

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118068.D
 Acq On : 3 Dec 2019 18:01
 Operator : JU
 Sample : K6069-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3MSD

Manual Integrations
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 12/4/2019 5:01:34 PM

Quant Time: Dec 04 00:47:56 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	6.87	152	125380	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	491664	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	262882	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	497377	20.00	ng	0.00
76) Chrysene-d12	14.07	240	341629	20.00	ng	0.00
87) Perylene-d12	15.57	264	328381	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	869059	122.69	ng	0.01
7) Phenol-d6	6.51	99	1111252	130.07	ng	0.00
23) Nitrobenzene-d5	7.44	82	683725	82.67	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	377526	135.65	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1401304	95.63	ng	0.00
79) Terphenyl-d14	13.01	244	1698635	90.87	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	117555	35.505	ng	98
3) Pyridine	3.45	79	282756	32.556	ng	99
4) n-Nitrosodimethylamine	3.39	42	145793	38.455	ng	98
6) Aniline	6.54	93	162761	14.417	ng	98
8) 2-Chlorophenol	6.66	128	363795	47.333	ng	98
9) Benzaldehyde	6.42	77	131196	20.082	ng	97
10) Phenol	6.52	94	438493	49.392	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	303508	42.572	ng	97
12) 1,3-Dichlorobenzene	6.82	146	395694	43.730	ng	97
13) 1,4-Dichlorobenzene	6.89	146	400298	43.766	ng	99
14) 1,2-Dichlorobenzene	7.05	146	376825	43.078	ng	98
15) Benzyl Alcohol	7.02	79	307551	46.627	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	370928	33.793	ng	99
17) 2-Methylphenol	7.13	107	290160	44.580	ng	97
18) Hexachloroethane	7.39	117	145616	43.339	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	230519	43.736	ng	99
20) 3+4-Methylphenols	7.28	107	369270	45.704	ng	96
22) Acetophenone	7.29	105	486231	44.018	ng	95
24) Nitrobenzene	7.46	77	358359	42.000	ng	92
25) Isophorone	7.70	82	636491	41.987	ng	99
26) 2-Nitrophenol	7.77	139	201506	48.521	ng	96
27) 2,4-Dimethylphenol	7.82	122	314479	48.732	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	397293	41.301	ng	99
29) 2,4-Dichlorophenol	8.02	162	307886	43.984	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	338970	41.748	ng	99
31) Naphthalene	8.19	128	1059300	46.216	ng	100
32) Benzoic acid	7.93	122	201274	37.250	ng	98
33) 4-Chloroaniline	8.23	127	61946	6.037	ng	98
34) Hexachlorobutadiene	8.30	225	195711	41.227	ng	98
35) Caprolactam	8.60	113	95778m	43.053	ng	
36) 4-Chloro-3-methylphenol	8.72	107	329298	46.354	ng	98
37) 2-Methylnaphthalene	8.88	142	723870	46.741	ng	98
38) 1-Methylnaphthalene	8.98	142	669408	45.721	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	324122	42.456	ng	99

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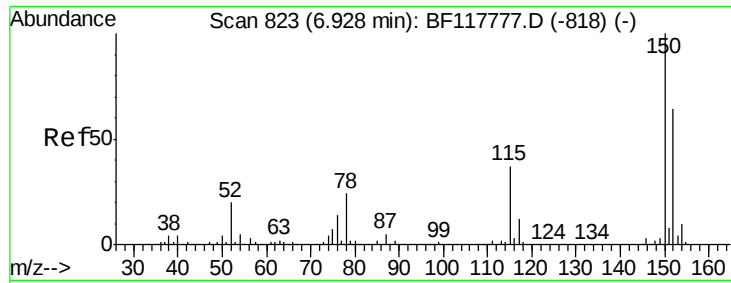
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Quant Time: Dec 04 00:47:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	345130	80.670	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	224266	41.013	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	239072	42.109	nq	99
46) 1,1'-Biphenyl	9.35	154	869857	44.600	nq	99
47) 2-Chloronaphthalene	9.37	162	676212	42.146	nq	98
48) 2-Nitroaniline	9.47	65	191449	39.524	nq	95
49) Acenaphthylene	9.79	152	1093681	46.754	nq	99
50) Dimethylphthalate	9.65	163	930871	50.496	nq	99
51) 2,6-Dinitrotoluene	9.71	165	185733	46.100	nq	95
52) Acenaphthene	9.96	154	633546	42.279	nq	98
53) 3-Nitroaniline	9.87	138	60368	12.522	nq	99
54) 2,4-Dinitrophenol	9.99	184	150603	73.406	nq	97
55) Dibenzofuran	10.13	168	951954	45.876	nq	99
56) 4-Nitrophenol	10.05	139	295503	82.119	nq	99
57) 2,4-Dinitrotoluene	10.12	165	245718	47.945	nq	# 85
58) Fluorene	10.48	166	748389	46.541	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	196312	42.083	nq	99
60) Diethylphthalate	10.35	149	794083	44.184	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	366146	44.869	nq	98
62) 4-Nitroaniline	10.50	138	195290	40.458	nq	99
63) Azobenzene	10.63	77	709198	43.374	nq	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	113838	49.027	nq	79
66) n-Nitrosodiphenylamine	10.59	169	666551	46.048	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	232461	43.316	nq	96
68) Hexachlorobenzene	11.03	284	267065	42.677	nq	94
69) Atrazine	11.12	200	202178	42.460	nq	98
70) Pentachlorophenol	11.23	266	277370	75.868	nq	99
71) Phenanthrene	11.45	178	1134528	45.369	nq	99
72) Anthracene	11.50	178	1160772	46.818	nq	100
73) Carbazole	11.65	167	1017472	46.962	nq	100
74) Di-n-butylphthalate	11.98	149	1254158	46.492	nq	100
75) Fluoranthene	12.64	202	1152461	51.736	nq	99
77) Benzidine	12.76	184	329826	29.474	nq	100
78) Pyrene	12.87	202	1163414	42.139	nq	100
80) Butylbenzylphthalate	13.49	149	522115	44.031	nq	98
81) Benzo(a)anthracene	14.06	228	966917	42.831	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	150704	19.084	nq	97
83) Chrysene	14.10	228	941012	43.017	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	724668	50.408	nq	98
85) Di-n-octyl phthalate	14.66	149	1124421	53.240	nq	99
86) Indeno(1,2,3-cd)pyrene	17.09	276	942926	50.645	nq	100
88) Benzo(b)fluoranthene	15.13	252	853549	40.007	nq	99
89) Benzo(k)fluoranthene	15.16	252	860550	42.808	nq	99
90) Benzo(a)pyrene	15.50	252	816314	43.512	nq	98
91) Dibenzo(a,h)anthracene	17.10	278	789570	48.897	nq	99
92) Benzo(g,h,i)perylene	17.54	276	793855	49.358	nq	99

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



#1

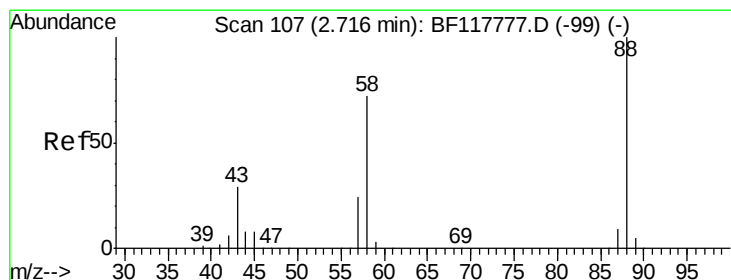
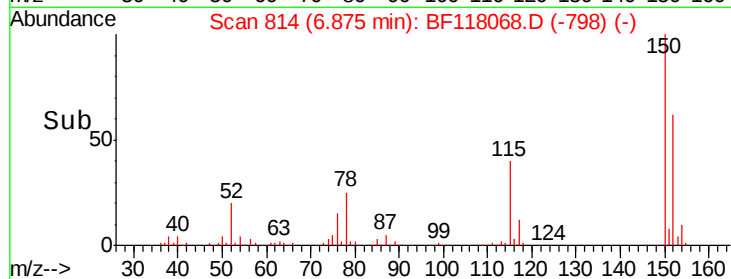
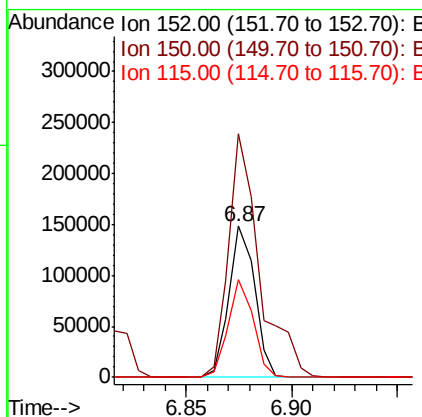
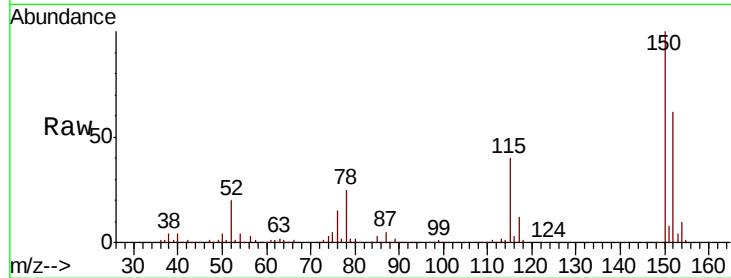
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	121.4	182.2
115	64.7	48.8	73.2

Manual Integrations
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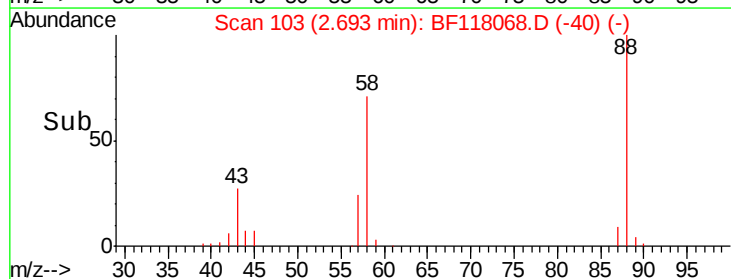
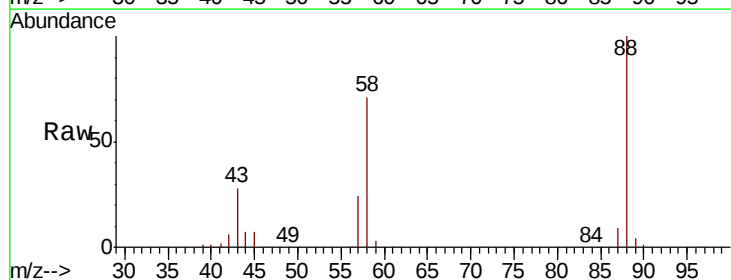
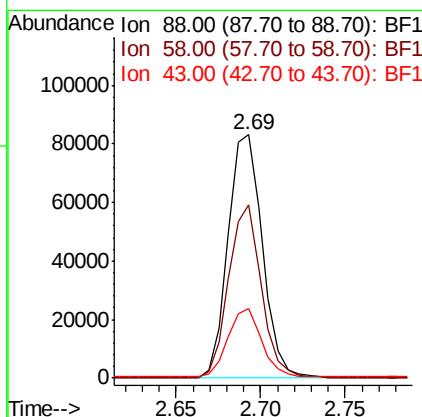
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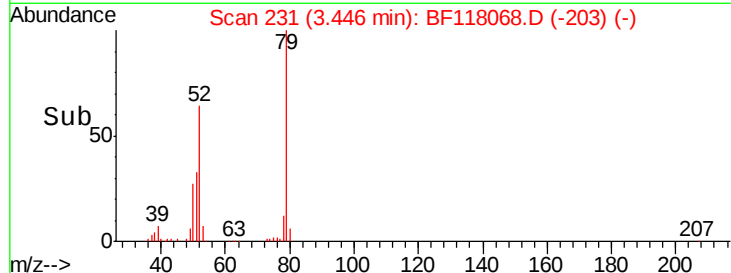
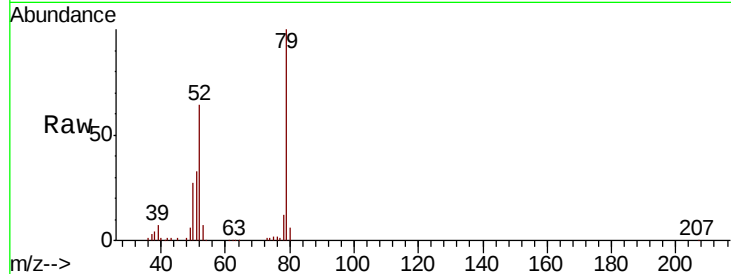
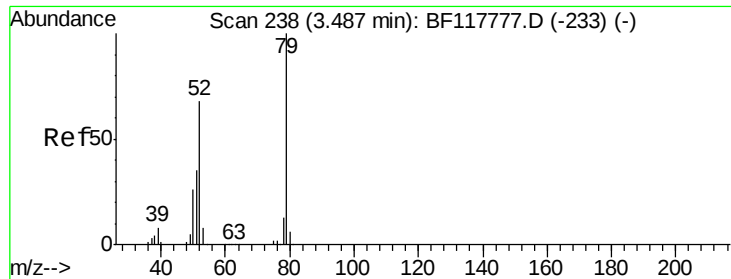


#2

1,4-Dioxane
Concen: 35.505 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.07 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	52.6	78.8
43	27.5	21.8	32.6





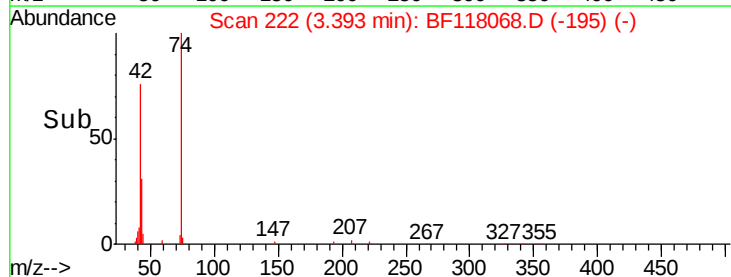
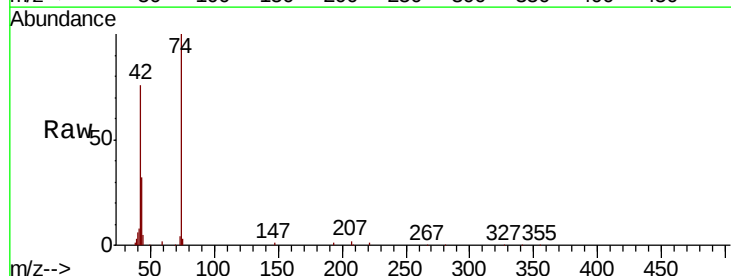
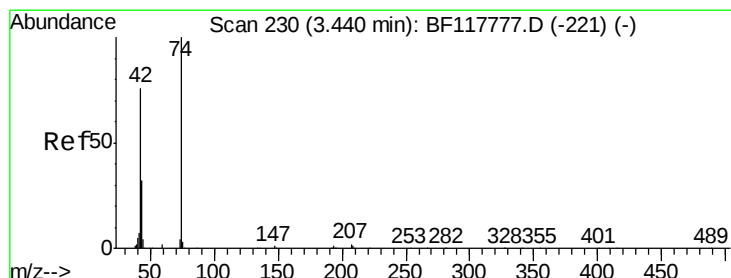
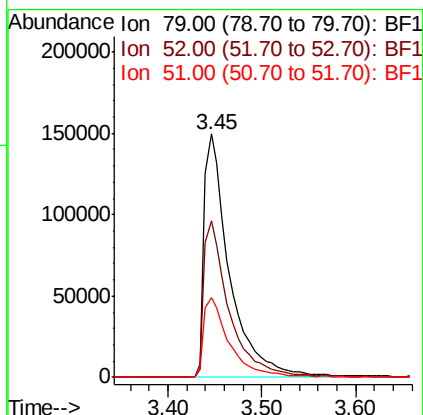
#3
Pvridine
Concen: 32.556 ng
RT: 3.45 min Scan# 231
Delta R.T. 0.06 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tot Ion	Ratio	Resp	Lower	Upper
79	100	282756		
52	64.1		50.6	75.8
51	32.6		26.8	40.2

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

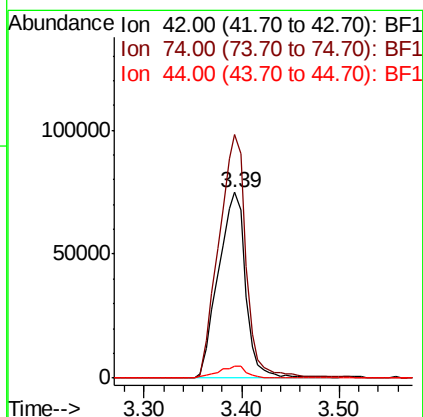
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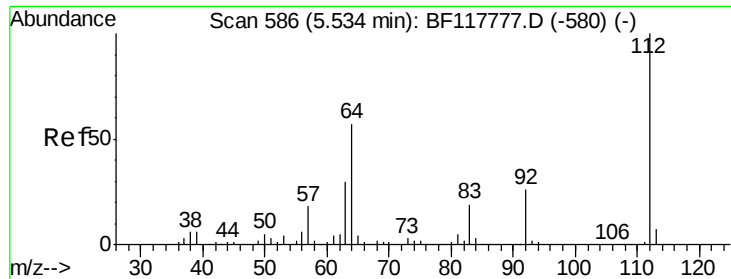
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#4
n-Nitrosodimethylamine
Concen: 38.455 ng
RT: 3.39 min Scan# 222
Delta R.T. 0.06 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	145793		
74	131.1		102.8	154.2
44	6.2		4.7	7.1





#5

2-Fluorophenol

Concen: 122.693 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

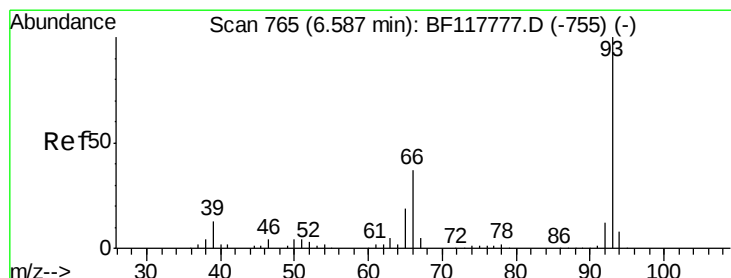
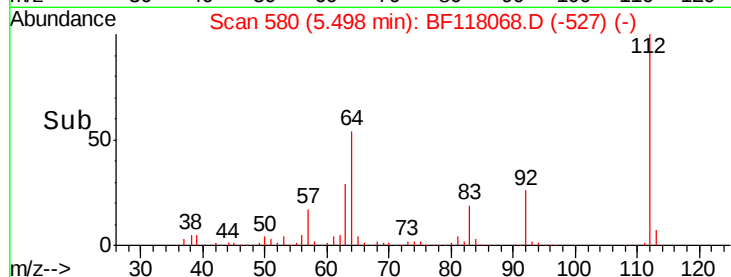
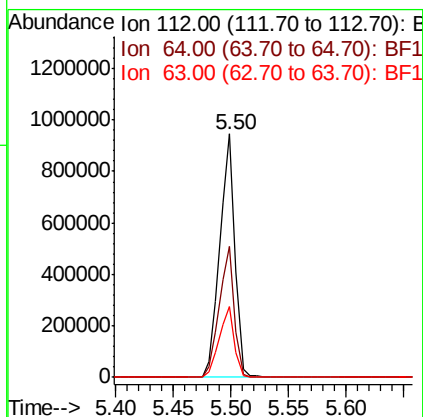
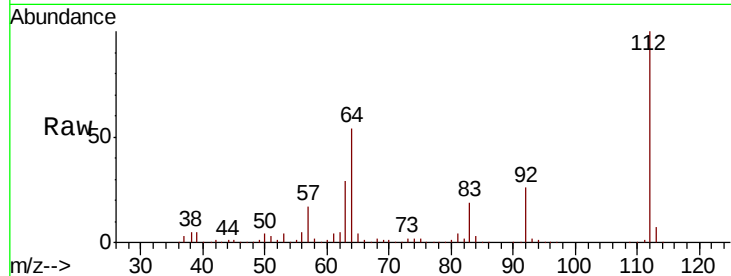
ClientSampleId :

SB-3MSD

Tot Ion:	112	Resp:	869059
Ion Ratio	Lower	Upper	
112	100		
64	53.7	45.1	67.7
63	29.1	24.6	37.0

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#6

Aniline

Concen: 14.417 ng

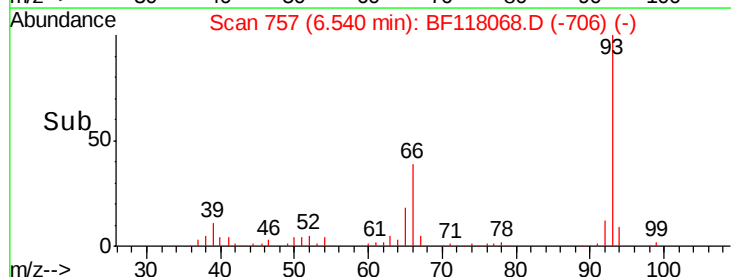
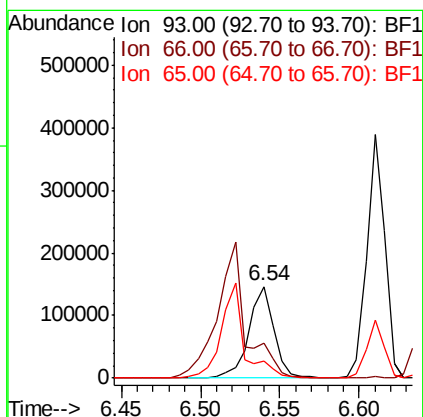
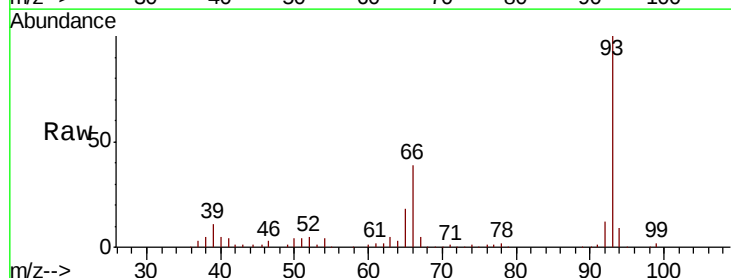
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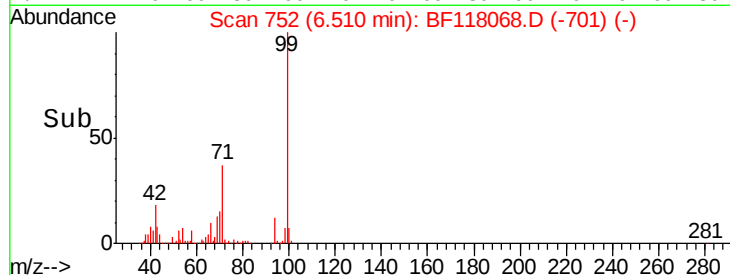
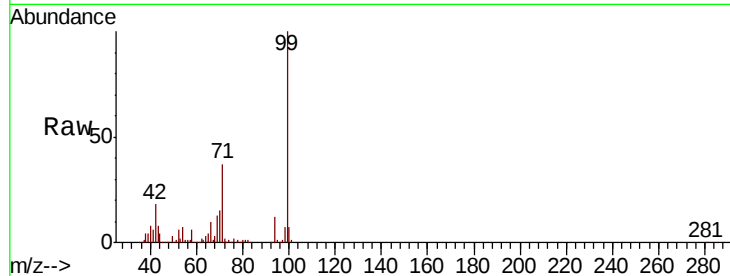
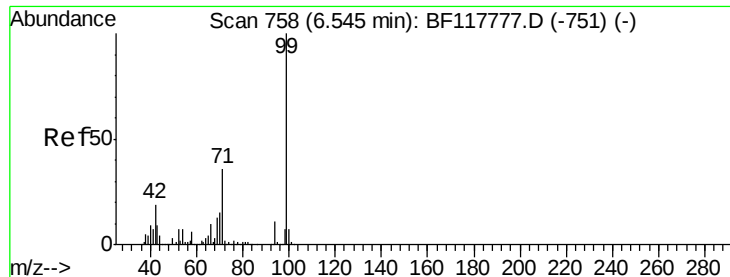
Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Tgt Ion:	93	Resp:	162761
Ion Ratio	Lower	Upper	
93	100		
66	38.5	31.0	46.6
65	18.1	15.8	23.8





#7

Phenol-d6

Concen: 130.070 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Tot Ion: 99 Resp: 1111252

Ion Ratio Lower Upper

99 100

42 17.8 14.0 21.0

71 36.6 29.2 43.8

Instrument :

BNA_F

ClientSampleId :

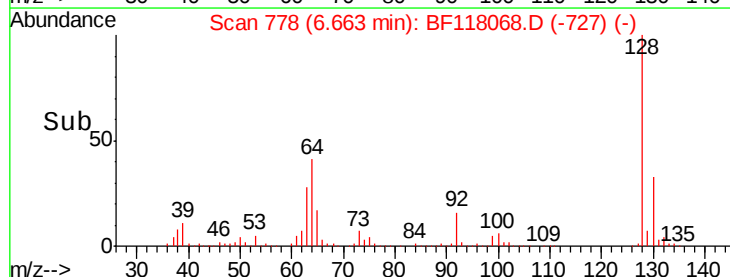
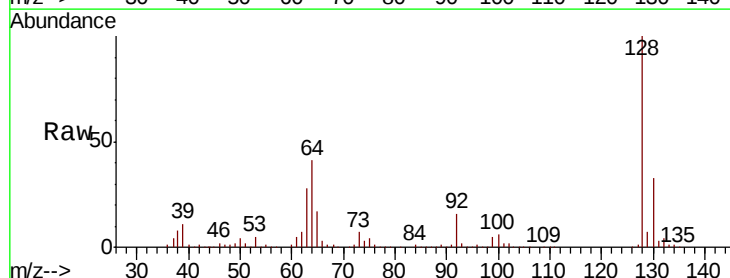
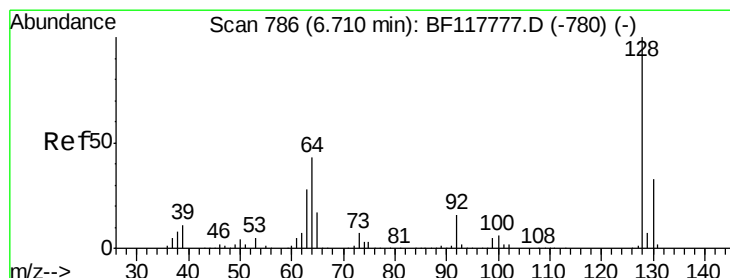
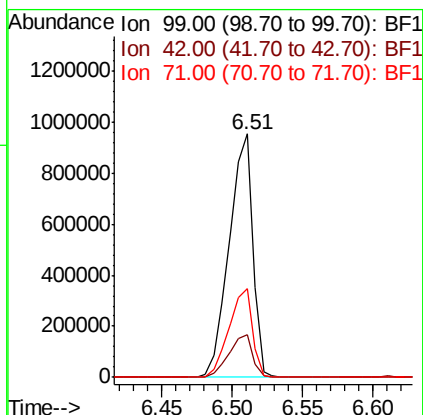
SB-3MSD

Manual Integrations

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#8

2-Chlorophenol

Concen: 47.333 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

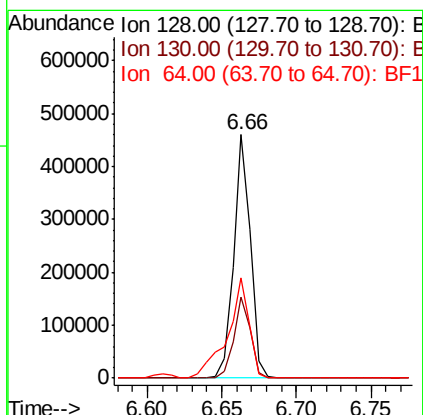
Tgt Ion:128 Resp: 363795

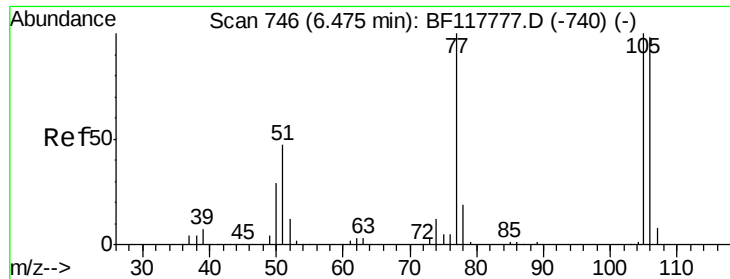
Ion Ratio Lower Upper

128 100

130 33.1 12.4 52.4

64 41.2 23.2 63.2





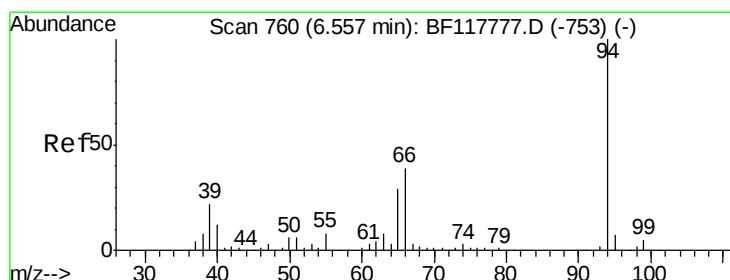
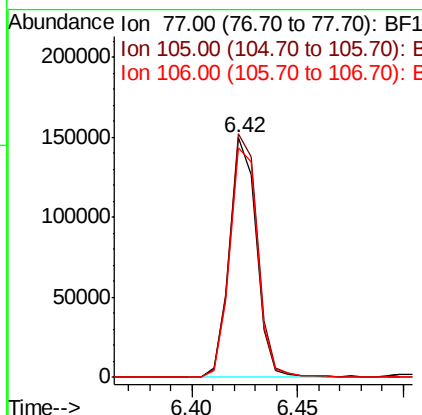
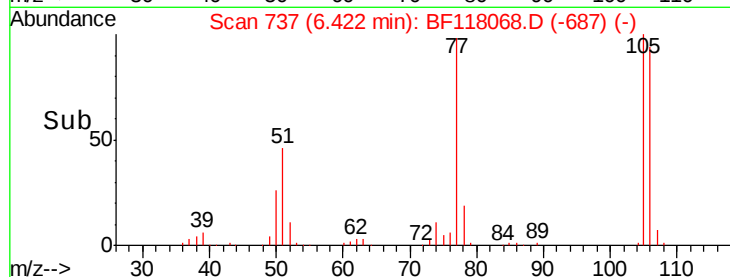
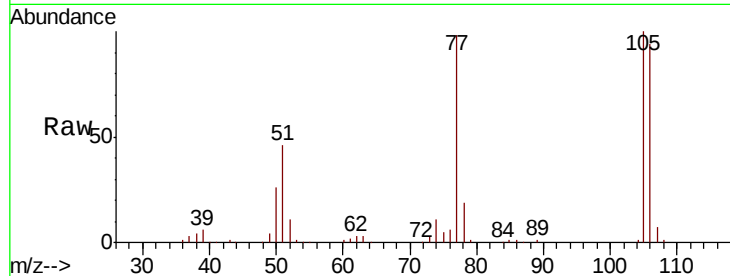
#9
Benzaldehyde
Concen: 20.082 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.6	83.3	123.3
106	96.0	80.9	120.9

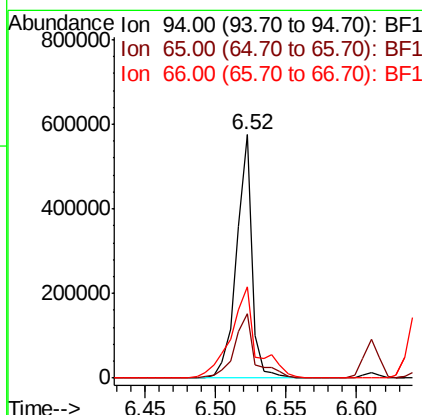
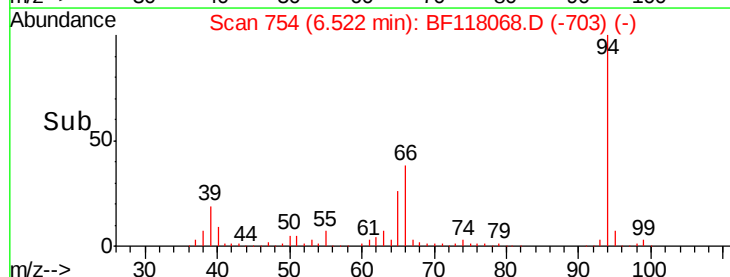
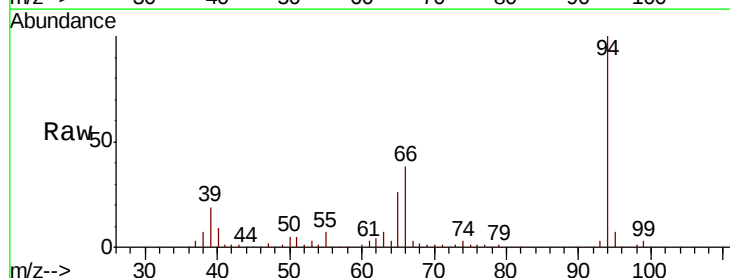
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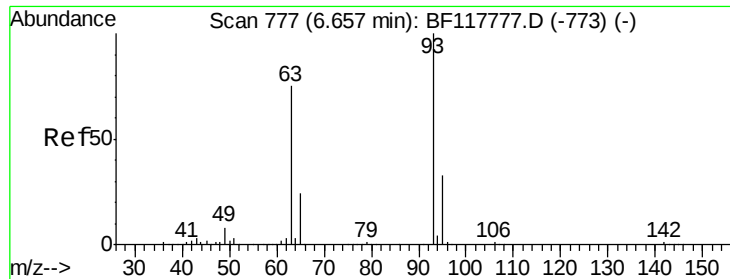
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#10
Phenol
Concen: 49.392 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.9	46.9
66	37.8	18.6	58.6





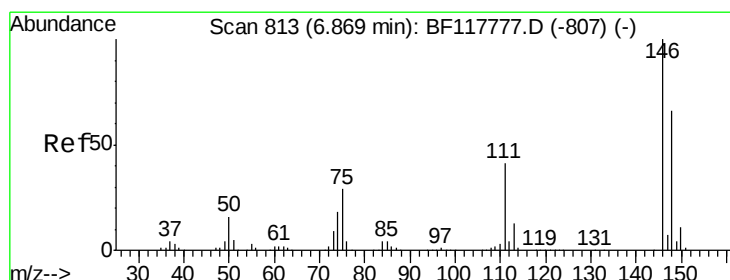
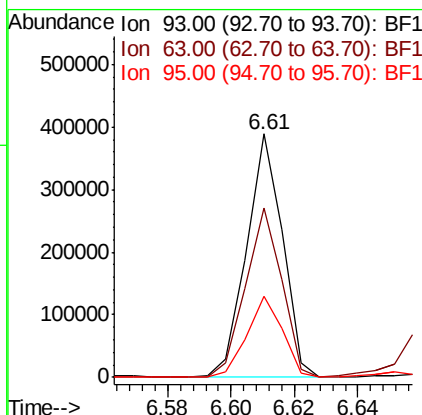
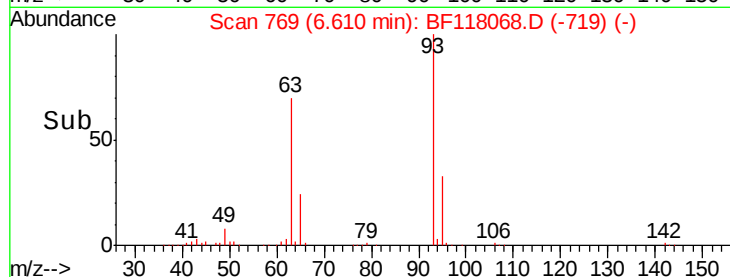
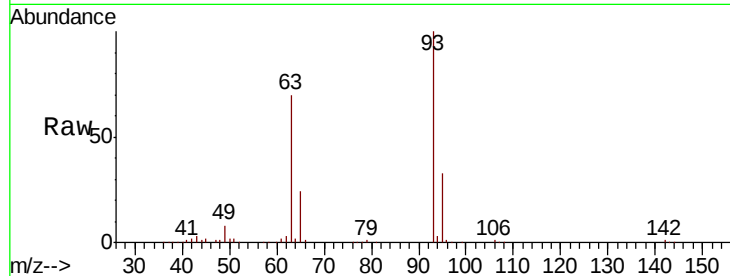
#11
bis(2-Chloroethyl)ether
Concen: 42.572 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.6	46.8	86.8
95	33.0	12.0	52.0

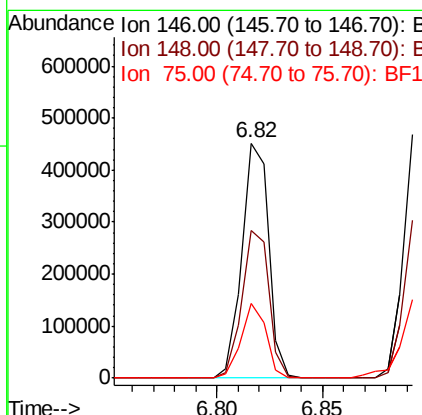
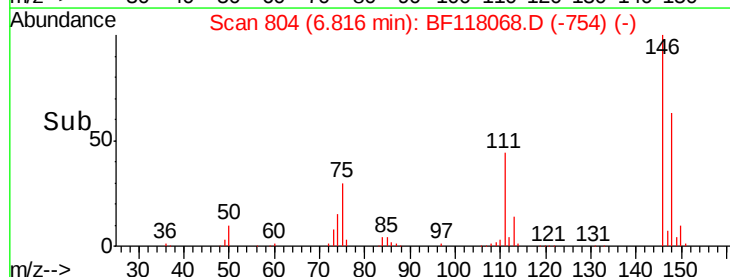
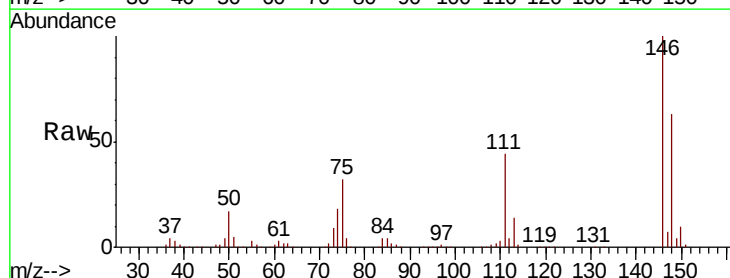
Manual Integrations
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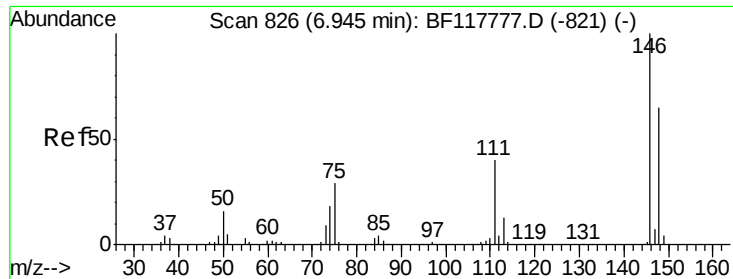
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.730 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.7	79.1
75	31.7	24.5	36.7





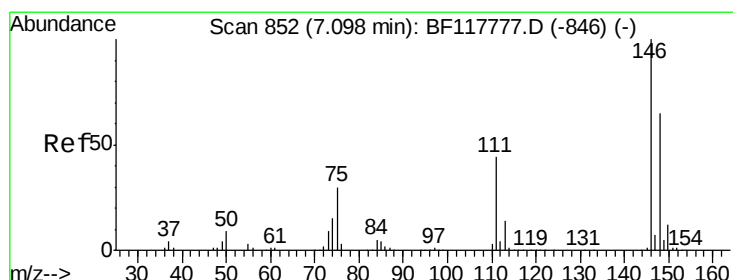
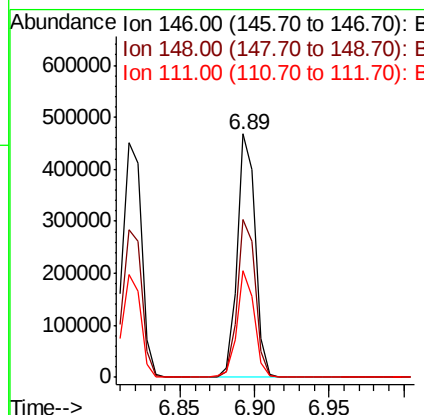
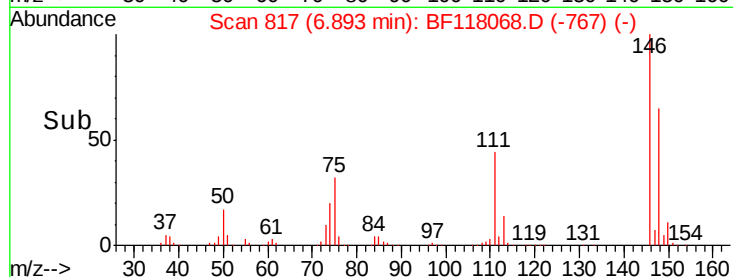
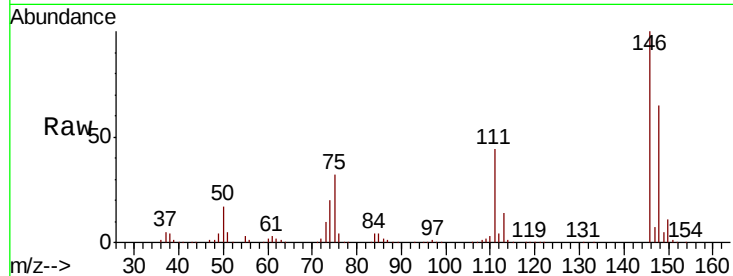
#13
 1,4-Dichlorobenzene
 Concen: 43.766 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-3MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	43.8	34.6	51.8

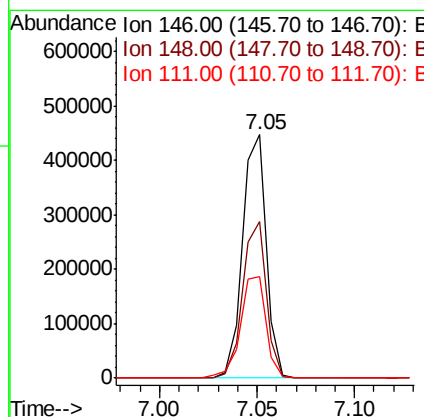
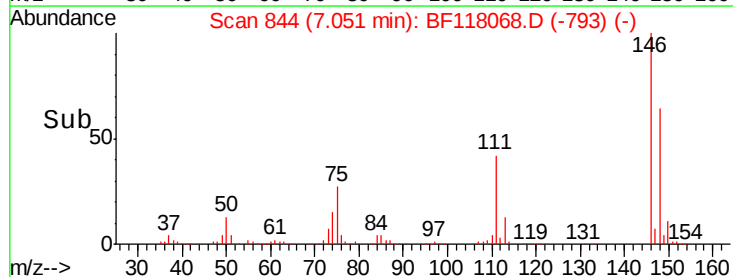
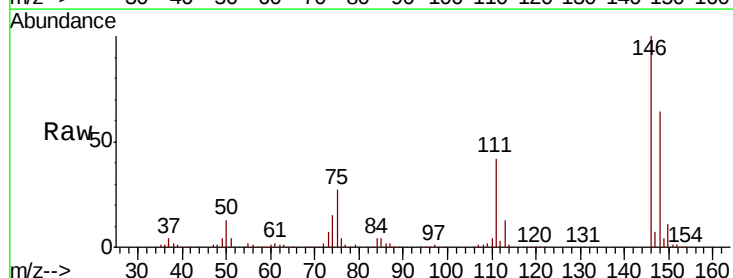
Manual Integrations
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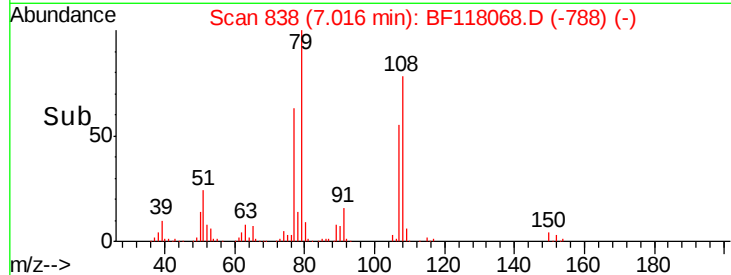
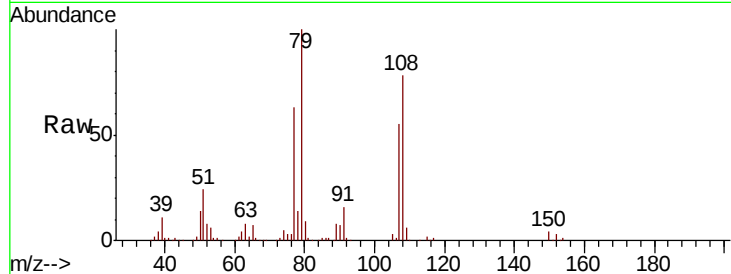
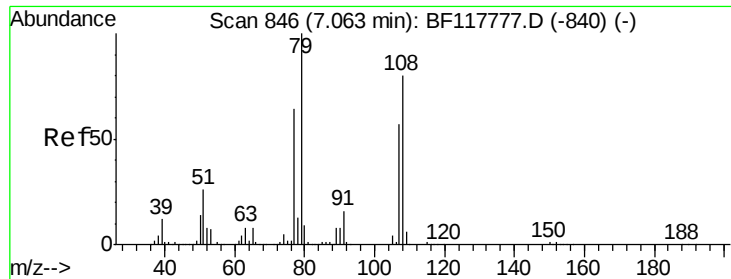
mohammad
 12/4/2019 5:01:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.078 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
111	41.5	35.8	53.8





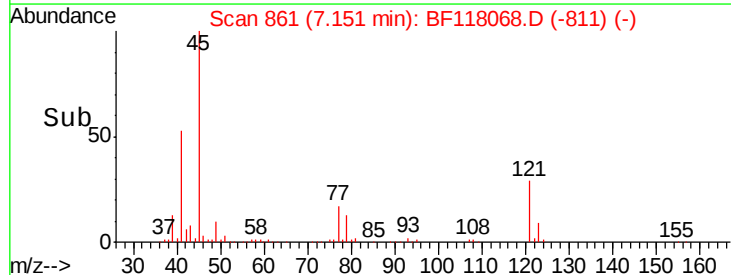
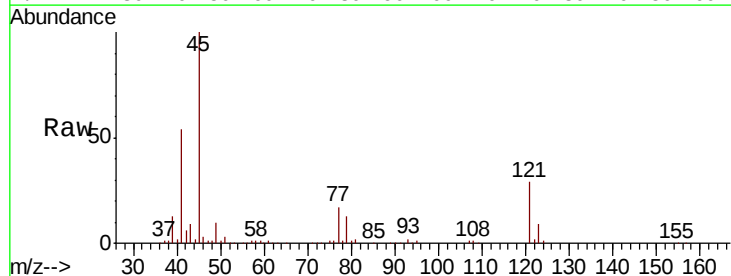
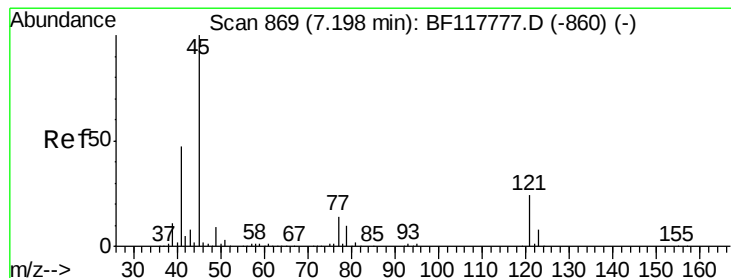
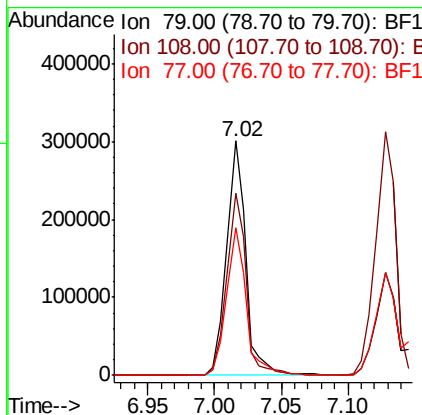
#15
Benzyl Alcohol
Concen: 46.627 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tot Ion	Ratio	Resp	Lower	Upper
79	100	307551		
108	77.9	63.1	94.7	
77	63.0	50.6	76.0	

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

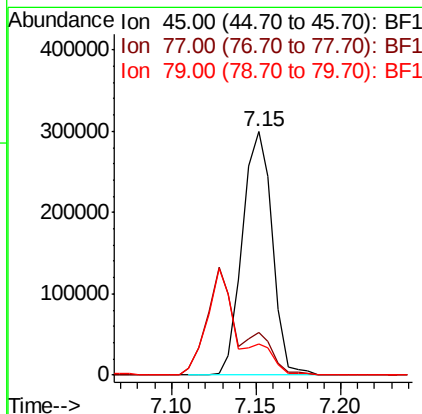
Manual Integrations
APPROVED

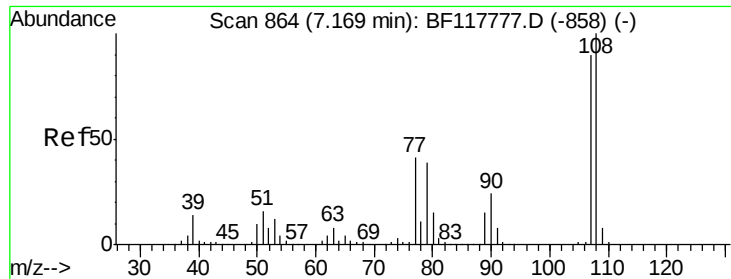
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.793 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	370928		
77	17.3	0.0	36.8	
79	13.0	0.0	33.5	





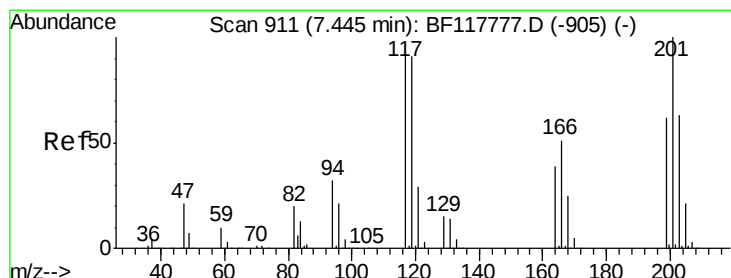
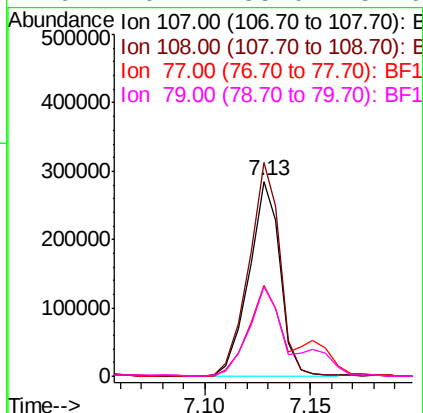
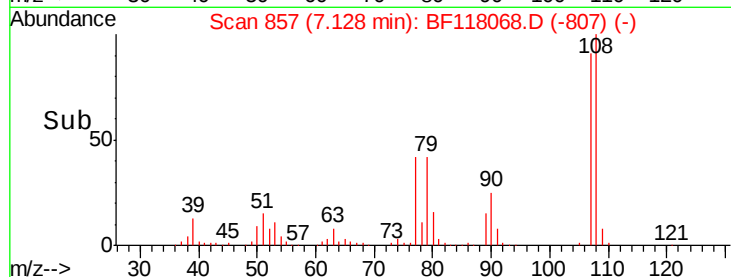
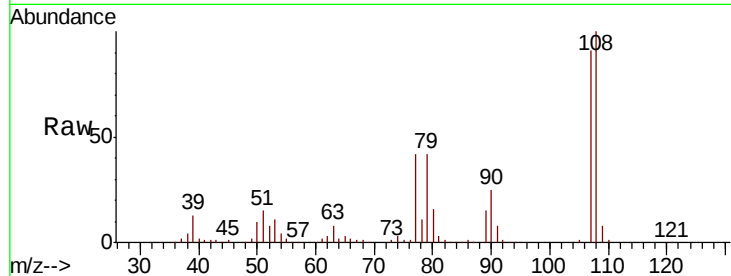
#17
2-Methylphenol
Concen: 44.580 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	89.8	134.8	
77	46.5	35.0	52.6	
79	46.1	35.0	52.6	

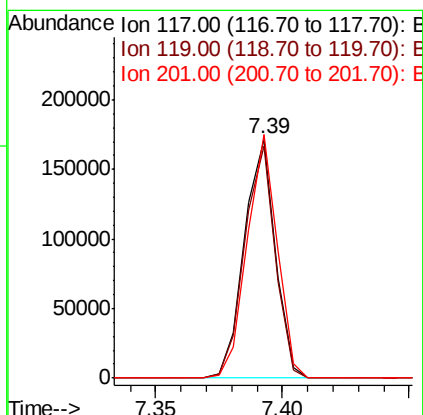
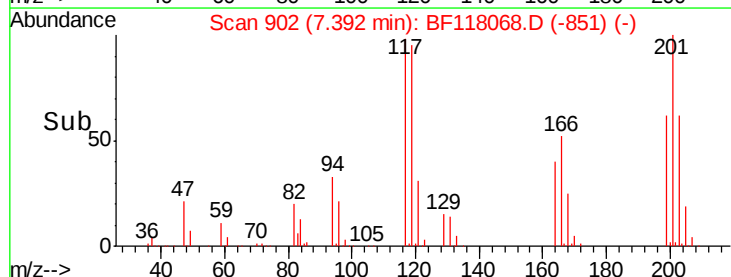
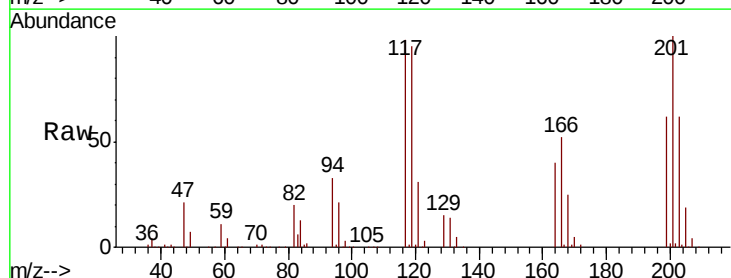
Manual Integrations
APPROVED

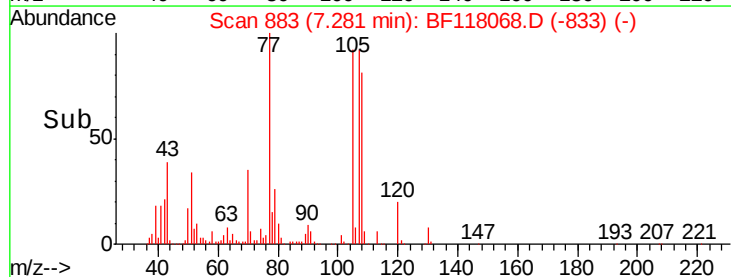
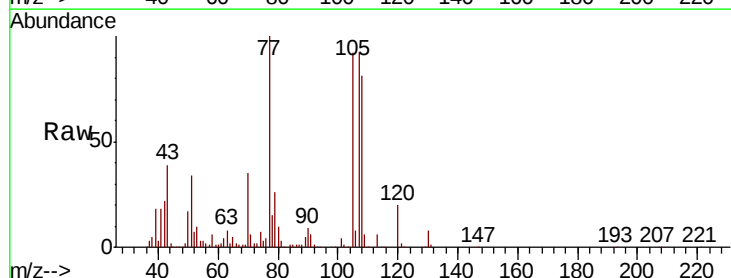
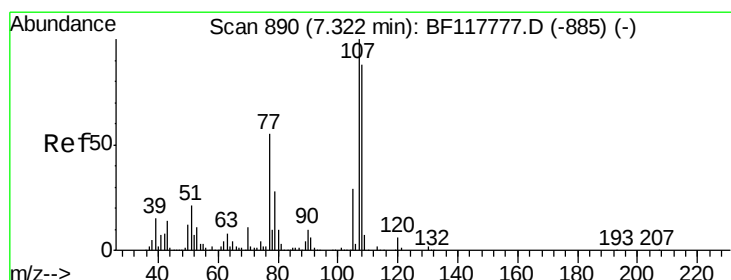
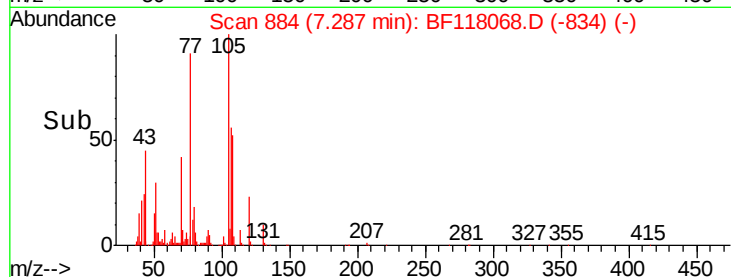
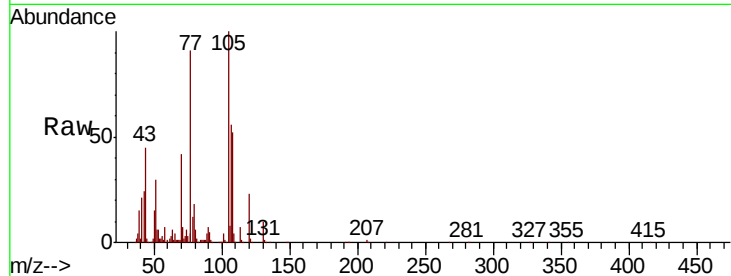
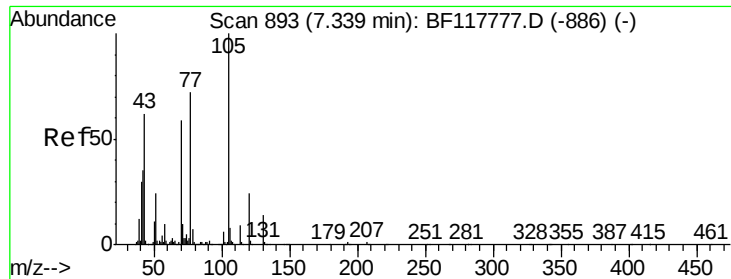
mohammad
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#18
Hexachloroethane
Concen: 43.339 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	76.4	114.6	
201	102.1	71.7	107.5	





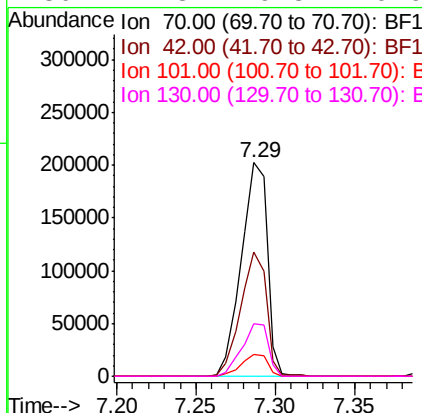
#19
n-Nitroso-di-n-propylamine
Concen: 43.736 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.9	46.0	69.0
101	10.2	8.8	13.2
130	24.3	19.8	29.6

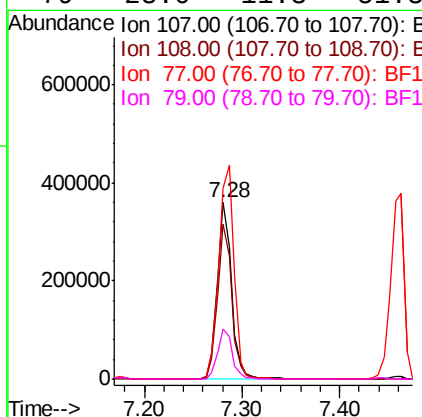
Manual Integrations
APPROVED

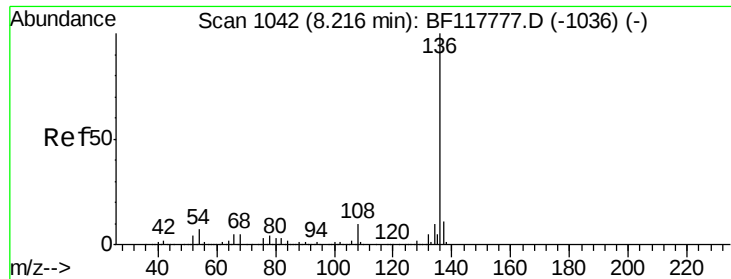
mohammad
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#20
3+4-Methylphenols
Concen: 45.704 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	71.9	111.9
77	108.1	91.6	131.6
79	28.0	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

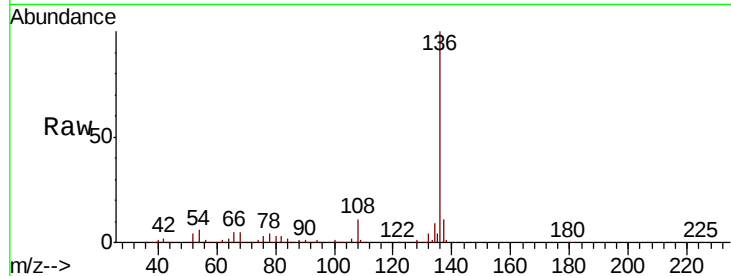
ClientSampleId :

SB-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	491664		
137	11.3	9.1	13.7	
54	6.4	4.9	7.3	
68	4.8	3.6	5.4	

Manual Integrations
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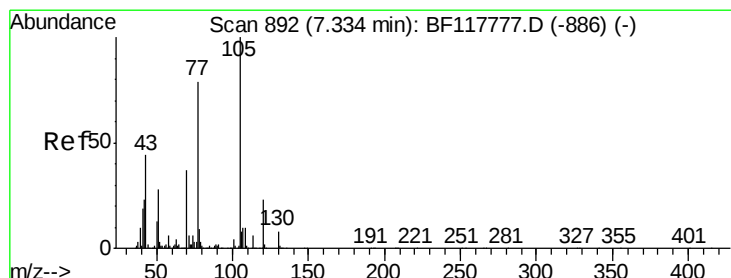
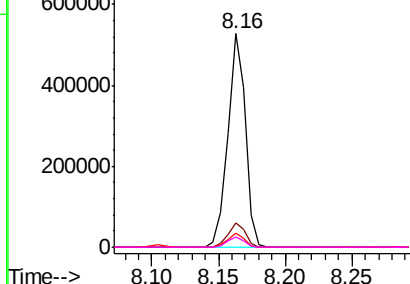
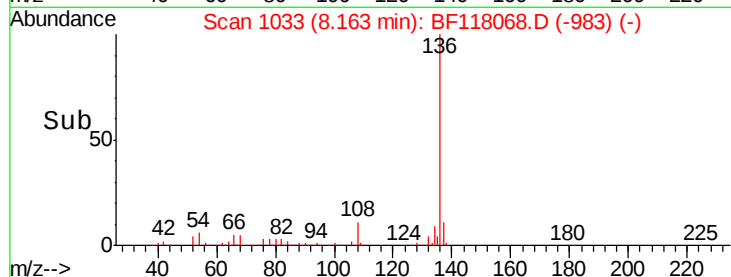
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.018 ng

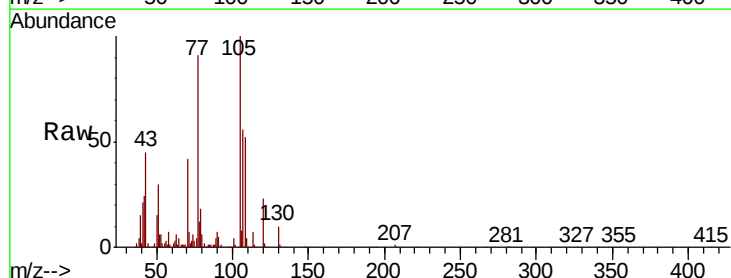
RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	486231		
71	7.0	5.9	8.9	
51	29.8	20.2	30.2	
120	22.6	17.9	26.9	



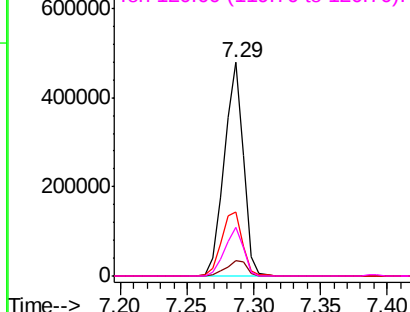
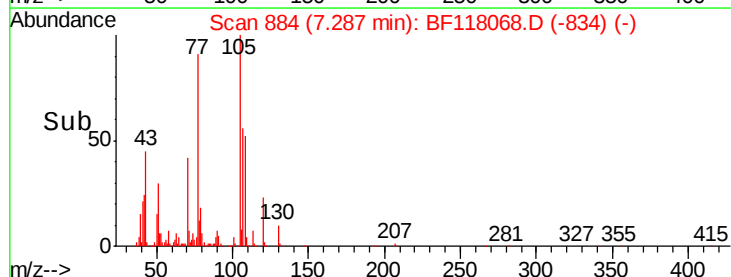
Abundance

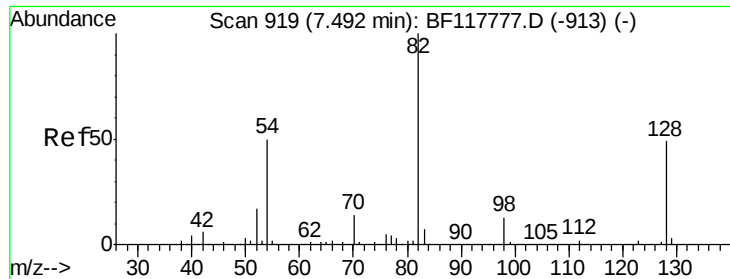
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





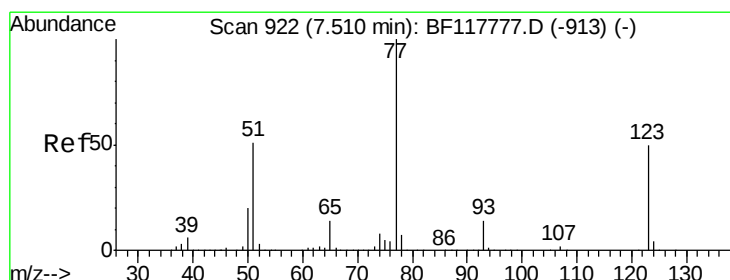
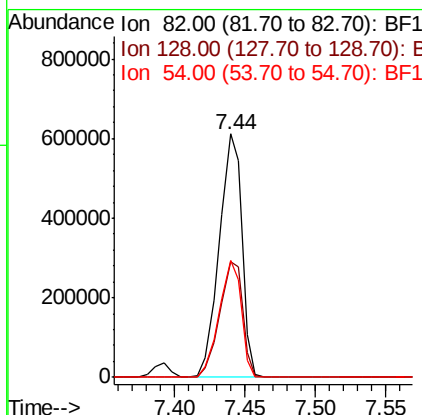
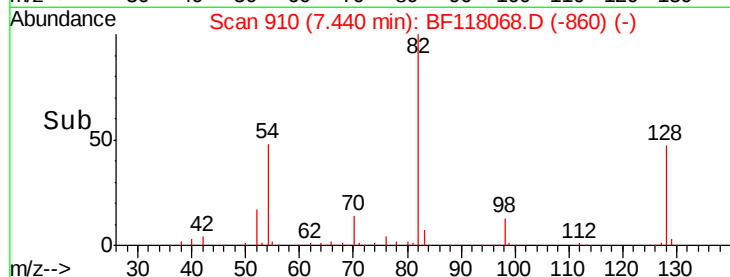
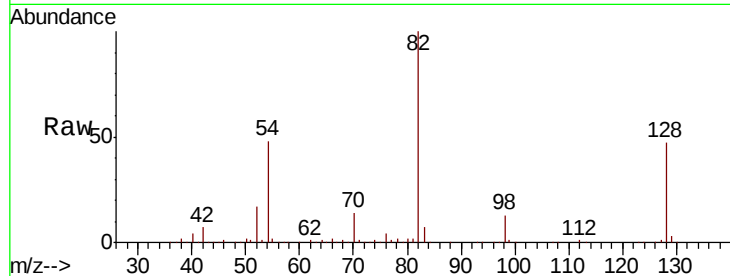
#23
Nitrobenzene-d5
Concen: 82.668 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampled :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.2	57.4
54	48.2	39.0	58.4

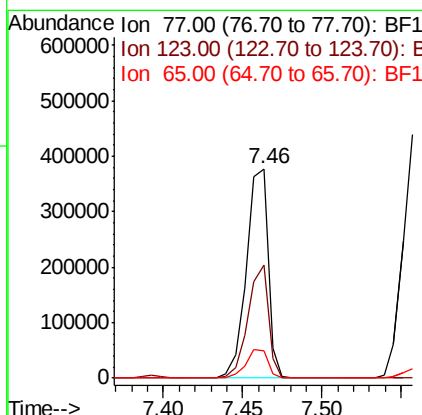
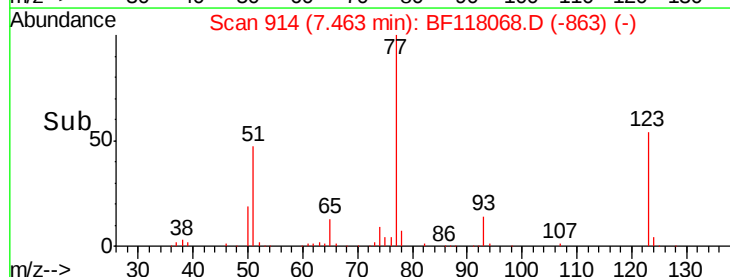
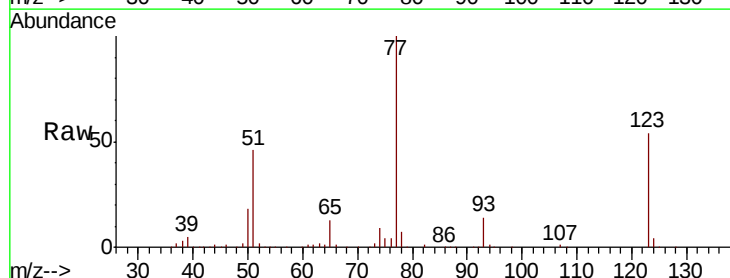
Manual Integrations
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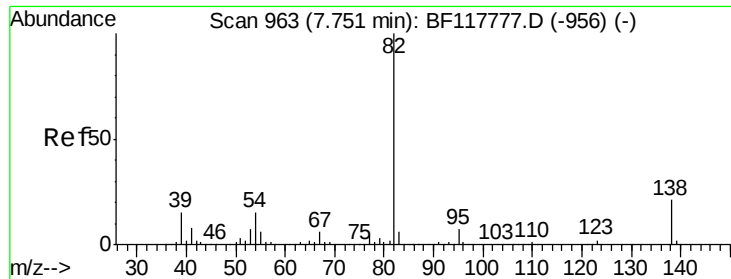
mohammad
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#24
Nitrobenzene
Concen: 42.000 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.0	38.2	57.2
65	12.9	11.1	16.7





#25

Isophorone

Concen: 41.987 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

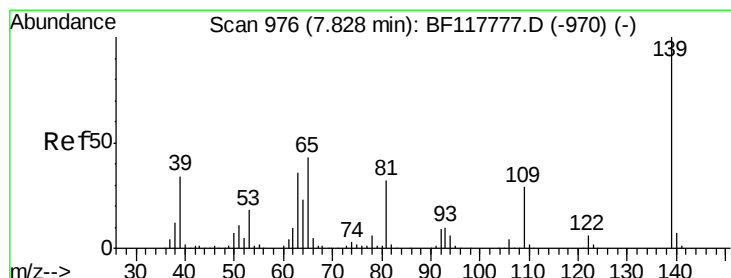
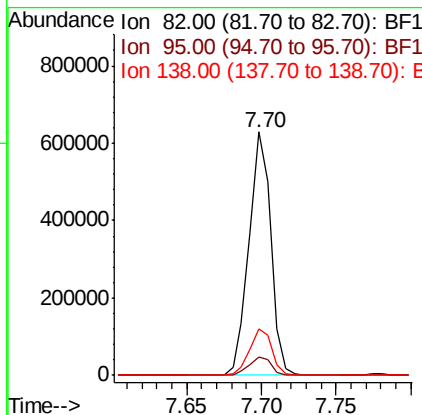
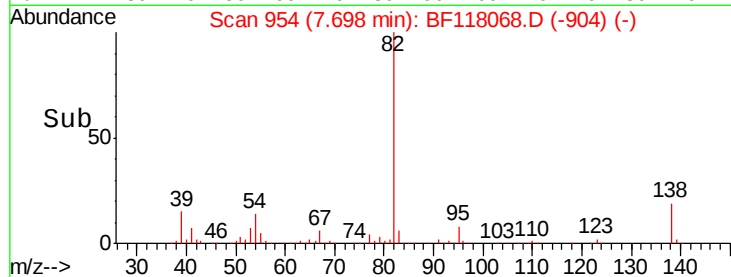
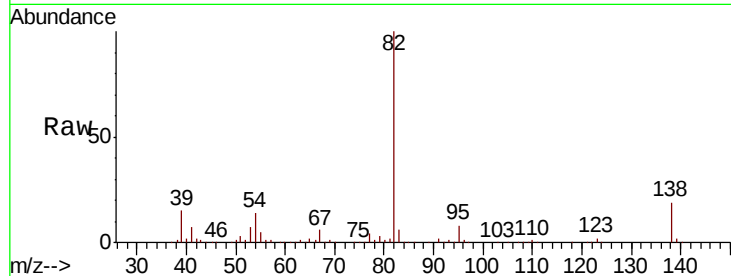
ClientSampleId :

SB-3MSD

Tot Ion:	82	Resp:	636491
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.2	9.2
138	19.1	15.9	23.9

Manual Integrations
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mohammad
12/4/2019 5:01:34 PM



#26

2-Nitrophenol

Concen: 48.521 ng

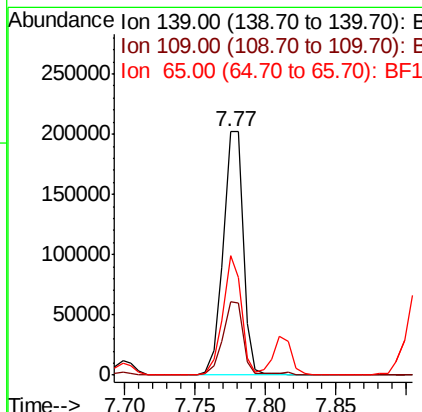
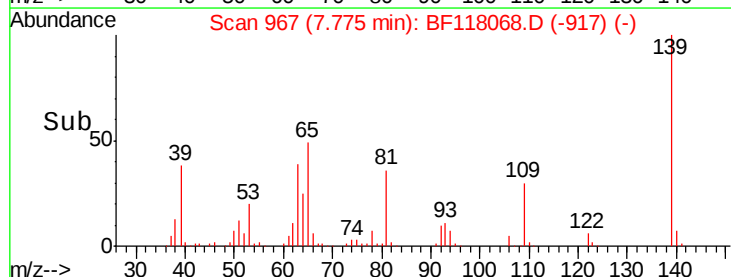
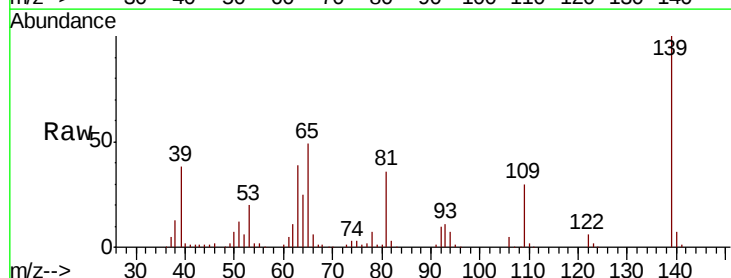
RT: 7.77 min Scan# 967

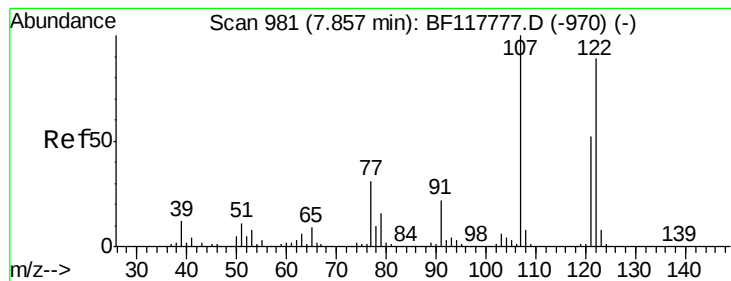
Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Tgt Ion:	139	Resp:	201506
Ion Ratio	Lower	Upper	
139	100		
109	30.2	23.8	35.6
65	49.0	36.2	54.4





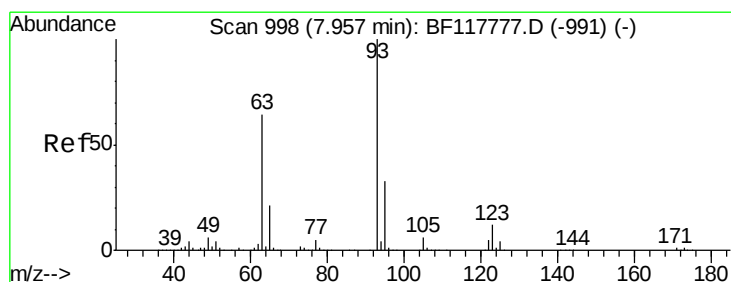
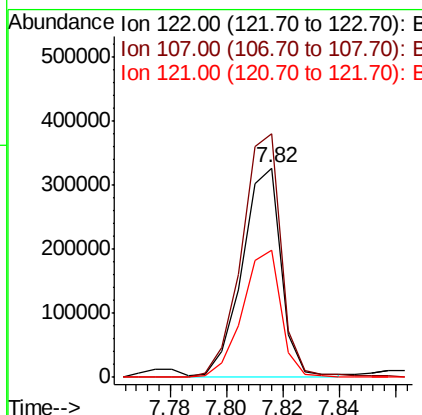
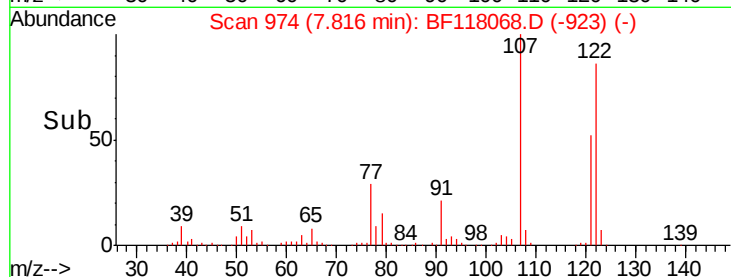
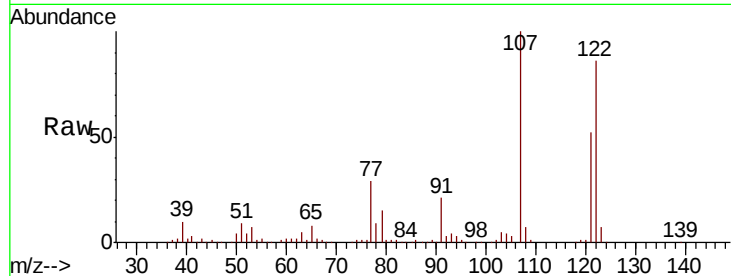
#27
2,4-Dimethylphenol
Concen: 48.732 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampled :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	92.6	138.8
121	60.9	46.9	70.3

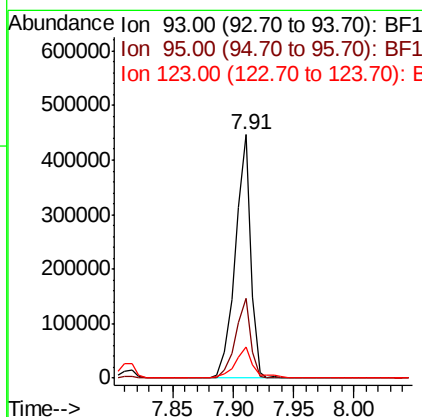
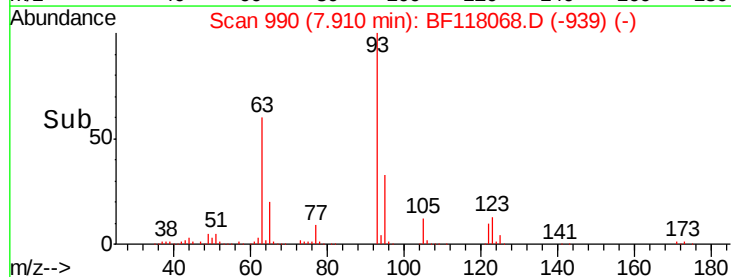
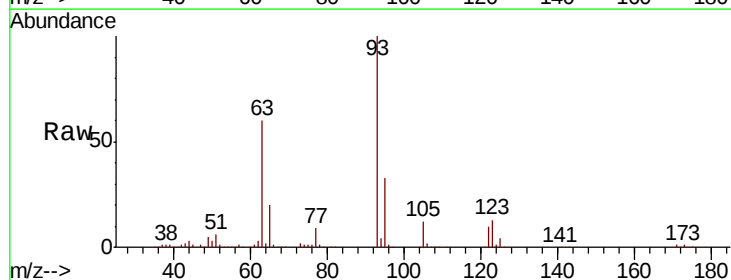
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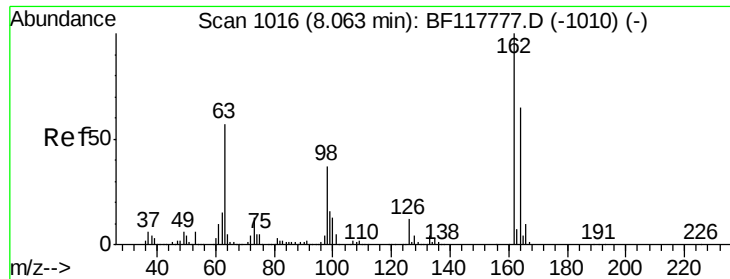
mohammad
12/4/2019 5:01:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.301 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

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





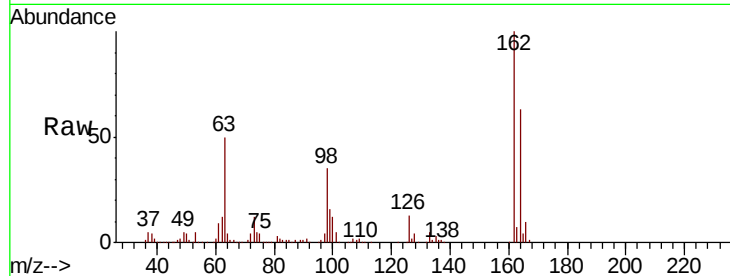
#29
2,4-Dichlorophenol
Concen: 43.984 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	307886		
164	63.2	42.9	82.9	
98	35.4	16.7	56.7	

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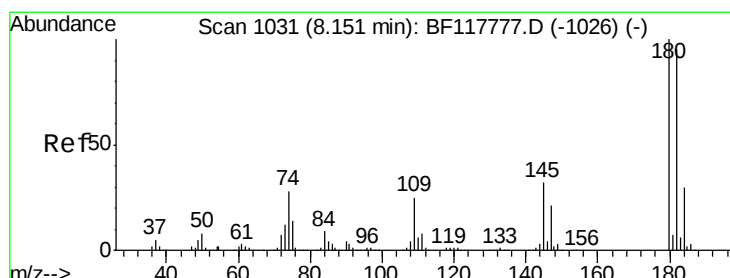
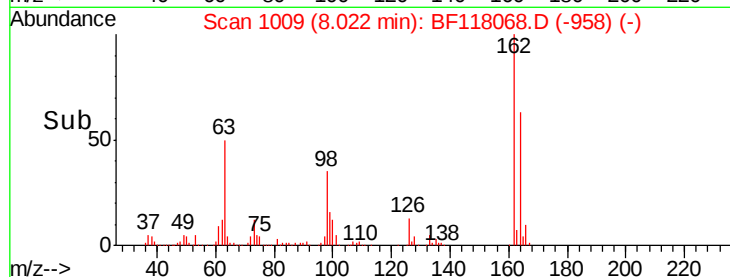
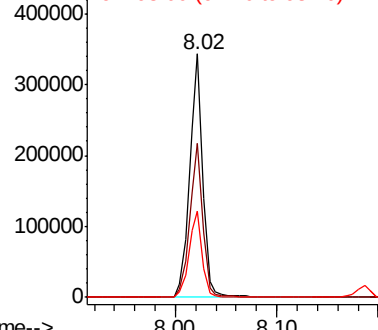


Abundance

Ion 162.00 (161.70 to 162.70): E

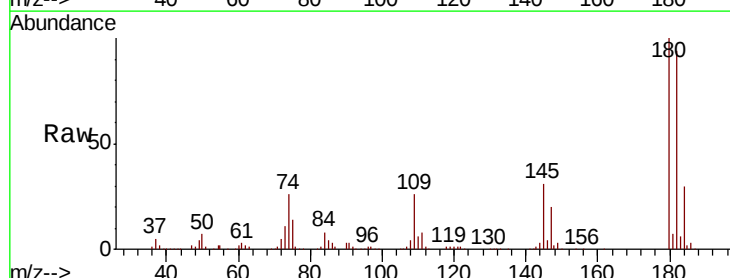
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.748 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	338970		
182	94.3	76.6	114.8	
145	31.3	25.1	37.7	

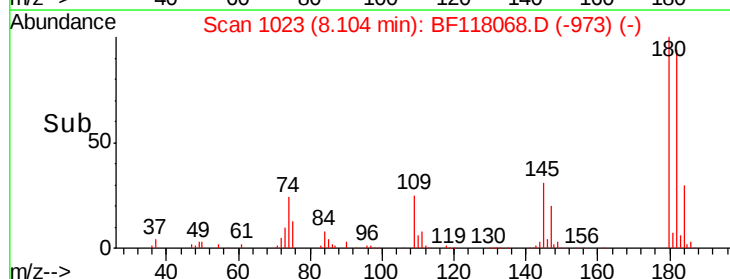
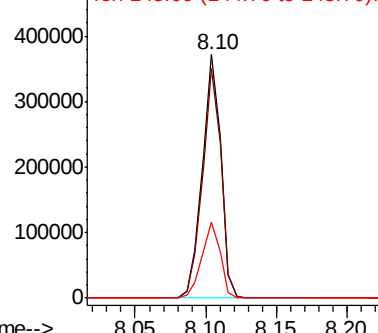


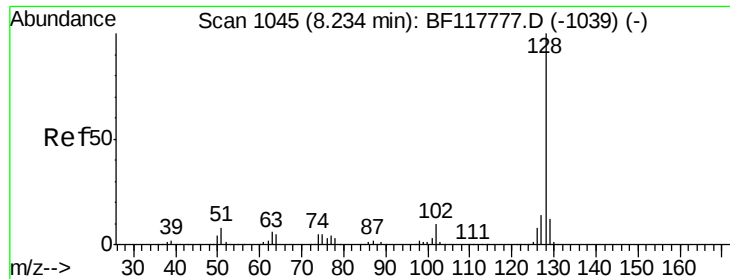
Abundance

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





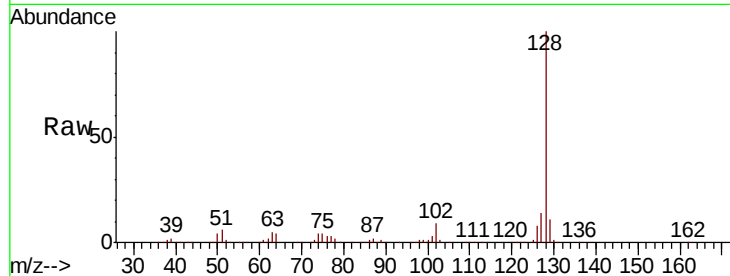
#31
Naphthalene
Concen: 46.216 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.5	10.6	16.0

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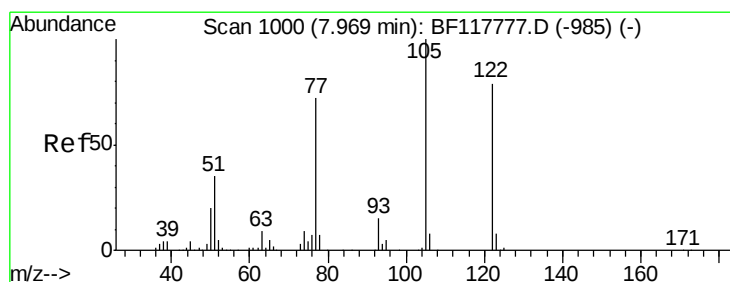
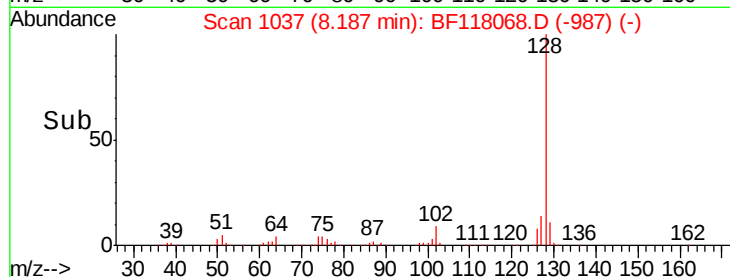
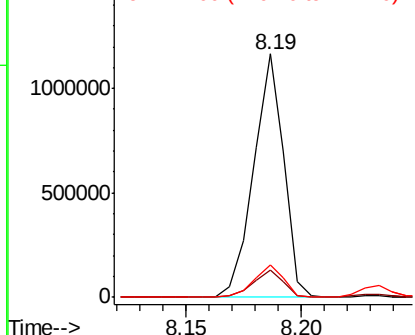


Abundance

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: 37.250 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

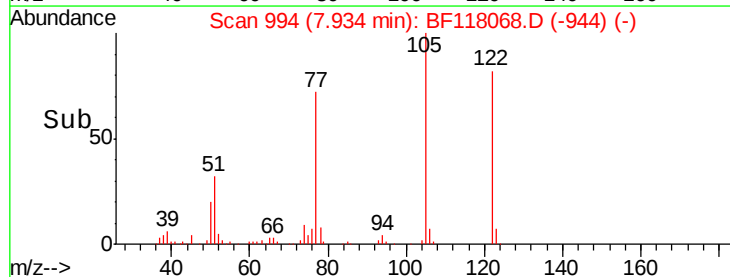
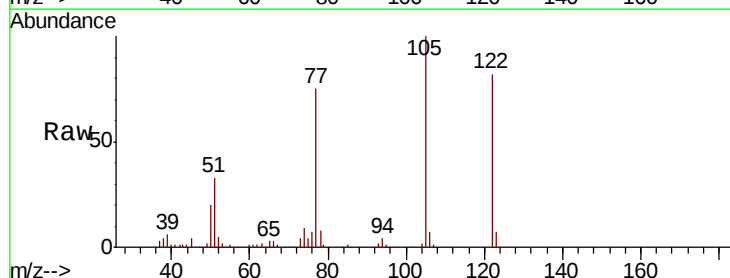
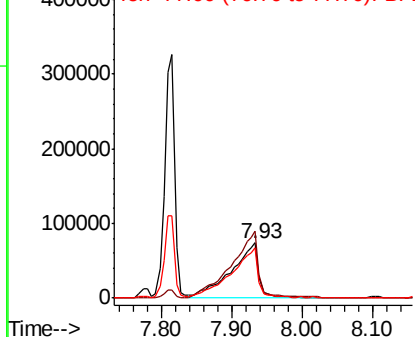
Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.5	101.4	141.4
77	91.0	66.4	106.4

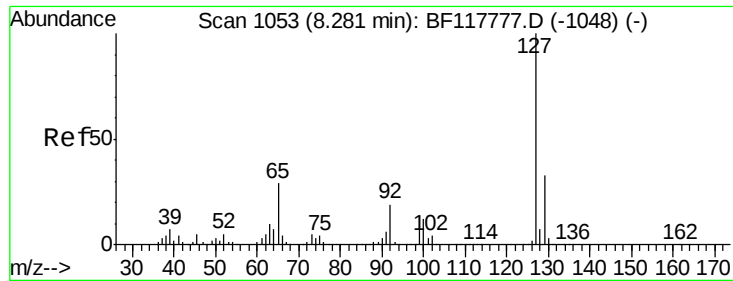
Abundance

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





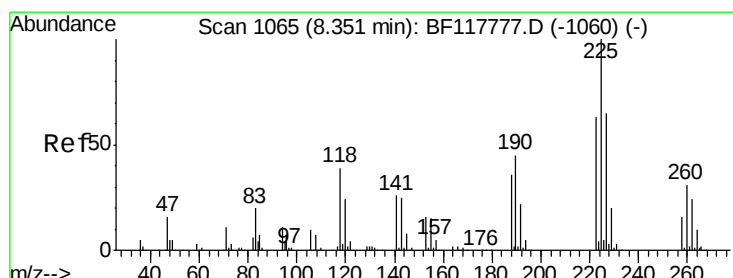
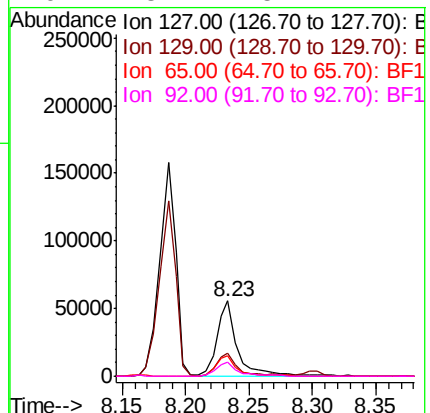
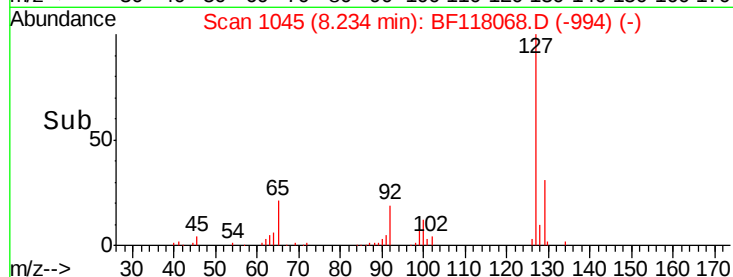
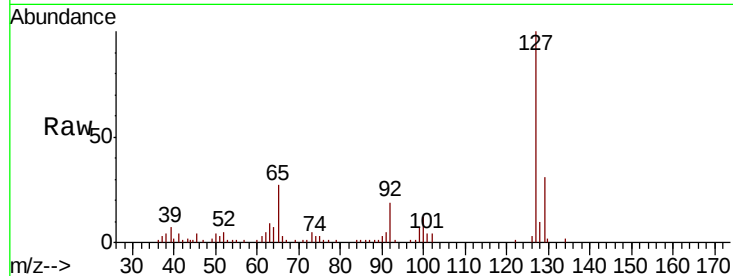
#33
4-Chloroaniline
Concen: 6.037 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.4	38.0
65	26.8	23.4	35.0
92	18.7	15.1	22.7

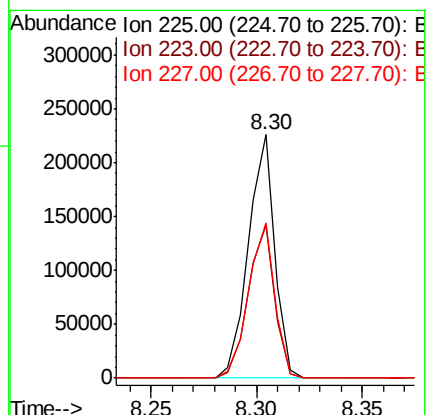
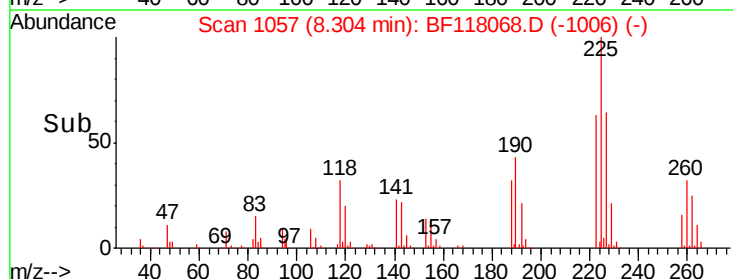
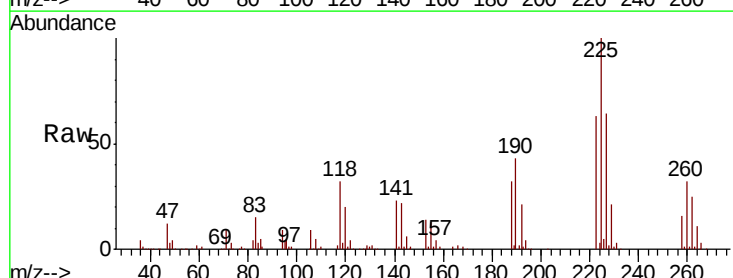
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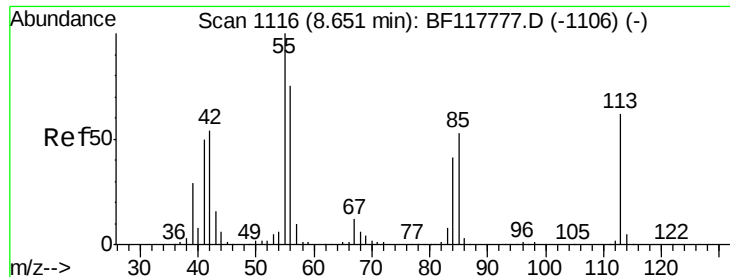
mohammad
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#34
Hexachlorobutadiene
Concen: 41.227 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.4	77.2
227	63.7	52.6	78.8





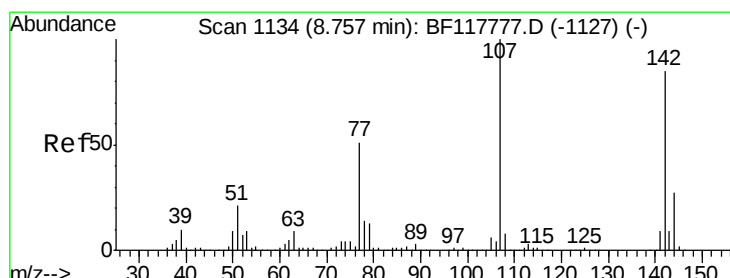
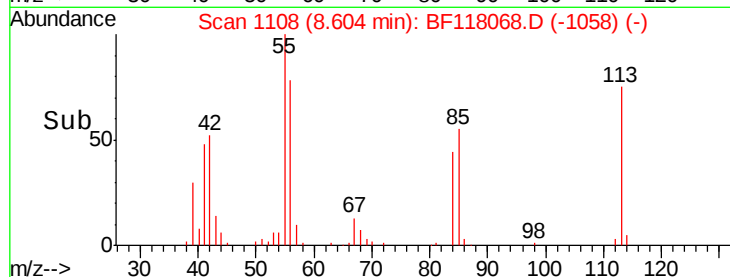
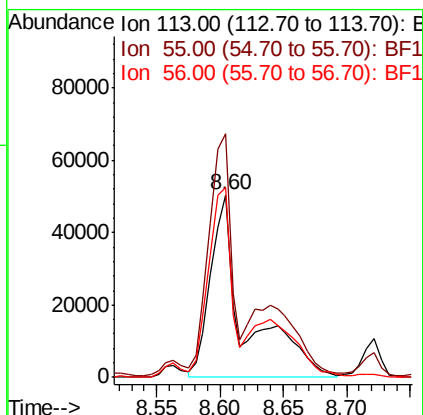
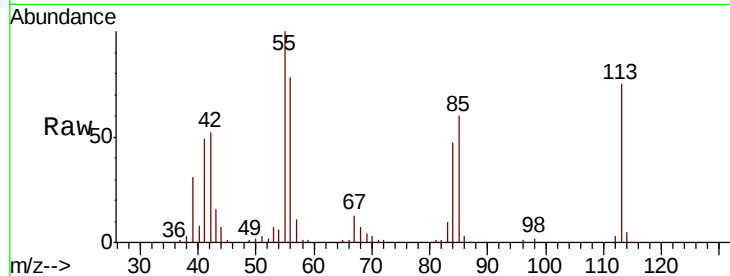
#35
Caprolactam
Concen: 43.053 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampled :
SB-3MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	133.4	125.5	165.5	
56	104.1	88.0	128.0	

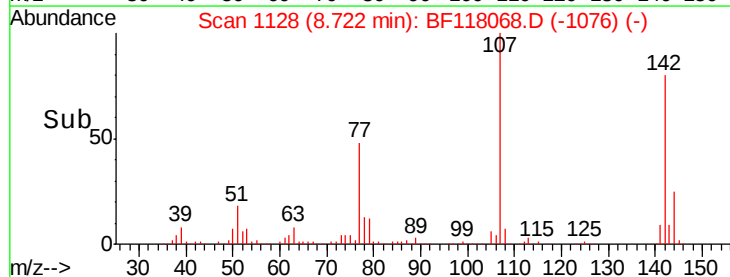
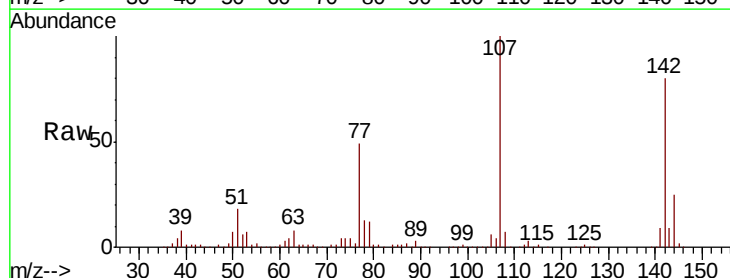
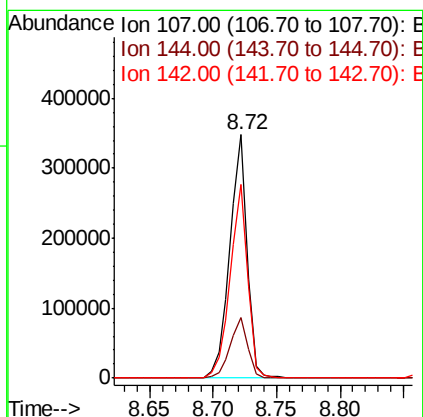
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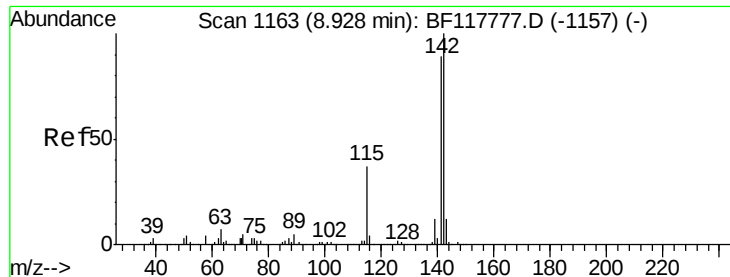
mohammad
12/4/2019 5:01:34 PM



#36
4-Chloro-3-methylphenol
Concen: 46.354 ng/ml
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.9	20.6	30.8	
142	79.8	62.5	93.7	





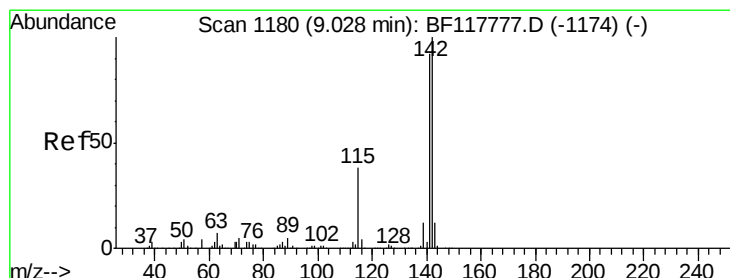
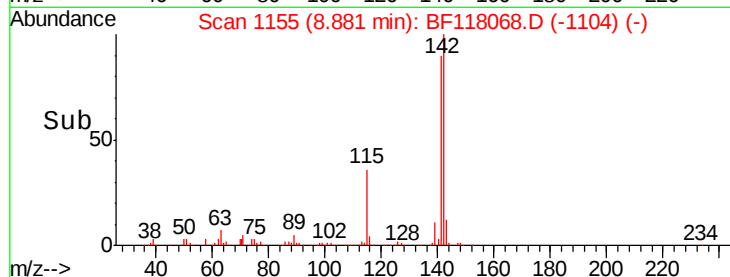
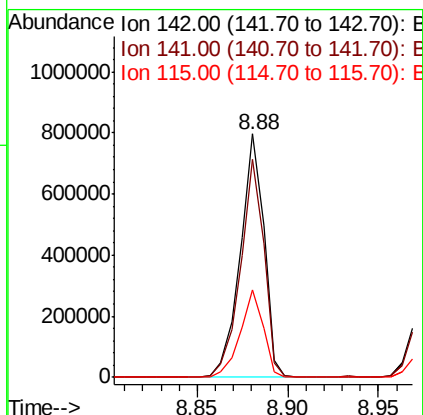
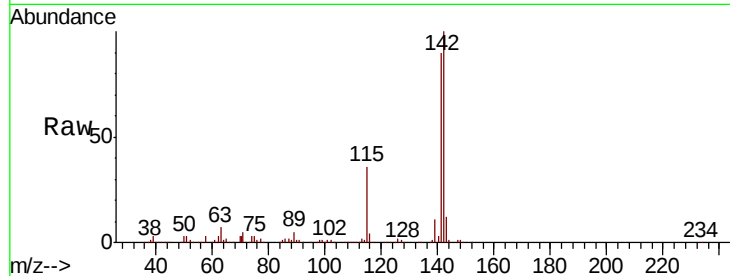
#37
2-Methylnaphthalene
Concen: 46.741 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampled :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.2	105.4
115	35.7	29.2	43.8

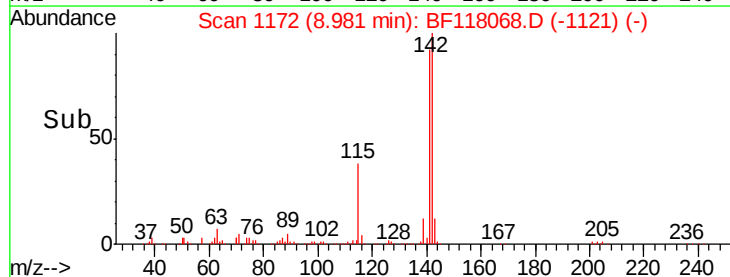
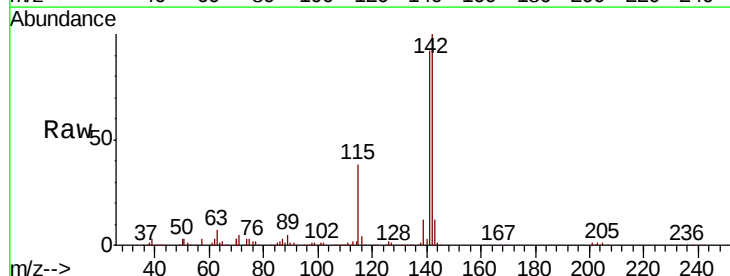
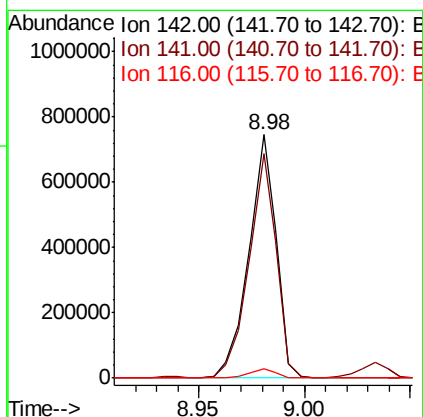
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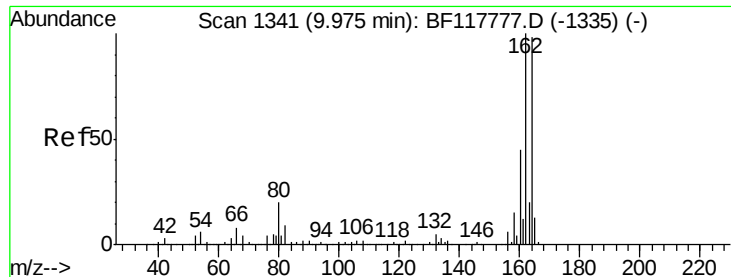
mohammad
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#38
1-Methylnaphthalene
Concen: 45.721 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.6	110.4
116	4.0	3.1	4.7





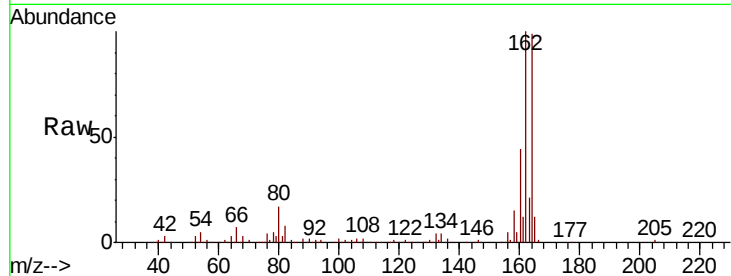
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.8	122.8
160	44.4	35.9	53.9

Manual Integrations
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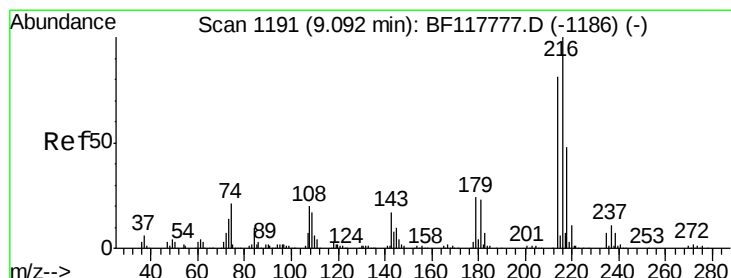
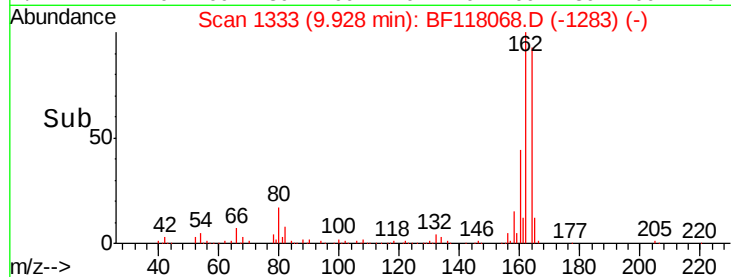
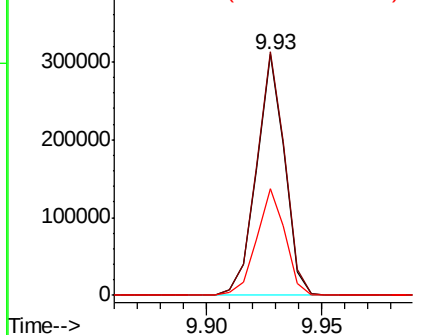


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.456 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	22.9	18.5	27.7
108	21.0	15.4	23.2

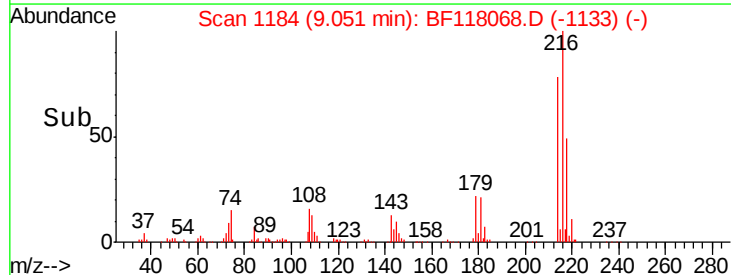
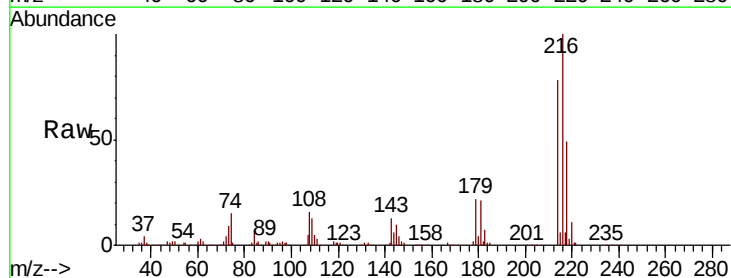
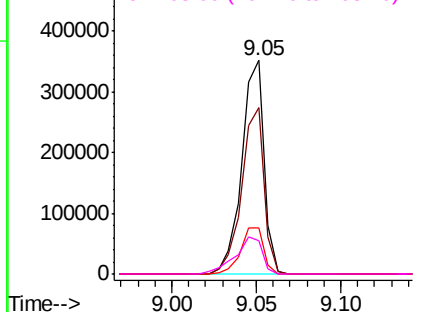
Abundance

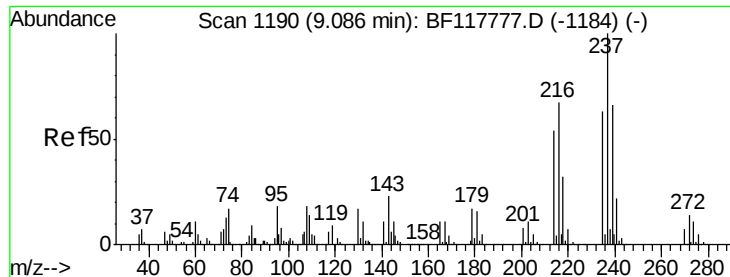
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.670 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

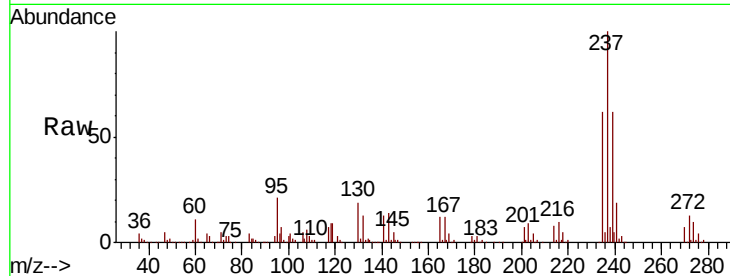
ClientSampleId :

SB-3MSD

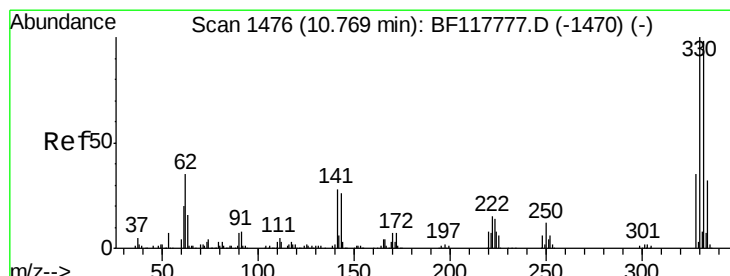
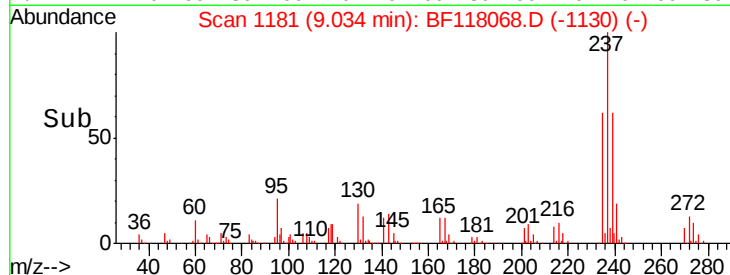
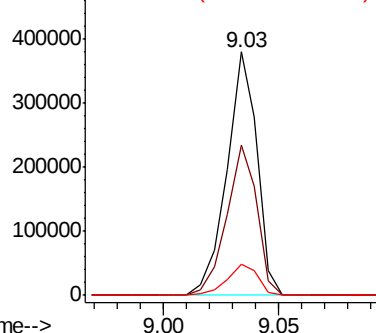
Tot Ion:	237	Resp:	345130
Ion Ratio		Lower	Upper
237	100		
235	61.7	43.7	83.7
272	12.5	0.0	32.7

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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: 135.649 ng

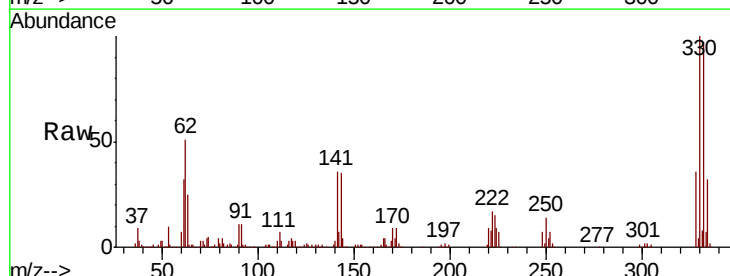
RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

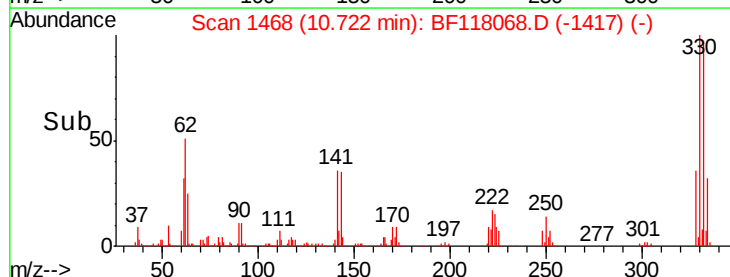
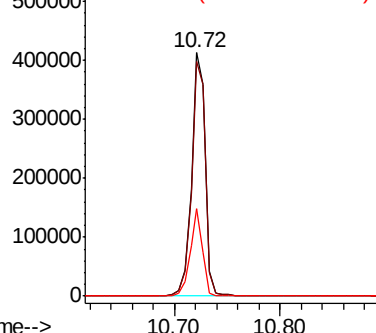
Lab File: BF118068.D

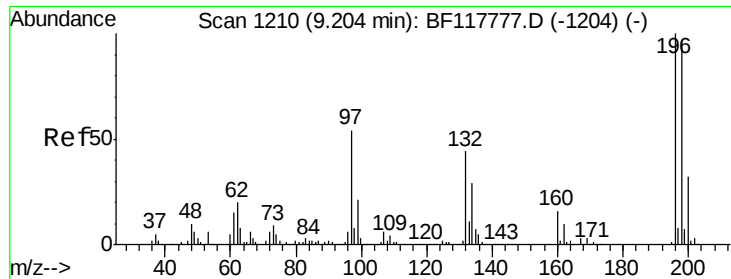
Acq: 3 Dec 2019 18:01

Tgt Ion:	330	Resp:	377526
Ion Ratio		Lower	Upper
330	100		
332	97.8	78.3	117.5
141	32.9	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





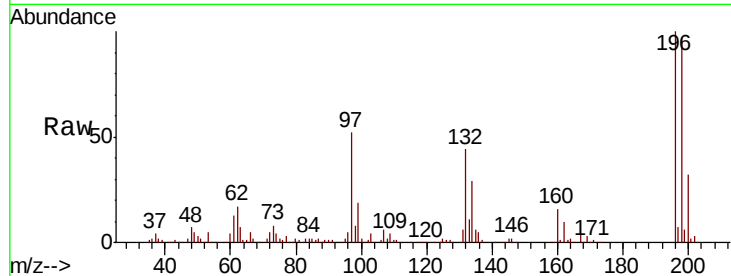
#43
 2,4,6-Trichlorophenol
 Concen: 41.013 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Instrument :
 BNA_F
 ClientSampled :
 SB-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	224266		
198	96.8	76.9	115.3	
200	31.7	24.2	36.4	

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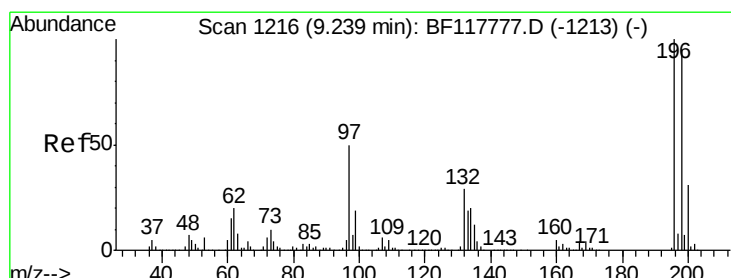
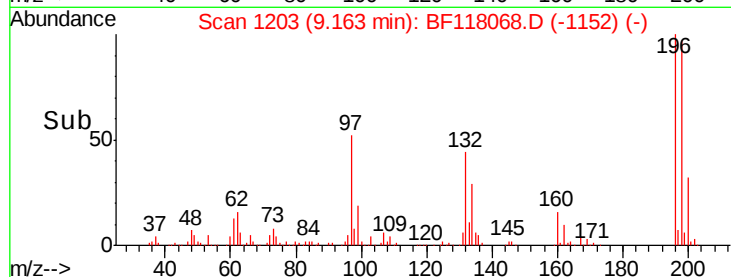
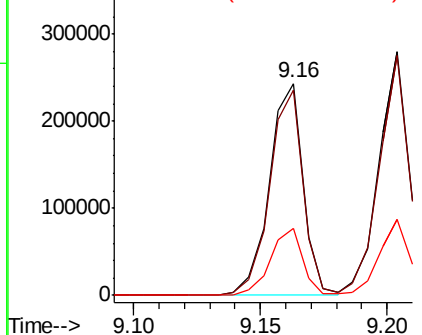


Abundance

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: 42.109 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	239072		
198	98.3	78.1	117.1	
97	47.7	37.4	56.2	
132	28.6	22.7	34.1	

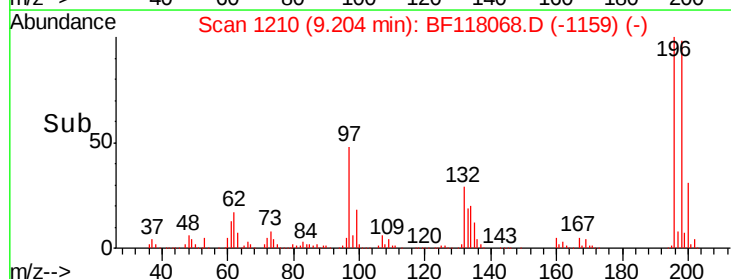
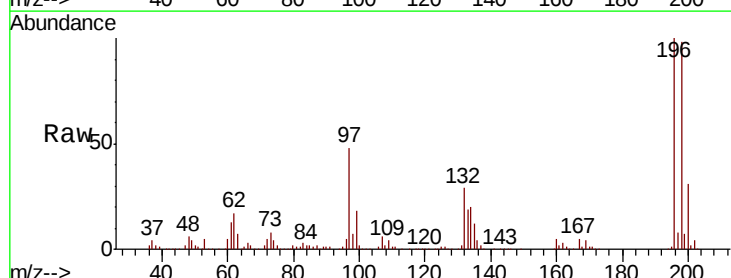
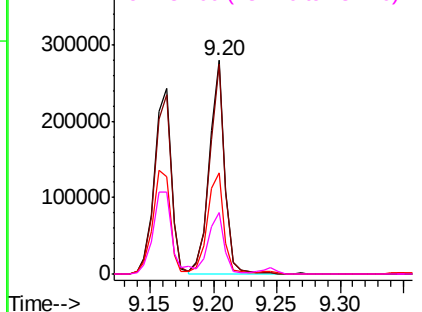
Abundance

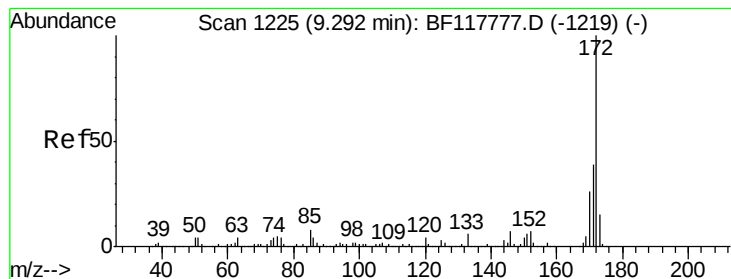
Ion 196.00 (195.70 to 196.70): E

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





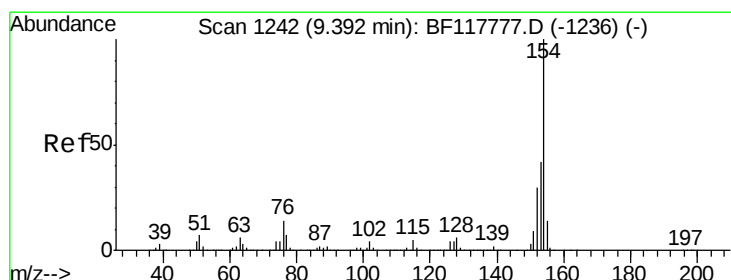
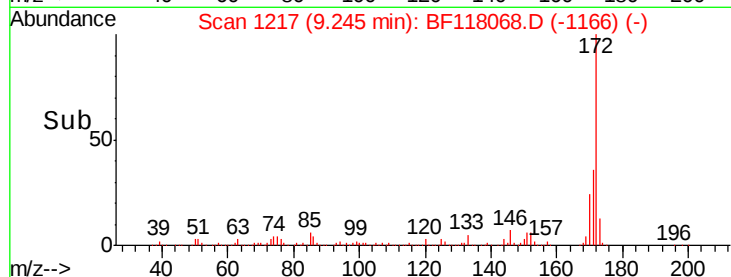
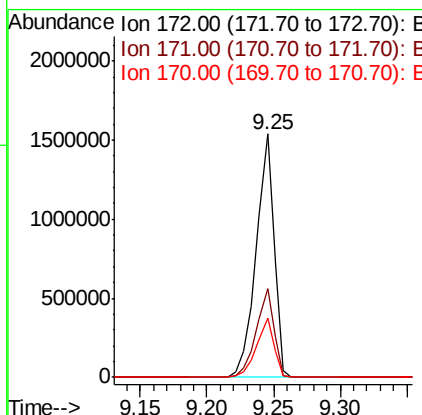
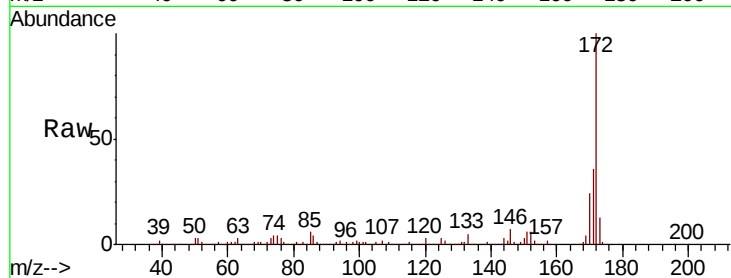
#45
2-Fluorobiphenyl
Concen: 95.632 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	24.1	19.3	28.9

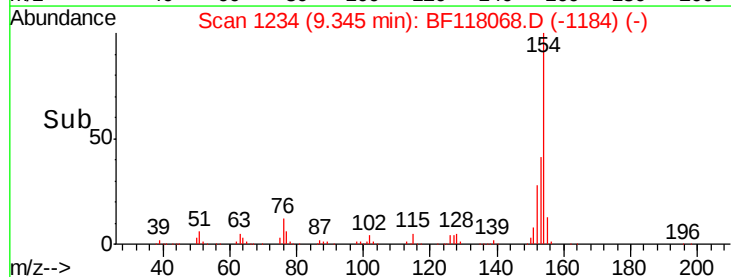
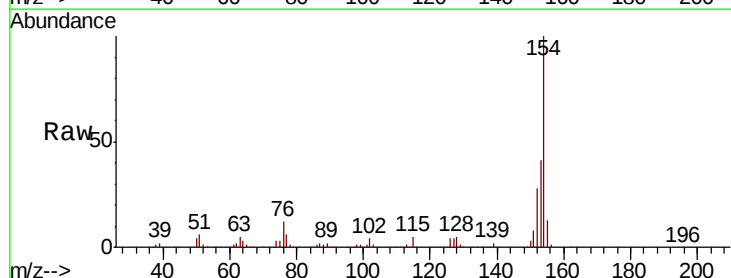
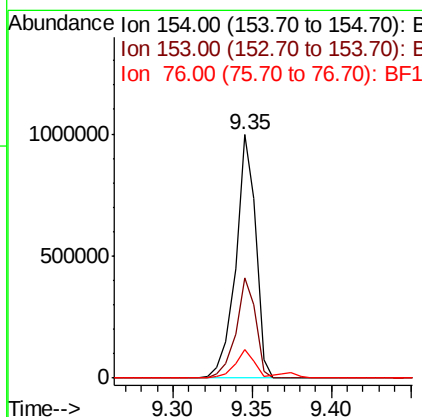
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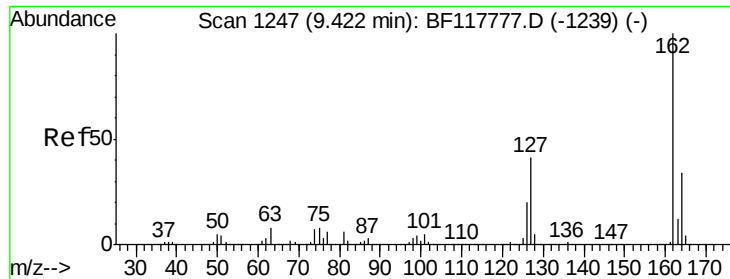
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#46
1,1'-Biphenyl
Concen: 44.600 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.1	61.1
76	11.9	0.0	30.8





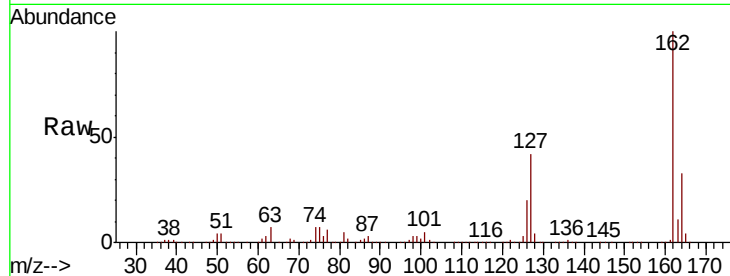
#47
2-Chloronaphthalene
Concen: 42.146 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampled :
SB-3MSD

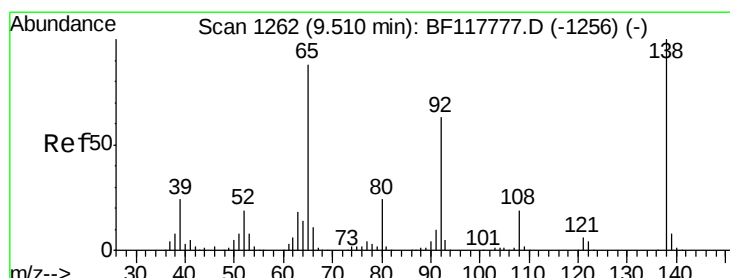
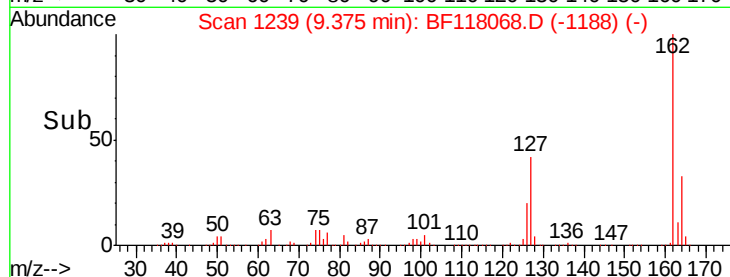
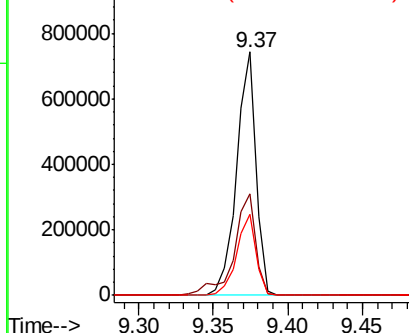
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.6	34.6	52.0
164	33.5	26.0	39.0

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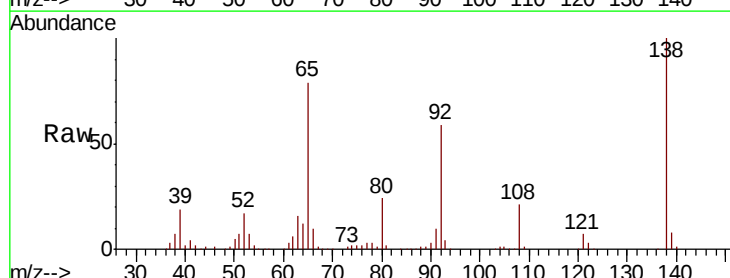


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

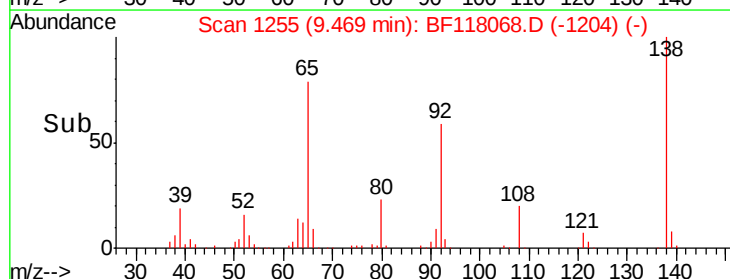
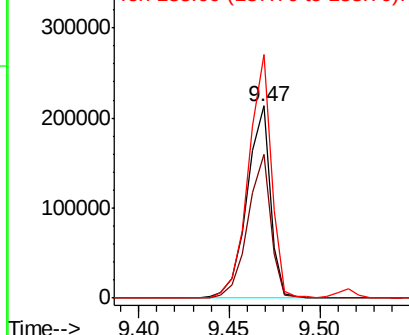


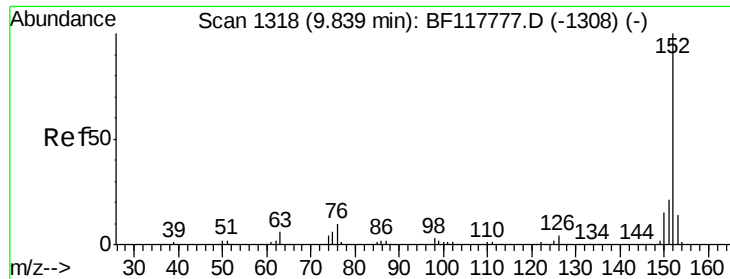
#48
2-Nitroaniline
Concen: 39.524 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	74.9	57.9	86.9
138	126.8	96.2	144.2



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





#49

Acenaphthylene

Concen: 46.754 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

SB-3MSD

Tot Ion:152 Resp: 1093681

Ion Ratio Lower Upper

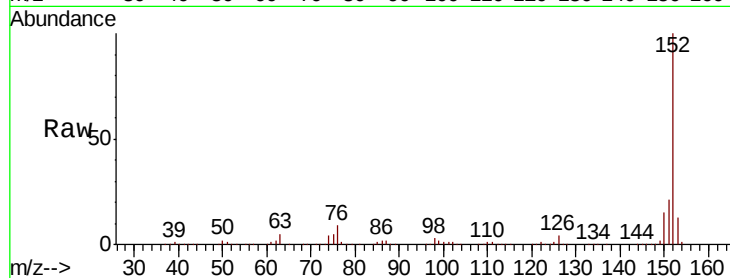
152 100

151 20.5 16.7 25.1

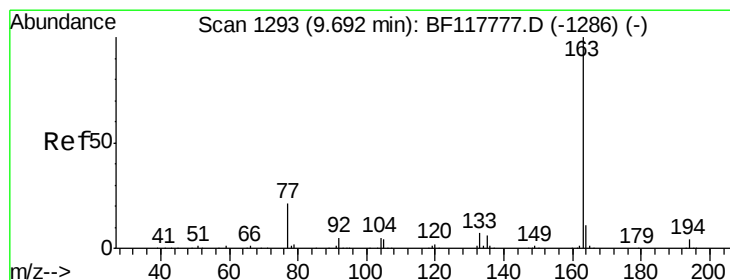
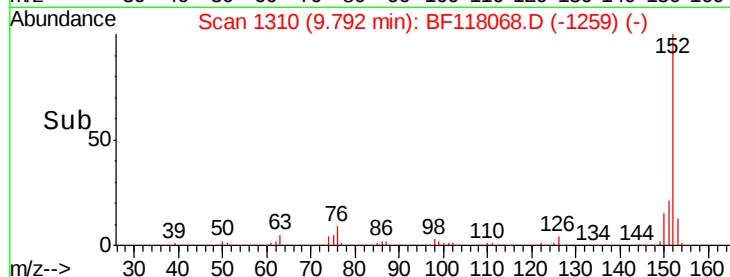
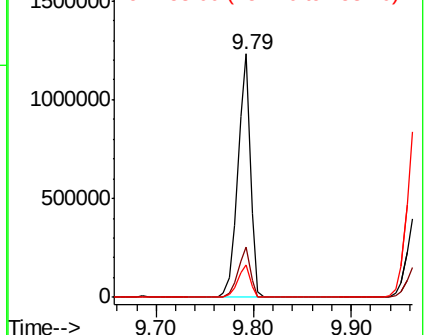
153 13.3 11.1 16.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.496 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

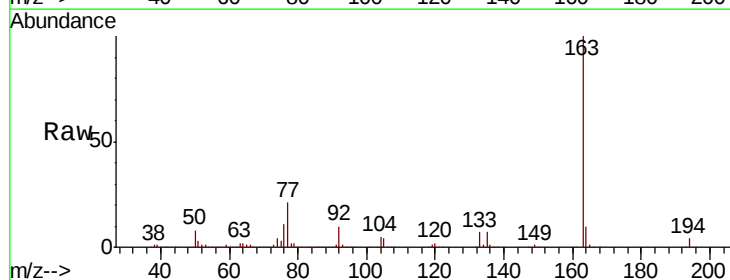
Tgt Ion:163 Resp: 930871

Ion Ratio Lower Upper

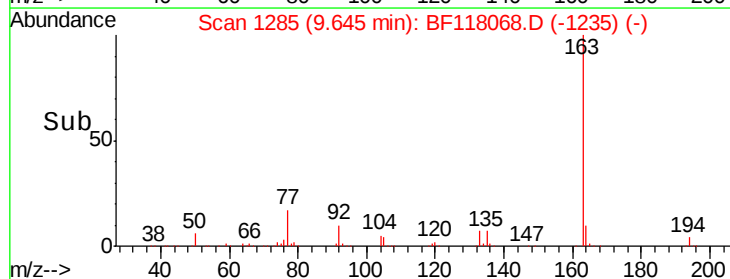
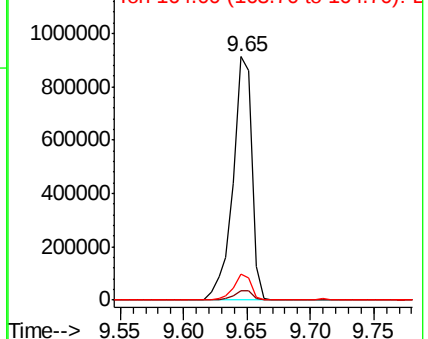
163 100

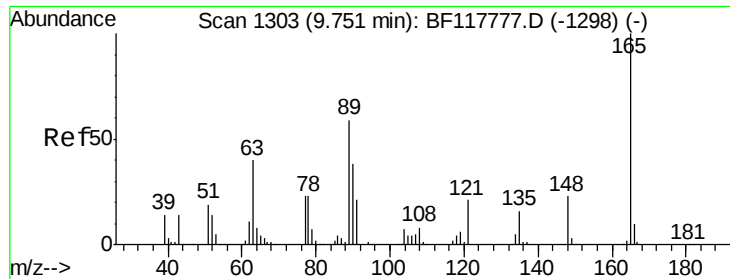
194 3.9 3.1 4.7

164 10.5 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.100 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

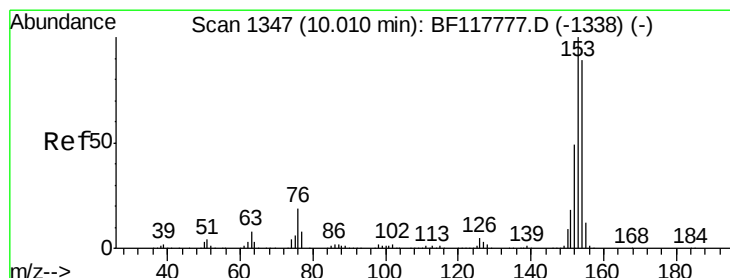
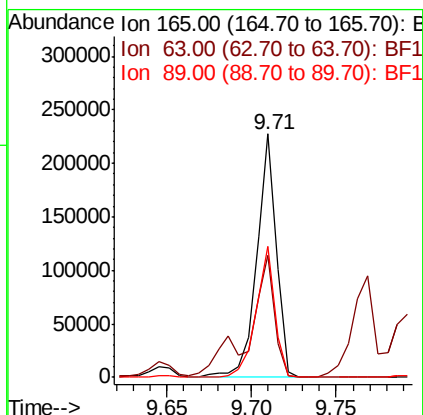
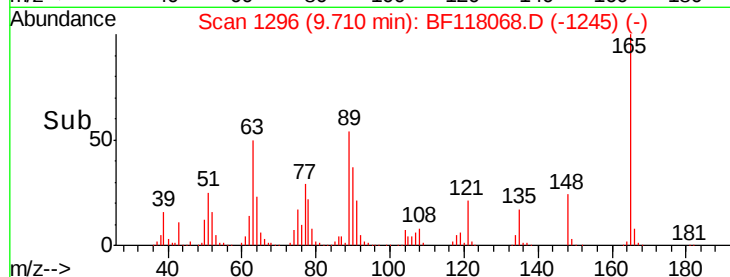
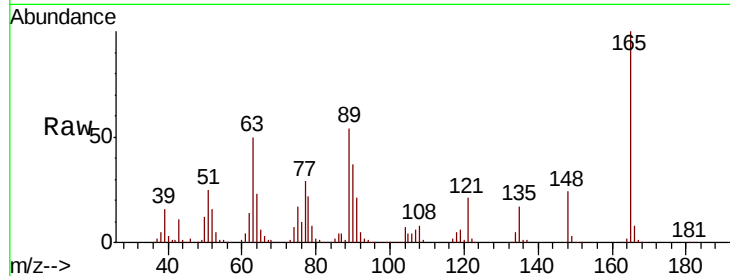
ClientSampleId :

SB-3MSD

Tot Ion:	165	Resp:	185733
Ion Ratio		Lower	Upper
165	100		
63	50.3	43.9	65.9
89	53.7	45.5	68.3

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#52

Acenaphthene

Concen: 42.279 ng

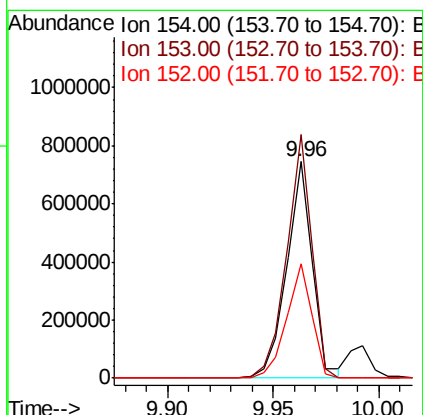
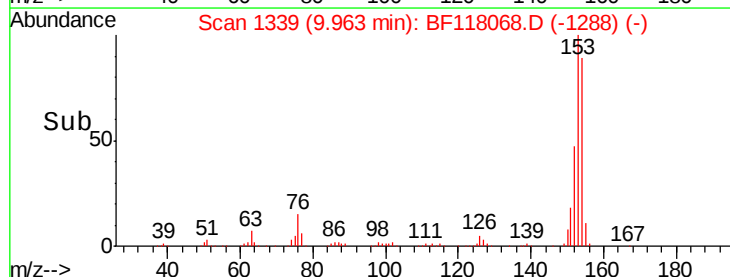
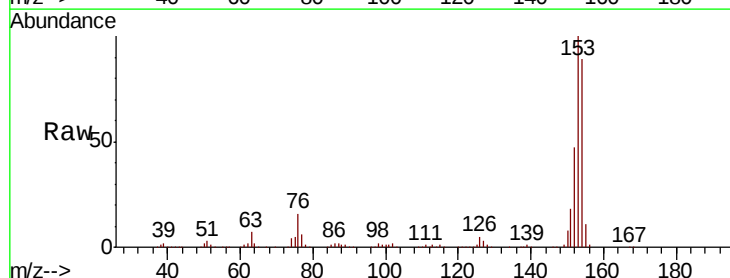
RT: 9.96 min Scan# 1339

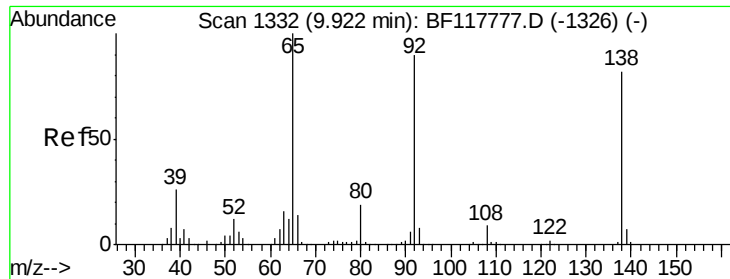
Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Tgt Ion:	154	Resp:	633546
Ion Ratio		Lower	Upper
154	100		
153	112.4	91.2	136.8
152	53.0	43.6	65.4





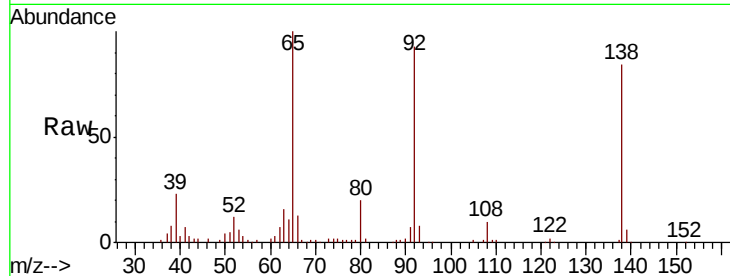
#53
3-Nitroaniline
Concen: 12.522 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.7	13.1
92	110.4	87.4	131.0

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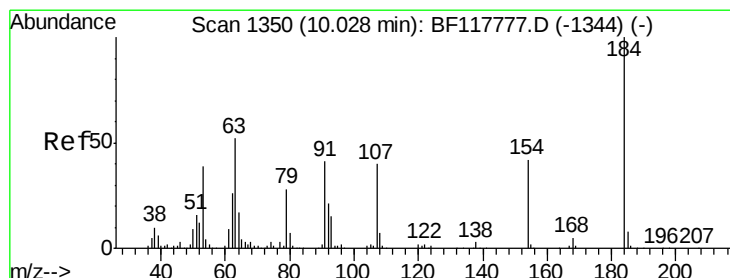
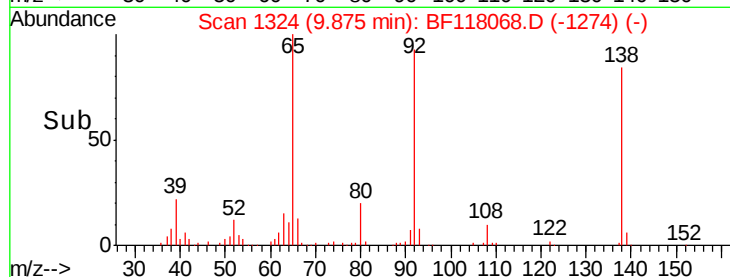
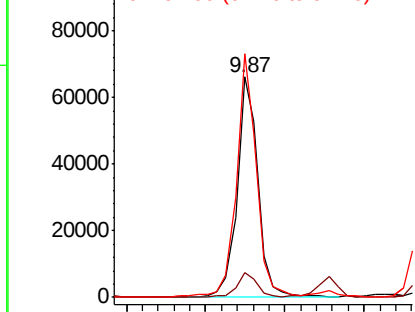


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 73.406 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

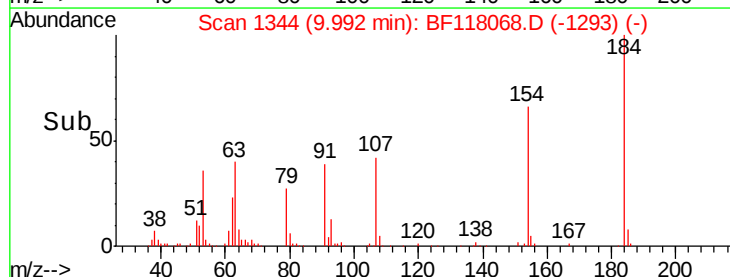
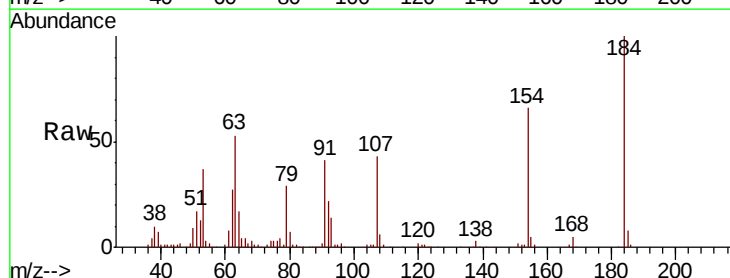
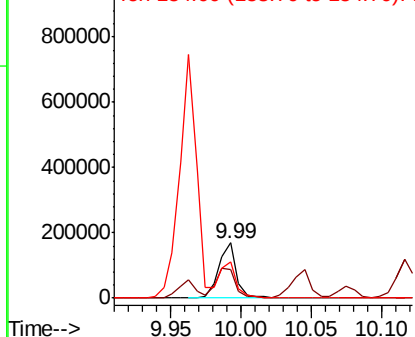
Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.8	45.3	67.9
154	65.6	51.6	77.4

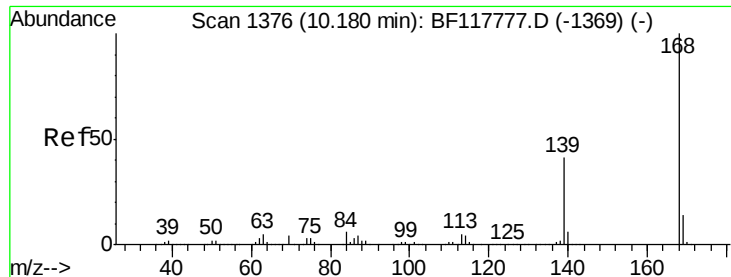
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





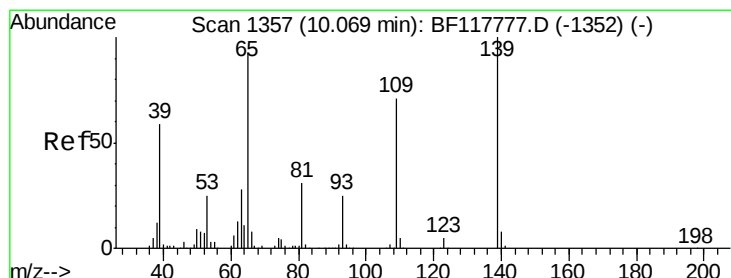
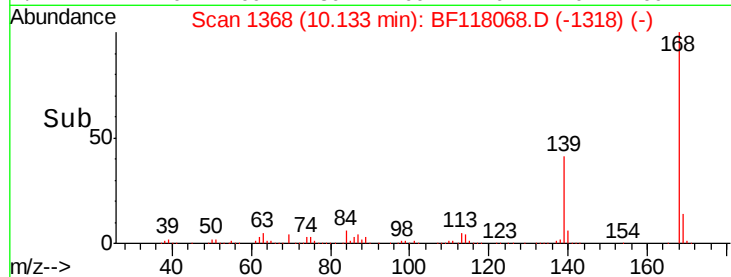
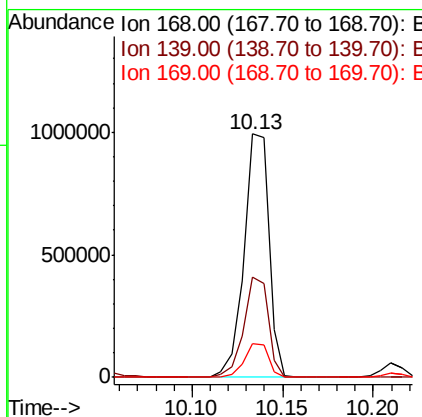
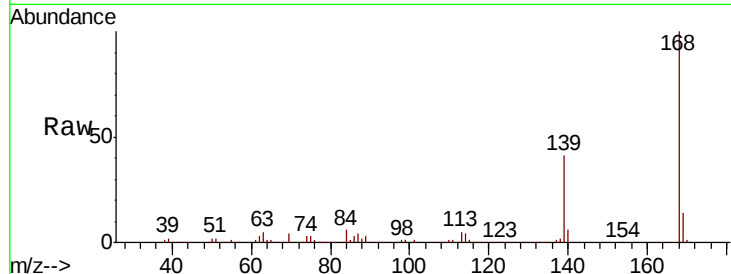
#55
Dibenzenofuran
Concen: 45.876 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion:	168	Resp:	951954
Ion Ratio	Lower	Upper	
168	100		
139	41.2	32.5	48.7
169	13.7	10.8	16.2

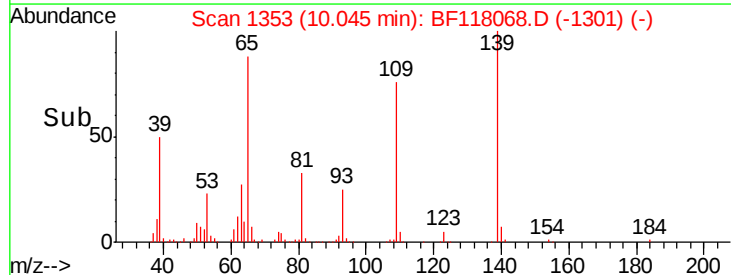
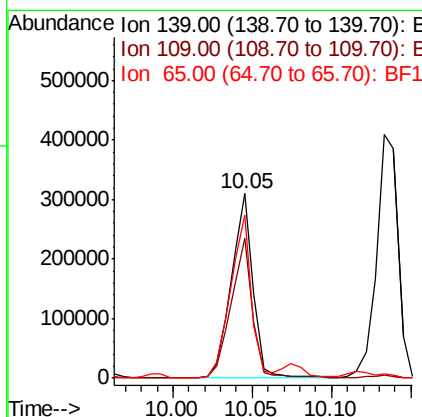
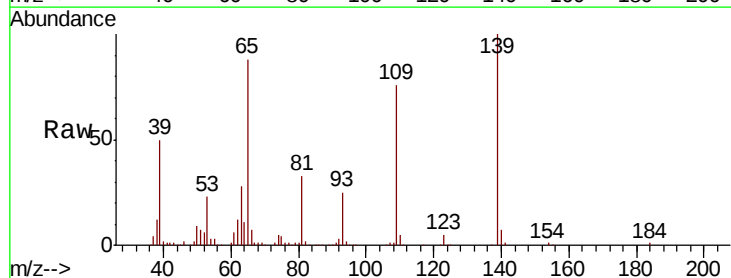
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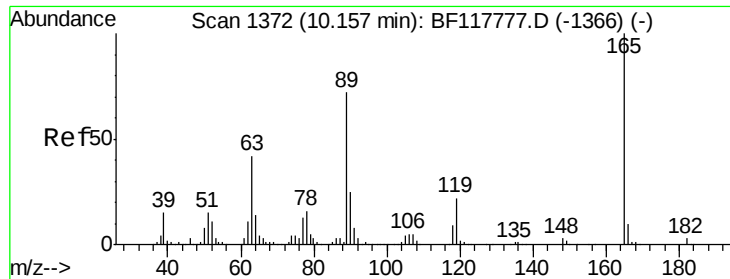
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#56
4-Nitrophenol
Concen: 82.119 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:	139	Resp:	295503
Ion Ratio	Lower	Upper	
139	100		
109	76.1	55.2	95.2
65	88.0	68.7	108.7





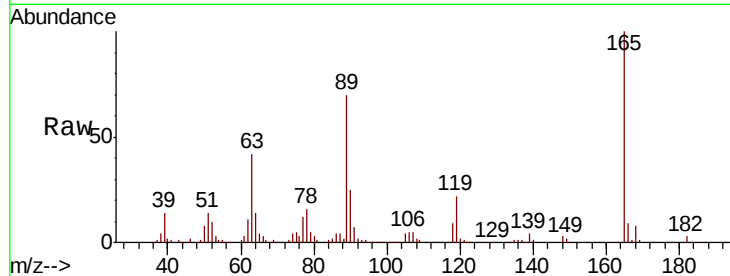
#57
2,4-Dinitrotoluene
Concen: 47.945 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	26.5	39.7#
89	69.9	47.2	70.8
182	2.7	2.3	3.5

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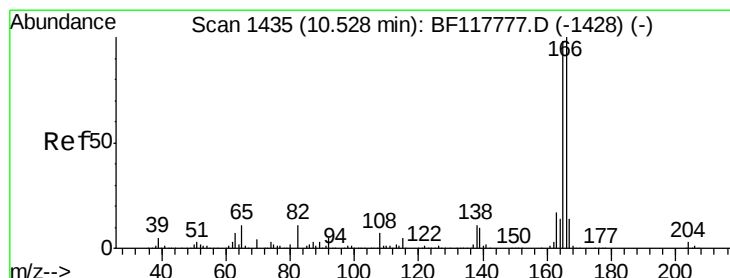
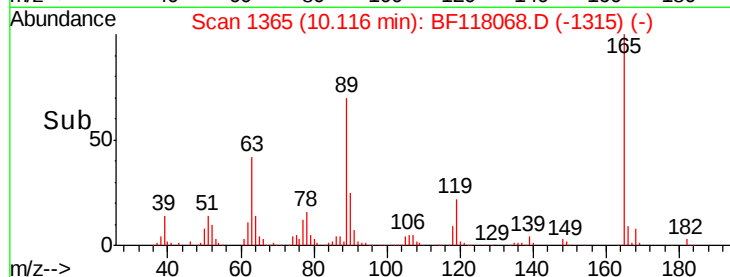
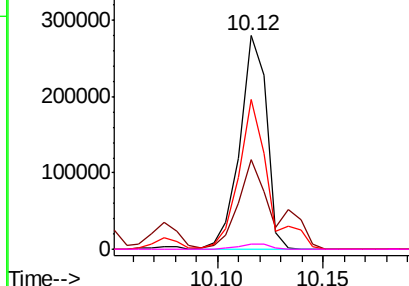
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.541 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

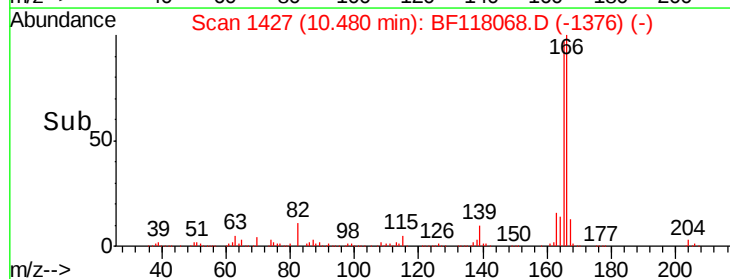
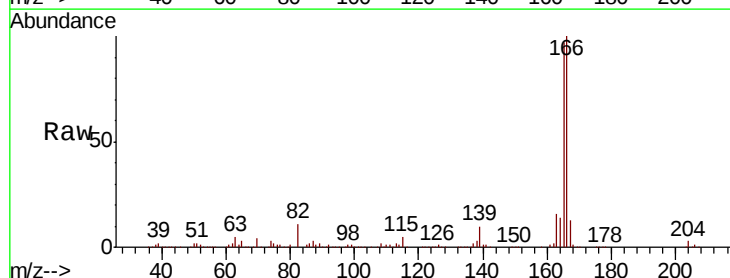
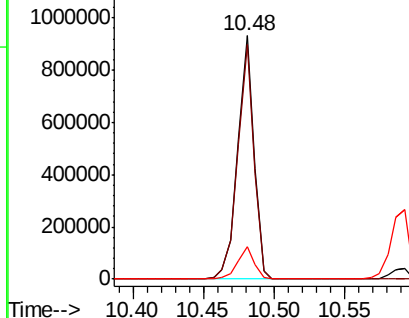
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.4	116.2
167	13.3	10.7	16.1

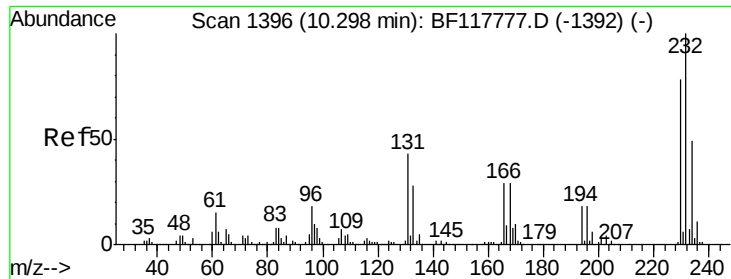
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





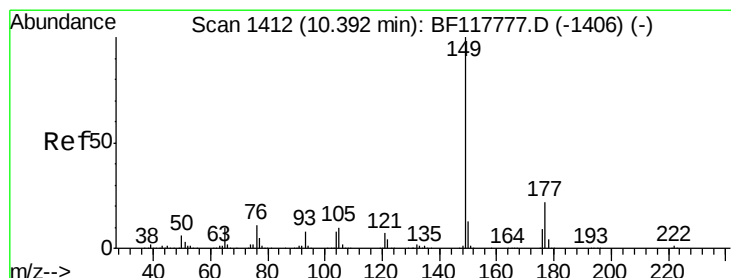
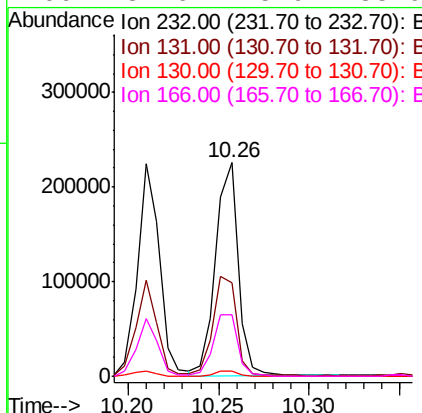
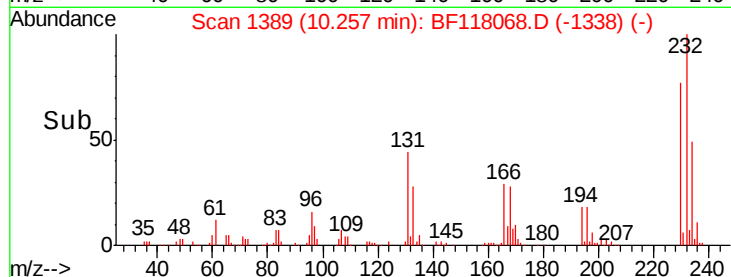
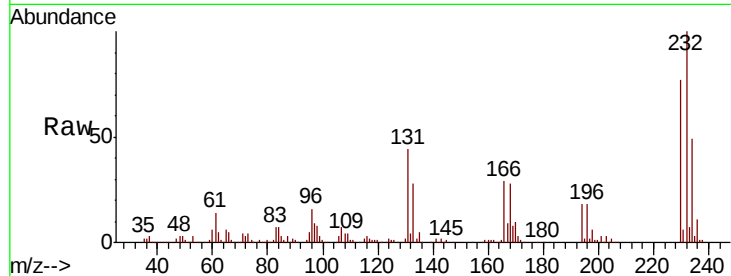
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.083 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	196312		
131	49.4	38.8	58.2	
130	2.3	1.9	2.9	
166	31.6	25.9	38.9	

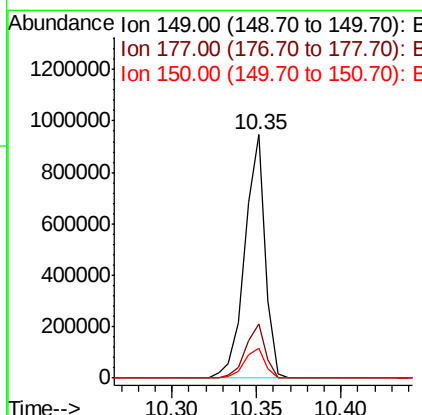
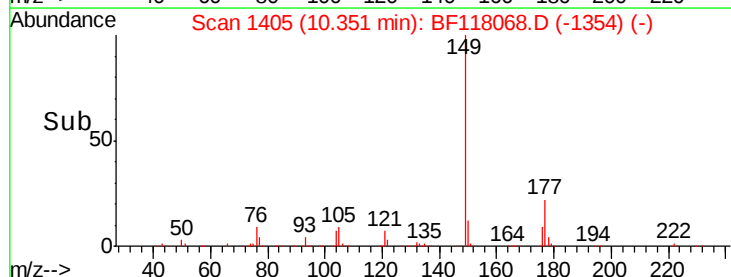
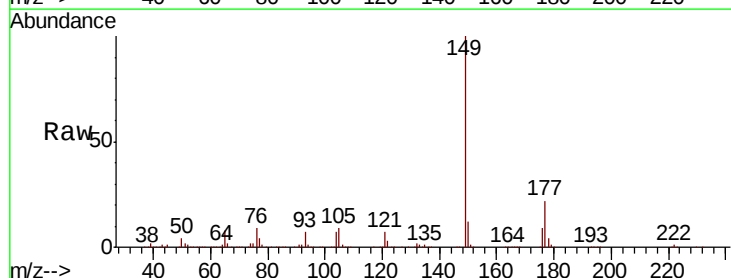
Manual Integrations
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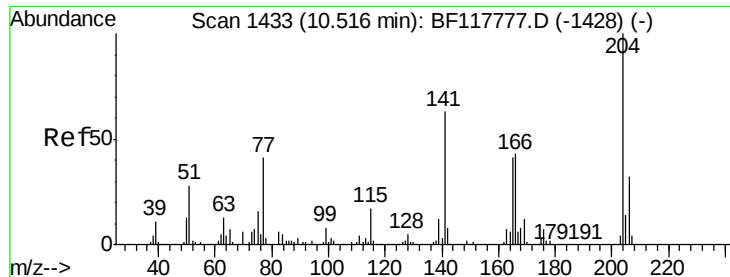
mohammad
 12/4/2019 5:01:34 PM



#60
 Diethylphthalate
 Concen: 44.184 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	794083		
177	22.5	17.6	26.4	
150	12.3	9.8	14.8	





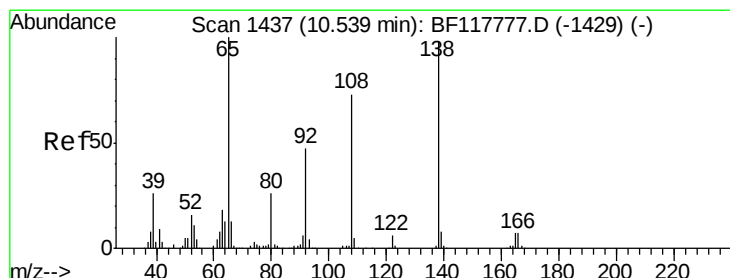
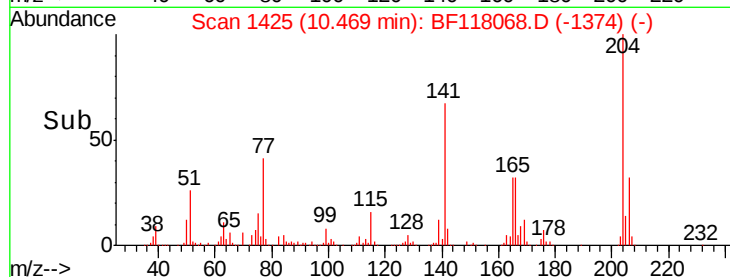
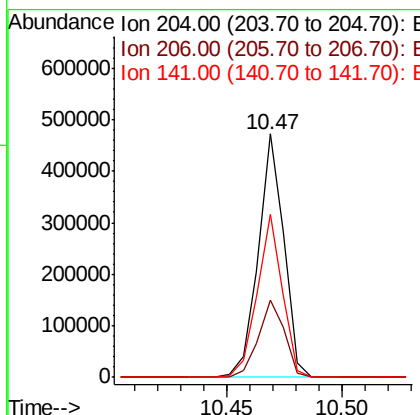
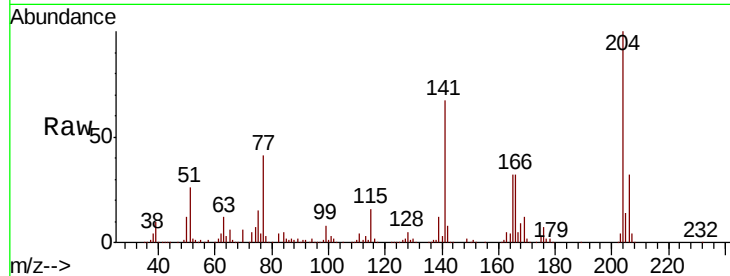
#61
4-Chlorophenyl-phenylether
Concen: 44.869 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.0	39.0
141	67.2	55.1	82.7

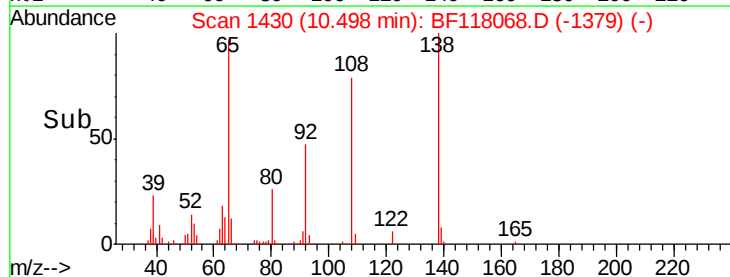
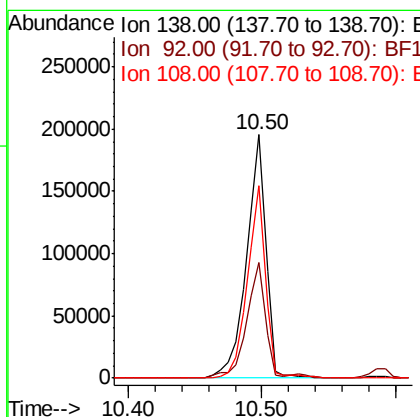
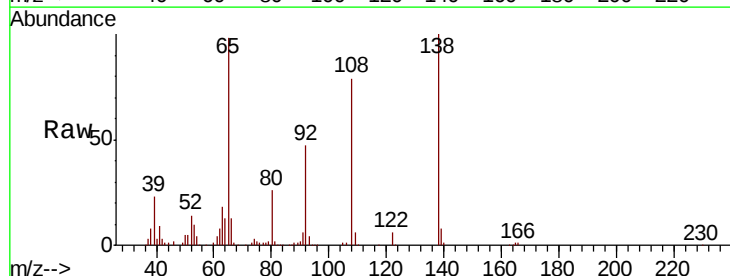
Manual Integrations
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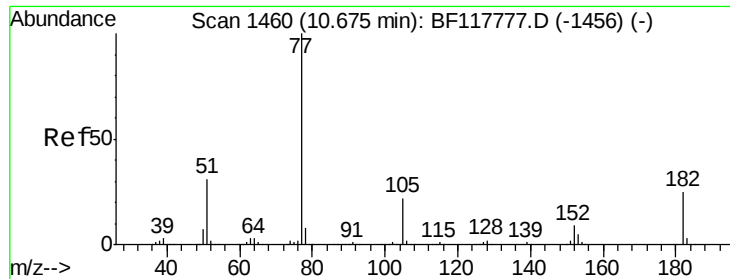
mohammad
12/4/2019 5:01:34 PM



#62
4-Nitroaniline
Concen: 40.458 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.5	67.5
108	79.2	57.9	97.9





#63

Azobenzene

Concen: 43.374 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

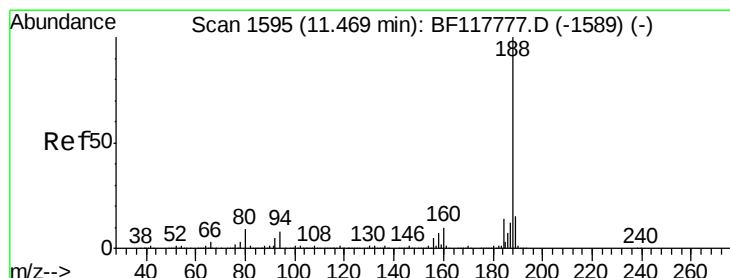
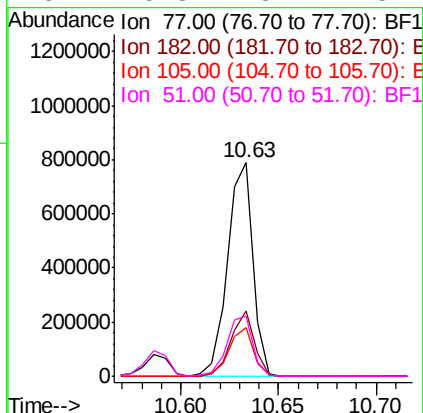
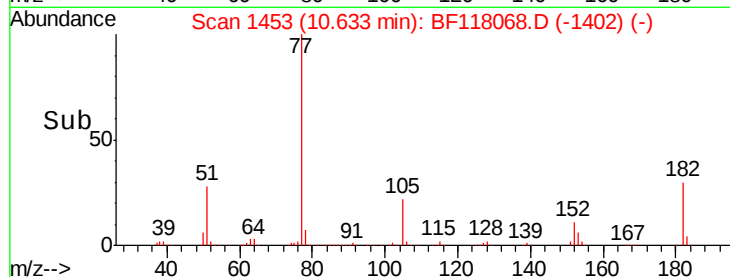
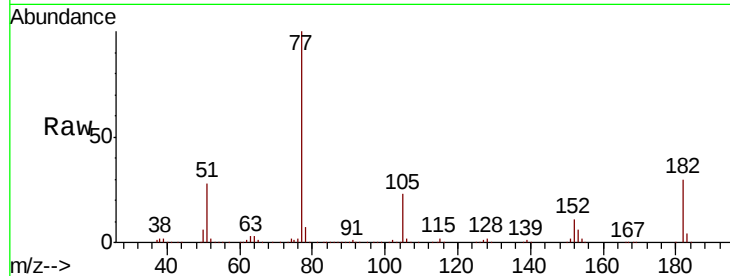
ClientSampleId :

SB-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		709198		
182	30.3	8.2	48.2		
105	22.7	2.1	42.1		
51	28.3	8.7	48.7		

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#64

Phenanthrene-d10

Concen: 20.000 ng

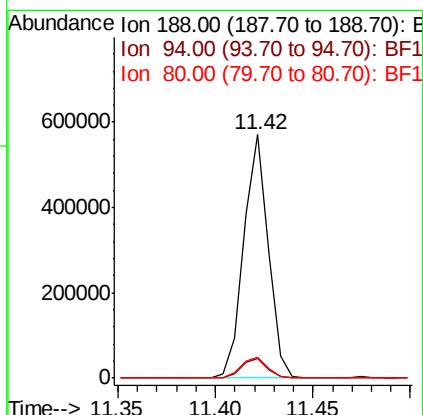
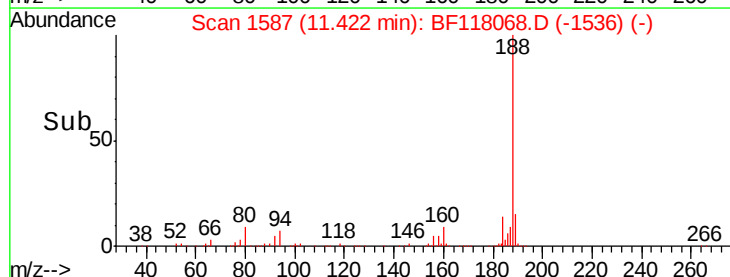
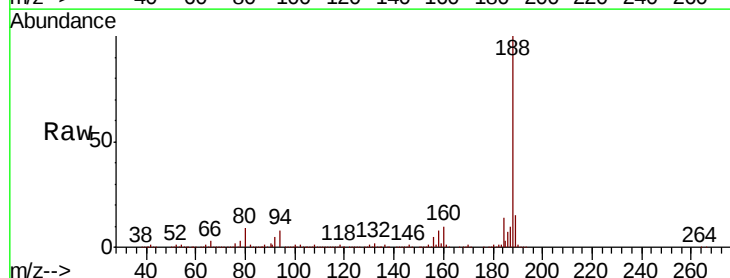
RT: 11.42 min Scan# 1587

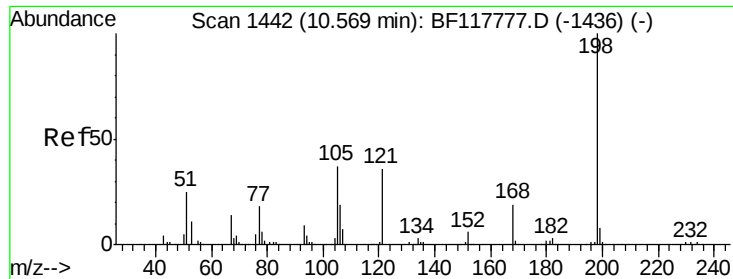
Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		497377		
94	8.2	7.0	10.6		
80	8.8	7.2	10.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 49.027 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

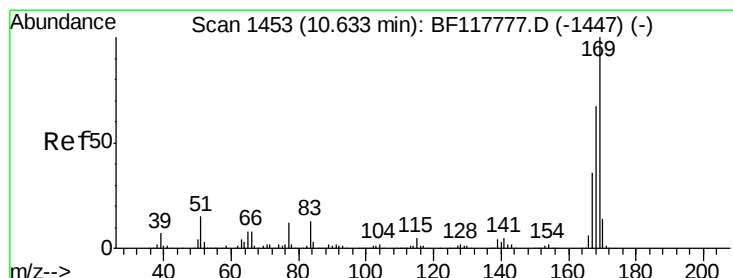
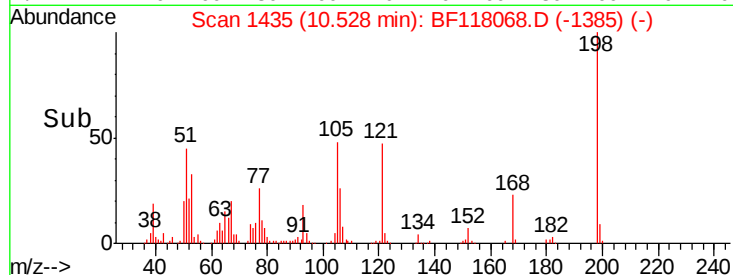
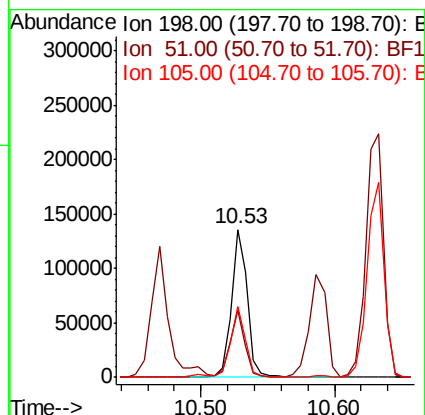
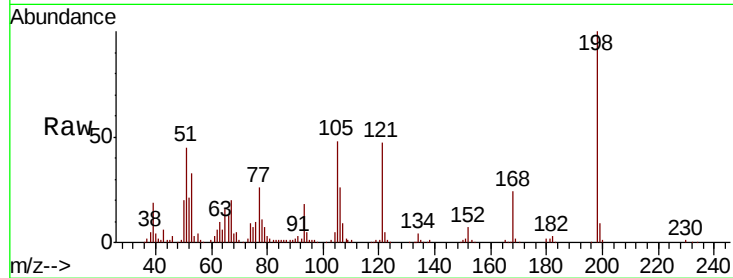
ClientSampled :

SB-3MSD

Tot Ion:	198	Resp:	113838
Ion Ratio	Lower	Upper	
198	100		
51	45.4	12.6	52.6
105	48.1	17.0	57.0

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 46.048 ng

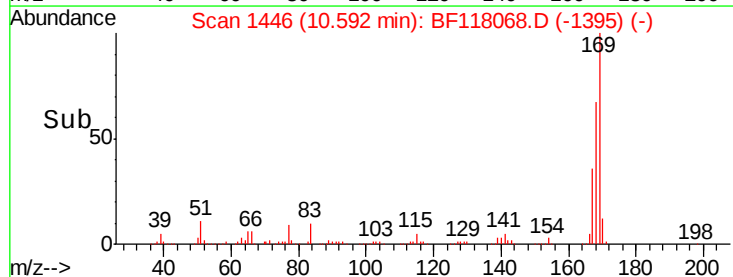
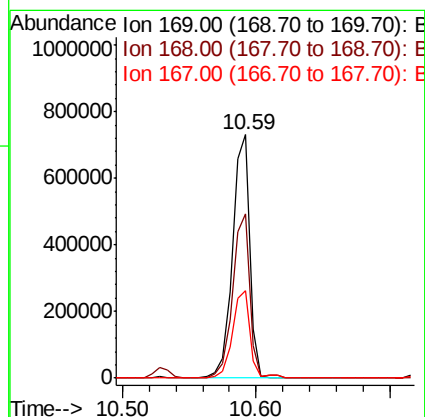
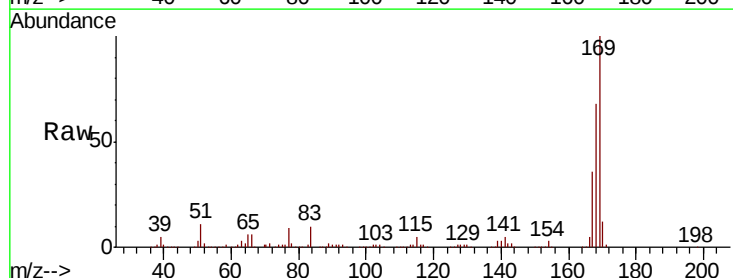
RT: 10.59 min Scan# 1446

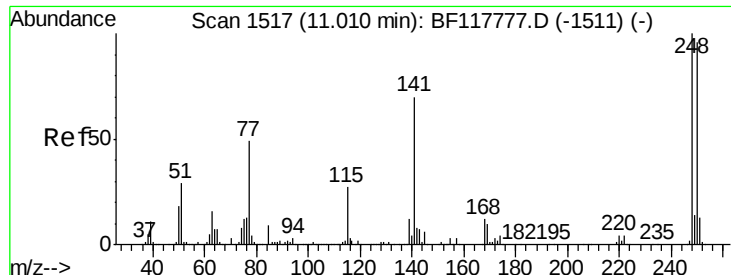
Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Tgt Ion:	169	Resp:	666551
Ion Ratio	Lower	Upper	
169	100		
168	67.5	52.5	78.7
167	36.2	28.4	42.6





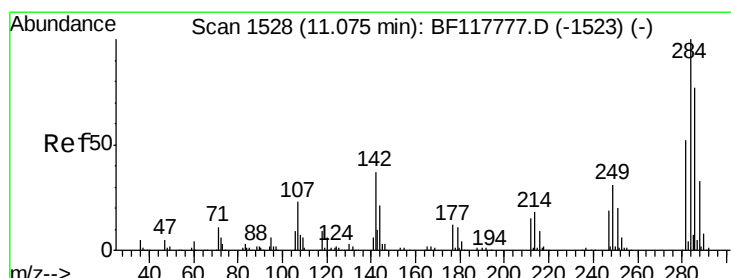
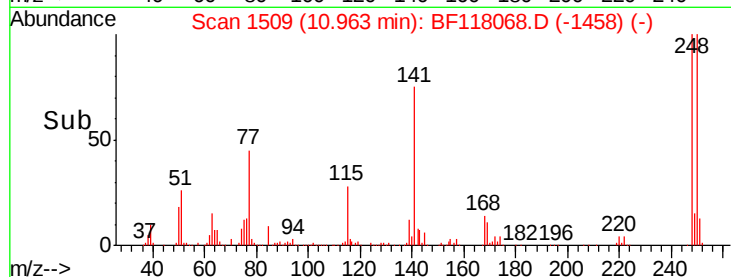
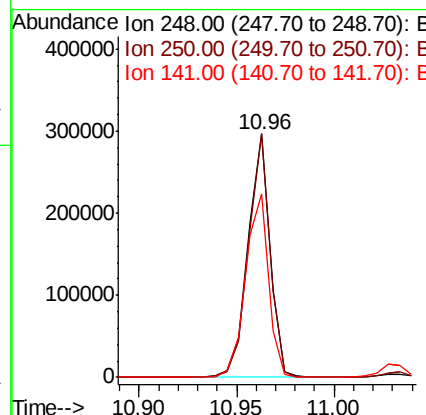
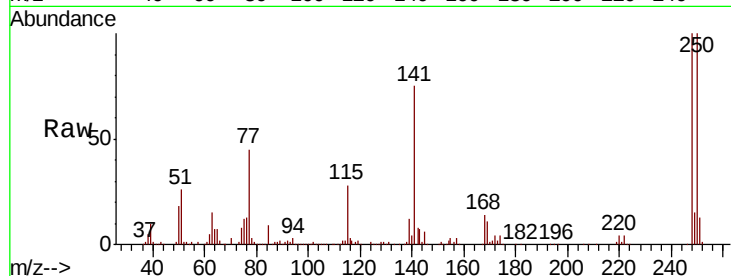
#67
4-Bromophenyl-phenylether
Concen: 43.316 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100	232461		
250	100.1	78.0	117.0	
141	75.3	64.0	96.0	

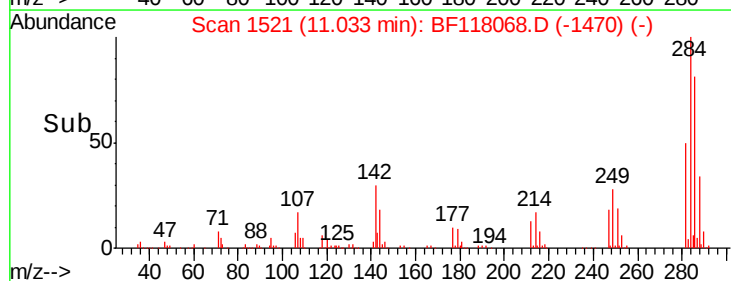
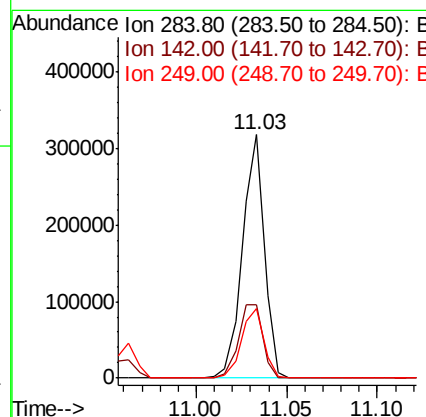
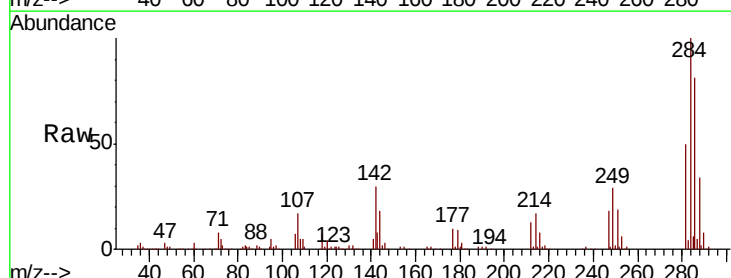
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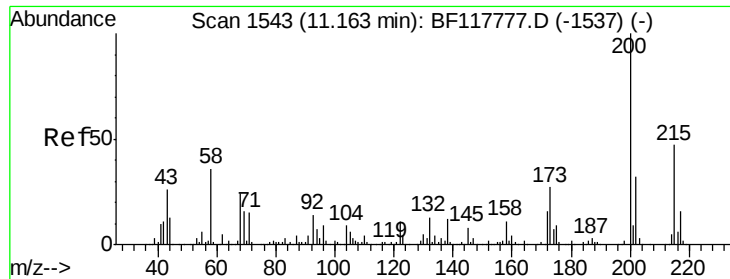
mohammad
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#68
Hexachlorobenzene
Concen: 42.677 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	267065		
142	30.0	27.3	40.9	
249	28.6	24.8	37.2	





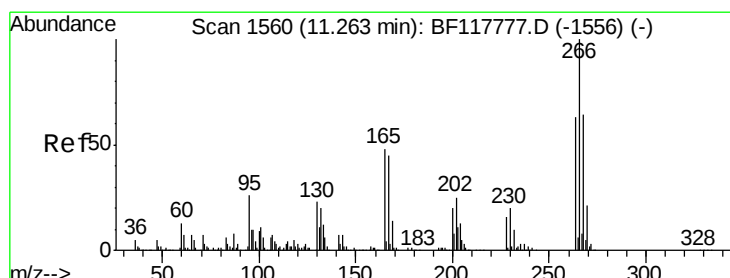
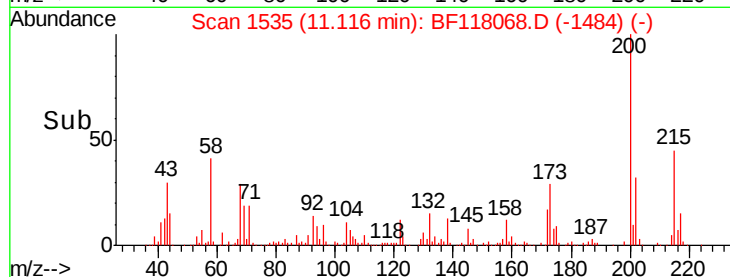
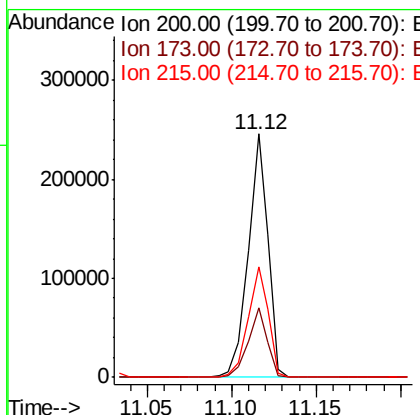
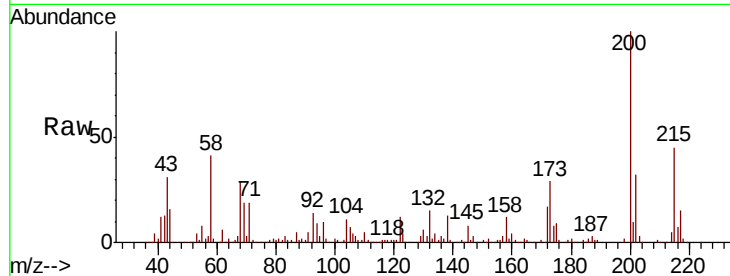
#69
Atrazine
Concen: 42.460 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	7.9	47.9
215	45.3	27.0	67.0

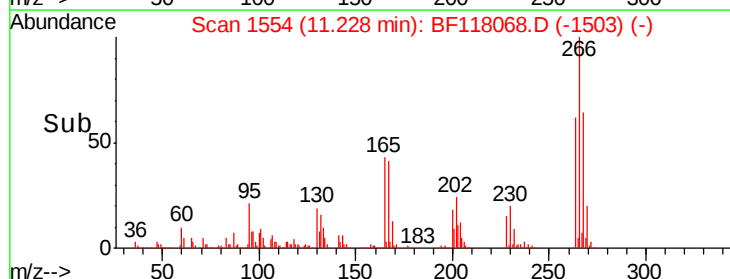
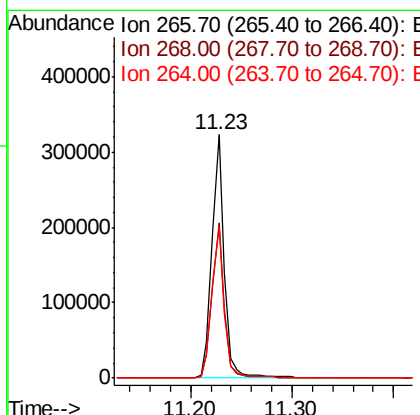
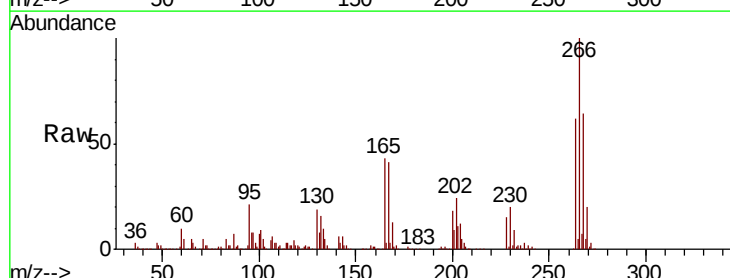
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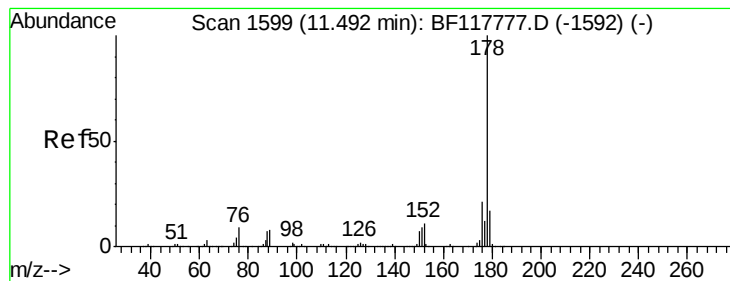
mohammad
12/4/2019 5:01:34 PM



#70
Pentachlorophenol
Concen: 75.868 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.3	75.5
264	62.4	50.3	75.5





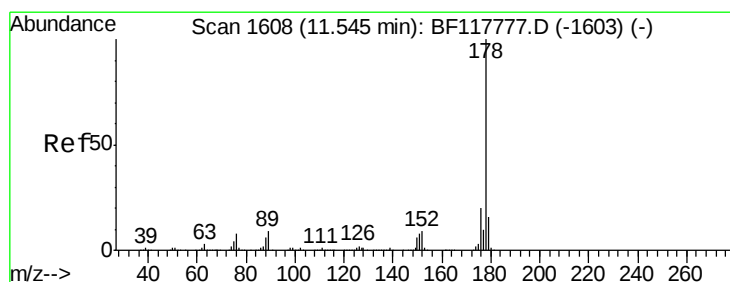
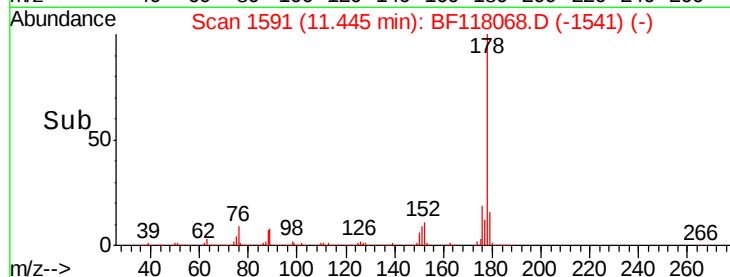
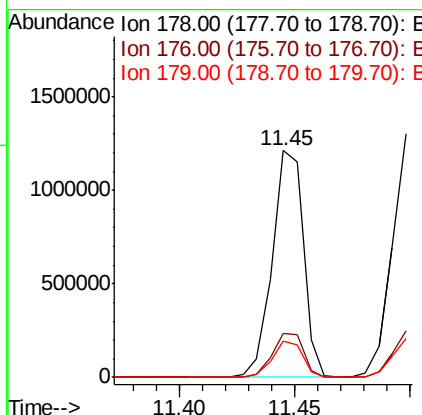
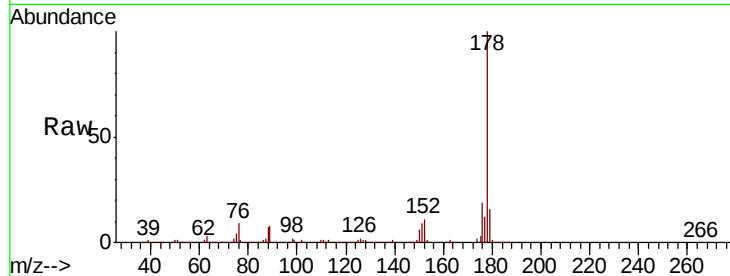
#71
Phenanthrene
Concen: 45.369 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion:178 Resp: 1134528
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 16.0 12.3 18.5

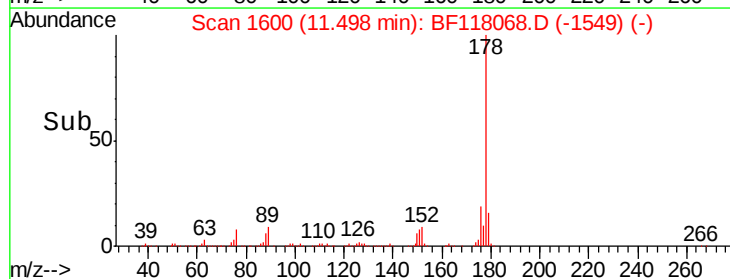
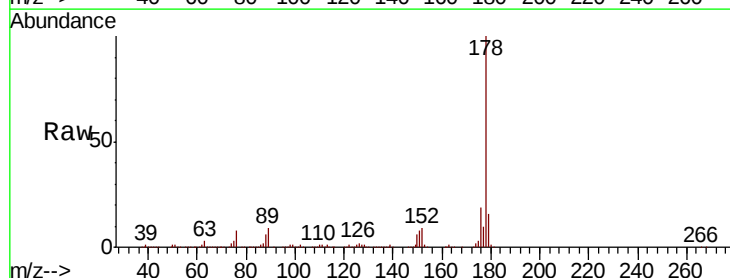
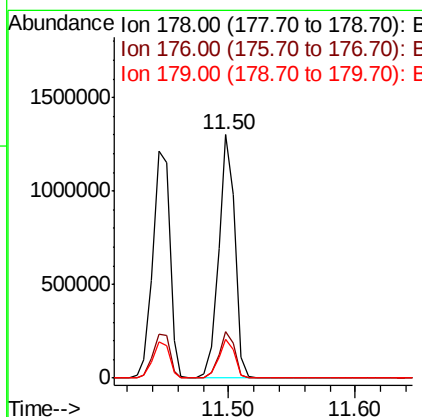
Manual Integrations
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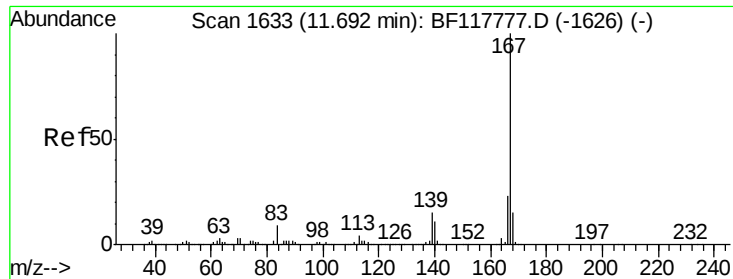
mohammad
12/4/2019 5:01:34 PM



#72
Anthracene
Concen: 46.818 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion:178 Resp: 1160772
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.9 12.8 19.2





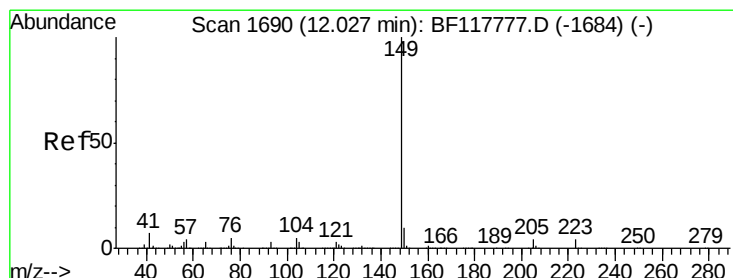
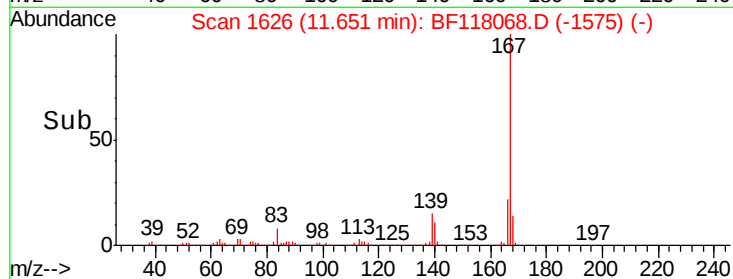
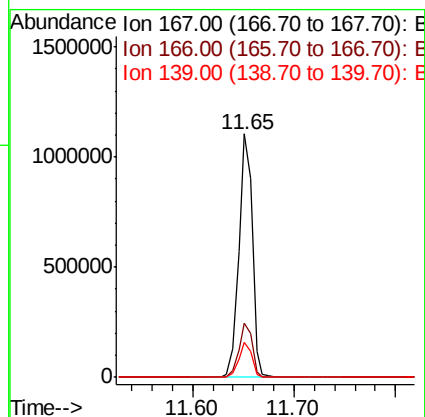
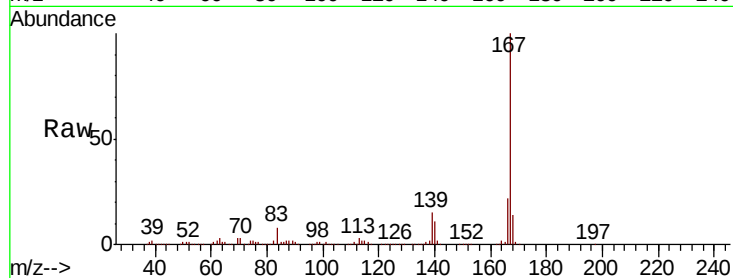
#73
 Carbazole
 Concen: 46.962 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Instrument :
 BNA_F
 ClientSampled :
 SB-3MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	14.5	11.5	17.3

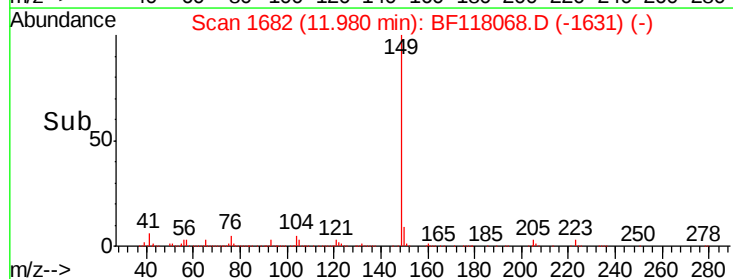
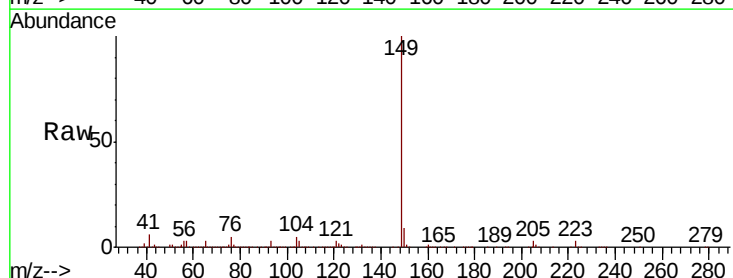
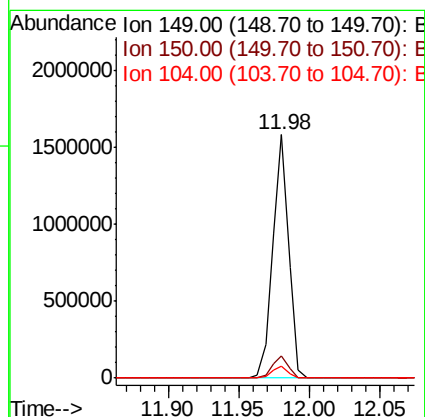
Manual Integrations
 APPROVED

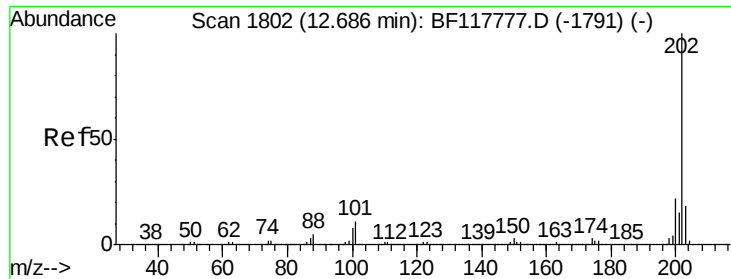
mohammad
 12/4/2019 5:01:34 PM



#74
 Di-n-butylphthalate
 Concen: 46.492 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.0	4.2	6.4





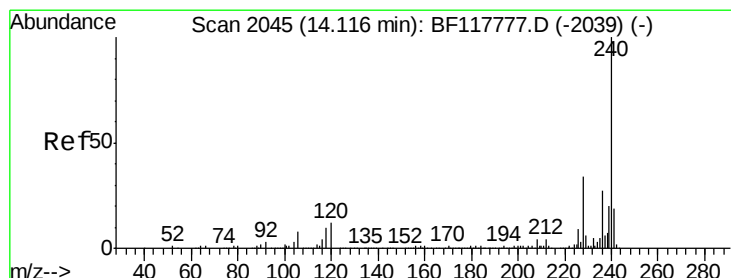
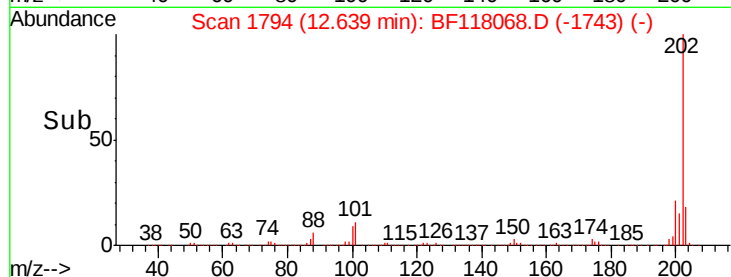
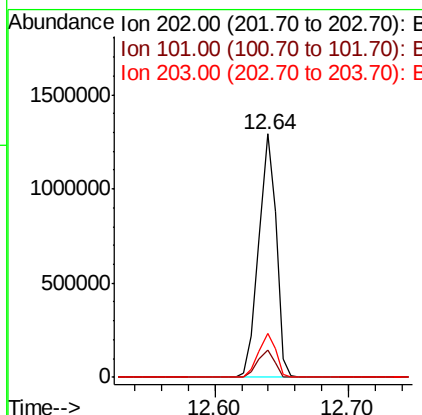
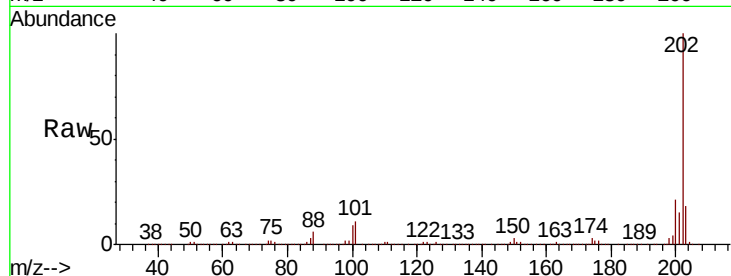
#75
 Fluoranthene
 Concen: 51.736 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-3MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.5
203	18.0	0.0	37.6

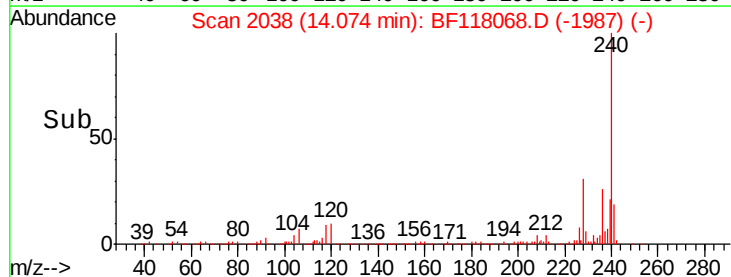
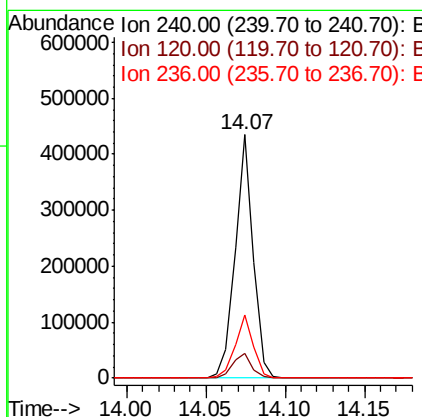
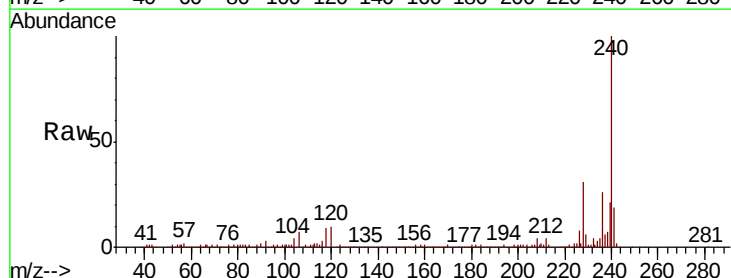
Manual Integrations
 APPROVED

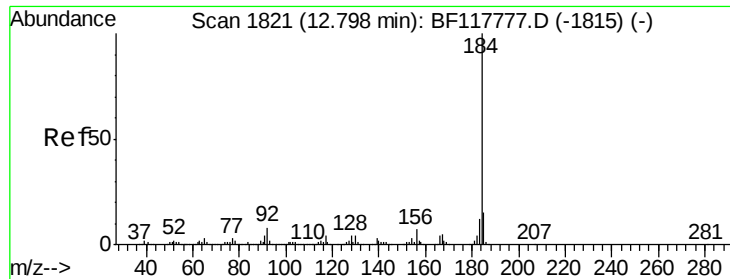
mohammad
 12/4/2019 5:01:34 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	26.1	20.6	31.0





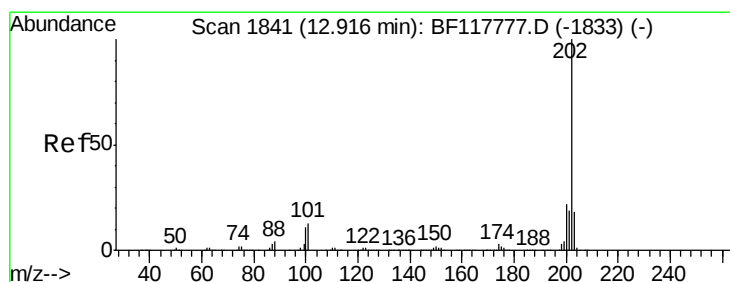
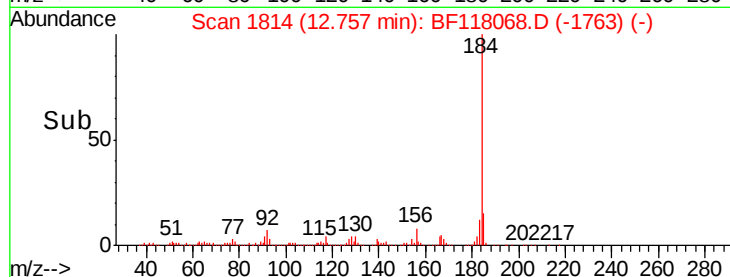
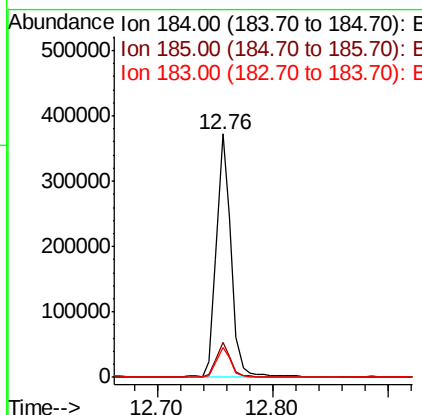
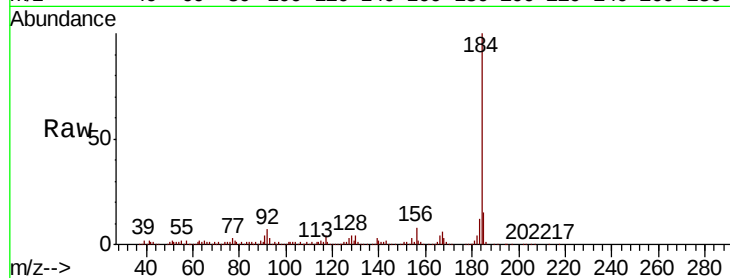
#77
Benzidine
Concen: 29.474 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	14.5	11.6	17.4		
183	12.2	9.7	14.5		

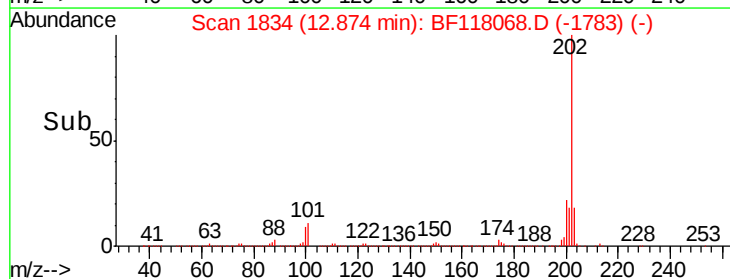
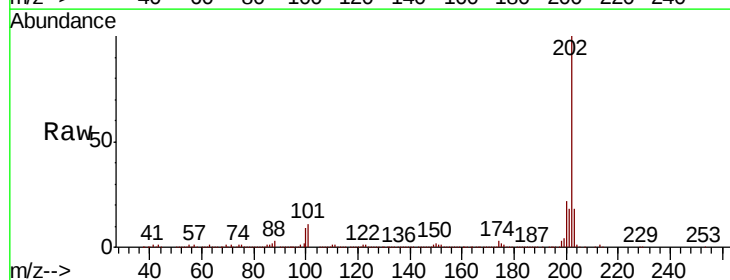
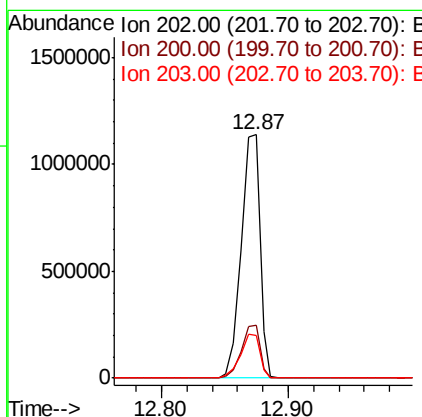
Manual Integrations
APPROVED

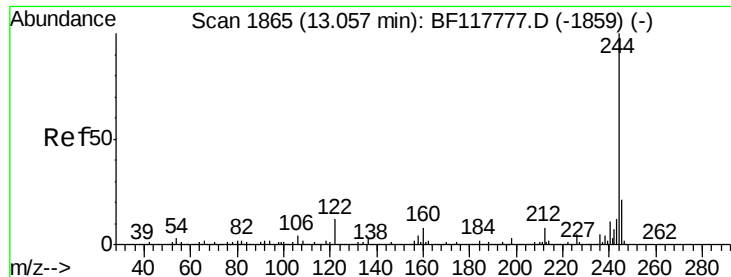
mohammad
12/4/2019 5:01:34 PM



#78
Pyrene
Concen: 42.139 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	21.6	17.0	25.6		
203	17.7	14.2	21.4		





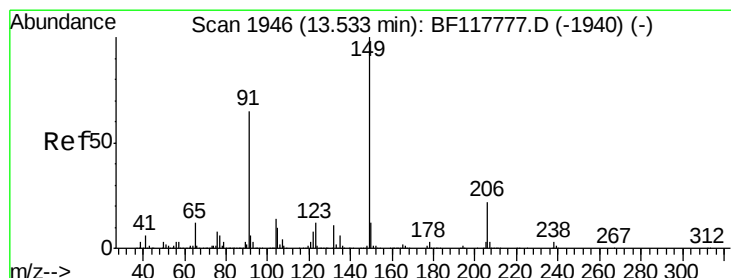
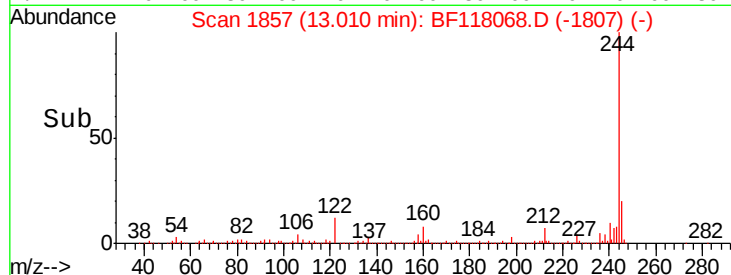
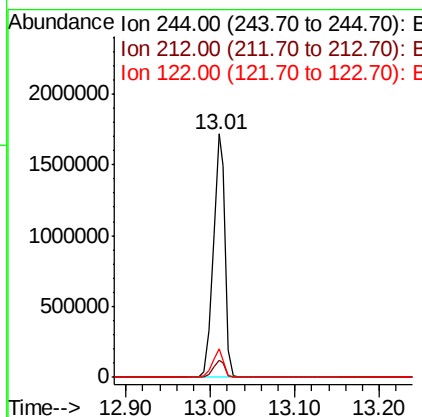
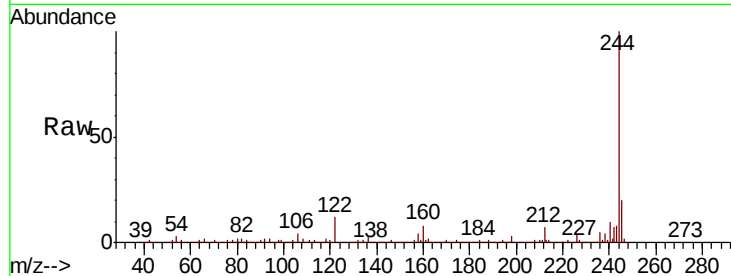
#79
 Terphenyl-d14
 Concen: 90.872 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-3MSD

Tot Ion:244 Resp: 1698635
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.2 7.8
 122 11.6 7.2 10.8#

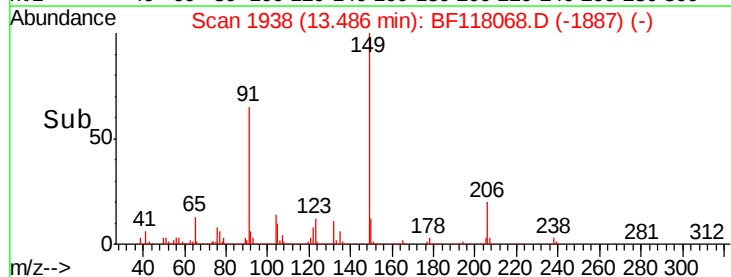
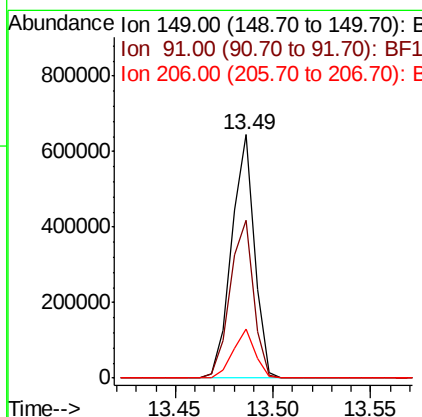
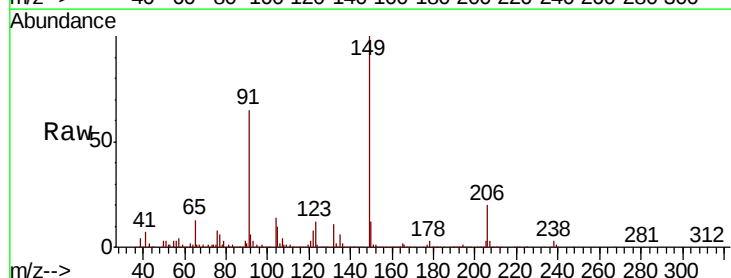
Manual Integrations
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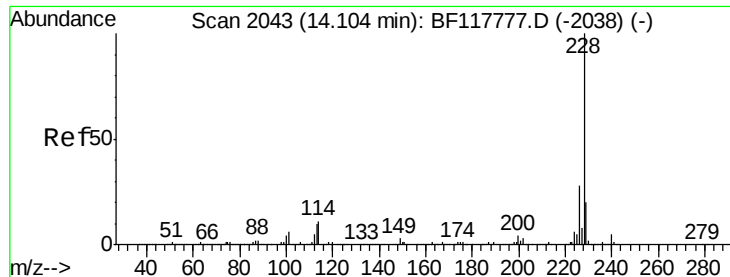
mohammad
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#80
 Butylbenzylphthalate
 Concen: 44.031 ng
 RT: 13.49 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: BF118068.D
 Acq: 3 Dec 2019 18:01

Tgt Ion:149 Resp: 522115
 Ion Ratio Lower Upper
 149 100
 91 64.7 53.1 79.7
 206 20.1 15.8 23.6





#81

Benzo(a)anthracene

Concen: 42.831 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Instrument :

BNA_F

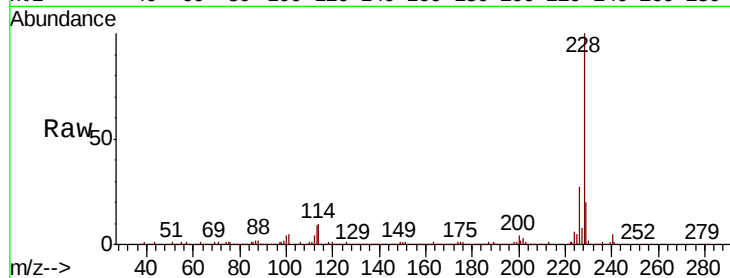
ClientSampled :

SB-3MSD

Tot Ion:	228	Resp:	966917
Ion Ratio	Lower	Upper	
228	100		
226	26.6	21.9	32.9
229	19.9	16.2	24.2

Manual Integrations
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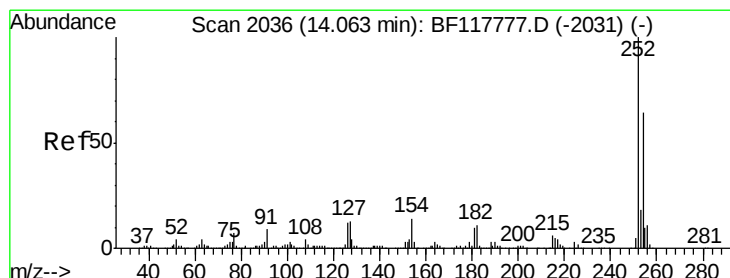
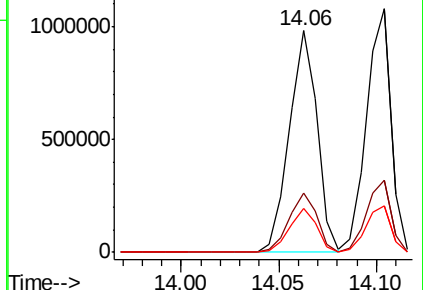
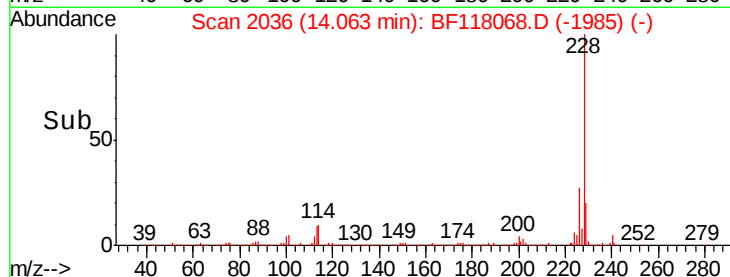


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.084 ng

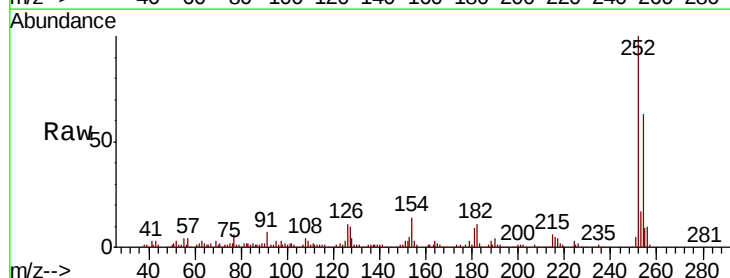
RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF118068.D

Acq: 3 Dec 2019 18:01

Tgt Ion:	252	Resp:	150704
Ion Ratio	Lower	Upper	
252	100		
254	63.1	52.2	78.2
126	10.6	9.3	13.9

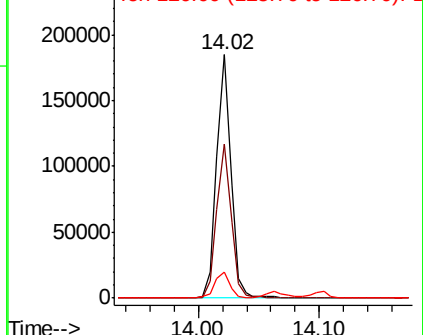
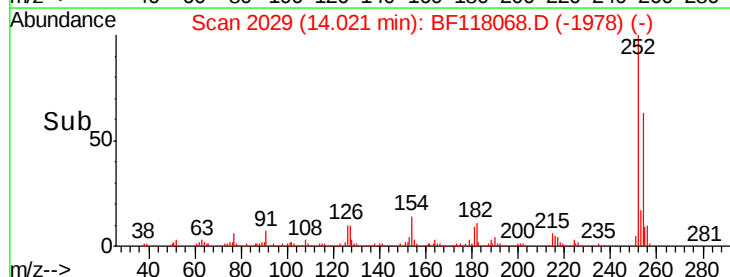


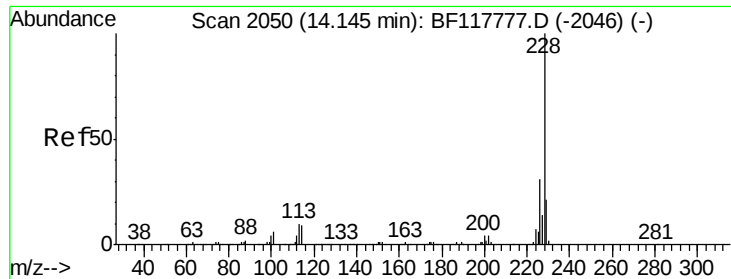
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





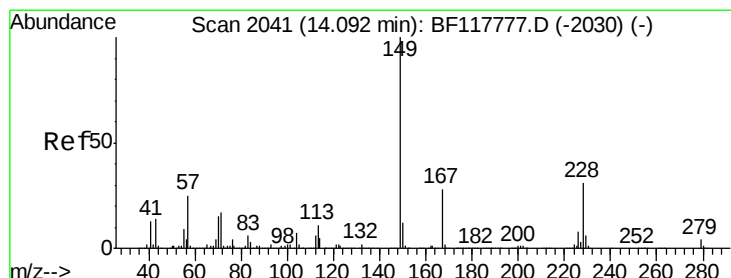
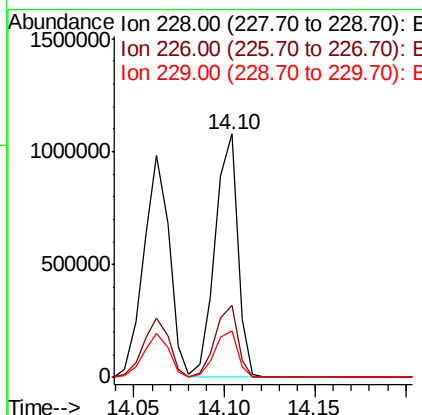
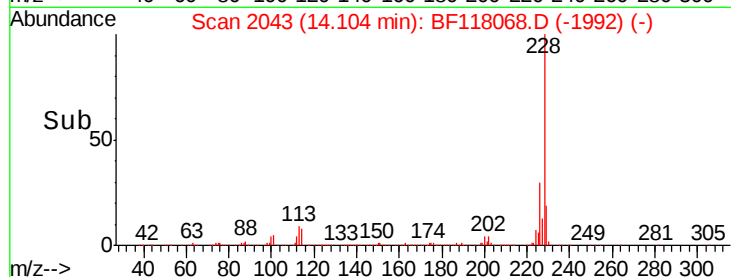
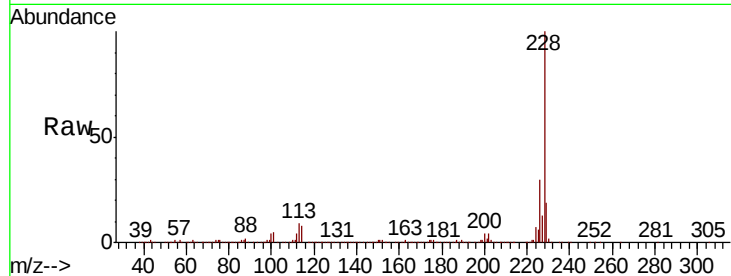
#83
Chrysene
Concen: 43.017 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampled :
SB-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	941012		
226	29.8	23.6	35.4	
229	19.3	16.2	24.2	

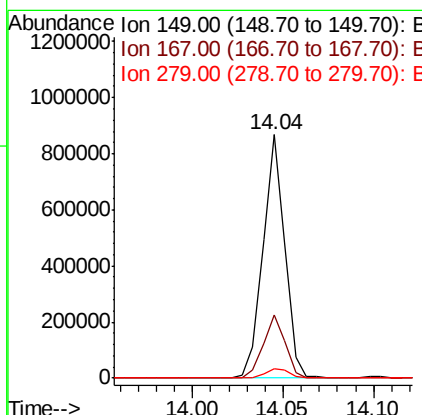
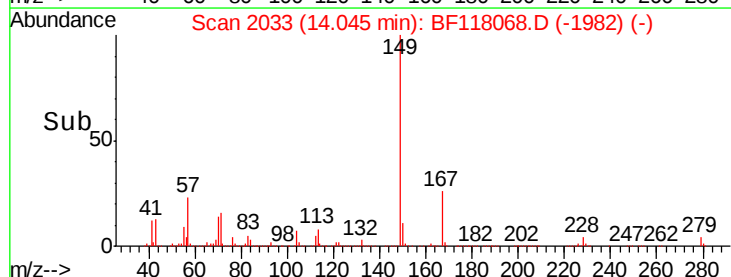
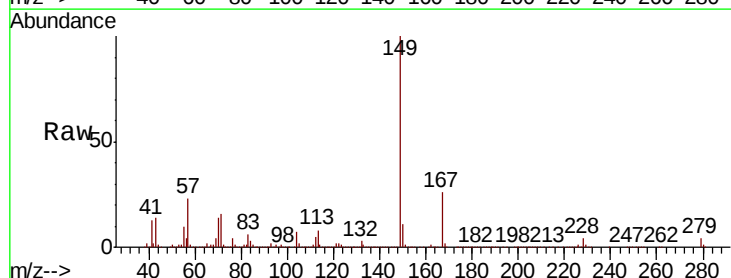
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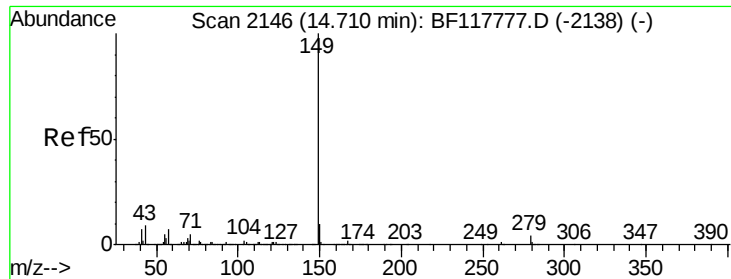
mohammad
12/4/2019 5:01:34 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.408 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	724668		
167	26.1	21.8	32.8	
279	3.9	3.4	5.0	





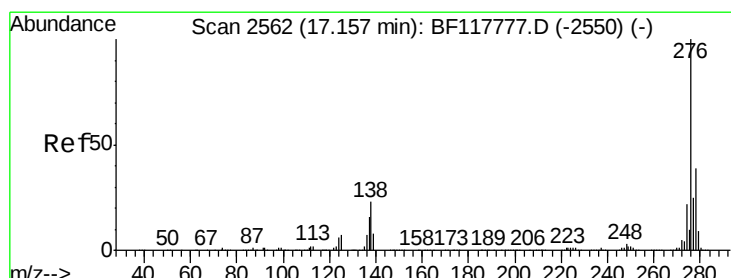
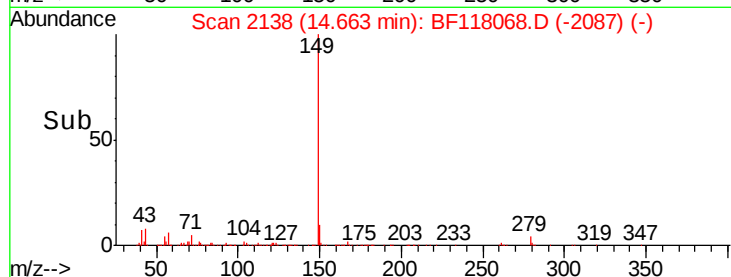
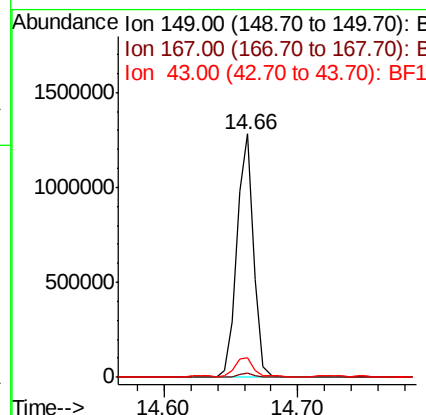
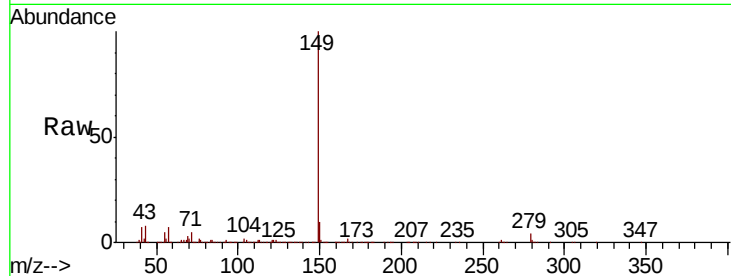
#85
Di-n-octyl phthalate
Concen: 53.240 ng
RT: 14.66 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	6.4	9.6

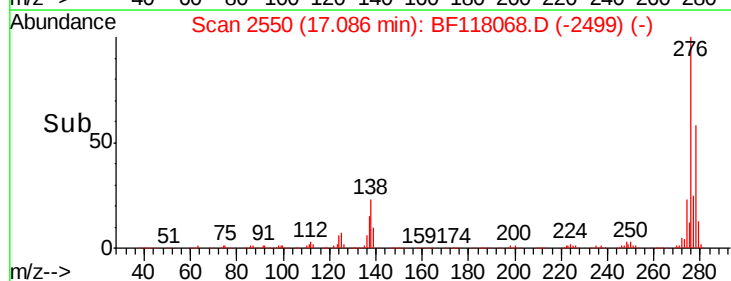
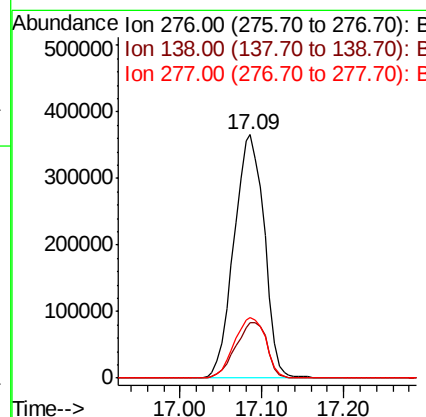
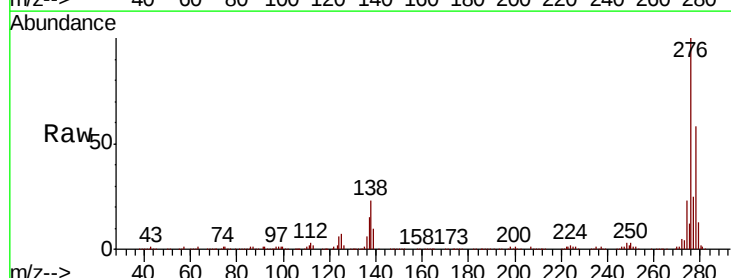
Manual Integrations
APPROVED

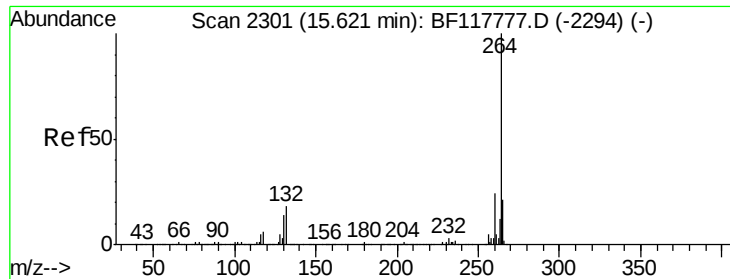
mohammad
12/4/2019 5:01:34 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.645 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.0	28.6
277	25.9	20.7	31.1





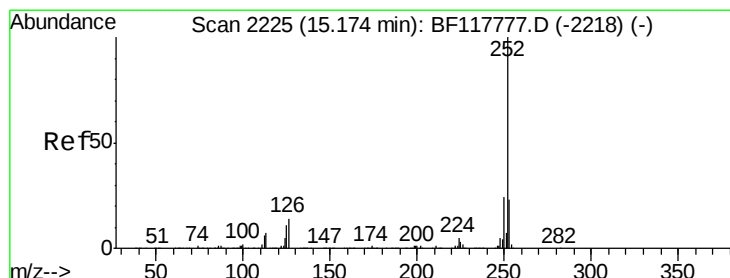
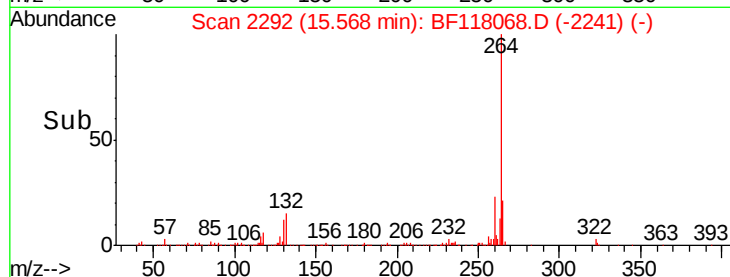
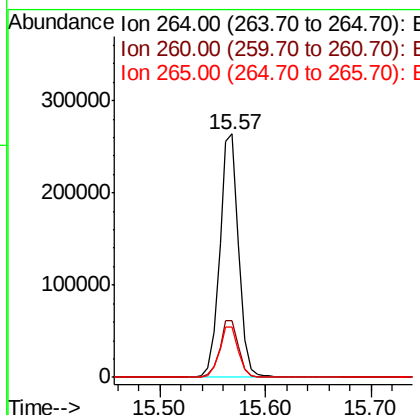
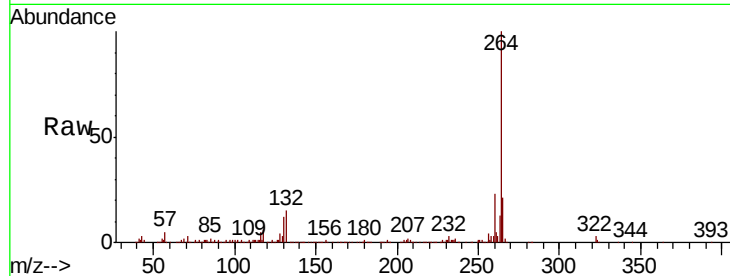
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	20.9	16.4	24.6

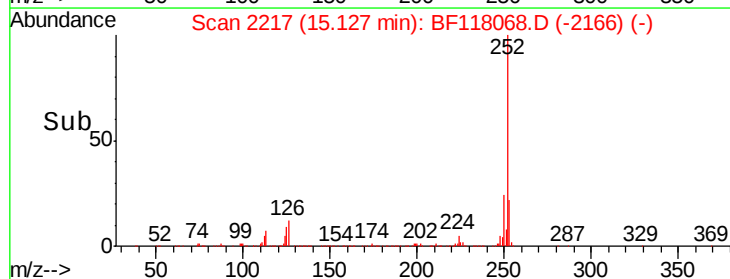
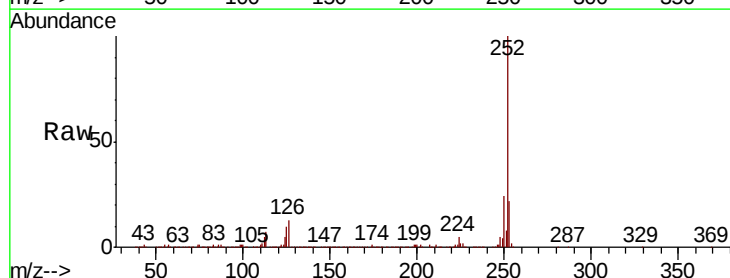
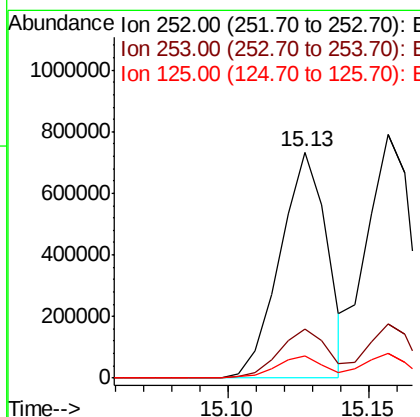
Manual Integrations
APPROVED

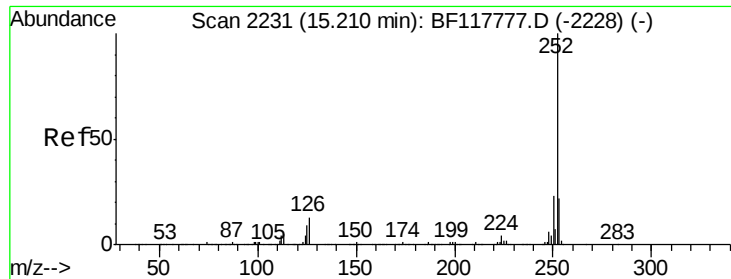
mohammad
12/4/2019 5:01:34 PM



#88
Benzo(b)fluoranthene
Concen: 40.007 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	9.6	7.7	11.5





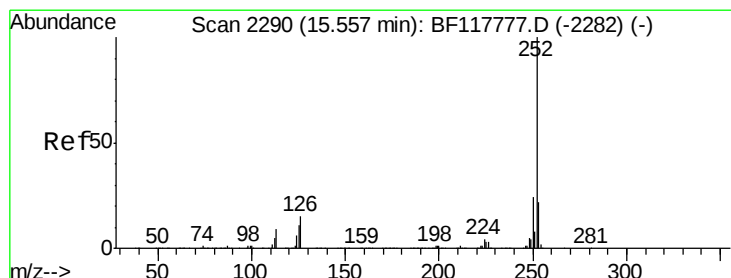
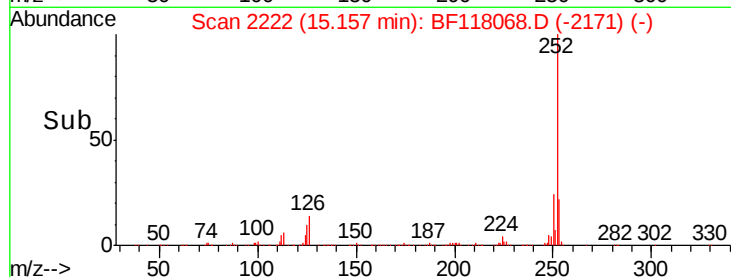
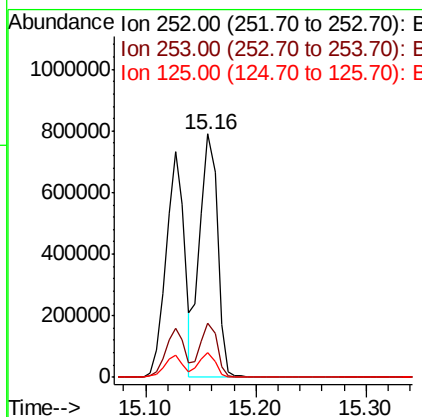
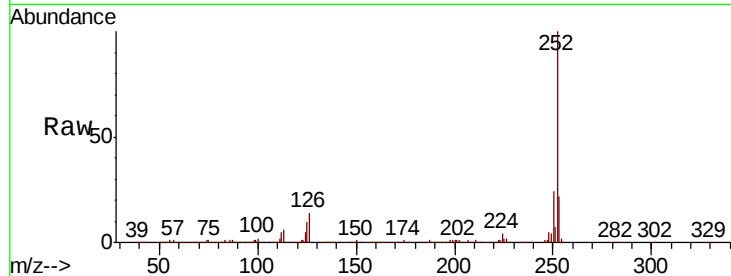
#89
Benzo(k)fluoranthene
Concen: 42.808 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampled :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.2	8.5	12.7

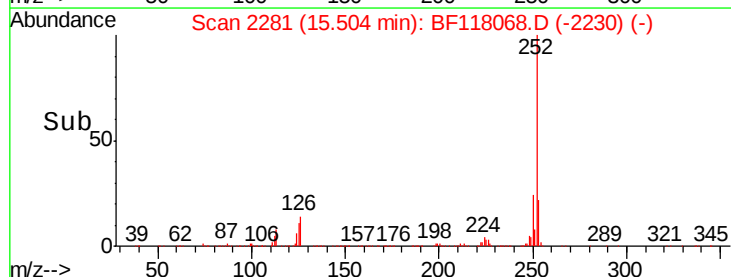
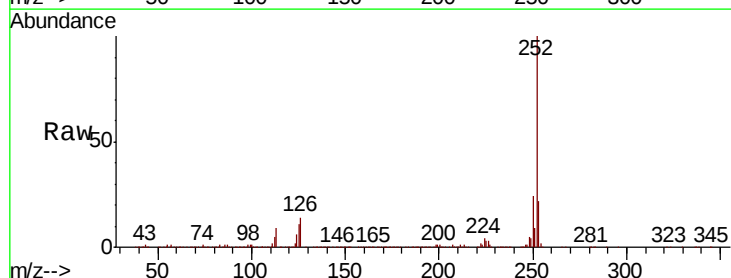
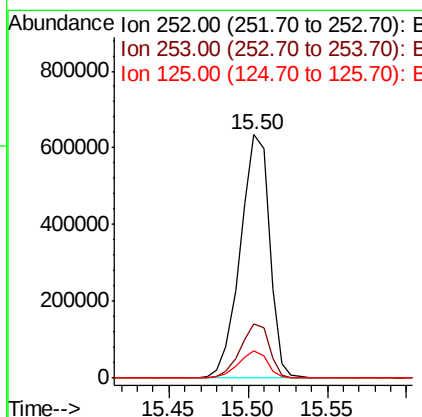
Manual Integrations
APPROVED

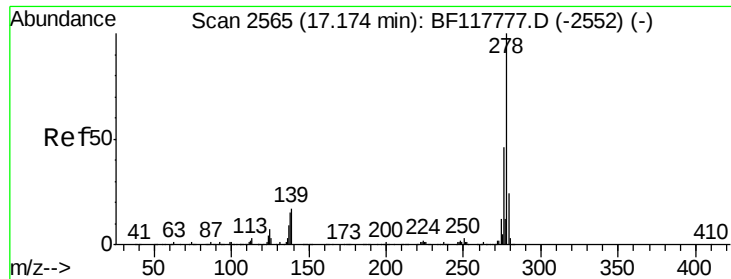
mohammad
12/4/2019 5:01:34 PM



#90
Benzo(a)pyrene
Concen: 43.512 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	11.3	8.9	13.3





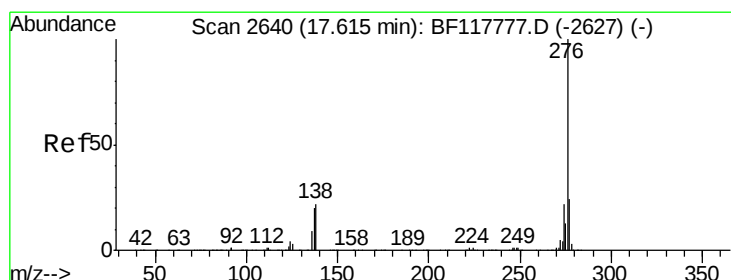
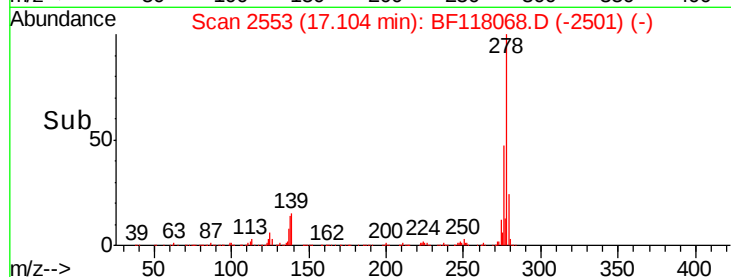
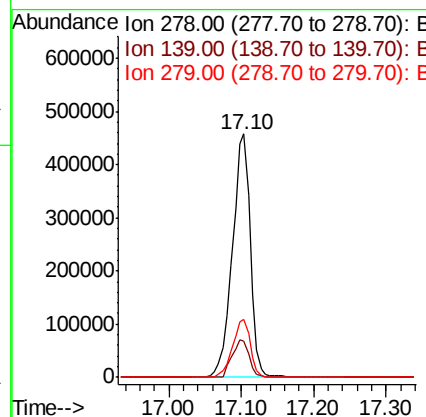
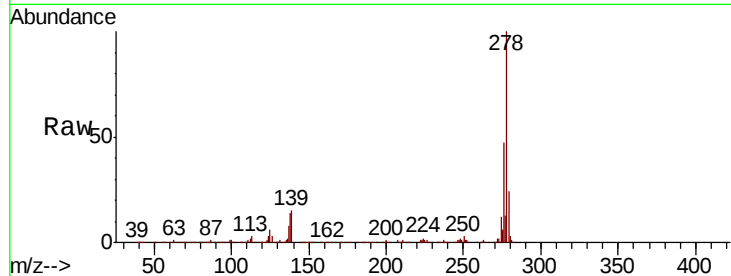
#91
Dibenzo(a,h)anthracene
Concen: 48.897 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
SB-3MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.2	18.4
279	23.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
12/4/2019 5:01:34 PM



#92
Benzo(g,h,i)perylene
Concen: 49.358 ng
RT: 17.54 min Scan# 2628
Delta R.T. 0.01 min
Lab File: BF118068.D
Acq: 3 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.4
138	21.0	16.6	25.0

