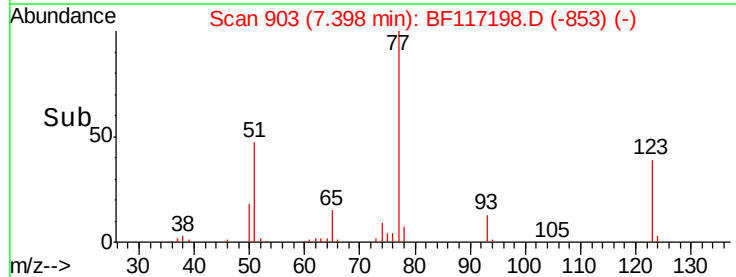
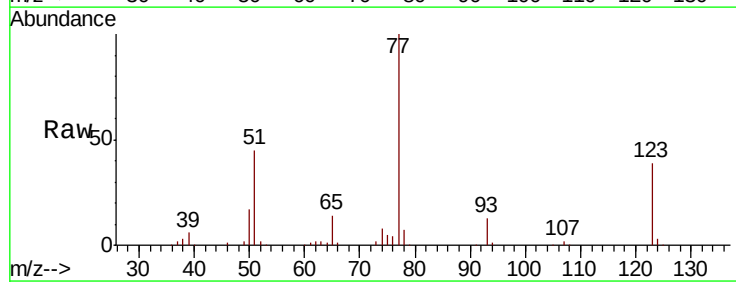
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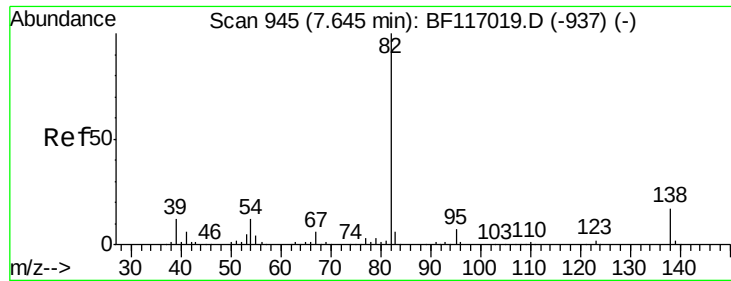
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#24
 Nitrobenzene
 Concen: 60.606 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion: 77 Resp: 144602
 Ion Ratio Lower Upper
 77 100
 123 39.0 33.5 50.3
 65 14.1 10.5 15.7





#25

Isophorone

Concen: 62.121 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

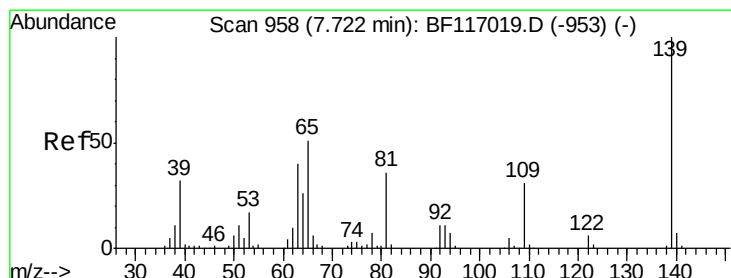
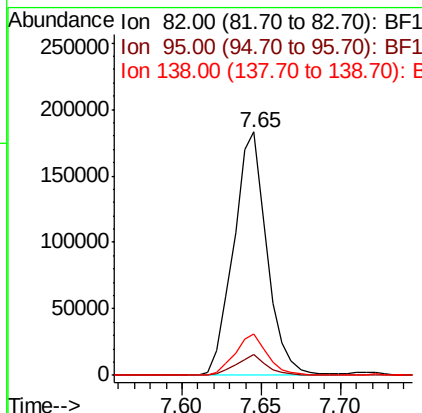
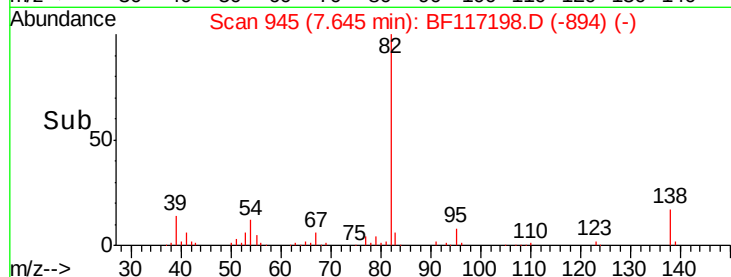
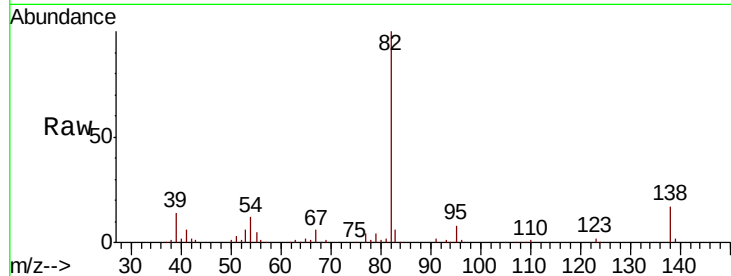
ClientSampleId :

SP4897

Tot Ion:	82	Resp:	265743
Ion Ratio	Lower	Upper	
82	100		
95	8.5	5.8	8.6
138	17.1	13.5	20.3

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#26

2-Nitrophenol

Concen: 64.198 ng

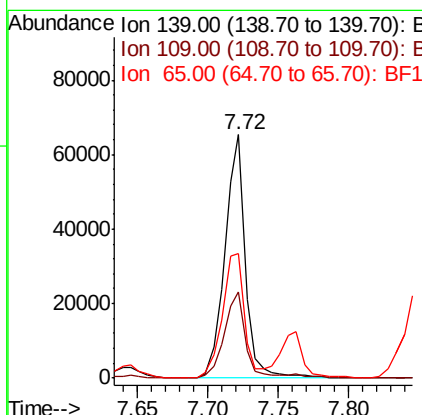
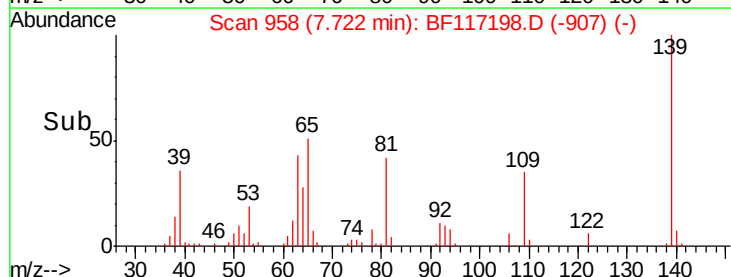
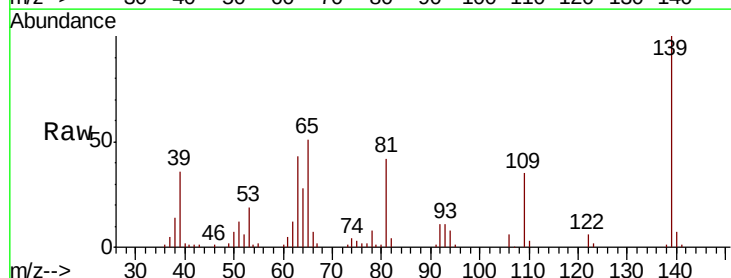
RT: 7.72 min Scan# 958

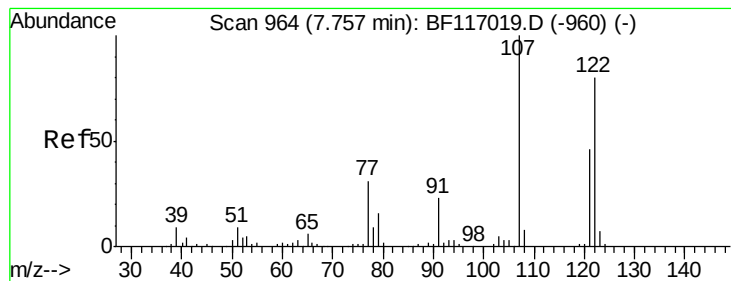
Delta R.T. 0.00 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Tgt Ion:	139	Resp:	65793
Ion Ratio	Lower	Upper	
139	100		
109	35.3	24.6	36.8
65	51.4	40.9	61.3





#27

2,4-Dimethylphenol

Concen: 69.632 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

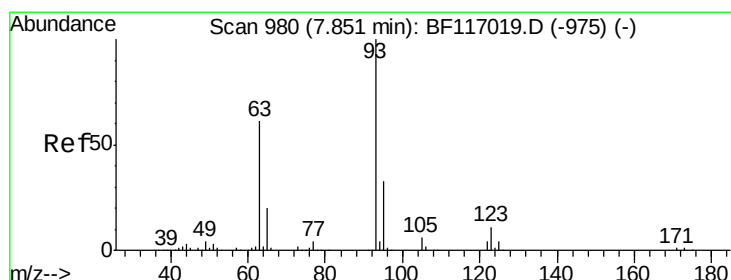
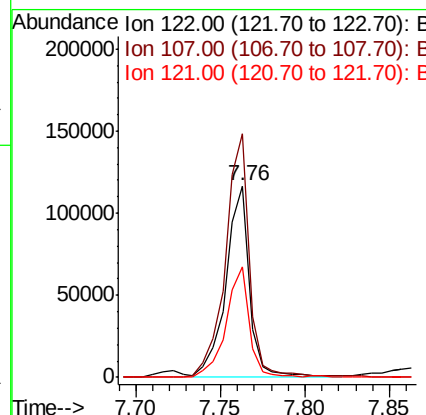
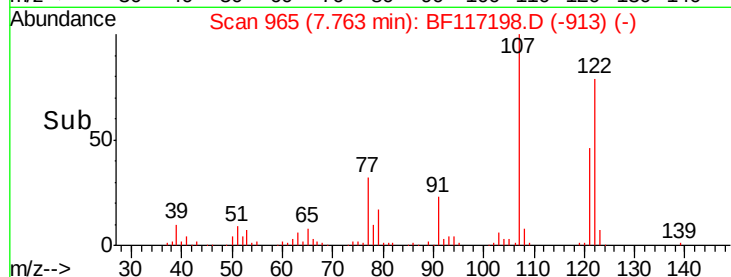
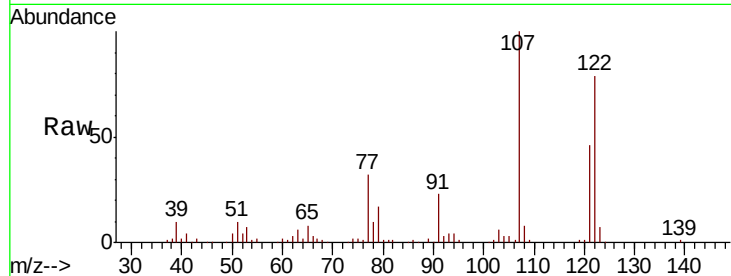
ClientSampled :

SP4897

Tot Ion:	122	Resp:	113165
Ion Ratio	Lower	Upper	
122	100		
107	127.0	98.9	148.3
121	57.8	45.3	67.9

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#28

bis(2-Chloroethoxy)methane

Concen: 59.064 ng

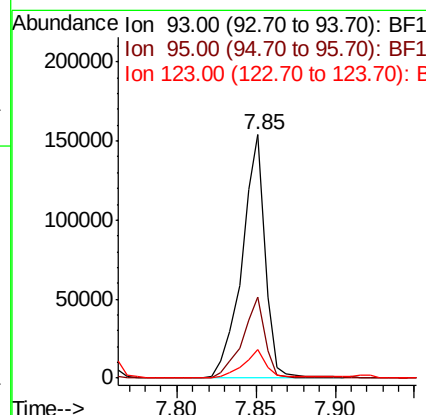
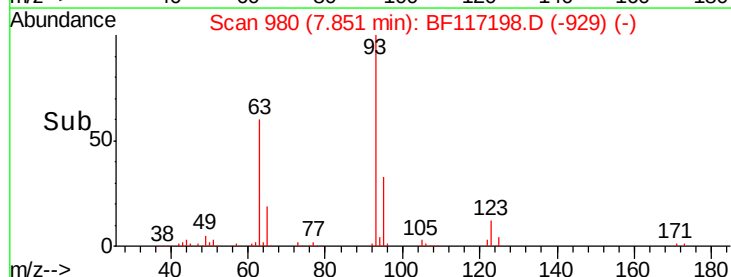
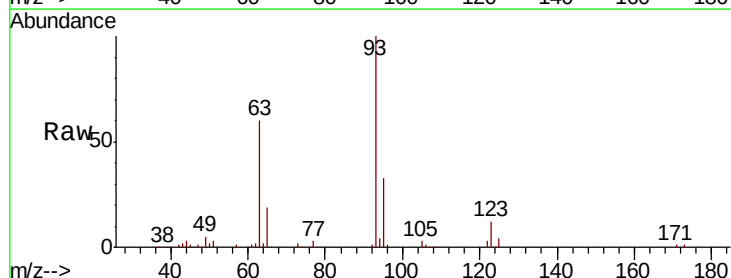
RT: 7.85 min Scan# 980

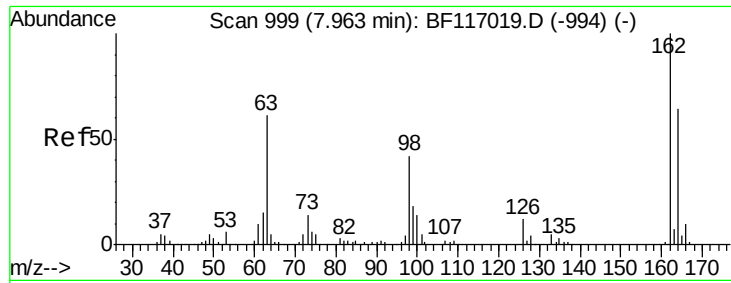
Delta R.T. 0.00 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Tgt Ion:	93	Resp:	155670
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.2	39.4
123	11.7	9.0	13.6





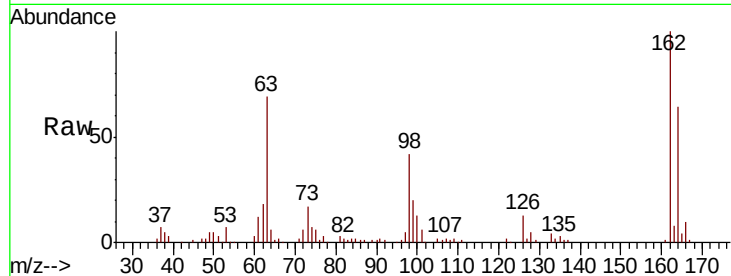
#29
2,4-Dichlorophenol
Concen: 63.951 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampled :
SP4897

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		108903		
164	64.2	43.8	83.8		
98	42.4	22.1	62.1		

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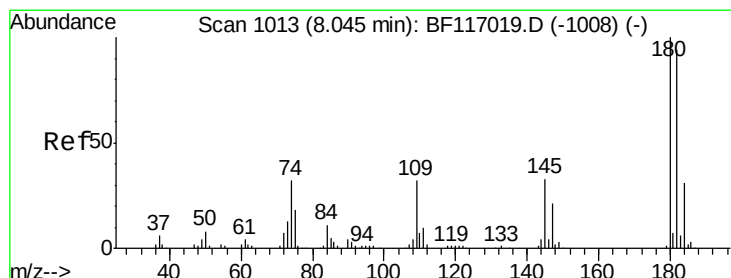
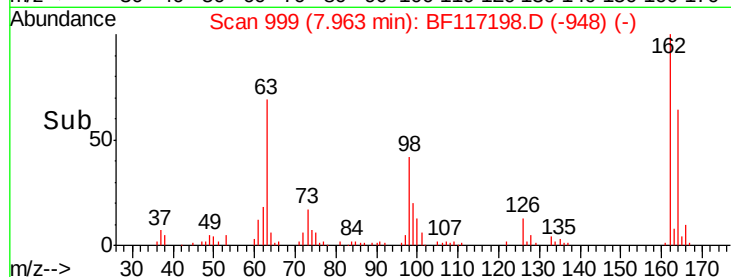
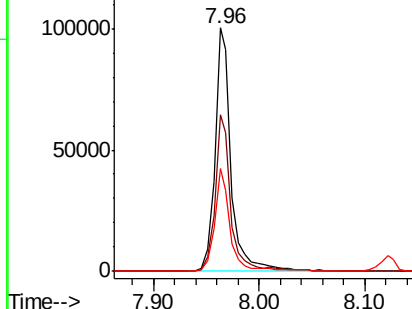


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 58.800 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

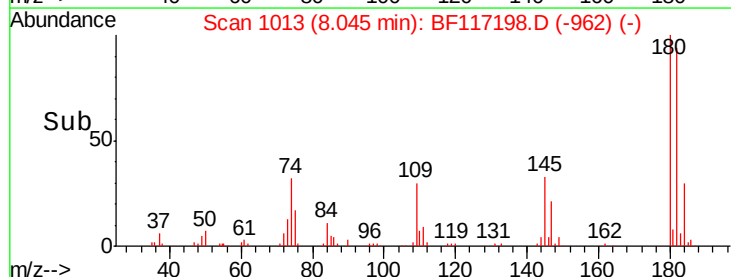
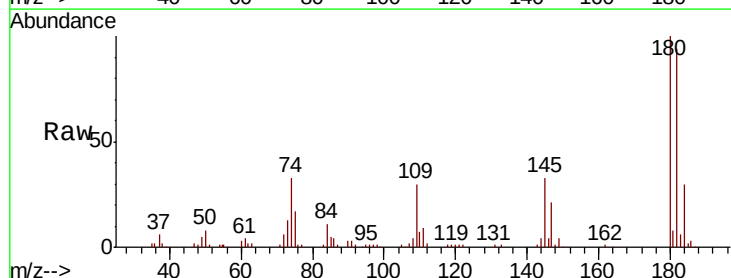
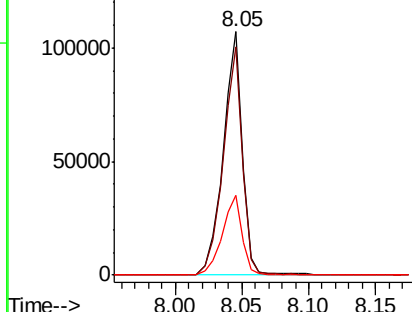
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		108178		
182	93.9	75.4	113.0		
145	32.8	26.7	40.1		

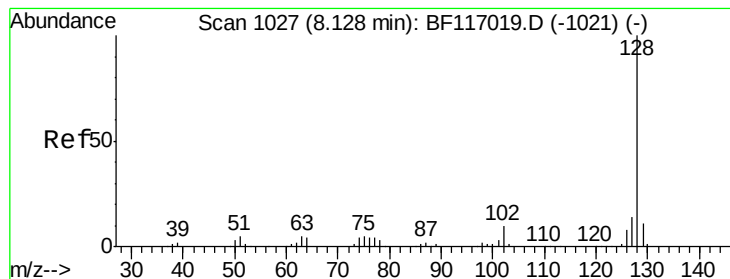
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 60.729 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

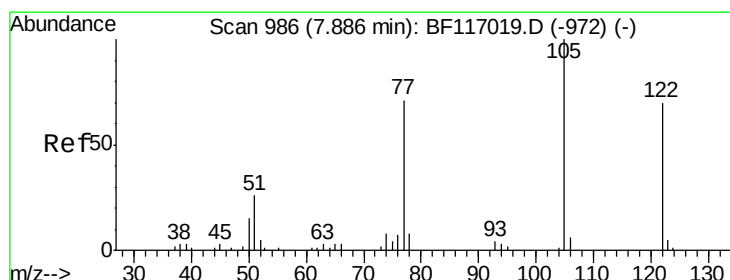
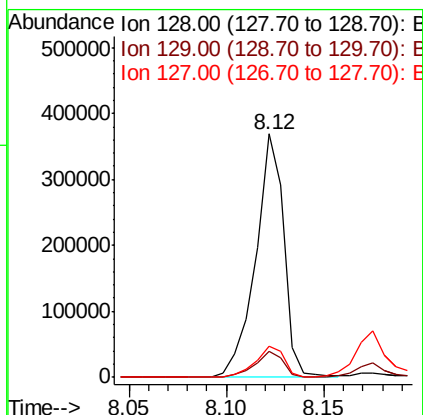
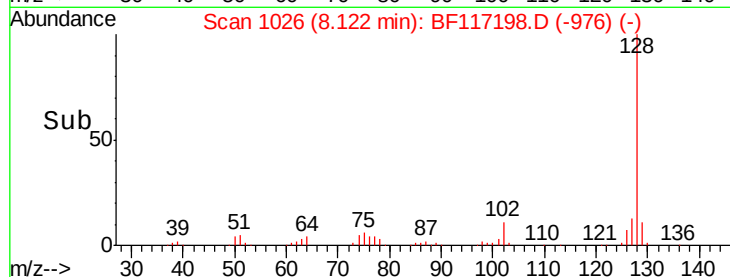
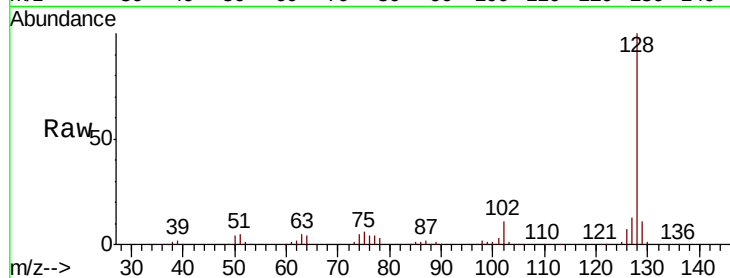
ClientSampled :

SP4897

Tot Ion:	128	Resp:	370767
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.0	13.4
127	13.0	10.8	16.2

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#32

Benzoic acid

Concen: 48.663 ng

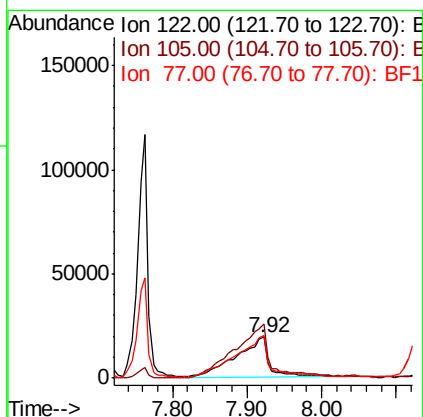
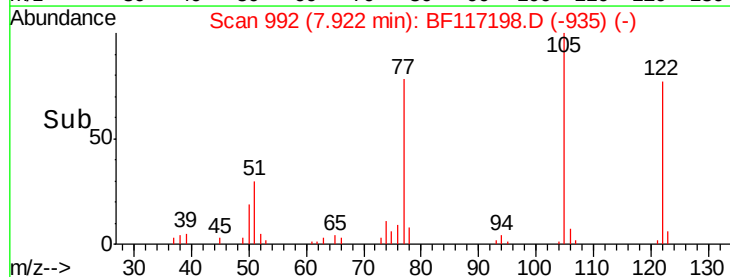
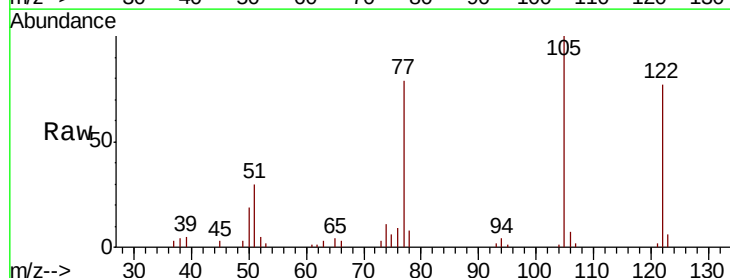
RT: 7.92 min Scan# 992

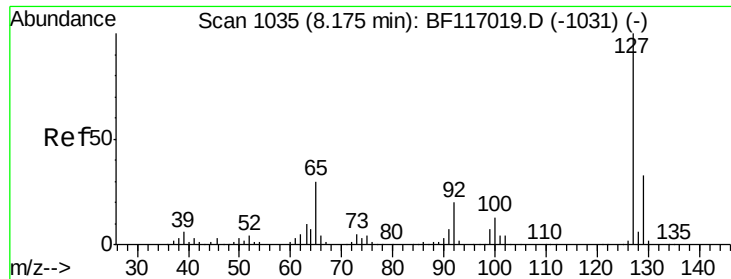
Delta R.T. 0.04 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Tgt Ion:	122	Resp:	59846
Ion Ratio	Lower	Upper	
122	100		
105	130.3	114.8	154.8
77	103.5	78.7	118.7





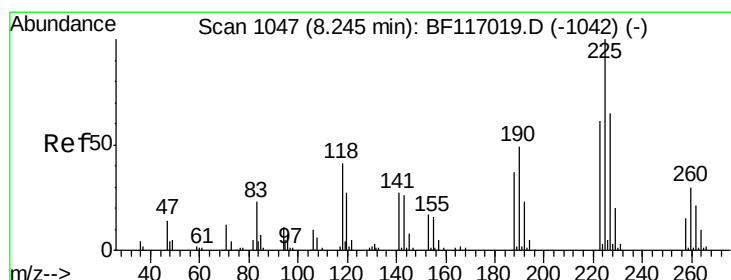
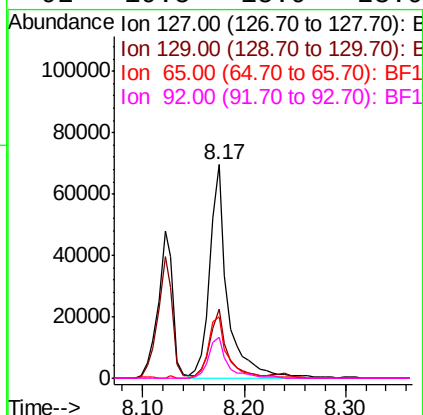
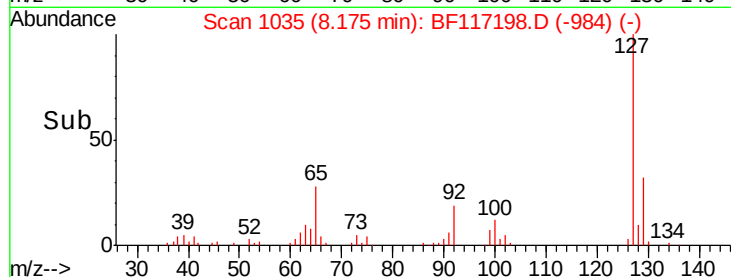
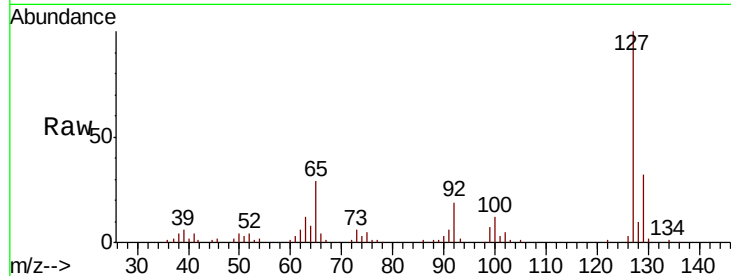
#33
4-Chloroaniline
Concen: 31.713 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :
SP4897

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		85876		
129	32.3	26.2	39.2		
65	29.1	23.5	35.3		
92	19.5	15.9	23.9		

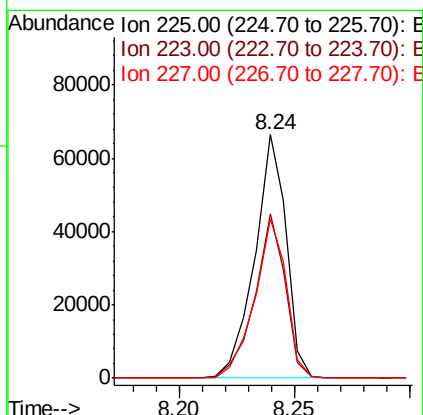
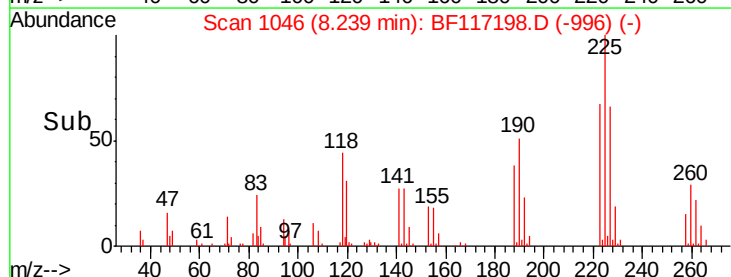
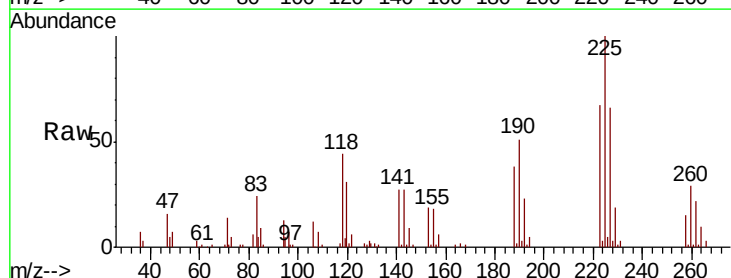
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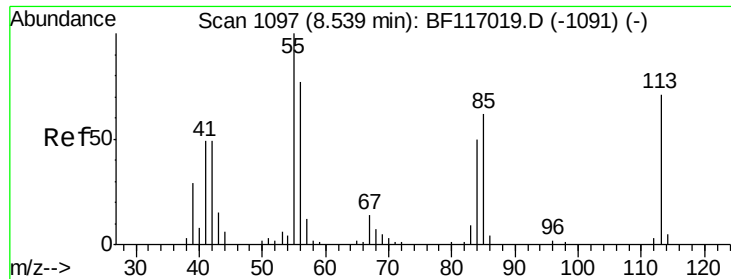
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#34
Hexachlorobutadiene
Concen: 60.632 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		63287		
223	67.2	49.1	73.7		
227	65.6	52.2	78.2		





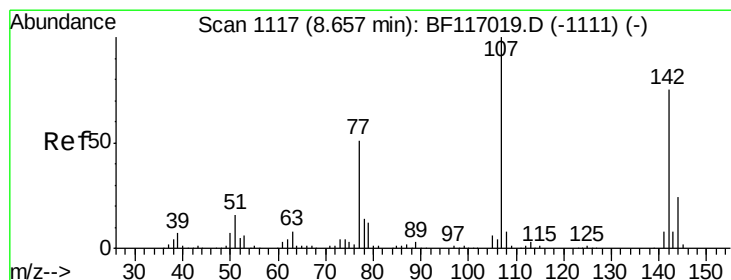
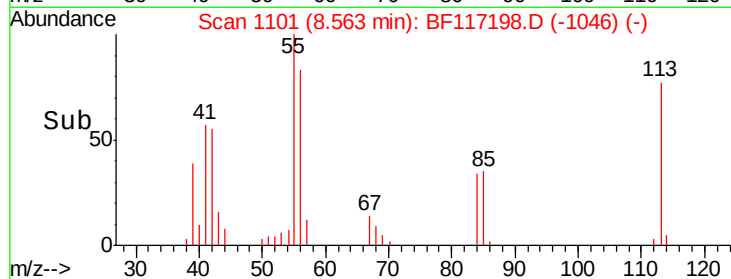
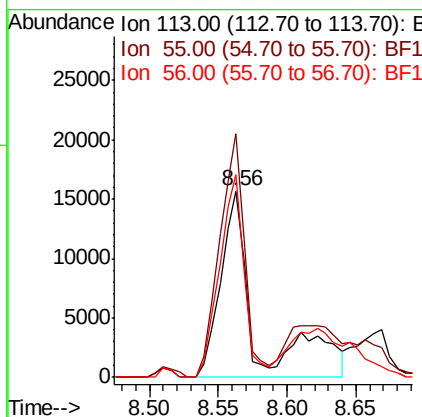
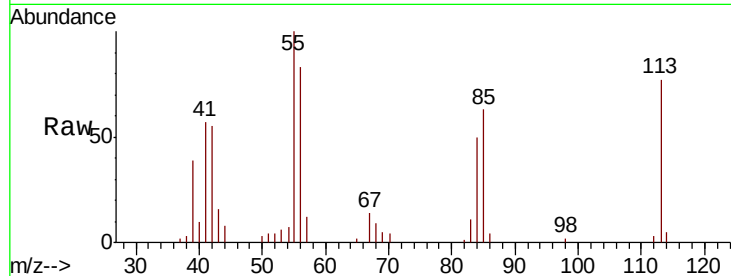
#35
 Caprolactam
 Concen: 47.558 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.02 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampled :
 SP4897

Tot Ion	Ratio	Lower	Upper
113	100		
55	130.5	120.6	160.6
56	108.7	88.8	128.8

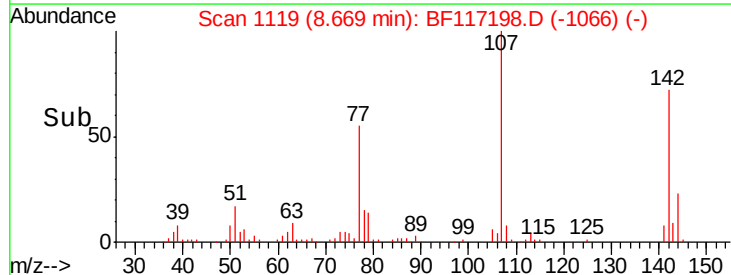
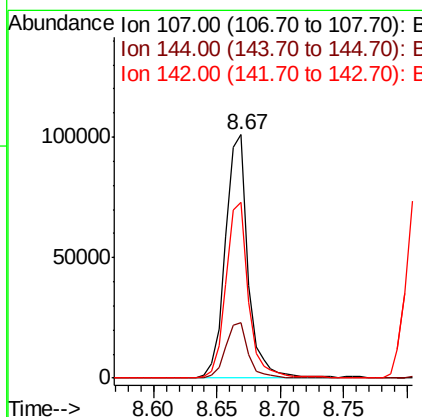
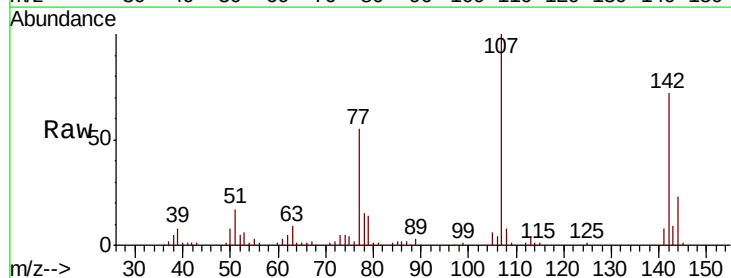
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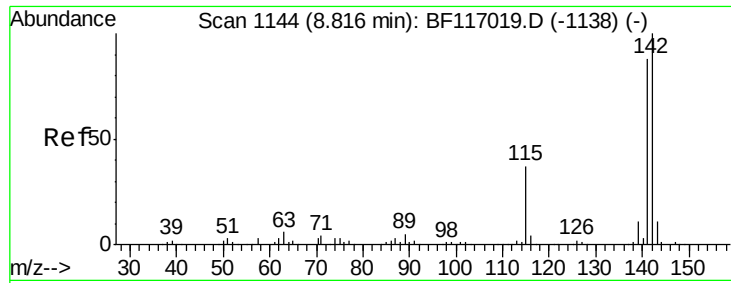
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#36
 4-Chloro-3-methylphenol
 Concen: 63.310 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	19.2	28.8
142	72.4	59.6	89.4





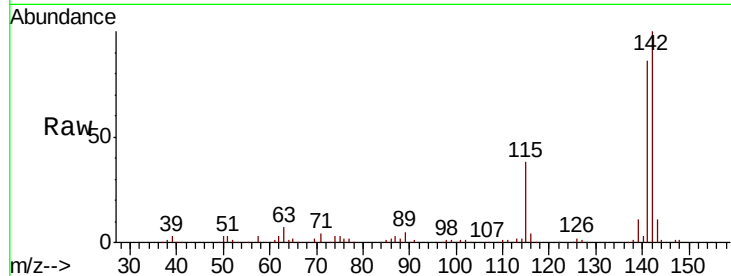
#37
2-Methylnaphthalene
Concen: 63.794 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :
SP4897

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.7	106.1
115	38.0	29.4	44.0

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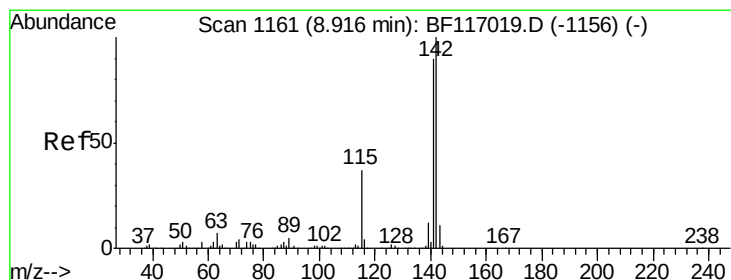
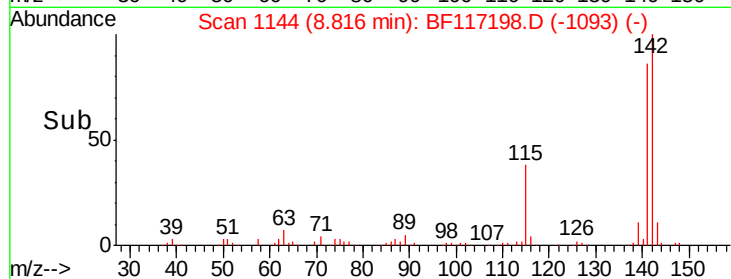
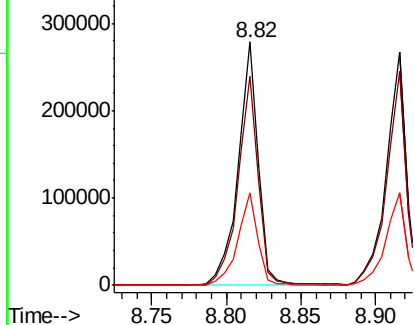


Abundance

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: 62.794 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

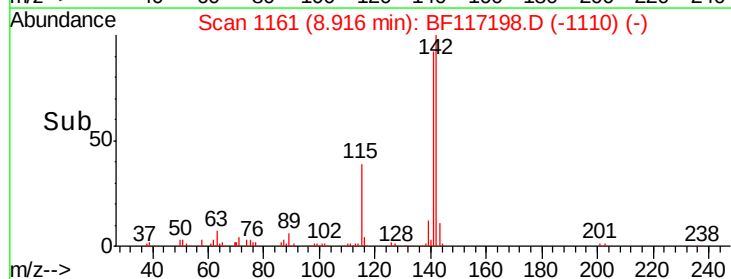
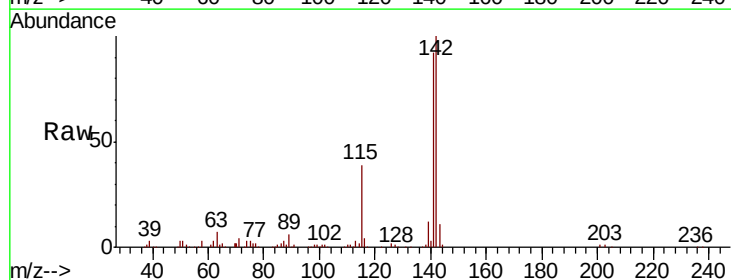
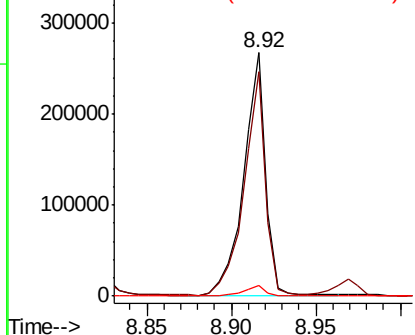
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.9	107.9
116	4.3	3.2	4.8

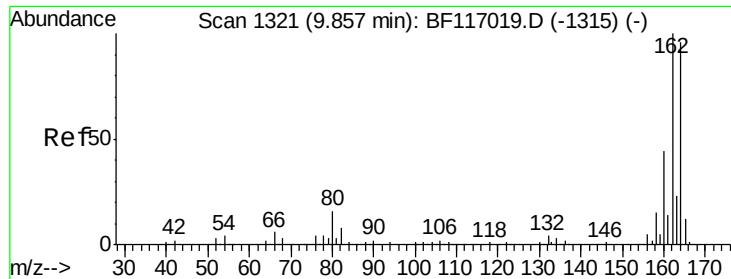
Abundance

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





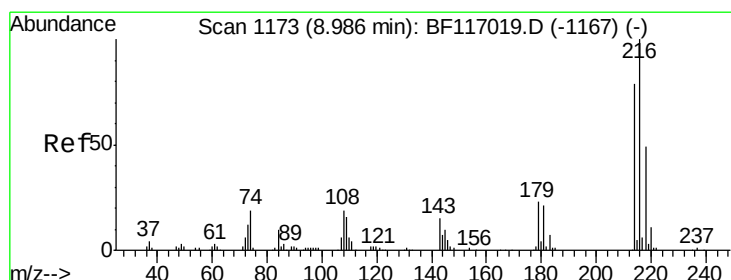
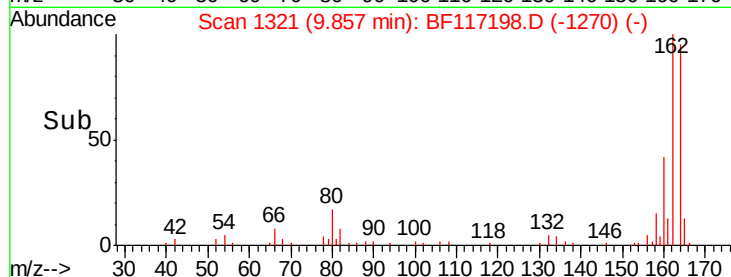
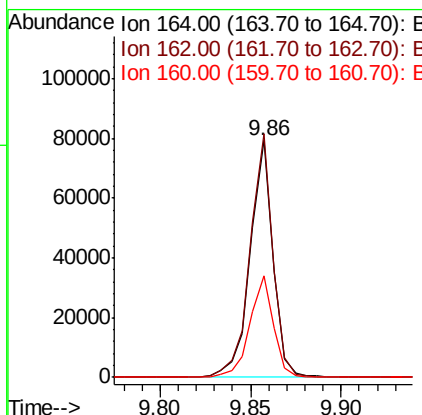
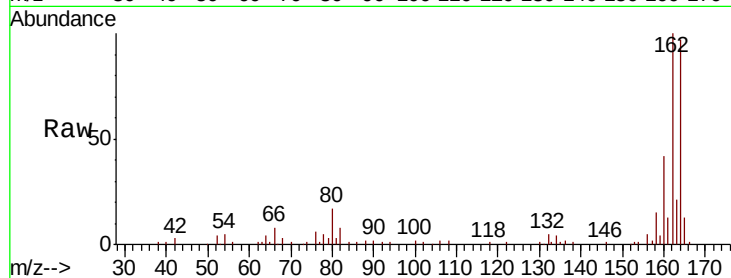
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampled :
SP4897

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.4	125.2
160	43.1	36.4	54.6

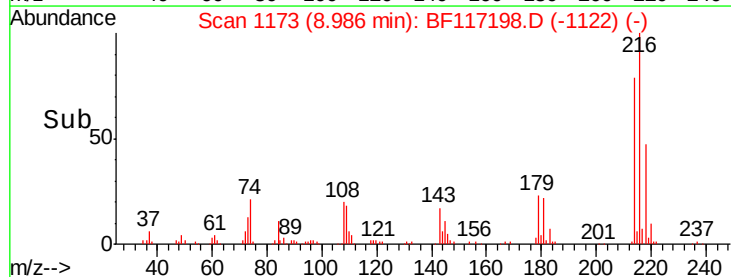
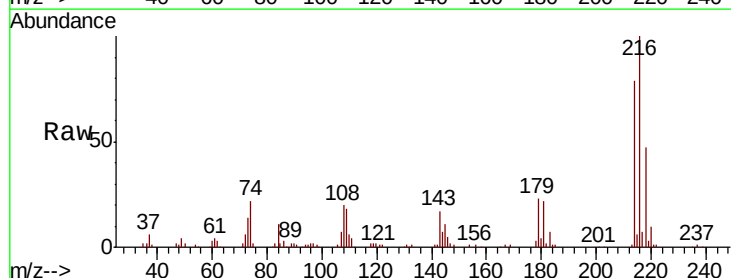
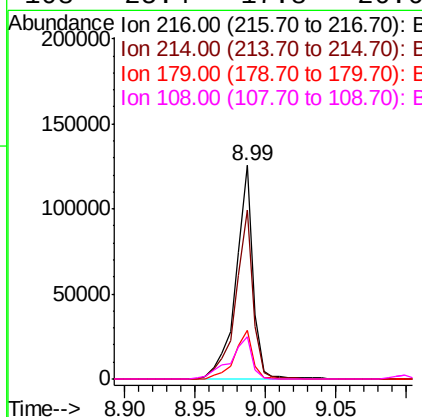
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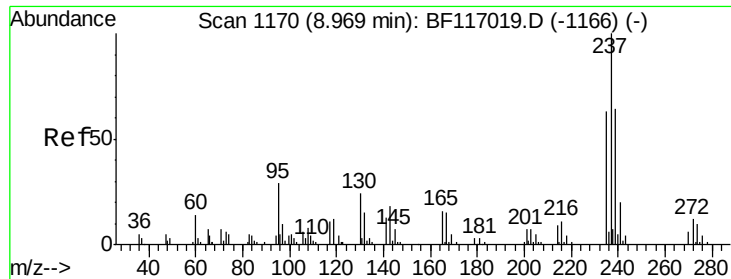
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.209 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.6	95.4
179	23.4	18.3	27.5
108	25.4	17.8	26.6





#41

Hexachlorocyclopentadiene

Concen: 138.726 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

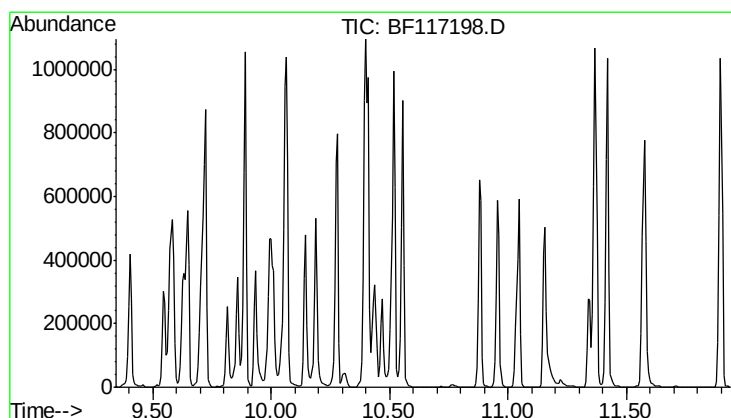
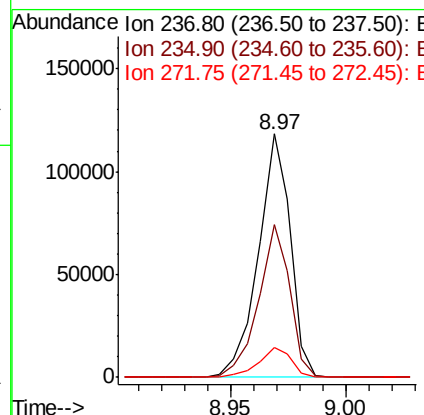
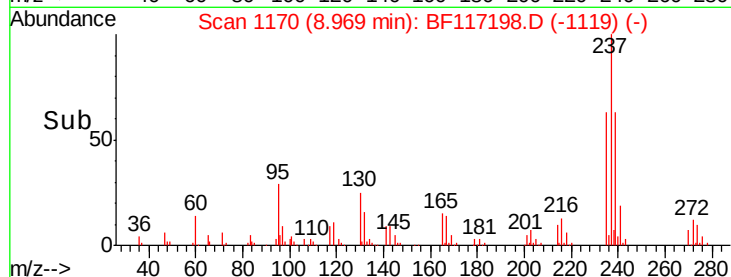
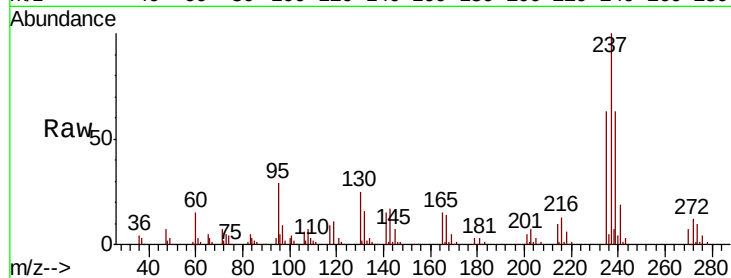
ClientSampleId :

SP4897

Tot Ion:	237	Resp:	114328
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.2	83.2
272	12.2	0.0	31.9

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#42

2,4,6-Tribromophenol

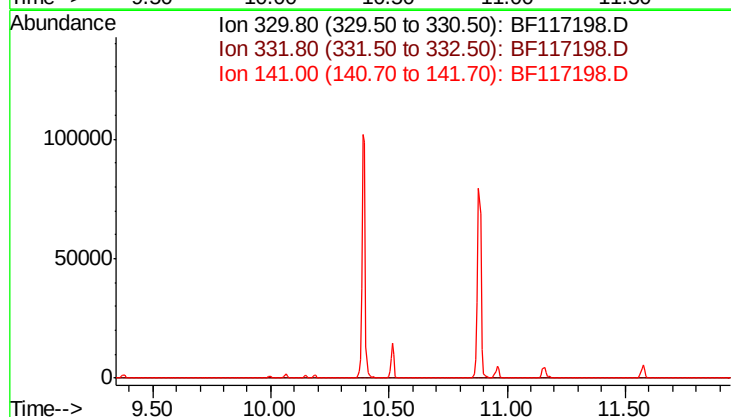
Concen: 0.000 ng

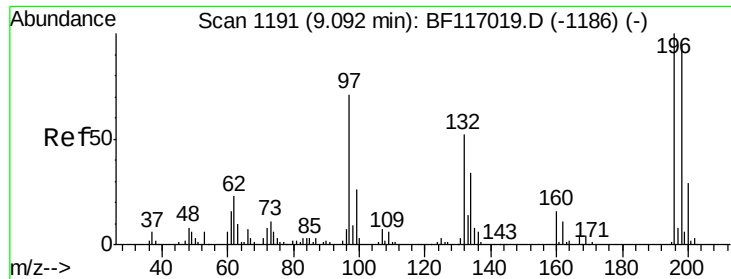
Expected RT: 10.65 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Tgt Ion:	330
Sig	Exp Ratio
330	100
332	97.5
141	44.7





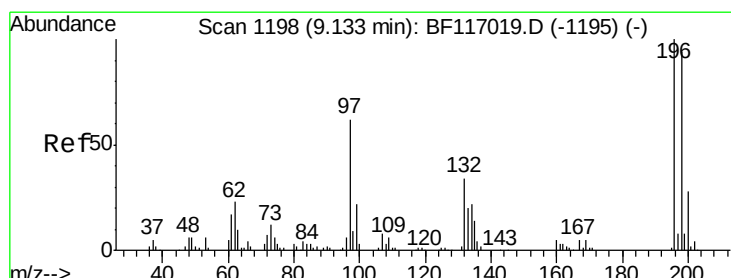
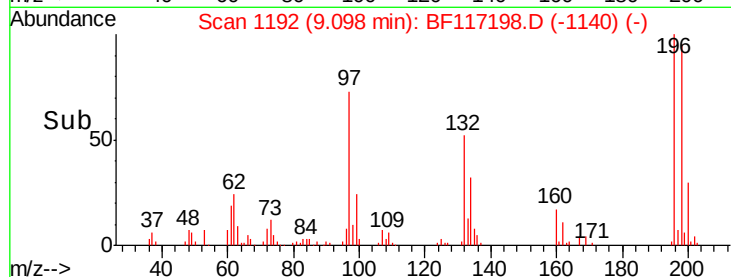
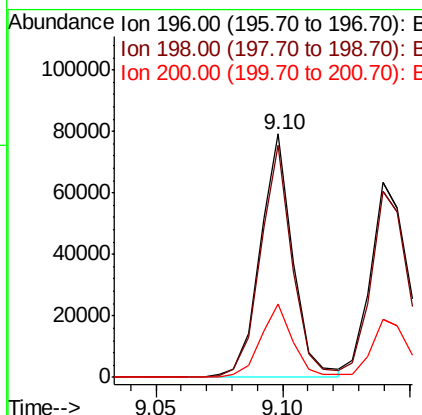
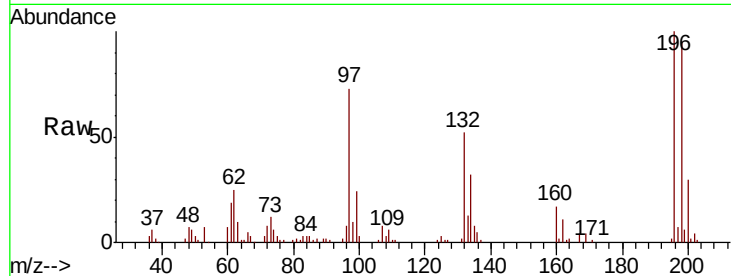
#43
 2,4,6-Trichlorophenol
 Concen: 58.089 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampled :
 SP4897

Tot Ion	Ratio	Resp	Lower	Upper
196	100	70263		
198	95.1	75.7	113.5	
200	29.9	23.3	34.9	

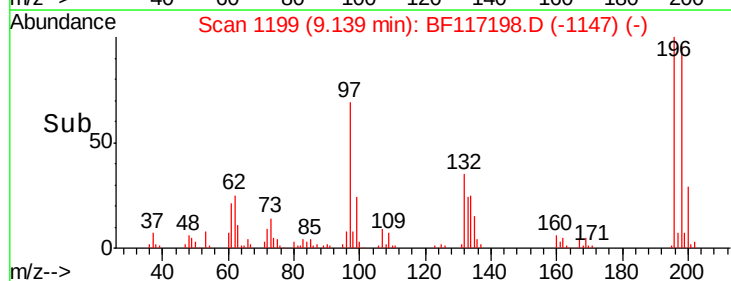
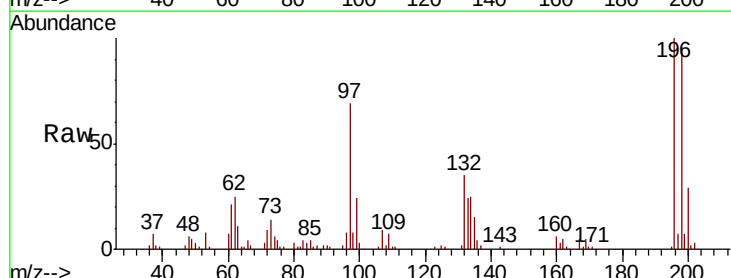
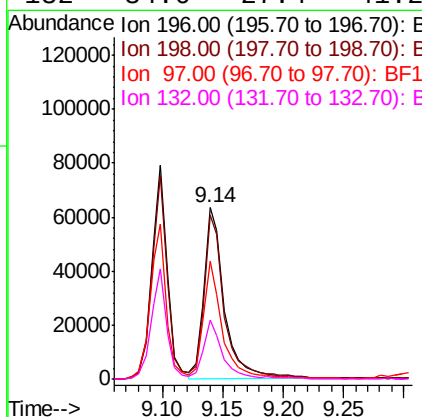
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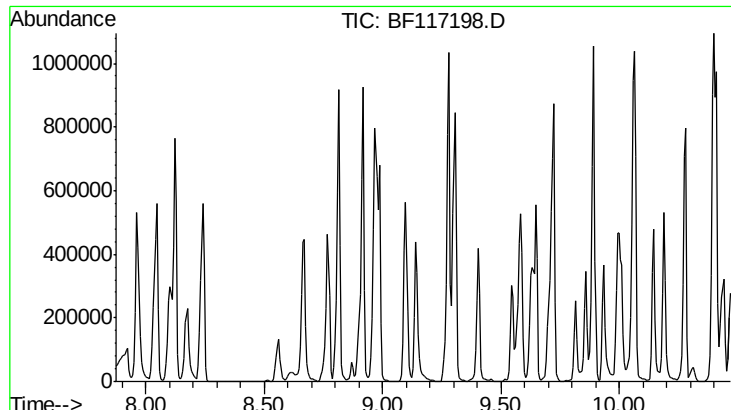
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 57.613 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	74455		
198	95.6	74.6	112.0	
97	68.9	49.5	74.3	
132	34.6	27.4	41.2	





#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.17 min

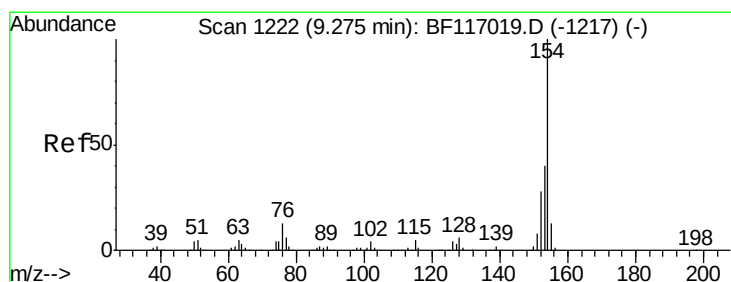
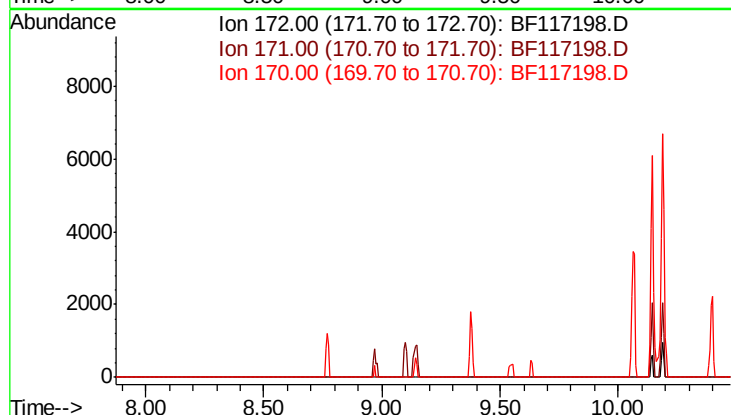
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :
SP4897

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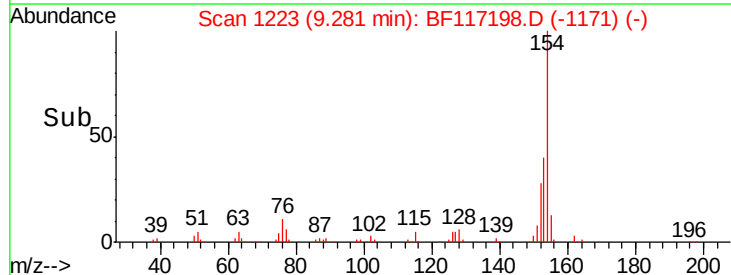
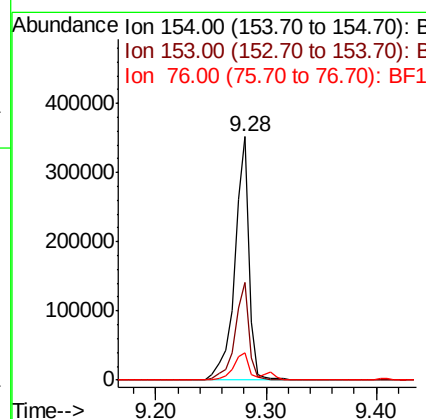
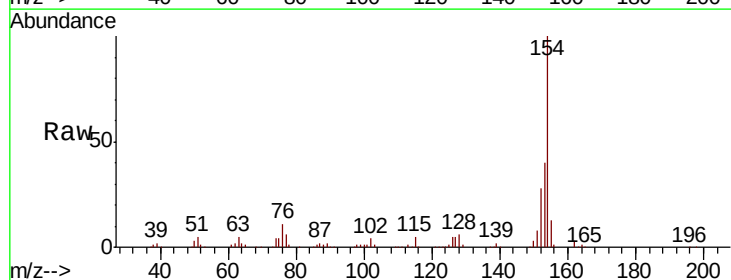
mohammad
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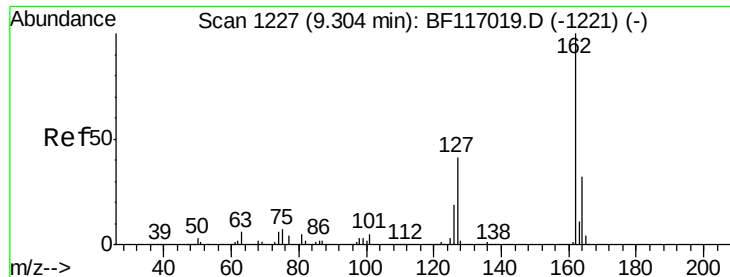
Tot Ion: 172
Sig Exp Ratio
172 100
171 35.2
170 23.6



#46
1,1'-Biphenyl
Concen: 58.369 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion: 154 Resp: 316024
Ion Ratio Lower Upper
154 100
153 39.9 20.0 60.0
76 11.3 0.0 32.7





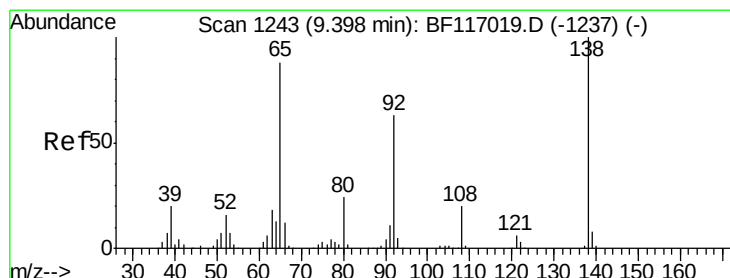
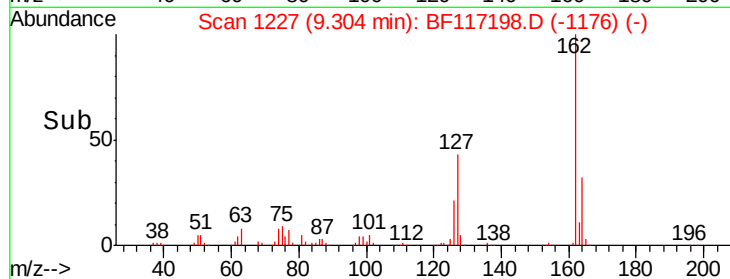
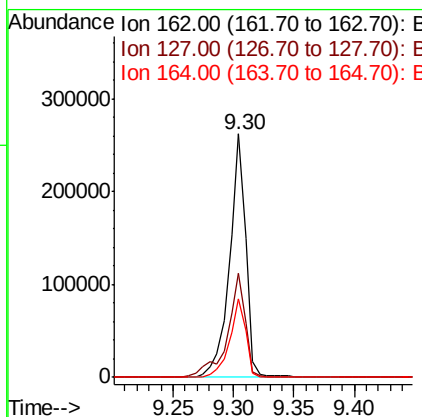
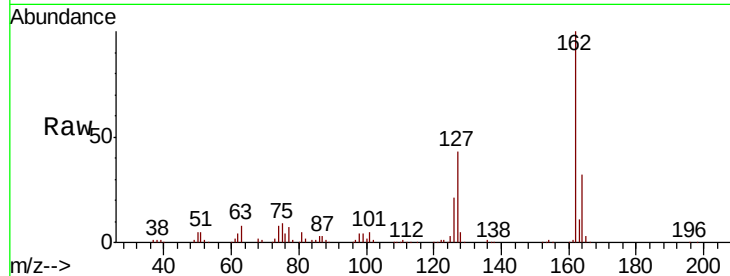
#47
 2-Chloronaphthalene
 Concen: 57.654 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP4897

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		246357		
127	42.7	34.1	51.1		
164	32.2	25.9	38.9		

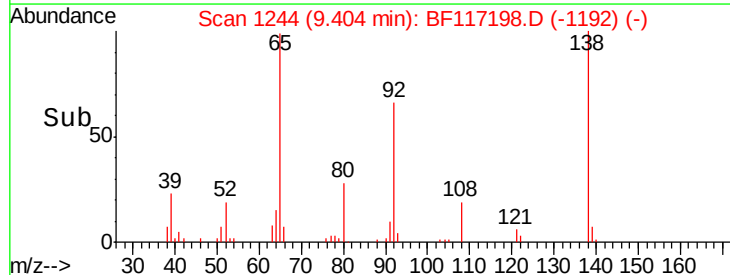
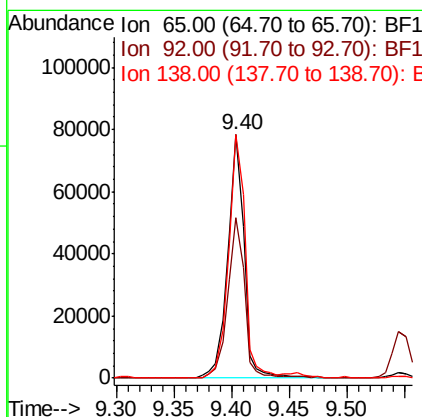
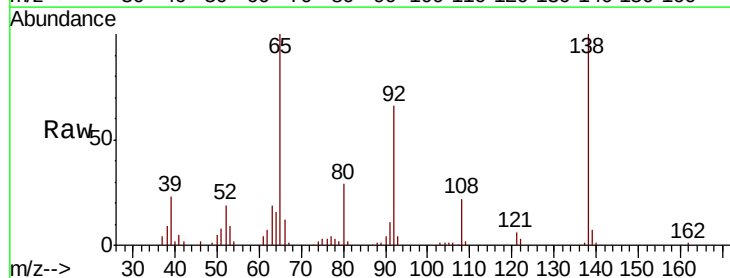
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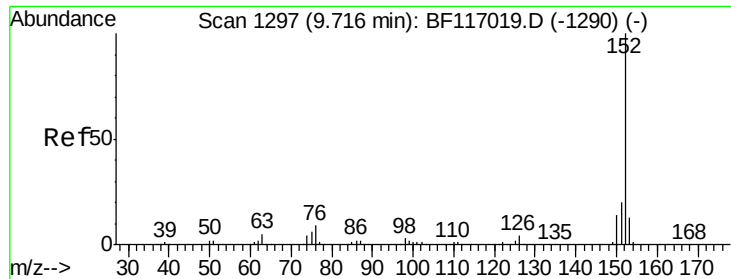
mohammad
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#48
 2-Nitroaniline
 Concen: 55.887 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		76597		
92	66.0	57.5	86.3		
138	99.8	90.6	136.0		





#49

Acenaphthylene

Concen: 59.399 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

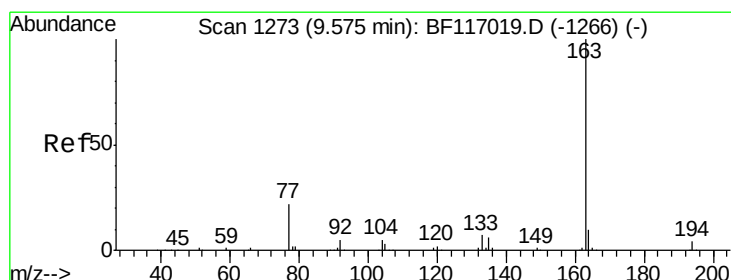
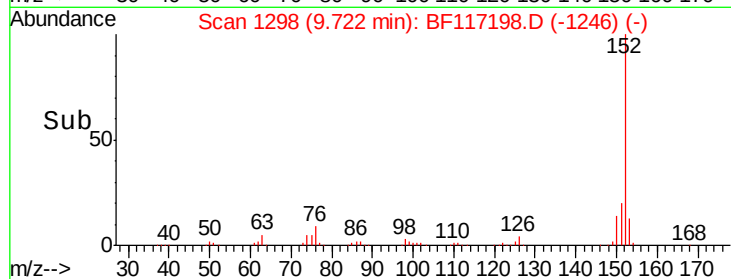
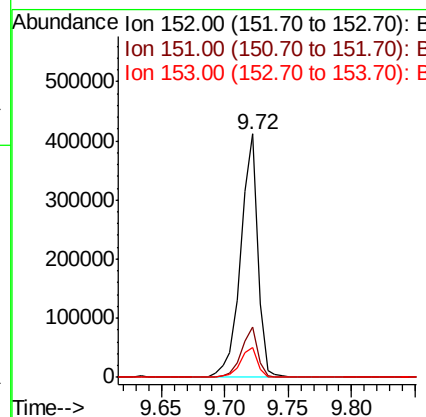
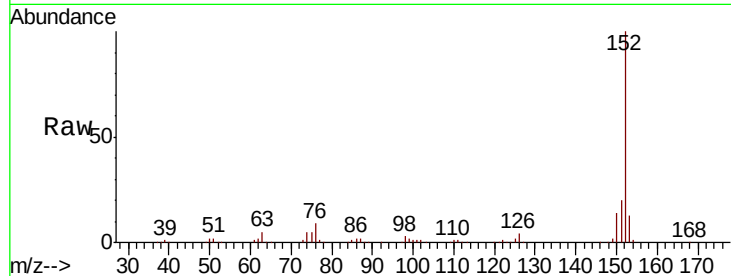
ClientSampled :

SP4897

Tot Ion:	152	Resp:	380224
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.2
153	12.5	10.2	15.4

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#50

Dimethylphthalate

Concen: 59.221 ng

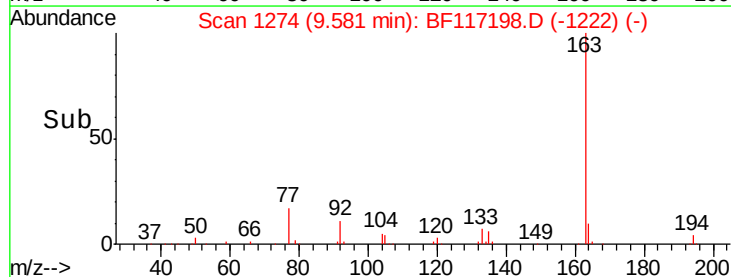
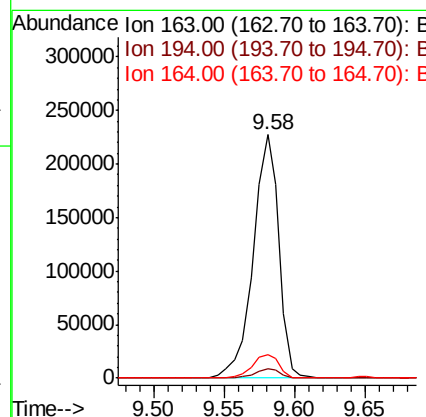
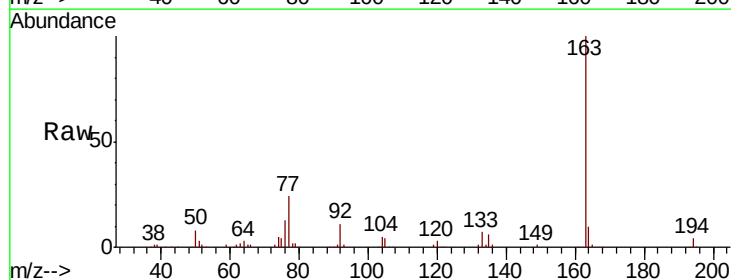
RT: 9.58 min Scan# 1274

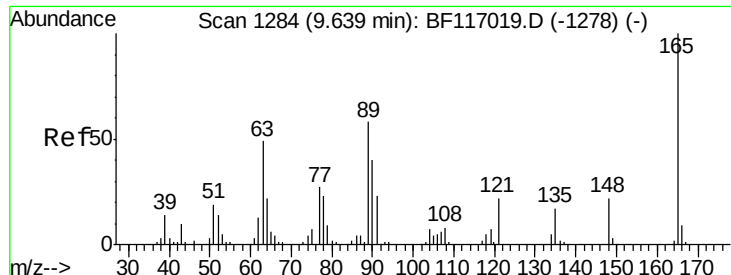
Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Tgt Ion:	163	Resp:	289427
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.9	4.3
164	9.9	8.2	12.4





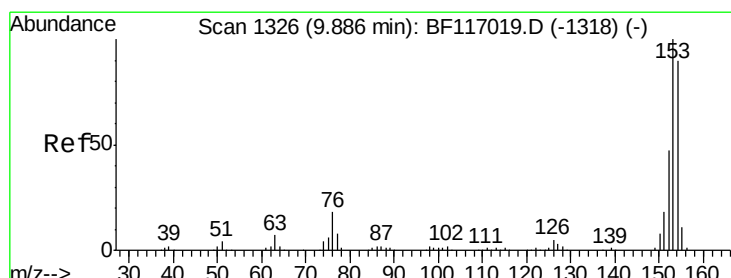
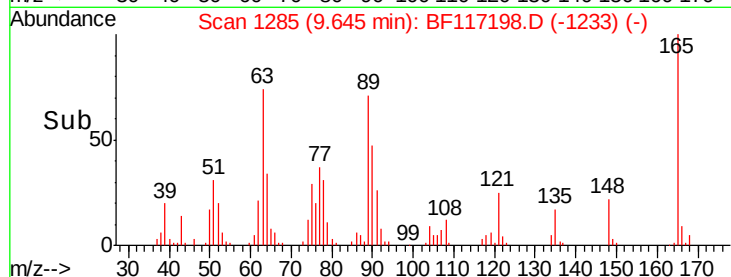
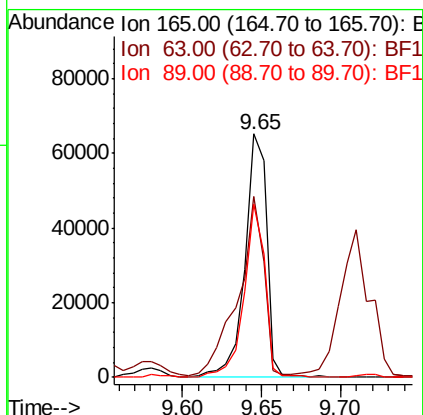
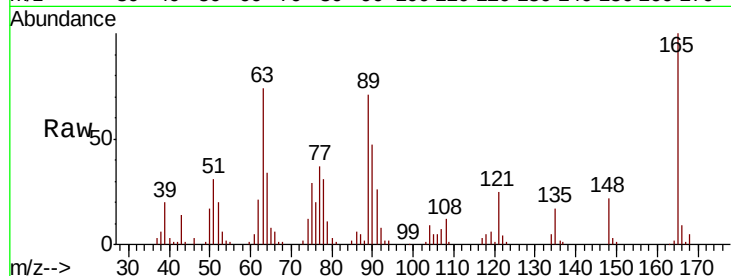
#51
 2,6-Dinitrotoluene
 Concen: 62.033 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP4897

Tot Ion	Ratio	Resp	Lower	Upper
165	100	61746		
63	74.3	41.8	62.8#	
89	71.3	46.5	69.7#	

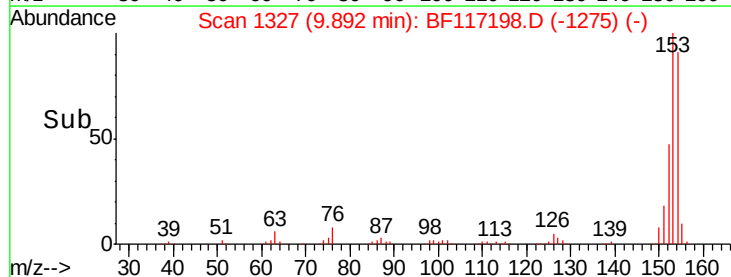
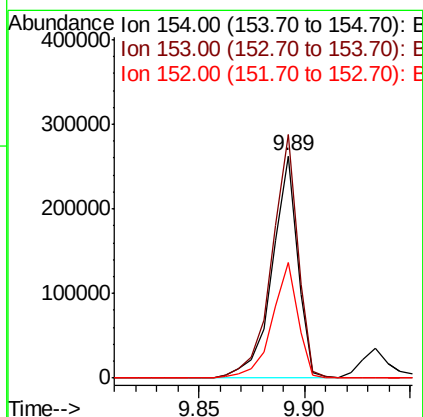
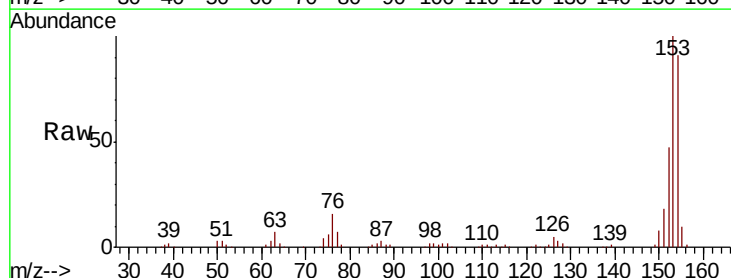
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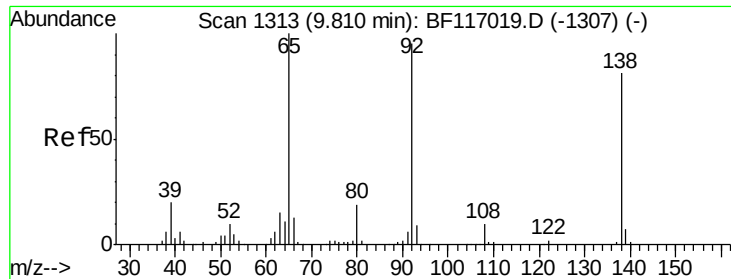
mohammad
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#52
 Acenaphthene
 Concen: 58.371 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	221490		
153	109.6	89.0	133.6	
152	52.0	41.9	62.9	





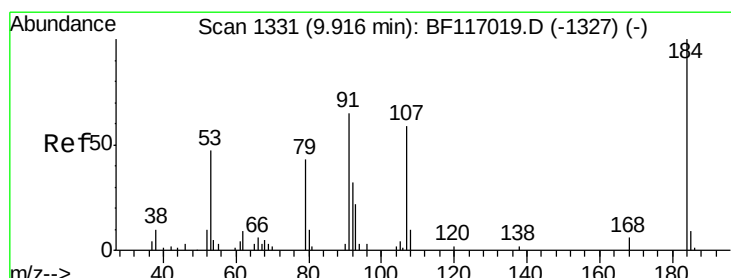
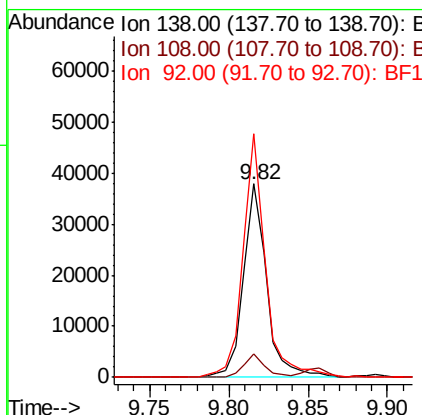
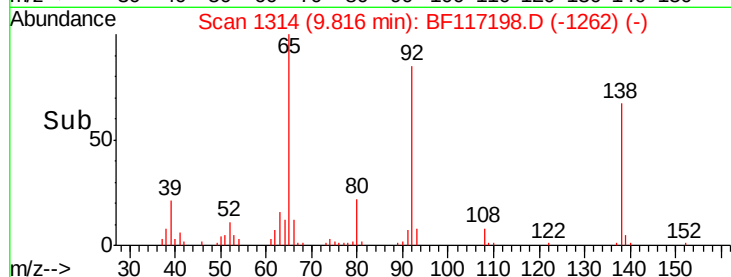
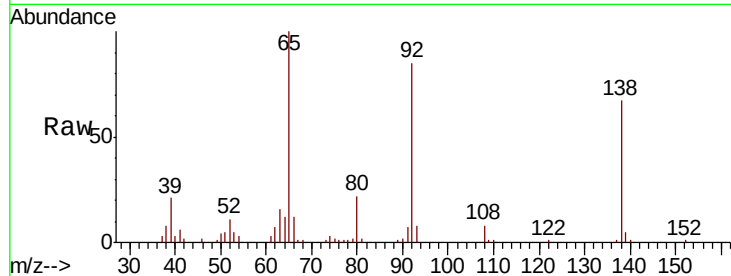
#53
3-Nitroaniline
Concen: 30.731 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :
SP4897

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.1	9.5	14.3
92	125.8	94.1	141.1

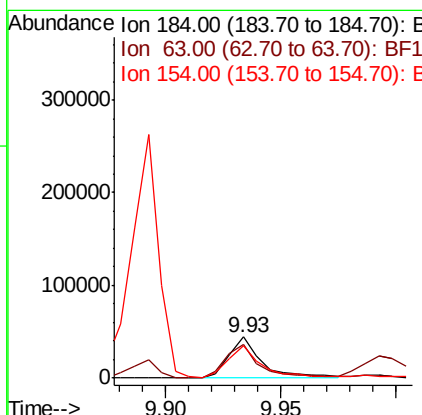
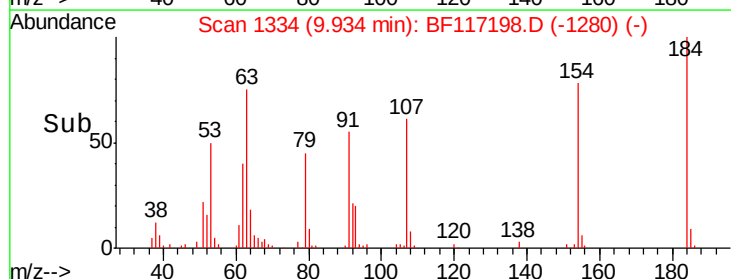
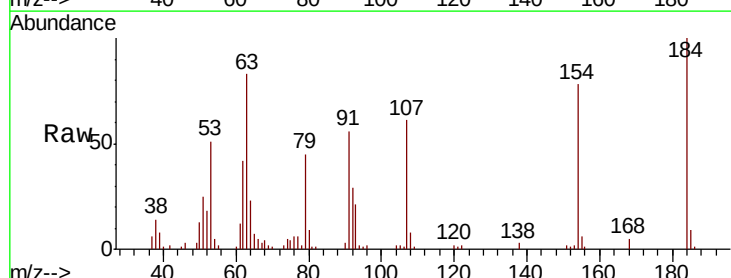
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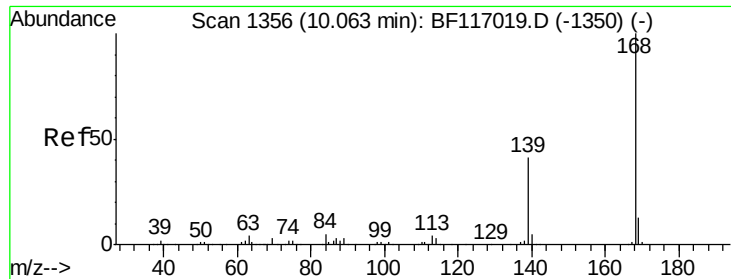
mohammad
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#54
2,4-Dinitrophenol
Concen: 101.889 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	83.1	63.8	95.6
154	77.8	60.4	90.6





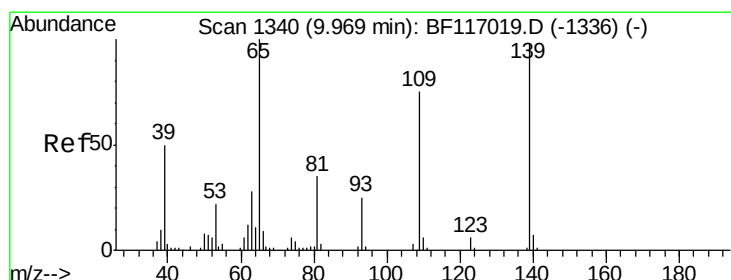
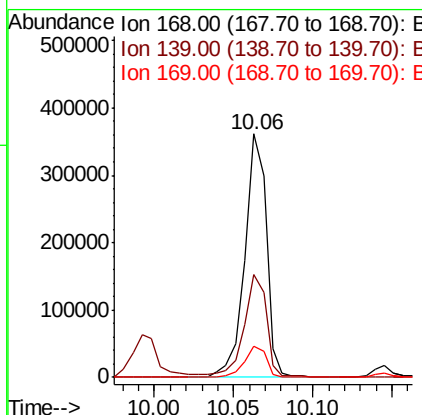
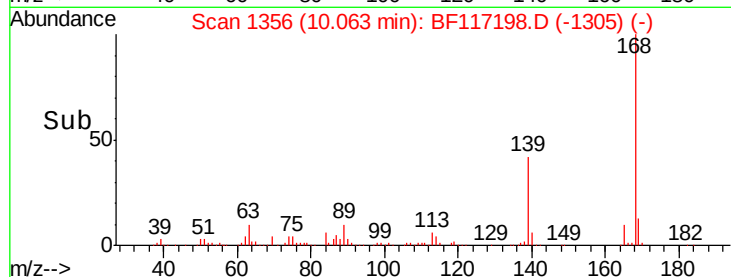
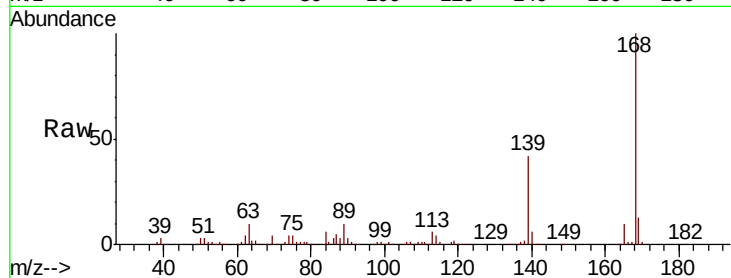
#55
Dibenzofuran
Concen: 61.167 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampled :
SP4897

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	32.8	49.2
169	12.9	10.5	15.7

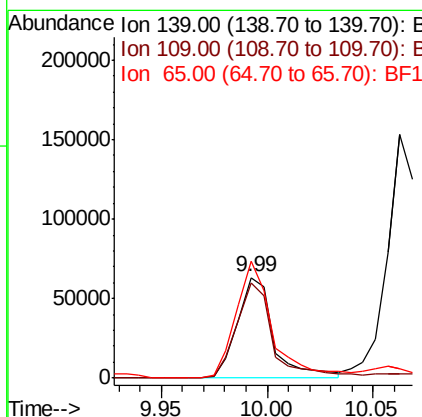
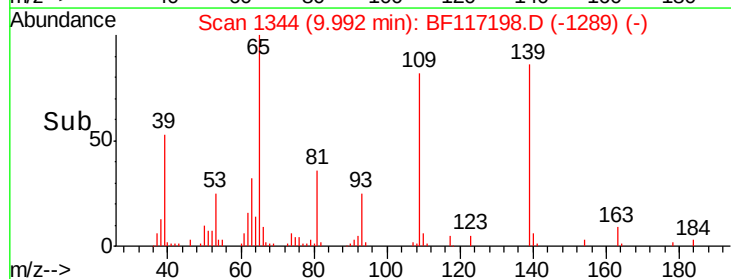
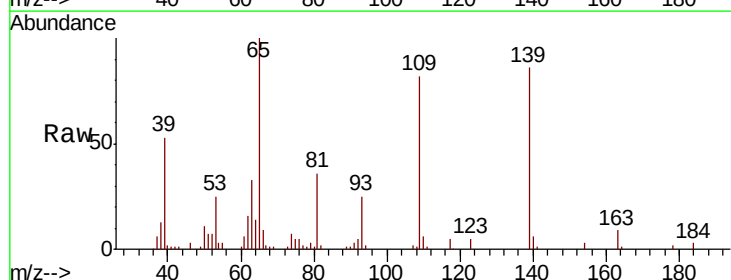
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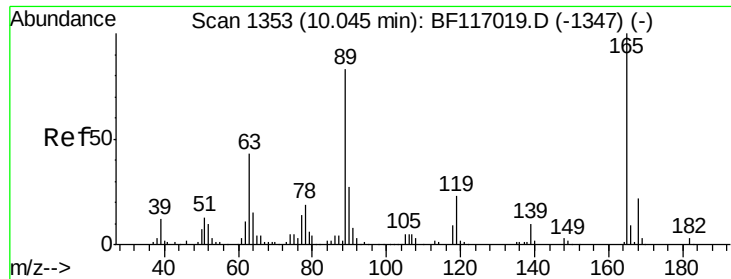
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#56
4-Nitrophenol
Concen: 92.642 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.1	56.4	96.4
65	116.6	82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 61.973 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

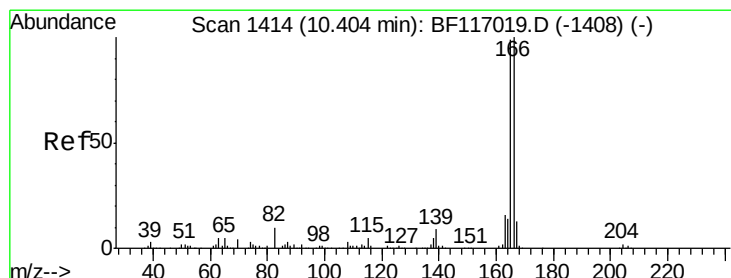
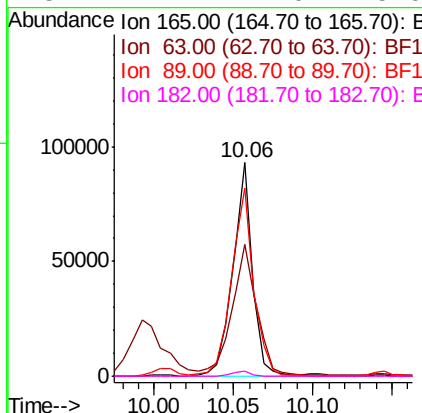
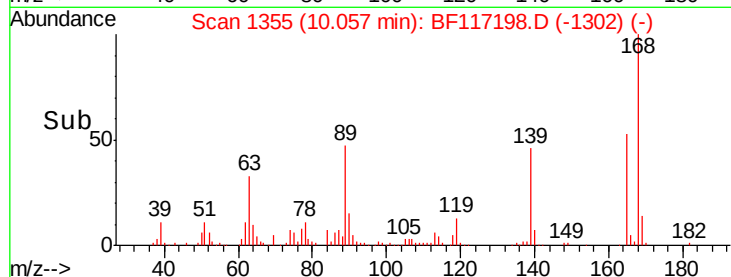
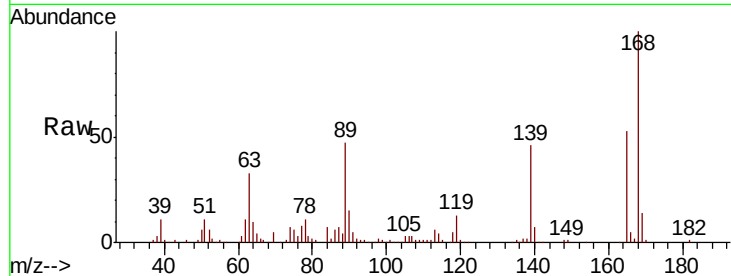
ClientSampled :

SP4897

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		80073		
63	61.9	35.0	52.4#		
89	88.3	66.1	99.1		
182	2.4	2.0	3.0		

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#58

Fluorene

Concen: 61.817 ng

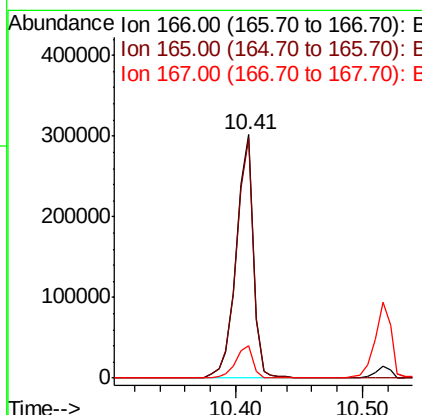
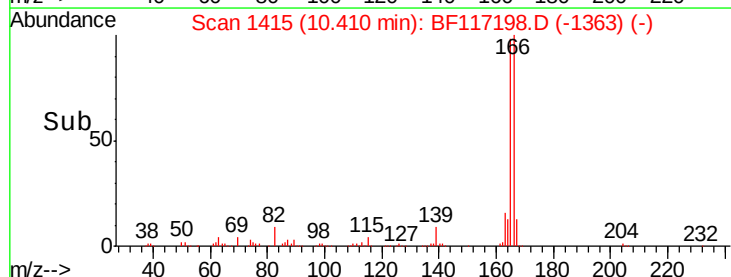
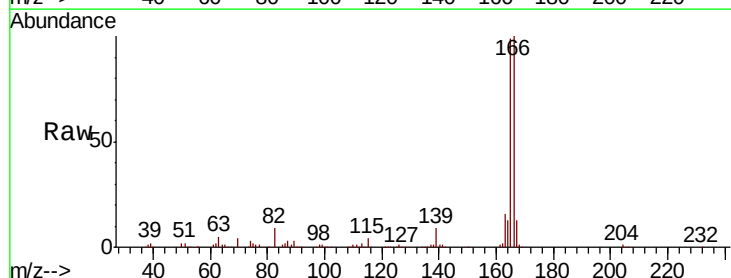
RT: 10.41 min Scan# 1415

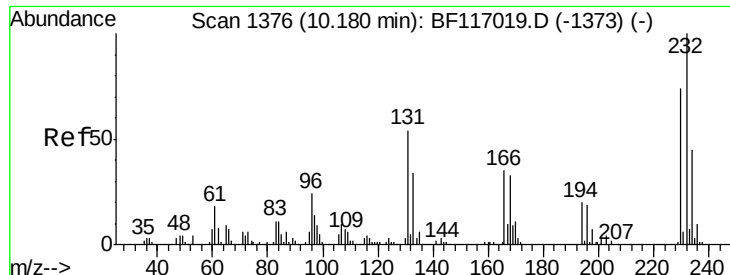
Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		278785		
165	98.6	78.9	118.3		
167	13.4	10.6	15.8		





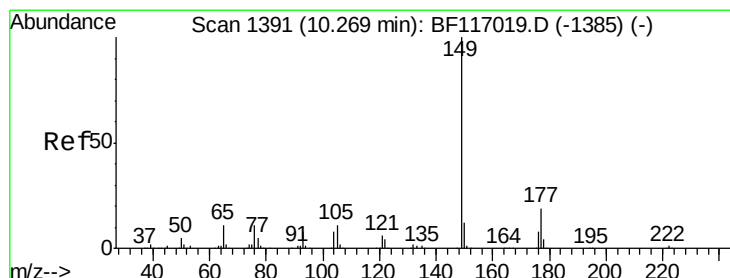
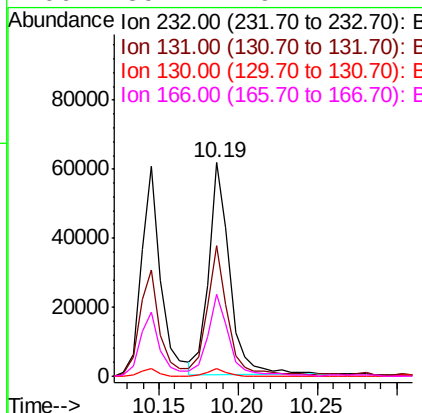
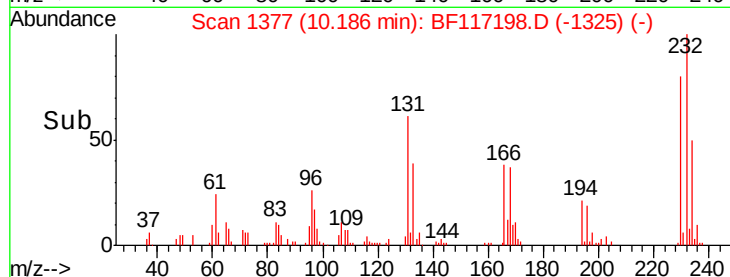
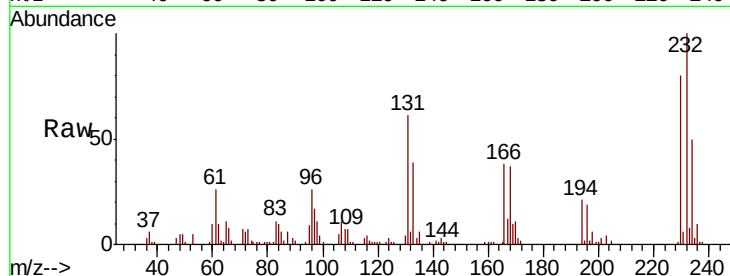
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.543 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampled :
 SP4897

Tot Ion:	232	Resp:	57896
Ion Ratio	Lower	Upper	
232	100		
131	58.6	45.3	67.9
130	3.4	1.8	2.8
166	39.1	29.4	44.2

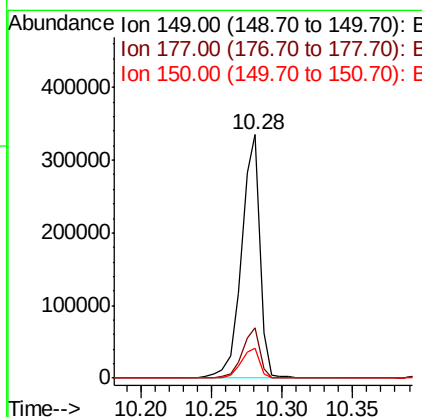
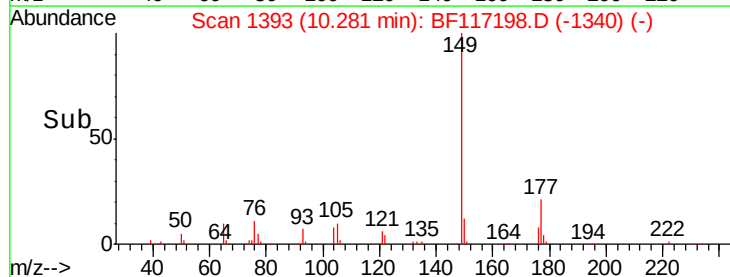
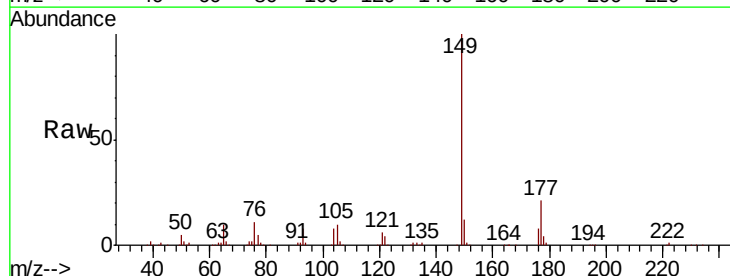
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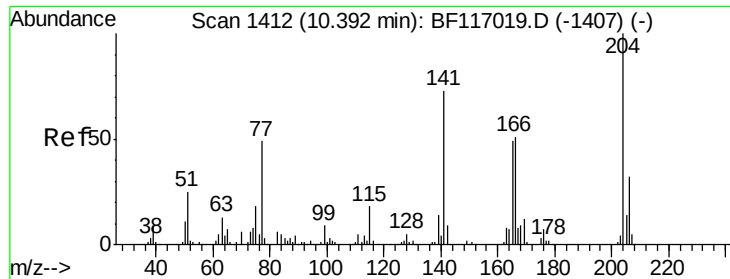
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#60
 Diethylphthalate
 Concen: 63.083 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion:	149	Resp:	303315
Ion Ratio	Lower	Upper	
149	100		
177	20.6	15.2	22.8
150	12.4	9.9	14.9





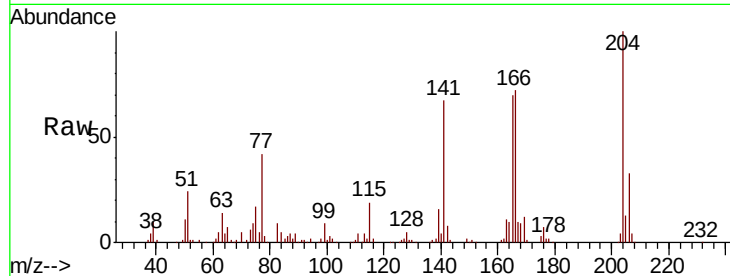
#61
4-Chlorophenyl-phenylether
Concen: 64.844 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampled :
SP4897

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	66.8	58.2	87.2

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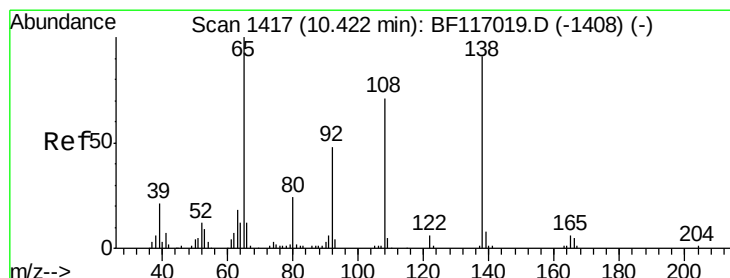
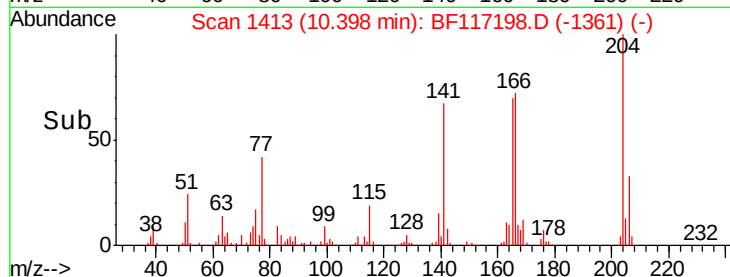
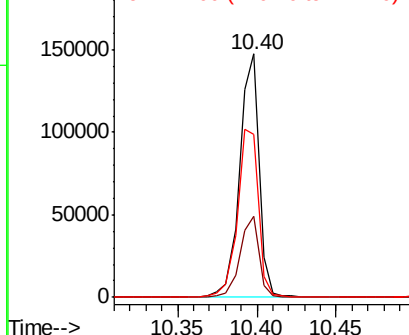


Abundance

Ion 204.00 (203.70 to 204.70): E

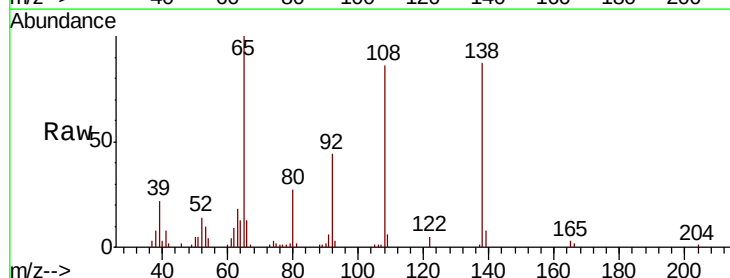
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 49.679 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	32.9	72.9
108	99.1	58.3	98.3#

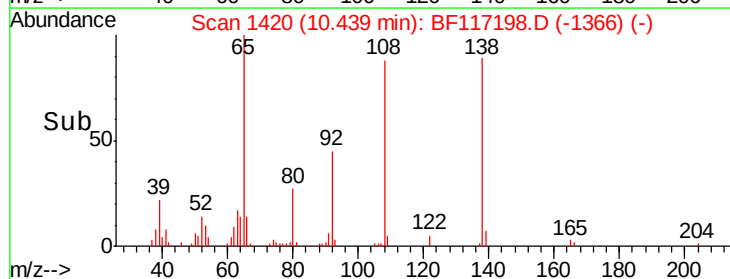
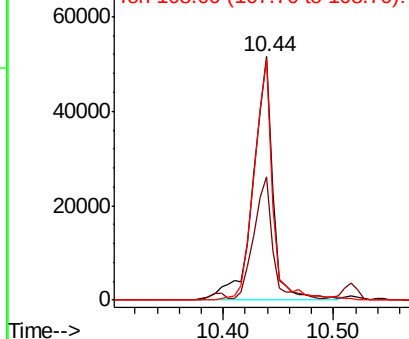


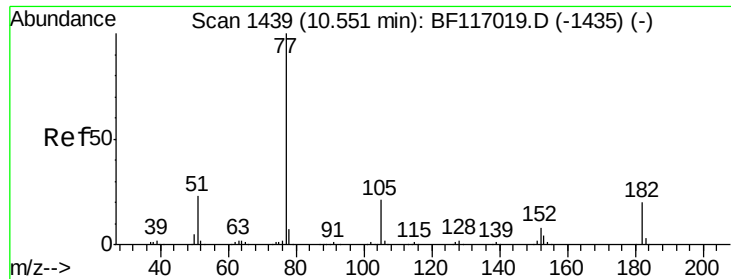
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





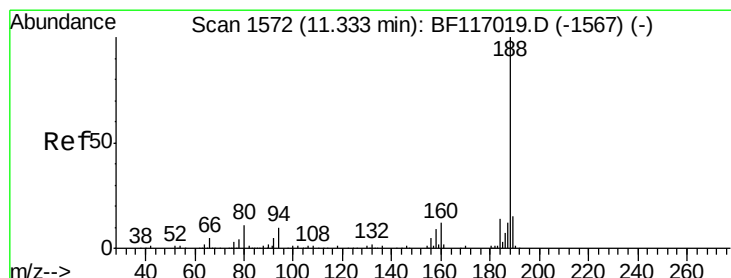
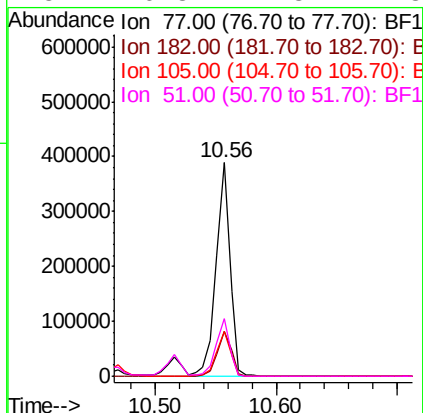
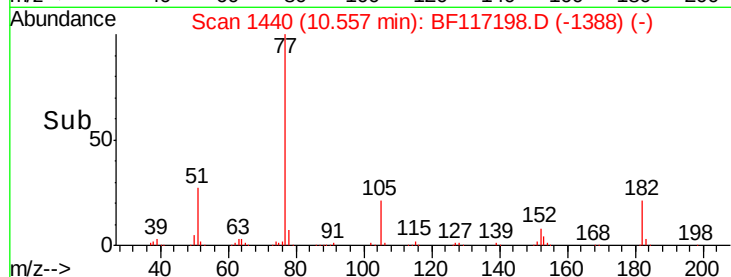
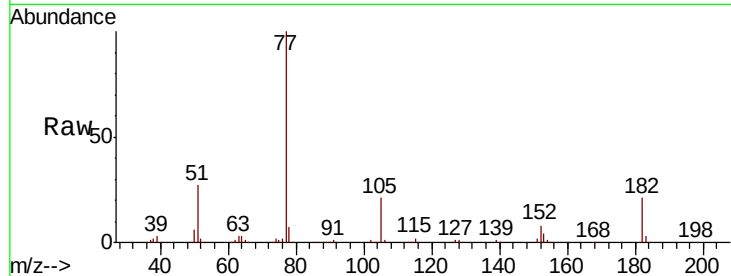
#63
Azobenzene
Concen: 62.586 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :
SP4897

Tot Ion	Ratio	Resp	Lower	Upper
77	100	307343		
182	21.2	0.4	40.4	
105	21.1	0.9	40.9	
51	26.8	2.8	42.8	

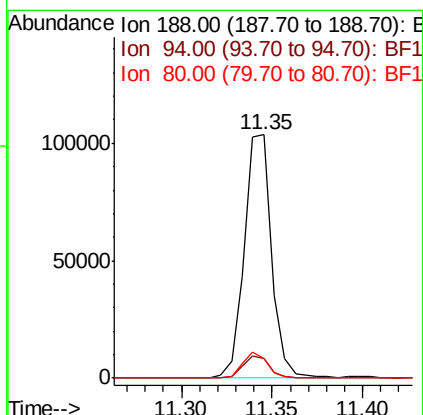
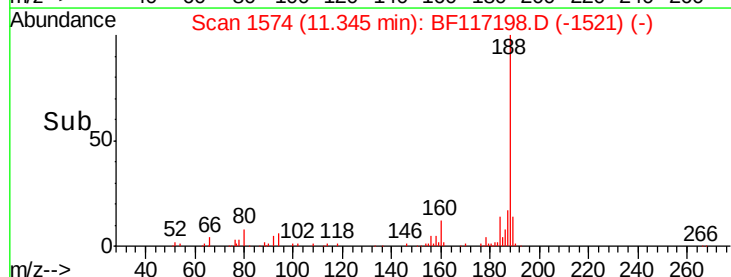
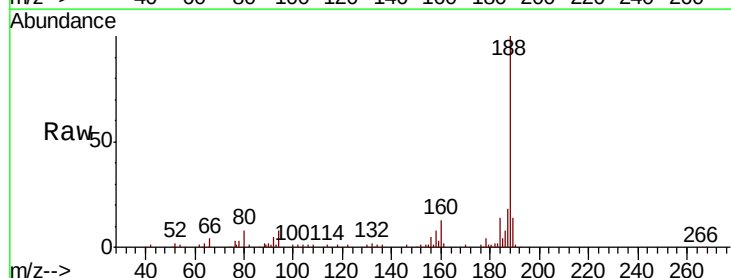
Manual Integrations
APPROVED

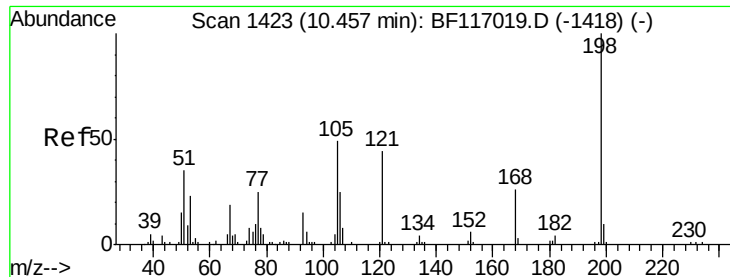
mohammad
9/24/2019 9:12:51 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	108364		
94	8.2	8.2	12.2	
80	7.9	9.0	13.6	





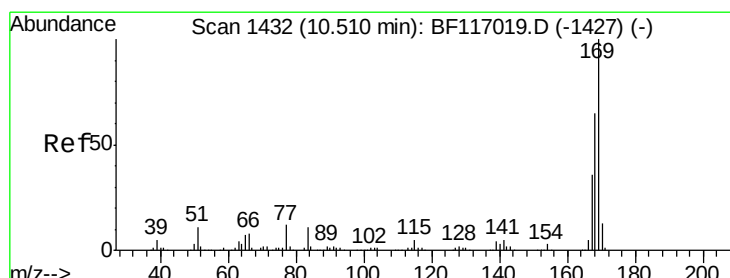
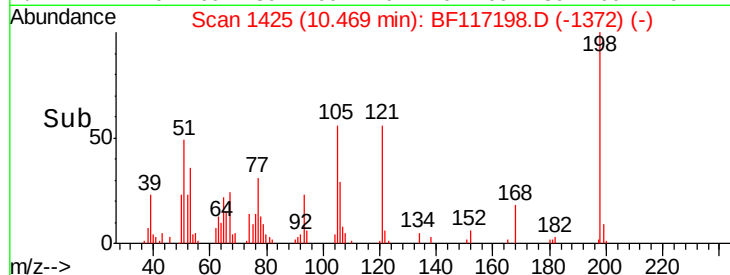
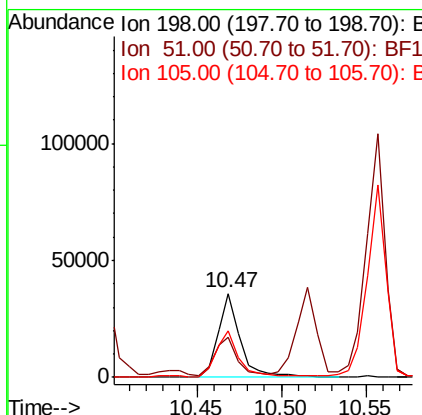
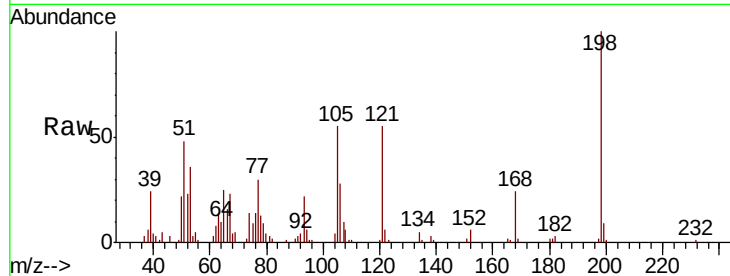
#65
4,6-Dinitro-2-methylphenol
Concen: 64.355 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampled :
SP4897

Tot Ion	Ratio	Resp	Lower	Upper
198	100	33132		
51	48.0		18.7	58.7
105	55.4		30.2	70.2

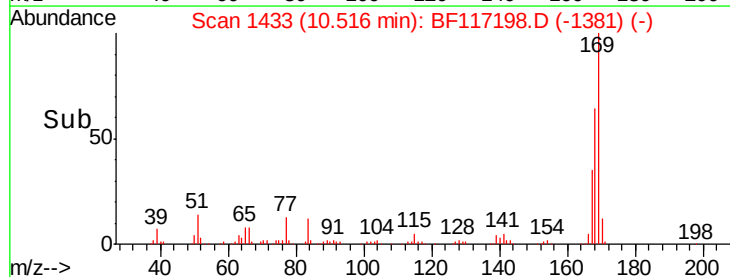
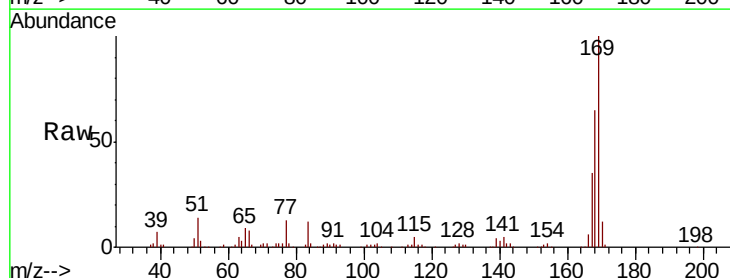
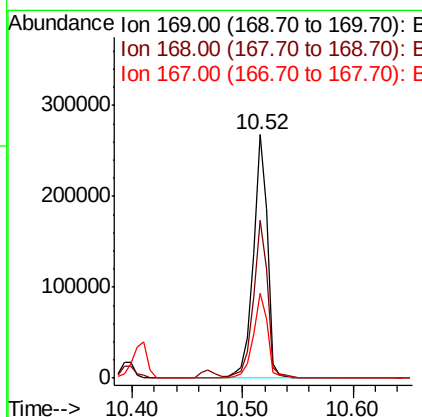
Manual Integrations
APPROVED

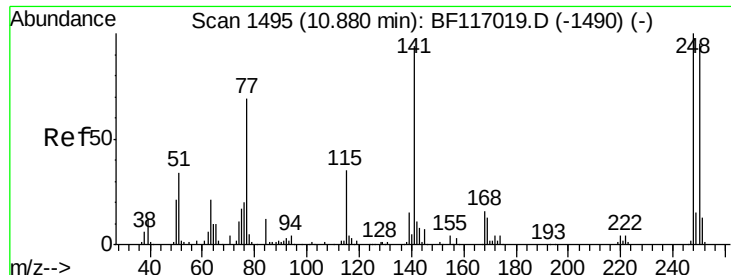
mohammad
9/24/2019 9:12:51 AM



#66
n-Nitrosodiphenylamine
Concen: 64.440 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	241163		
168	64.8		52.2	78.2
167	35.0		28.8	43.2





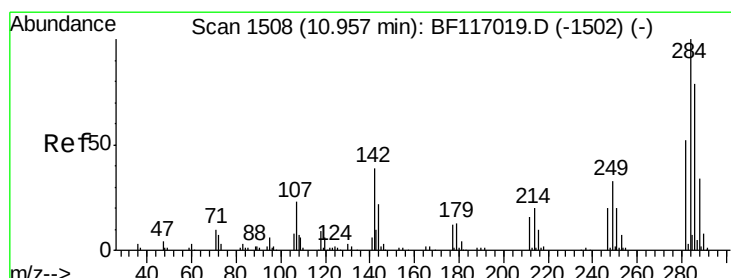
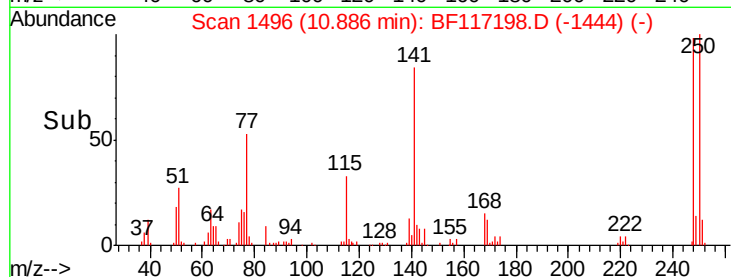
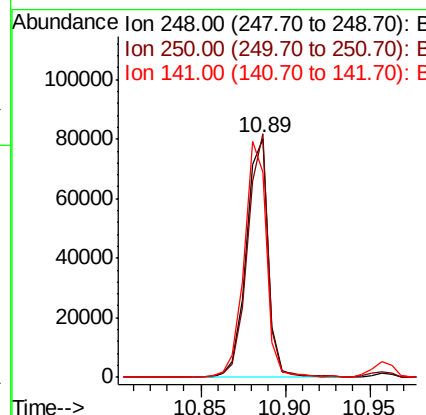
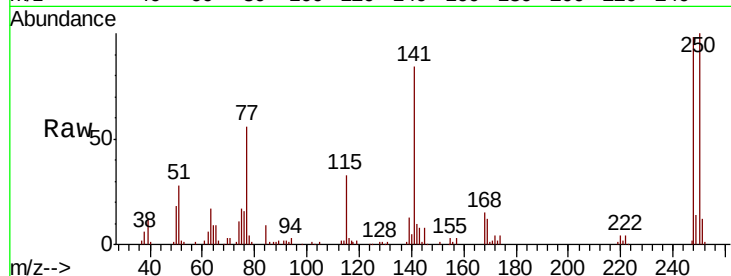
#67
 4-Bromophenyl-phenylether
 Concen: 65.905 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampled :
 SP4897

Tot Ion:	248	Resp:	72934
Ion Ratio	Lower	Upper	
248	100		
250	102.1	76.2	114.4
141	86.1	75.0	112.4

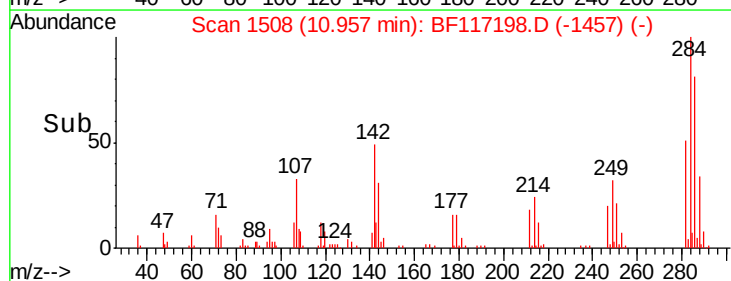
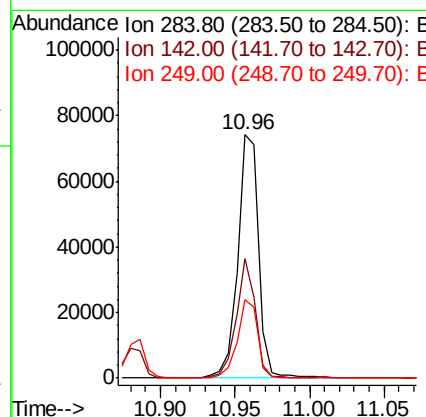
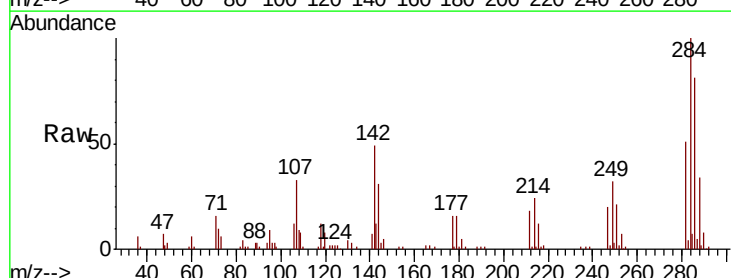
Manual Integrations
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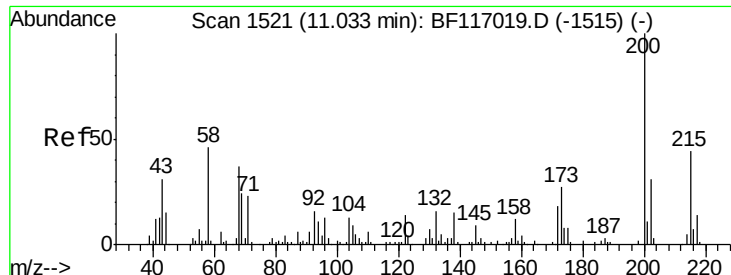
mohammad
 9/24/2019 9:12:51 AM



#68
 Hexachlorobenzene
 Concen: 60.430 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion:	284	Resp:	73145
Ion Ratio	Lower	Upper	
284	100		
142	49.0	31.4	47.2#
249	32.3	26.5	39.7





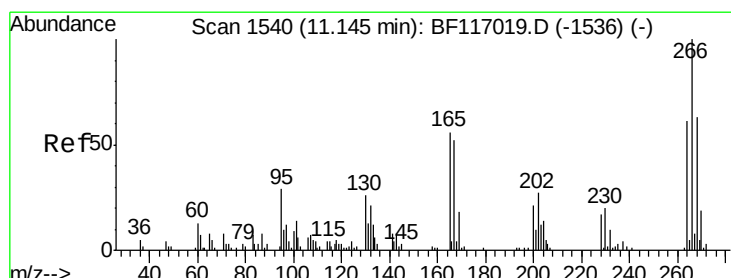
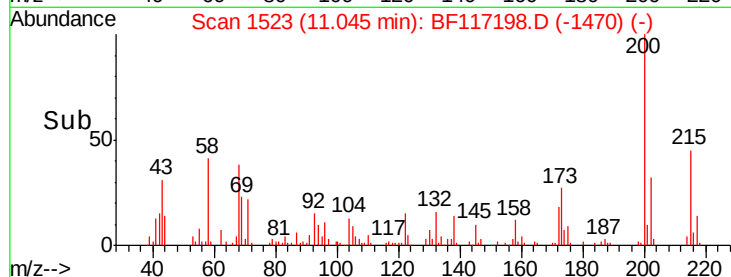
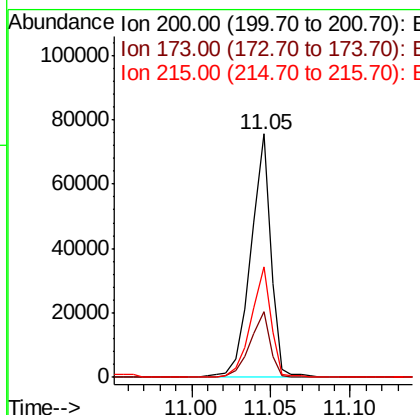
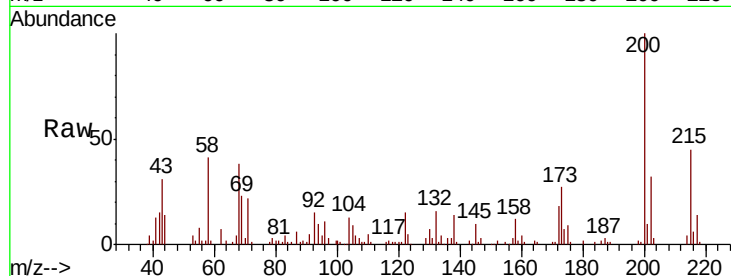
#69
Atrazine
Concen: 111.723 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampled :
SP4897

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.0	6.9	46.9
215	45.5	23.8	63.8

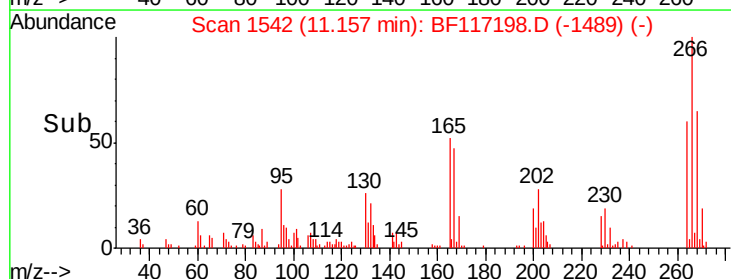
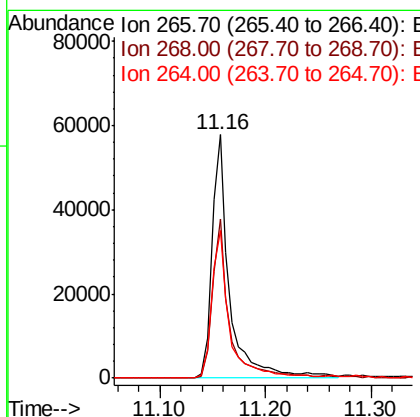
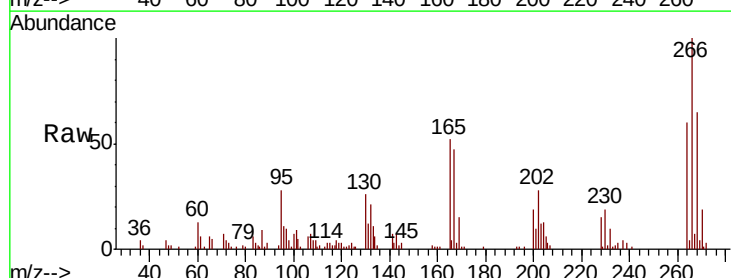
Manual Integrations
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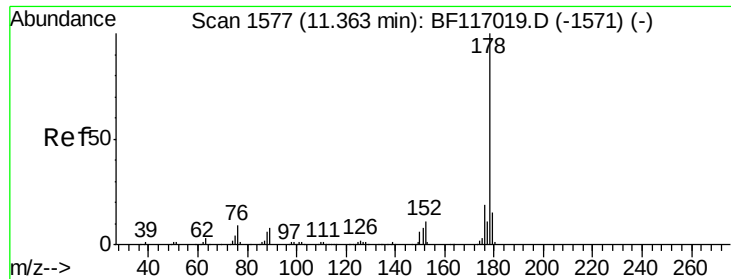
mohammad
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#70
Pentachlorophenol
Concen: 119.199 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.3	50.5	75.7
264	60.5	48.8	73.2





#71

Phenanthrene

Concen: 60.295 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

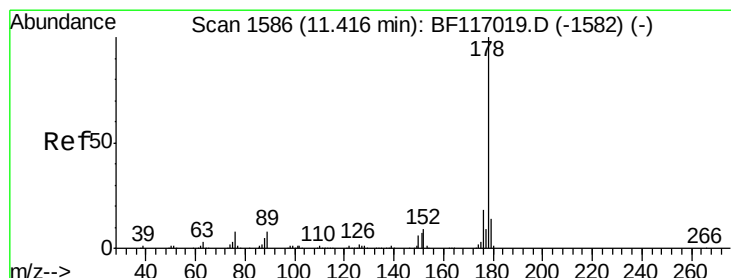
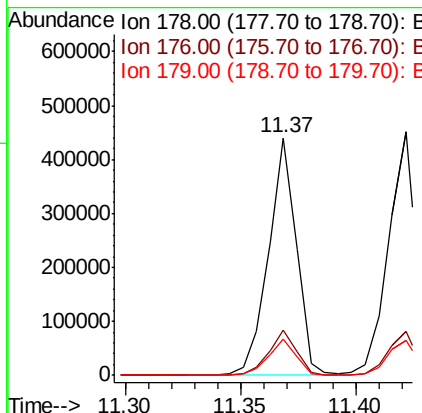
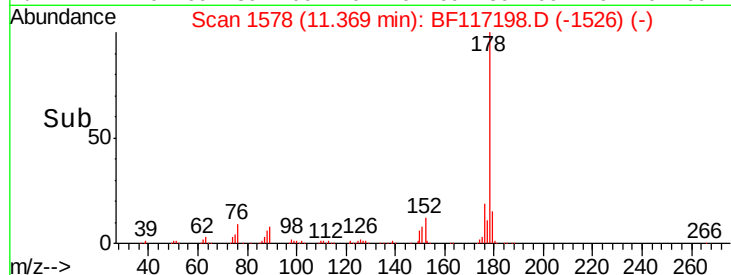
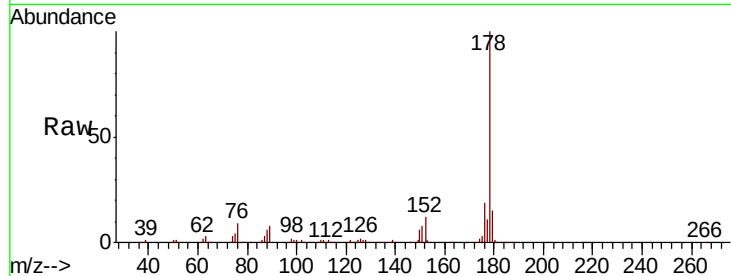
ClientSampleId :

SP4897

Tot Ion:	178	Resp:	371119
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.4	23.2
179	15.2	12.4	18.6

Manual Integrations
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#72

Anthracene

Concen: 62.243 ng

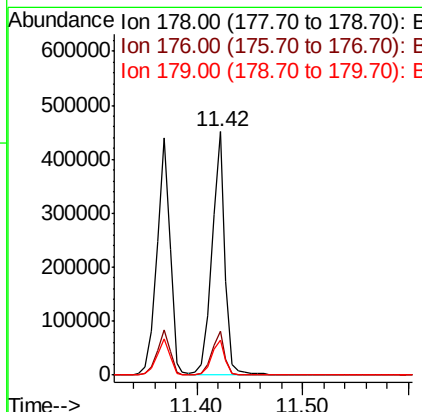
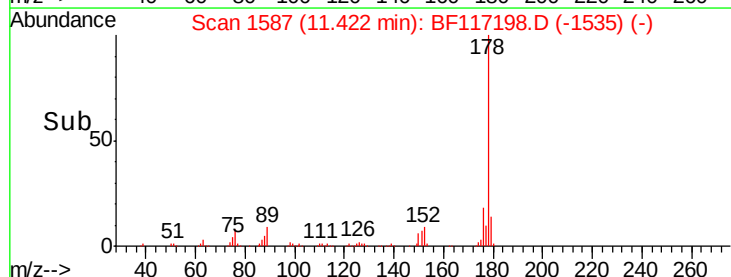
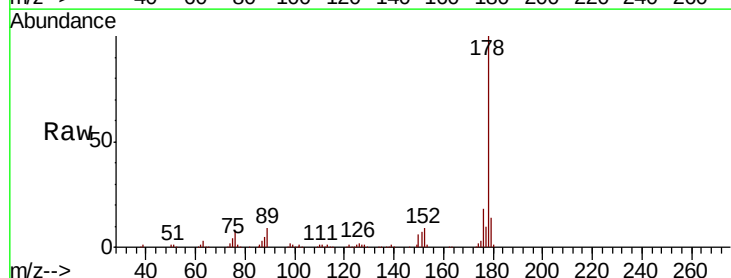
RT: 11.42 min Scan# 1587

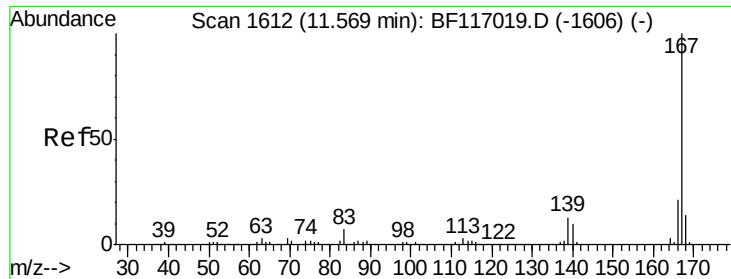
Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Tgt Ion:	178	Resp:	391124
Ion Ratio	Lower	Upper	
178	100		
176	17.9	14.6	21.8
179	14.5	11.6	17.4





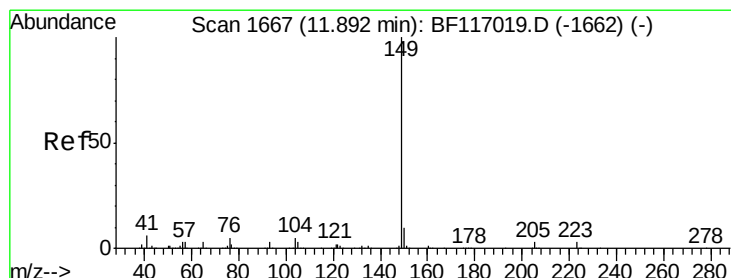
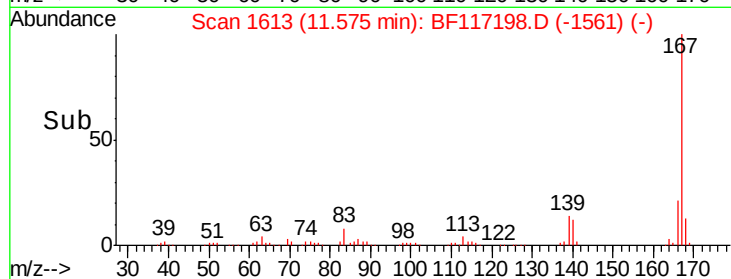
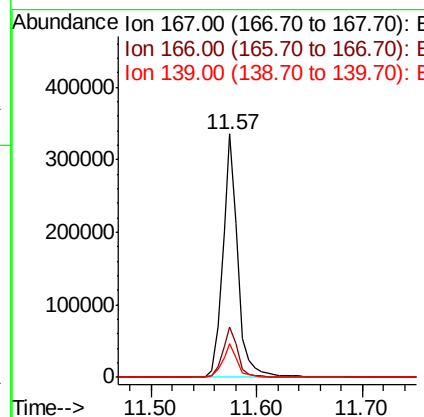
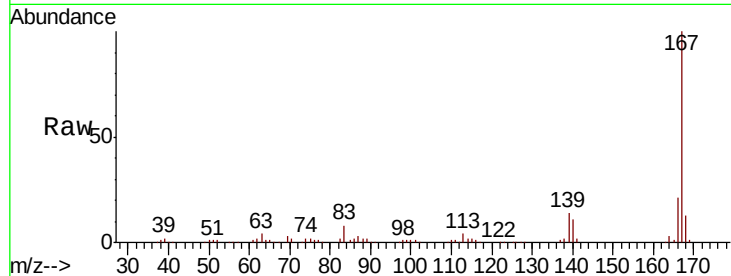
#73
 Carbazole
 Concen: 56.183 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP4897

Tot Ion	Ratio	Resp	Lower	Upper
167	100	335113		
166	20.8	17.2	25.8	
139	14.0	10.6	16.0	

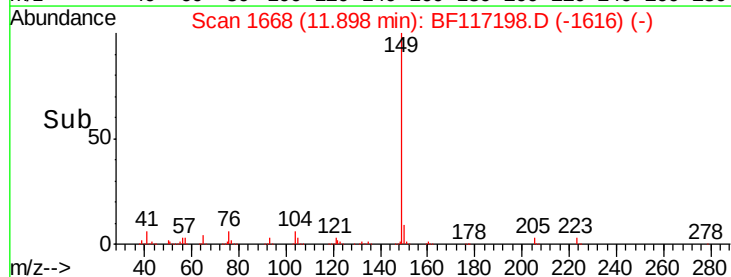
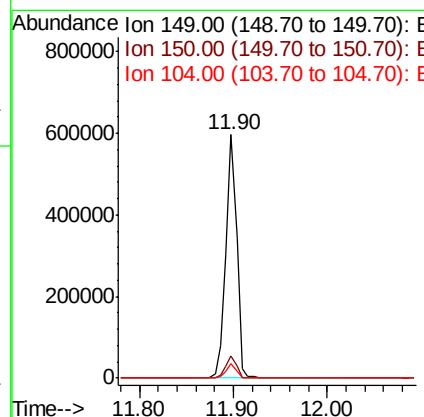
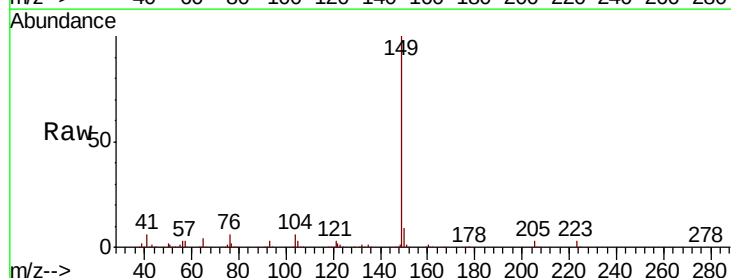
Manual Integrations
 APPROVED

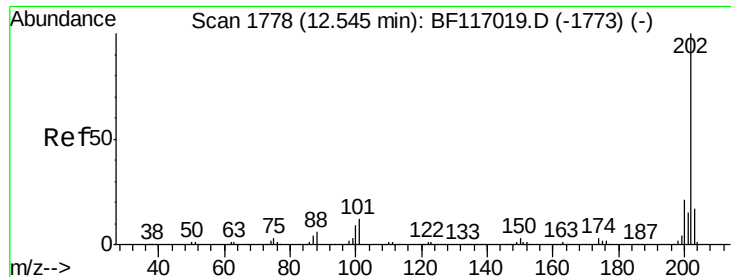
mohammad
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#74
 Di-n-butylphthalate
 Concen: 68.484 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	486001		
150	9.0	7.7	11.5	
104	5.8	4.2	6.4	





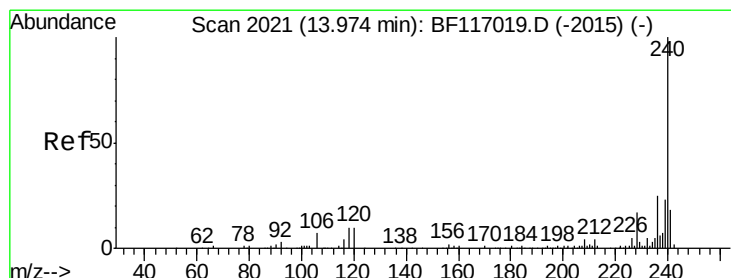
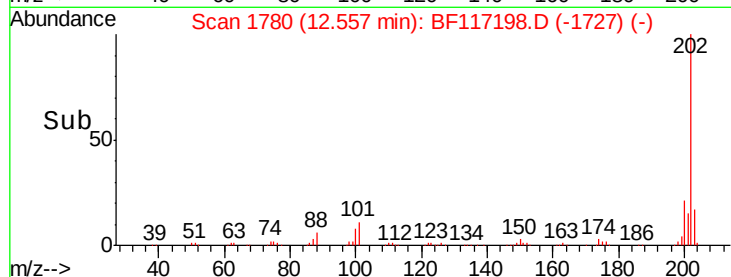
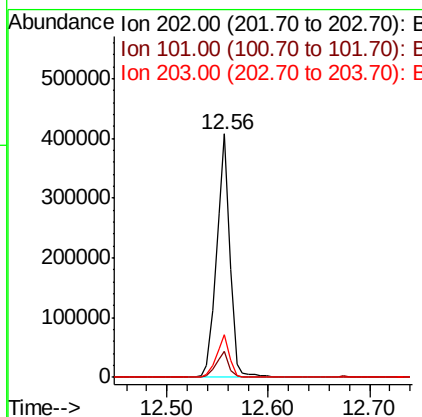
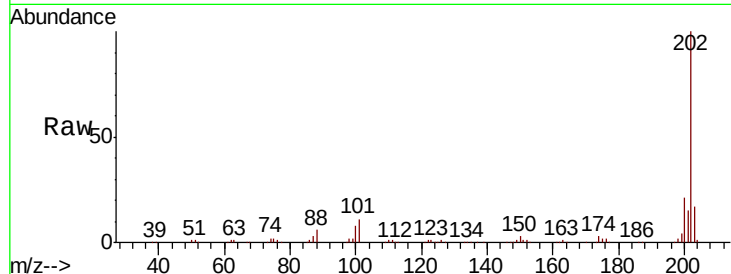
#75
 Fluoranthene
 Concen: 58.506 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampled :
 SP4897

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	32.3
203	17.3	0.0	37.1

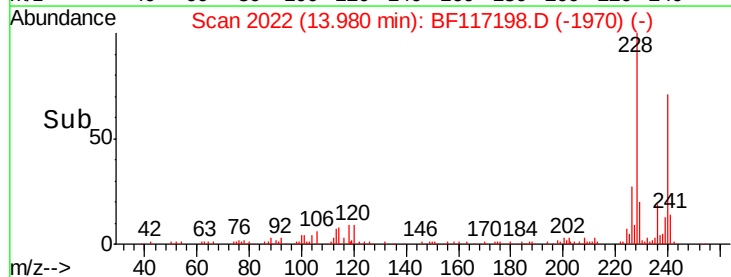
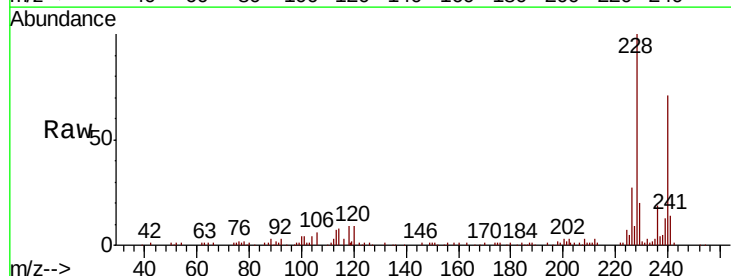
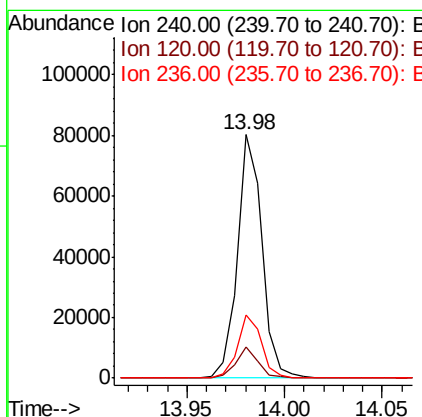
Manual Integrations
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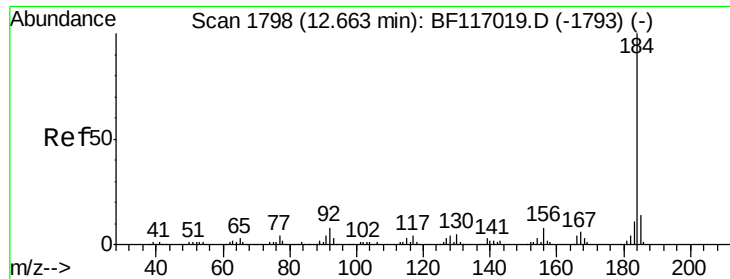
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.6	8.3	12.5#
236	26.0	20.3	30.5





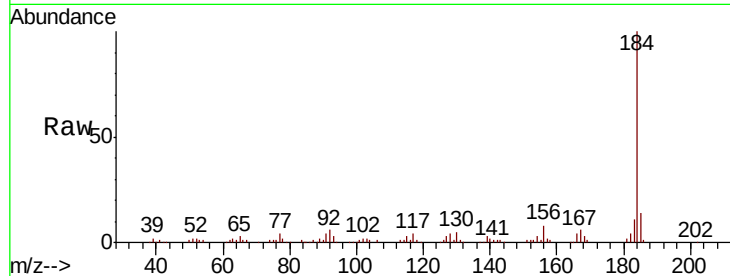
#77
Benzidine
Concen: 99.158 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampled :
SP4897

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.6	17.4
183	11.4	9.0	13.4

Manual Integrations
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mohammad
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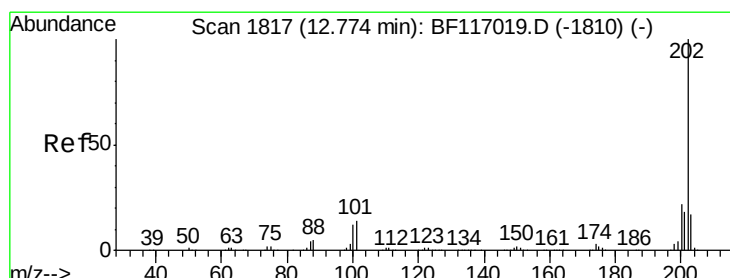
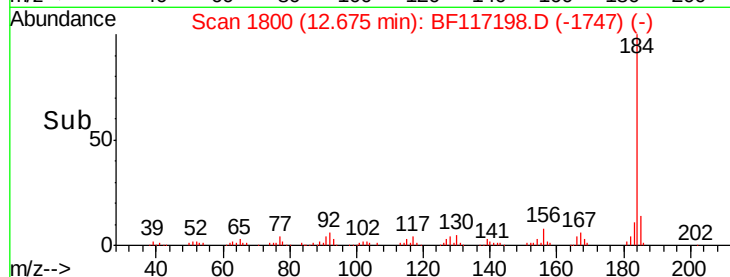
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

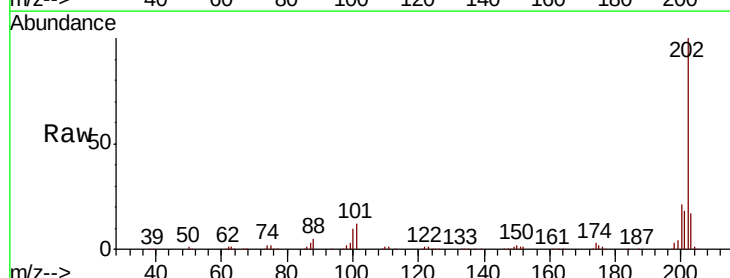
Ion 183.00 (182.70 to 183.70): E

Time-->



#78
Pyrene
Concen: 61.243 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.2	14.0	21.0



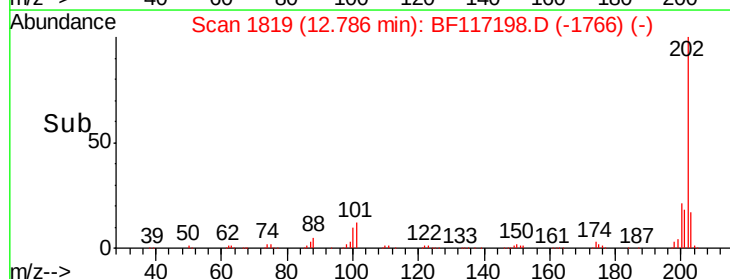
Abundance

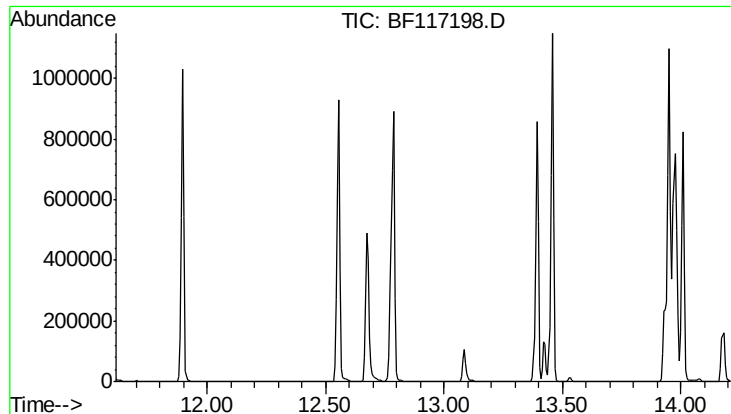
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->





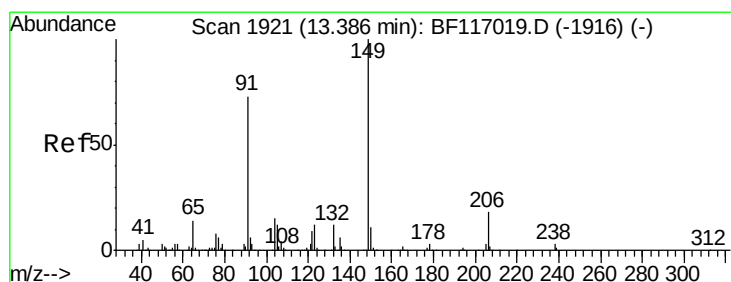
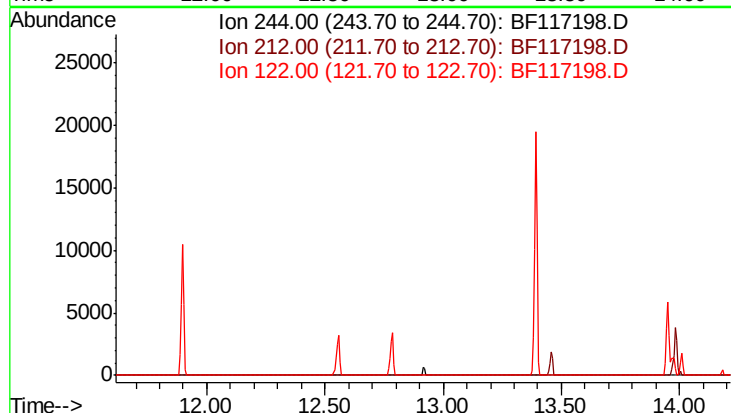
#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.92 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP4897

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 7.3
 122 14.1

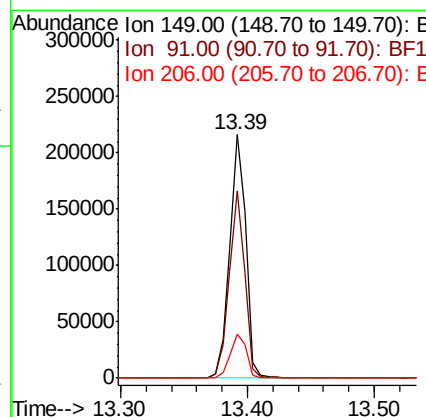
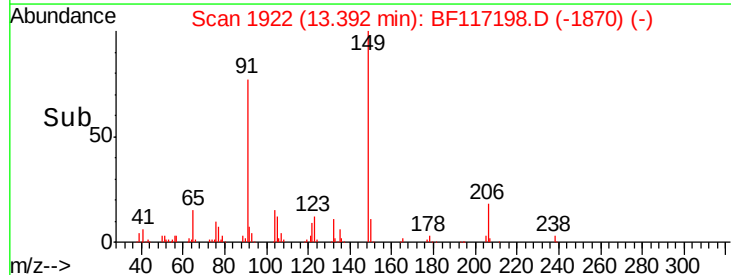
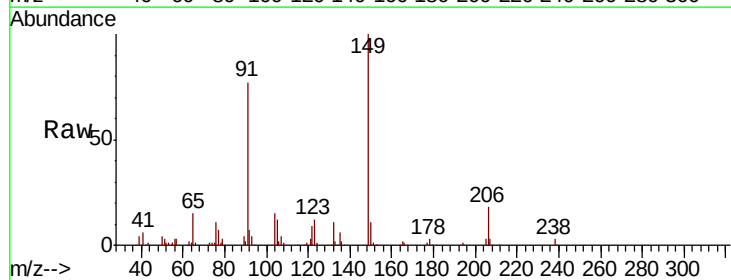
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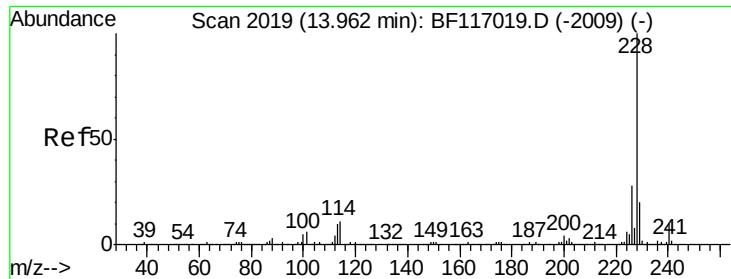
mohammad
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#80
 Butylbenzylphthalate
 Concen: 68.303 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF117198.D
 Acq: 20 Sep 2019 20:57

Tgt Ion: 149 Resp: 190059
 Ion Ratio Lower Upper
 149 100
 91 76.8 58.8 88.2
 206 18.0 14.1 21.1





#81

Benzo(a)anthracene

Concen: 58.552 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Instrument :

BNA_F

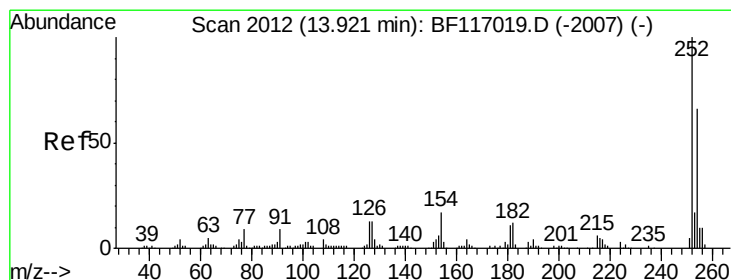
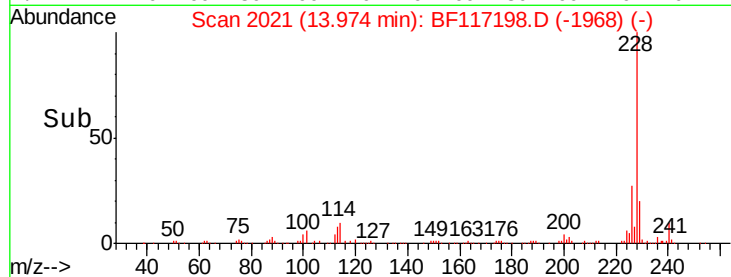
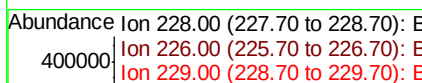
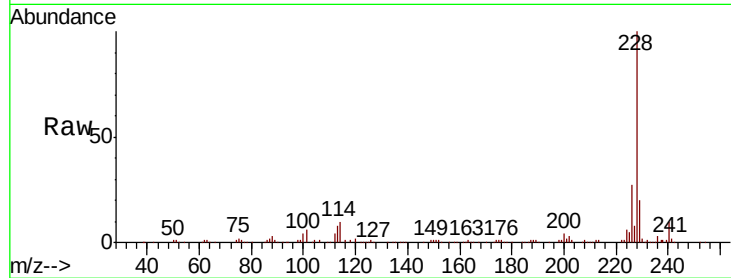
ClientSampleId :

SP4897

Tot Ion:	228	Resp:	274552
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.3	33.5
229	19.7	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 35.810 ng

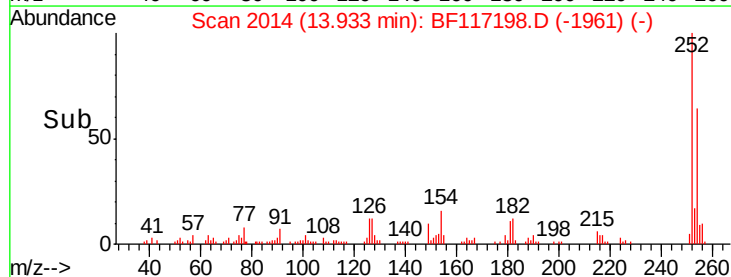
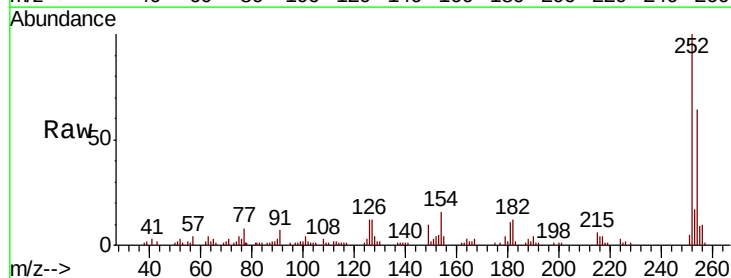
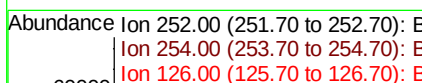
RT: 13.93 min Scan# 2014

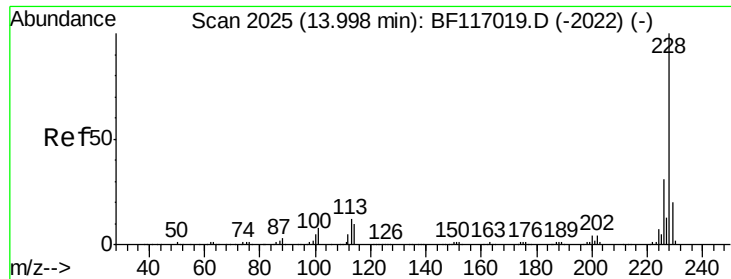
Delta R.T. 0.01 min

Lab File: BF117198.D

Acq: 20 Sep 2019 20:57

Tgt Ion:	252	Resp:	54109
Ion Ratio	Lower	Upper	
252	100		
254	63.9	52.6	79.0
126	11.6	10.4	15.6





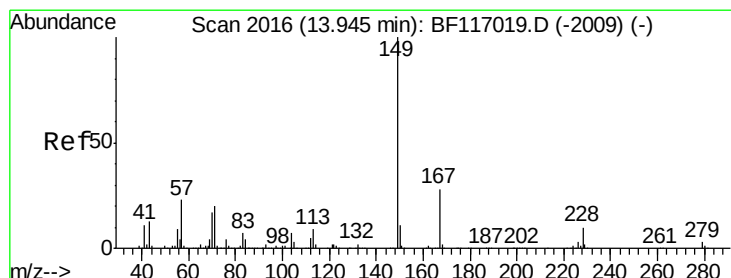
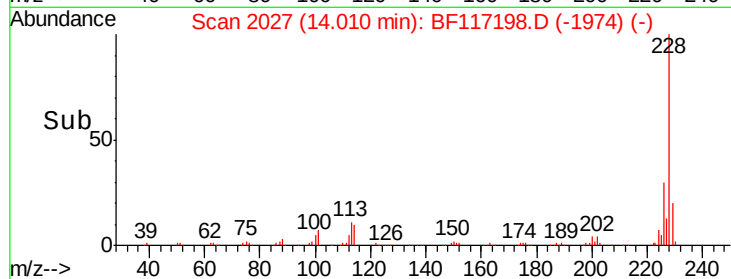
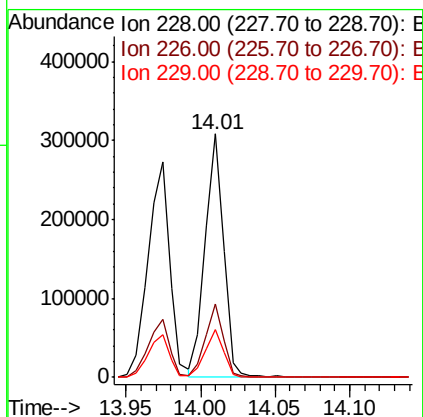
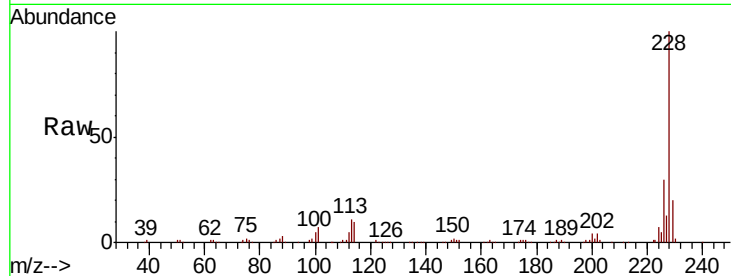
#83
Chrysene
Concen: 57.915 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :
SP4897

Tot Ion	Ratio	Resp	Lower	Upper
228	100	264862		
226	30.1		24.8	37.2
229	19.8		15.8	23.8

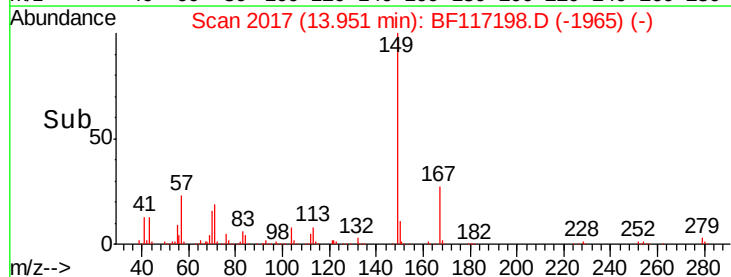
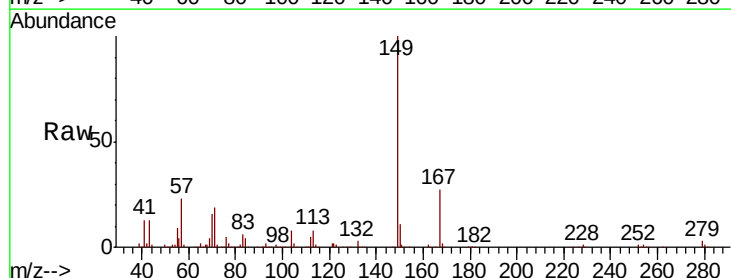
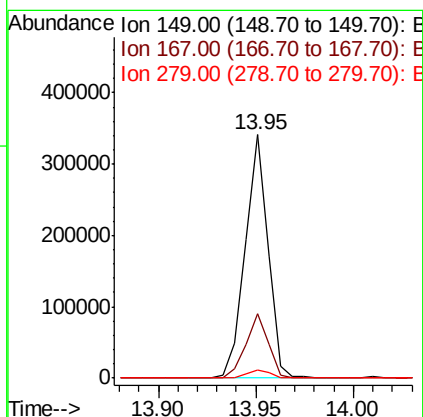
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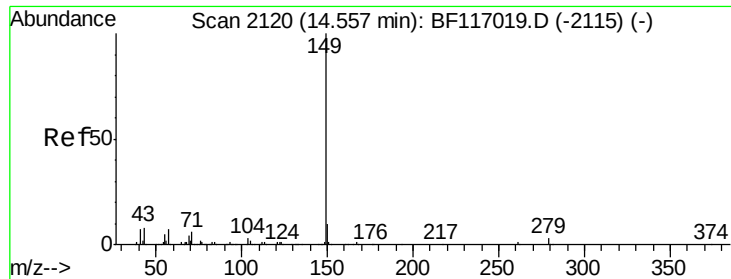
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#84
Bis(2-ethylhexyl)phthalate
Concen: 77.088 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	276573		
167	26.7		22.2	33.2
279	3.1		2.8	4.2





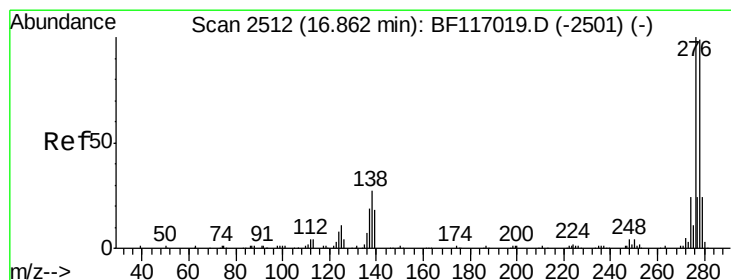
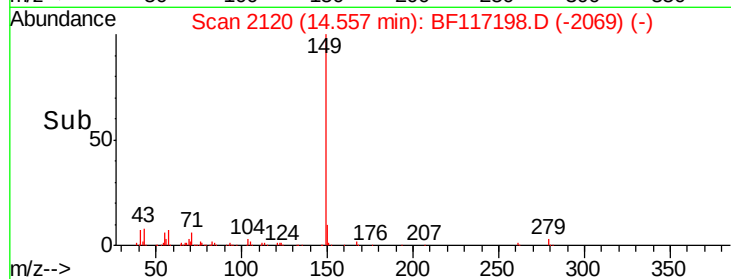
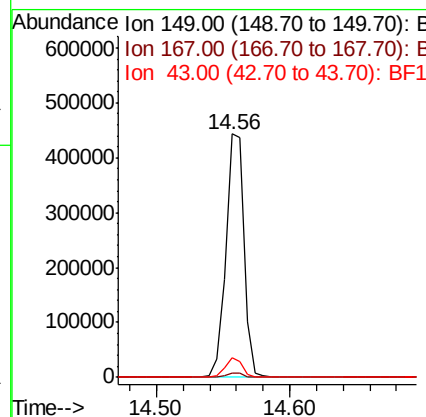
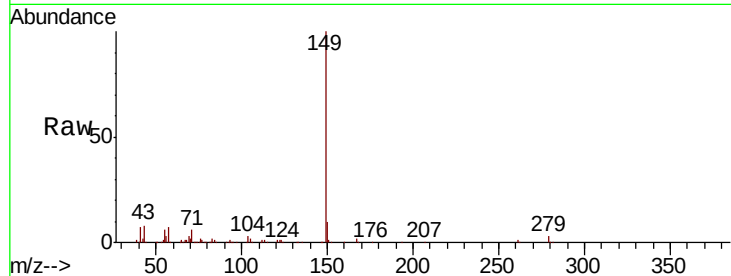
#85
Di-n-octyl phthalate
Concen: 75.791 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :
SP4897

Tot Ion	Ratio	Resp	Lower	Upper
149	100	427984		
167	1.5		1.2	1.8
43	7.5		6.2	9.4

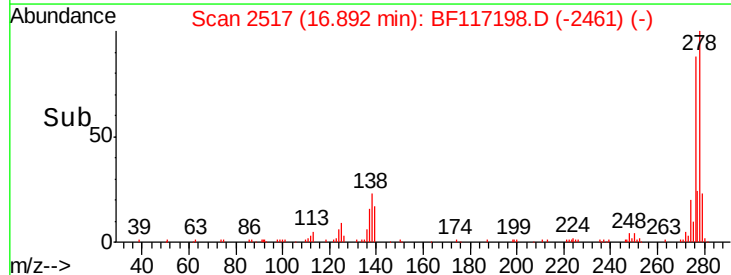
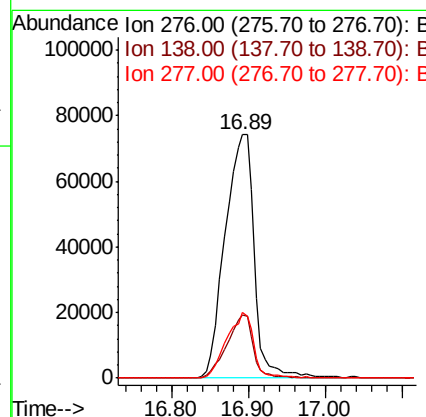
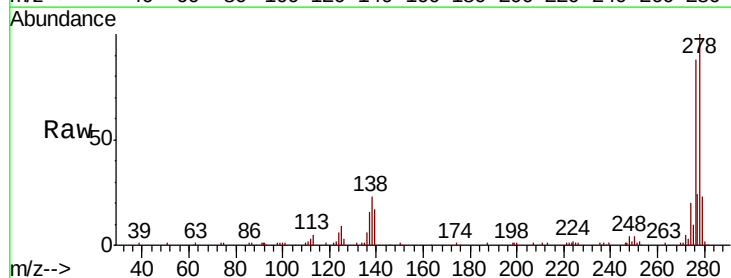
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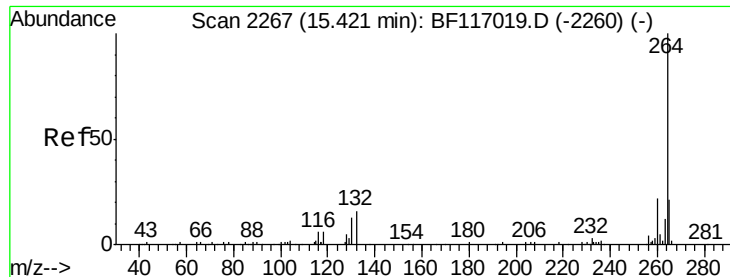
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#86
Indeno(1,2,3-cd)pyrene
Concen: 58.606 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	195540		
138	23.1		20.7	31.1
277	24.8		19.8	29.8





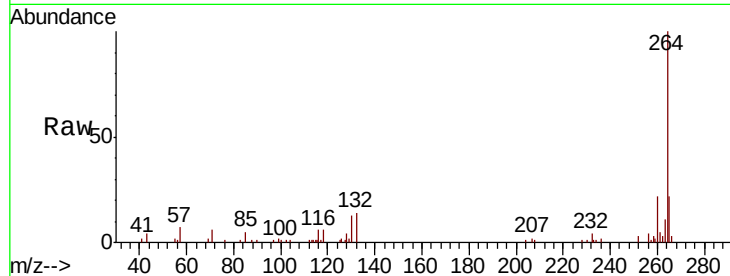
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampled :
SP4897

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.6	26.4
265	22.0	16.6	24.8

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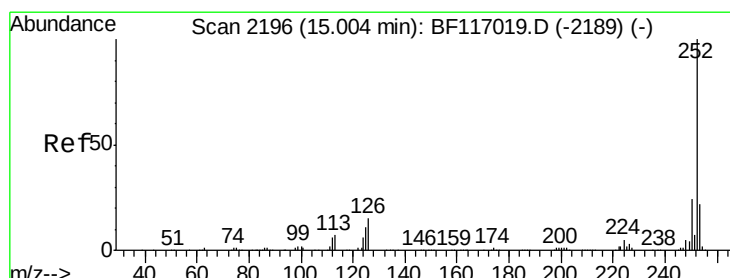
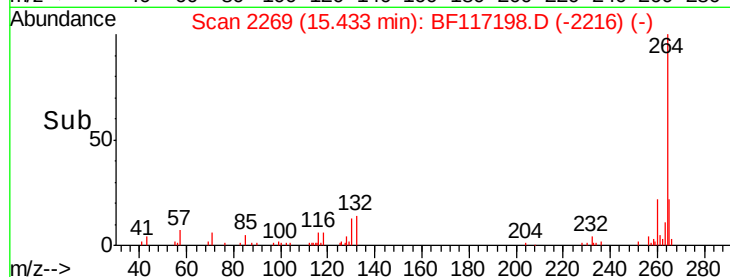
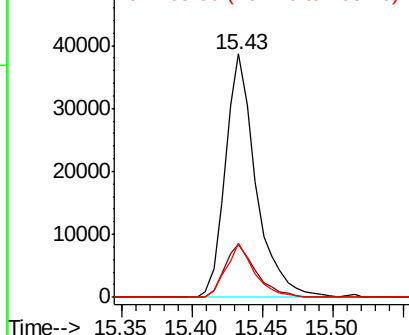


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 59.510 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

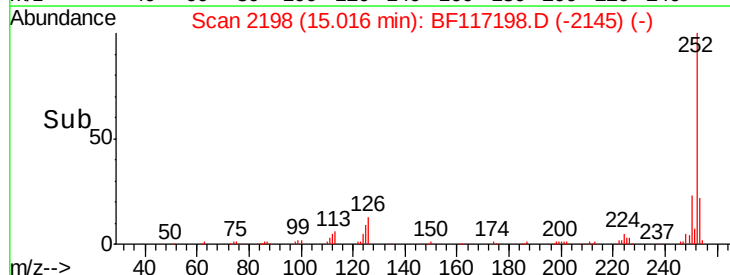
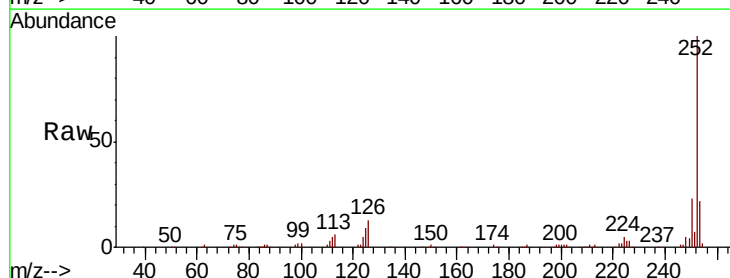
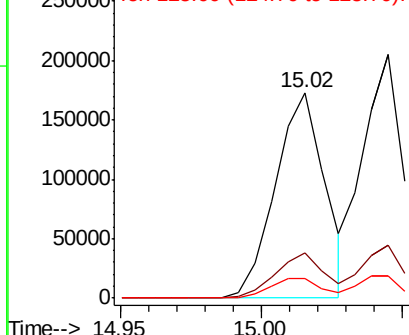
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.4	8.6	12.8

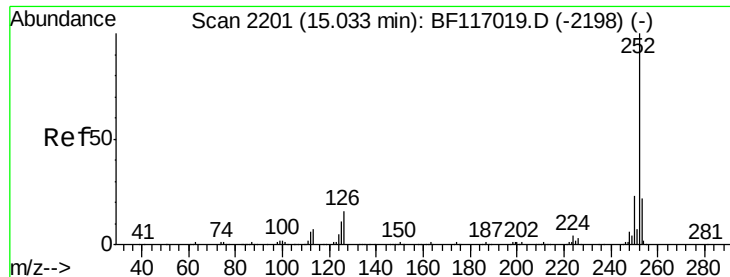
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





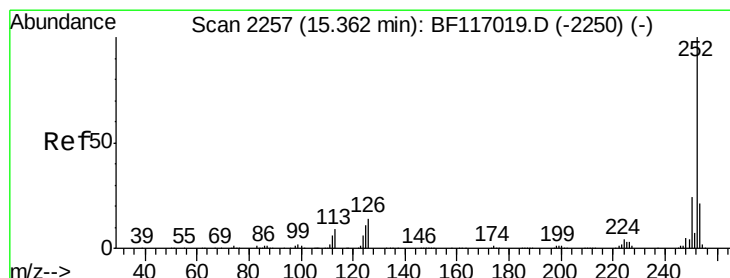
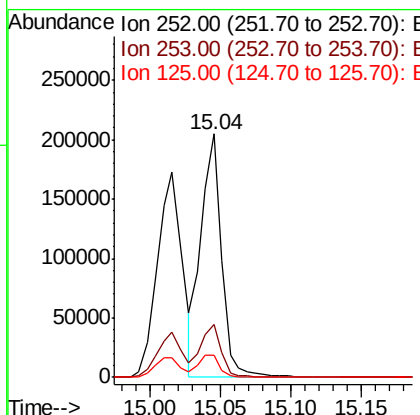
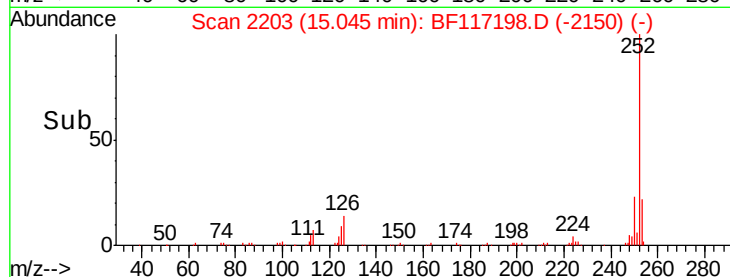
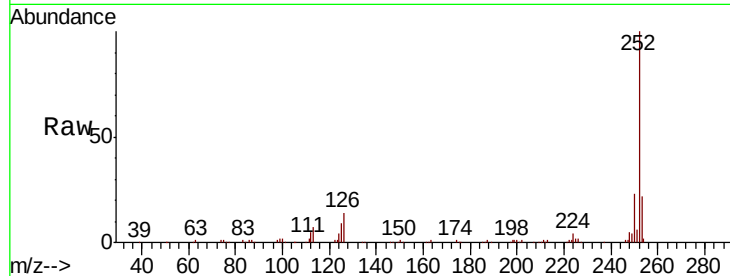
#89
Benzo(k)fluoranthene
Concen: 62.548 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampled :
SP4897

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	9.3	8.8	13.2

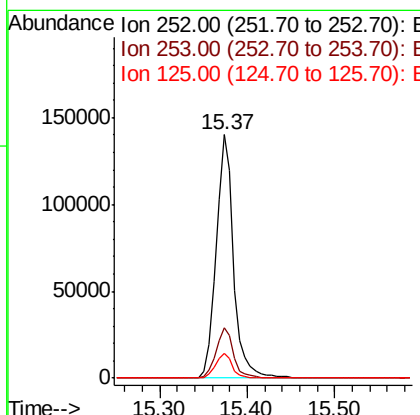
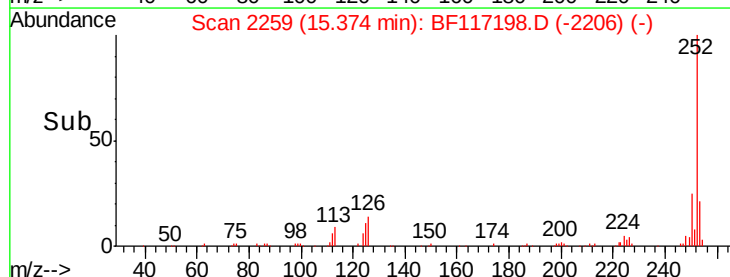
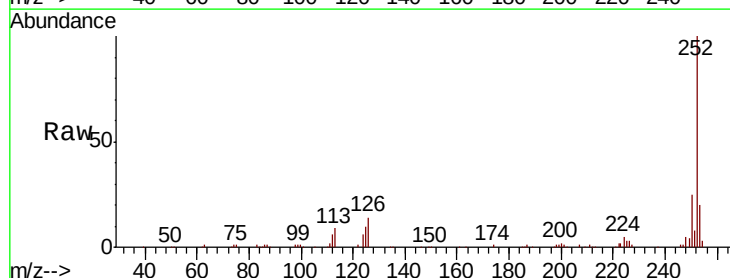
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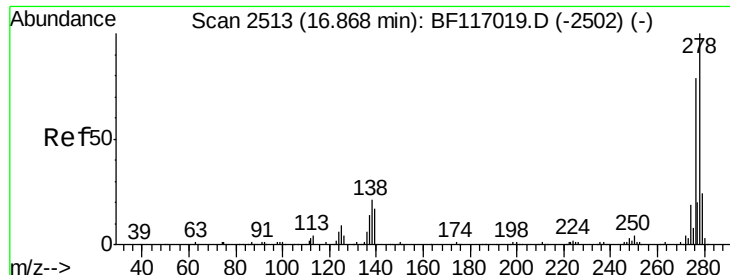
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#90
Benzo(a)pyrene
Concen: 62.381 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.5	16.6	25.0
125	10.4	8.9	13.3





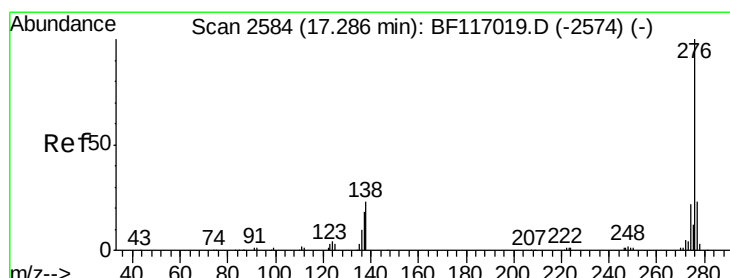
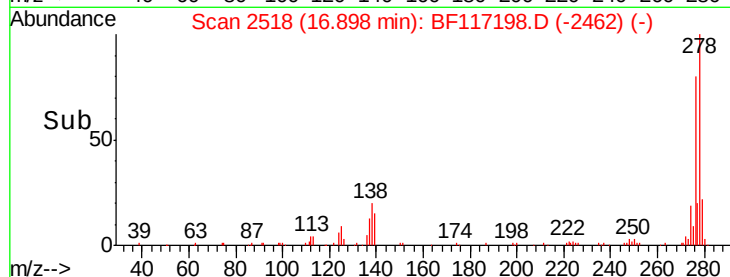
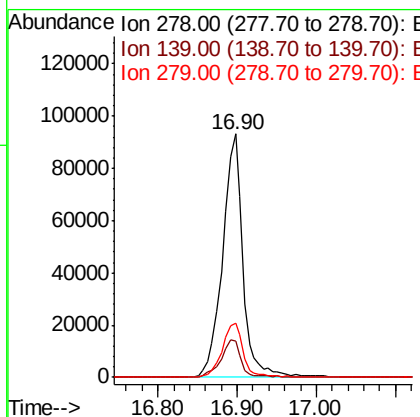
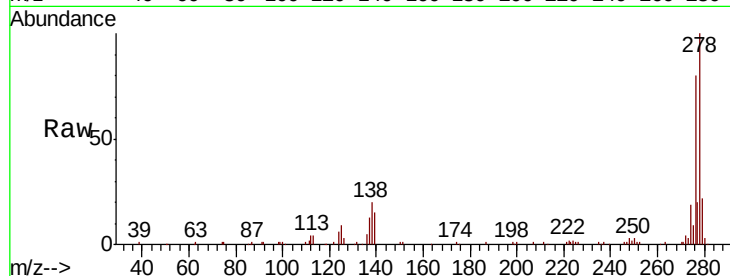
#91
Dibenzo(a,h)anthracene
Concen: 67.376 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.03 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Instrument :
BNA_F
ClientSampleId :
SP4897

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	14.7	13.5	20.3	
279	22.5	18.8	28.2	

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#92
Benzo(g,h,i)perylene
Concen: 60.595 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.04 min
Lab File: BF117198.D
Acq: 20 Sep 2019 20:57

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	22.4	18.6	27.8	
138	18.8	18.0	27.0	

