

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118064.D
 Acq On : 3 Dec 2019 16:09
 Operator : JU
 Sample : K5675-11MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MS

Manual Integrations
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 12/4/2019 5:01:26 PM

Quant Time: Dec 03 16:57:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	137995	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	534100	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	284214	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	540009	20.00	ng	0.00
76) Chrysene-d12	14.07	240	357913	20.00	ng	0.00
87) Perylene-d12	15.57	264	346241	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	812613	104.24	ng	0.02
7) Phenol-d6	6.51	99	1002115	106.57	ng	0.00
23) Nitrobenzene-d5	7.45	82	625368	69.60	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	355754	118.23	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1278356	80.69	ng	0.00
79) Terphenyl-d14	13.02	244	1552866	79.29	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	101954	27.978	ng	# 83
3) Pyridine	3.52	79	178189	18.641	ng	99
4) n-Nitrosodimethylamine	3.45	42	128348	30.759	ng	98
6) Aniline	6.54	93	243432	19.591	ng	100
8) 2-Chlorophenol	6.67	128	316021	37.358	ng	97
9) Benzaldehyde	6.43	77	75030	8.412	ng	98
10) Phenol	6.52	94	359953	36.838	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	272814	34.768	ng	97
12) 1,3-Dichlorobenzene	6.82	146	318235	31.954	ng	98
13) 1,4-Dichlorobenzene	6.90	146	331471	32.928	ng	98
14) 1,2-Dichlorobenzene	7.05	146	312444	32.453	ng	99
15) Benzyl Alcohol	7.02	79	272022	37.471	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	321639	26.624	ng	99
17) 2-Methylphenol	7.13	107	256418	35.794	ng	99
18) Hexachloroethane	7.39	117	118565	32.062	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	202889	34.975	ng	96
20) 3+4-Methylphenols	7.29	107	320910	36.088	ng	91
22) Acetophenone	7.29	105	432884	36.075	ng	# 93
24) Nitrobenzene	7.46	77	317087	34.210	ng	97
25) Isophorone	7.70	82	558940	33.942	ng	99
26) 2-Nitrophenol	7.78	139	174761	38.738	ng	98
27) 2,4-Dimethylphenol	7.82	122	273887	39.070	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	352776	33.759	ng	99
29) 2,4-Dichlorophenol	8.02	162	272189	35.795	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	286650	32.499	ng	99
31) Naphthalene	8.19	128	950191	38.162	ng	99
32) Benzoic acid	7.93	122	168128	28.643	ng	96
33) 4-Chloroaniline	8.23	127	219756	19.715	ng	96
34) Hexachlorobutadiene	8.30	225	167045	32.393	ng	99
35) Caprolactam	8.60	113	78919m	32.656	ng	
36) 4-Chloro-3-methylphenol	8.72	107	291168	37.730	ng	99
37) 2-Methylnaphthalene	8.88	142	637821	37.912	ng	98
38) 1-Methylnaphthalene	8.98	142	595026	37.411	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	285508	34.591	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	273553	59.141	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	201804	34.135	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	216858	35.329	nq	97
46) 1,1'-Biphenyl	9.35	154	773259	36.672	nq	99
47) 2-Chloronaphthalene	9.37	162	599635	34.568	nq	97
48) 2-Nitroaniline	9.47	65	172623	32.962	nq	98
49) Acenaphthylene	9.79	152	955914	37.798	nq	99
50) Dimethylphthalate	9.65	163	710576	35.653	nq	99
51) 2,6-Dinitrotoluene	9.71	165	160670	36.886	nq	96
52) Acenaphthene	9.96	154	559541	34.538	nq	100
53) 3-Nitroaniline	9.88	138	128441	24.643	nq	95
54) 2,4-Dinitrophenol	9.99	184	121398	56.568	nq	98
55) Dibenzofuran	10.14	168	859273	38.302	nq	98
56) 4-Nitrophenol	10.05	139	261668	67.259	nq	99
57) 2,4-Dinitrotoluene	10.12	165	215440	38.882	nq	# 84
58) Fluorene	10.48	166	664296	38.211	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	177298	35.154	nq	99
60) Diethylphthalate	10.35	149	709692	36.524	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	325859	36.935	nq	98
62) 4-Nitroaniline	10.50	138	162096	31.061	nq	97
63) Azobenzene	10.63	77	616499	34.875	nq	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	94244	37.384	nq	79
66) n-Nitrosodiphenylamine	10.59	169	590470	37.572	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	205381	35.249	nq	98
68) Hexachlorobenzene	11.03	284	235269	34.628	nq	98
69) Atrazine	11.12	200	149632	28.944	nq	100
70) Pentachlorophenol	11.23	266	254719	64.172	nq	99
71) Phenanthrene	11.45	178	1011739	37.265	nq	100
72) Anthracene	11.50	178	1043122	38.751	nq	100
73) Carbazole	11.65	167	888474	37.771	nq	100
74) Di-n-butylphthalate	11.98	149	1121079	38.278	nq	99
75) Fluoranthene	12.64	202	1025979	40.795	nq	100
77) Benzidine	12.77	184	1456	0.124	nq	# 60
78) Pyrene	12.87	202	1026624	35.493	nq	100
80) Butylbenzylphthalate	13.49	149	459333	36.974	nq	99
81) Benzo(a)anthracene	14.06	228	845499	35.748	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	257469	31.121	nq	100
83) Chrysene	14.10	228	826839	36.078	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	633622	42.069	nq	99
85) Di-n-octyl phthalate	14.66	149	961104	43.437	nq	100
86) Indeno(1,2,3-cd)pyrene	17.09	276	821827	42.133	nq	100
88) Benzo(b)fluoranthene	15.13	252	795828	35.377	nq	99
89) Benzo(k)fluoranthene	15.16	252	701392	33.091	nq	99
90) Benzo(a)pyrene	15.51	252	696509	35.211	nq	98
91) Dibenzo(a,h)anthracene	17.10	278	686550	40.324	nq	100
92) Benzo(g,h,i)perylene	17.55	276	688889	40.622	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

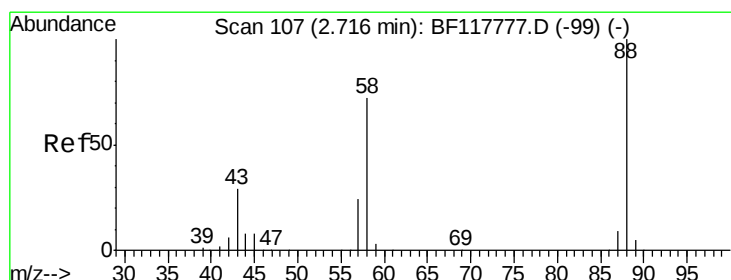
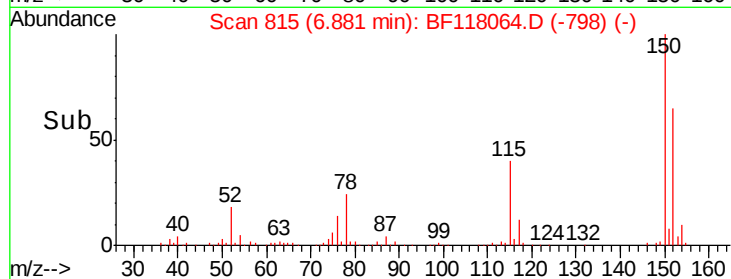
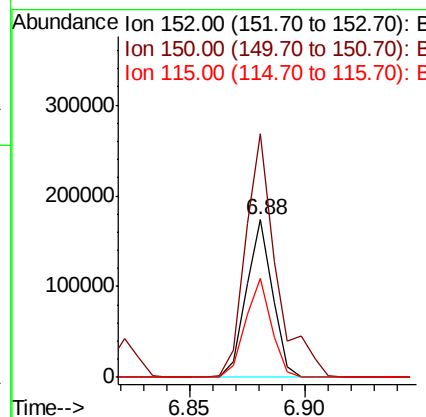
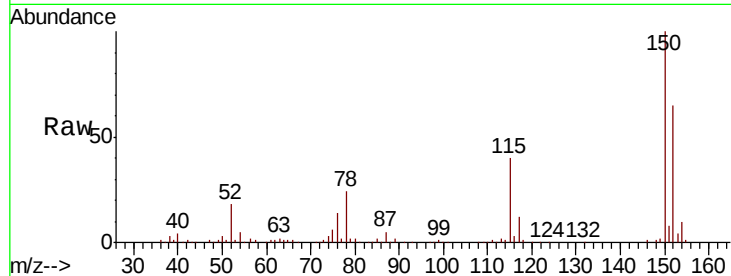
ClientSampleId :

TR-05-112619MS

Tot Ion:	152	Resp:	137995
Ion Ratio	Lower	Upper	
152	100		
150	154.5	121.4	182.2
115	62.5	48.8	73.2

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#2

1,4-Dioxane

Concen: 27.978 ng

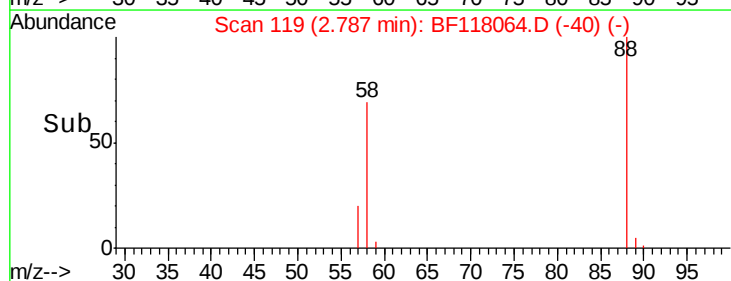
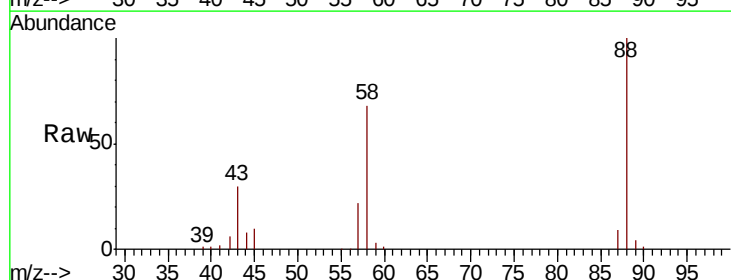
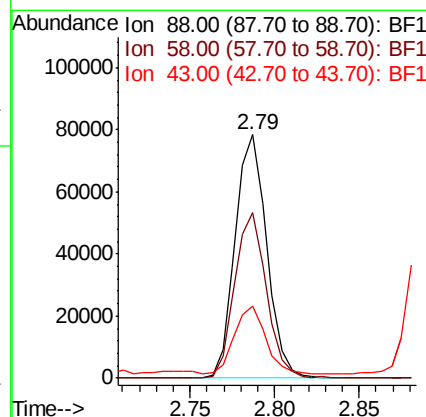
RT: 2.79 min Scan# 119

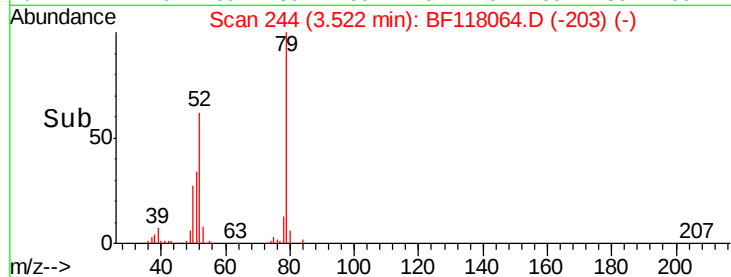
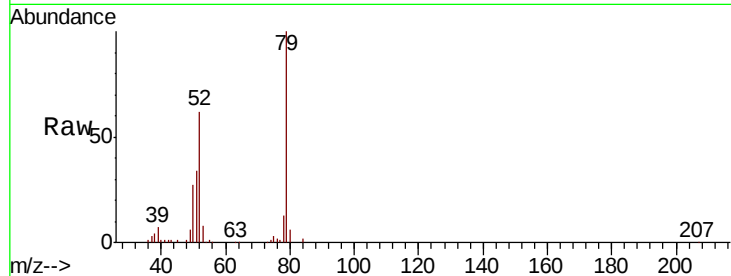
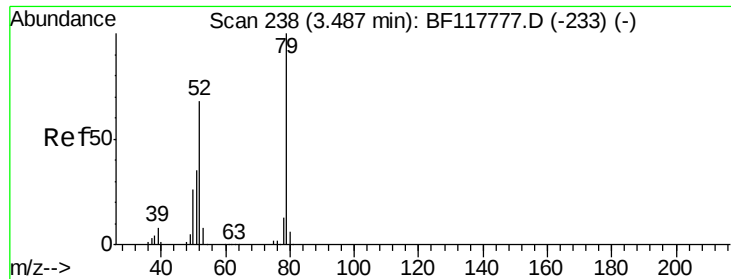
Delta R.T. 0.16 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Tgt Ion:	88	Resp:	101954
Ion Ratio	Lower	Upper	
88	100		
58	67.9	52.6	78.8
43	0.0	21.8	32.6#





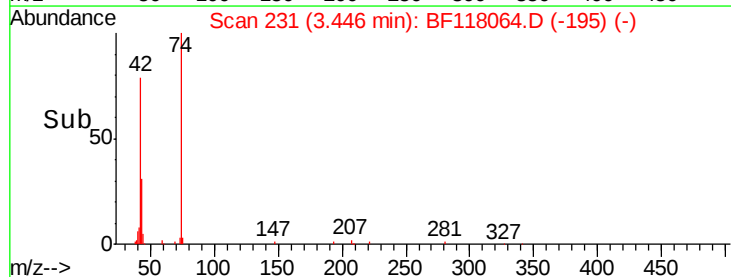
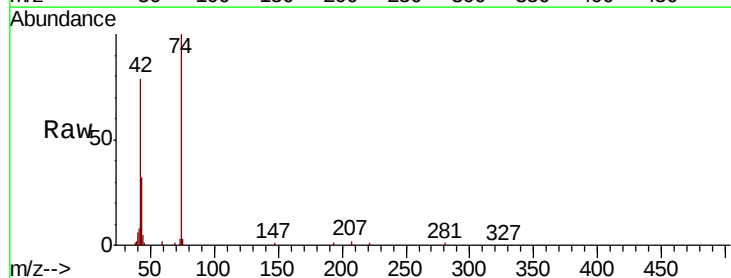
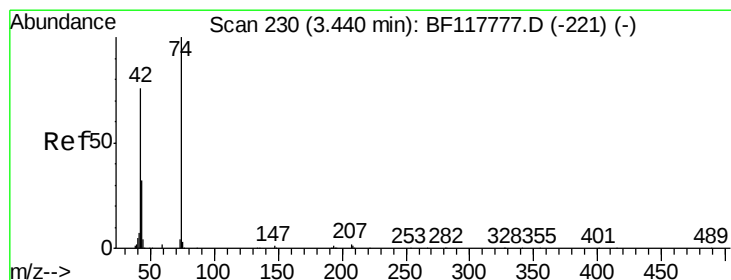
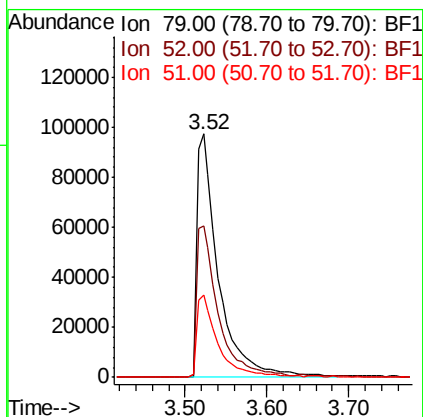
#3
 Pvridine
 Concen: 18.641 ng
 RT: 3.52 min Scan# 244
 Delta R.T. 0.14 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.0	50.6	75.8
51	33.9	26.8	40.2

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 TR-05-112619MS

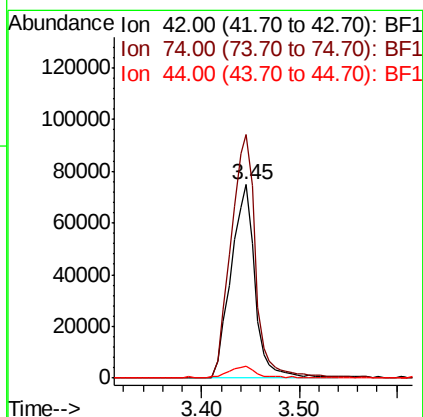
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#4
 n-Nitrosodimethylamine
 Concen: 30.759 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.11 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.0	102.8	154.2
44	6.4	4.7	7.1





#5

2-Fluorophenol

Concen: 104.236 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

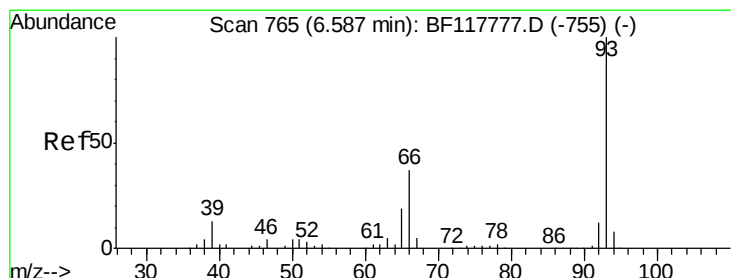
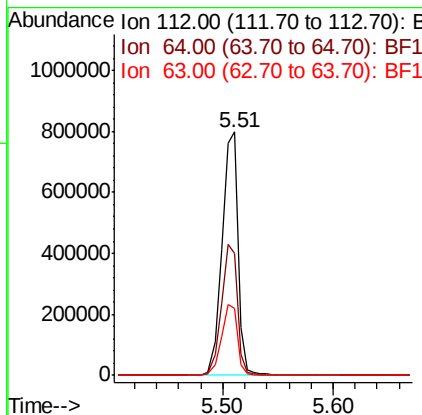
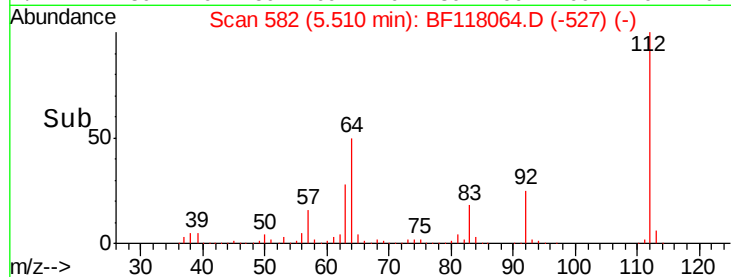
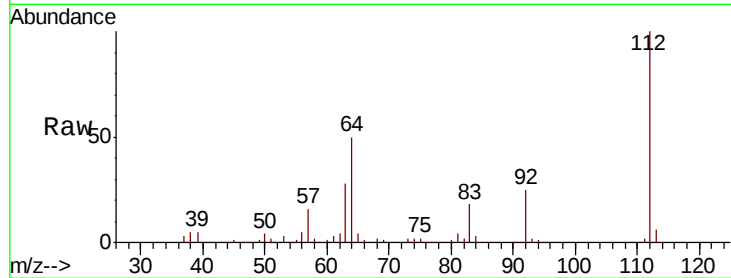
ClientSampleId :

TR-05-112619MS

Tot Ion:	112	Resp:	812613
Ion Ratio	Lower	Upper	
112	100		
64	49.9	45.1	67.7
63	27.7	24.6	37.0

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#6

Aniline

Concen: 19.591 ng

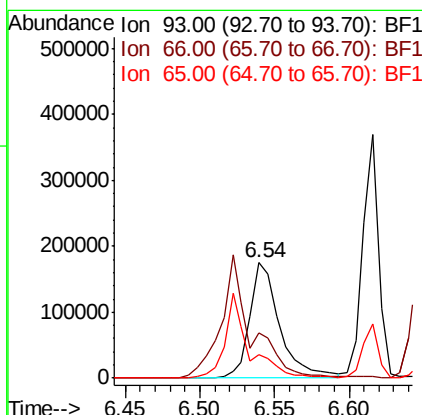
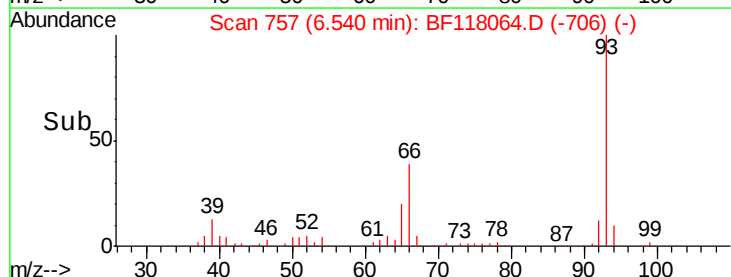
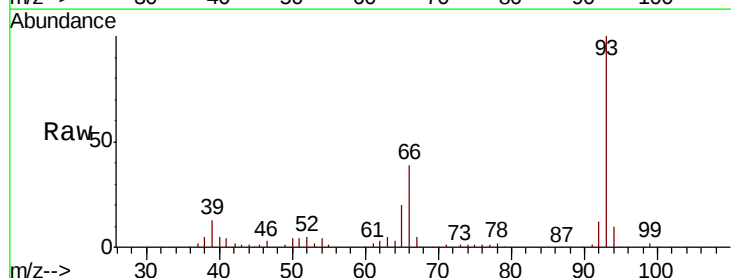
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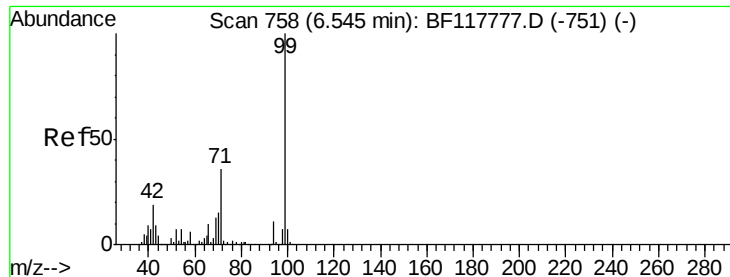
Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Tgt Ion:	93	Resp:	243432
Ion Ratio	Lower	Upper	
93	100		
66	39.0	31.0	46.6
65	20.1	15.8	23.8





#7

Phenol-d6

Concen: 106.573 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

TR-05-112619MS

Tot Ion: 99 Resp: 1002115

Ion Ratio Lower Upper

99 100

42 17.6 14.0 21.0

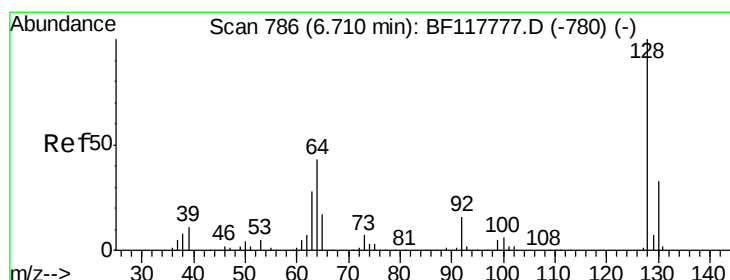
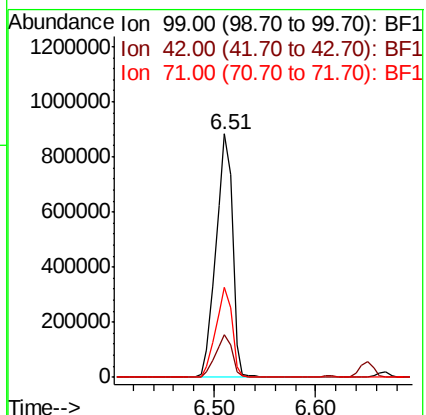
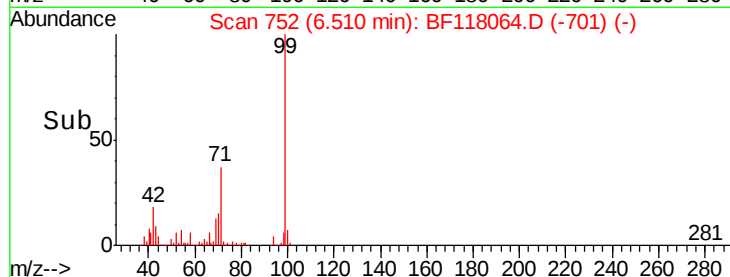
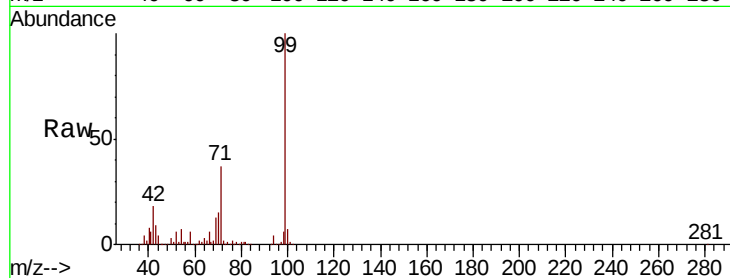
71 36.9 29.2 43.8

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#8

2-Chlorophenol

Concen: 37.358 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

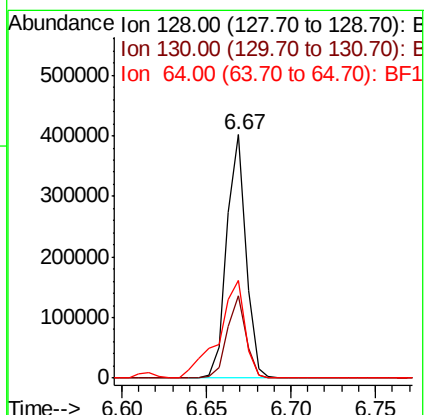
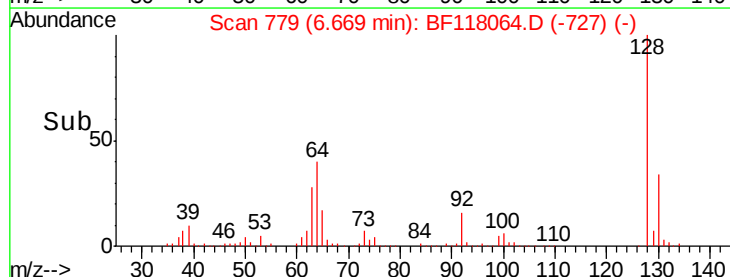
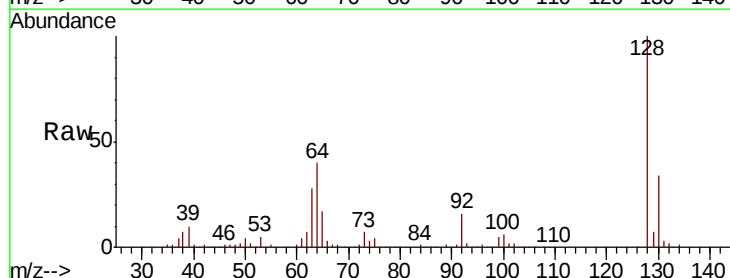
Tgt Ion: 128 Resp: 316021

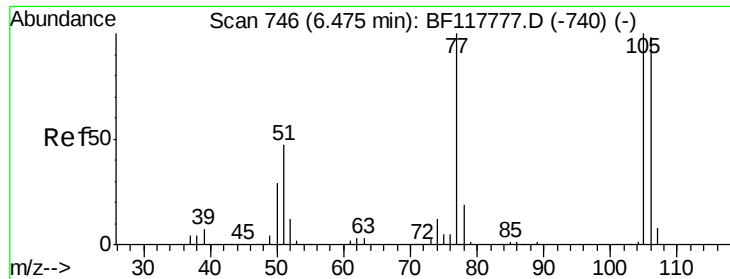
Ion Ratio Lower Upper

128 100

130 33.6 12.4 52.4

64 40.4 23.2 63.2





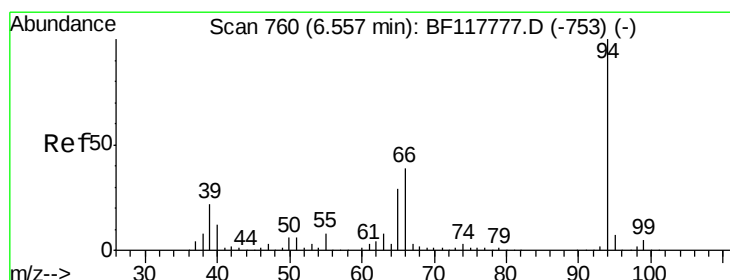
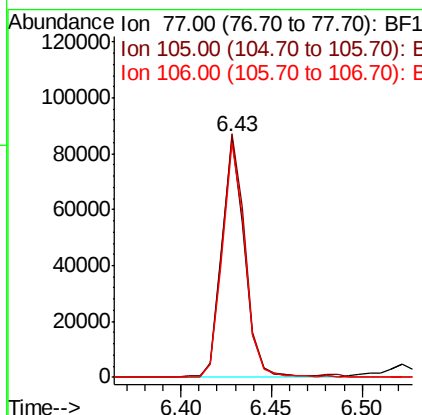
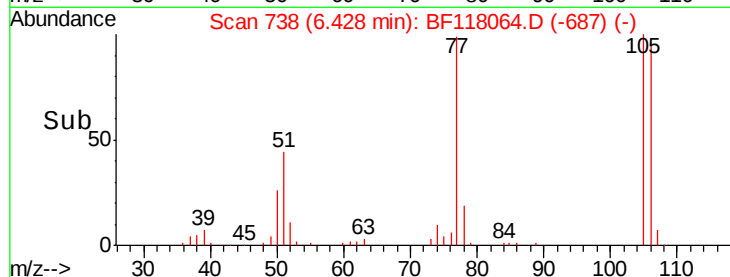
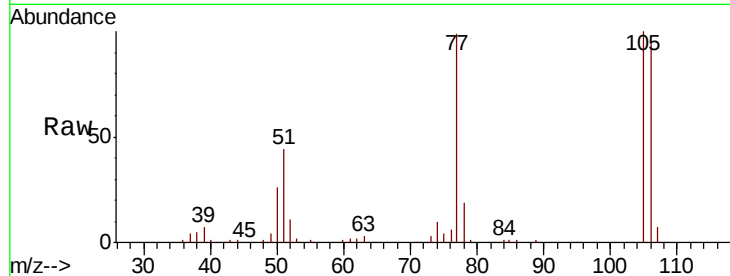
#9
Benzaldehyde
Concen: 8.412 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
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ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.4	83.3	123.3
106	97.8	80.9	120.9

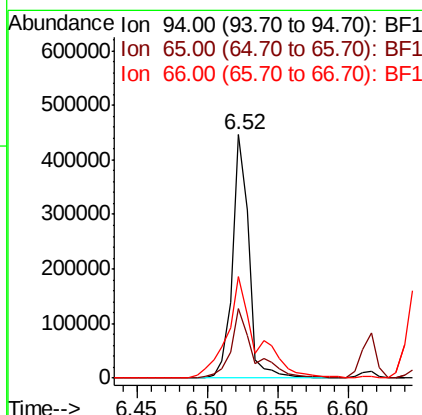
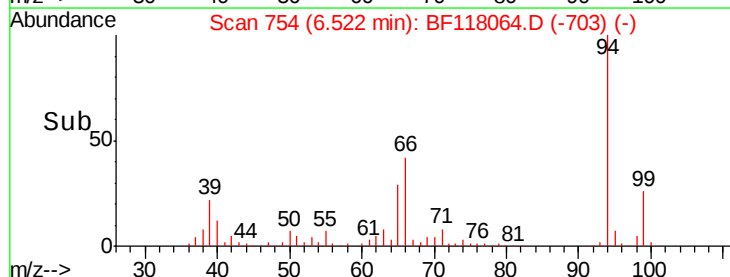
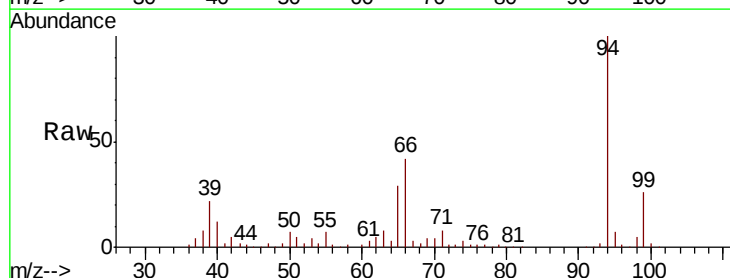
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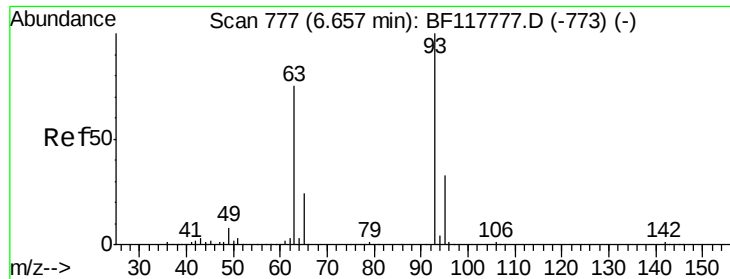
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#10
Phenol
Concen: 36.838 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF118064.D
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	6.9	46.9
66	41.9	18.6	58.6





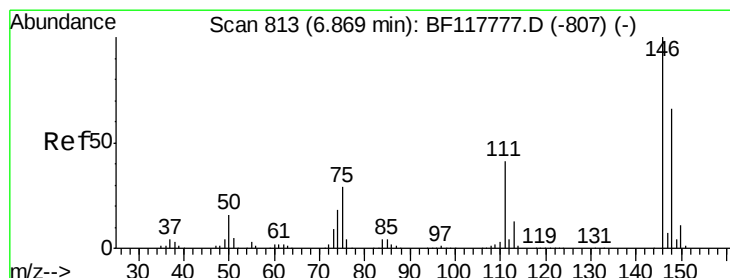
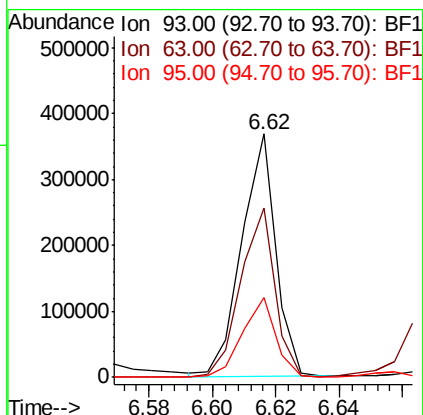
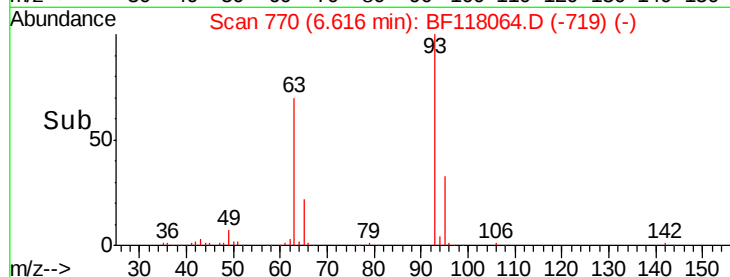
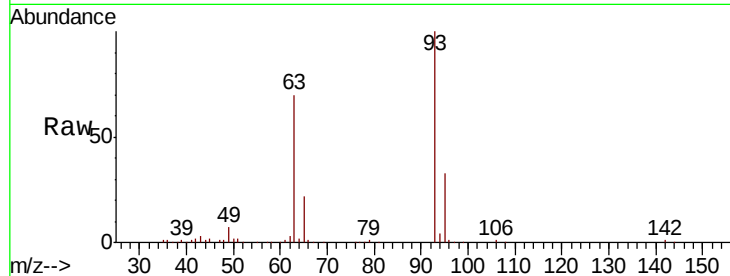
#11
bis(2-Chloroethyl)ether
Concen: 34.768 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion:	93	Resp:	272814
Ion	Ratio	Lower	Upper
93	100		
63	69.8	46.8	86.8
95	32.6	12.0	52.0

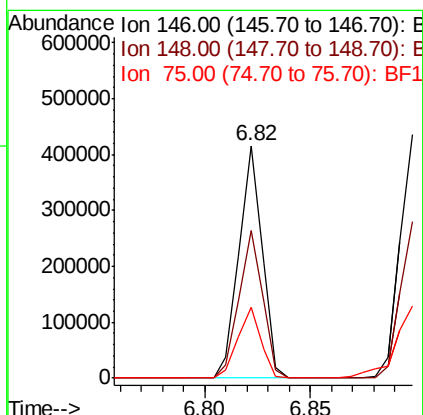
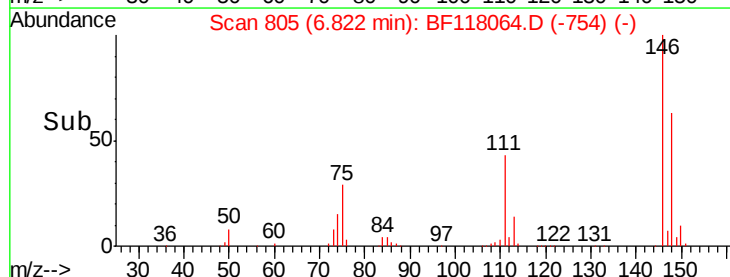
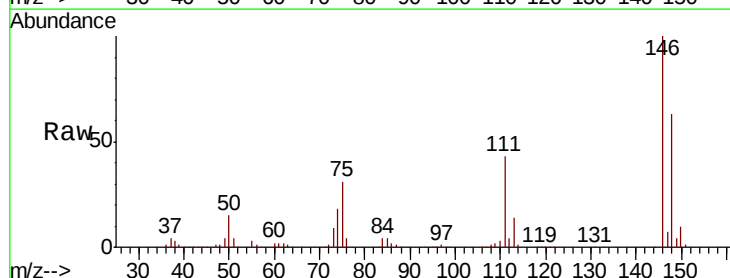
Manual Integrations
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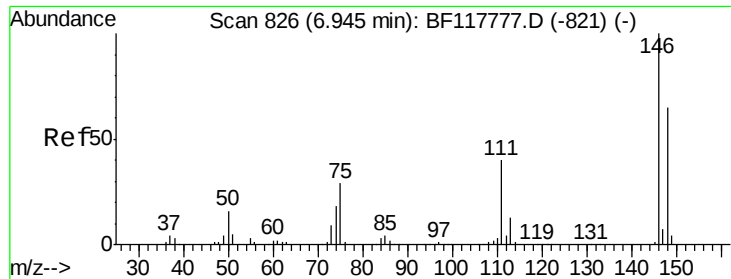
mohammad
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#12
1,3-Dichlorobenzene
Concen: 31.954 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion:	146	Resp:	318235
Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.7	79.1
75	30.6	24.5	36.7





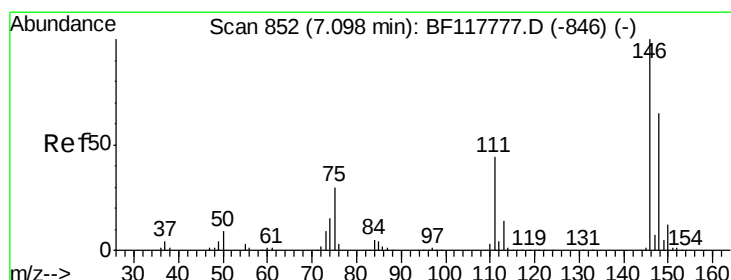
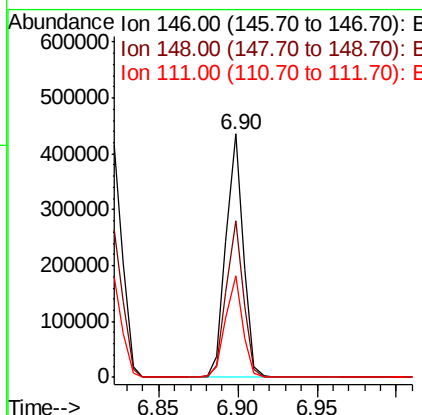
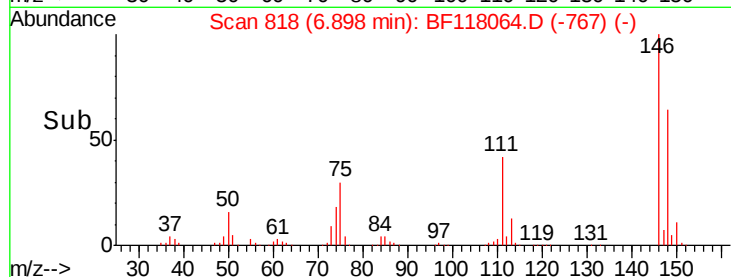
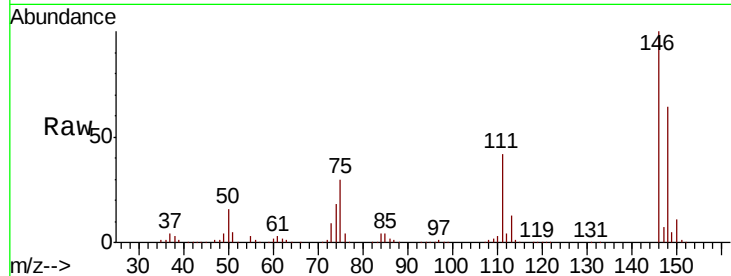
#13
1,4-Dichlorobenzene
Concen: 32.928 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	41.6	34.6	51.8

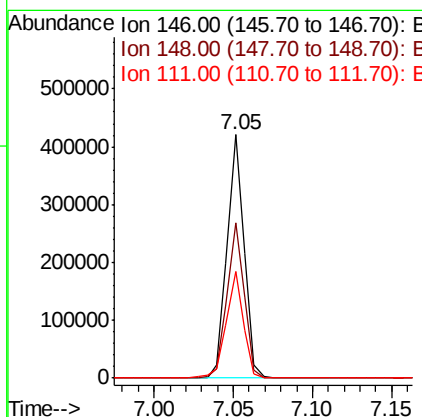
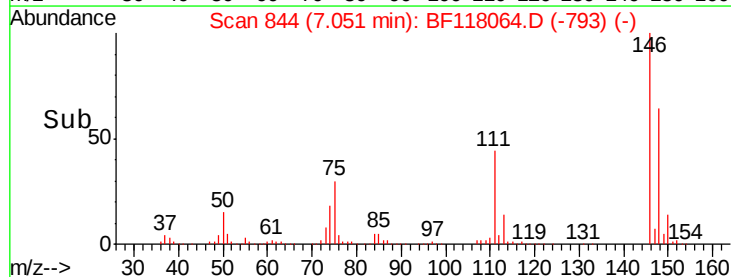
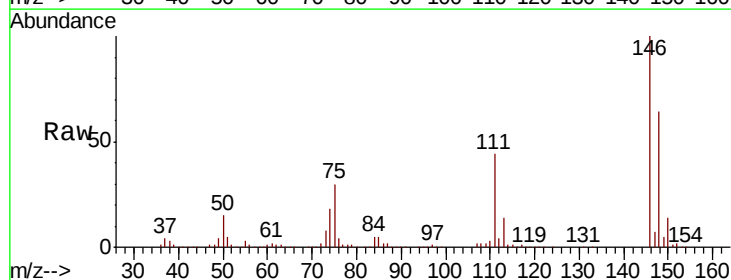
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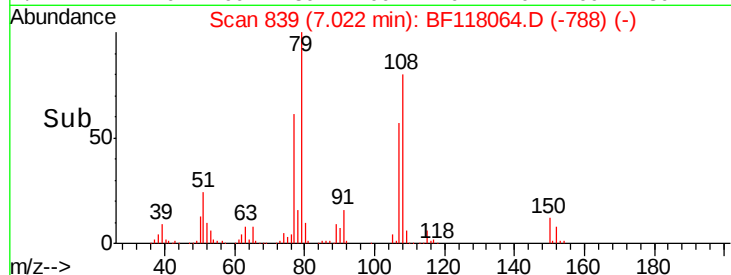
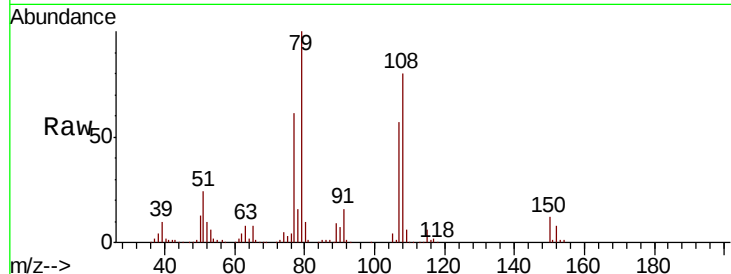
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#14
1,2-Dichlorobenzene
Concen: 32.453 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.6	77.4
111	43.8	35.8	53.8





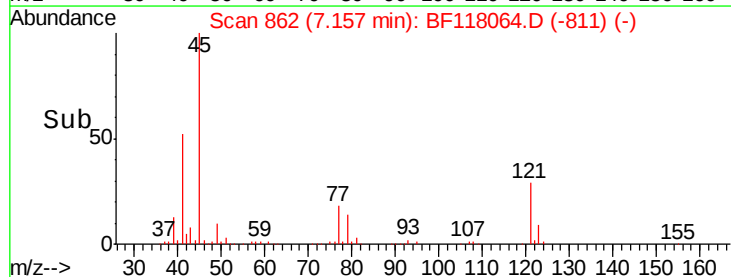
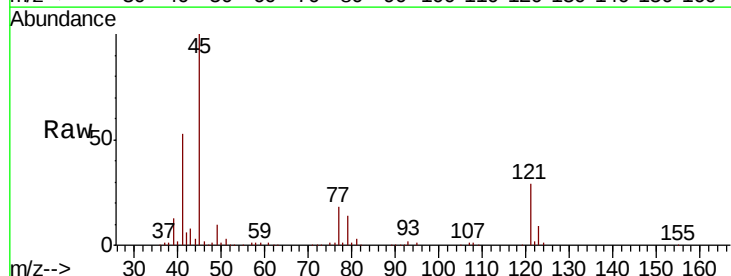
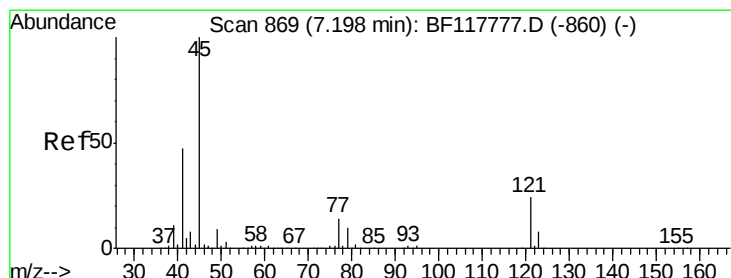
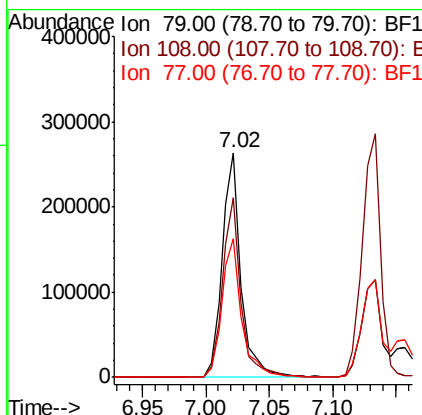
#15
Benzyl Alcohol
Concen: 37.471 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tot Ion	Ratio	Resp	Lower	Upper
79	100	272022		
108	79.7	63.1	94.7	
77	61.4	50.6	76.0	

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

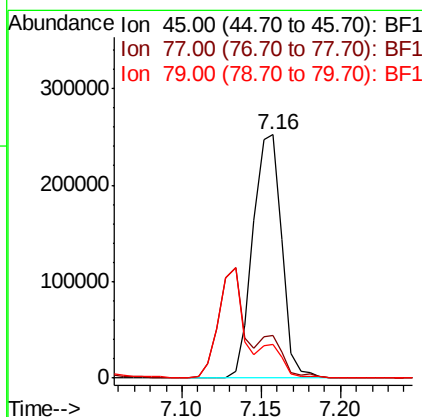
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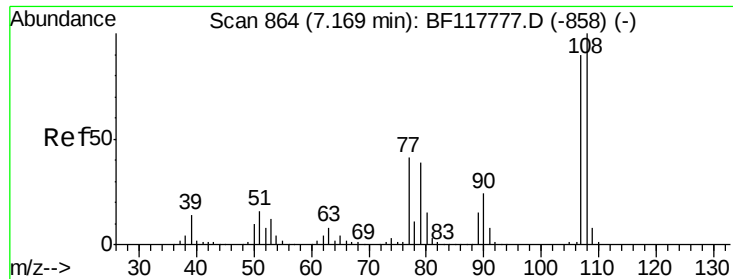
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.624 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	321639		
77	17.5	0.0	36.8	
79	13.6	0.0	33.5	





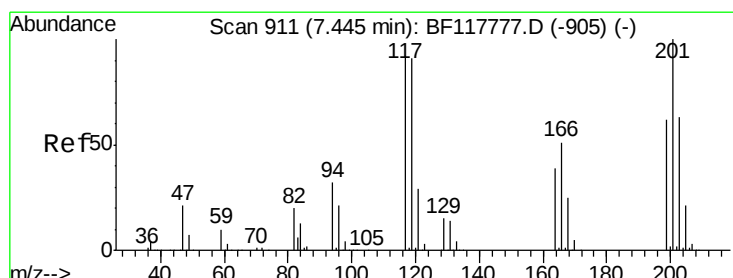
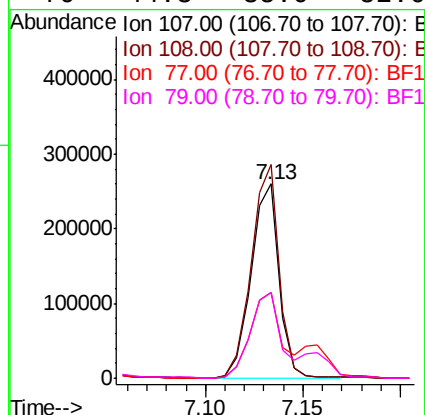
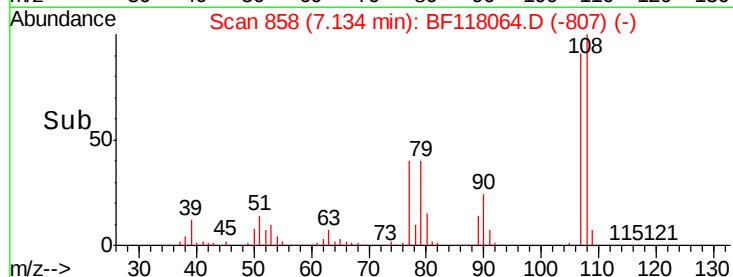
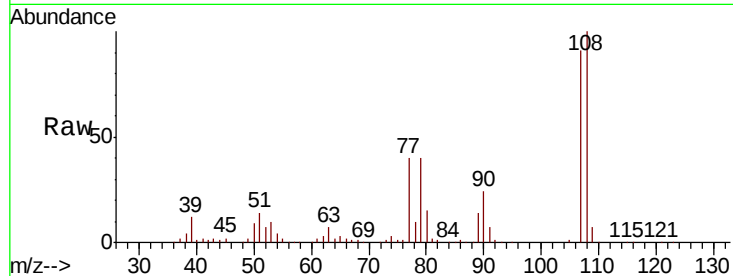
#17
2-Methylphenol
Concen: 35.794 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	89.8	134.8
77	44.1	35.0	52.6
79	44.3	35.0	52.6

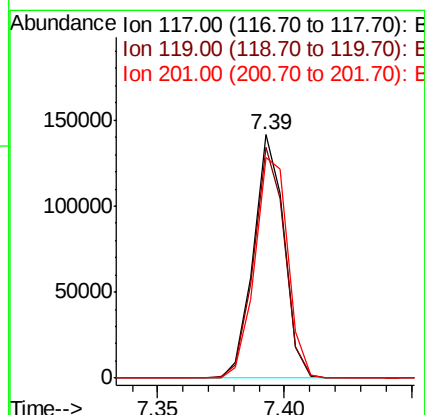
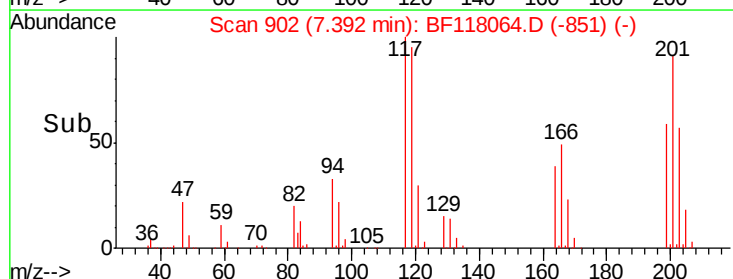
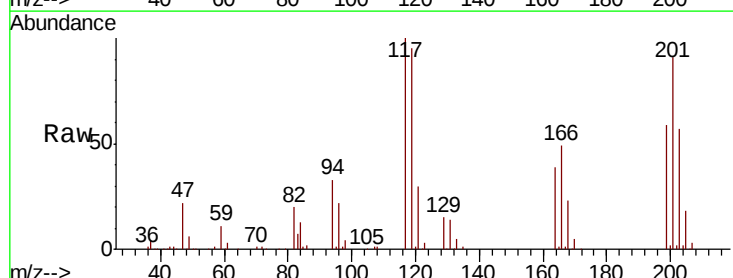
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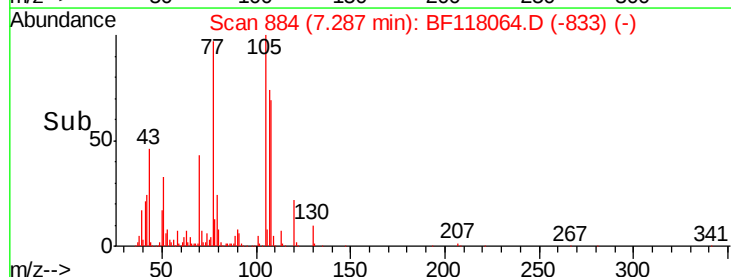
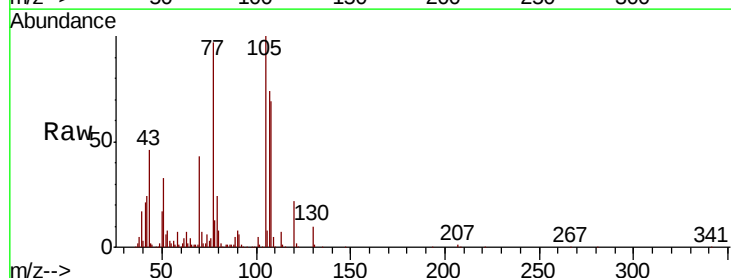
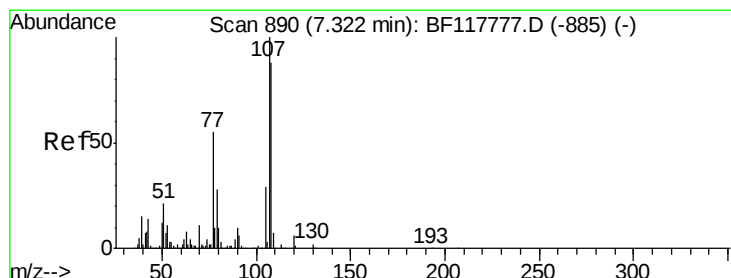
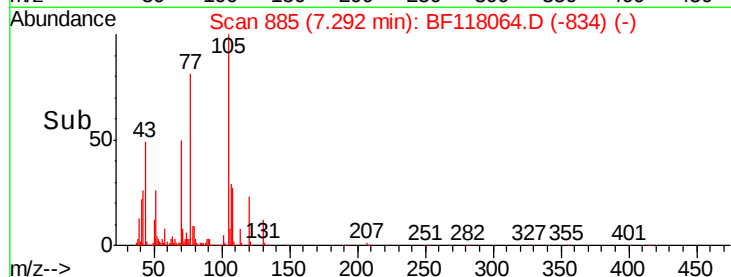
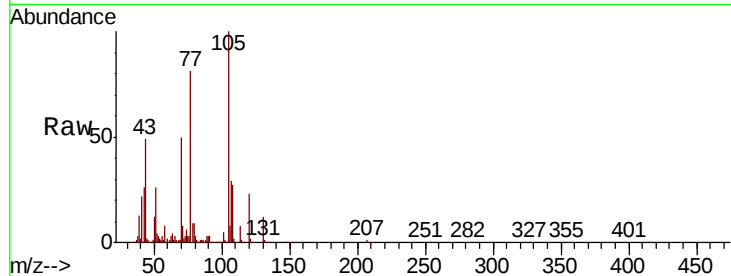
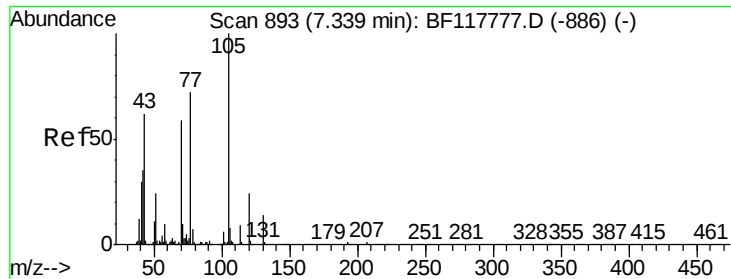
mohammad
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#18
Hexachloroethane
Concen: 32.062 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

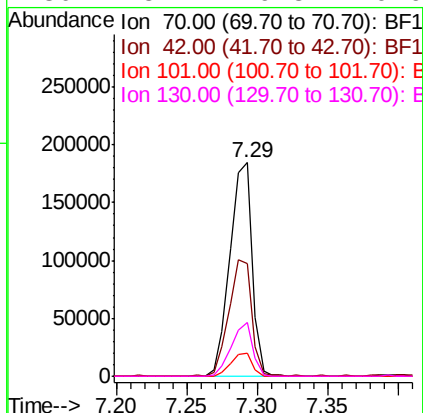
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.4	114.6
201	90.7	71.7	107.5





#19
n-Nitroso-di-n-propylamine
Concen: 34.975 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.9	46.0	69.0
101	10.8	8.8	13.2
130	25.1	19.8	29.6



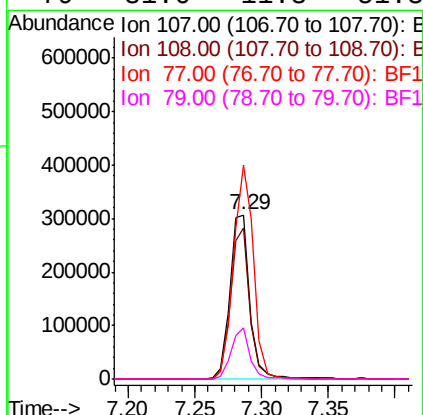
Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

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#20
3+4-Methylphenols
Concen: 36.088 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	71.9	111.9
77	130.3	91.6	131.6
79	31.6	11.3	51.3





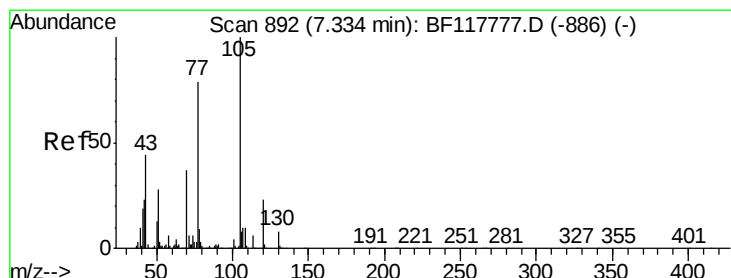
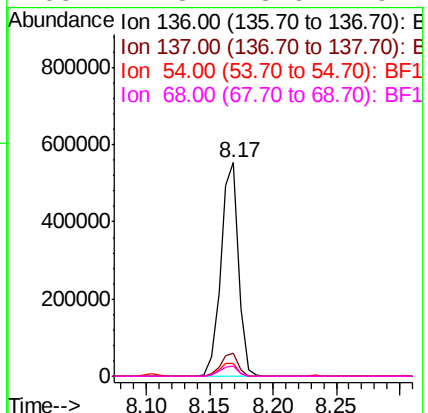
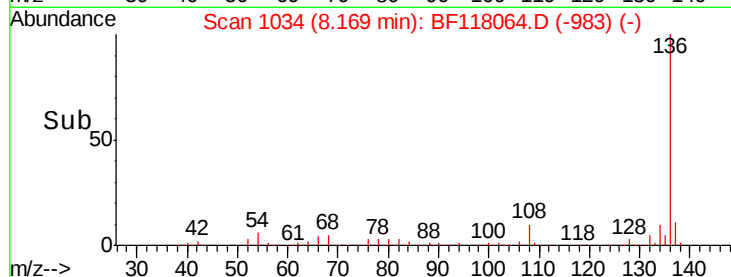
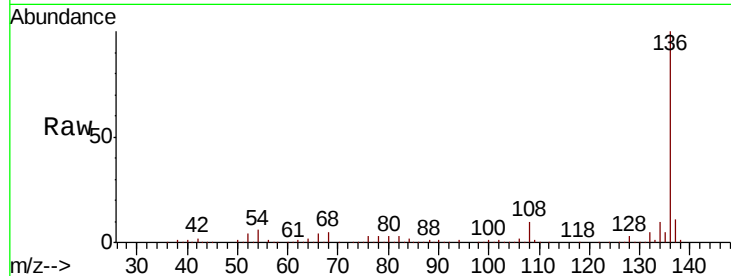
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	534100		
137	10.5		9.1	13.7
54	5.9		4.9	7.3
68	4.8		3.6	5.4

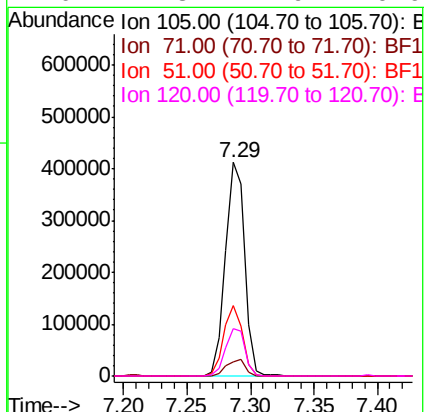
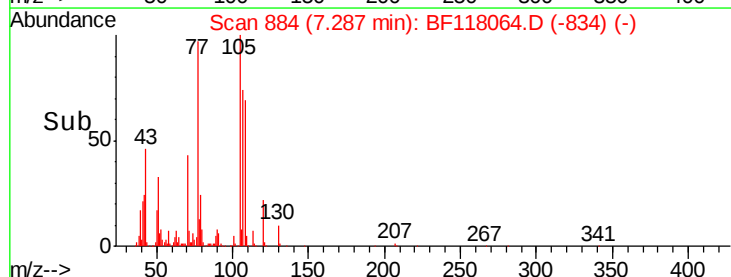
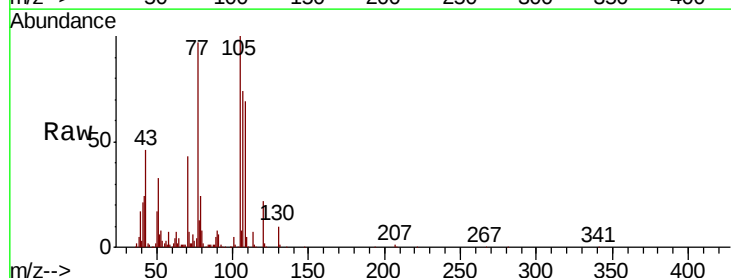
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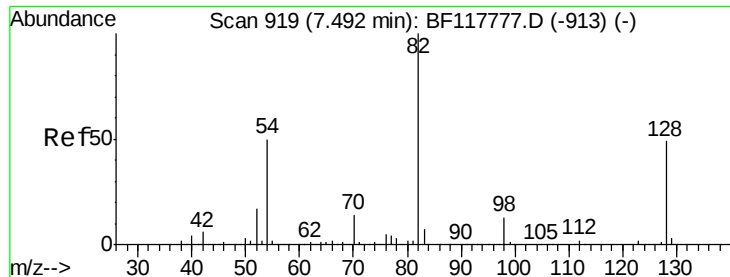
mohammad
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#22
Acetophenone
Concen: 36.075 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	432884		
71	6.9		5.9	8.9
51	32.7		20.2	30.2#
120	22.3		17.9	26.9





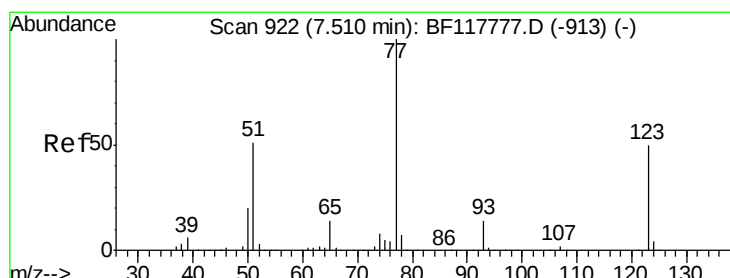
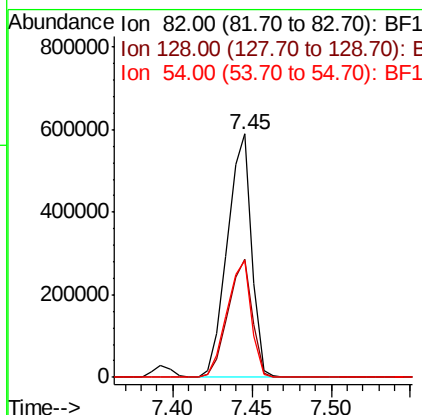
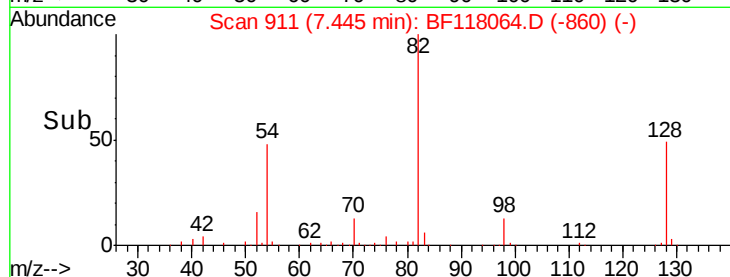
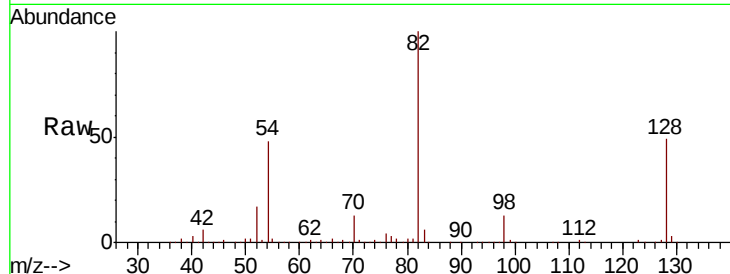
#23
Nitrobenzene-d5
Concen: 69.604 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.2	57.4
54	47.8	39.0	58.4

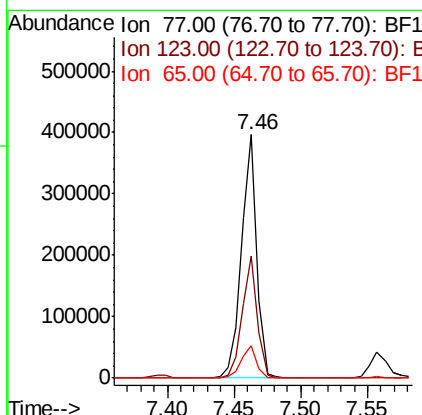
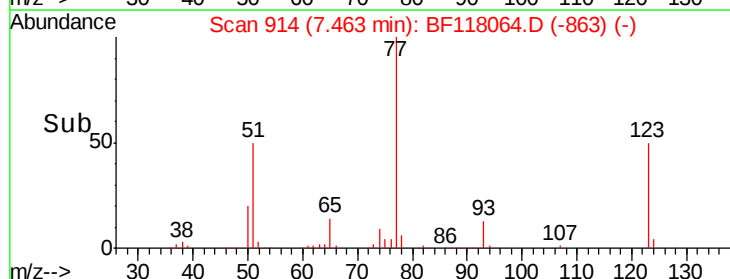
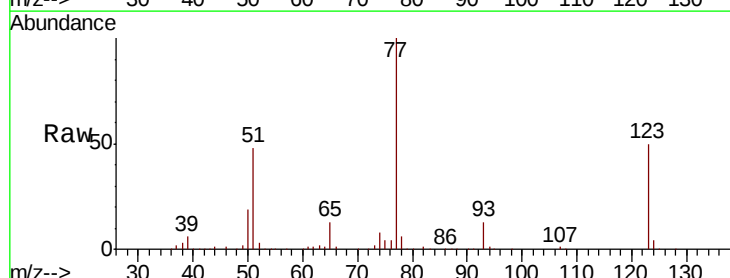
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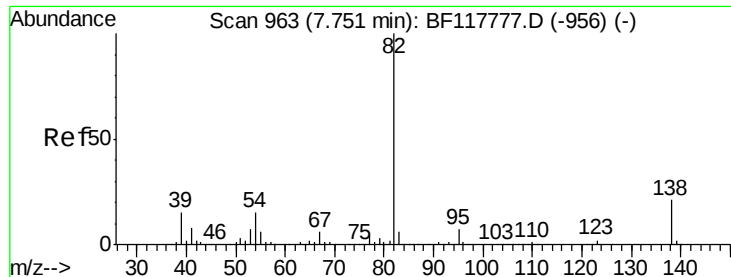
mohammad
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#24
Nitrobenzene
Concen: 34.210 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.3	38.2	57.2
65	13.3	11.1	16.7





#25

Isophorone

Concen: 33.942 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

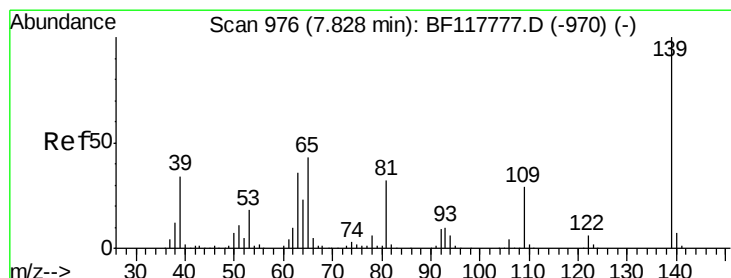
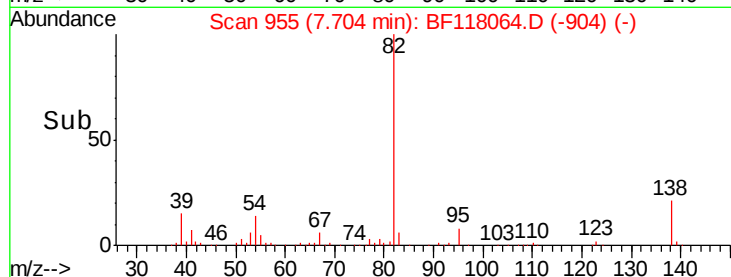
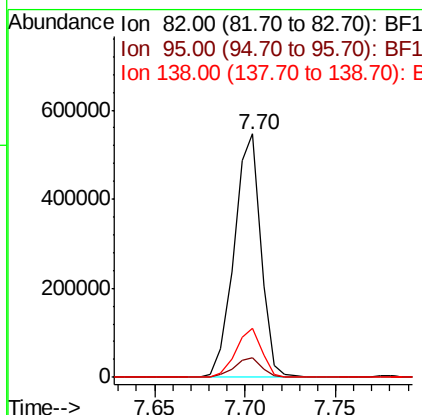
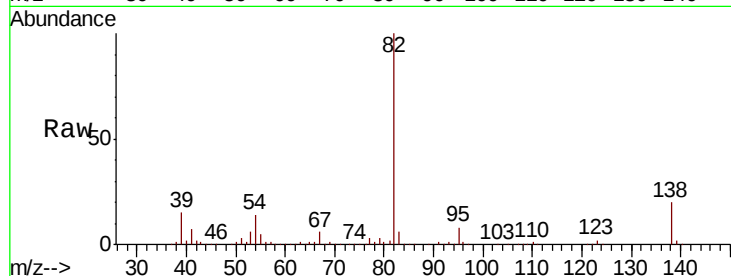
ClientSampleId :

TR-05-112619MS

Tot Ion:	82	Resp:	558940
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.2	9.2
138	20.4	15.9	23.9

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#26

2-Nitrophenol

Concen: 38.738 ng

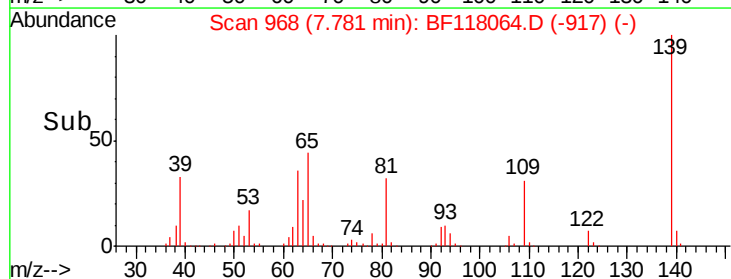
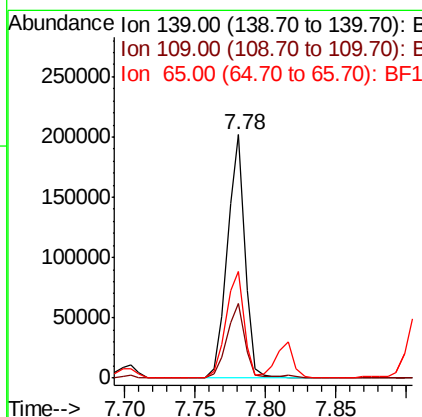
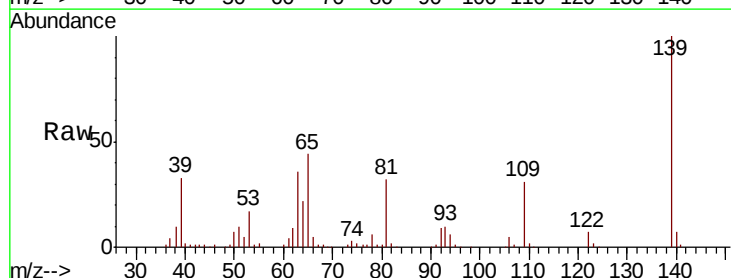
RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Tgt Ion:	139	Resp:	174761
Ion Ratio	Lower	Upper	
139	100		
109	30.7	23.8	35.6
65	43.6	36.2	54.4





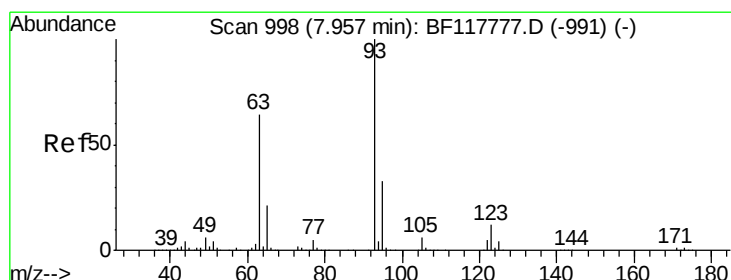
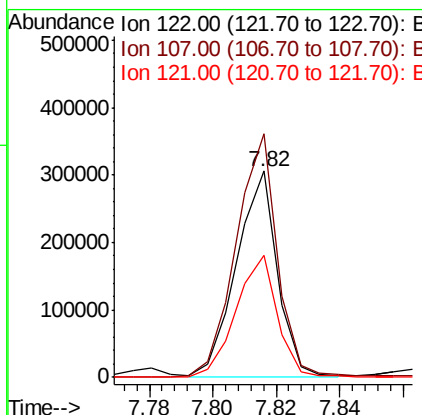
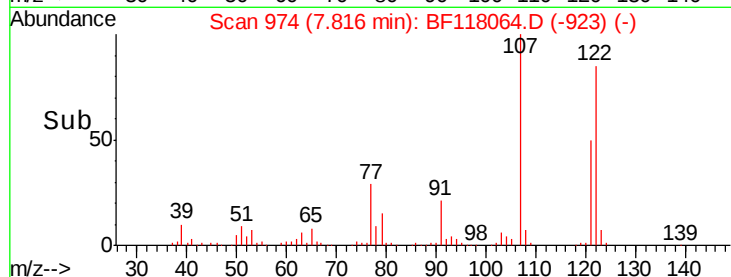
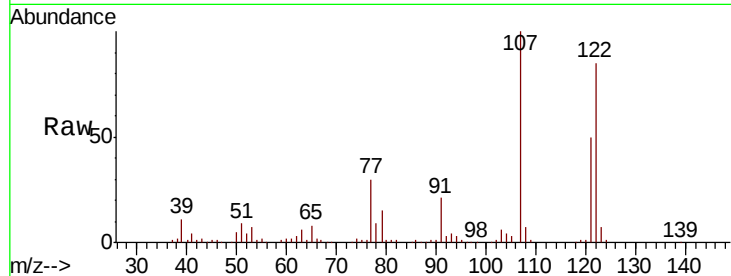
#27
2,4-Dimethylphenol
Concen: 39.070 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	273887		
107	118.1	92.6	138.8	
121	59.4	46.9	70.3	

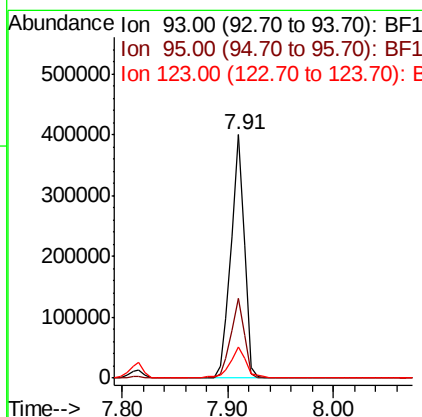
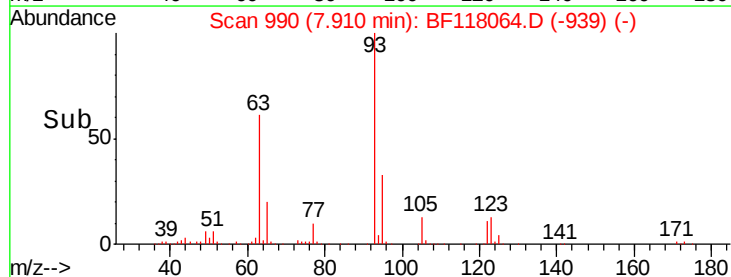
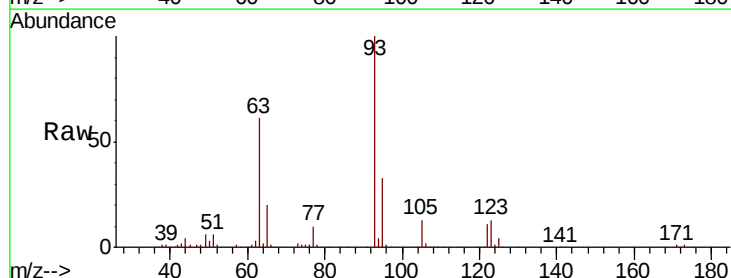
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#28
bis(2-Chloroethoxy)methane
Concen: 33.759 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	352776		
95	32.6	26.4	39.6	
123	12.8	10.2	15.4	





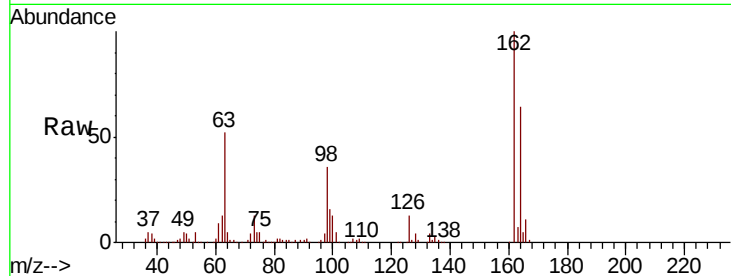
#29
2,4-Dichlorophenol
Concen: 35.795 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	272189		
164	64.3	42.9	82.9	
98	36.3	16.7	56.7	

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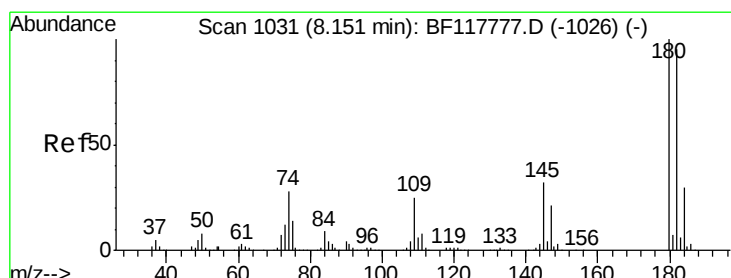
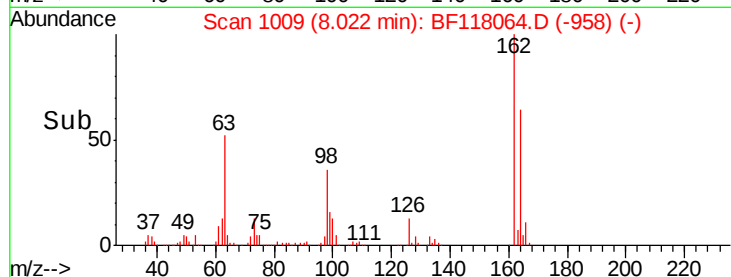
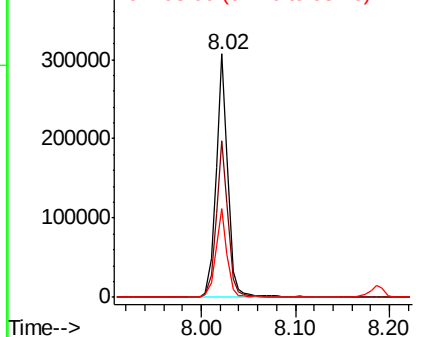


Abundance

Ion 162.00 (161.70 to 162.70): E

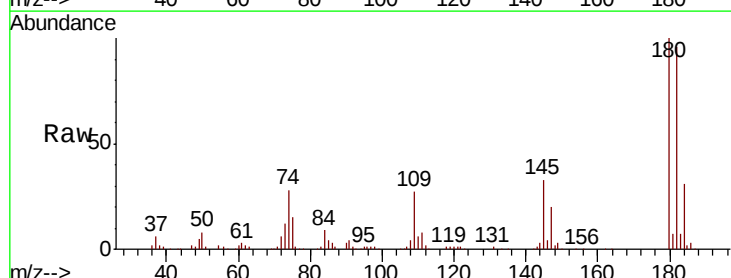
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 32.499 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	286650		
182	96.3	76.6	114.8	
145	32.9	25.1	37.7	

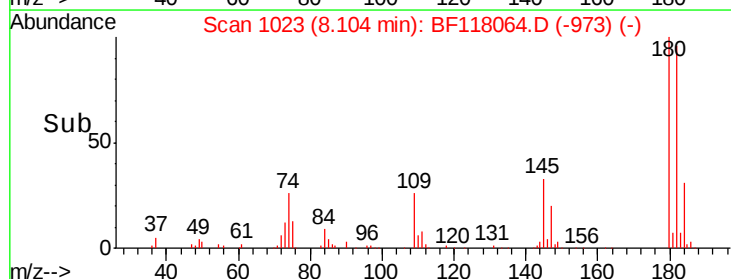
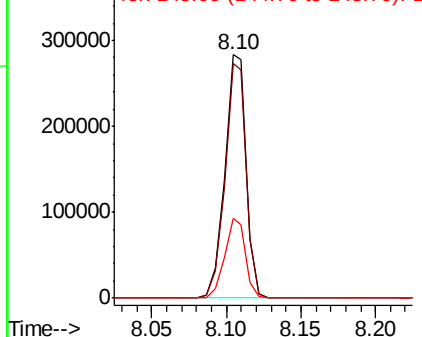


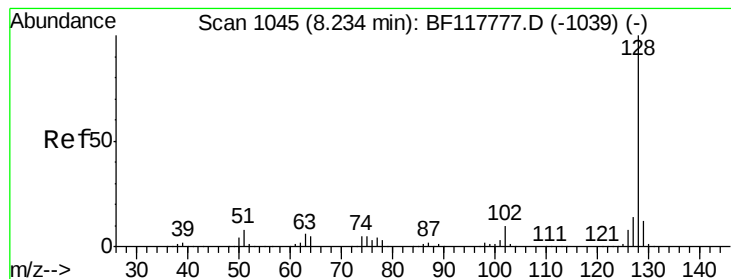
Abundance

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: 38.162 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

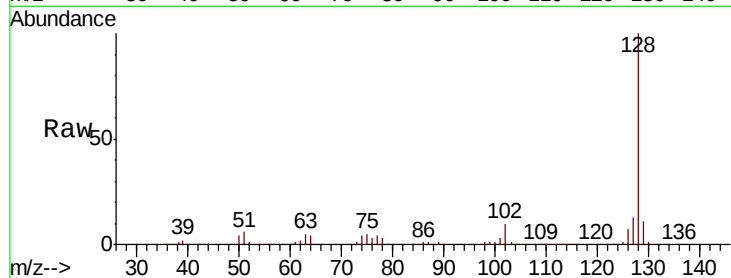
ClientSampleId :

TR-05-112619MS

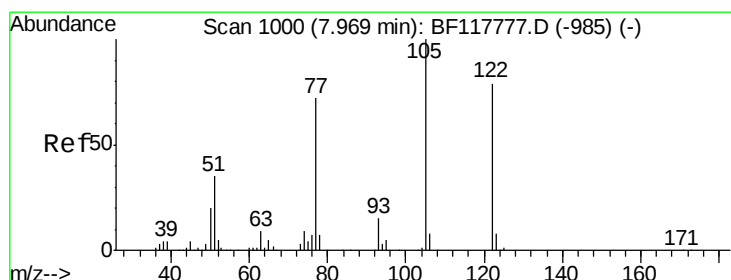
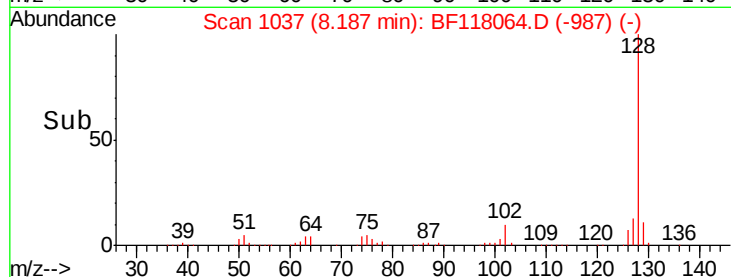
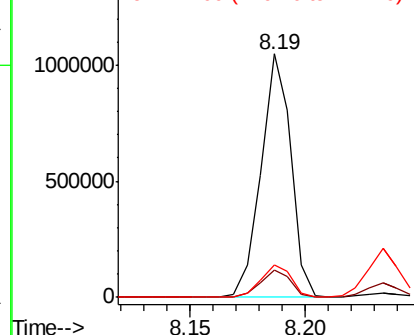
Tot Ion:	128	Resp:	950191
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.8	13.2
127	13.4	10.6	16.0

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



#32

Benzoic acid

Concen: 28.643 ng

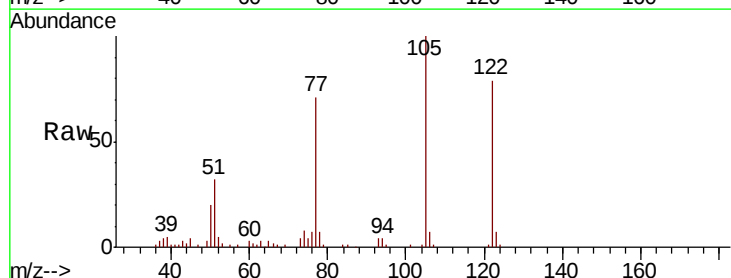
RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

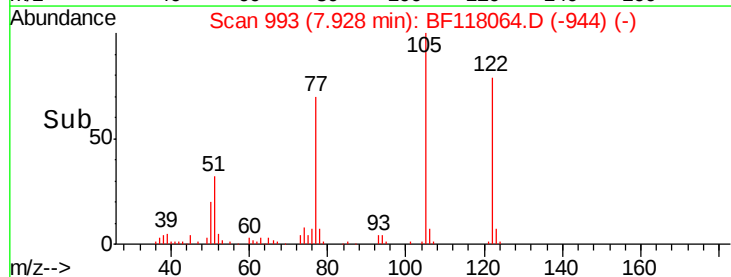
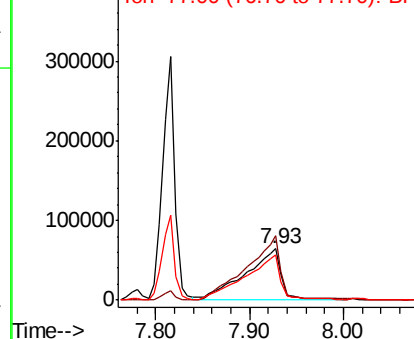
Lab File: BF118064.D

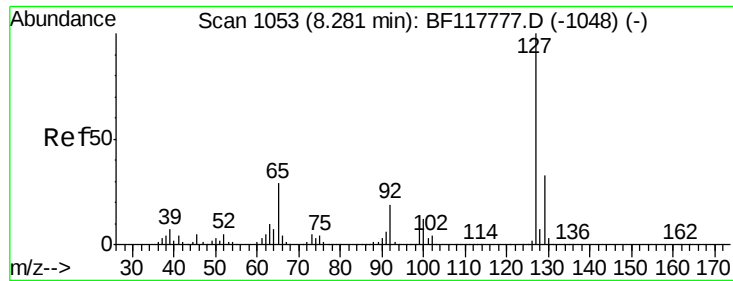
Acq: 3 Dec 2019 16:09

Tgt Ion:	122	Resp:	168128
Ion Ratio	Lower	Upper	
122	100		
105	126.0	101.4	141.4
77	88.9	66.4	106.4



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





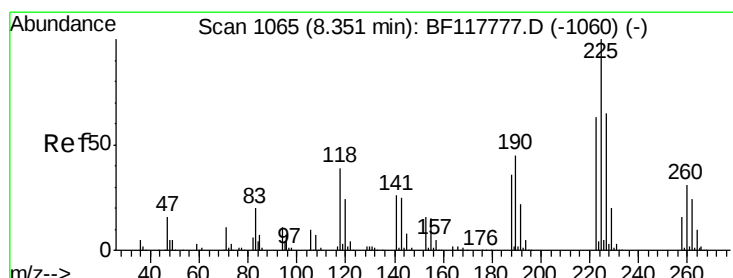
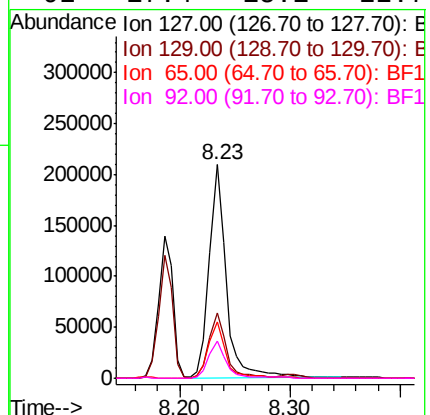
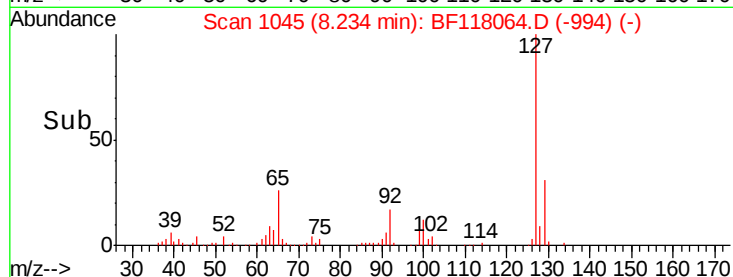
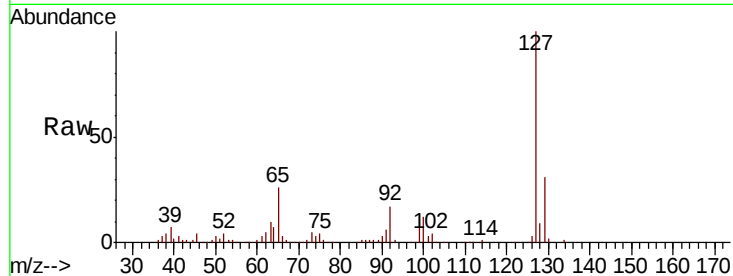
#33
4-Chloroaniline
Concen: 19.715 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		219756		
129	30.7	25.4	38.0		
65	26.2	23.4	35.0		
92	17.4	15.1	22.7		

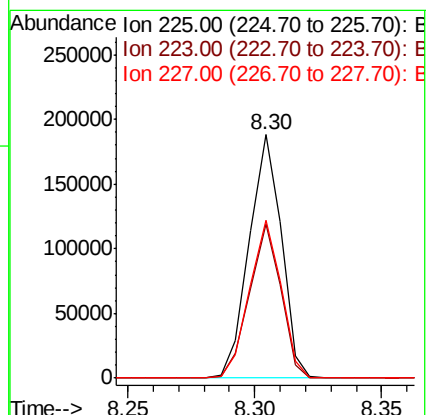
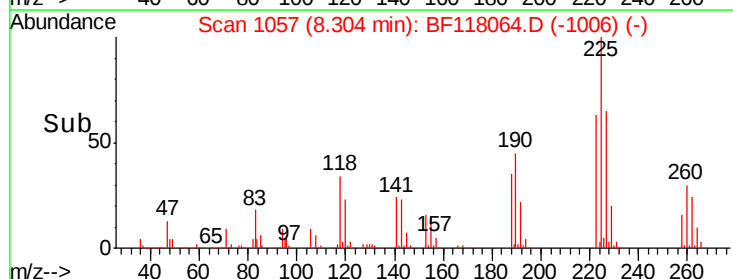
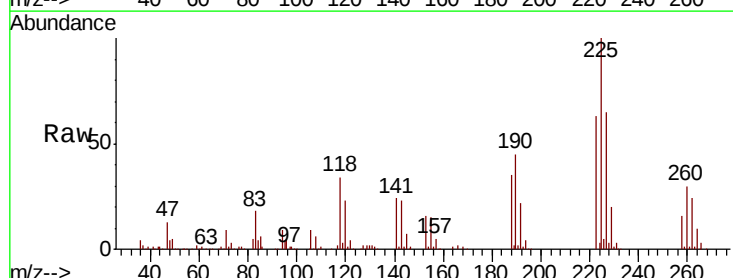
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#34
Hexachlorobutadiene
Concen: 32.393 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		167045		
223	63.1	51.4	77.2		
227	65.0	52.6	78.8		





#35

Caprolactam

Concen: 32.656 ng/mL

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

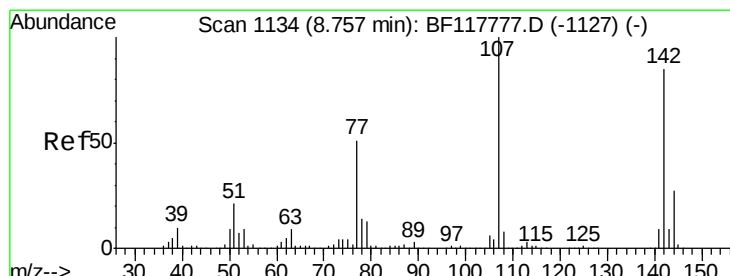
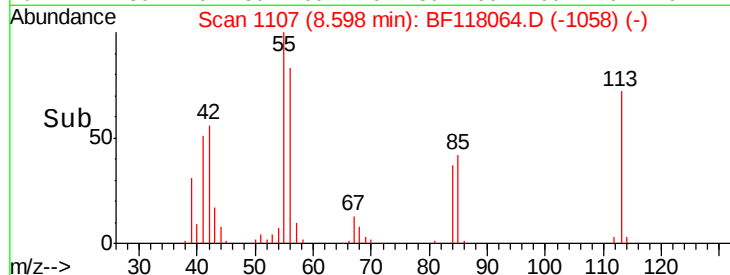
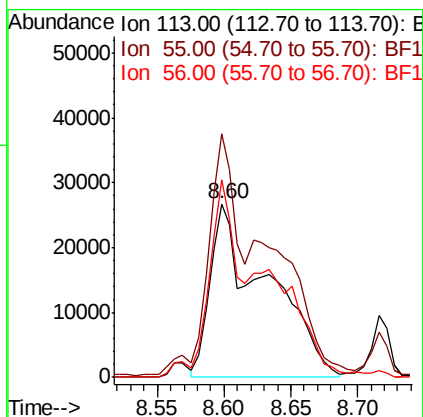
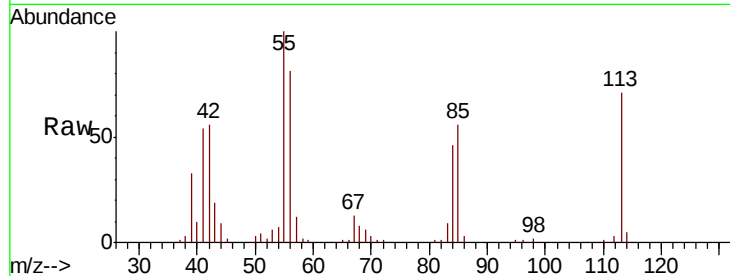
ClientSampleID :

TR-05-112619MS

Tot Ion:	113	Resp:	78919
Ion Ratio	Lower	Upper	
113	100		
55	140.4	125.5	165.5
56	114.2	88.0	128.0

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#36

4-Chloro-3-methylphenol

Concen: 37.730 ng/mL

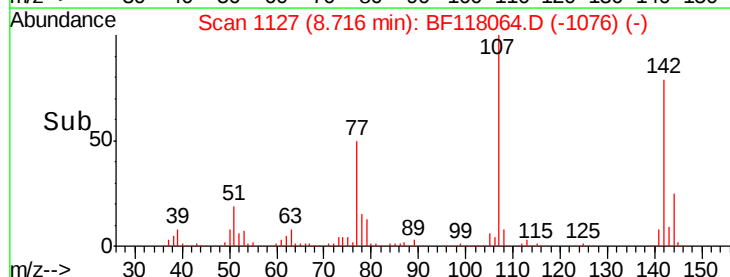
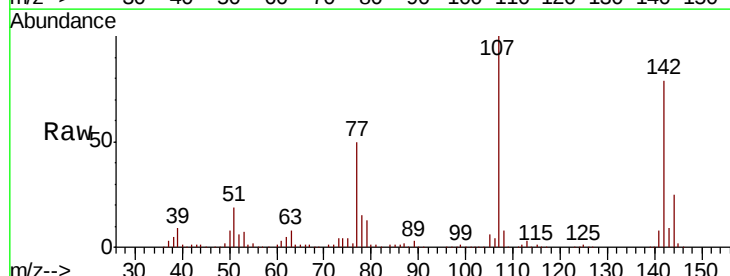
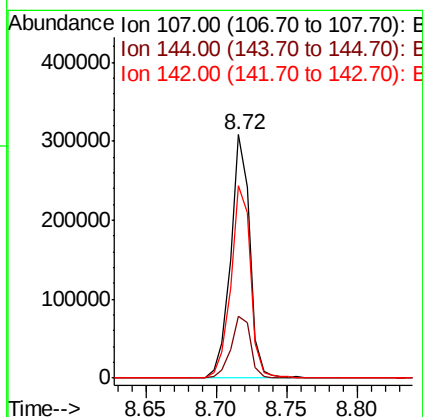
RT: 8.72 min Scan# 1127

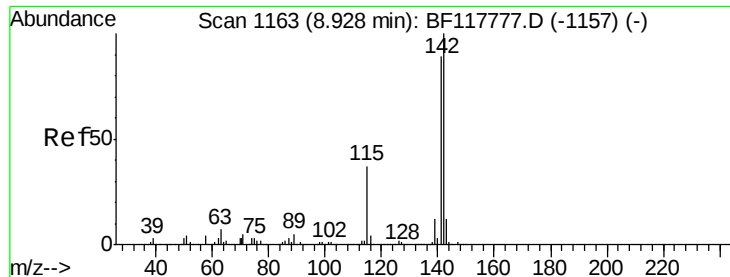
Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Tgt Ion:	107	Resp:	291168
Ion Ratio	Lower	Upper	
107	100		
144	25.3	20.6	30.8
142	79.1	62.5	93.7





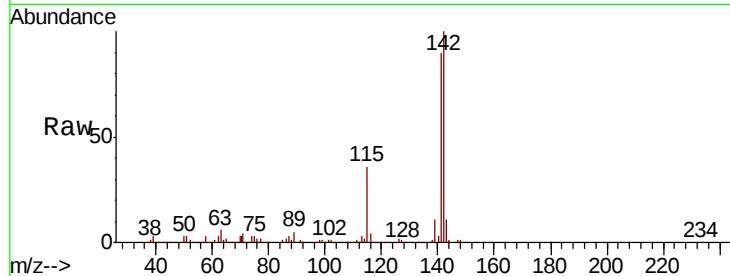
#37
2-Methylnaphthalene
Concen: 37.912 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.2	105.4
115	36.1	29.2	43.8

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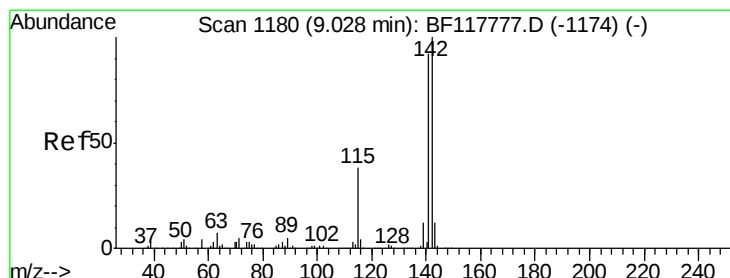
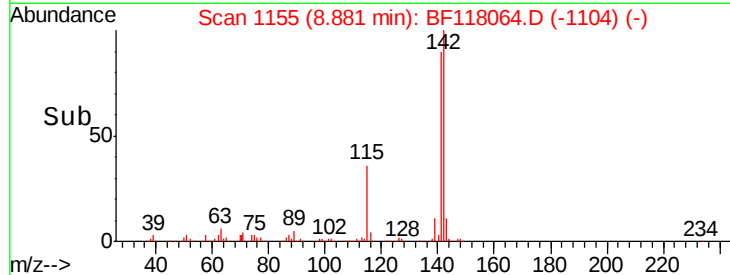
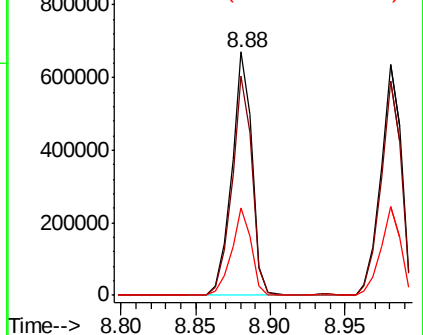


Abundance

Ion 142.00 (141.70 to 142.70): E

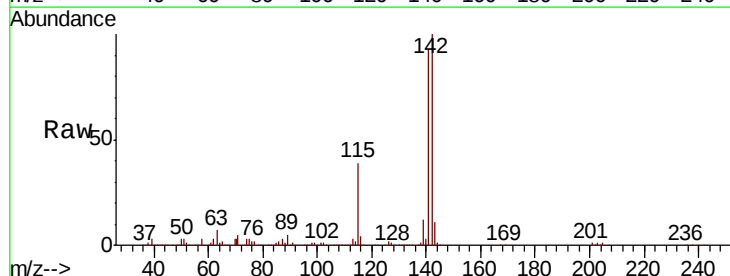
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.411 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.6	110.4
116	3.9	3.1	4.7

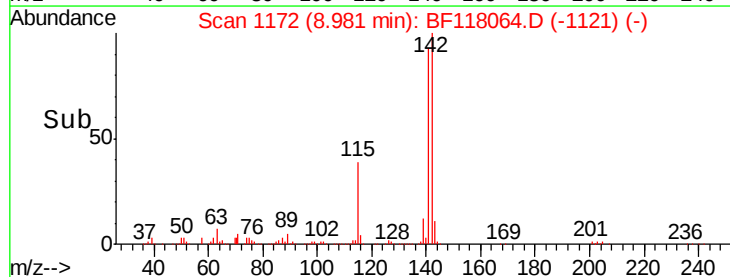
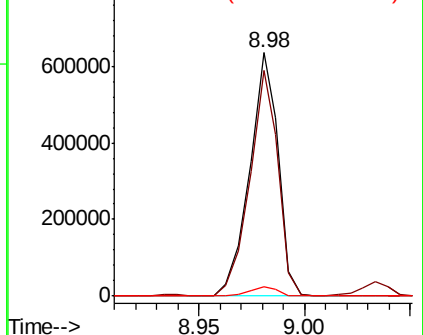


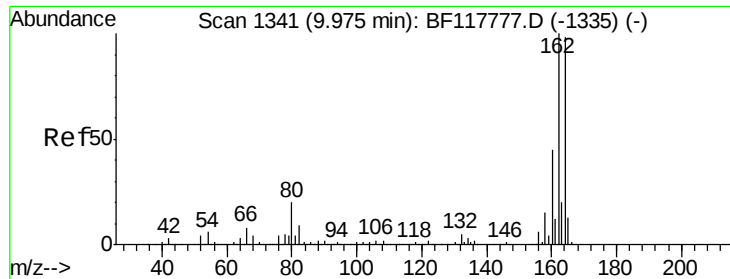
Abundance

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





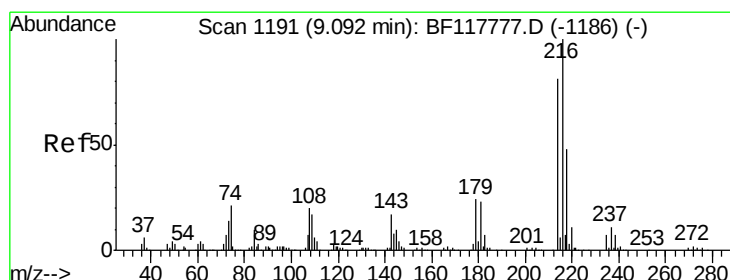
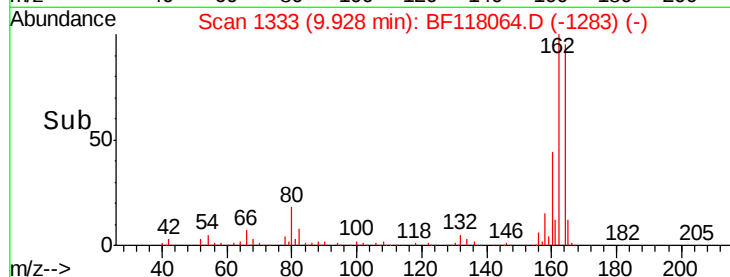
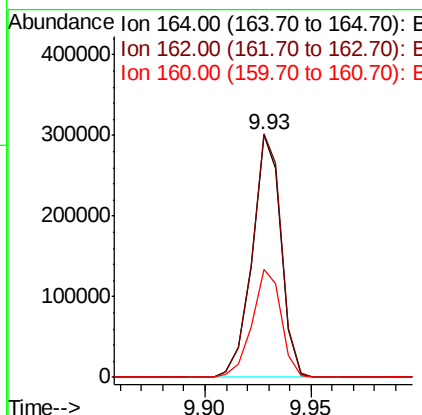
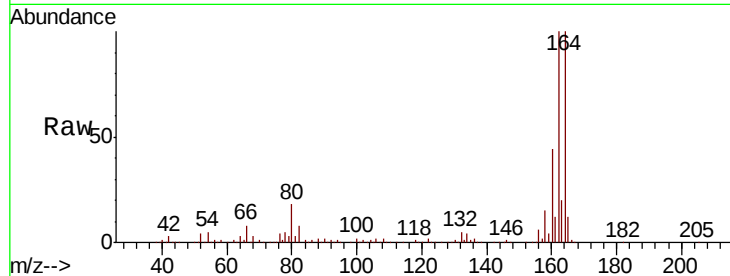
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	284214		
162	100.4	81.8	122.8	
160	44.5	35.9	53.9	

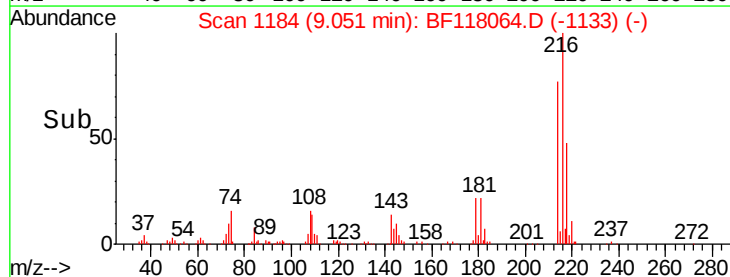
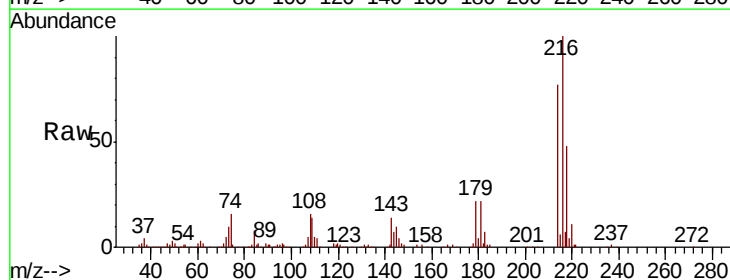
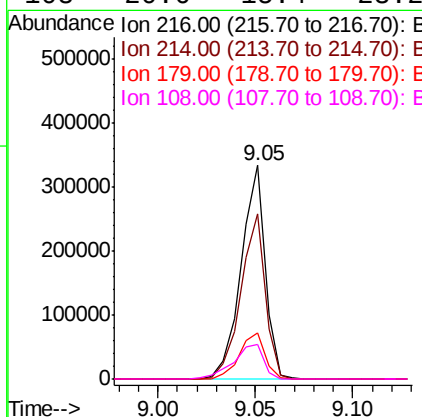
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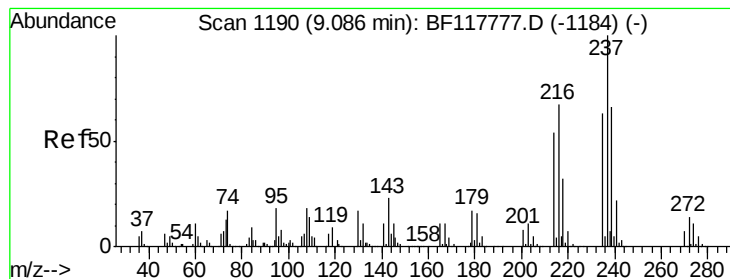
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.591 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	285508		
214	78.4	63.0	94.4	
179	22.6	18.5	27.7	
108	20.6	15.4	23.2	





#41

Hexachlorocyclopentadiene

Concen: 59.141 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

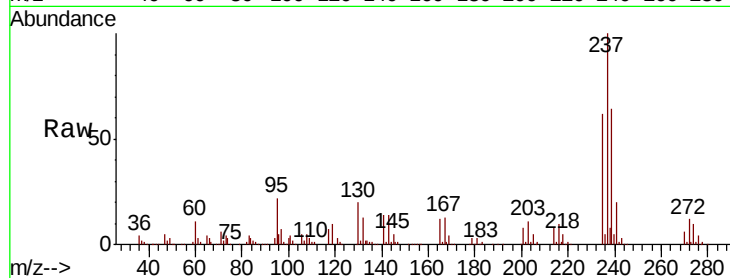
ClientSampleId :

TR-05-112619MS

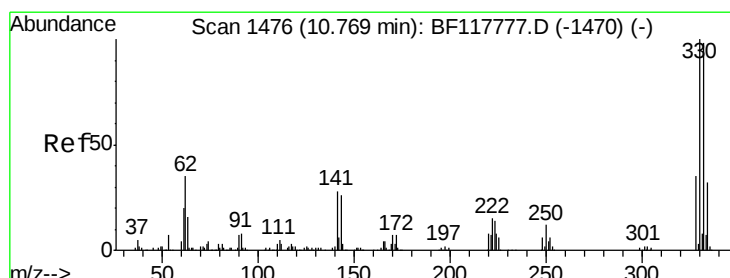
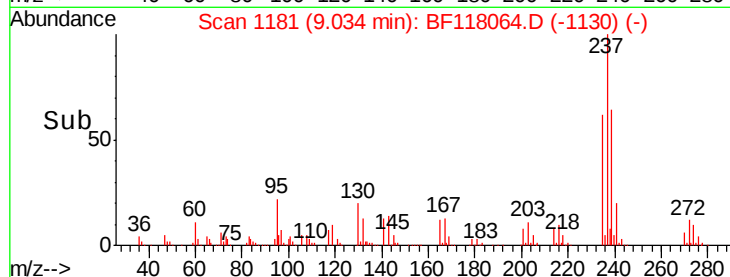
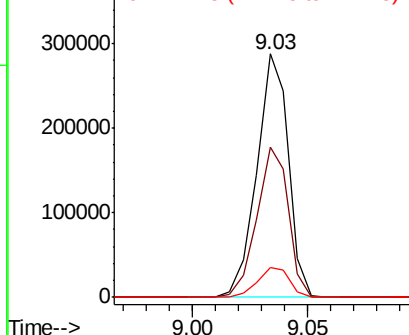
Tot Ion:	237	Resp:	273553
Ion Ratio	Lower	Upper	
237	100		
235	61.8	43.7	83.7
272	12.4	0.0	32.7

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



#42

2,4,6-Tribromophenol

Concen: 118.232 ng

RT: 10.72 min Scan# 1468

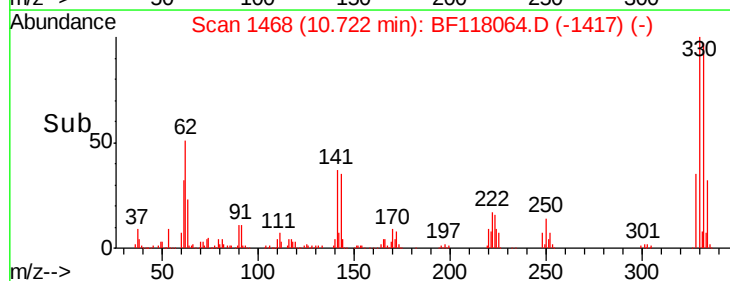
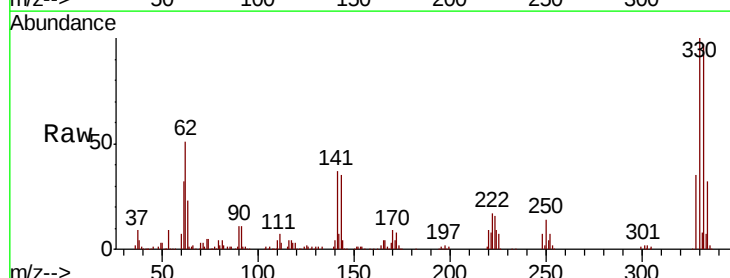
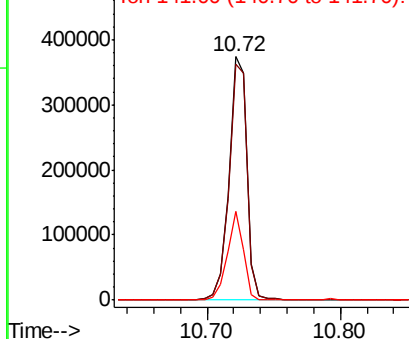
Delta R.T. 0.00 min

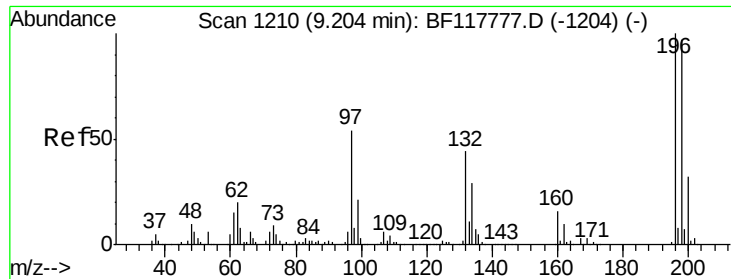
Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Tgt Ion:	330	Resp:	355754
Ion Ratio	Lower	Upper	
330	100		
332	98.4	78.3	117.5
141	33.0	26.4	39.6

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





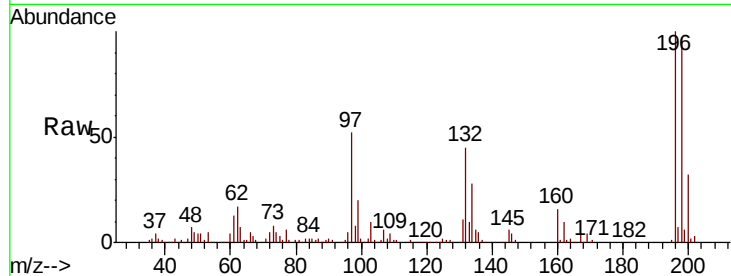
#43
2,4,6-Trichlorophenol
Concen: 34.135 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	201804		
198	97.1	76.9	115.3	
200	32.3	24.2	36.4	

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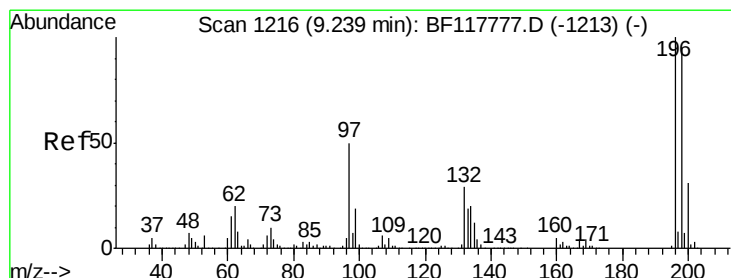
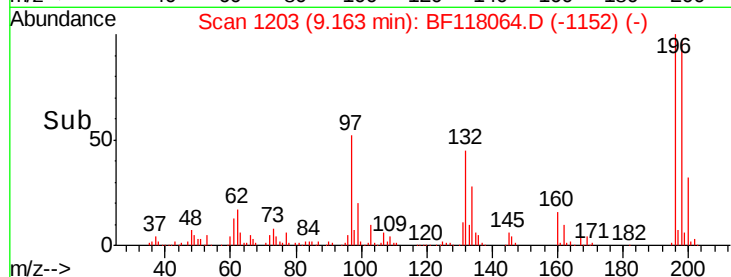
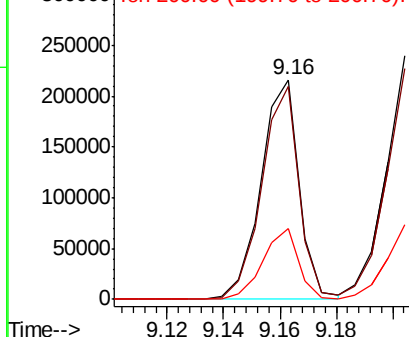


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 35.329 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216858		
198	94.6	78.1	117.1	
97	50.8	37.4	56.2	
132	28.9	22.7	34.1	

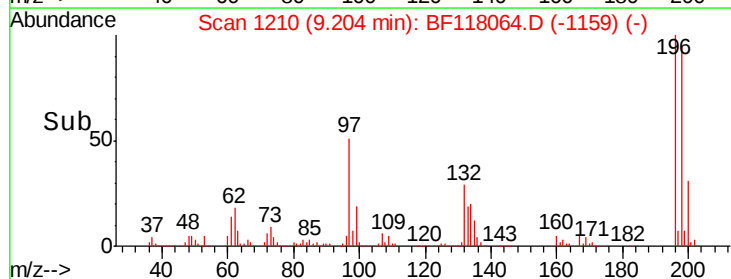
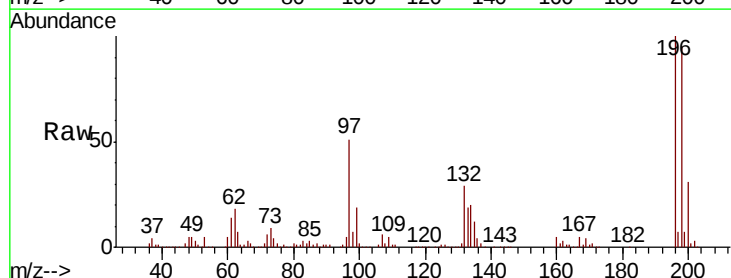
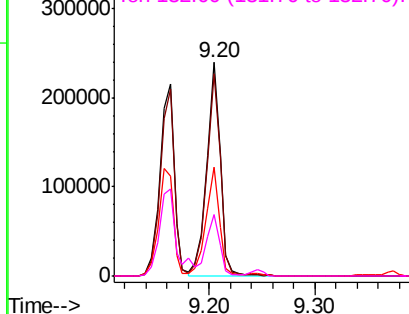
Abundance

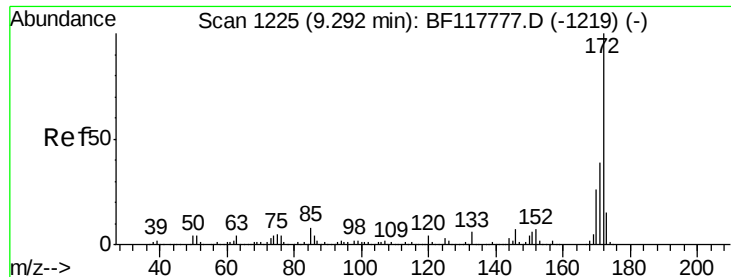
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





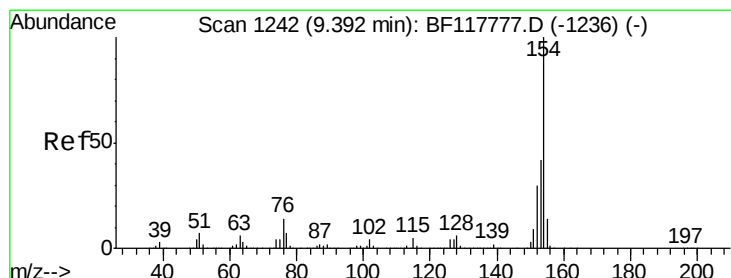
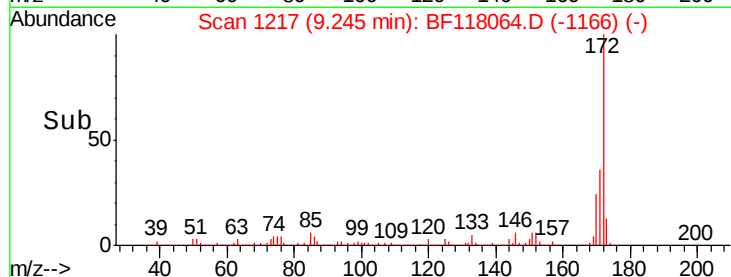
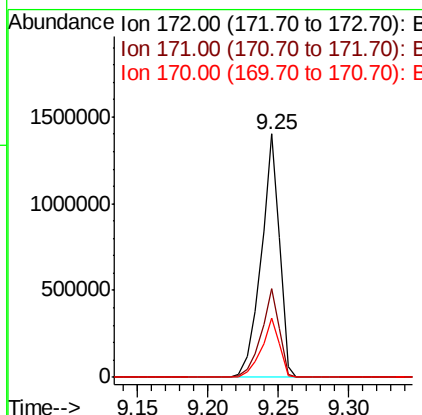
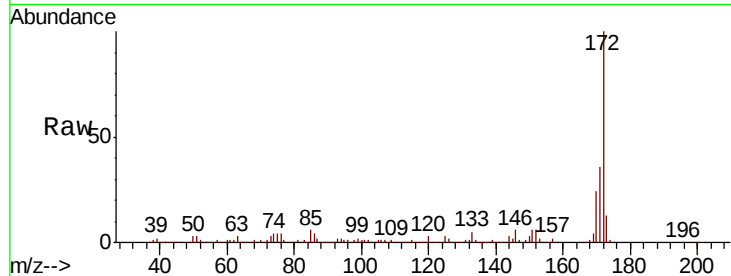
#45
2-Fluorobiphenyl
Concen: 80.693 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	24.3	19.3	28.9

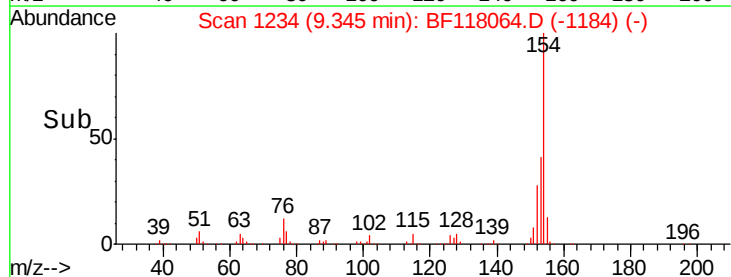
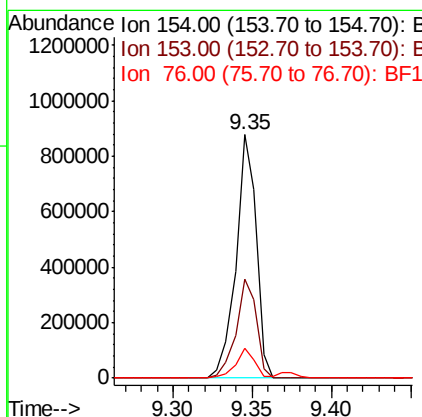
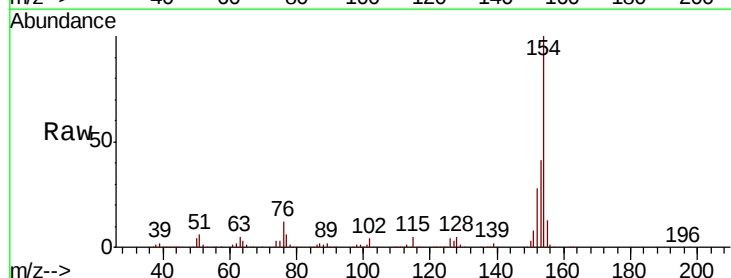
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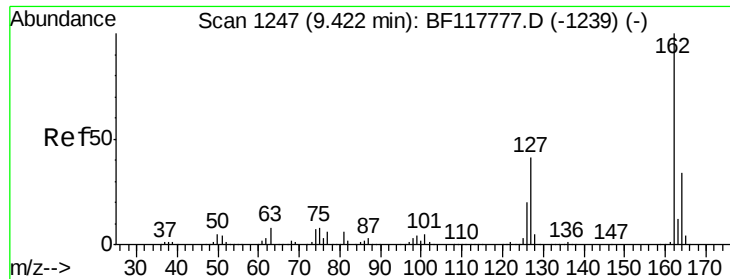
mohammad
12/4/2019 5:01:26 PM



#46
1,1'-Biphenyl
Concen: 36.672 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.1	61.1
76	12.1	0.0	30.8





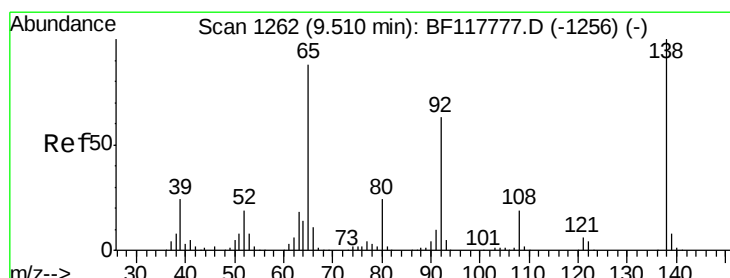
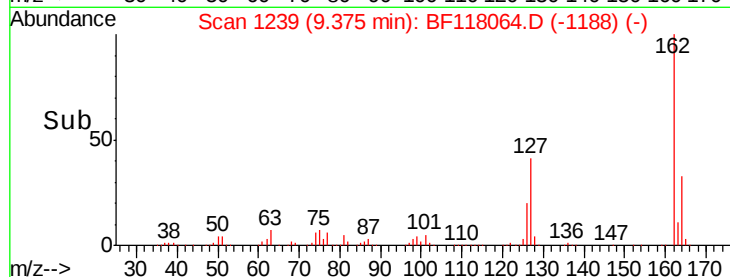
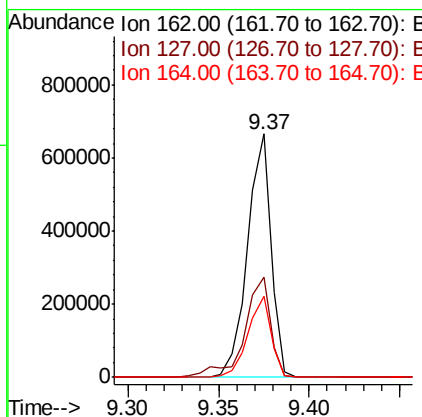
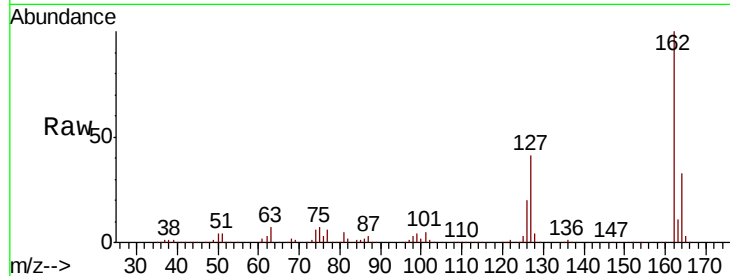
#47
2-Chloronaphthalene
Concen: 34.568 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	599635		
127	41.0		34.6	52.0
164	33.3		26.0	39.0

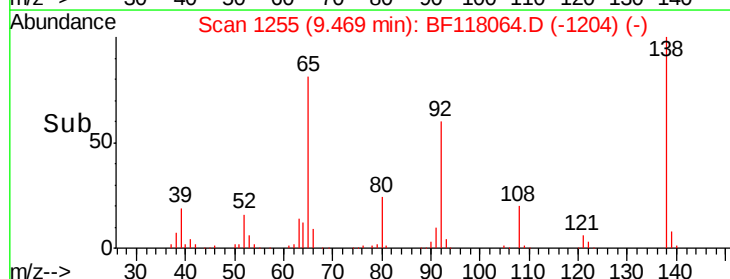
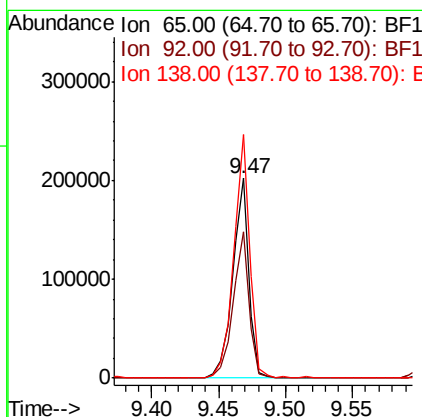
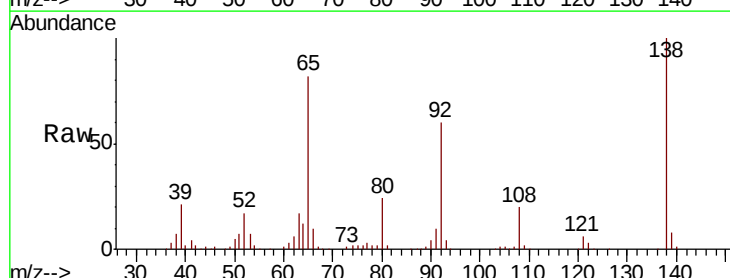
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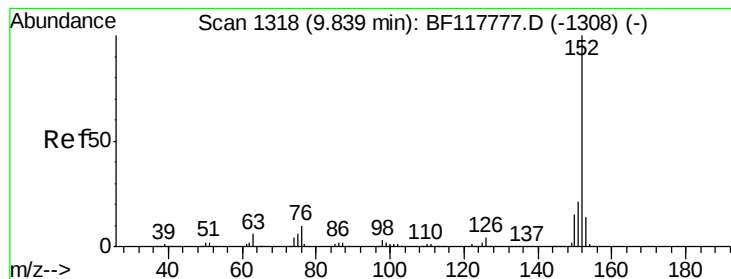
mohammad
12/4/2019 5:01:26 PM



#48
2-Nitroaniline
Concen: 32.962 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	172623		
92	73.6		57.9	86.9
138	121.9		96.2	144.2





#49

Acenaphthylene

Concen: 37.798 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

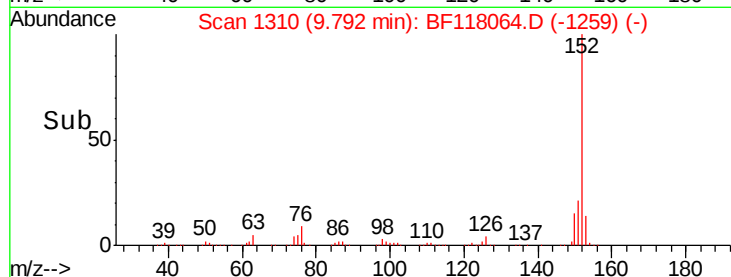
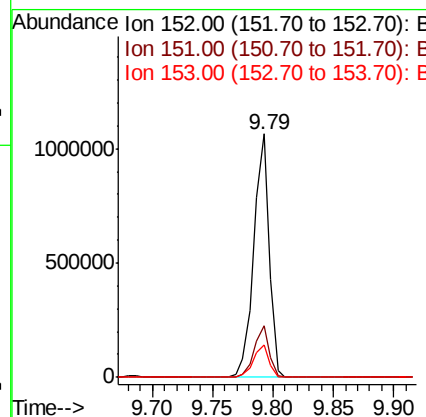
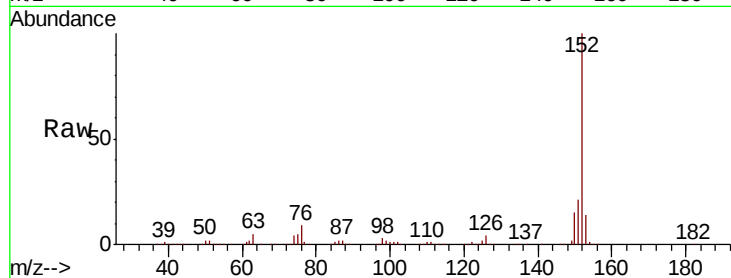
ClientSampleId :

TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.7	25.1
153	13.6	11.1	16.7

Manual Integrations
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12/4/2019 5:01:26 PM



#50

Dimethylphthalate

Concen: 35.653 ng

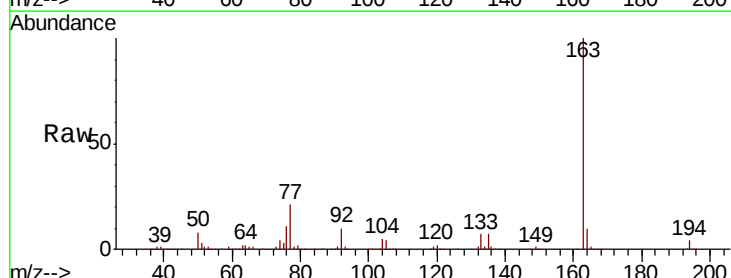
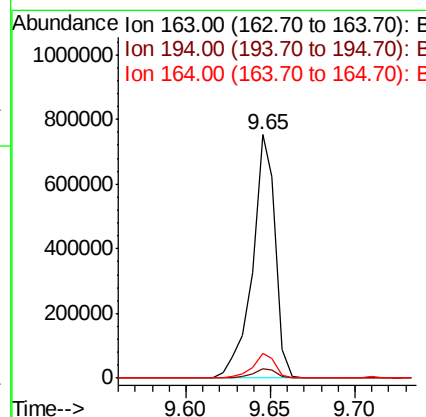
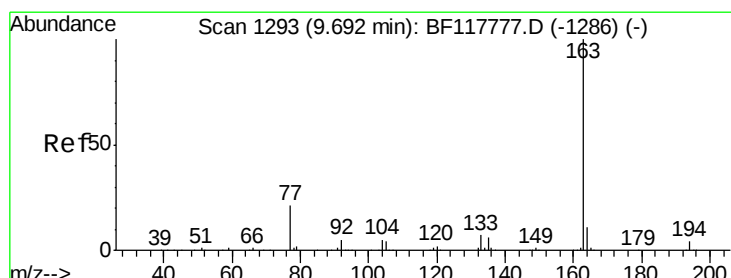
RT: 9.65 min Scan# 1285

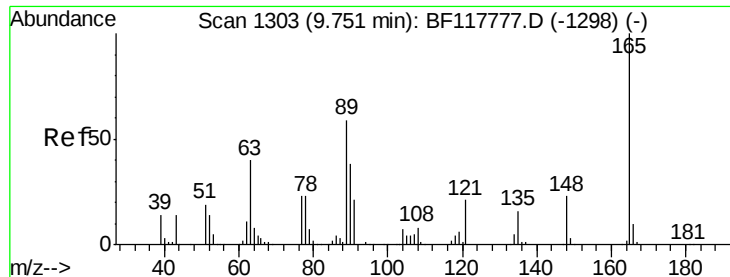
Delta R.T. -0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.4	7.9	11.9





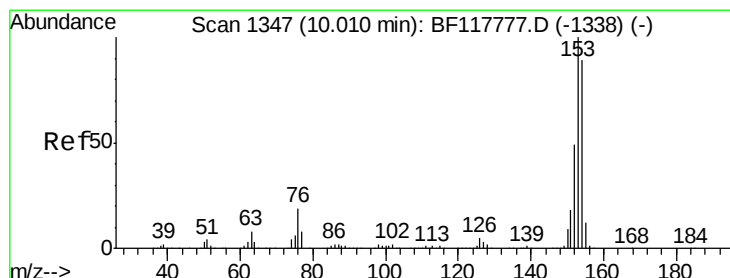
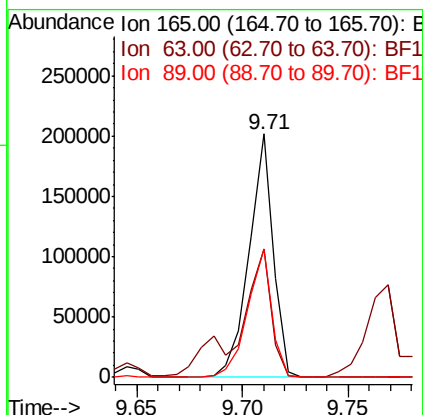
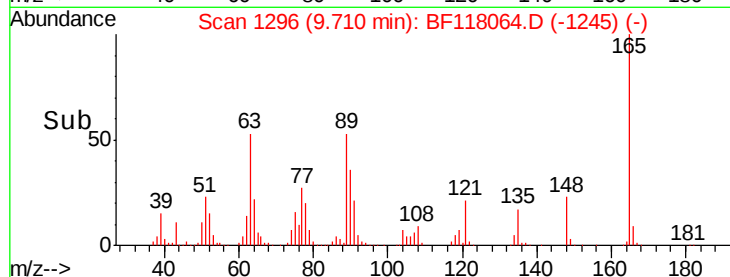
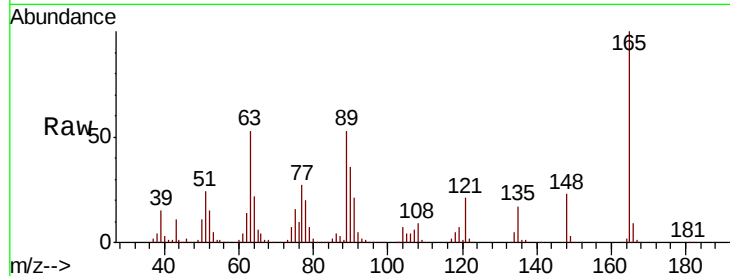
#51
 2,6-Dinitrotoluene
 Concen: 36.886 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	160670		
63	52.6	43.9	65.9	
89	53.0	45.5	68.3	

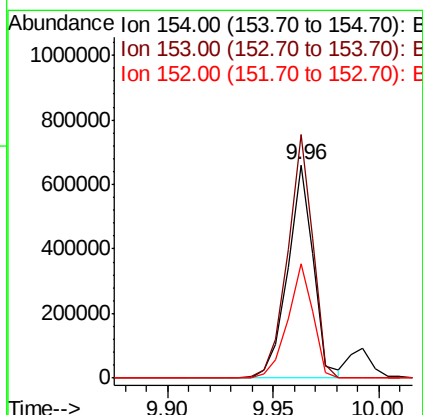
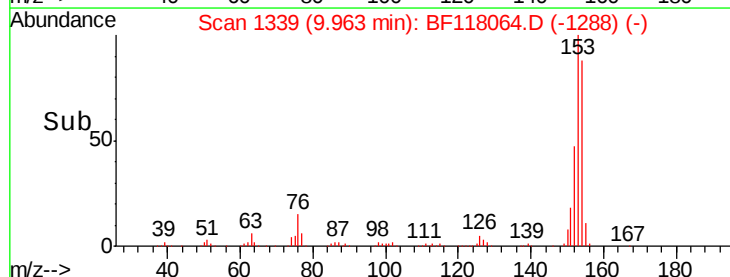
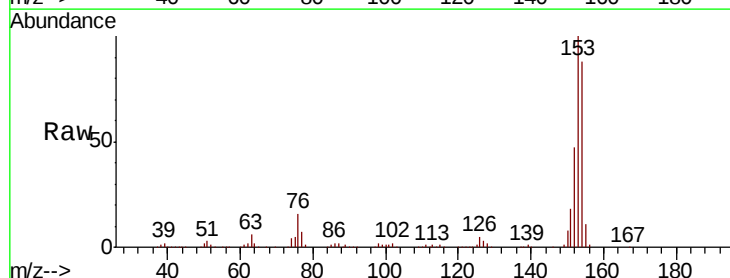
Manual Integrations
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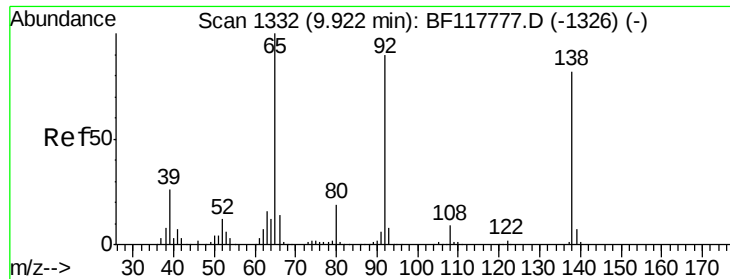
mohammad
 12/4/2019 5:01:26 PM



#52
 Acenaphthene
 Concen: 34.538 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	559541		
153	114.1	91.2	136.8	
152	53.6	43.6	65.4	





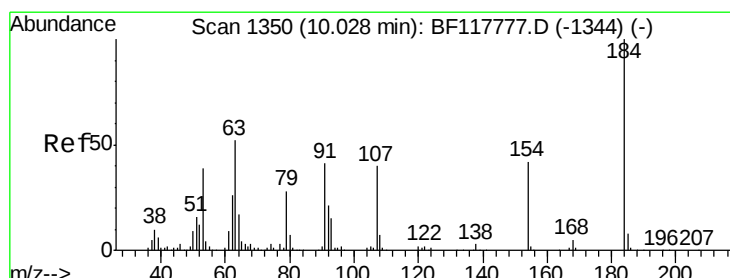
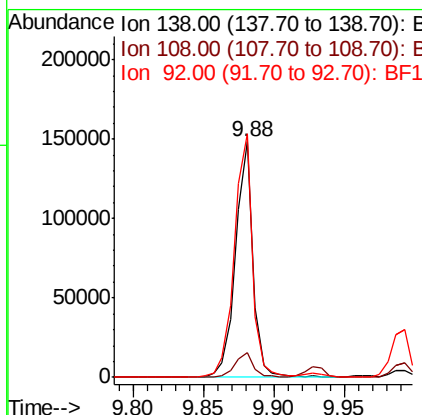
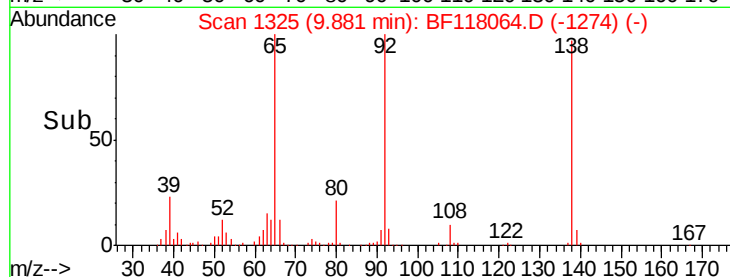
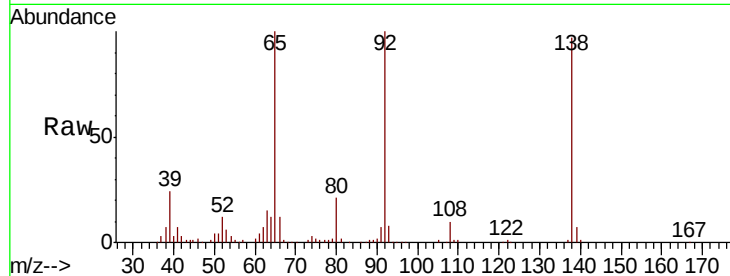
#53
3-Nitroaniline
Concen: 24.643 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	103.4	87.4	131.0

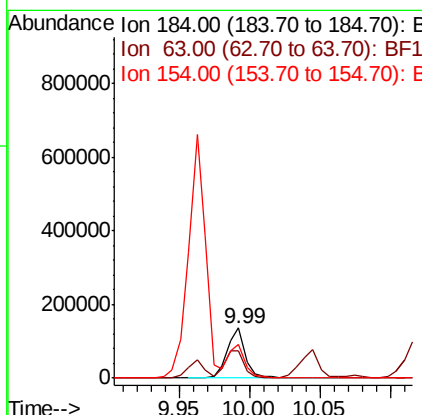
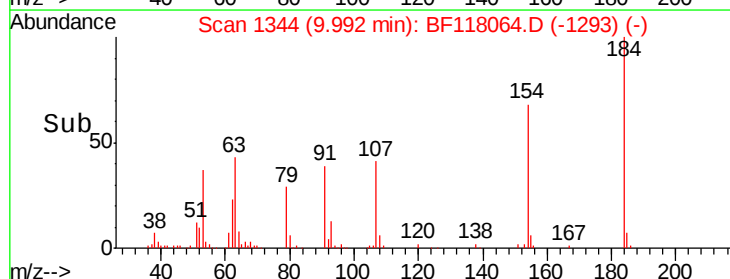
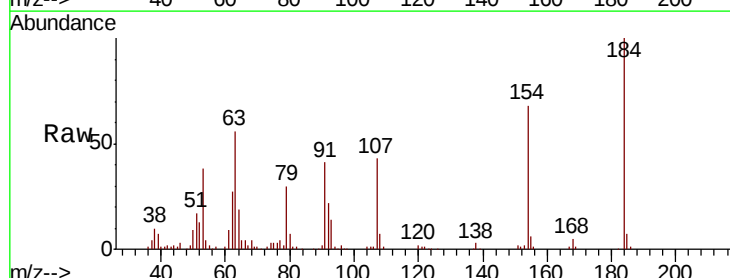
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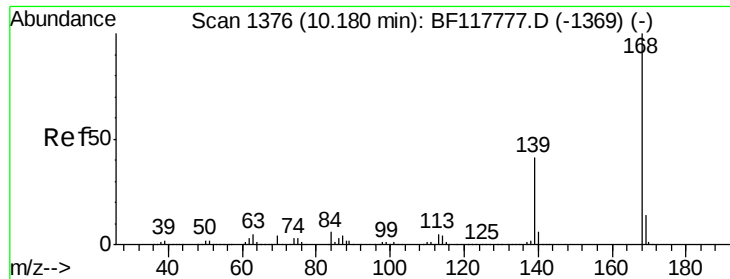
mohammad
12/4/2019 5:01:26 PM



#54
2,4-Dinitrophenol
Concen: 56.568 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.9	45.3	67.9
154	67.5	51.6	77.4





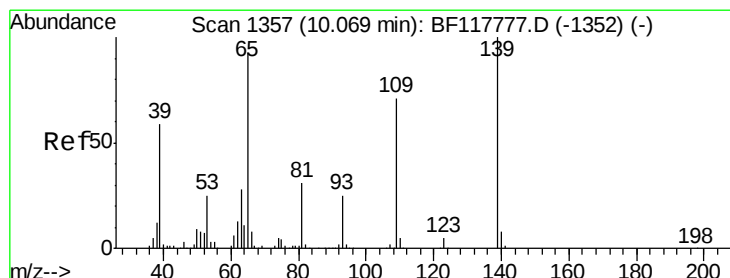
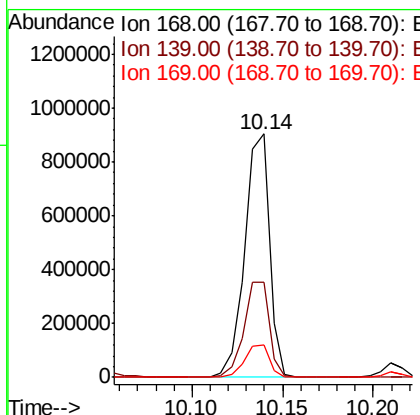
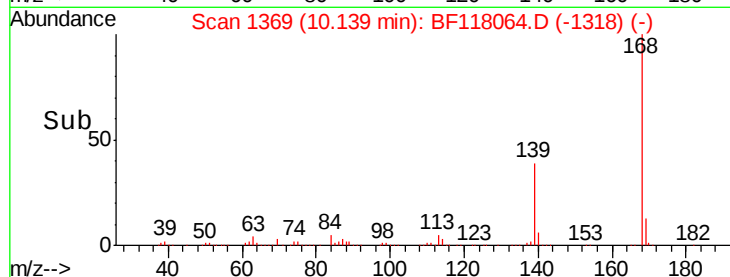
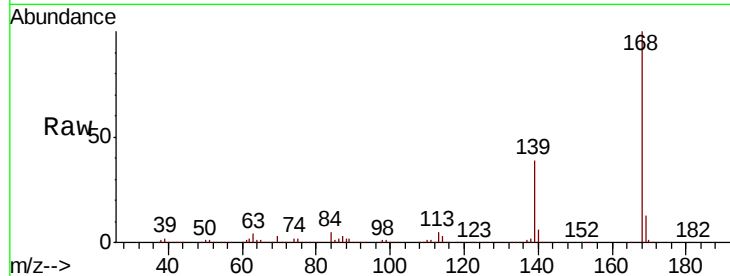
#55
Dibenzofuran
Concen: 38.302 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	32.5	48.7
169	13.2	10.8	16.2

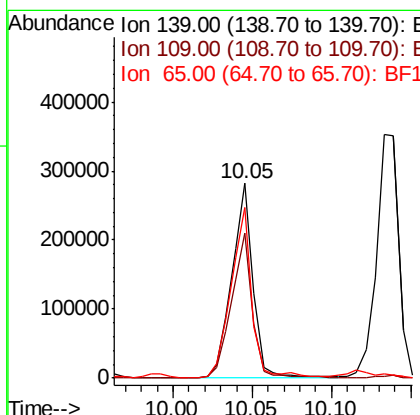
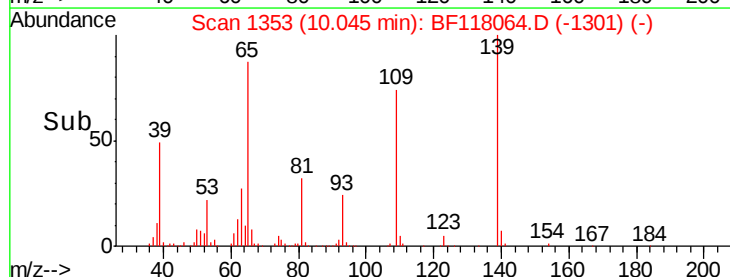
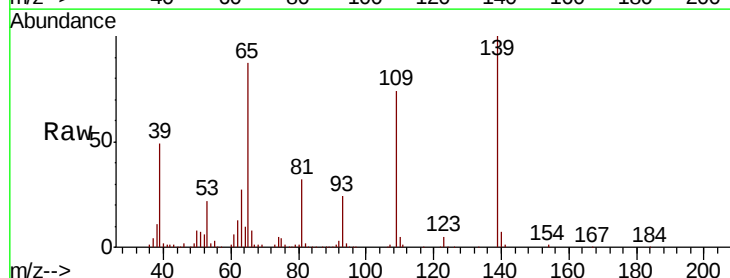
Manual Integrations
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mohammad
12/4/2019 5:01:26 PM



#56
4-Nitrophenol
Concen: 67.259 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.4	55.2	95.2
65	87.5	68.7	108.7





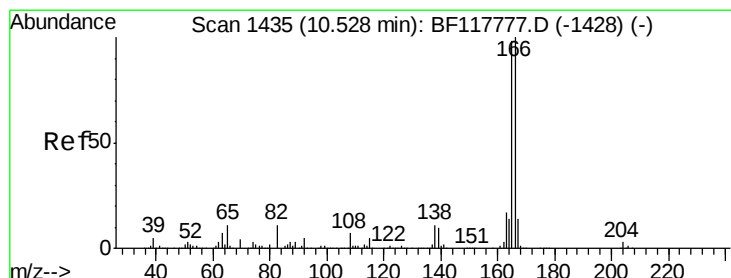
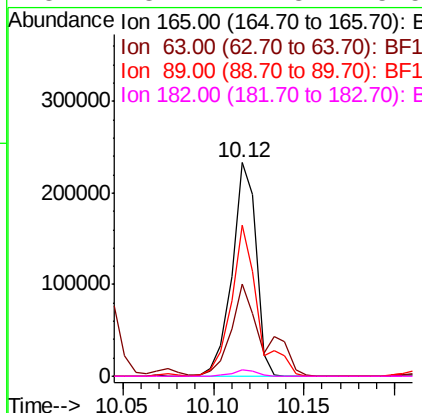
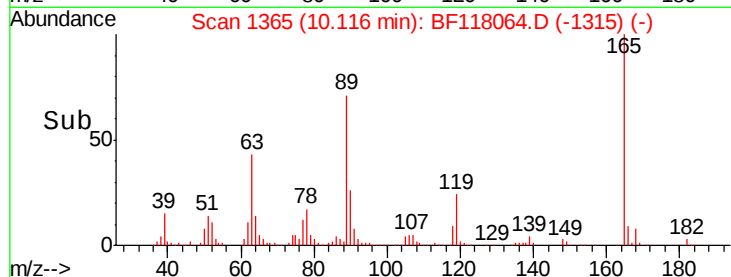
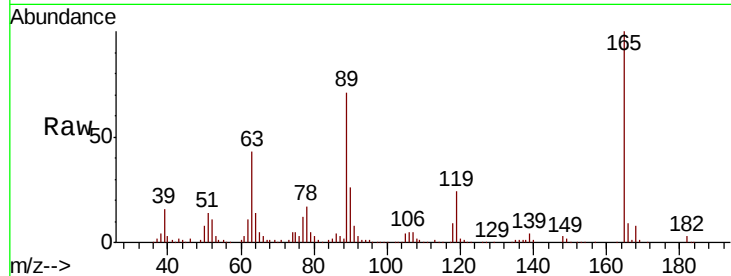
#57
2,4-Dinitrotoluene
Concen: 38.882 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	215440		
63	42.9	26.5	39.7#	
89	71.0	47.2	70.8#	
182	3.2	2.3	3.5	

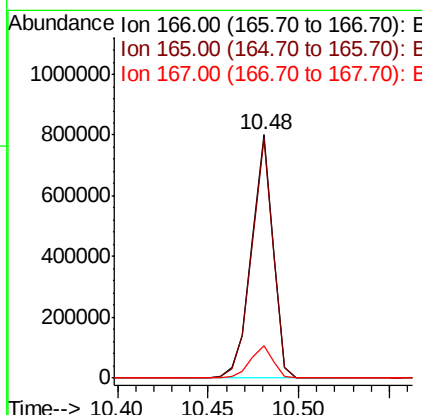
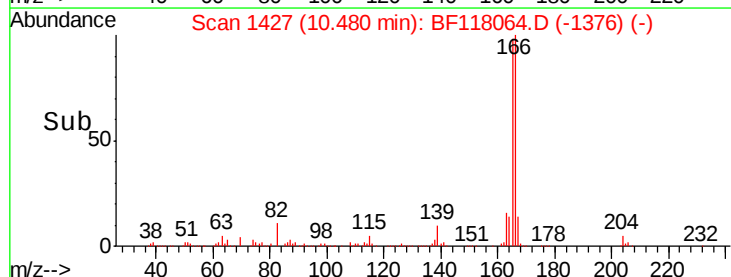
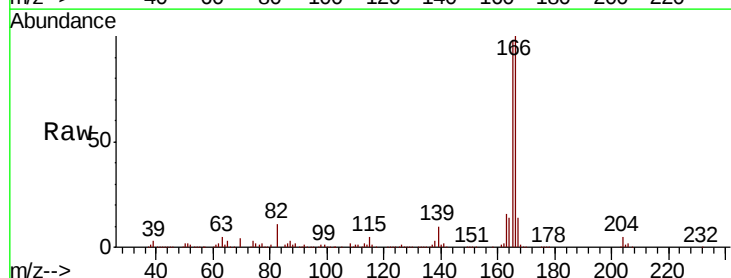
Manual Integrations
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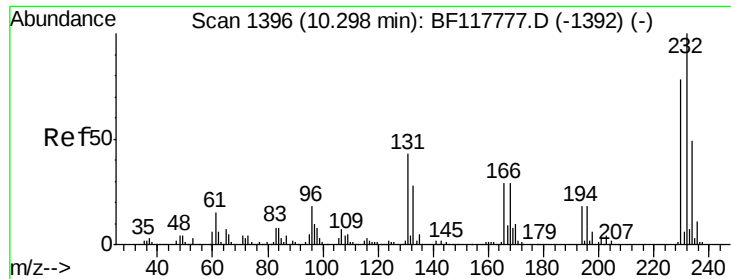
mohammad
12/4/2019 5:01:26 PM



#58
Fluorene
Concen: 38.211 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	664296		
165	98.3	77.4	116.2	
167	13.5	10.7	16.1	





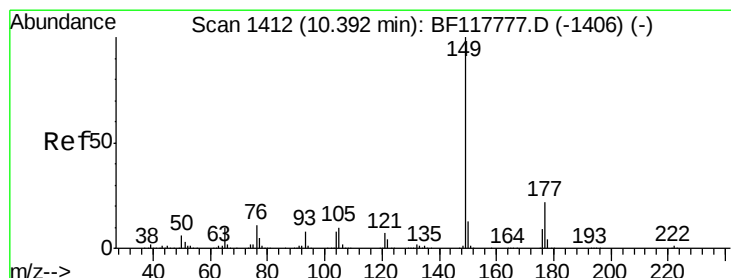
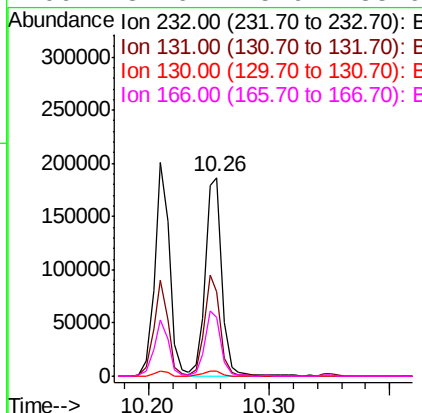
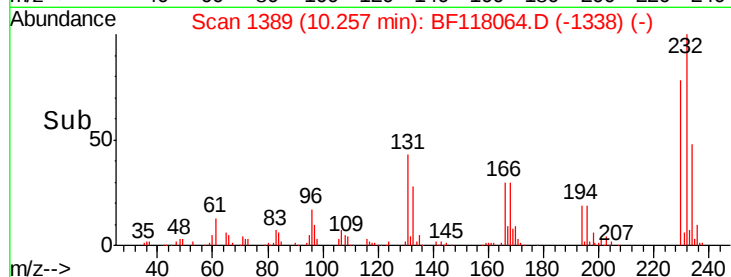
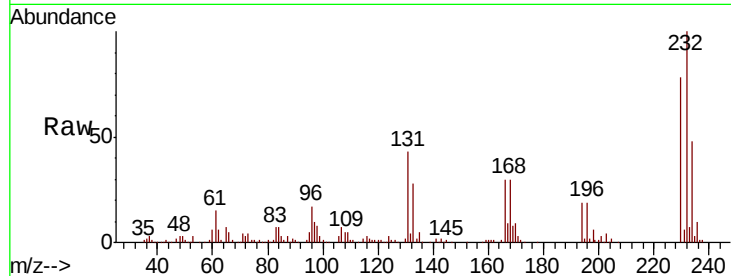
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.154 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.6	38.8	58.2
130	2.7	1.9	2.9
166	32.6	25.9	38.9

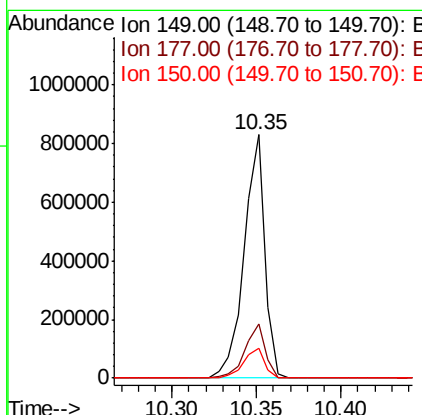
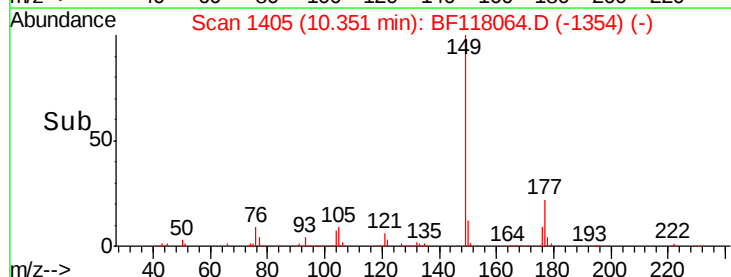
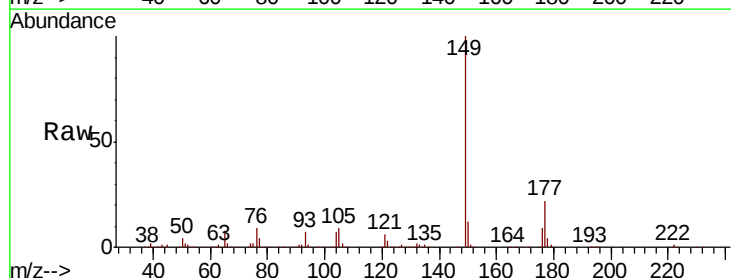
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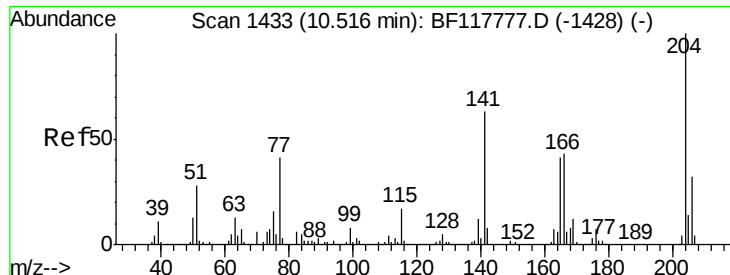
mohammad
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#60
Diethylphthalate
Concen: 36.524 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.6	26.4
150	12.4	9.8	14.8





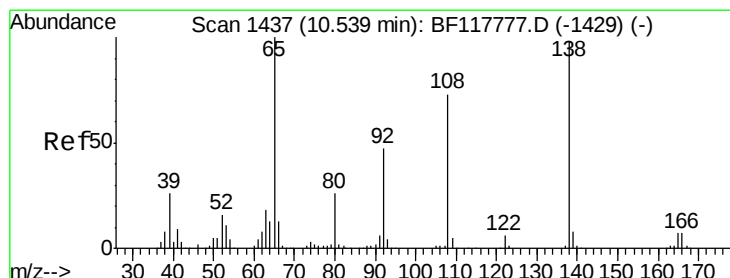
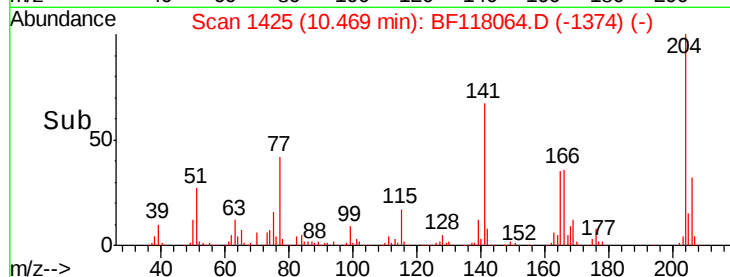
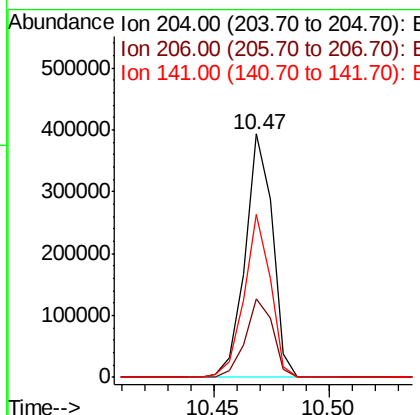
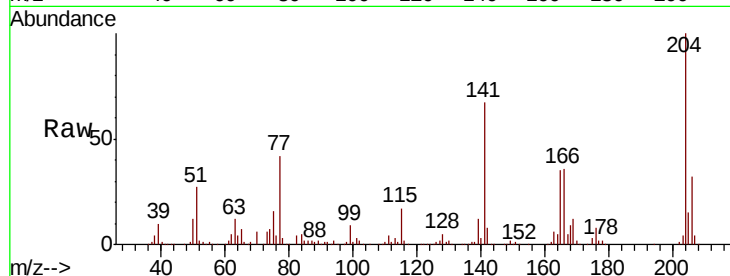
#61
4-Chlorophenyl-phenylether
Concen: 36.935 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.0	39.0
141	66.8	55.1	82.7

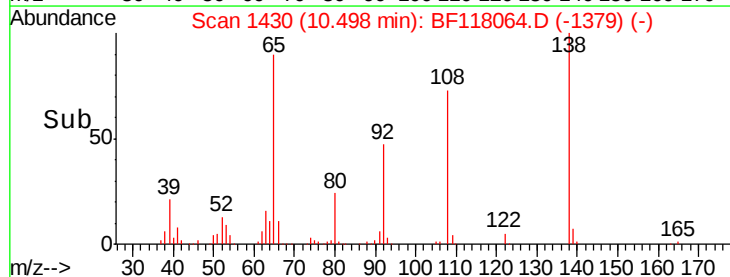
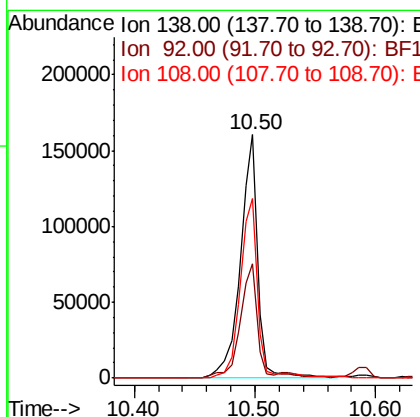
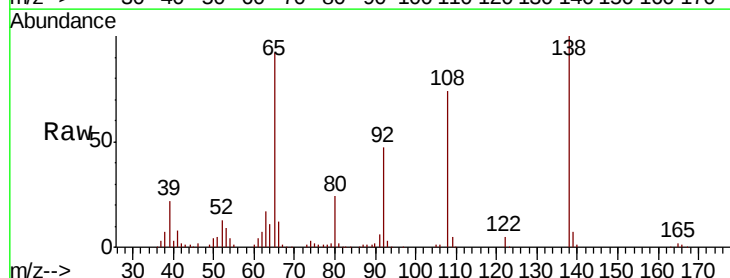
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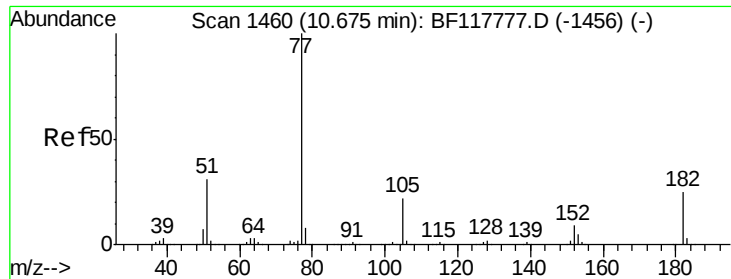
mohammad
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#62
4-Nitroaniline
Concen: 31.061 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	27.5	67.5
108	74.0	57.9	97.9





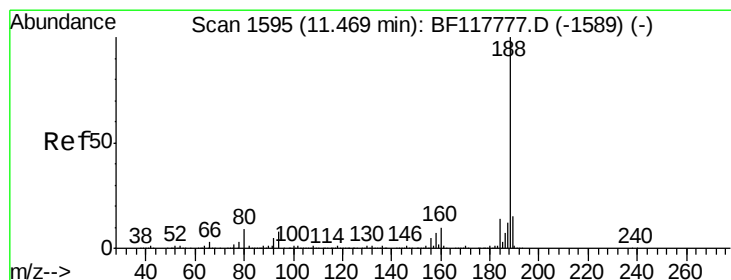
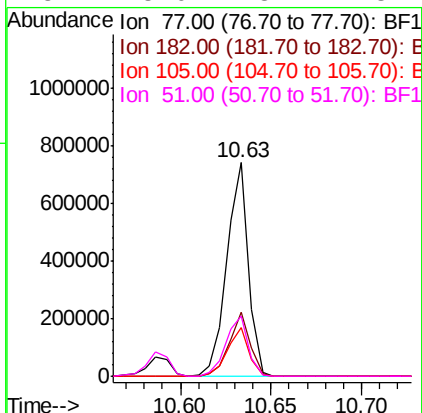
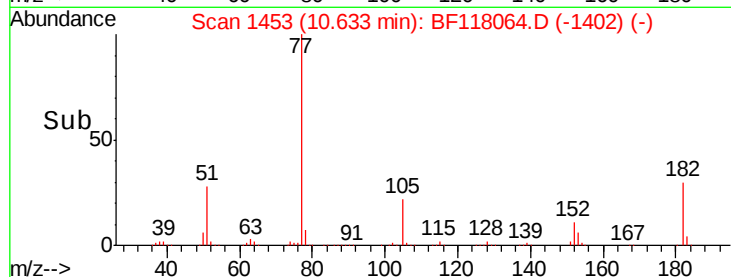
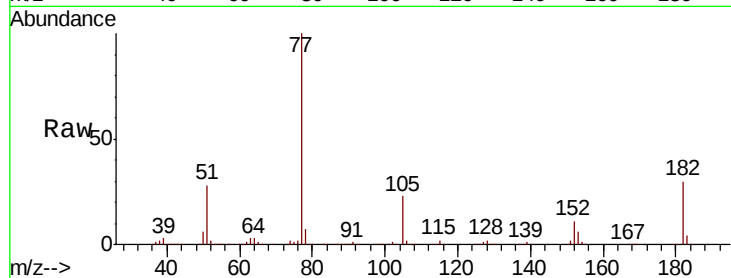
#63
Azobenzene
Concen: 34.875 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.9	8.2	48.2
105	22.9	2.1	42.1
51	28.0	8.7	48.7

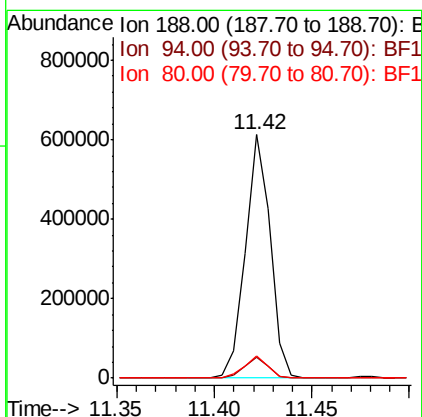
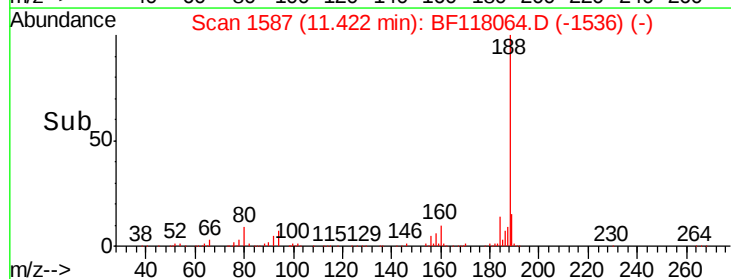
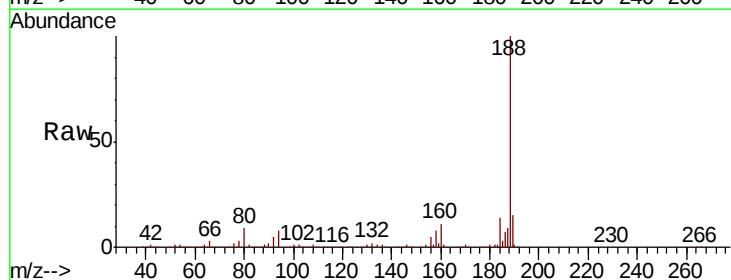
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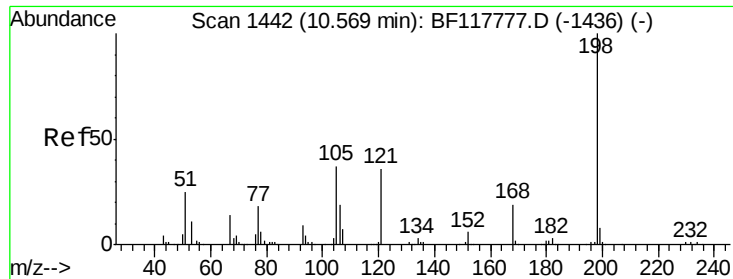
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	9.2	7.2	10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 37.384 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

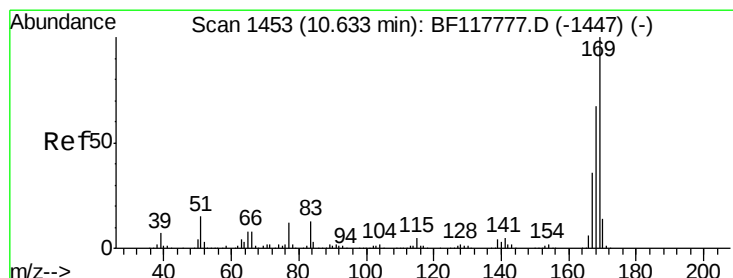
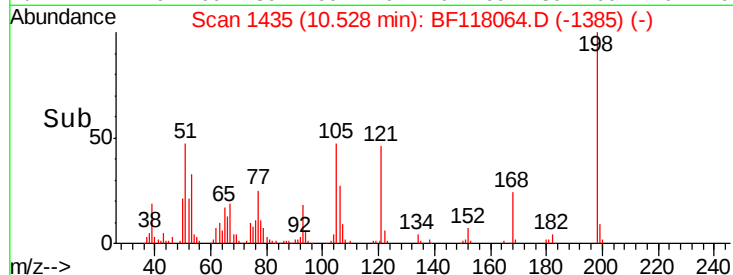
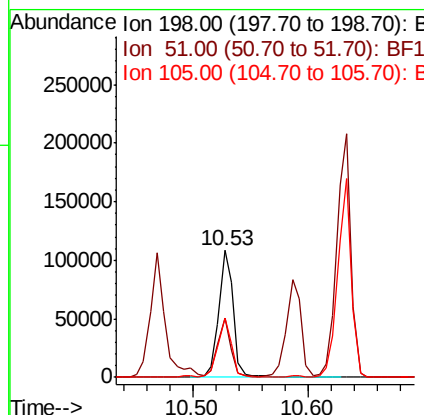
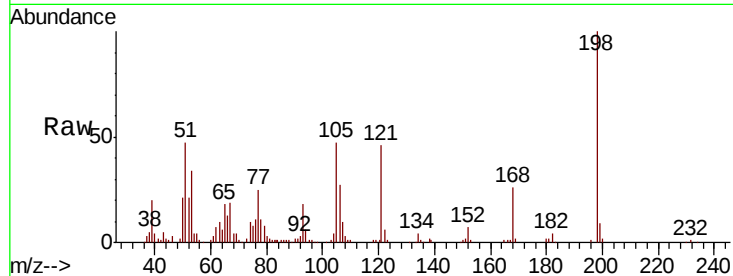
ClientSampleId :

TR-05-112619MS

Tot Ion:	198	Resp:	94244
Ion Ratio	Lower	Upper	
198	100		
51	46.8	12.6	52.6
105	46.9	17.0	57.0

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#66

n-Nitrosodiphenylamine

Concen: 37.572 ng

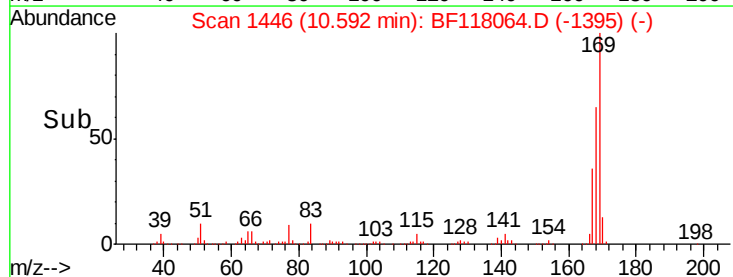
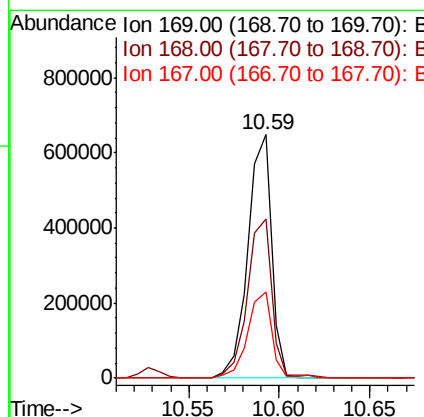
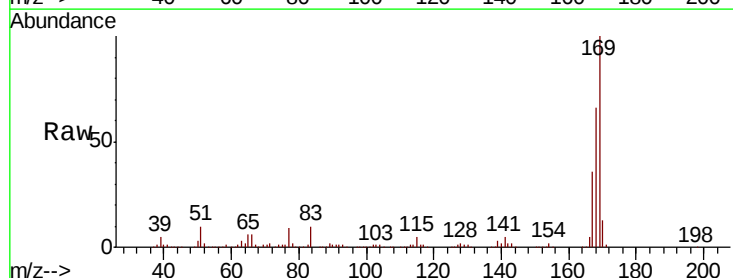
RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Tgt Ion:	169	Resp:	590470
Ion Ratio	Lower	Upper	
169	100		
168	65.6	52.5	78.7
167	35.5	28.4	42.6





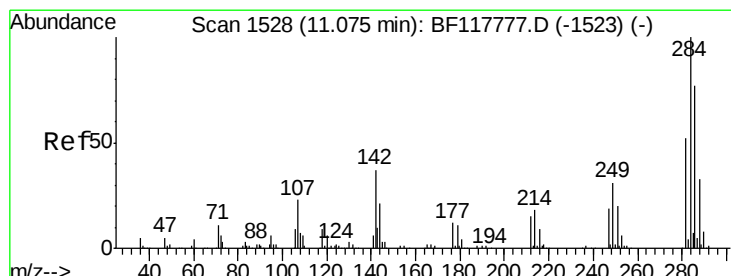
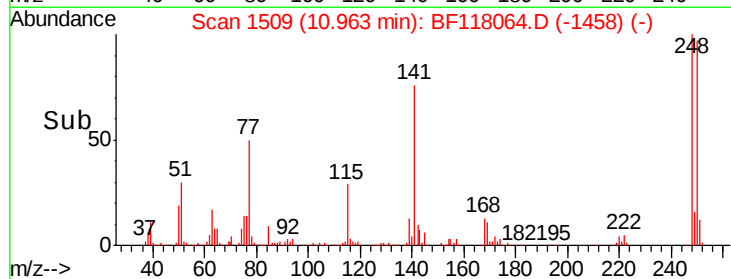
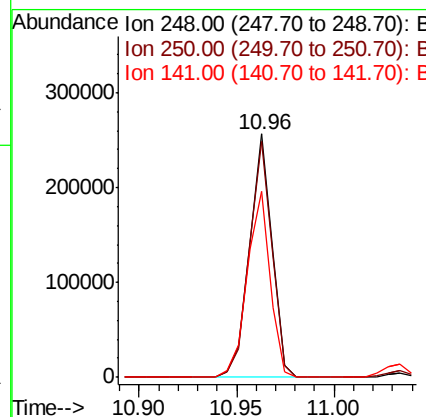
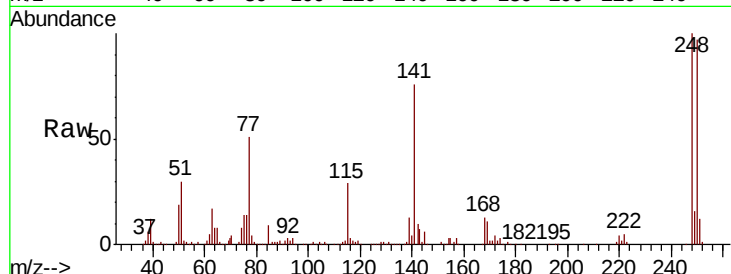
#67
4-Bromophenyl-phenylether
Concen: 35.249 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.0	117.0
141	76.3	64.0	96.0

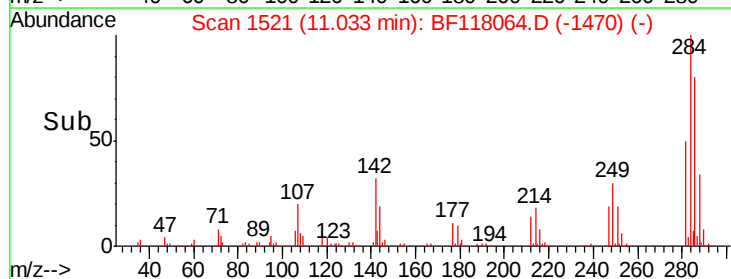
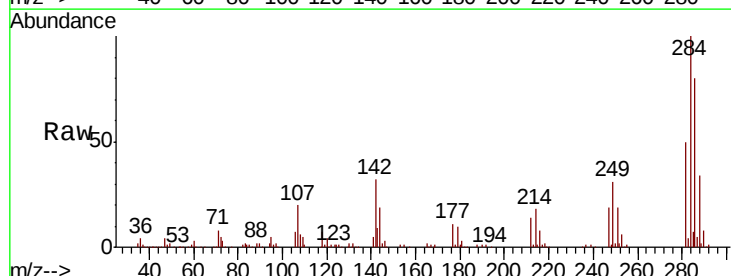
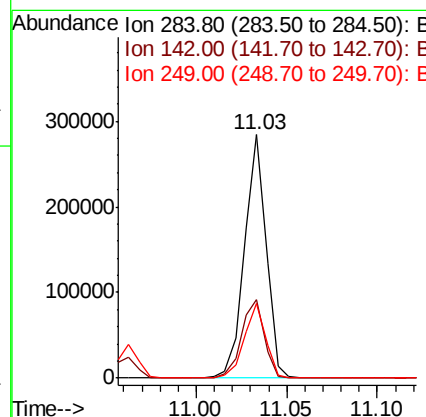
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#68
Hexachlorobenzene
Concen: 34.628 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	27.3	40.9
249	30.5	24.8	37.2





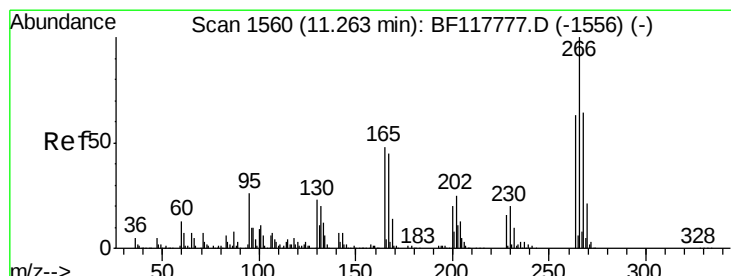
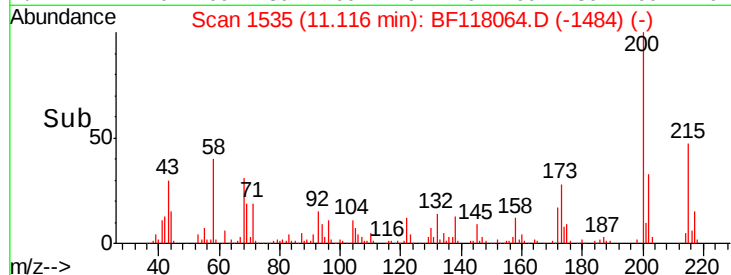
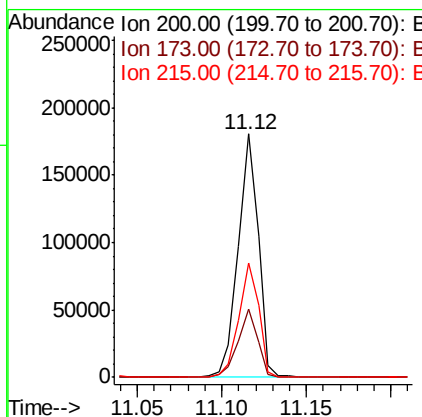
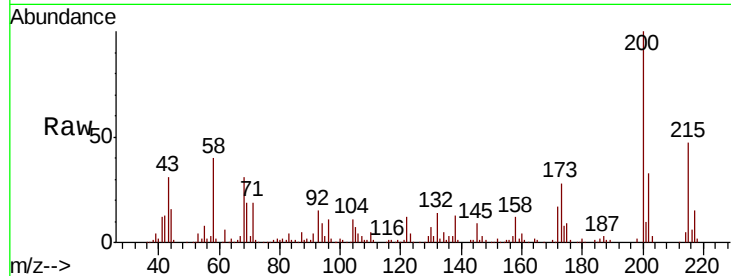
#69
 Atrazine
 Concen: 28.944 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	149632		
173	28.0	7.9	47.9	
215	46.9	27.0	67.0	

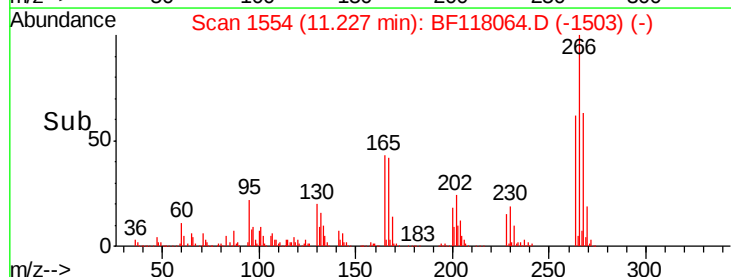
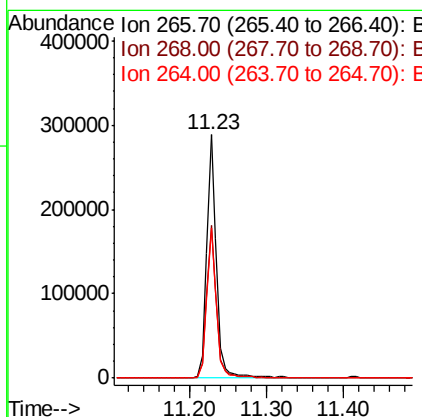
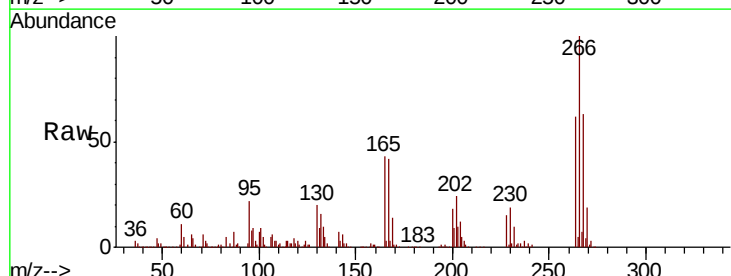
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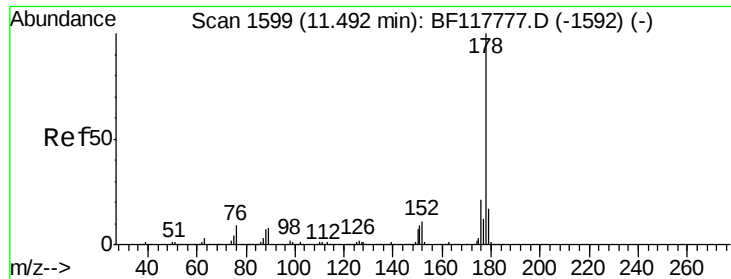
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#70
 Pentachlorophenol
 Concen: 64.172 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	254719		
268	63.0	50.3	75.5	
264	61.8	50.3	75.5	





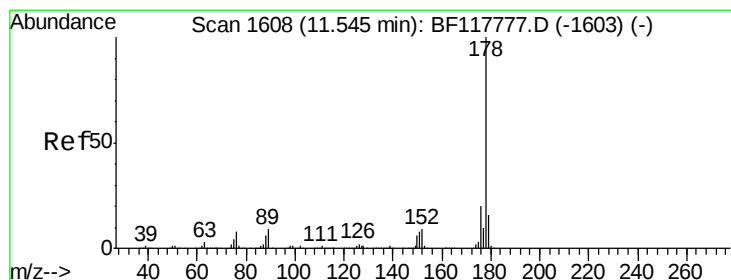
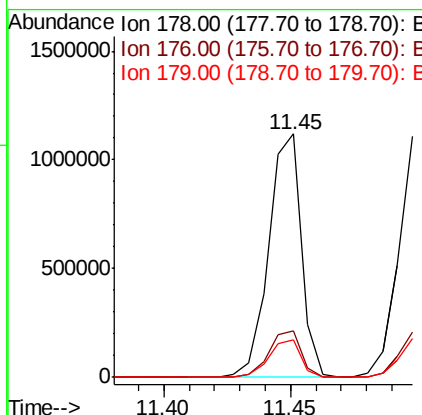
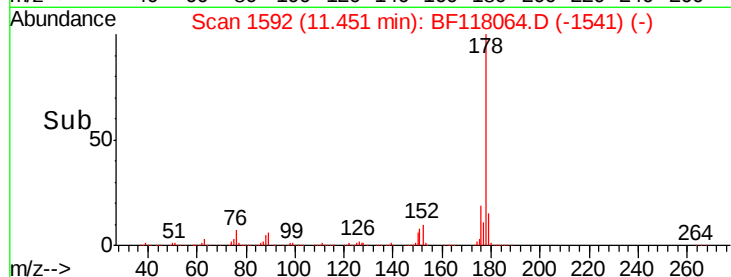
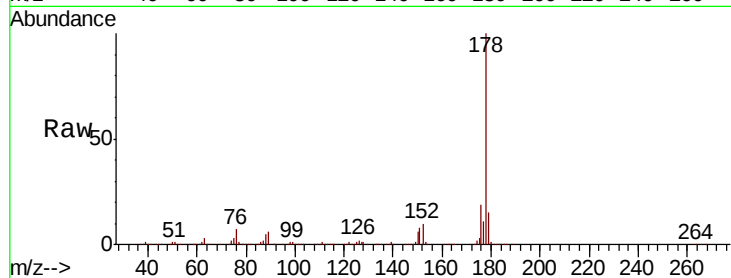
#71
Phenanthrene
Concen: 37.265 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion:178 Resp: 1011739
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.3 18.5

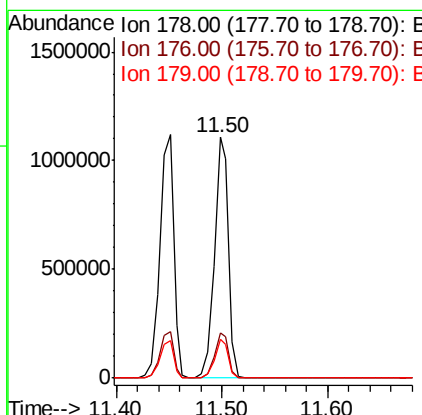
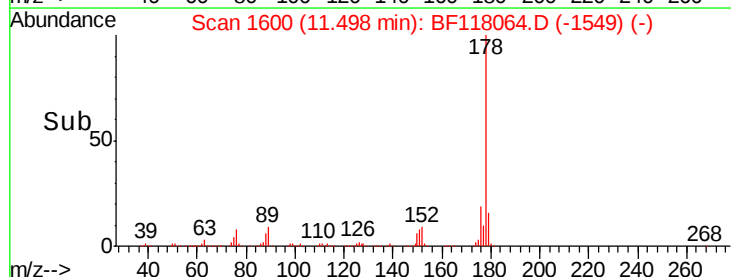
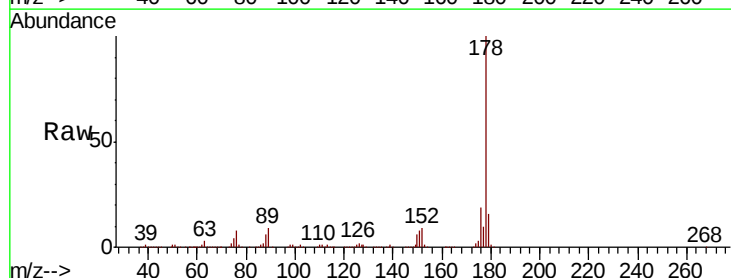
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#72
Anthracene
Concen: 38.751 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion:178 Resp: 1043122
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.9 12.8 19.2





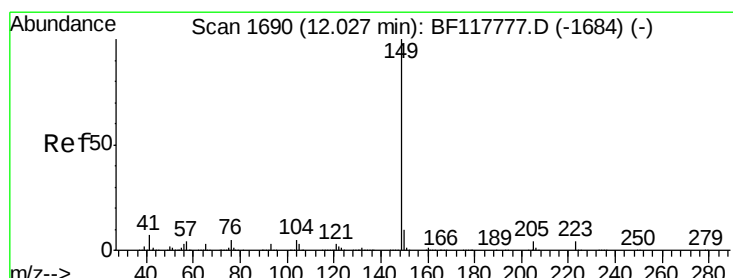
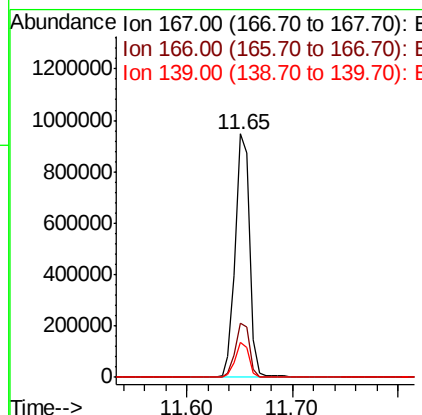
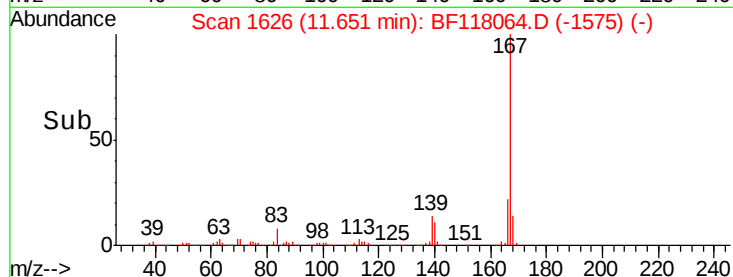
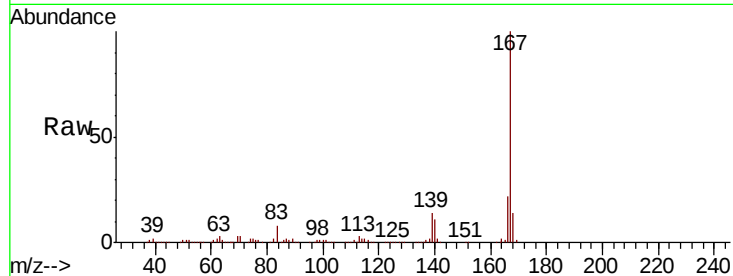
#73
 Carbazole
 Concen: 37.771 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MS

Tot Ion:	167	Resp:	888474
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.6	26.4
139	14.4	11.5	17.3

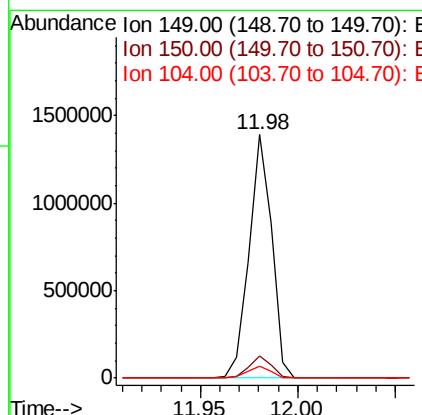
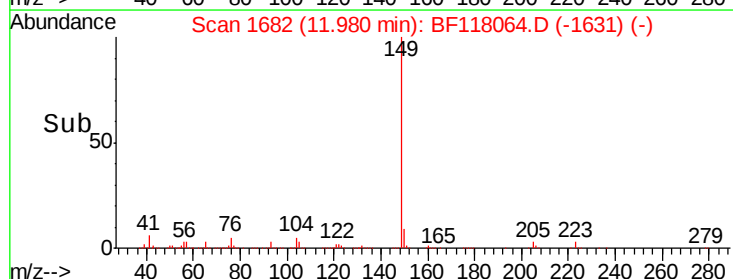
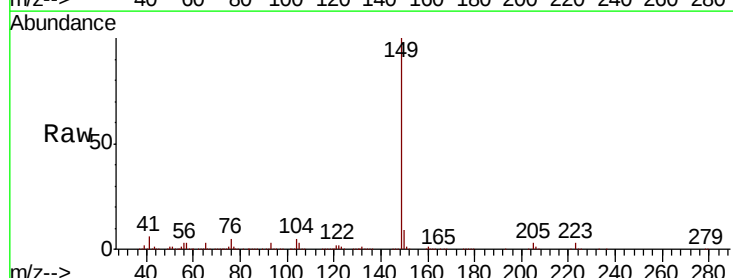
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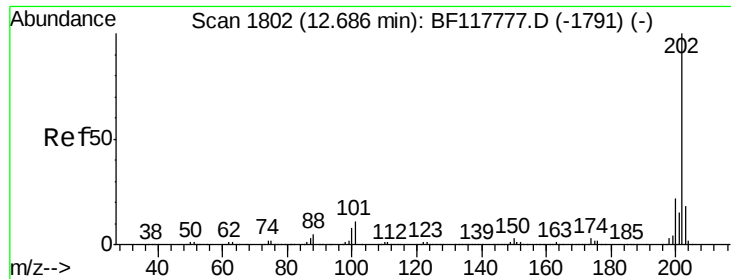
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#74
 Di-n-butylphthalate
 Concen: 38.278 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Tgt Ion:	149	Resp:	1121079
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.5	11.3
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 40.795 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

TR-05-112619MS

Tot Ion:202 Resp: 1025979

Ion Ratio Lower Upper

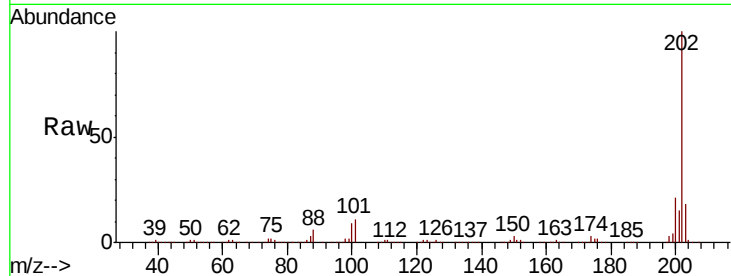
202 100

101 11.4 0.0 31.5

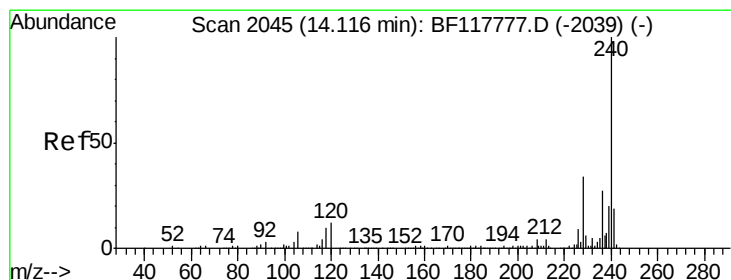
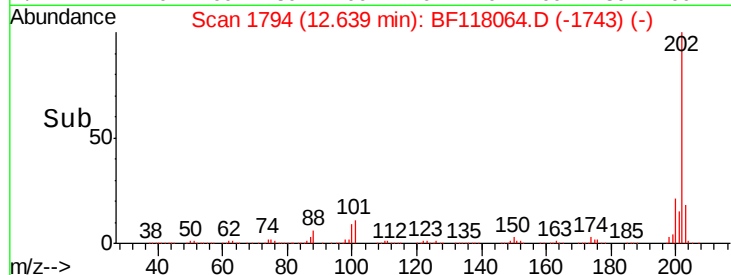
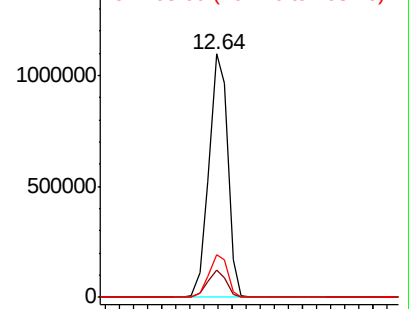
203 17.5 0.0 37.6

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Abundance Ion 202.00 (201.70 to 202.70): E
1500000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

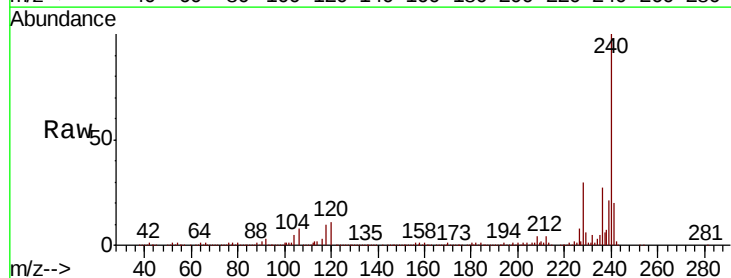
Tgt Ion:240 Resp: 357913

Ion Ratio Lower Upper

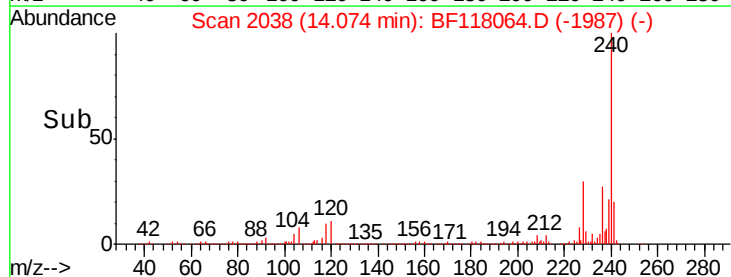
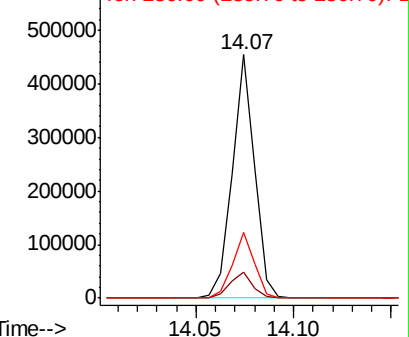
240 100

120 10.9 8.4 12.6

236 26.8 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.124 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

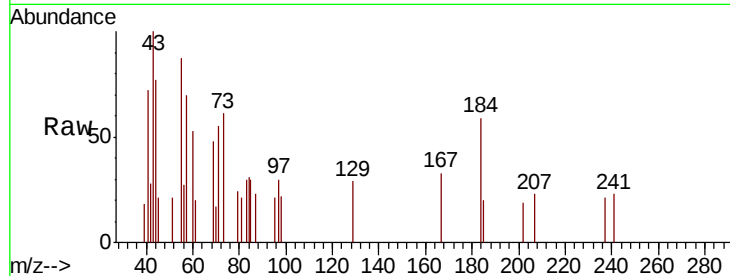
ClientSampleId :

TR-05-112619MS

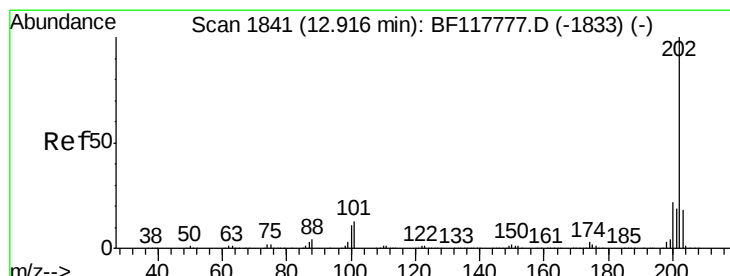
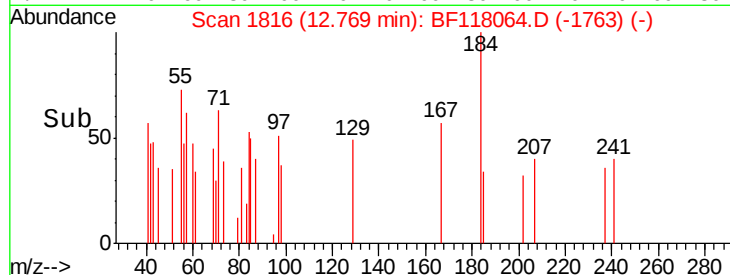
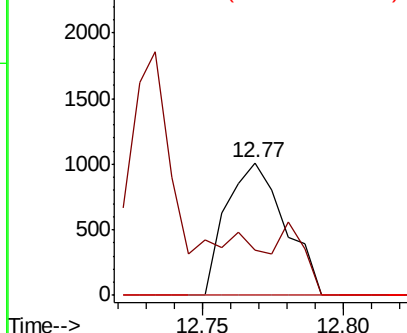
Tot Ion:	184	Resp:	1456
Ion Ratio	Lower	Upper	
184	100		
185	34.3	11.6	17.4#
183	0.0	9.7	14.5#

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



#78

Pyrene

Concen: 35.493 ng

RT: 12.87 min Scan# 1834

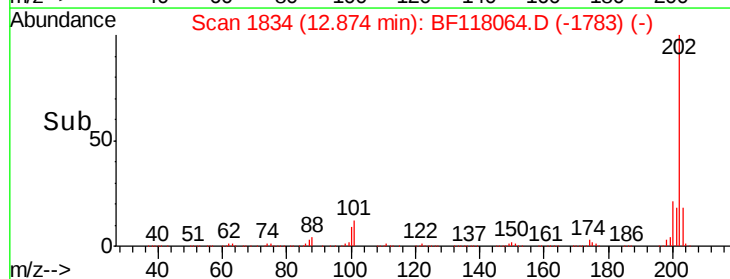
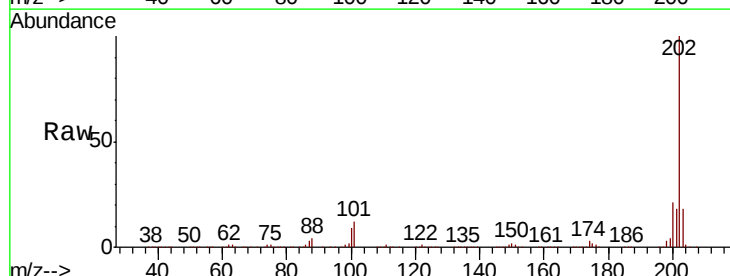
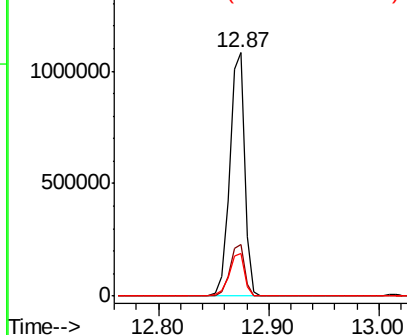
Delta R.T. 0.00 min

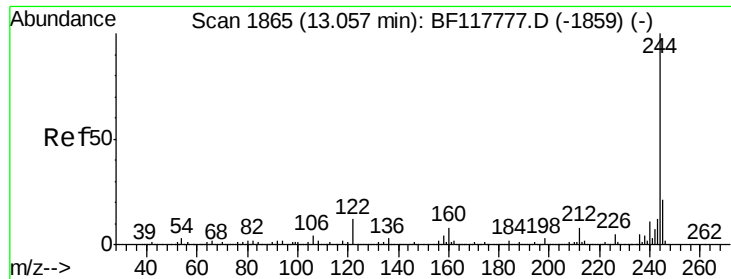
Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Tgt Ion:	202	Resp:	1026624
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.6
203	17.7	14.2	21.4

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





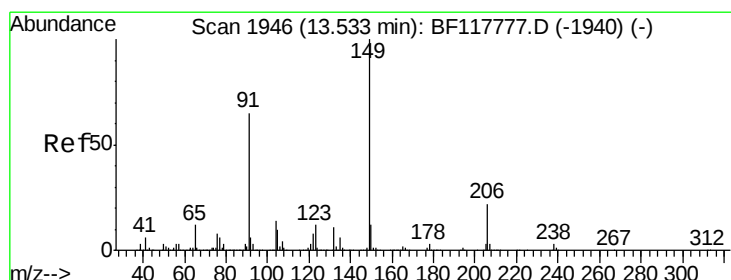
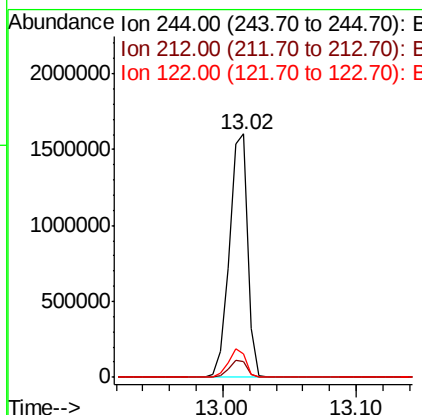
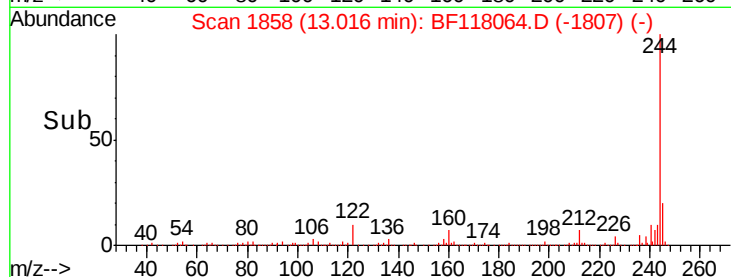
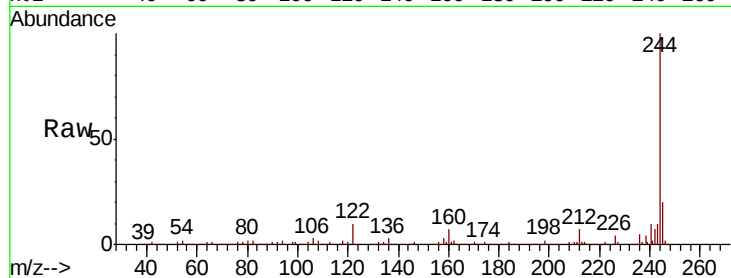
#79
 Terphenyl-d14
 Concen: 79.294 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	9.6	7.2	10.8

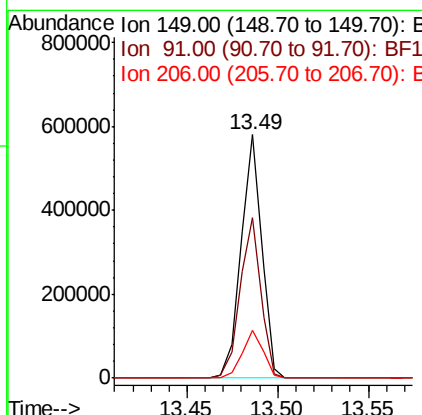
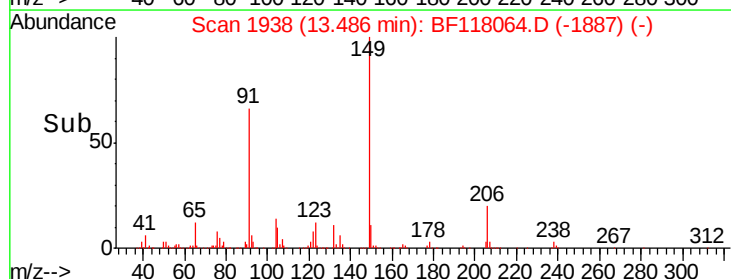
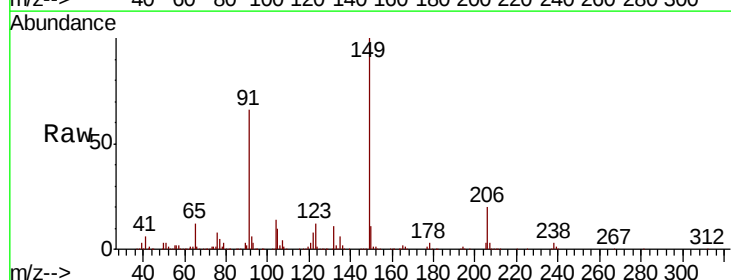
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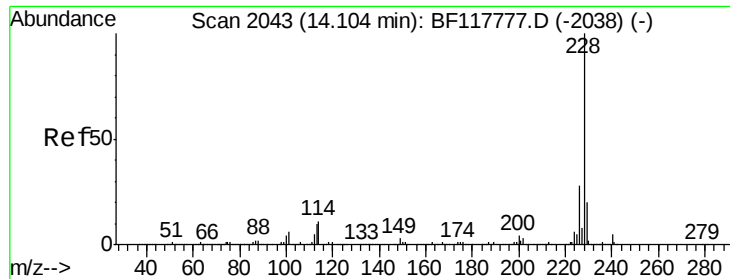
mohammad
 12/4/2019 5:01:26 PM



#80
 Butylbenzylphthalate
 Concen: 36.974 ng
 RT: 13.49 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.7	53.1	79.7
206	19.8	15.8	23.6





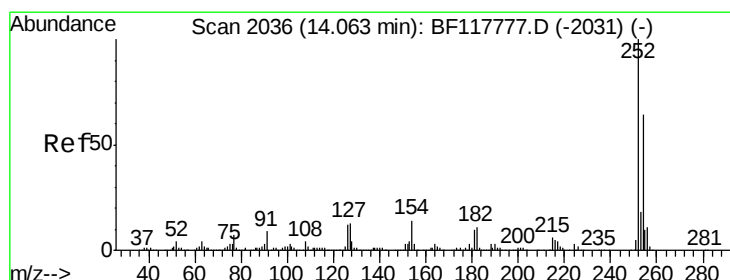
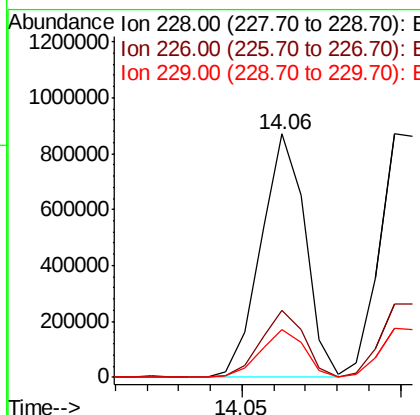
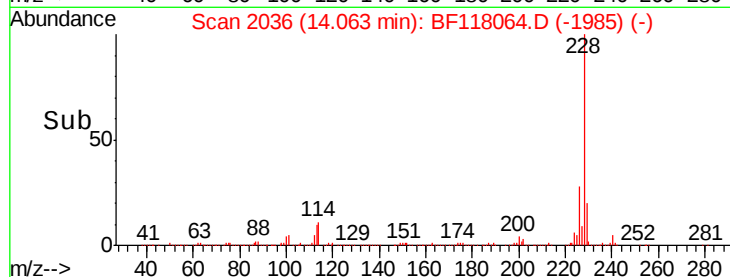
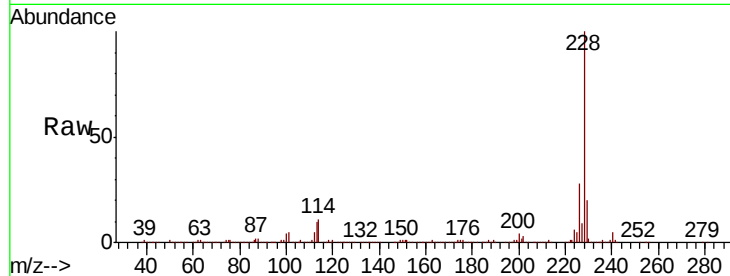
#81
Benzo(a)anthracene
Concen: 35.748 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	19.7	16.2	24.2

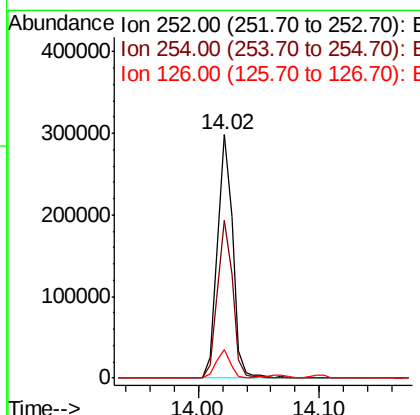
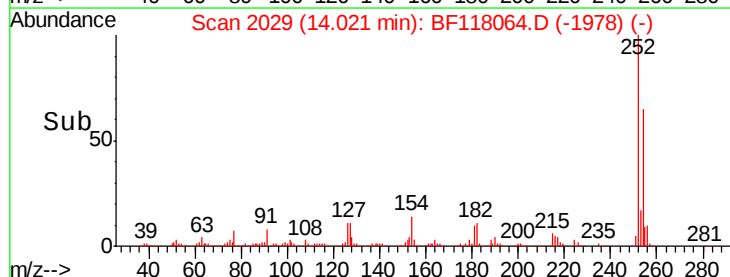
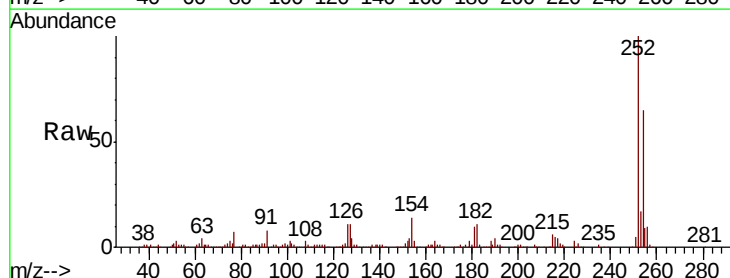
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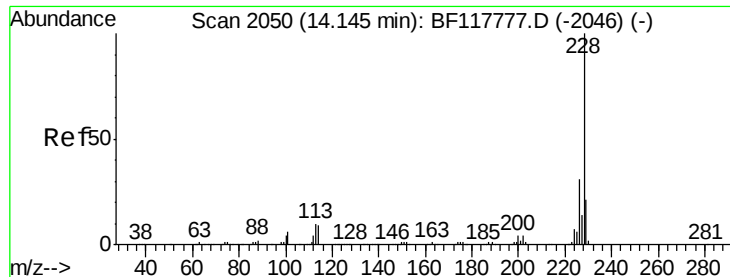
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 31.121 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.2	78.2
126	11.5	9.3	13.9





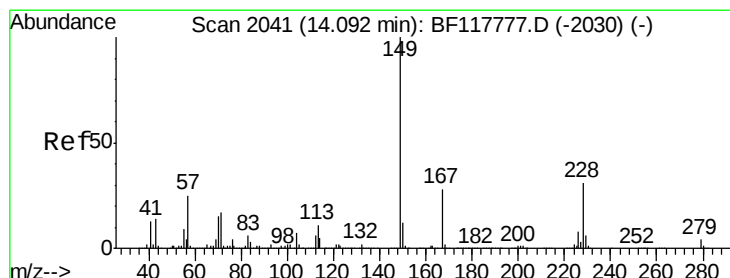
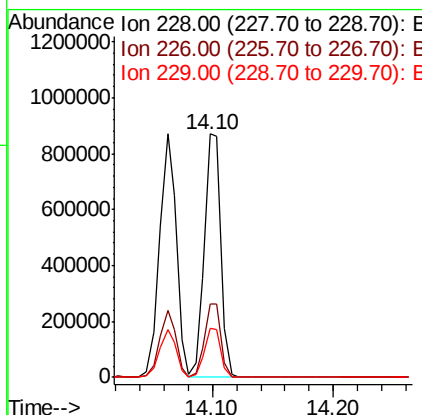
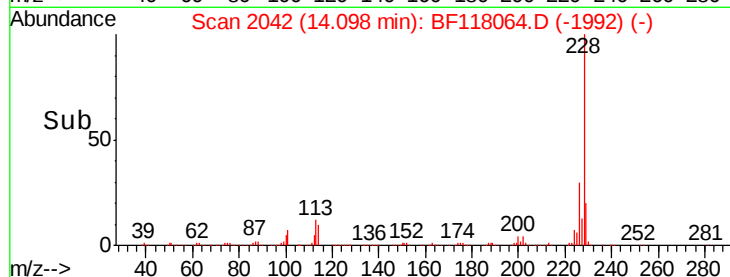
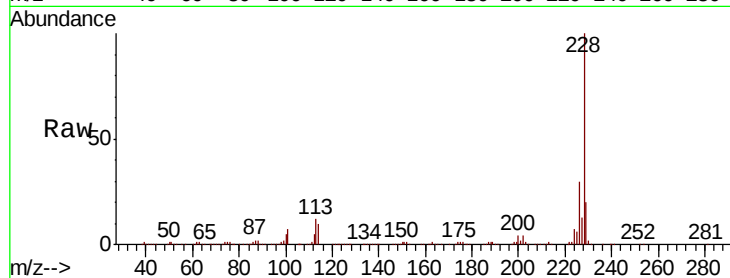
#83
 Chrvsene
 Concen: 36.078 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.6	35.4
229	20.0	16.2	24.2

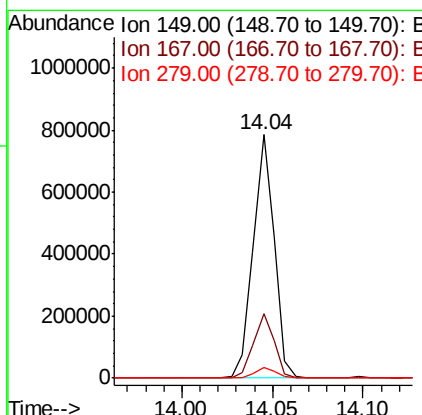
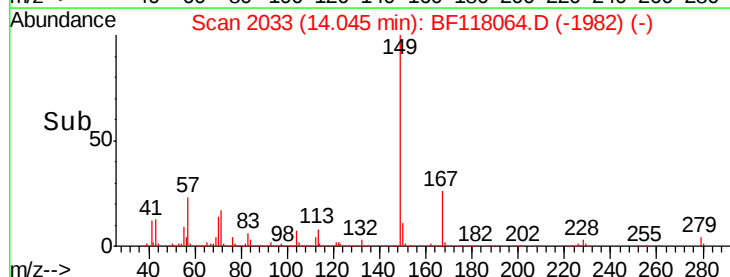
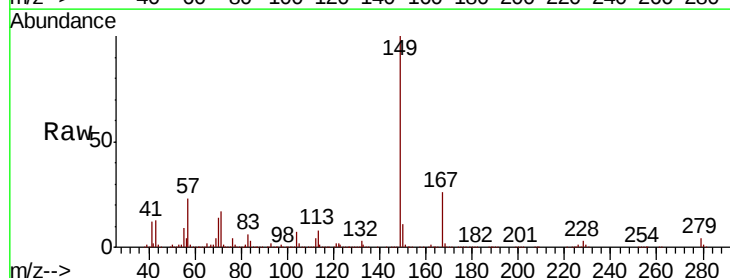
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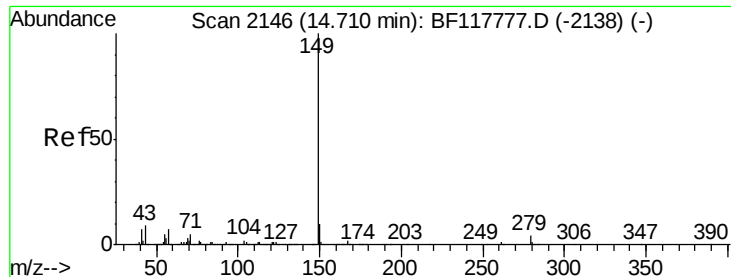
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.069 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF118064.D
 Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.8
279	4.1	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 43.437 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

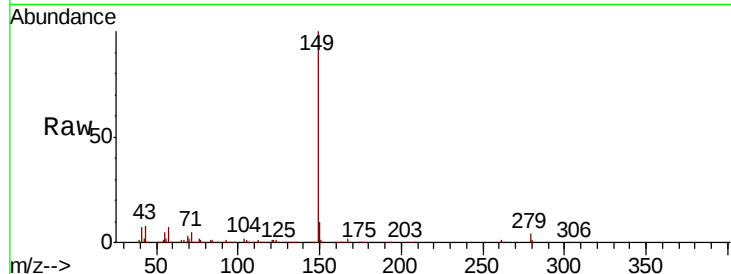
ClientSampleId :

TR-05-112619MS

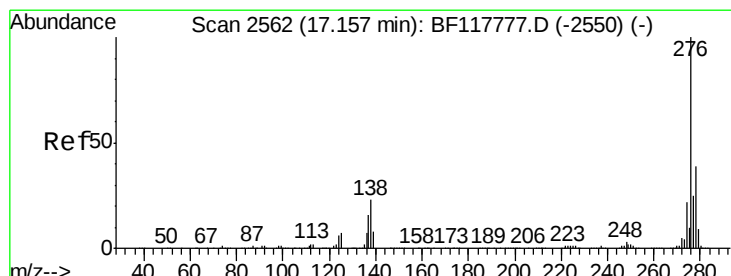
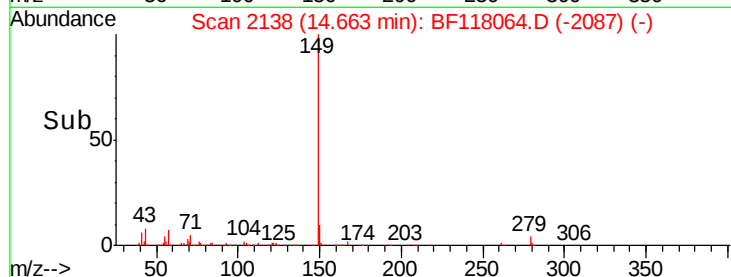
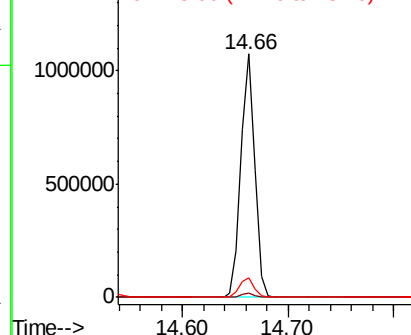
Tot Ion:	149	Resp:	961104
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.0	6.4	9.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.133 ng

RT: 17.09 min Scan# 2550

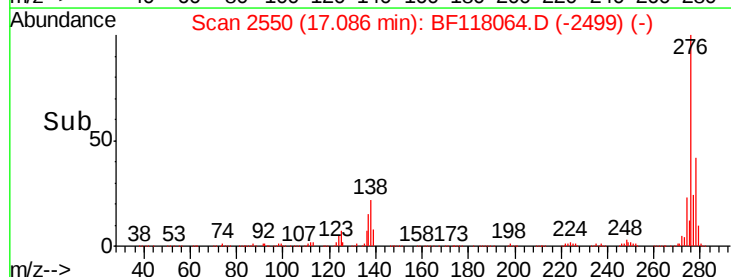
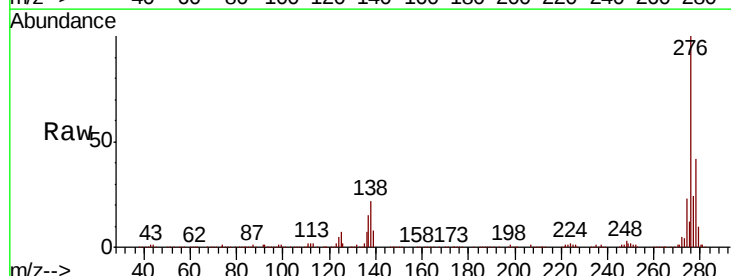
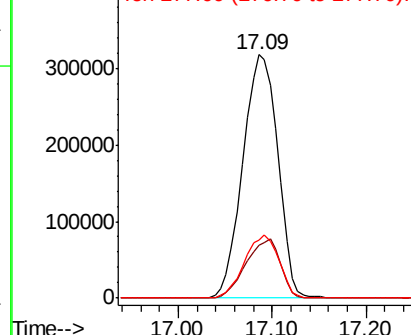
Delta R.T. 0.00 min

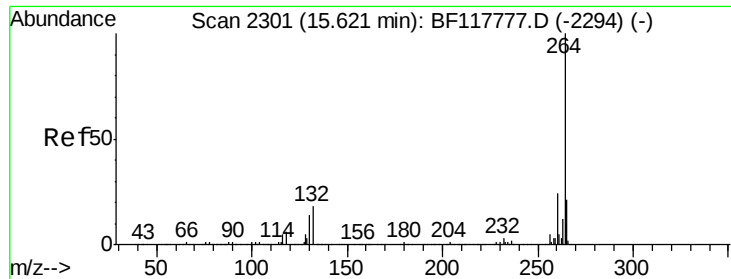
Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Tgt Ion:	276	Resp:	821827
Ion Ratio	Lower	Upper	
276	100		
138	24.0	19.0	28.6
277	25.7	20.7	31.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Instrument :

BNA_F

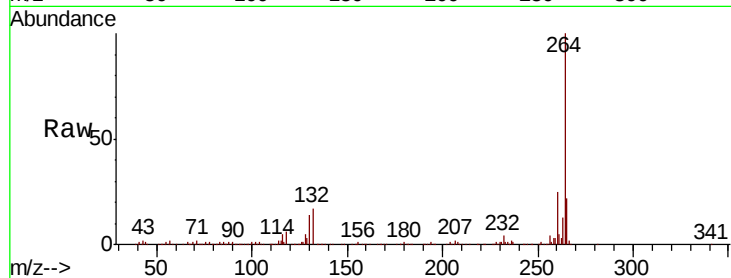
ClientSampleId :

TR-05-112619MS

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.9	19.0	28.6	
265	22.1	16.4	24.6	

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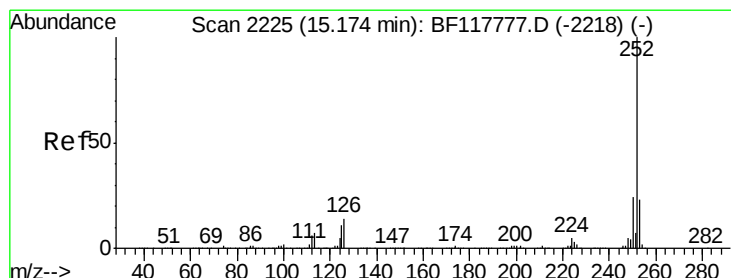
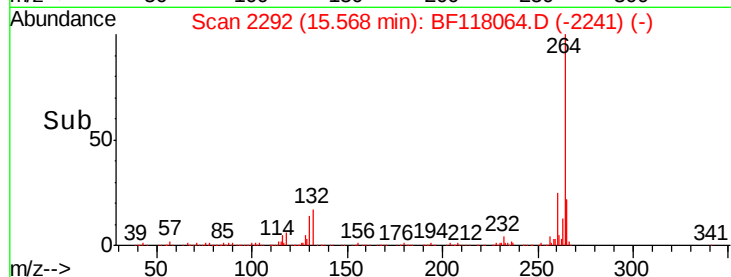
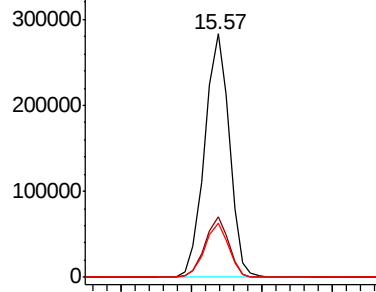


Abundance

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: 35.377 ng

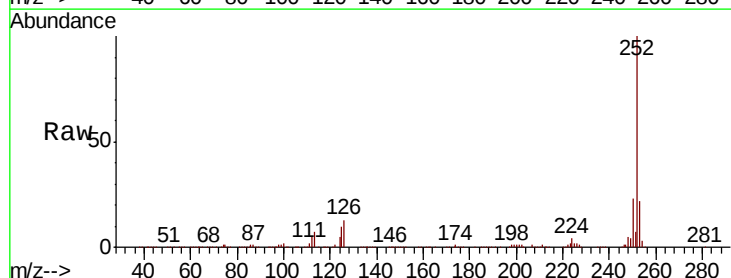
RT: 15.13 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BF118064.D

Acq: 3 Dec 2019 16:09

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.2	18.1	27.1	
125	10.2	7.7	11.5	

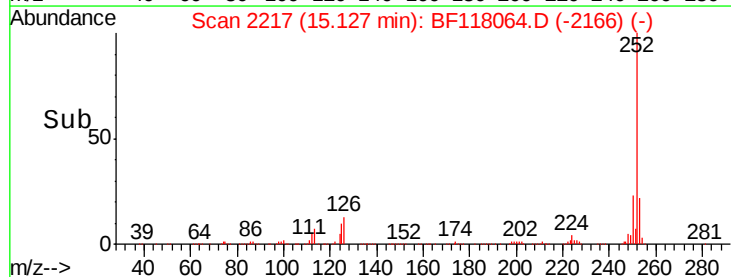
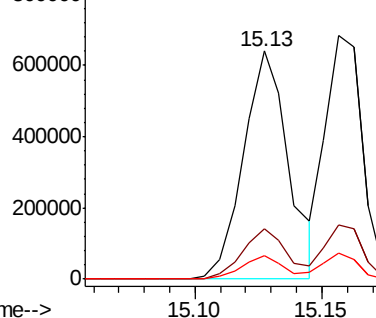


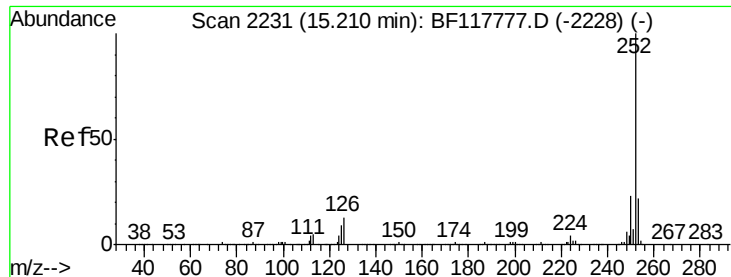
Abundance

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





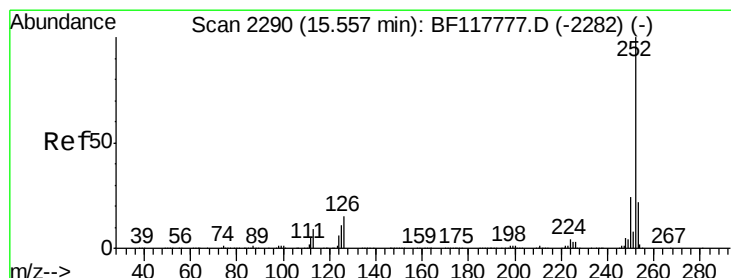
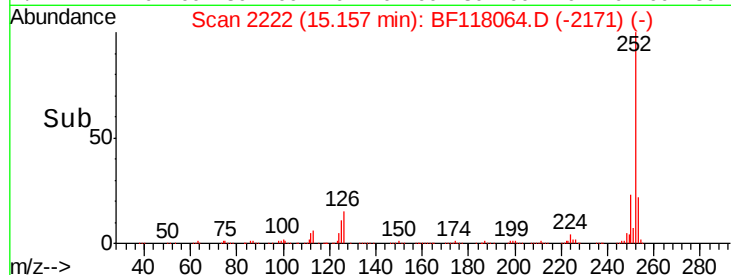
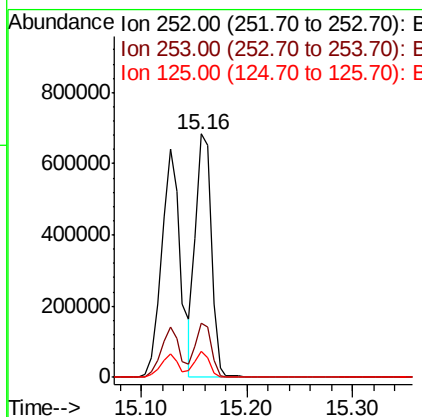
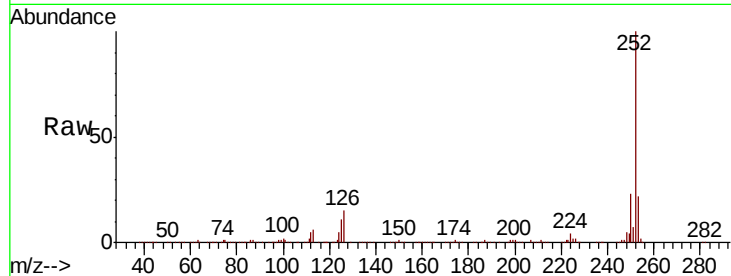
#89
Benzo(k)fluoranthene
Concen: 33.091 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	10.6	8.5	12.7

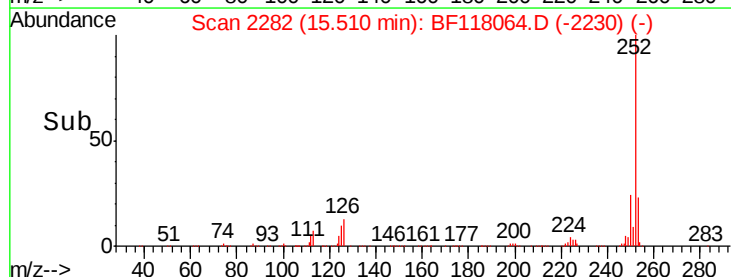
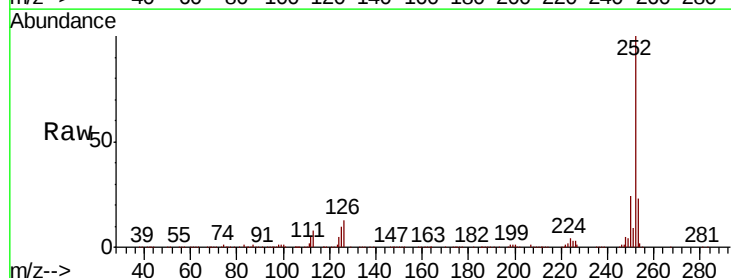
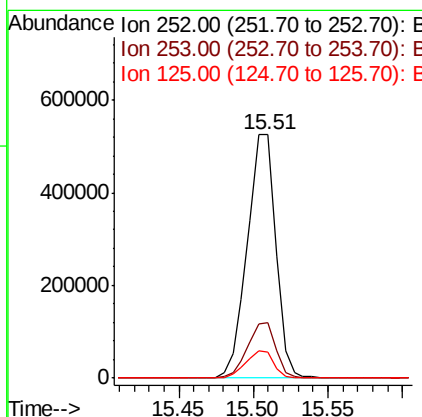
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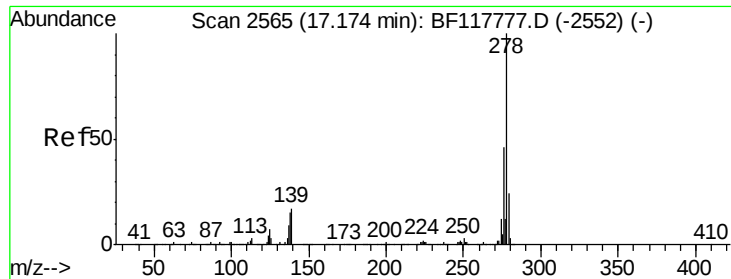
mohammad
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#90
Benzo(a)pyrene
Concen: 35.211 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	10.5	8.9	13.3





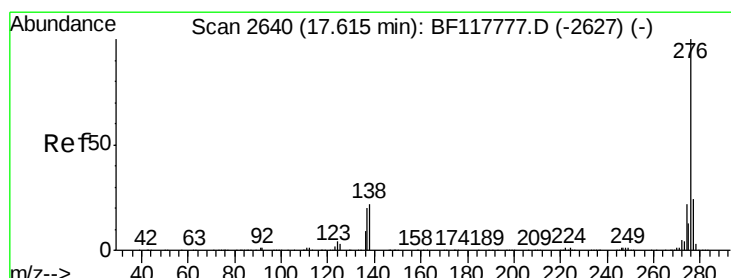
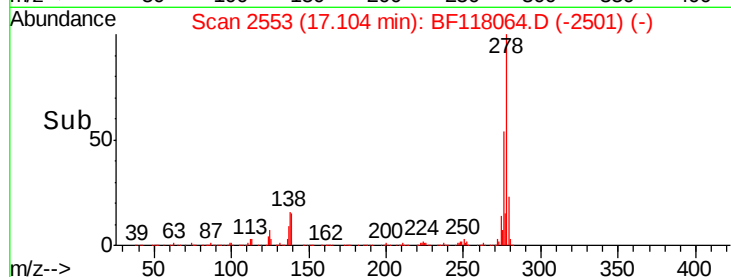
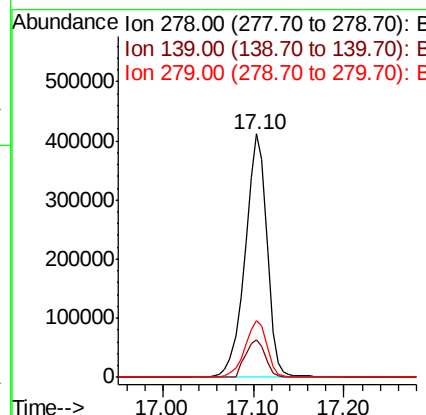
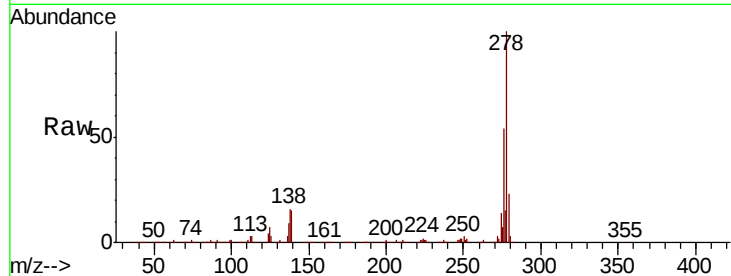
#91
Dibenzo(a,h)anthracene
Concen: 40.324 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.2	18.4
279	23.5	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 40.622 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF118064.D
Acq: 3 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.0	28.4
138	18.9	16.6	25.0

