

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118084.D
 Acq On : 4 Dec 2019 14:11
 Operator : JU
 Sample : PB125225BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125225BS

Manual Integrations
 APPROVED

mohammad
 12/5/2019 10:50:38 AM

Quant Time: Dec 05 01:06:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	168106	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	660515	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	353255	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	672536	20.00	ng	0.00
76) Chrysene-d12	14.08	240	553558	20.00	ng	0.00
87) Perylene-d12	15.57	264	413403	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1163625	122.53	ng	0.02
7) Phenol-d6	6.52	99	1588339	138.66	ng	0.00
23) Nitrobenzene-d5	7.45	82	775503	69.79	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	484497	129.55	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1451469	73.71	ng	0.00
79) Terphenyl-d14	13.02	244	1979289	65.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	164489	37.054	ng	98
3) Pyridine	3.48	79	399527	34.309	ng	98
4) n-Nitrosodimethylamine	3.43	42	197264	38.807	ng	88
6) Aniline	6.54	93	489091	32.311	ng	100
8) 2-Chlorophenol	6.67	128	531853	51.611	ng	98
9) Benzaldehyde	6.43	77	197286	23.283	ng	98
10) Phenol	6.53	94	610140	51.258	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	484860	50.724	ng	96
12) 1,3-Dichlorobenzene	6.82	146	503630	41.512	ng	97
13) 1,4-Dichlorobenzene	6.90	146	527447	43.011	ng	98
14) 1,2-Dichlorobenzene	7.05	146	564721	48.150	ng	100
15) Benzyl Alcohol	7.02	79	446696	50.510	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	596577	40.537	ng	99
17) 2-Methylphenol	7.13	107	454608	52.093	ng	99
18) Hexachloroethane	7.39	117	217127	48.198	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	349602	49.471	ng	97
20) 3+4-Methylphenols	7.29	107	543404	50.162	ng	95
22) Acetophenone	7.29	105	722207	48.667	ng	95
24) Nitrobenzene	7.46	77	550989	48.068	ng	97
25) Isophorone	7.70	82	990750	48.649	ng	100
26) 2-Nitrophenol	7.78	139	327938	58.779	ng	99
27) 2,4-Dimethylphenol	7.82	122	485662	56.020	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	625844	48.428	ng	99
29) 2,4-Dichlorophenol	8.03	162	392789	41.769	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	442695	40.585	ng	100
31) Naphthalene	8.19	128	1356052	44.038	ng	99
32) Benzoic acid	7.95	122	314500	43.326	ng	97
33) 4-Chloroaniline	8.23	127	340034	24.667	ng	100
34) Hexachlorobutadiene	8.30	225	257168	40.324	ng	97
35) Caprolactam	8.62	113	123345m	41.271	ng	
36) 4-Chloro-3-methylphenol	8.73	107	413914	43.371	ng	94
37) 2-Methylnaphthalene	8.89	142	943066	45.328	ng	98
38) 1-Methylnaphthalene	8.99	142	879360	44.707	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	419647	40.906	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	391457	68.090	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	290674	39.558	nq	100
44) 2,4,5-Trichlorophenol	9.21	196	312893	41.012	nq	97
46) 1,1'-Biphenyl	9.35	154	1126892	42.998	nq	99
47) 2-Chloronaphthalene	9.37	162	875495	40.607	nq	99
48) 2-Nitroaniline	9.47	65	250507	38.485	nq	95
49) Acenaphthylene	9.79	152	1357360	43.181	nq	100
50) Dimethylphthalate	9.65	163	1036429	41.839	nq	99
51) 2,6-Dinitrotoluene	9.72	165	233141	43.063	nq	92
52) Acenaphthene	9.97	154	801899	39.823	nq	99
53) 3-Nitroaniline	9.89	138	190822	29.456	nq	94
54) 2,4-Dinitrophenol	10.00	184	232807	83.357	nq	97
55) Dibenzofuran	10.14	168	1212951	43.500	nq	100
56) 4-Nitrophenol	10.06	139	377198	78.005	nq	97
57) 2,4-Dinitrotoluene	10.12	165	311033	45.163	nq	# 85
58) Fluorene	10.49	166	935952	43.315	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	257827	41.130	nq	99
60) Diethylphthalate	10.36	149	1052891	43.596	nq	98
61) 4-Chlorophenyl-phenylether	10.47	204	469662	42.830	nq	95
62) 4-Nitroaniline	10.50	138	243251	37.502	nq	99
63) Azobenzene	10.63	77	890478	40.528	nq	99
65) 4,6-Dinitro-2-methylphenol	10.54	198	163143	51.962	nq	98
66) n-Nitrosodiphenylamine	10.59	169	842627	43.051	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	303063	41.764	nq	97
68) Hexachlorobenzene	11.04	284	348690	41.209	nq	# 91
69) Atrazine	11.12	200	285637	44.364	nq	99
70) Pentachlorophenol	11.23	266	360626	72.950	nq	99
71) Phenanthrene	11.45	178	1448024	42.825	nq	99
72) Anthracene	11.50	178	1504069	44.865	nq	100
73) Carbazole	11.66	167	1373120	46.871	nq	100
74) Di-n-butylphthalate	11.99	149	1771809	48.575	nq	99
75) Fluoranthene	12.65	202	1726968	58.313	nq	99
77) Benzidine	12.76	184	248642	13.713	nq	99
78) Pyrene	12.87	202	1670616	37.344	nq	100
80) Butylbenzylphthalate	13.49	149	825383	42.957	nq	97
81) Benzo(a)anthracene	14.07	228	1448764	39.605	nq	100
82) 3,3'-Dichlorobenzidine	14.03	252	390031	30.482	nq	97
83) Chrysene	14.11	228	1402245	39.560	nq	99
84) Bis(2-ethylhexyl)phthalate	14.05	149	1023607	43.942	nq	99
85) Di-n-octyl phthalate	14.66	149	1782835	52.097	nq	100
86) Indeno(1,2,3-cd)pyrene	17.10	276	1202225	39.851	nq	98
88) Benzo(b)fluoranthene	15.13	252	1376855	51.262	nq	98
89) Benzo(k)fluoranthene	15.17	252	1282719	50.686	nq	98
90) Benzo(a)pyrene	15.52	252	1168021	49.454	nq	99
91) Dibenzo(a,h)anthracene	17.12	278	1041982	51.257	nq	99
92) Benzo(g,h,i)perylene	17.56	276	968728	47.843	nq	99

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



#1

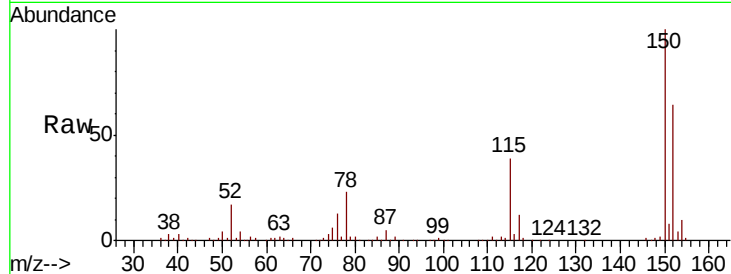
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	121.4	182.2
115	59.9	48.8	73.2

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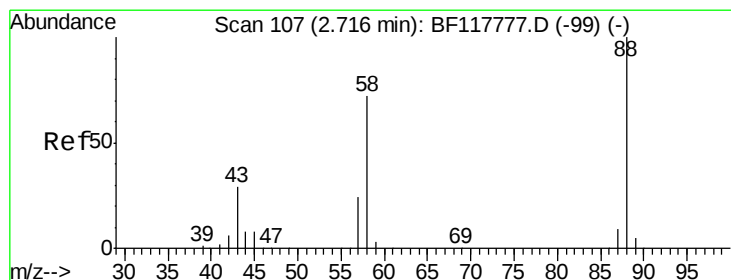
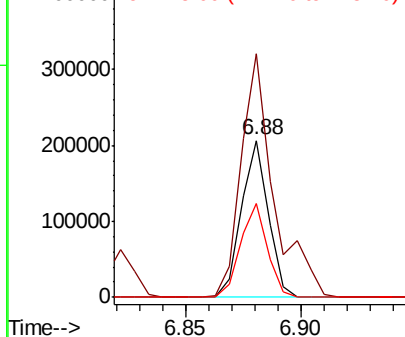
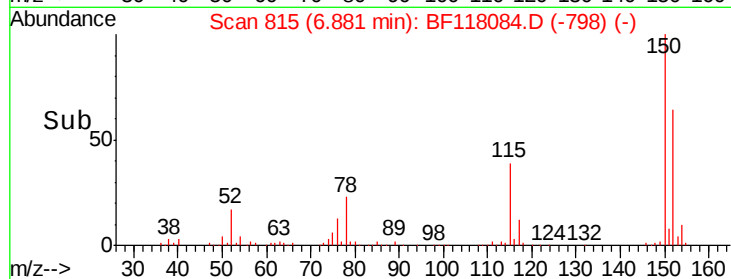


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

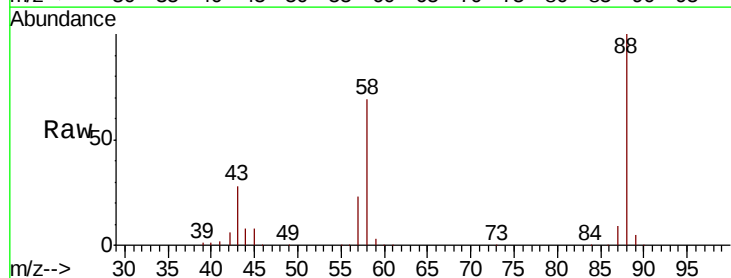
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.054 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.10 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	52.6	78.8
43	27.3	21.8	32.6

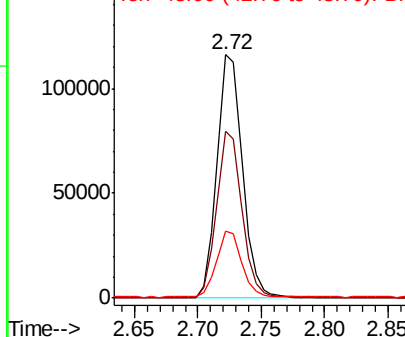
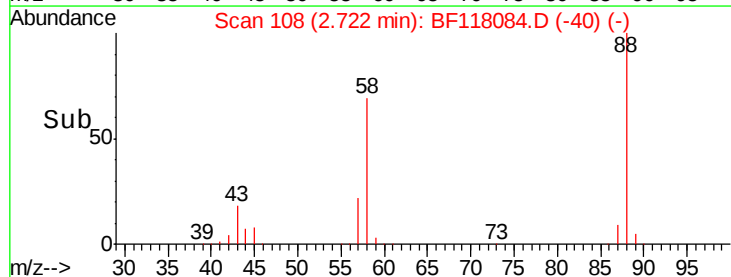


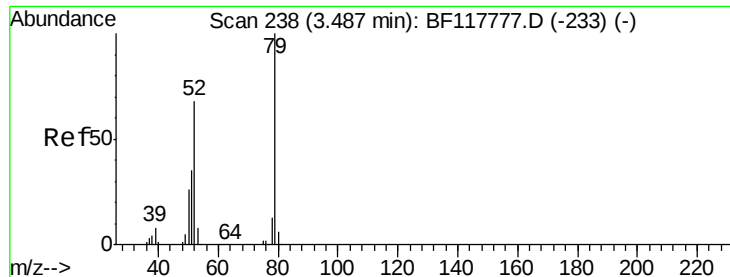
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.309 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.10 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

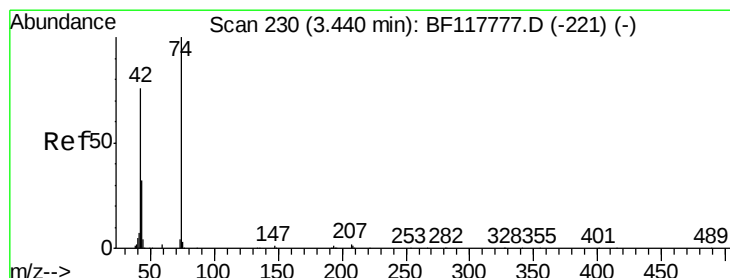
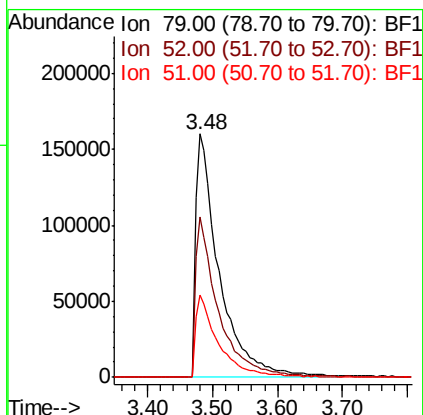
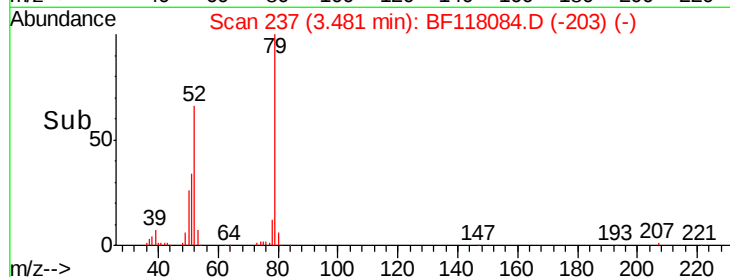
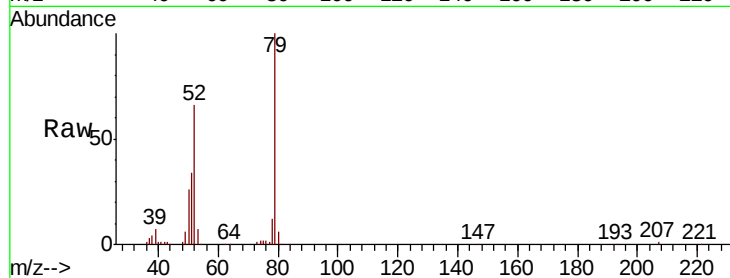
ClientSampleId :

PB125225BS

Tot Ion:	79	Resp:	399527
Ion Ratio	Lower	Upper	
79	100		
52	65.7	50.6	75.8
51	33.8	26.8	40.2

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#4

n-Nitrosodimethylamine

Concen: 38.807 ng

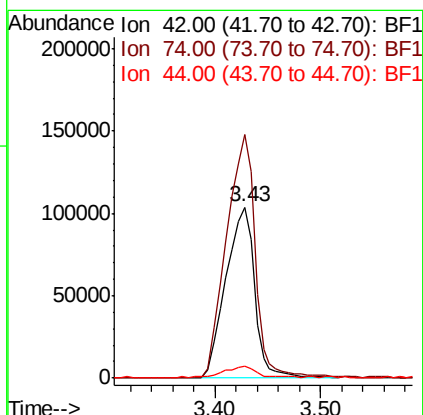
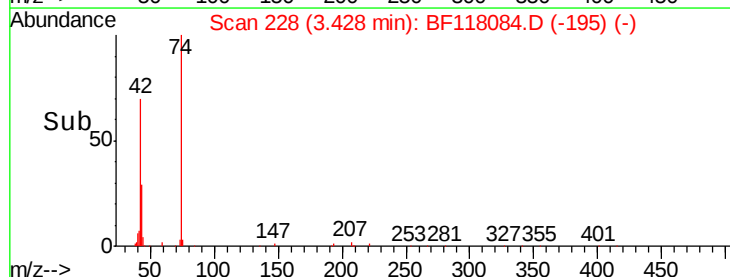
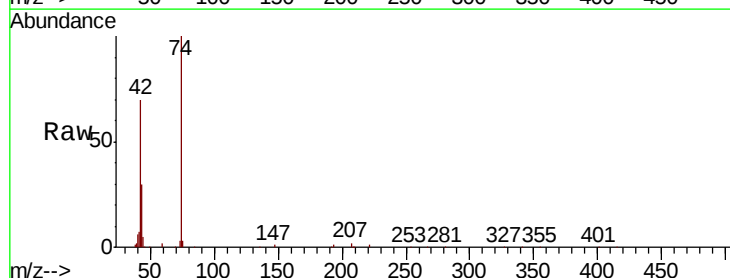
RT: 3.43 min Scan# 228

Delta R.T. 0.09 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Tgt Ion:	42	Resp:	197264
Ion Ratio	Lower	Upper	
42	100		
74	142.7	102.8	154.2
44	6.6	4.7	7.1





#5

2-Fluorophenol

Concen: 122.526 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

PB125225BS

Tot Ion:112 Resp: 1163625

Ion Ratio Lower Upper

112 100

64 50.7 45.1 67.7

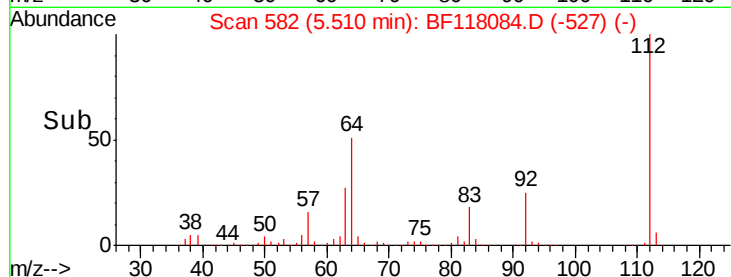
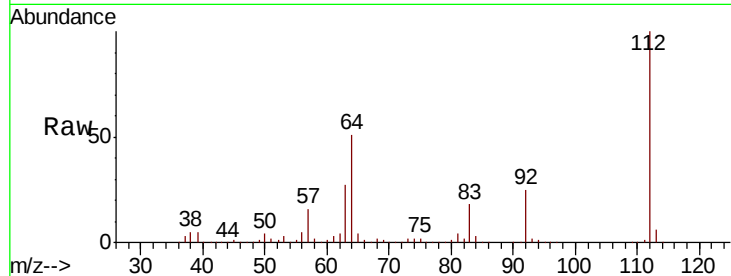
63 26.8 24.6 37.0

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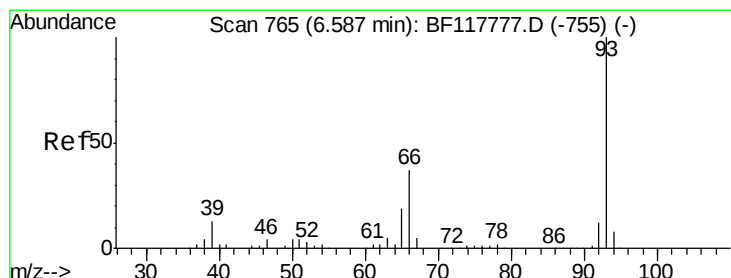
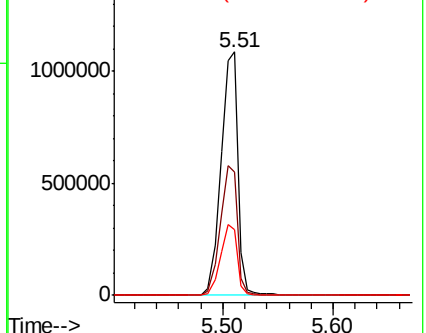
12/5/2019 10:50:38 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.311 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

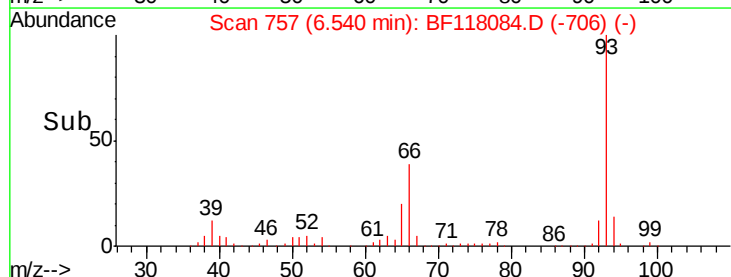
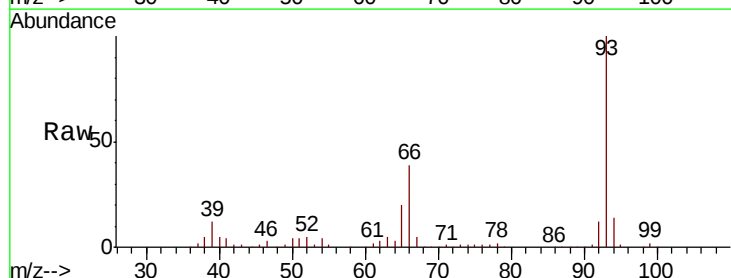
Tgt Ion: 93 Resp: 489091

Ion Ratio Lower Upper

93 100

66 38.8 31.0 46.6

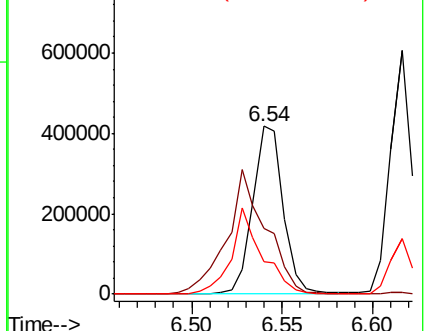
65 19.6 15.8 23.8

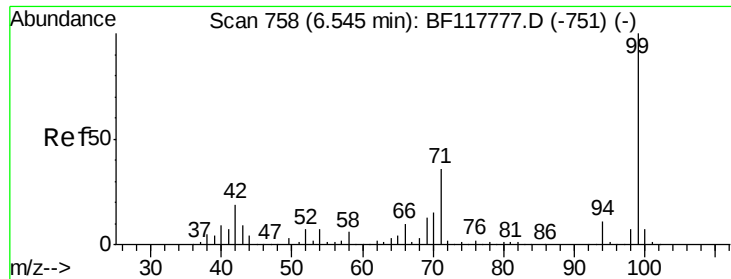


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 138.661 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

PB125225BS

Tot Ion: 99 Resp: 1588339

Ion Ratio Lower Upper

99 100

42 17.2 14.0 21.0

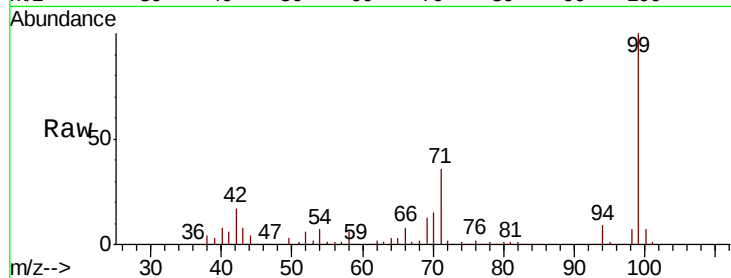
71 36.0 29.2 43.8

Manual Integrations

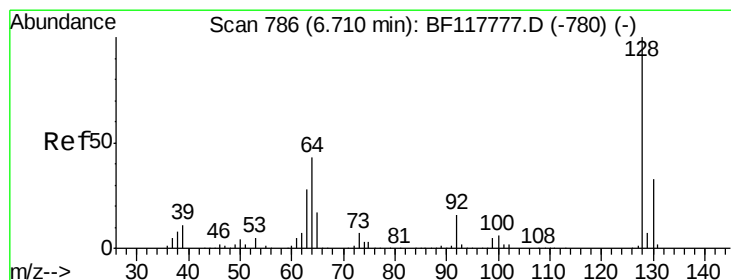
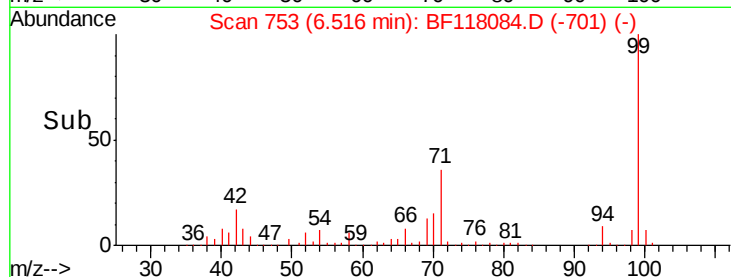
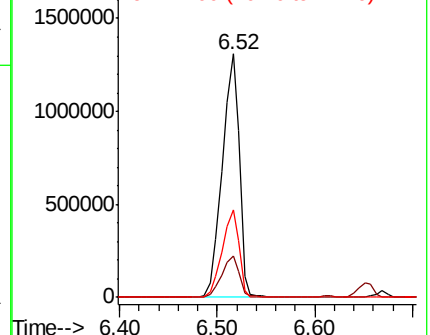
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 51.611 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

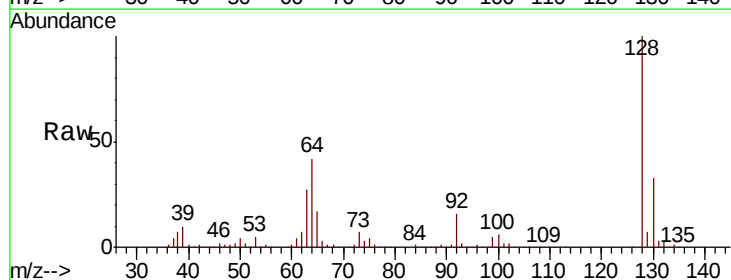
Tgt Ion:128 Resp: 531853

Ion Ratio Lower Upper

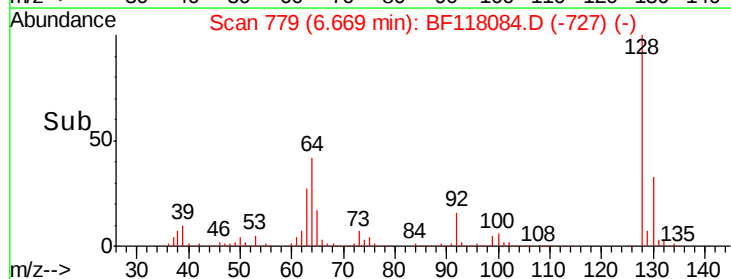
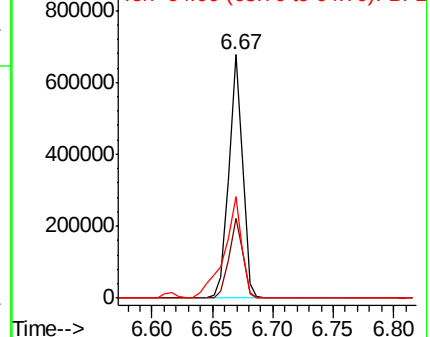
128 100

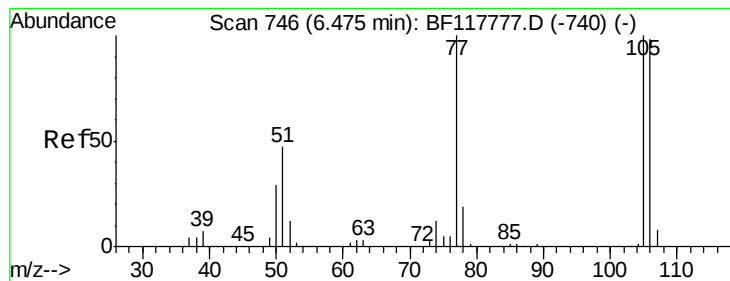
130 32.8 12.4 52.4

64 41.6 23.2 63.2



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





#9

Benzaldehyde

Concen: 23.283 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

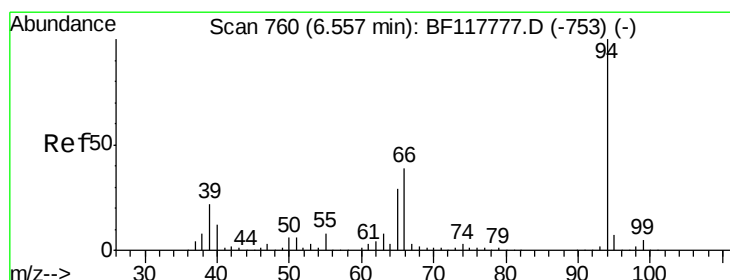
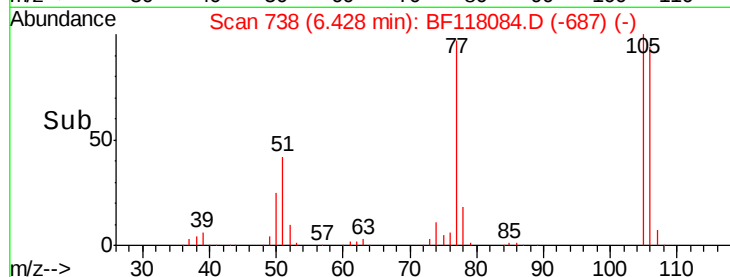
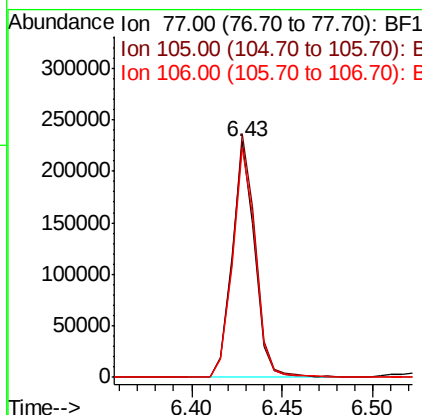
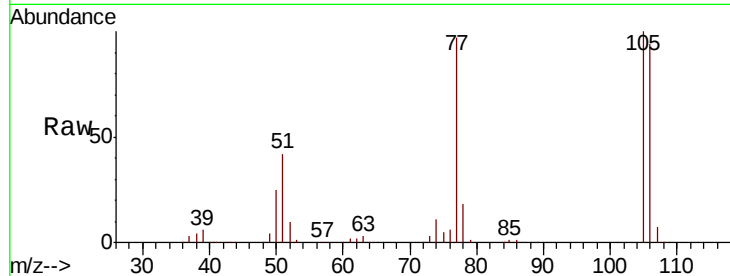
ClientSampleId :

PB125225BS

Tot Ion	77	Resp	197286
Ion	Ratio	Lower	Upper
77	100		
105	103.2	83.3	123.3
106	97.1	80.9	120.9

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#10

Phenol

Concen: 51.258 ng

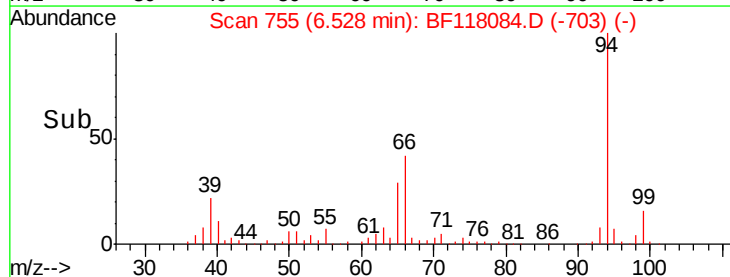
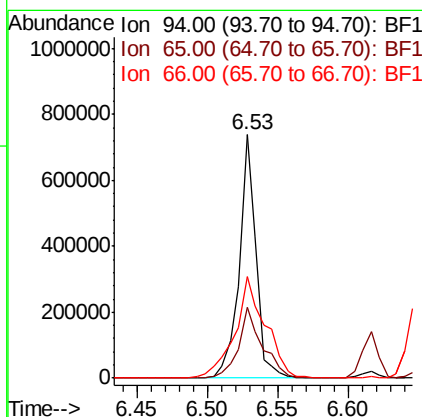
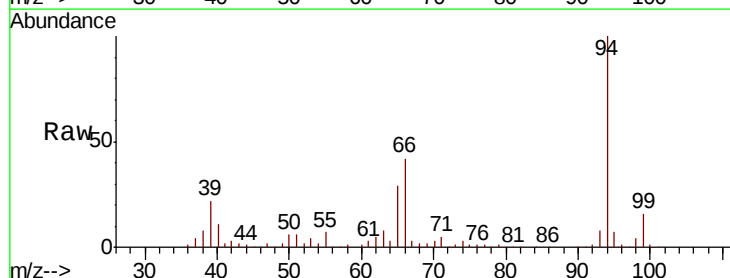
RT: 6.53 min Scan# 755

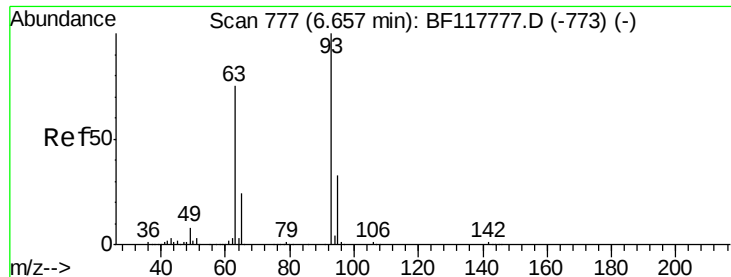
Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Tgt Ion	94	Resp	610140
Ion	Ratio	Lower	Upper
94	100		
65	29.0	6.9	46.9
66	41.8	18.6	58.6





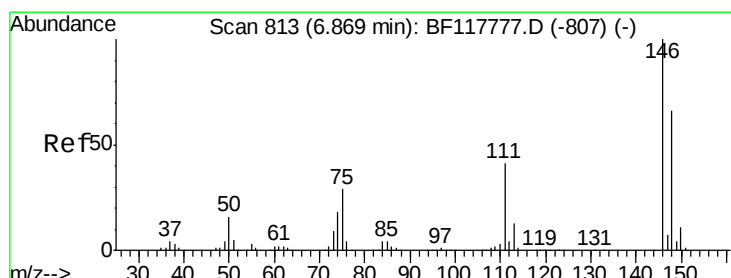
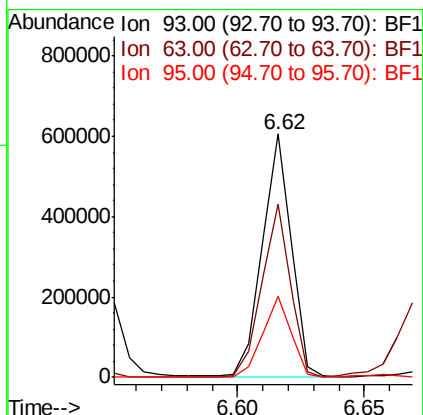
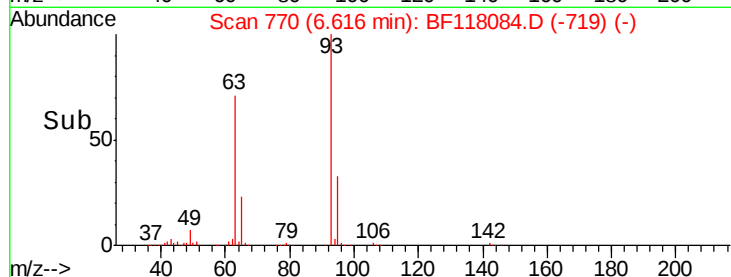
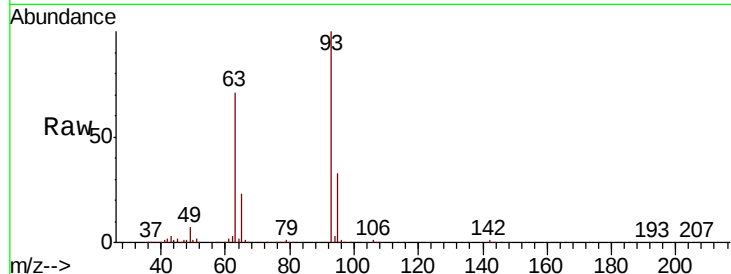
#11
bis(2-Chloroethyl)ether
Concen: 50.724 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	484860		
63	71.1	46.8	86.8	
95	33.1	12.0	52.0	

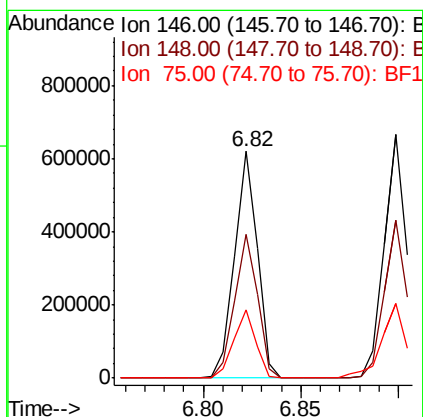
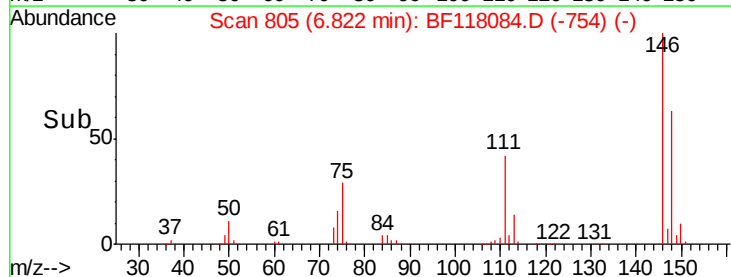
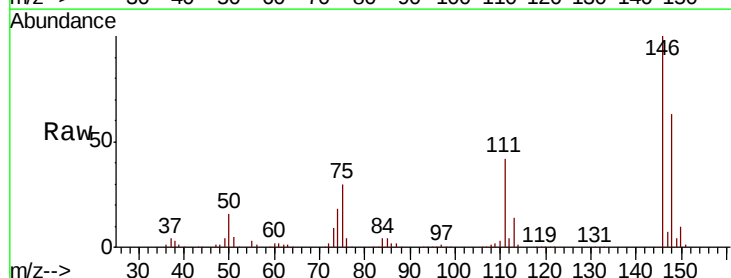
Manual Integrations
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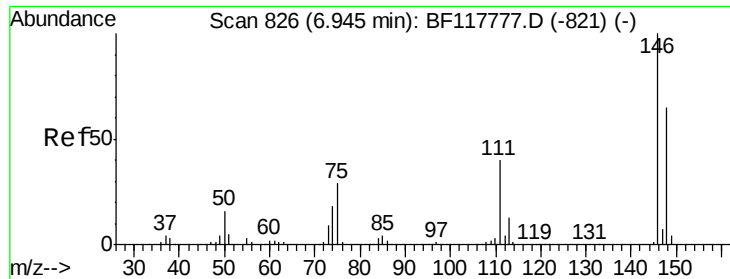
mohammad
12/5/2019 10:50:38 AM



#12
1,3-Dichlorobenzene
Concen: 41.512 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	503630		
148	63.3	52.7	79.1	
75	29.9	24.5	36.7	





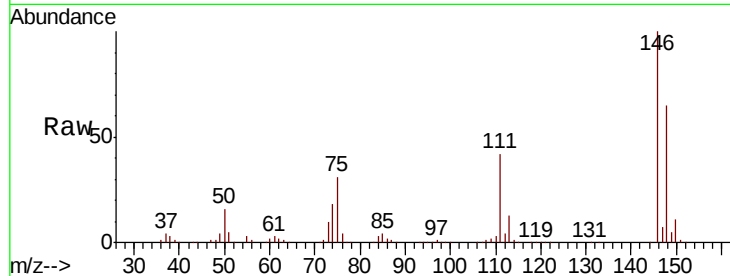
#13
1,4-Dichlorobenzene
Concen: 43.011 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	42.0	34.6	51.8

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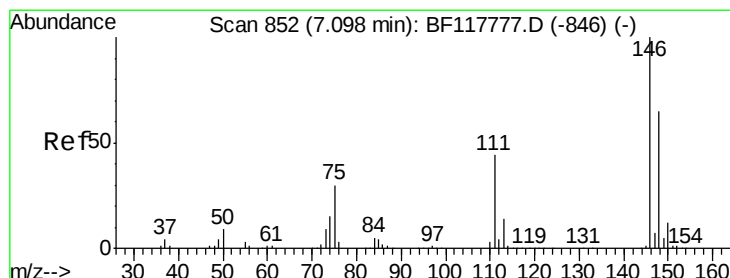
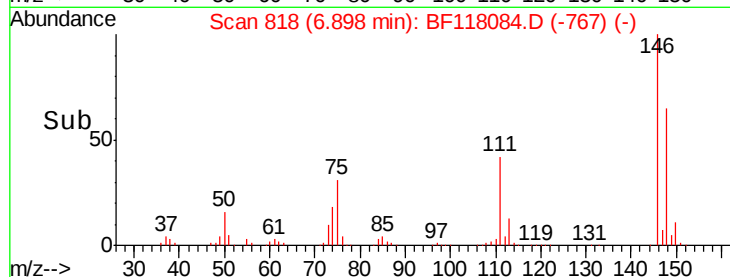
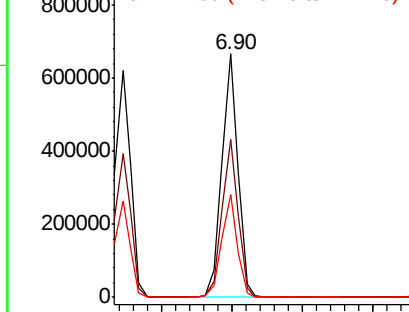


Abundance

Ion 146.00 (145.70 to 146.70): E

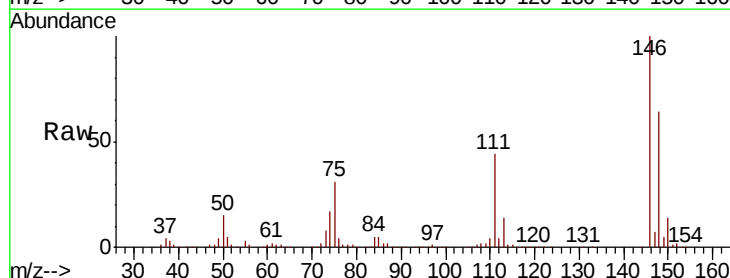
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 48.150 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
111	44.5	35.8	53.8

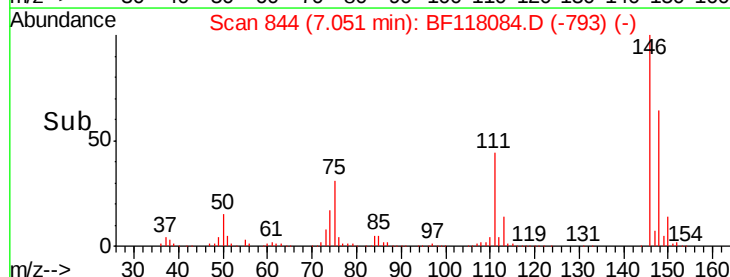
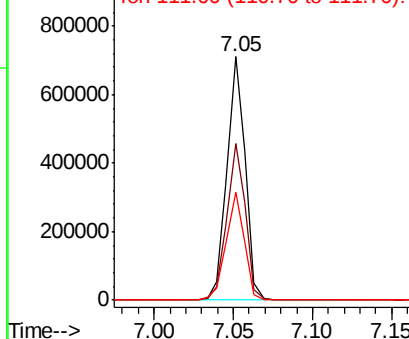


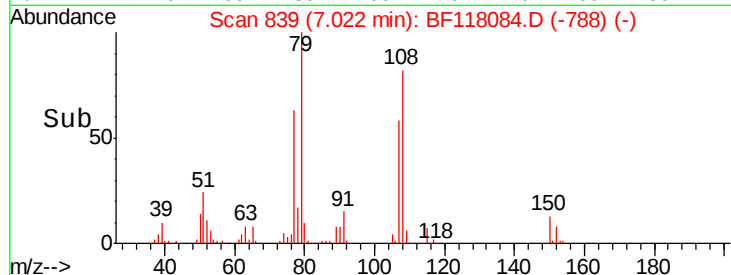
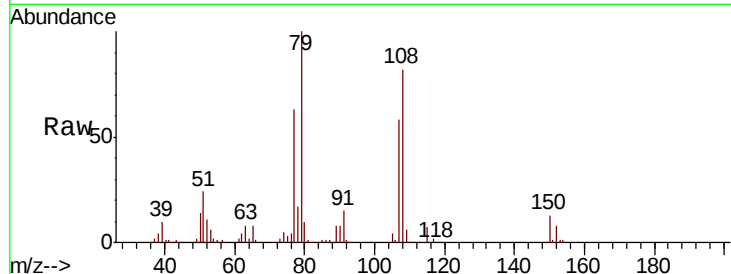
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





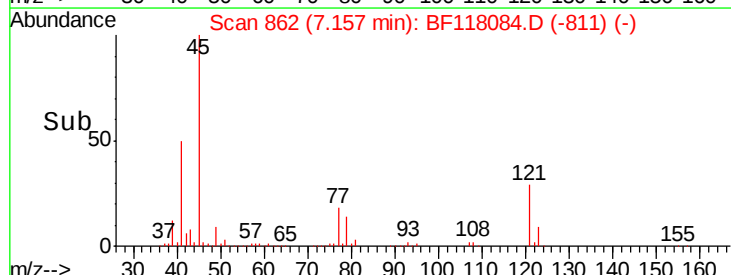
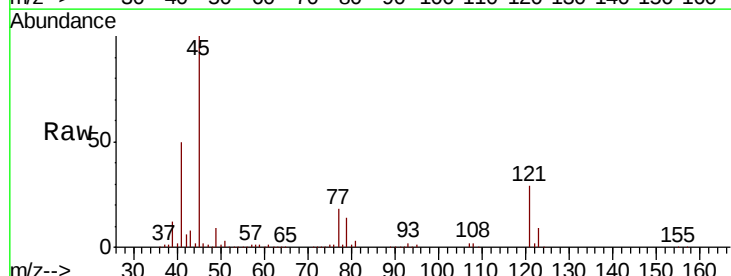
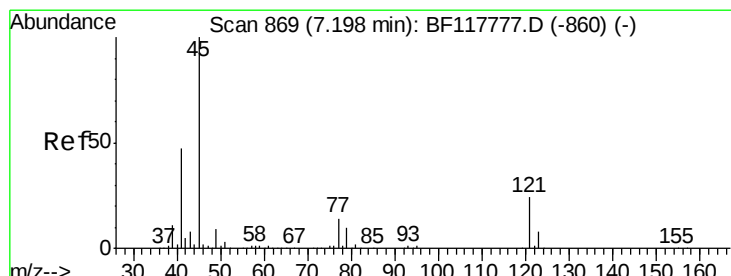
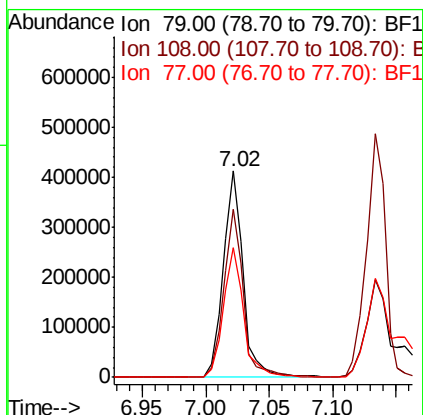
#15
Benzyl Alcohol
Concen: 50.510 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	81.7	63.1	94.7	
77	62.7	50.6	76.0	

Instrument :
BNA_F
ClientSampleId :
PB125225BS

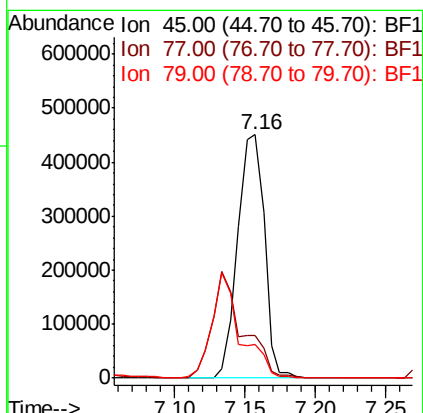
Manual Integrations
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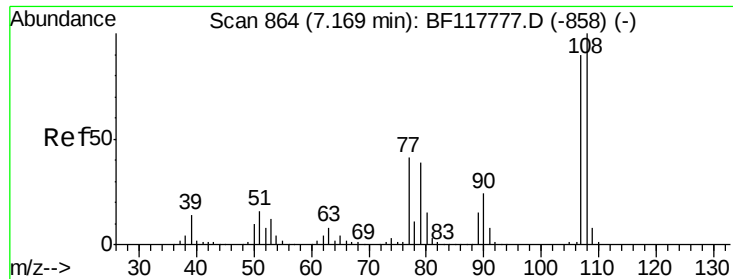
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.537 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	17.6	0.0	36.8	
79	13.9	0.0	33.5	





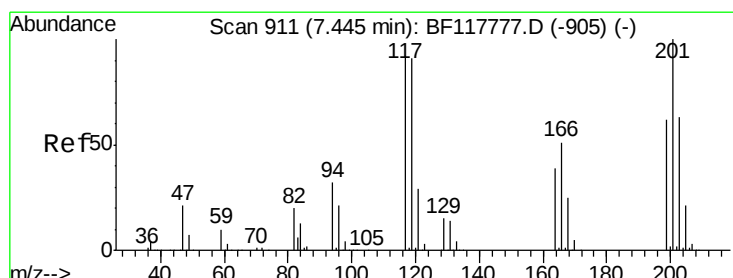
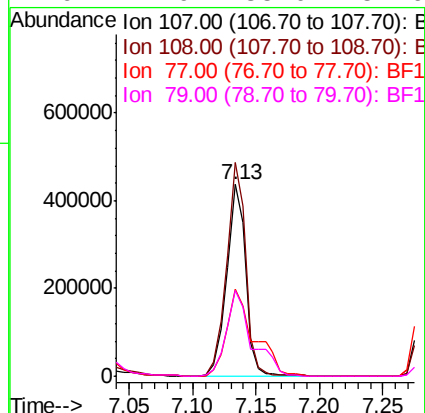
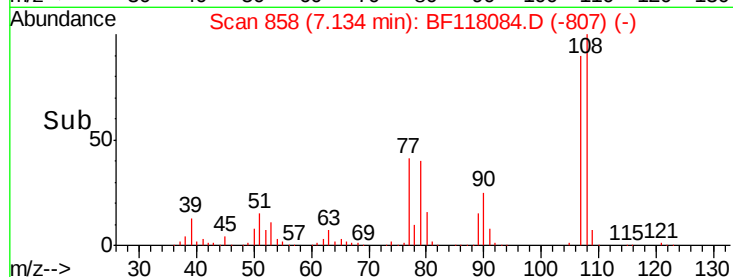
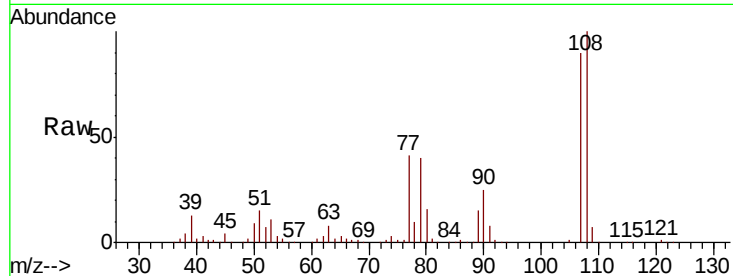
#17
2-Methylphenol
Concen: 52.093 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	89.8	134.8	
77	45.3	35.0	52.6	
79	44.9	35.0	52.6	

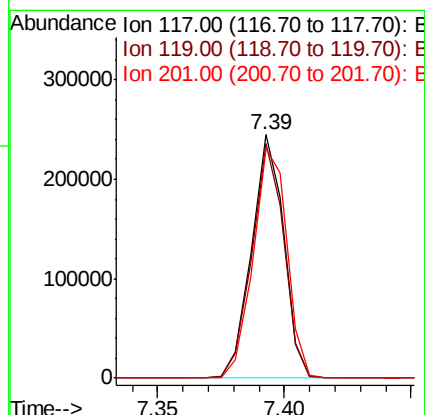
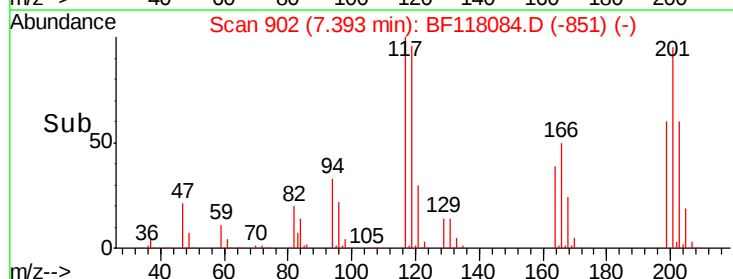
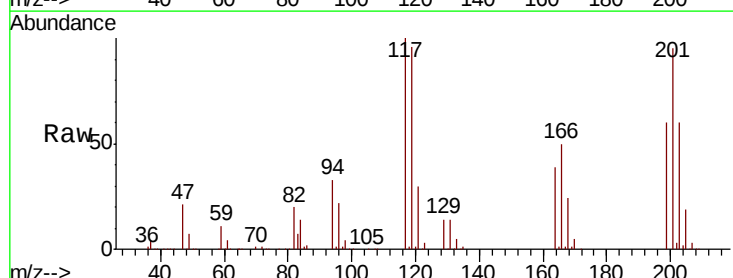
Manual Integrations
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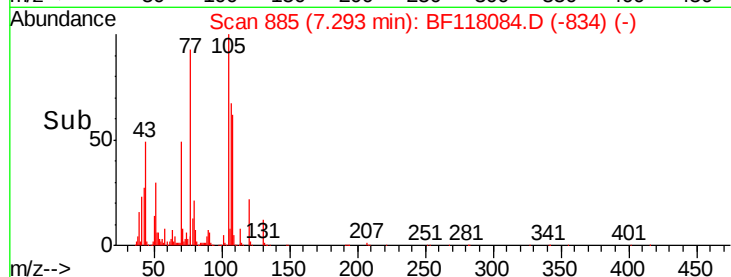
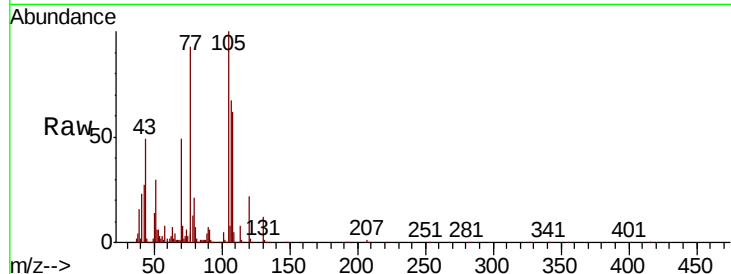
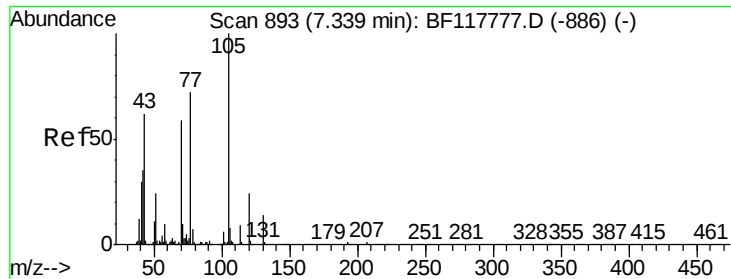
mohammad
12/5/2019 10:50:38 AM



#18
Hexachloroethane
Concen: 48.198 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	76.4	114.6	
201	94.5	71.7	107.5	





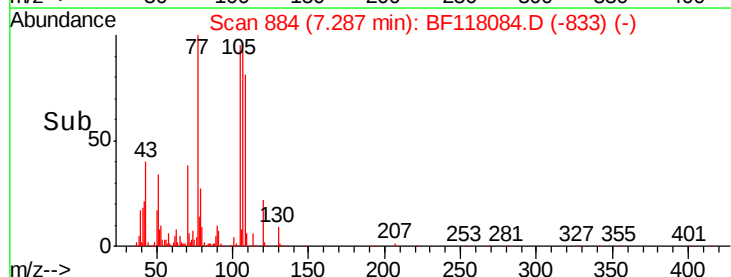
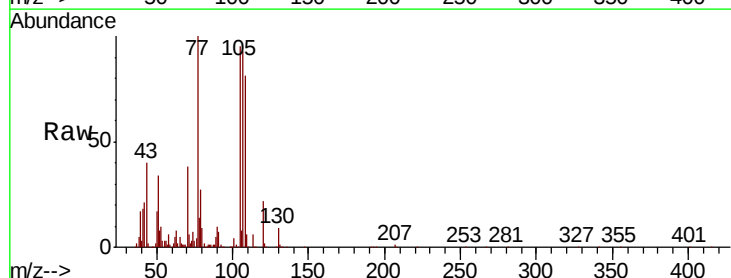
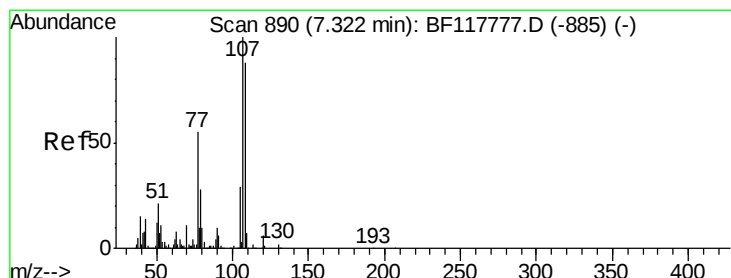
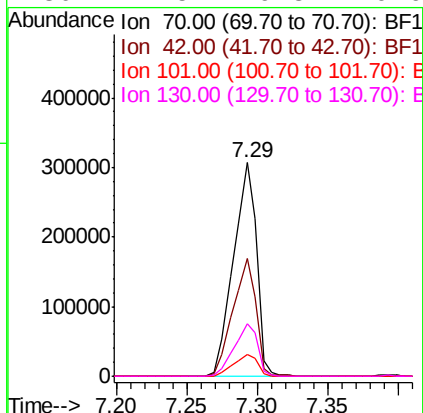
#19
n-Nitroso-di-n-propylamine
Concen: 49.471 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.9	46.0	69.0
101	10.1	8.8	13.2
130	24.5	19.8	29.6

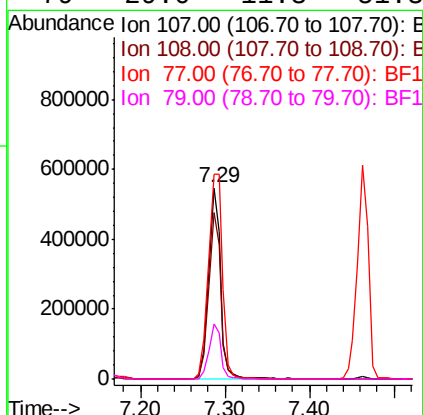
Manual Integrations
APPROVED

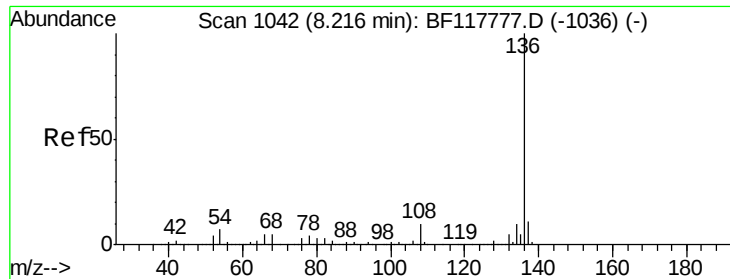
mohammad
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#20
3+4-Methylphenols
Concen: 50.162 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	71.9	111.9
77	107.0	91.6	131.6
79	29.0	11.3	51.3





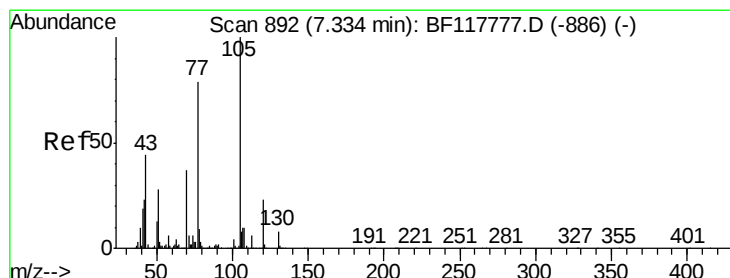
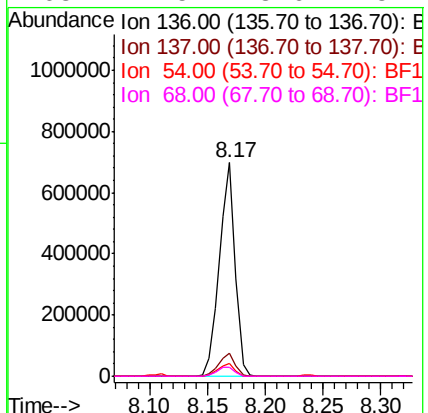
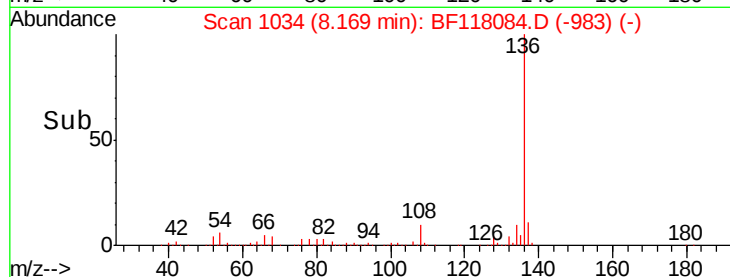
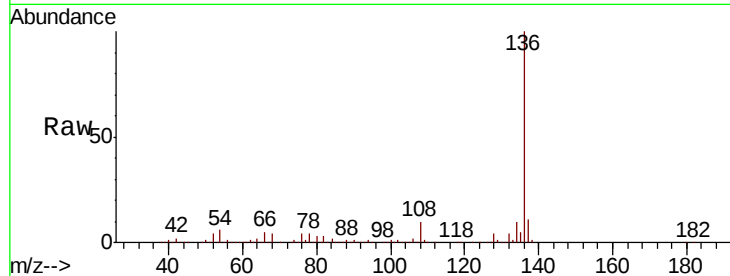
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	660515		
137	11.0	9.1	13.7	
54	5.8	4.9	7.3	
68	4.5	3.6	5.4	

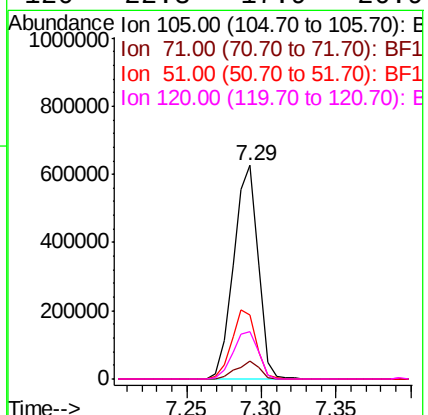
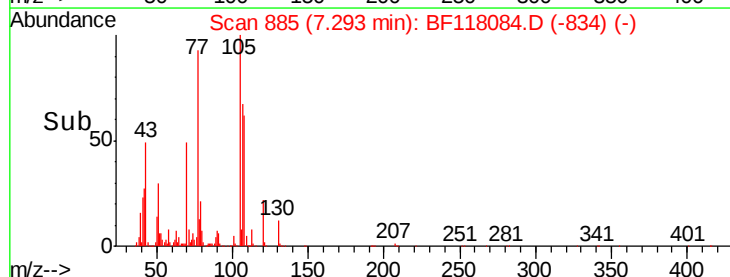
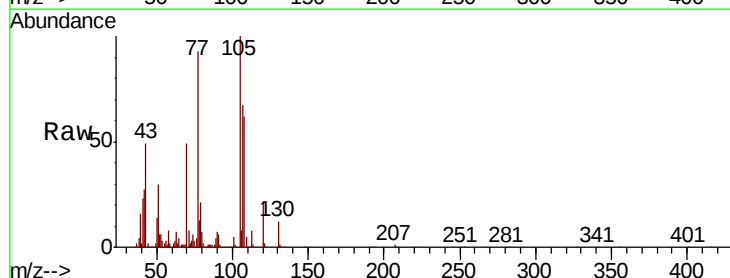
Manual Integrations
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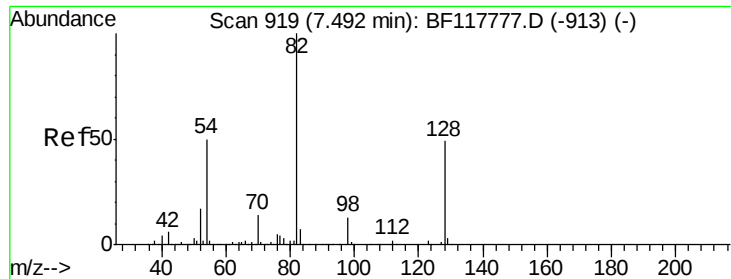
mohammad
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#22
Acetophenone
Concen: 48.667 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	722207		
71	8.4	5.9	8.9	
51	29.8	20.2	30.2	
120	22.3	17.9	26.9	





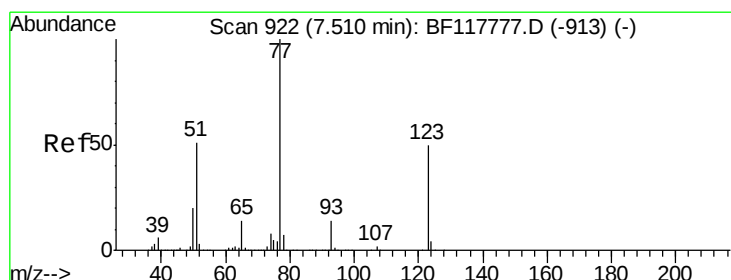
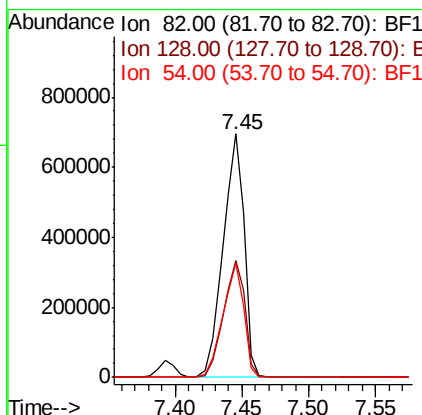
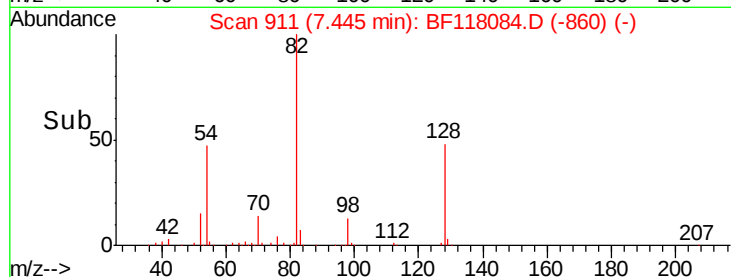
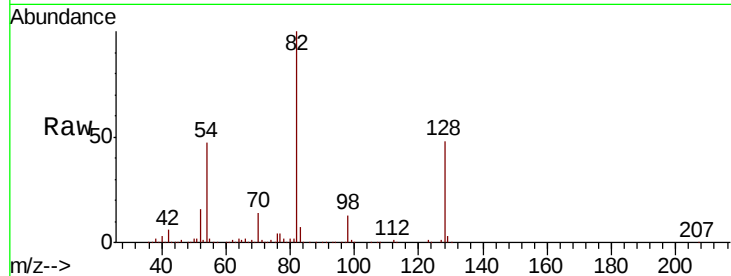
#23
Nitrobenzene-d5
Concen: 69.795 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.2	57.4
54	46.9	39.0	58.4

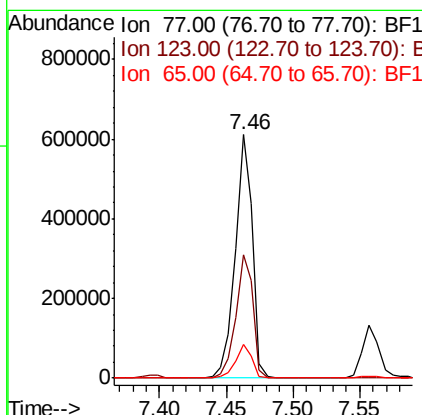
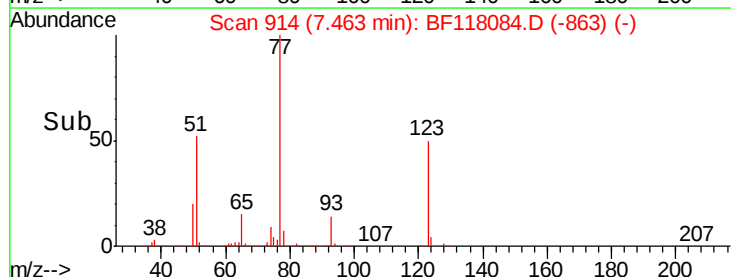
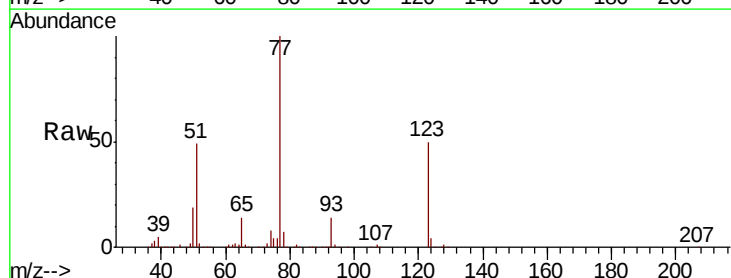
Manual Integrations
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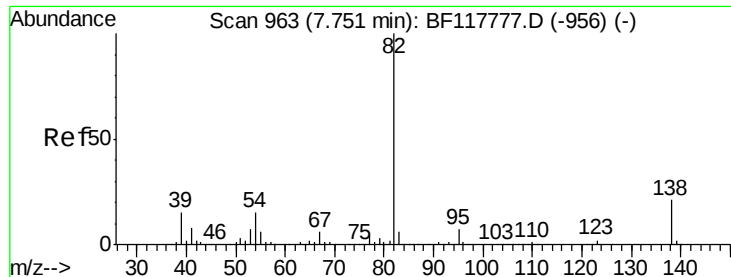
mohammad
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#24
Nitrobenzene
Concen: 48.068 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	38.2	57.2
65	13.8	11.1	16.7





#25

Isophorone

Concen: 48.649 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

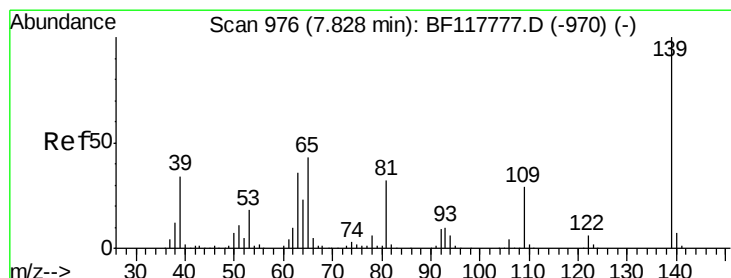
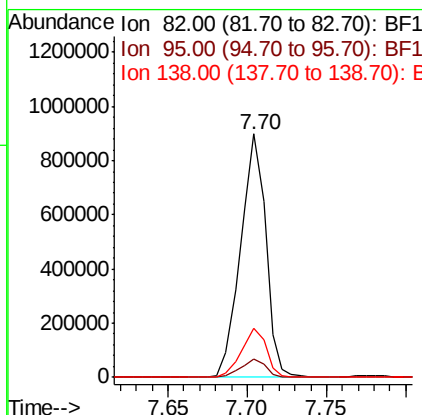
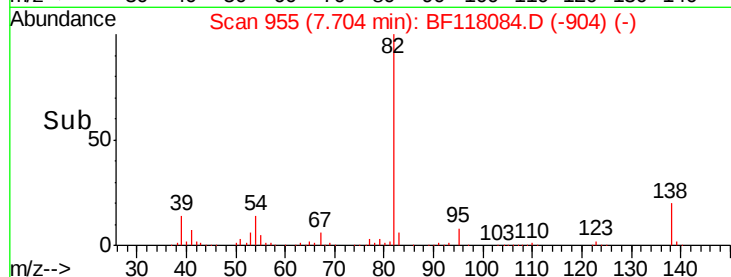
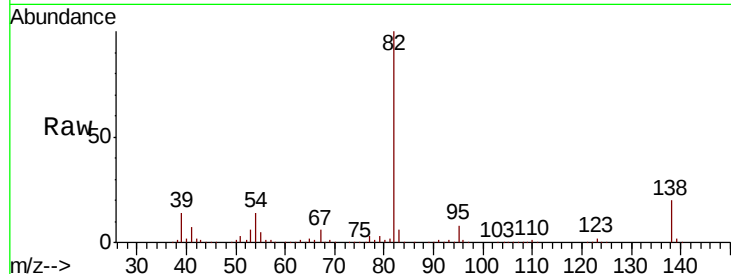
ClientSampleId :

PB125225BS

Tot Ion:	82	Resp:	990750
Ion Ratio		Lower	Upper
82	100		
95	7.7	6.2	9.2
138	20.2	15.9	23.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 58.779 ng

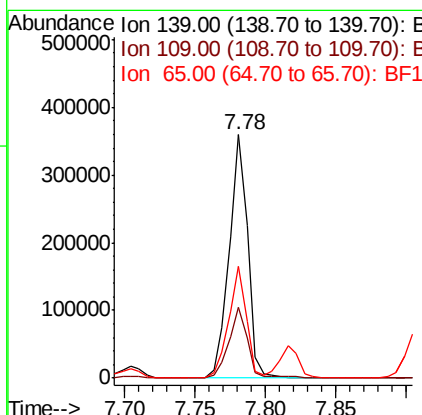
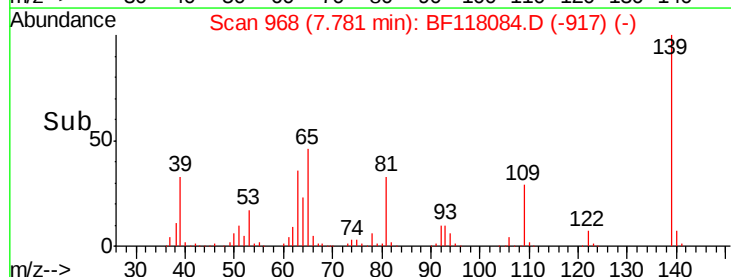
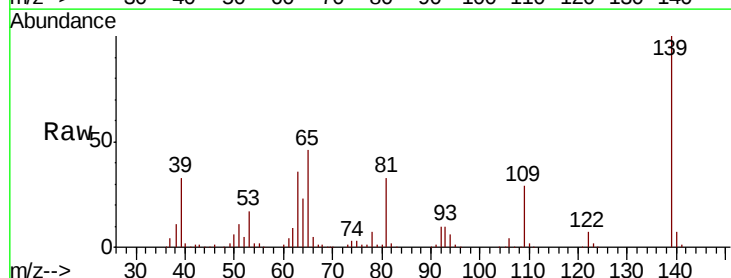
RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Tgt Ion:	139	Resp:	327938
Ion Ratio		Lower	Upper
139	100		
109	28.8	23.8	35.6
65	45.7	36.2	54.4





#27

2,4-Dimethylphenol

Concen: 56.020 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

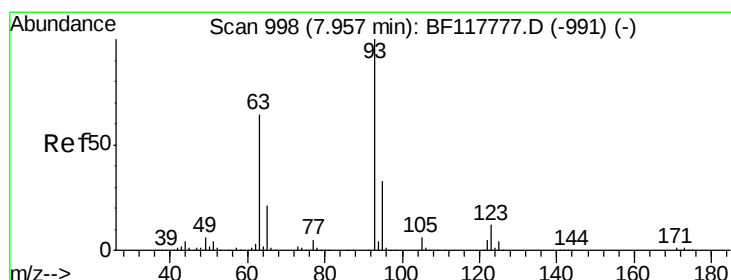
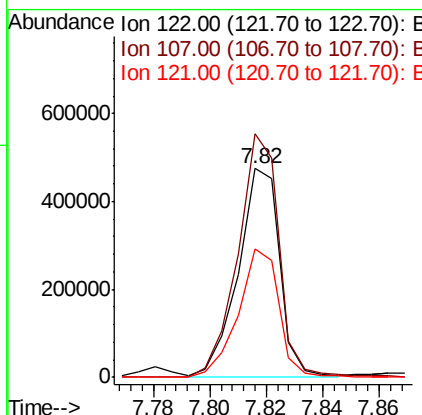
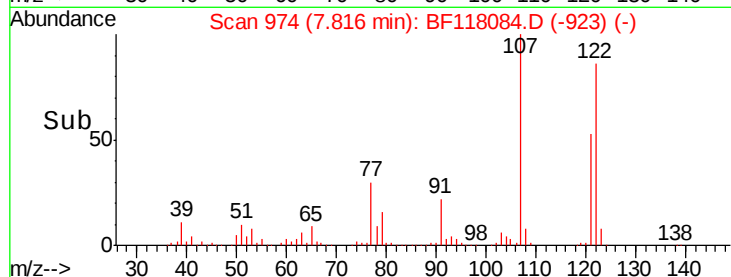
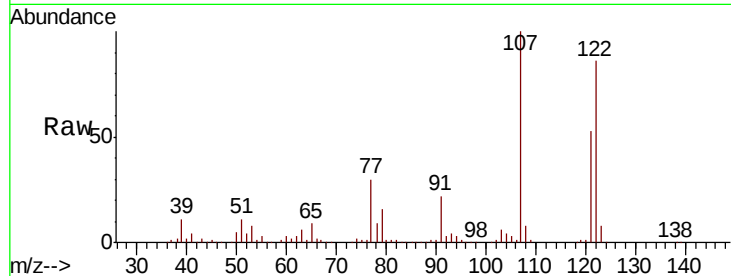
ClientSampleId :

PB125225BS

Tot Ion:	122	Resp:	485662
Ion Ratio	Lower	Upper	
122	100		
107	116.6	92.6	138.8
121	61.4	46.9	70.3

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#28

bis(2-Chloroethoxy)methane

Concen: 48.428 ng

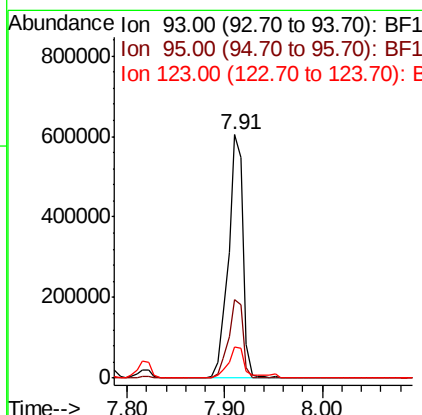
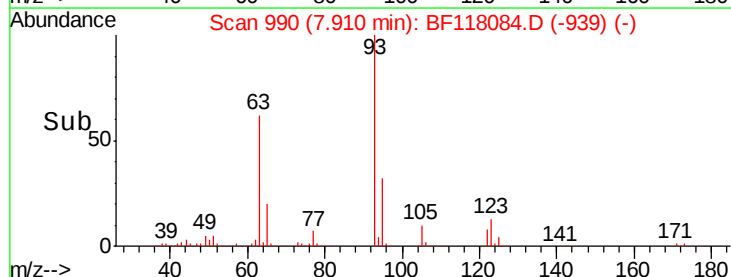
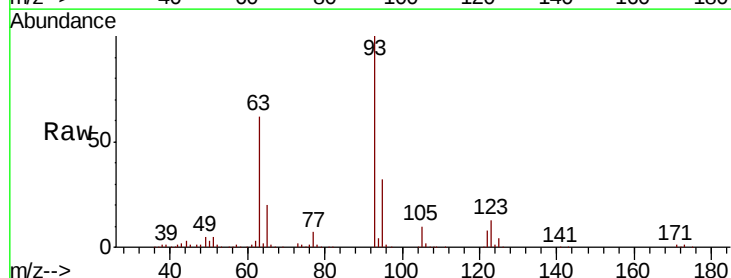
RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Tgt Ion:	93	Resp:	625844
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.4	39.6
123	12.5	10.2	15.4





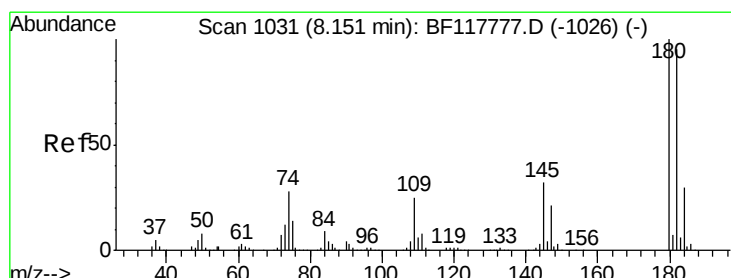
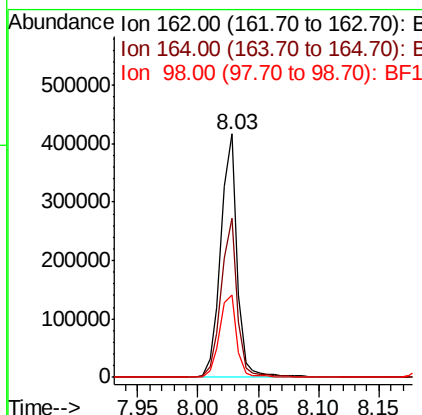
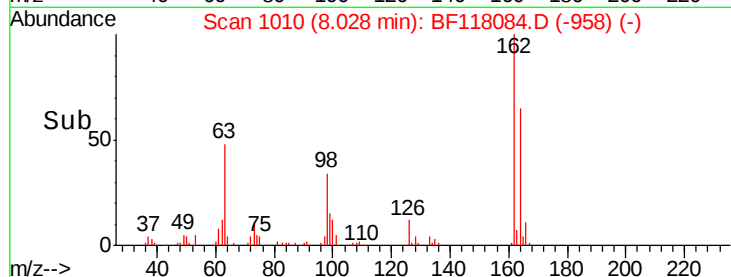
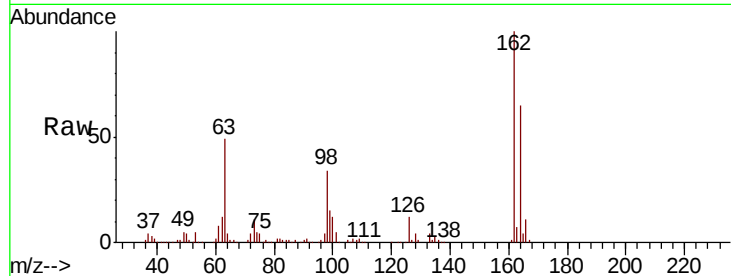
#29
 2,4-Dichlorophenol
 Concen: 41.769 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Instrument :
 BNA_F
 ClientSampled :
 PB125225BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	392789		
164	65.2	42.9	82.9	
98	34.1	16.7	56.7	

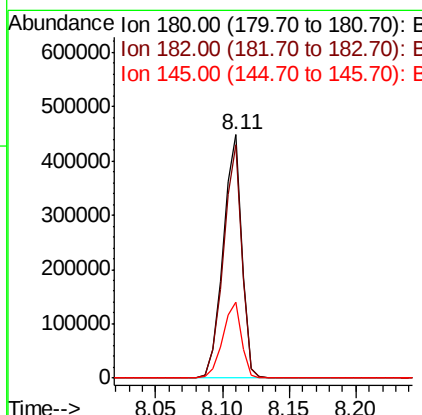
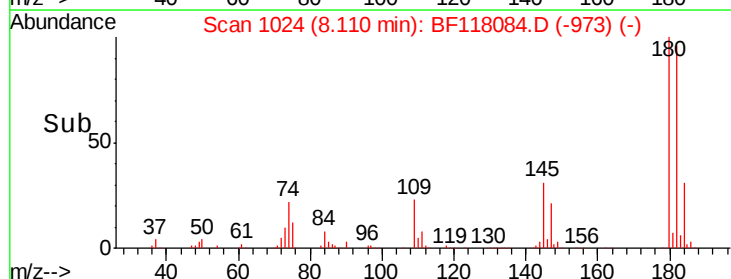
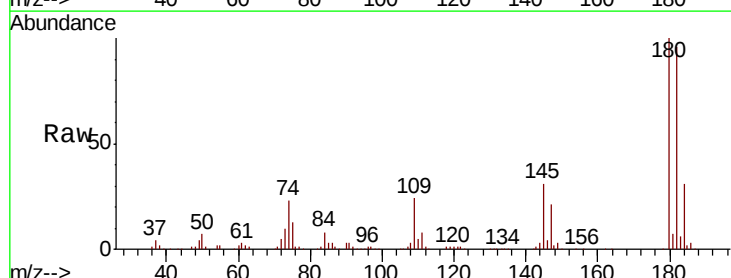
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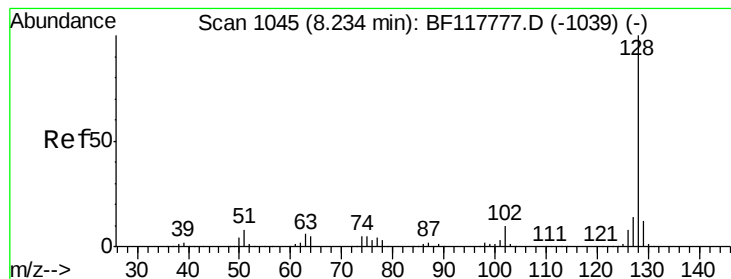
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.585 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	442695		
182	95.6	76.6	114.8	
145	31.3	25.1	37.7	





#31

Naphthalene

Concen: 44.038 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

PB125225BS

Tot Ion:128 Resp: 1356052

Ion Ratio Lower Upper

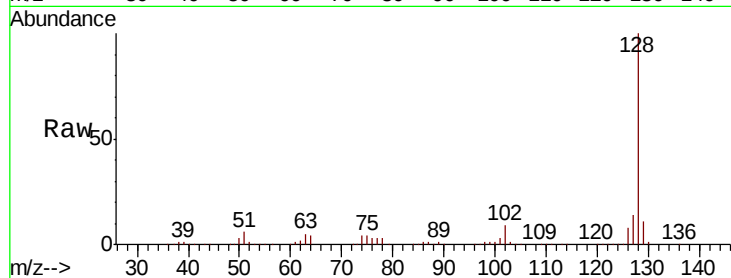
128 100

129 11.1 8.8 13.2

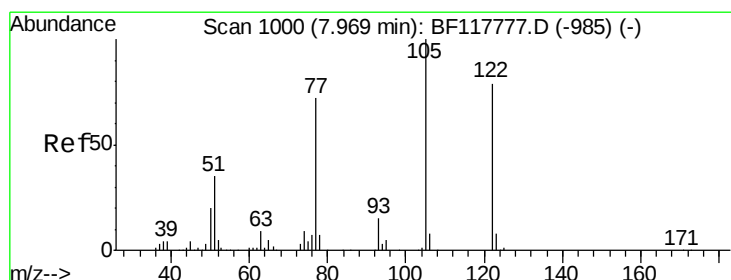
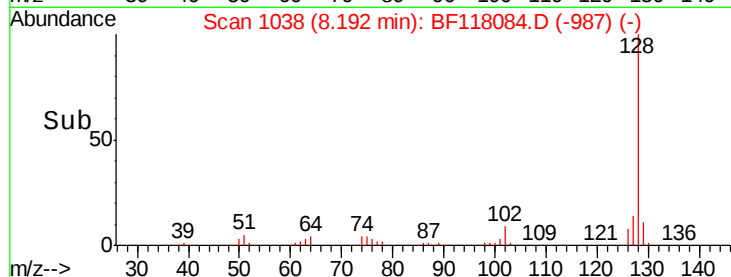
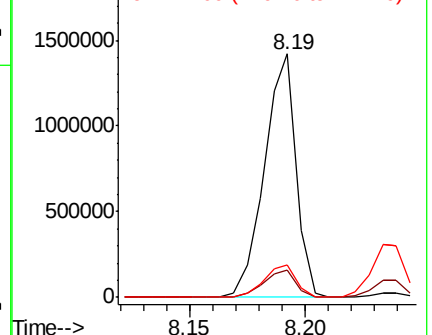
127 13.6 10.6 16.0

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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: 43.326 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

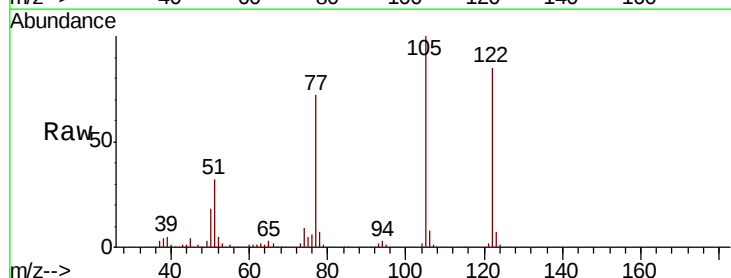
Tgt Ion:122 Resp: 314500

Ion Ratio Lower Upper

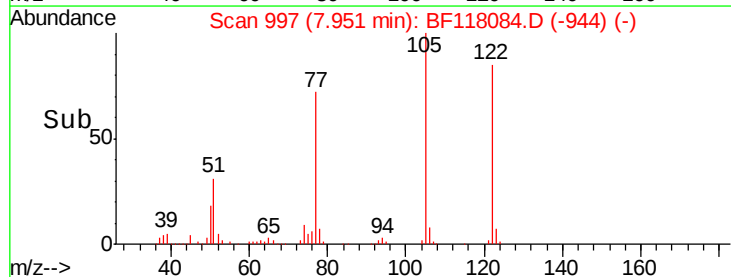
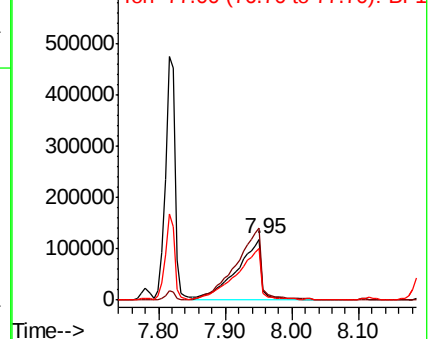
122 100

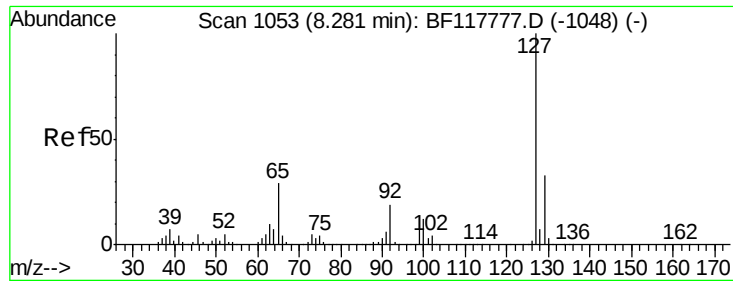
105 117.4 101.4 141.4

77 85.0 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





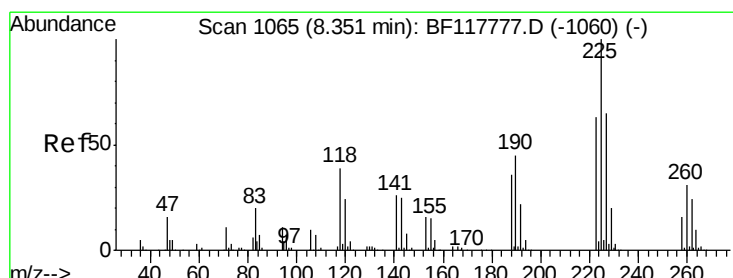
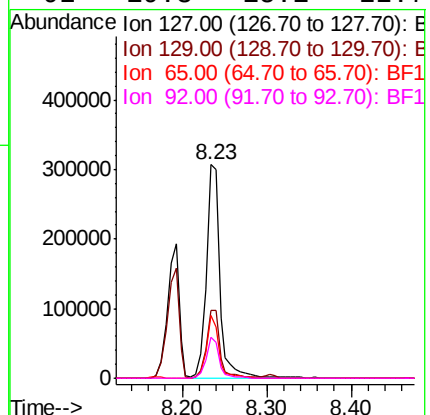
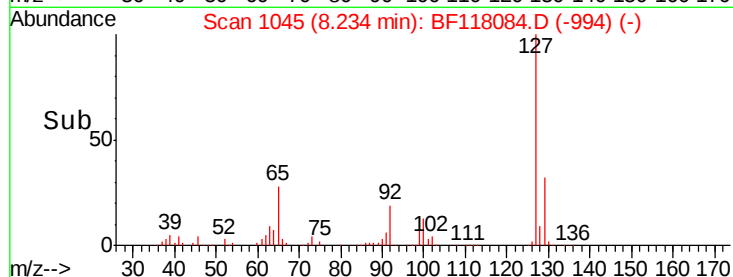
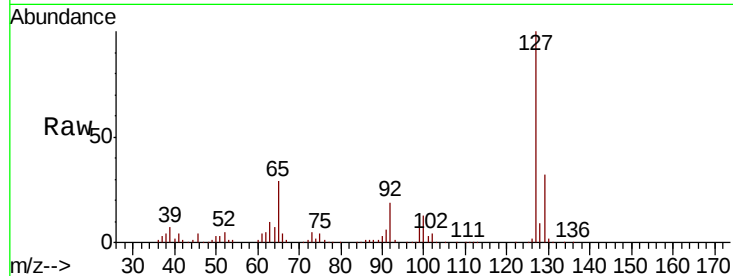
#33
4-Chloroaniline
Concen: 24.667 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	25.4	38.0		
65	29.1	23.4	35.0		
92	19.3	15.1	22.7		

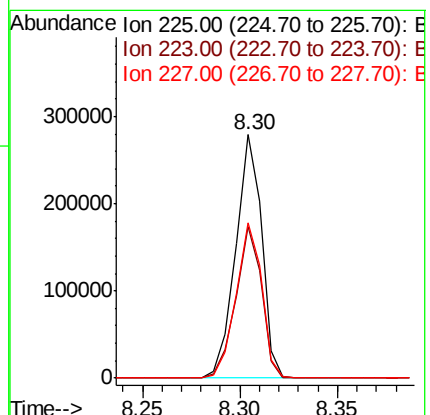
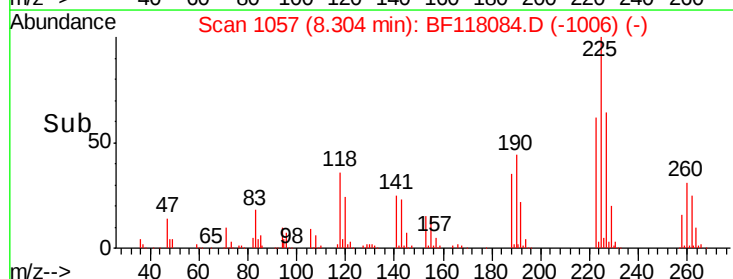
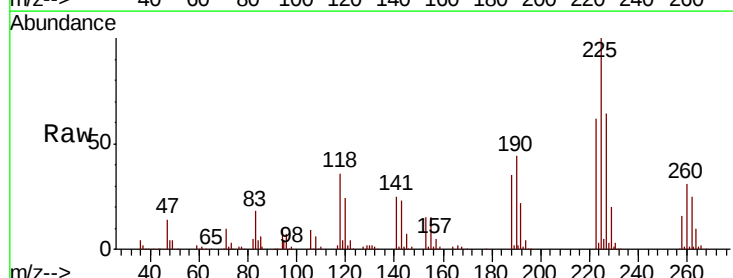
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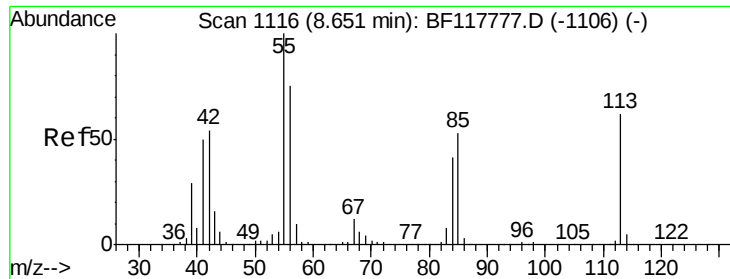
mohammad
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#34
Hexachlorobutadiene
Concen: 40.324 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	51.4	77.2		
227	63.6	52.6	78.8		





#35

Caprolactam

Concen: 41.271 ng/mL

RT: 8.62 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

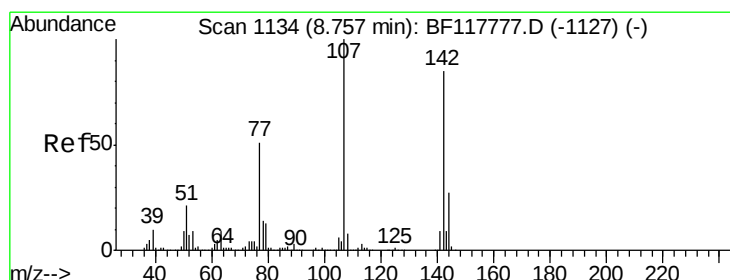
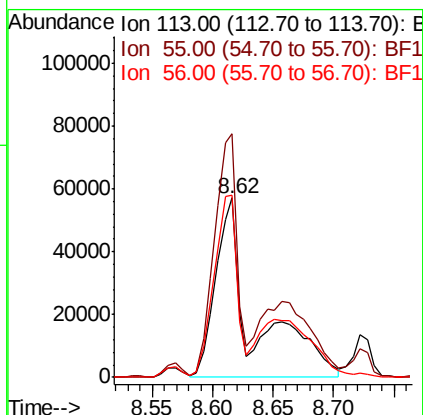
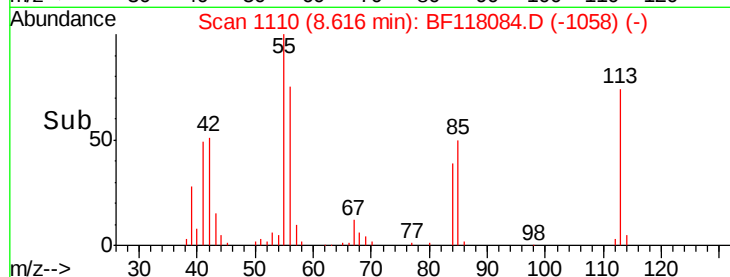
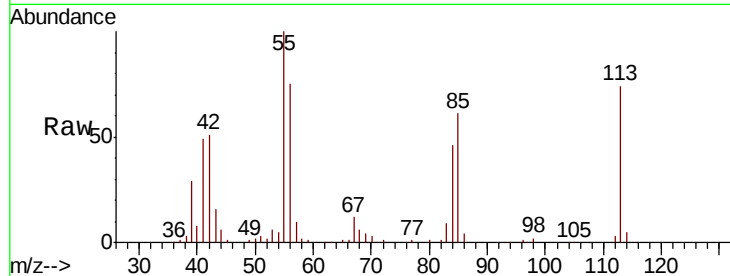
ClientSampleID :

PB125225BS

Tot Ion:	113	Resp:	123345
Ion Ratio	Lower	Upper	
113	100		
55	135.7	125.5	165.5
56	101.8	88.0	128.0

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#36

4-Chloro-3-methylphenol

Concen: 43.371 ng/mL

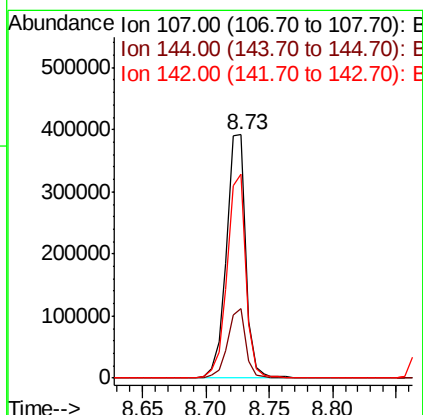
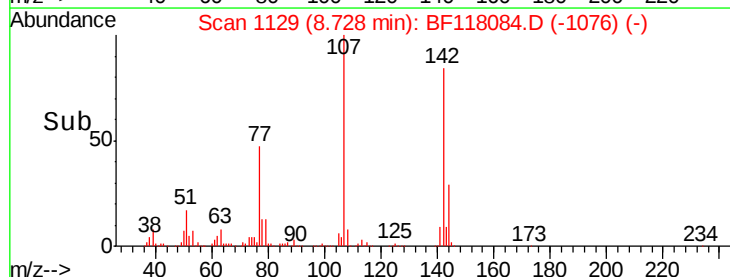
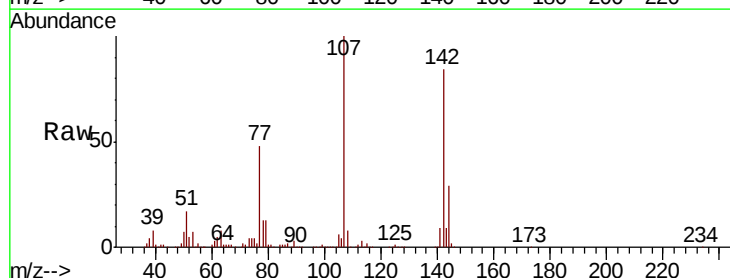
RT: 8.73 min Scan# 1129

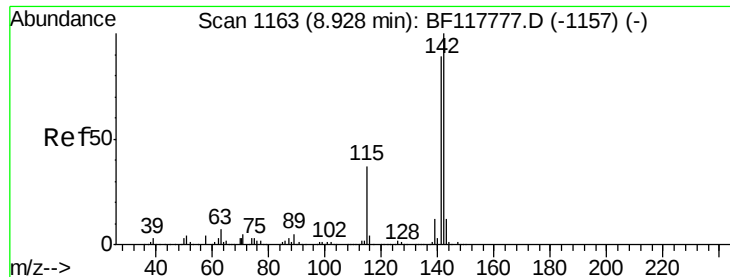
Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Tgt Ion:	107	Resp:	413914
Ion Ratio	Lower	Upper	
107	100		
144	28.6	20.6	30.8
142	83.6	62.5	93.7





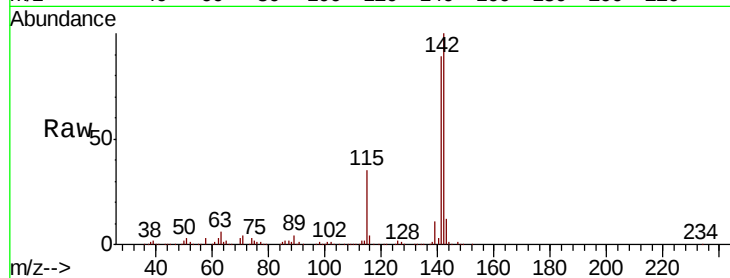
#37
2-Methylnaphthalene
Concen: 45.328 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.2	105.4
115	35.2	29.2	43.8

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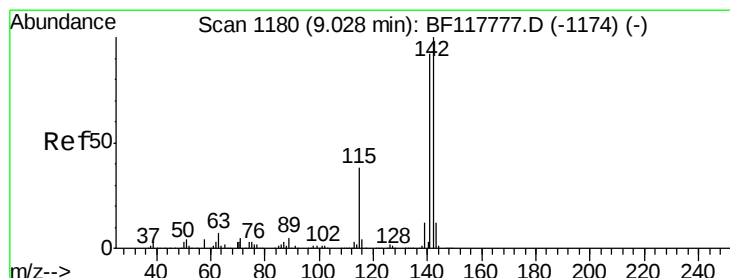
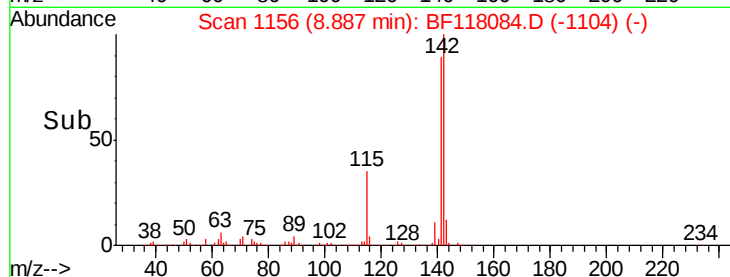
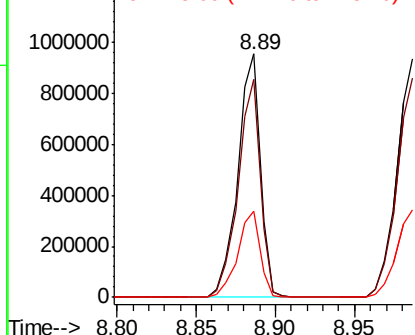


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.707 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

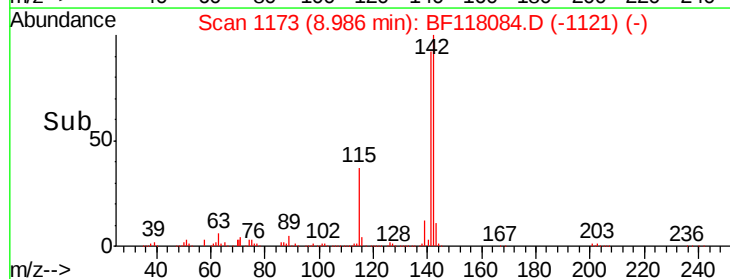
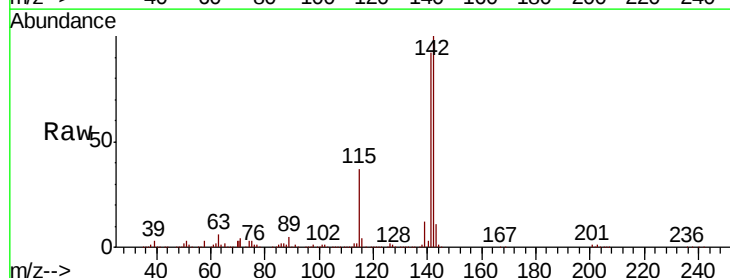
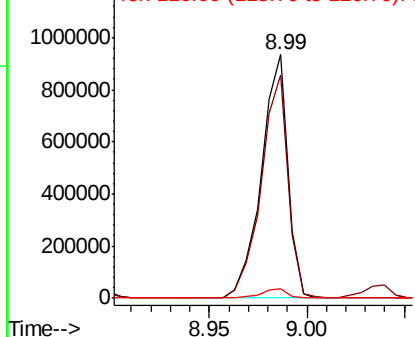
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.6	110.4
116	3.8	3.1	4.7

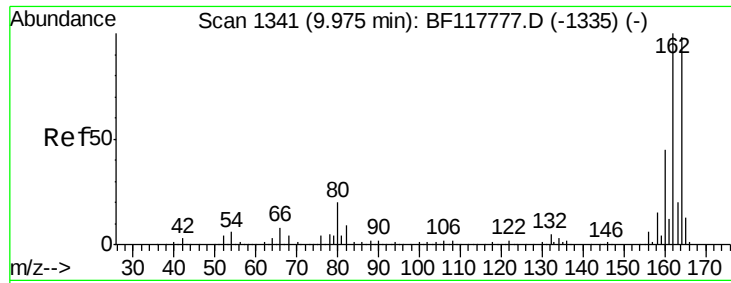
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





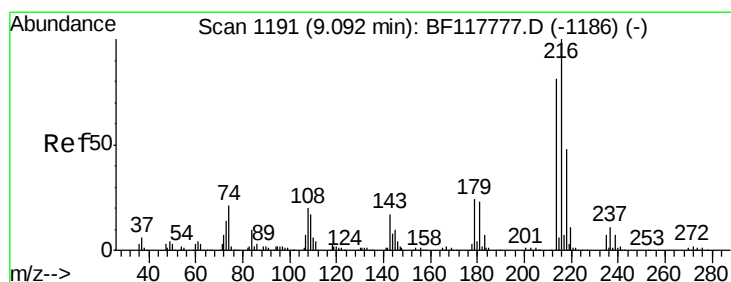
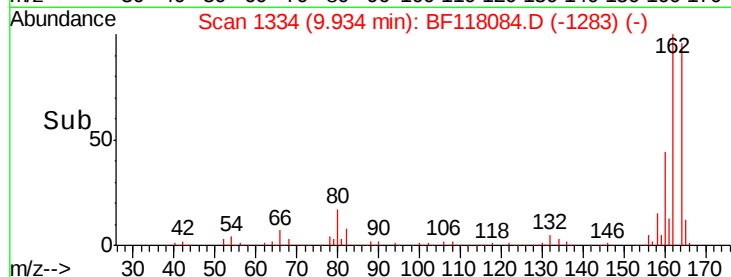
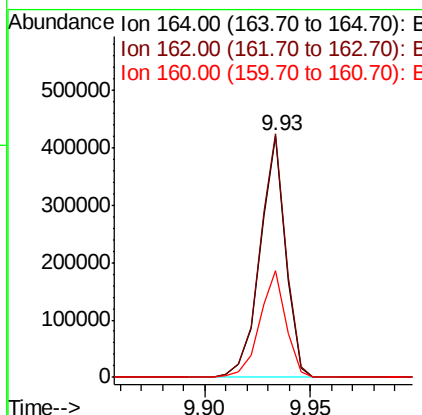
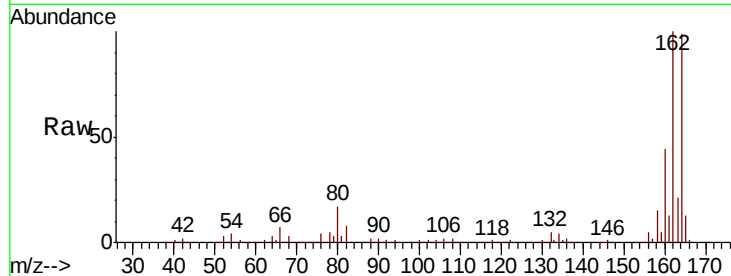
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	81.8	122.8	
160	44.1	35.9	53.9	

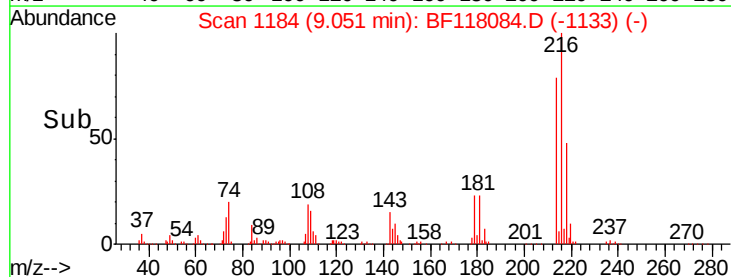
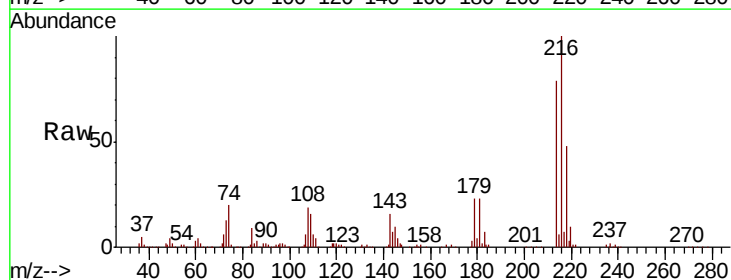
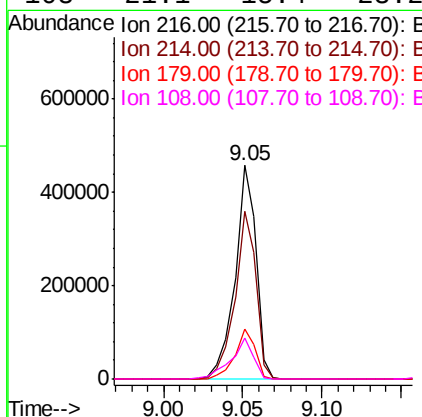
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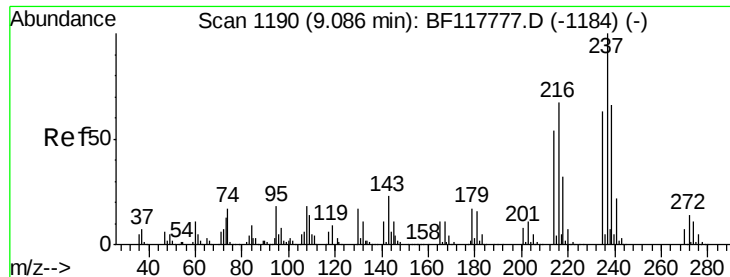
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.906 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.0	94.4	
179	22.7	18.5	27.7	
108	21.1	15.4	23.2	





#41

Hexachlorocyclopentadiene

Concen: 68.090 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

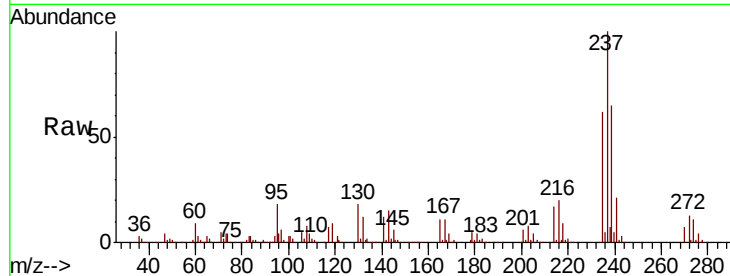
ClientSampled :

PB125225BS

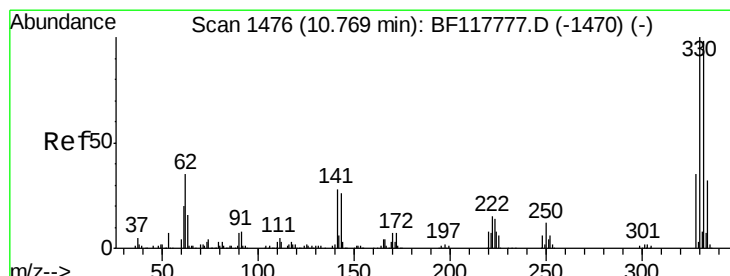
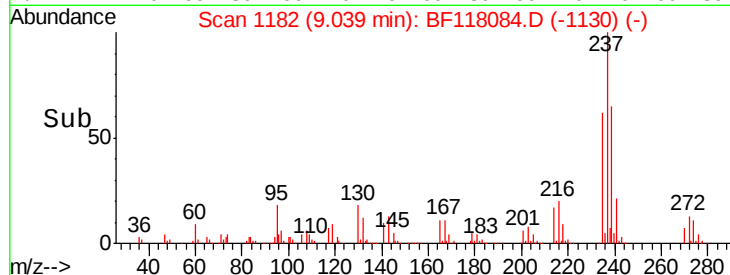
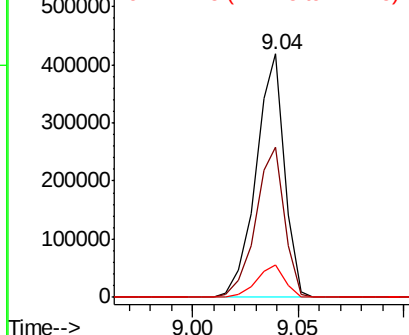
Tot Ion:	237	Resp:	391457
Ion Ratio		Lower	Upper
237	100		
235	61.7	43.7	83.7
272	13.5	0.0	32.7

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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: 129.549 ng

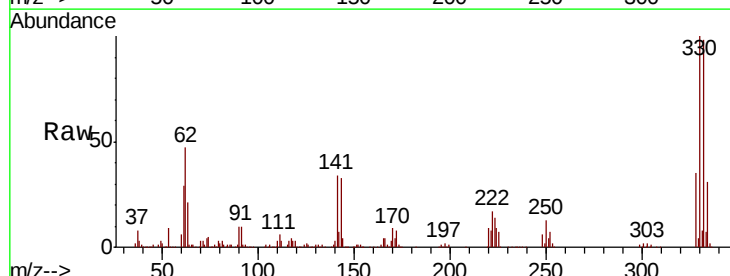
RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

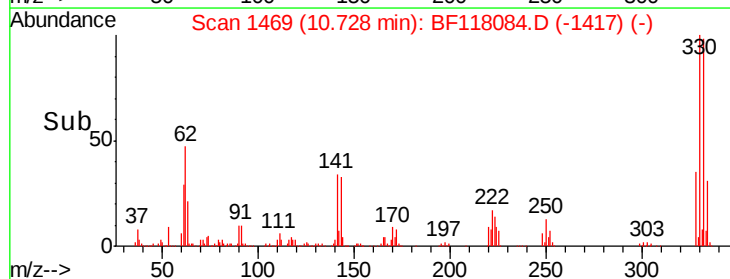
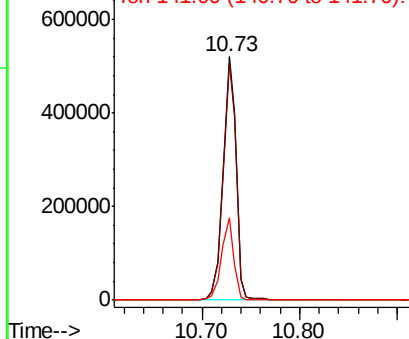
Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Tgt Ion:	330	Resp:	484497
Ion Ratio		Lower	Upper
330	100		
332	97.8	78.3	117.5
141	32.0	26.4	39.6



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





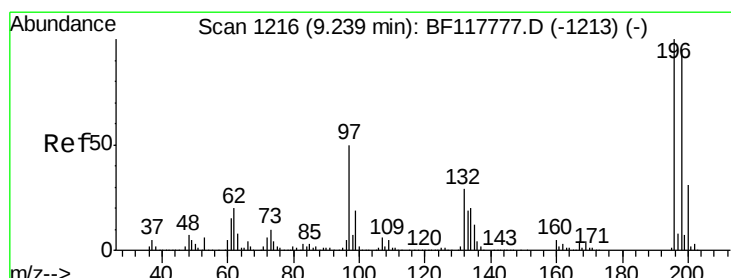
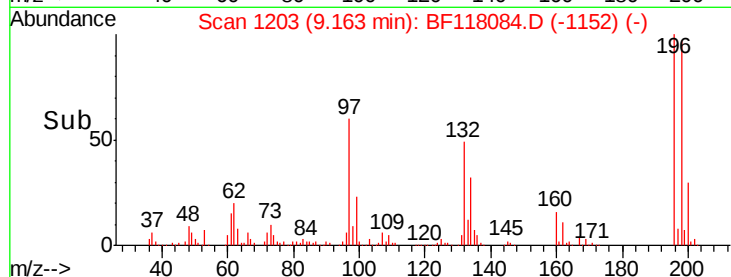
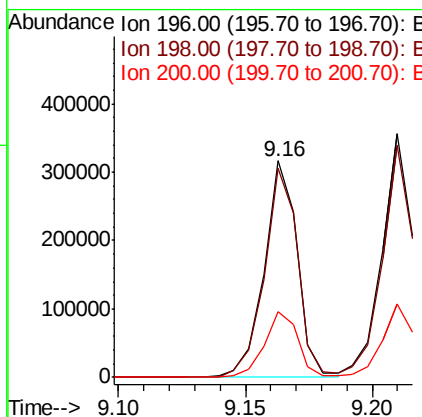
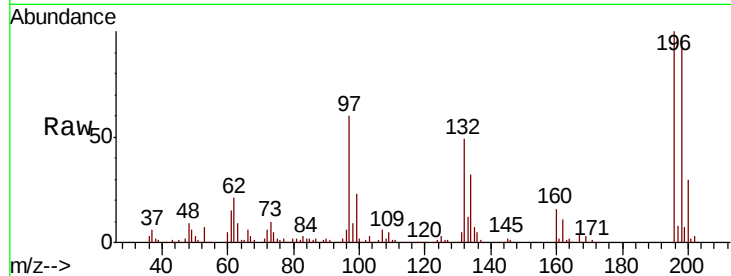
#43
 2,4,6-Trichlorophenol
 Concen: 39.558 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Instrument :
 BNA_F
 ClientSampleID :
 PB125225BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	290674		
198	96.6	76.9	115.3	
200	30.2	24.2	36.4	

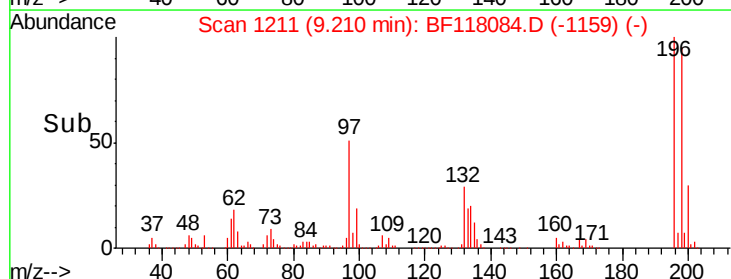
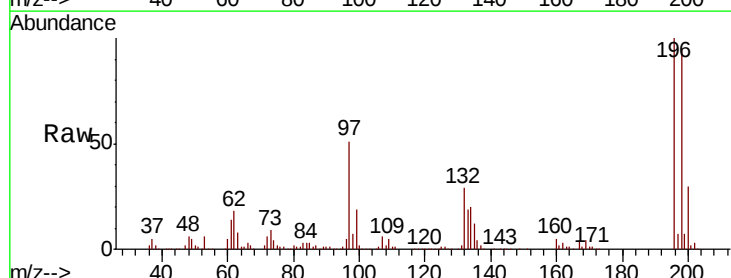
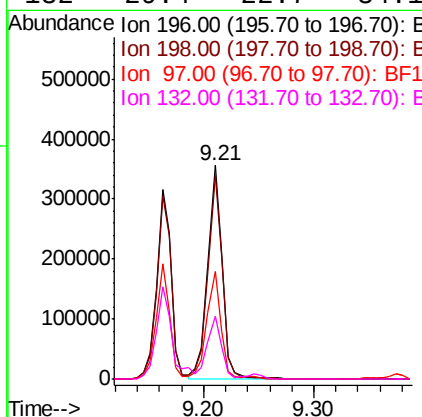
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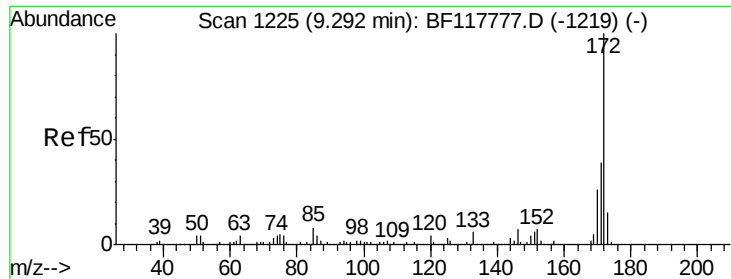
mohammad
 12/5/2019 10:50:38 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.012 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	312893		
198	95.3	78.1	117.1	
97	50.6	37.4	56.2	
132	29.4	22.7	34.1	





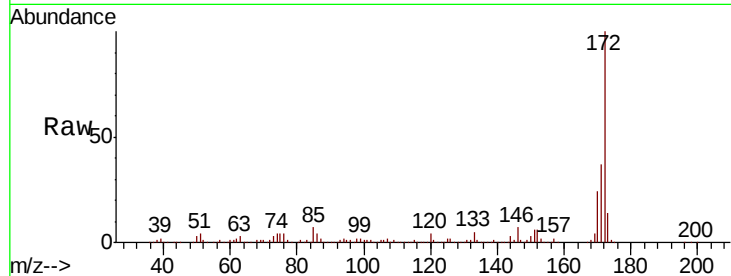
#45
2-Fluorobiphenyl
Concen: 73.714 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.2	43.8
170	24.2	19.3	28.9

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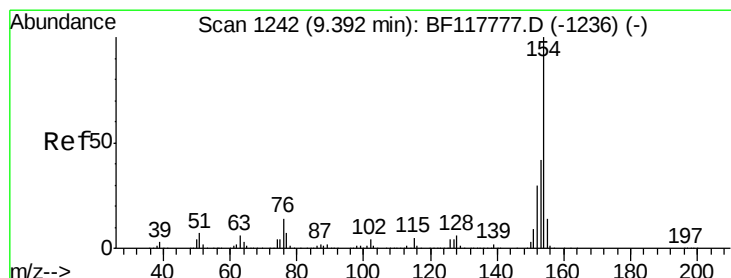
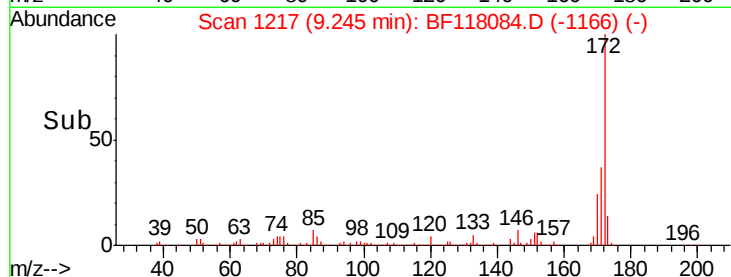
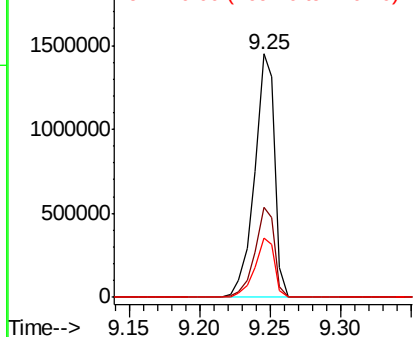


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.998 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

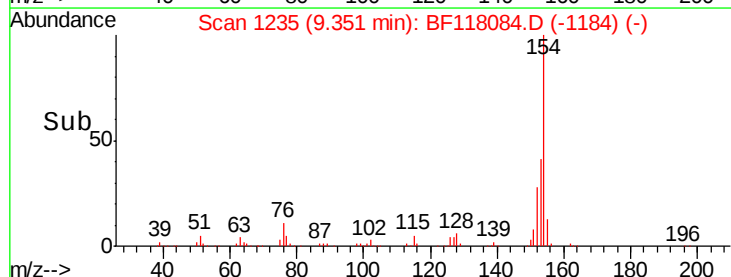
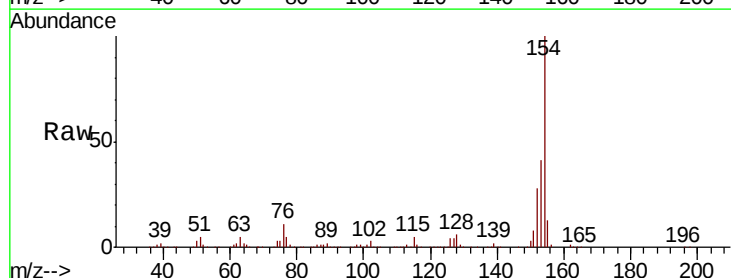
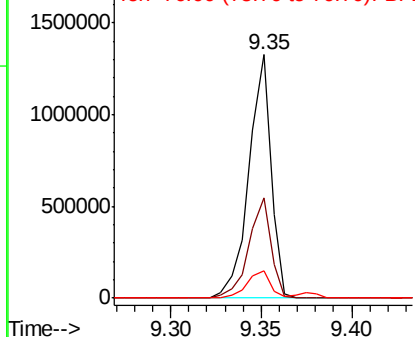
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.1	61.1
76	11.3	0.0	30.8

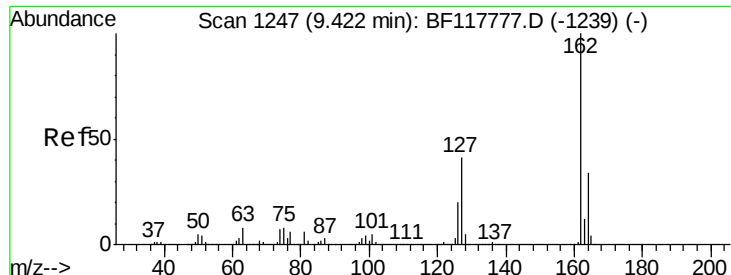
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





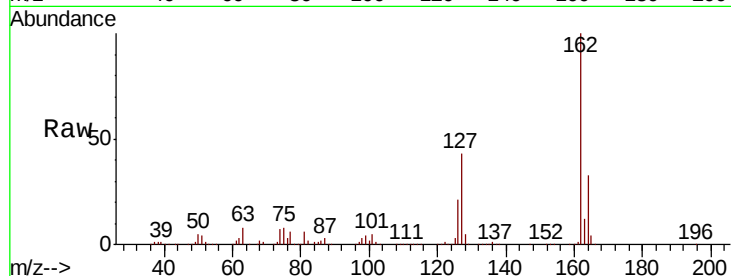
#47
2-Chloronaphthalene
Concen: 40.607 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

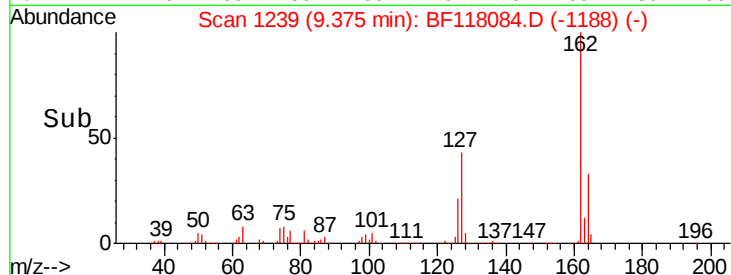
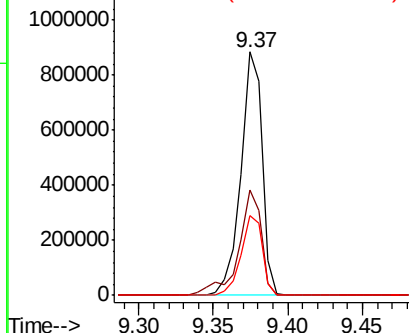
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.5	34.6	52.0
164	33.0	26.0	39.0

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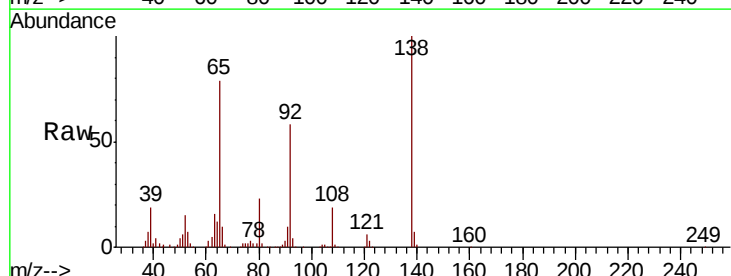
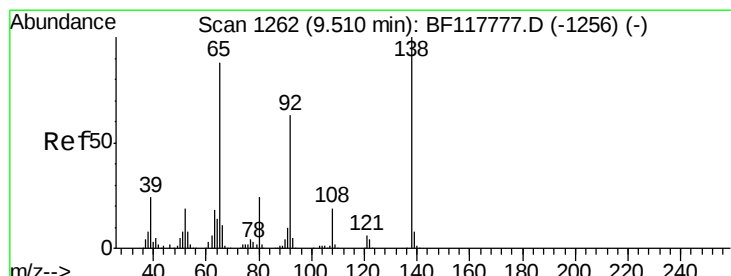
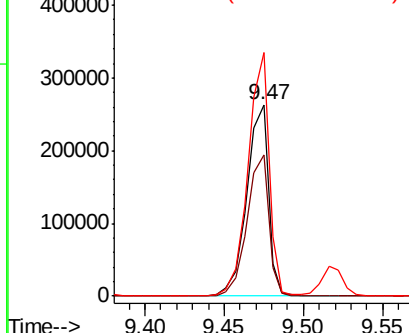
Abundance Ion 162.00 (161.70 to 162.70): E
1200000
Ion 127.00 (126.70 to 127.70): E
1000000
Ion 164.00 (163.70 to 164.70): E

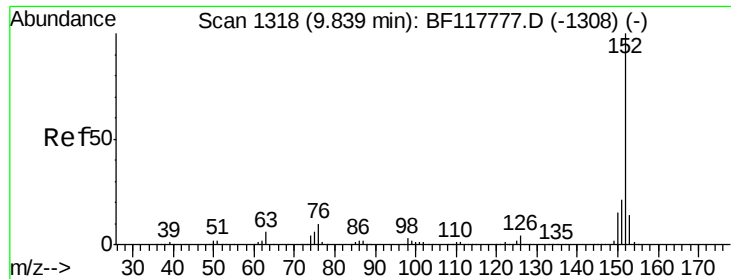


#48
2-Nitroaniline
Concen: 38.485 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.9	57.9	86.9
138	127.4	96.2	144.2

Abundance Ion 65.00 (64.70 to 65.70): BF1
400000
Ion 92.00 (91.70 to 92.70): BF1
300000
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.181 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

PB125225BS

Tot Ion:152 Resp: 1357360

Ion Ratio Lower Upper

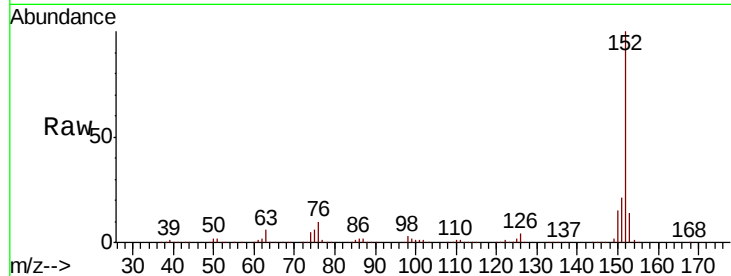
152 100

151 20.8 16.7 25.1

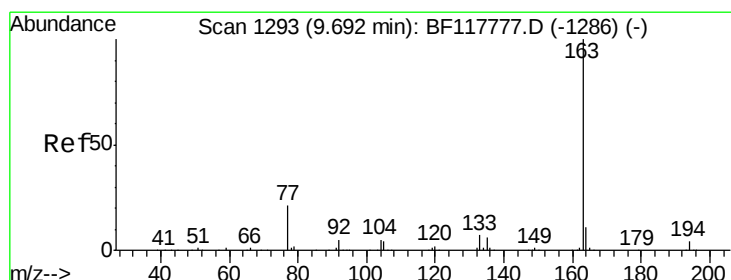
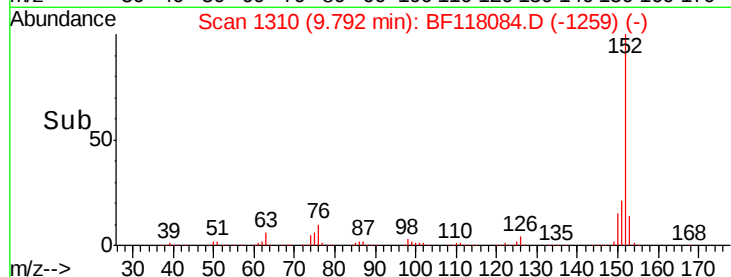
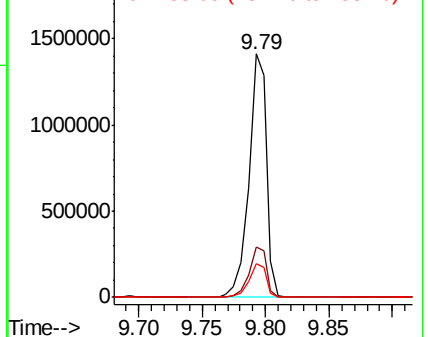
153 13.8 11.1 16.7

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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: 41.839 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

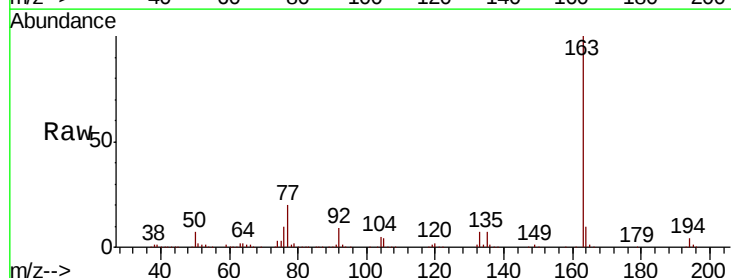
Tgt Ion:163 Resp: 1036429

Ion Ratio Lower Upper

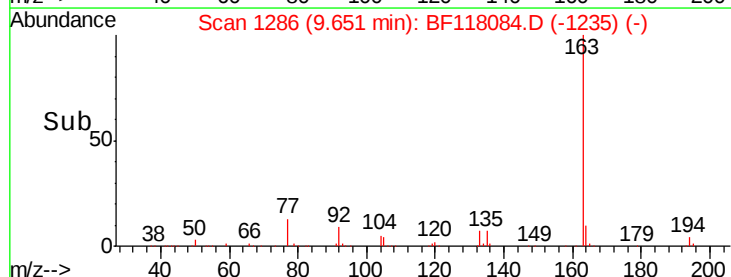
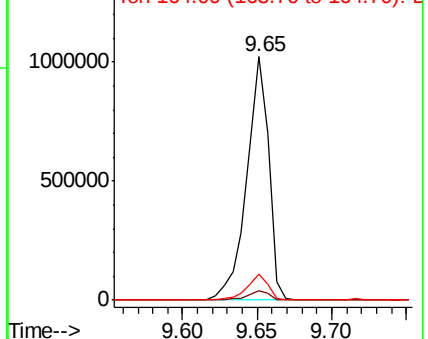
163 100

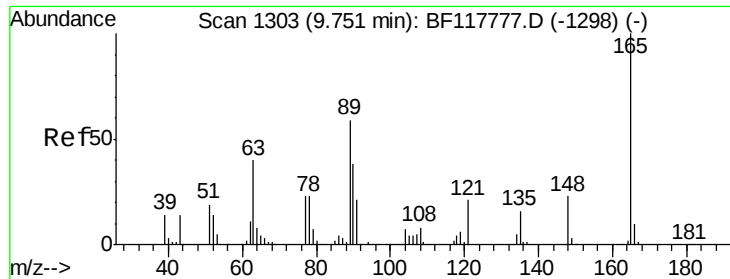
194 3.9 3.1 4.7

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





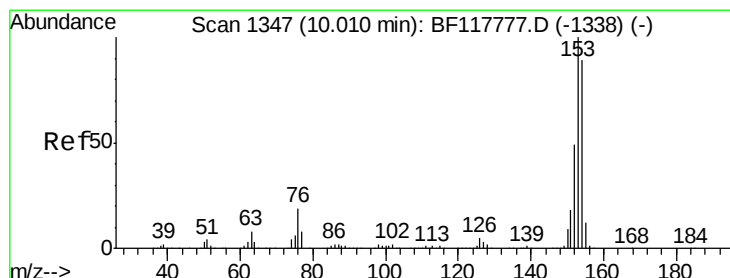
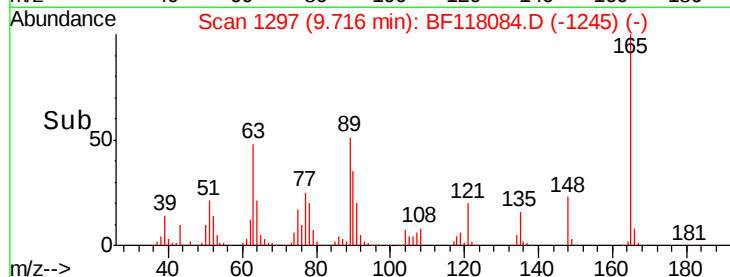
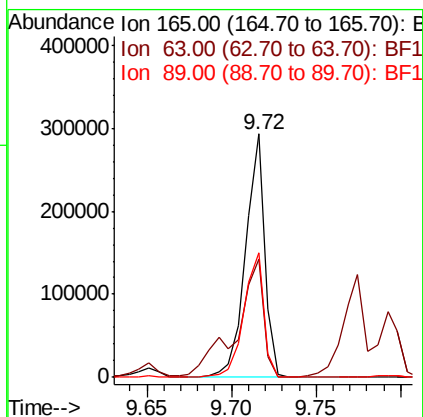
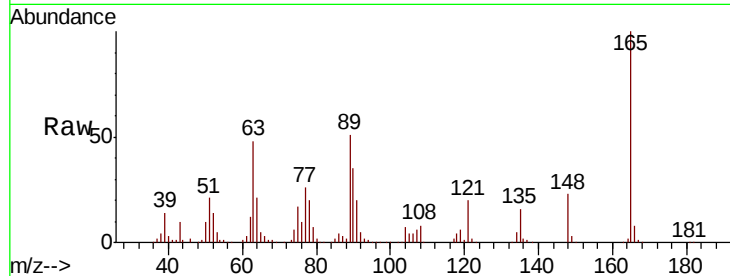
#51
2,6-Dinitrotoluene
Concen: 43.063 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleID :
PB125225BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	48.4	43.9	65.9
89	51.1	45.5	68.3

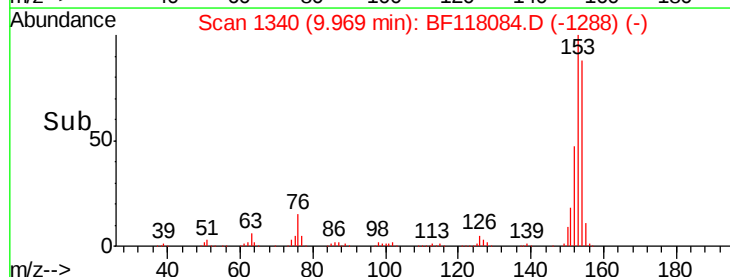
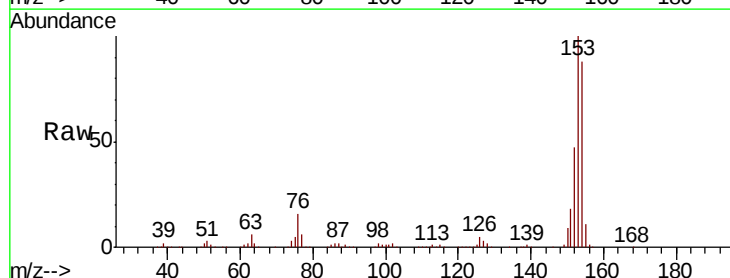
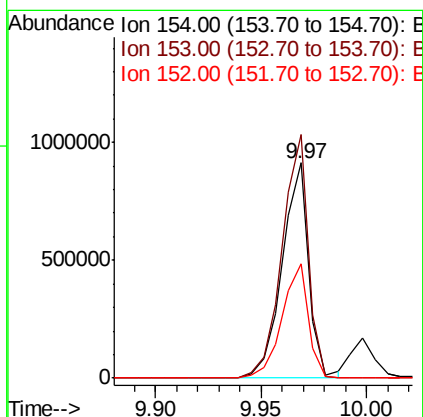
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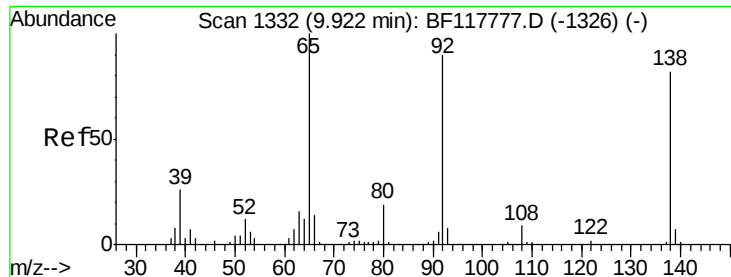
mohammad
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#52
Acenaphthene
Concen: 39.823 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.1	91.2	136.8
152	53.1	43.6	65.4





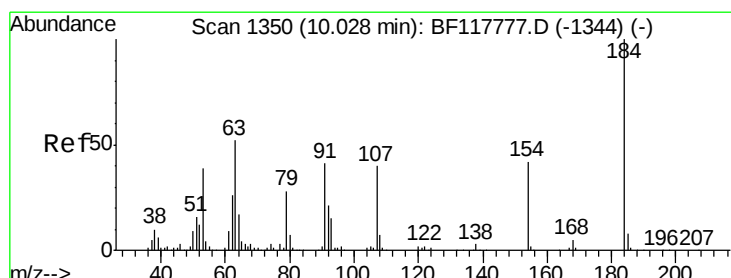
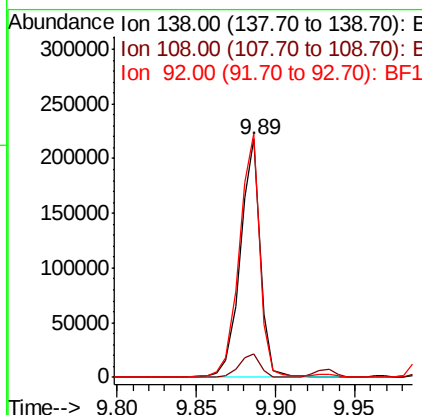
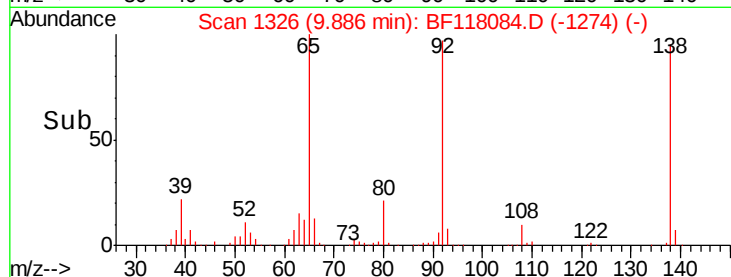
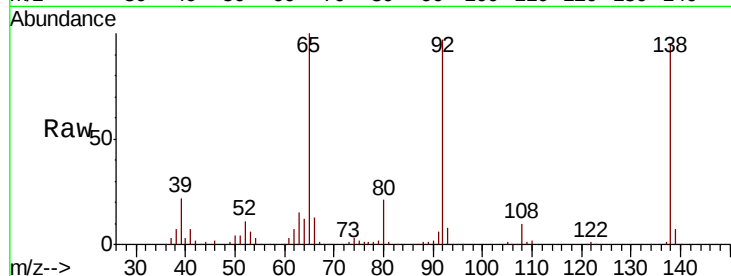
#53
3-Nitroaniline
Concen: 29.456 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.7	13.1
92	102.2	87.4	131.0

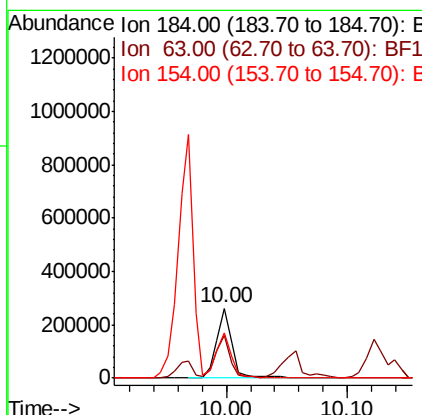
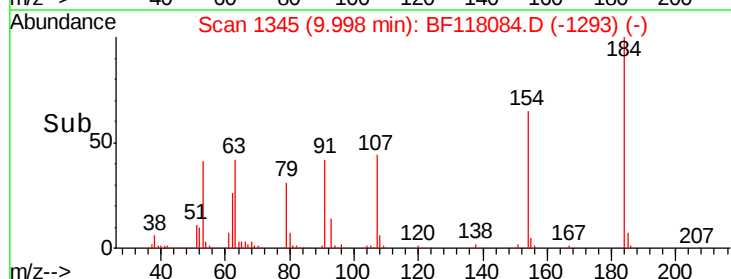
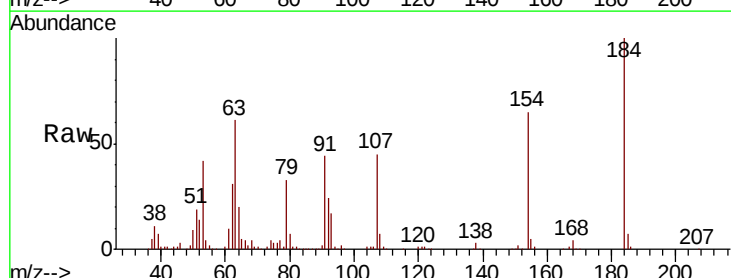
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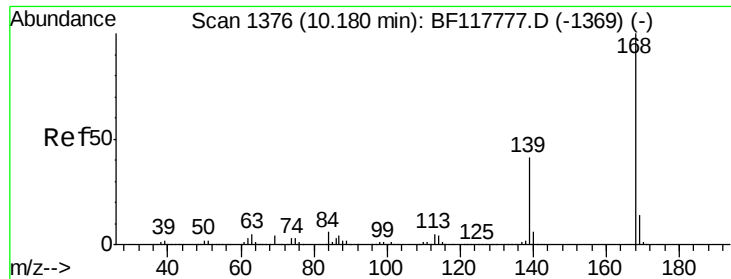
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#54
2,4-Dinitrophenol
Concen: 83.357 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.5	45.3	67.9
154	65.3	51.6	77.4





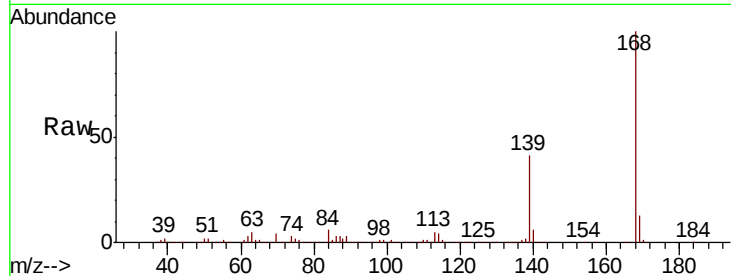
#55
Dibenzenofuran
Concen: 43.500 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	32.5	48.7
169	13.4	10.8	16.2

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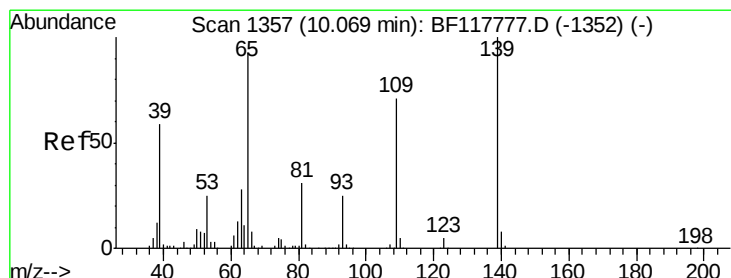
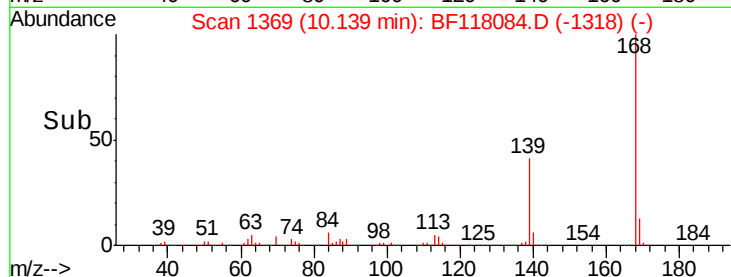
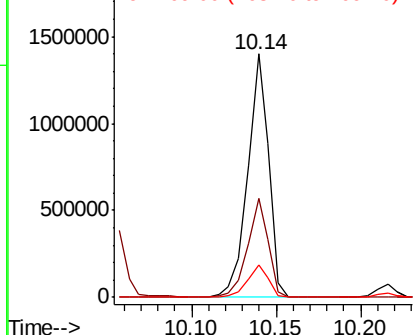


Abundance

Ion 168.00 (167.70 to 168.70): E

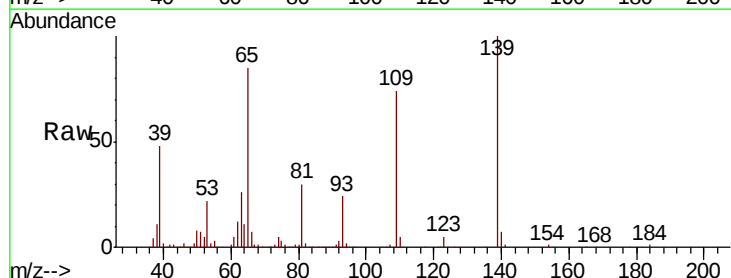
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 78.005 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.0	55.2	95.2
65	85.4	68.7	108.7

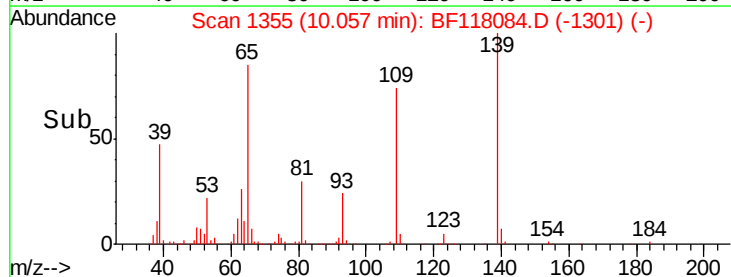
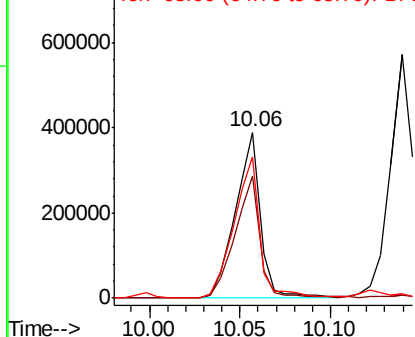


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





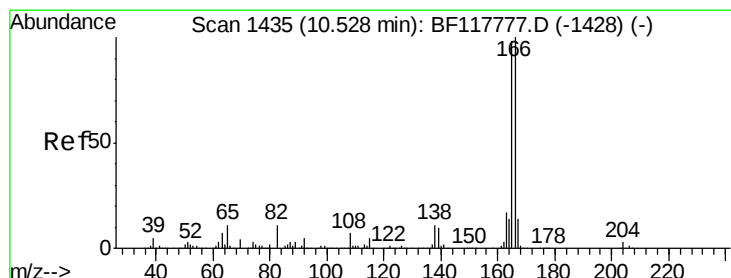
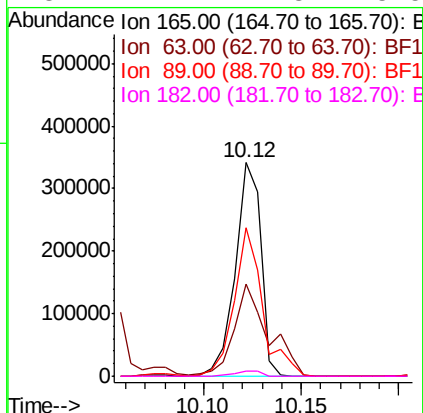
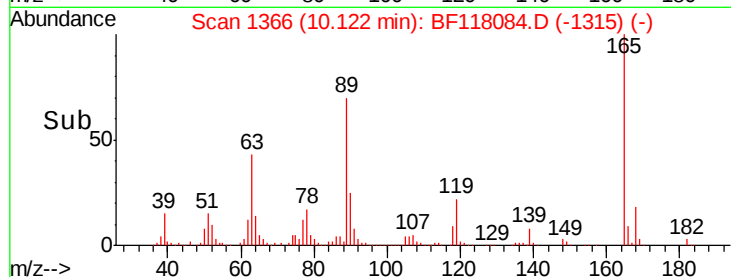
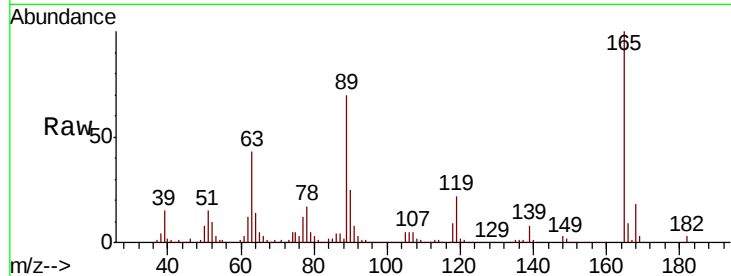
#57
2,4-Dinitrotoluene
Concen: 45.163 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	43.0	26.5	39.7#
89	69.8	47.2	70.8
182	2.7	2.3	3.5

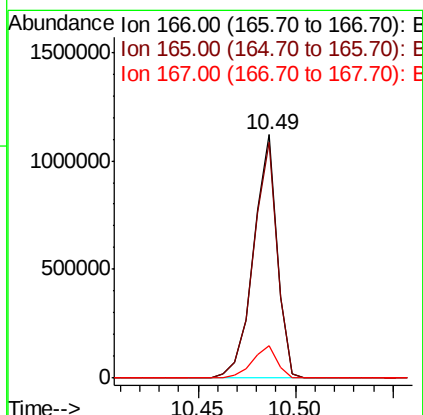
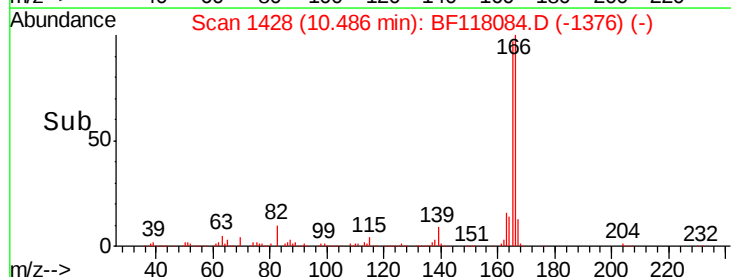
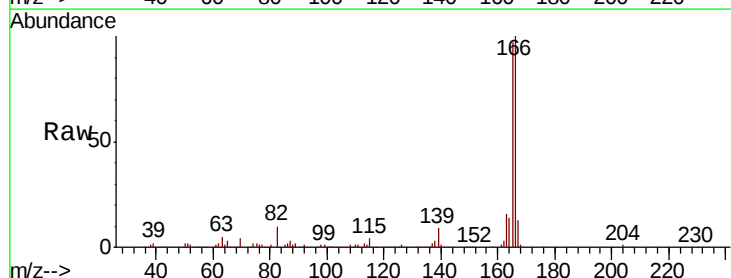
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#58
Fluorene
Concen: 43.315 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.1	77.4	116.2
167	13.4	10.7	16.1





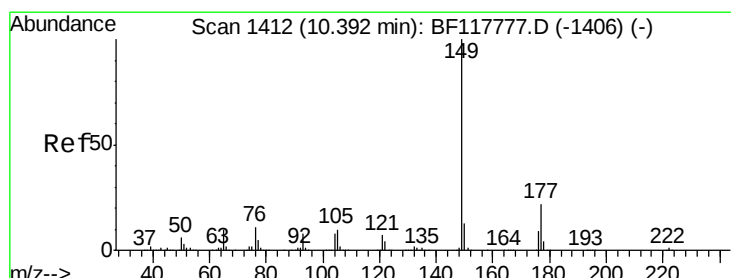
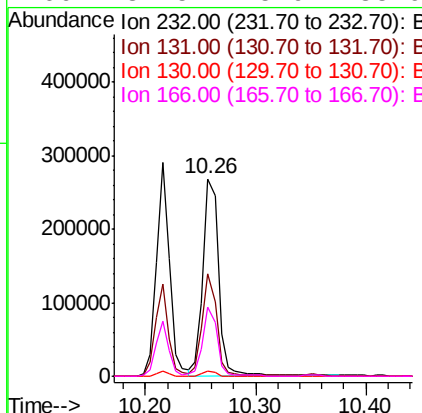
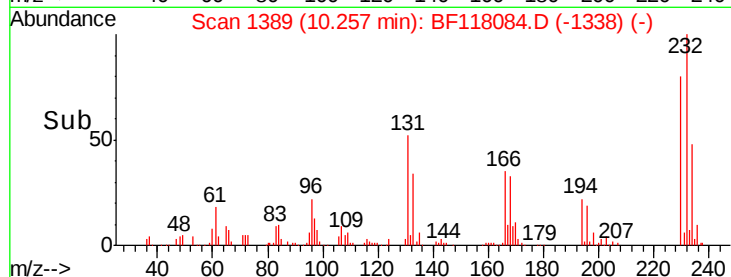
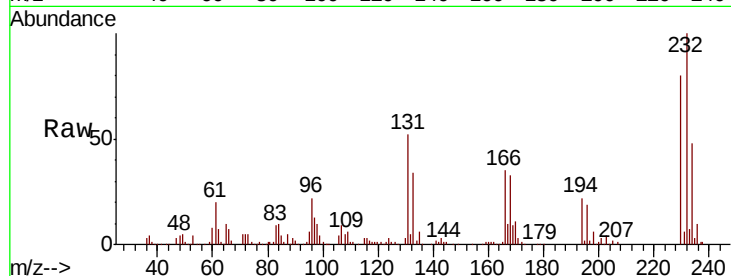
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.130 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB125225BS

Tot Ion:	232	Resp:	257827
Ion Ratio	Lower	Upper	
232	100		
131	47.1	38.8	58.2
130	2.4	1.9	2.9
166	32.5	25.9	38.9

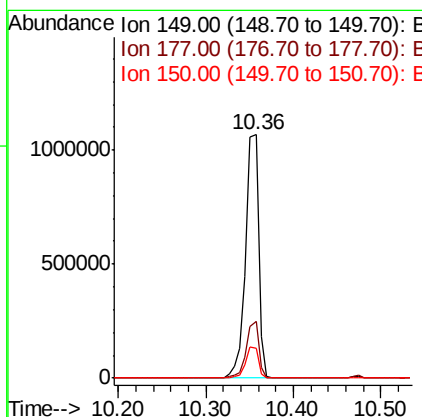
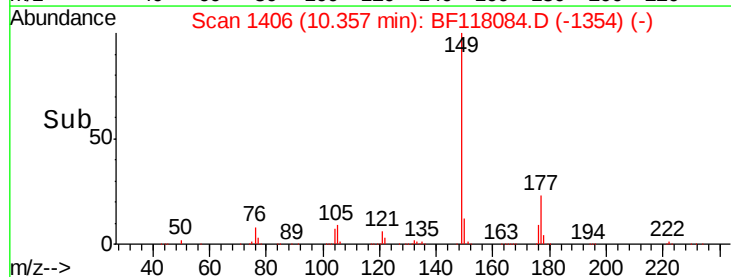
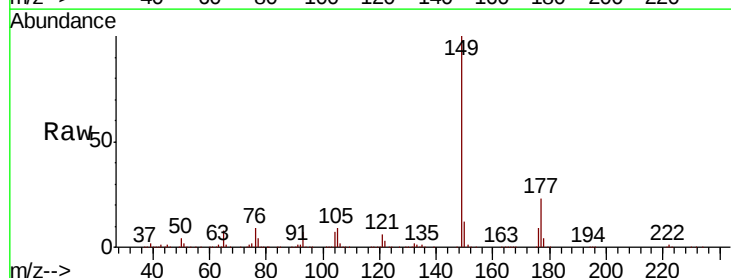
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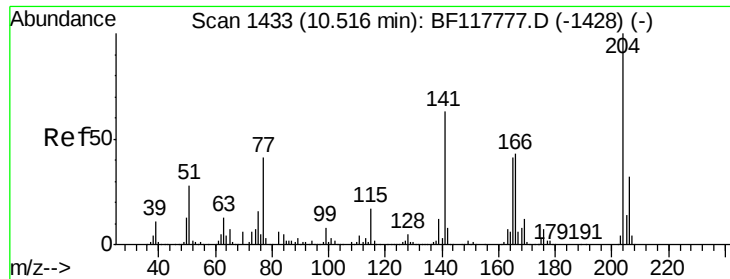
mohammad
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#60
 Diethylphthalate
 Concen: 43.596 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Tgt Ion:	149	Resp:	1052891
Ion Ratio	Lower	Upper	
149	100		
177	23.2	17.6	26.4
150	12.3	9.8	14.8





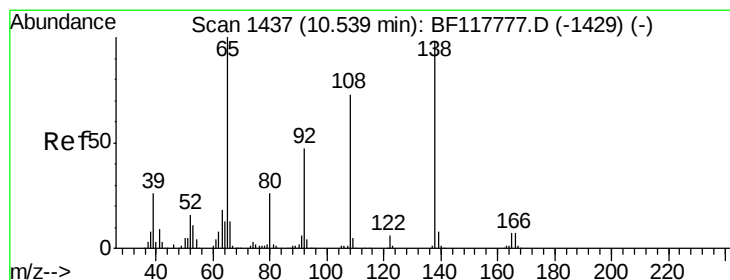
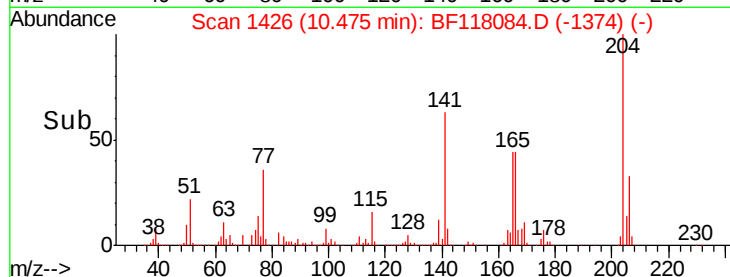
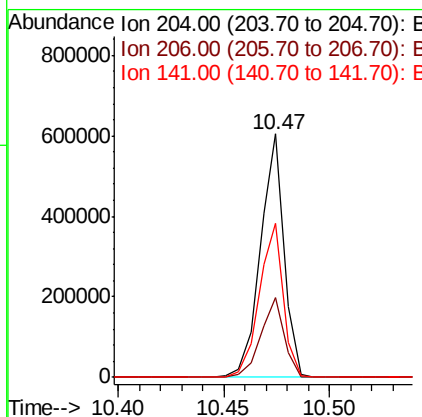
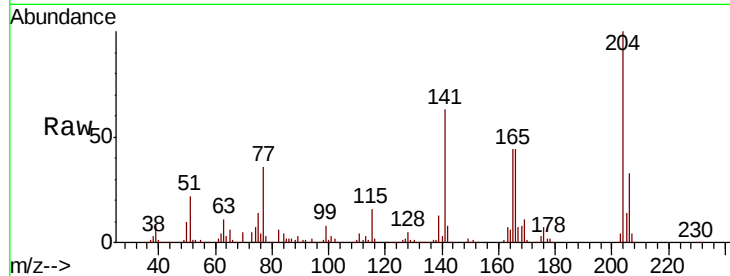
#61
 4-Chlorophenyl-phenylether
 Concen: 42.830 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB125225BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	63.5	55.1	82.7

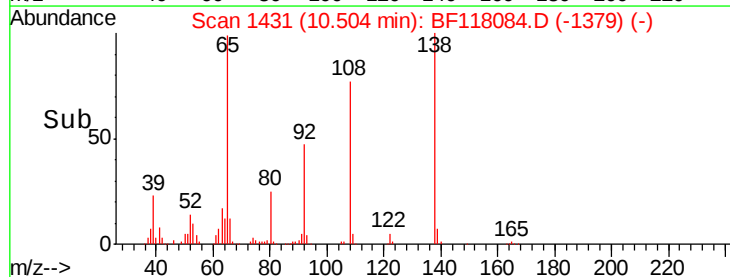
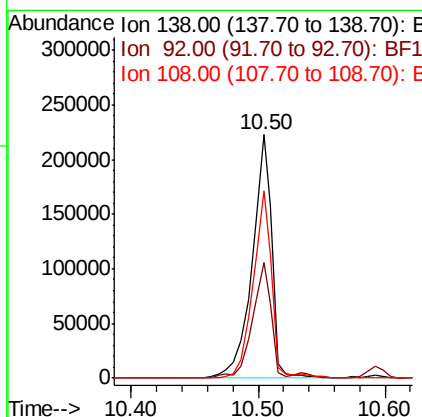
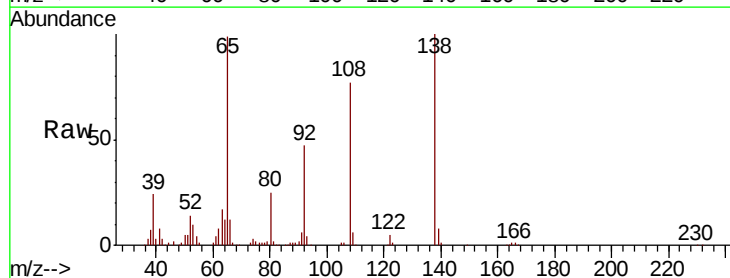
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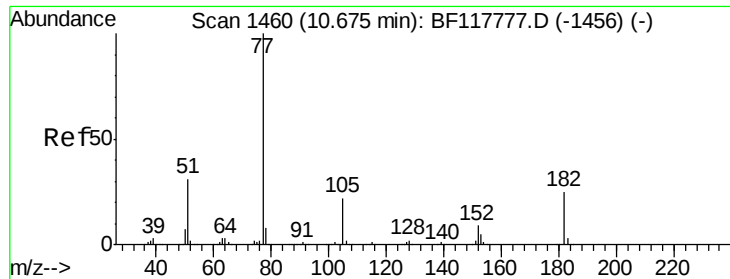
mohammad
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#62
 4-Nitroaniline
 Concen: 37.502 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	27.5	67.5
108	77.0	57.9	97.9





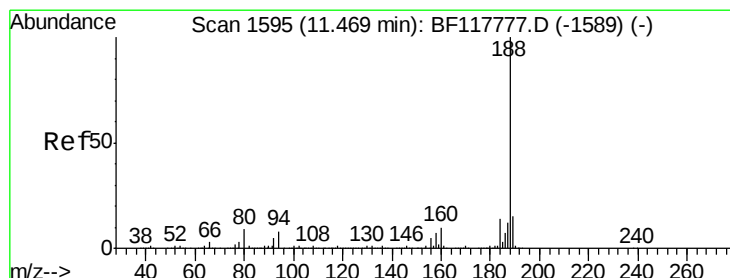
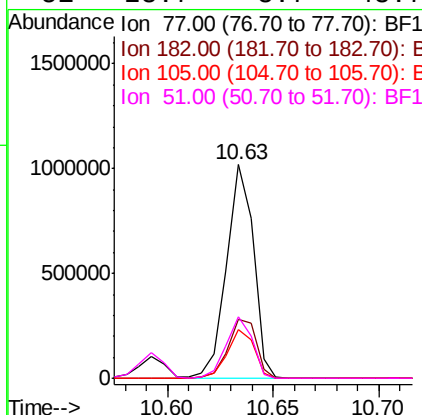
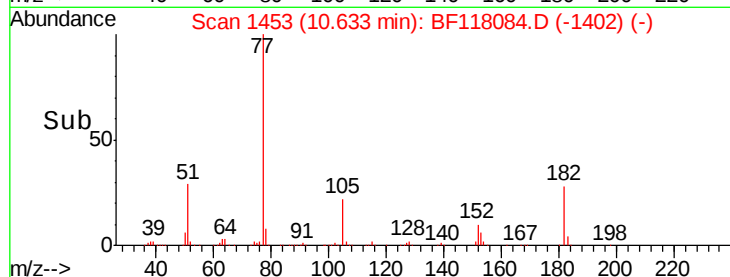
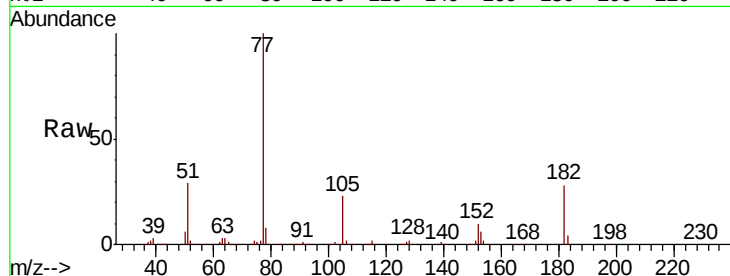
#63
Azobenzene
Concen: 40.528 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		890478		
182	27.6	8.2	48.2		
105	22.5	2.1	42.1		
51	28.7	8.7	48.7		

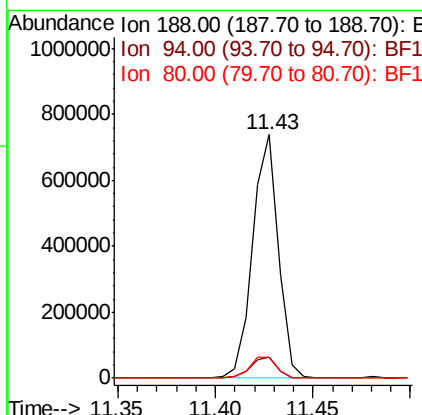
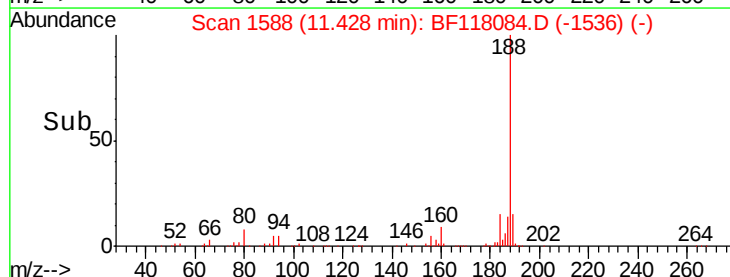
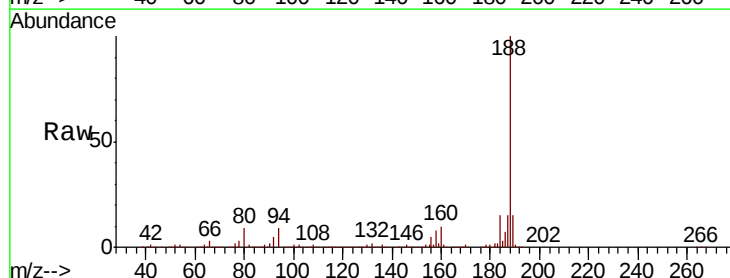
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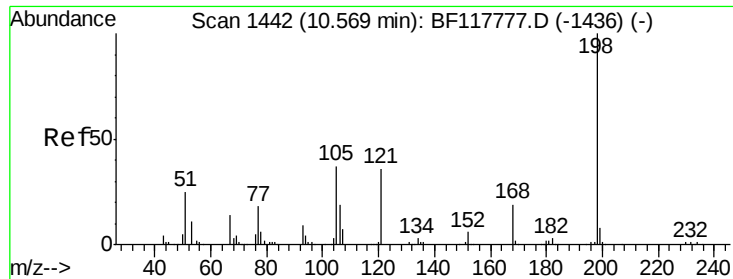
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		672536		
94	8.5	7.0	10.6		
80	8.8	7.2	10.8		





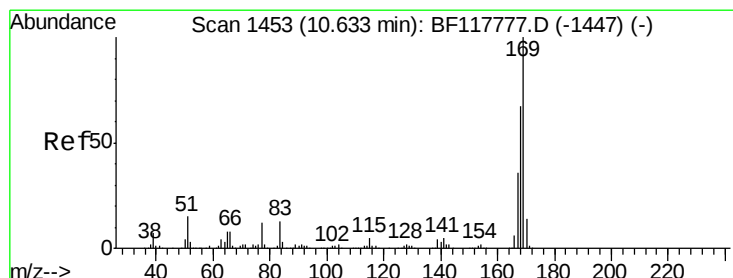
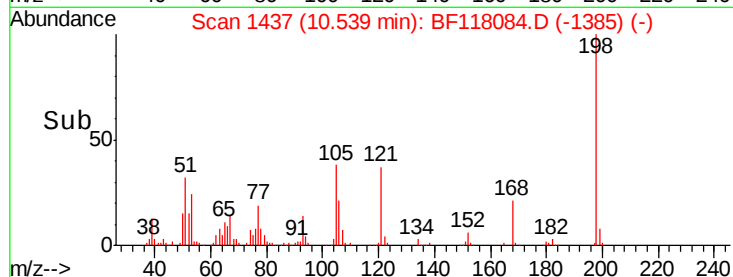
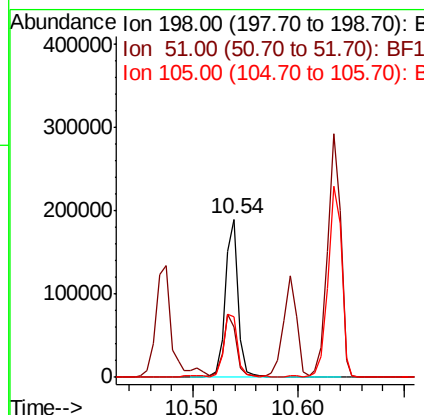
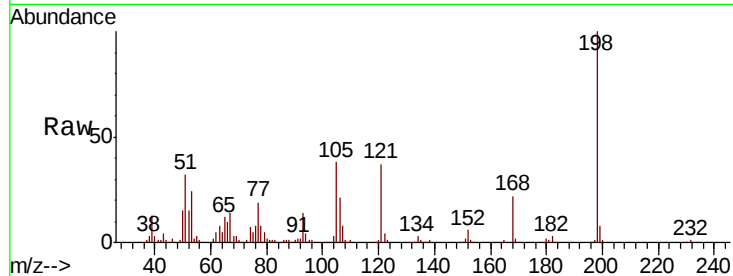
#65
4,6-Dinitro-2-methylphenol
Concen: 51.962 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	31.8	12.6	52.6
105	38.2	17.0	57.0

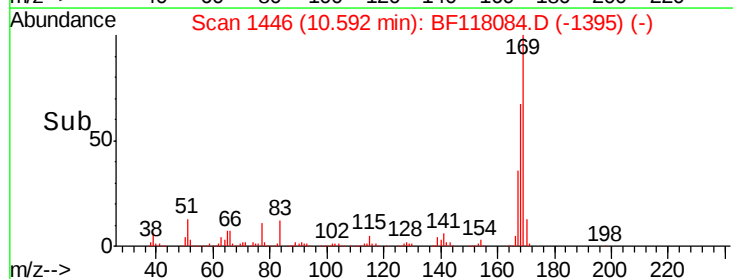
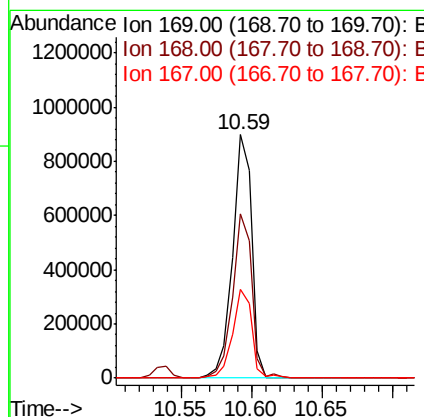
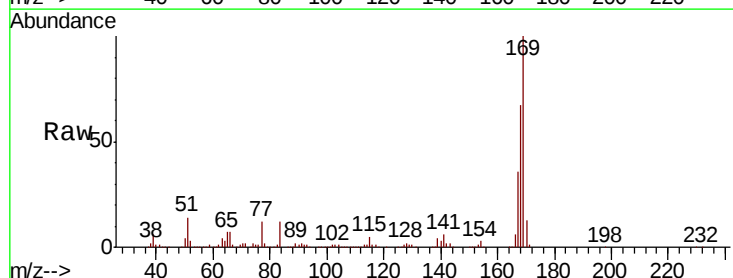
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#66
n-Nitrosodiphenylamine
Concen: 43.051 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	52.5	78.7
167	36.2	28.4	42.6





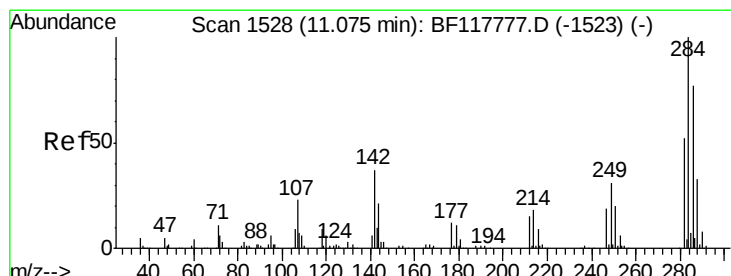
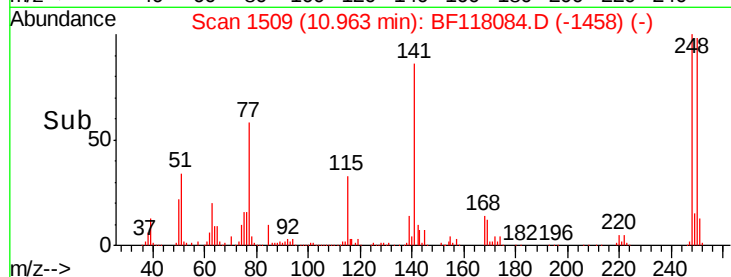
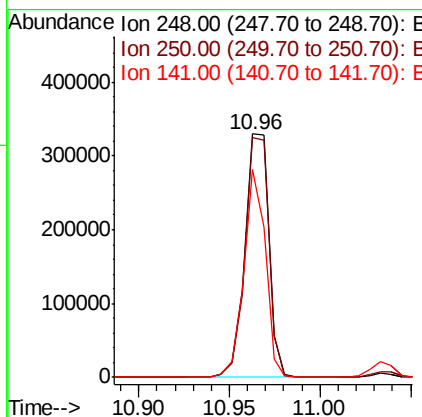
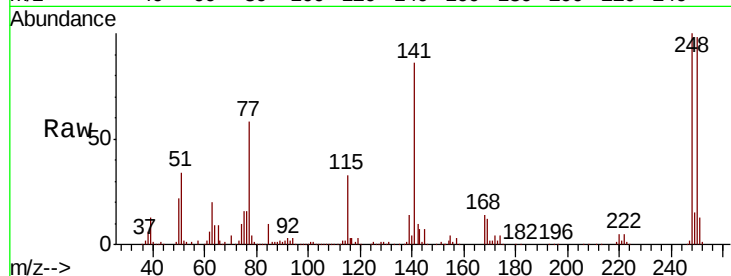
#67
4-Bromophenyl-phenylether
Concen: 41.764 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.0	117.0
141	85.6	64.0	96.0

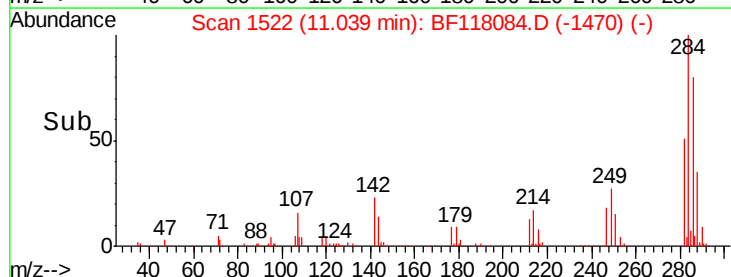
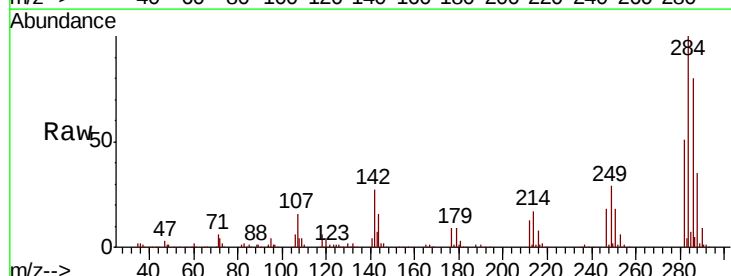
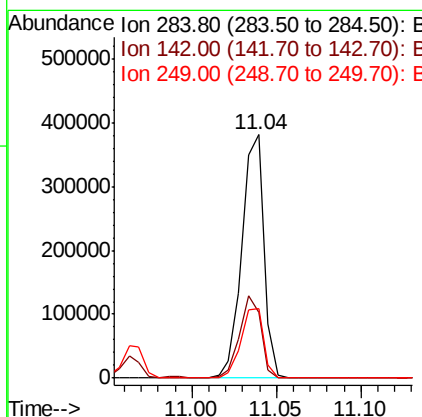
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#68
Hexachlorobenzene
Concen: 41.209 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	27.3	40.9#
249	28.5	24.8	37.2





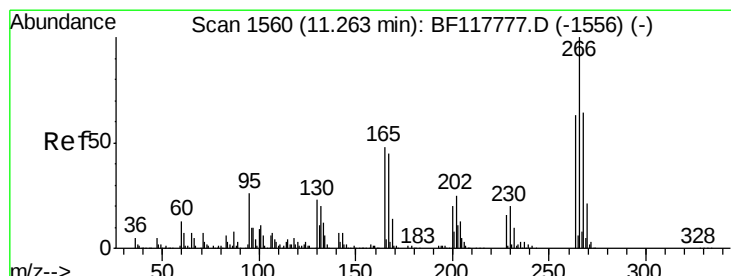
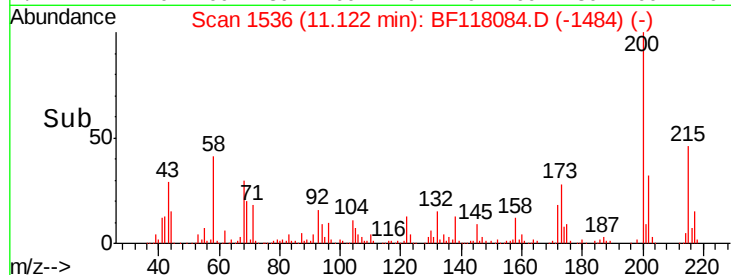
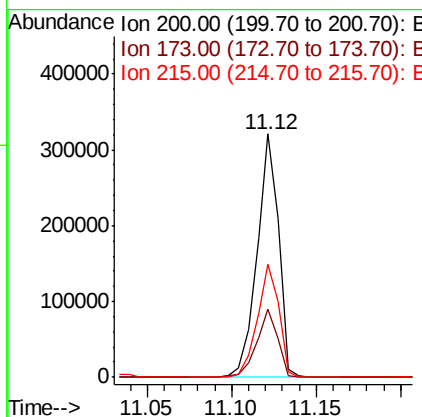
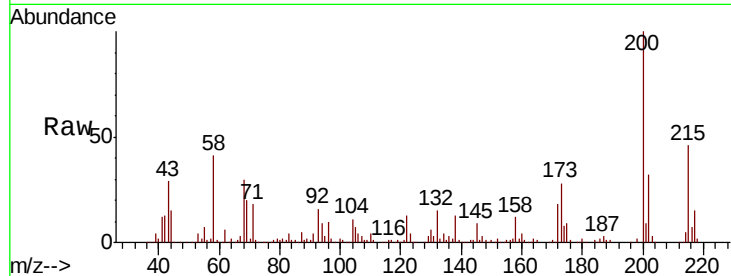
#69
Atrazine
Concen: 44.364 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	285637		
173	28.0	7.9	47.9	
215	46.5	27.0	67.0	

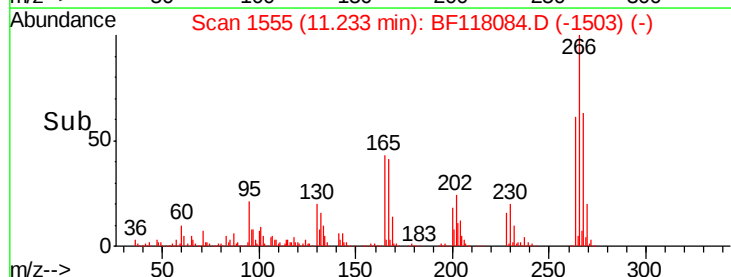
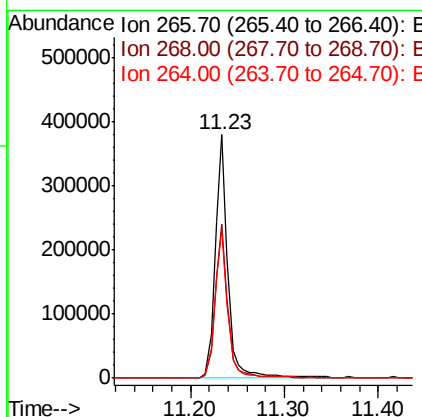
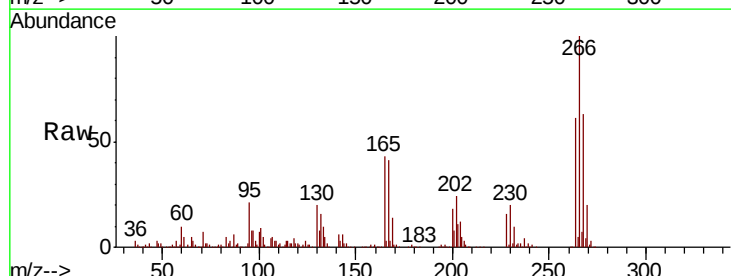
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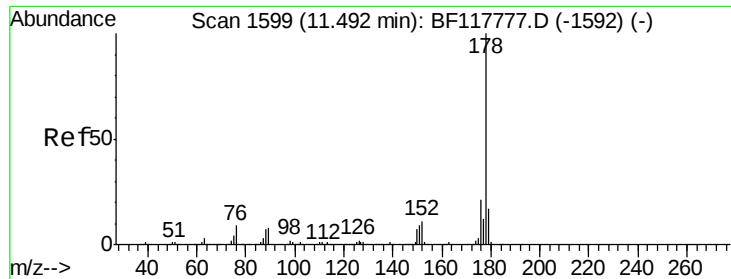
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#70
Pentachlorophenol
Concen: 72.950 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	360626		
268	63.1	50.3	75.5	
264	61.2	50.3	75.5	





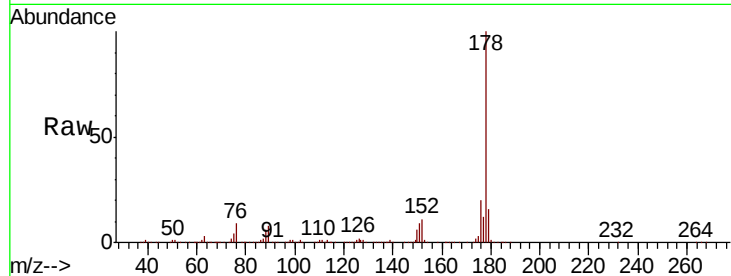
#71
Phenanthrene
Concen: 42.825 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

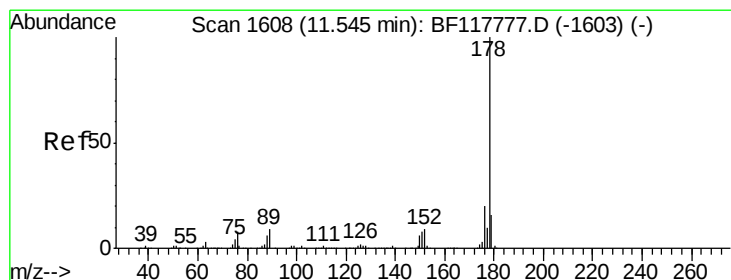
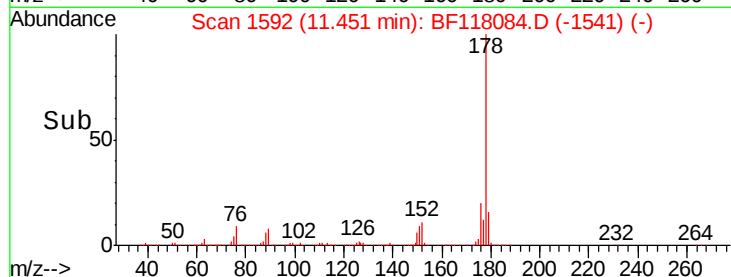
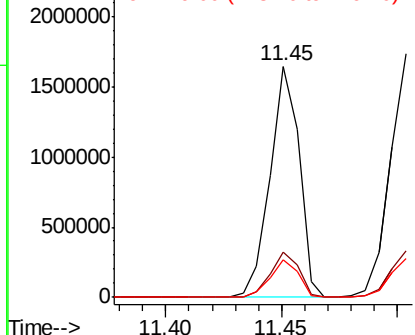
Tot Ion:178 Resp: 1448024
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.1 12.3 18.5

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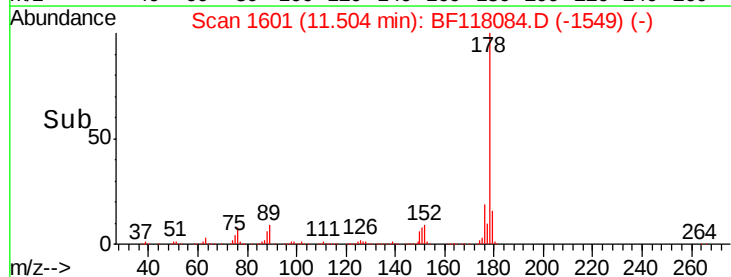
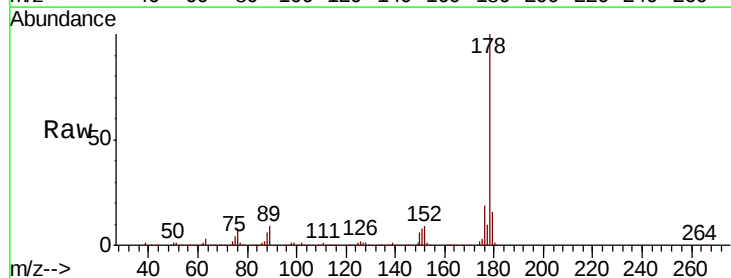
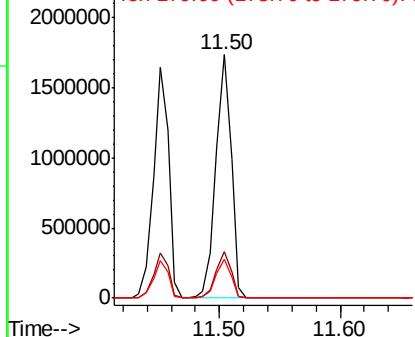
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

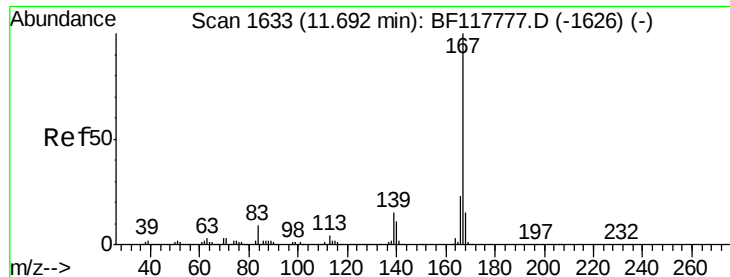


#72
Anthracene
Concen: 44.865 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion:178 Resp: 1504069
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.9 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





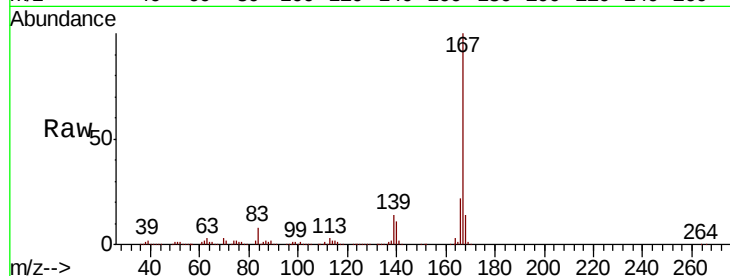
#73
 Carbazole
 Concen: 46.871 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB125225BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	14.3	11.5	17.3

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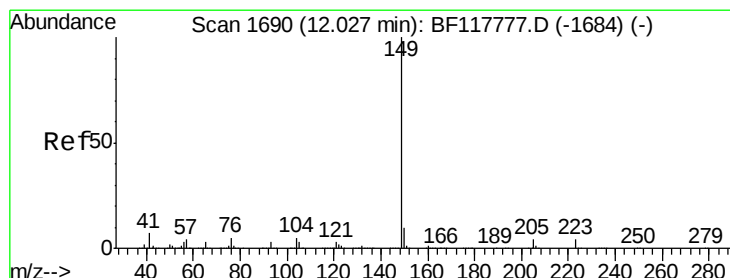
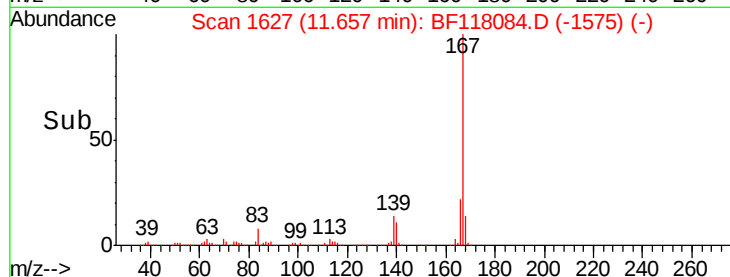
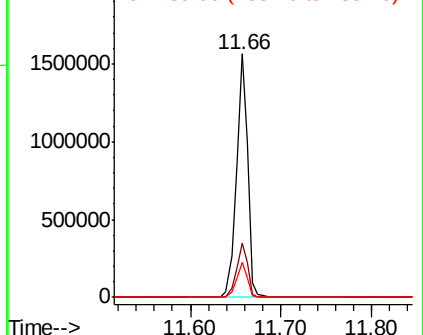


Abundance

Ion 167.00 (166.70 to 167.70): E

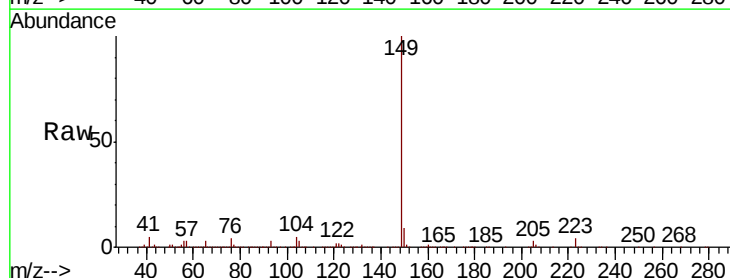
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 48.575 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF118084.D
 Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.8	4.2	6.4

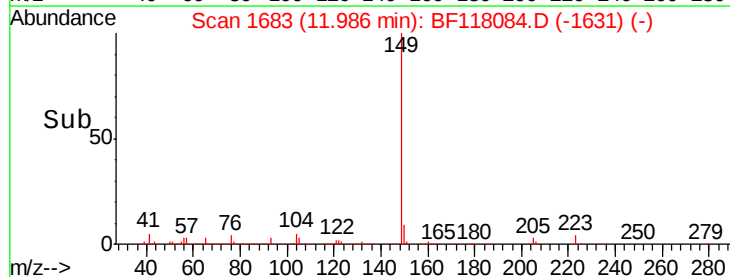
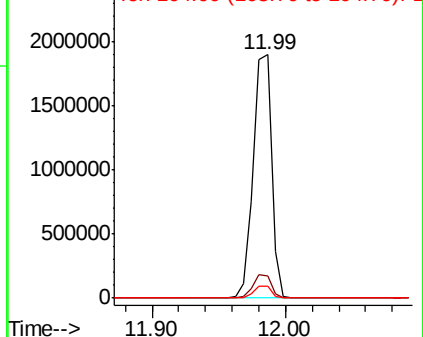


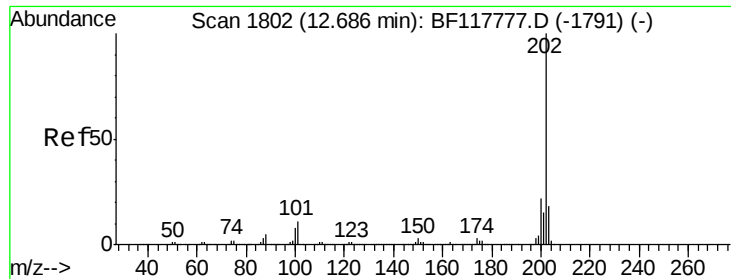
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 58.313 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

PB125225BS

Tot Ion:202 Resp: 1726968

Ion Ratio Lower Upper

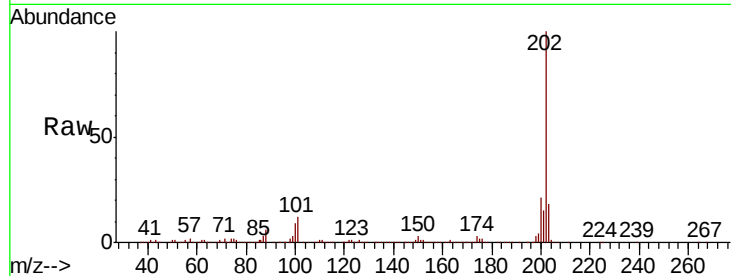
202 100

101 12.2 0.0 31.5

203 17.9 0.0 37.6

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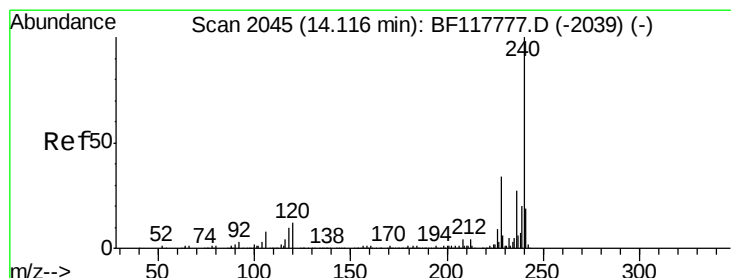
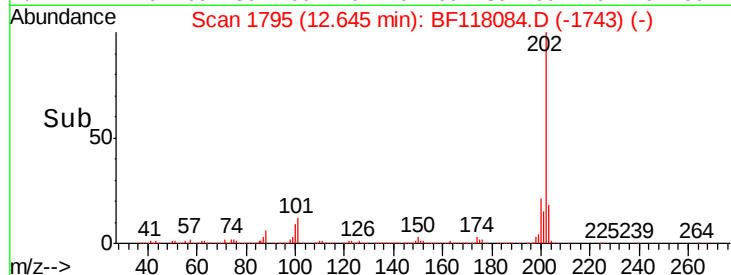
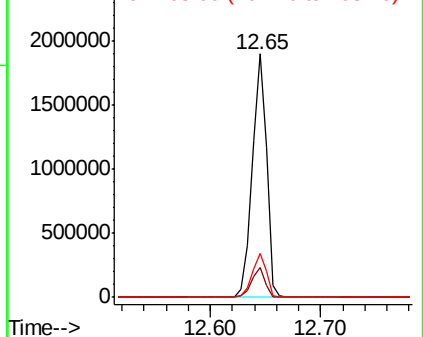


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

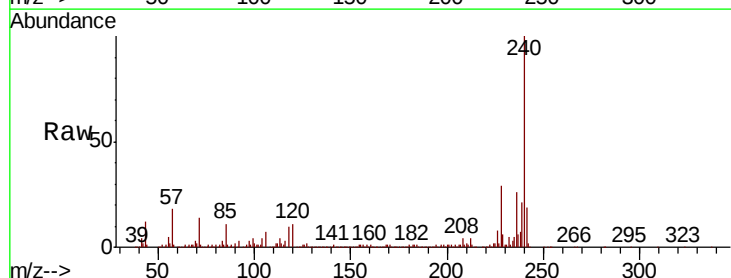
Tgt Ion:240 Resp: 553558

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

236 26.2 20.6 31.0

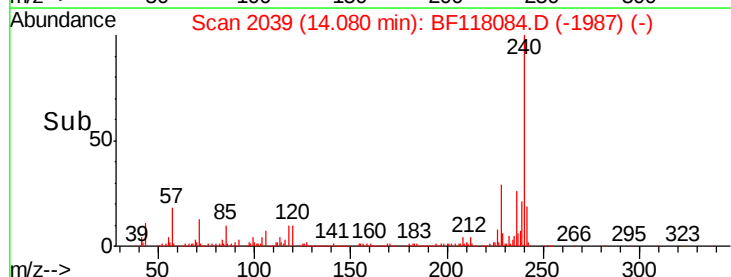
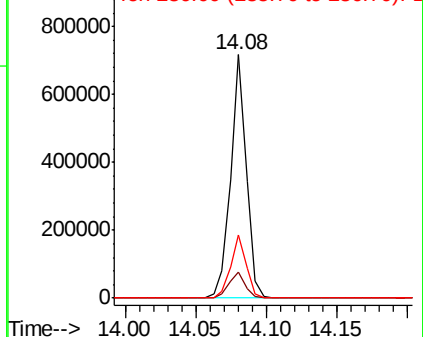


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.713 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

PB125225BS

Tot Ion:184 Resp: 248642

Ion Ratio Lower Upper

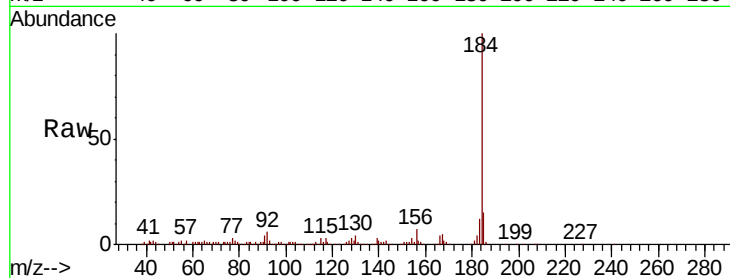
184 100

185 14.7 11.6 17.4

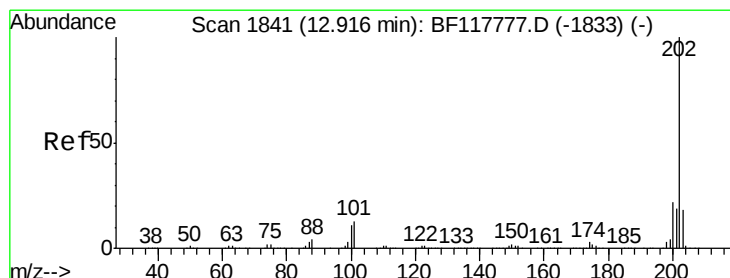
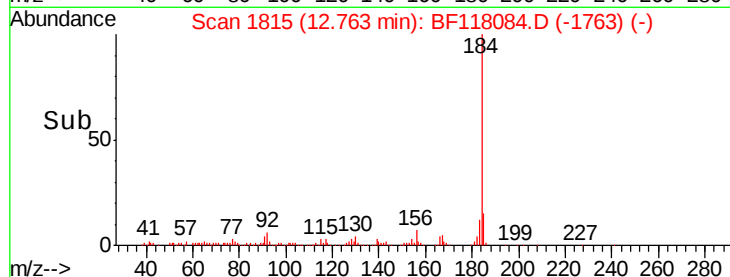
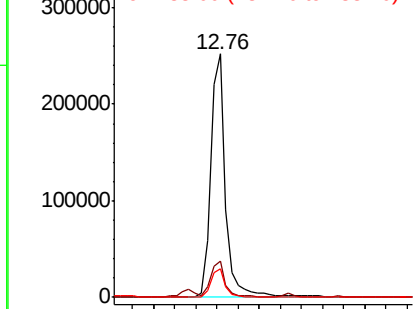
183 11.6 9.7 14.5

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



#78

Pyrene

Concen: 37.344 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

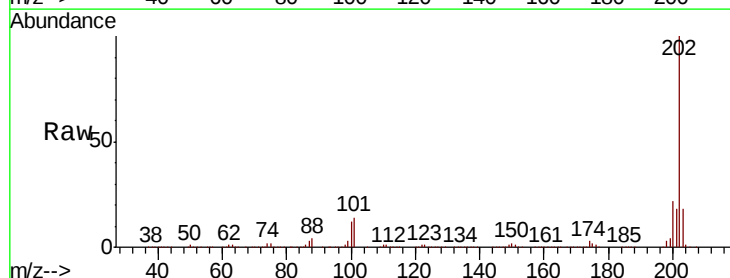
Tgt Ion:202 Resp: 1670616

Ion Ratio Lower Upper

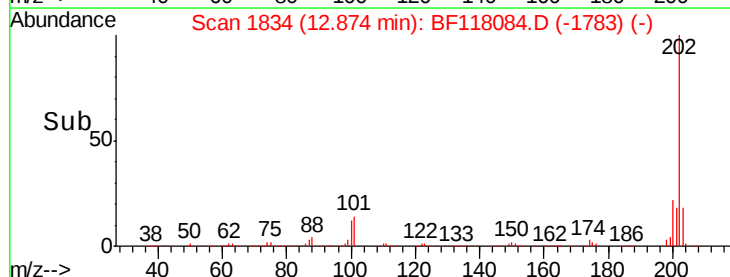
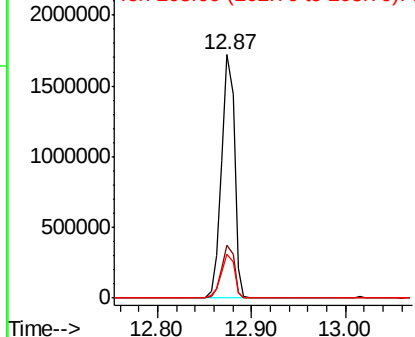
202 100

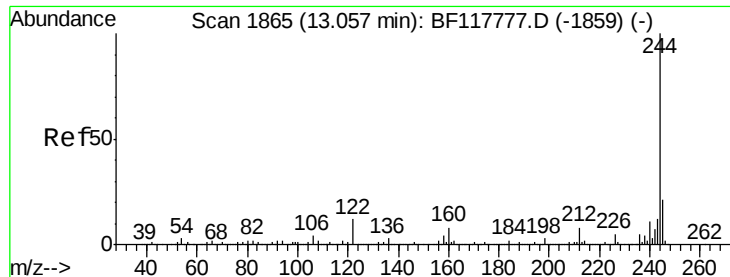
200 21.6 17.0 25.6

203 17.9 14.2 21.4



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





#79

Terphenyl-d14

Concen: 65.348 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

Instrument :

BNA_F

ClientSampleId :

PB125225BS

Tot Ion:244 Resp: 1979289

Ion Ratio Lower Upper

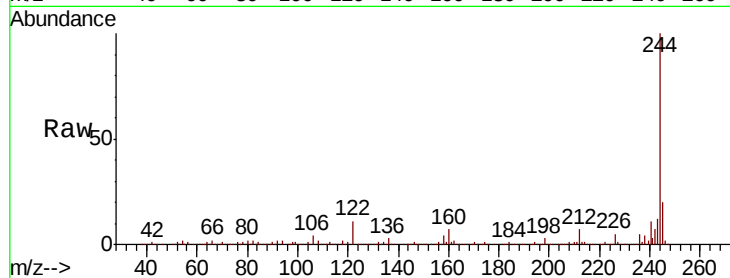
244 100

212 7.1 5.2 7.8

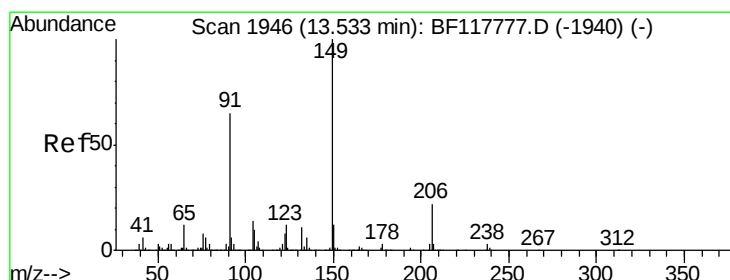
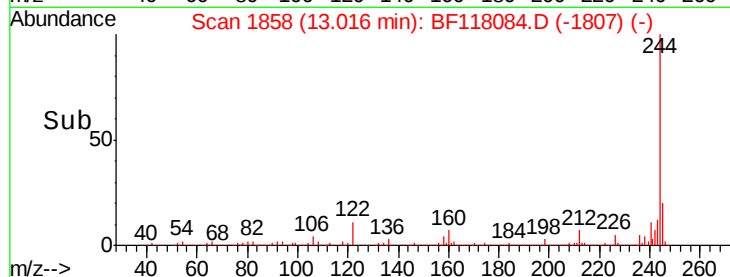
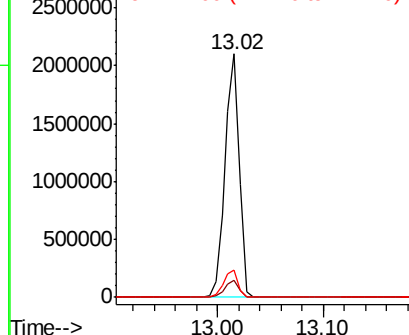
122 11.0 7.2 10.8#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.957 ng

RT: 13.49 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BF118084.D

Acq: 4 Dec 2019 14:11

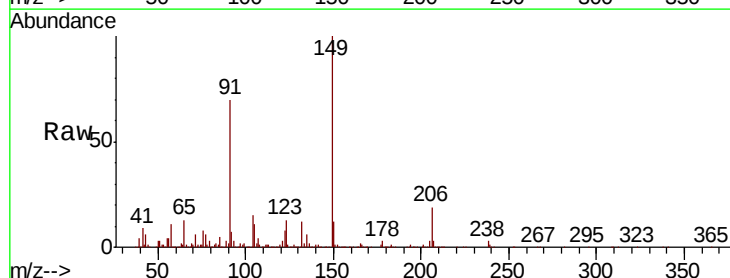
Tgt Ion:149 Resp: 825383

Ion Ratio Lower Upper

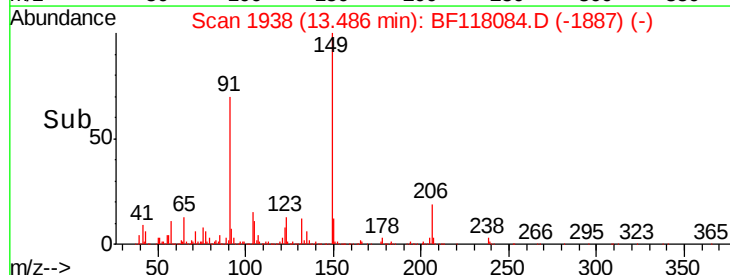
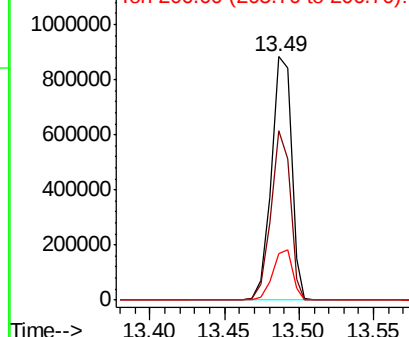
149 100

91 69.7 53.1 79.7

206 19.2 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





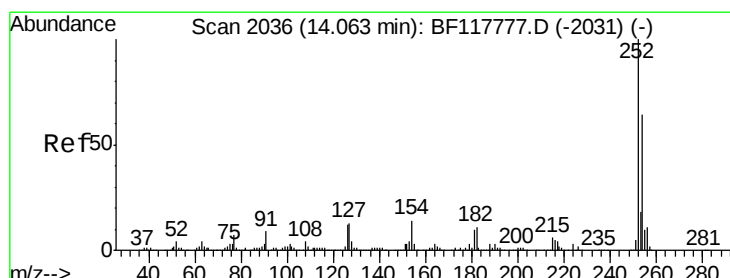
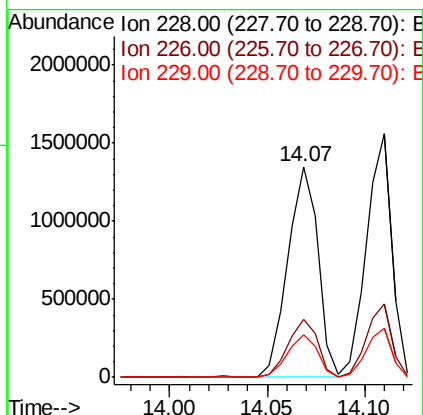
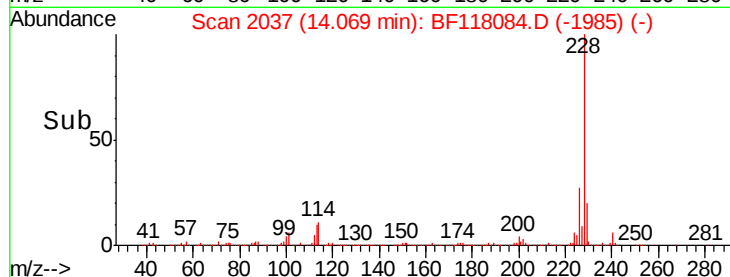
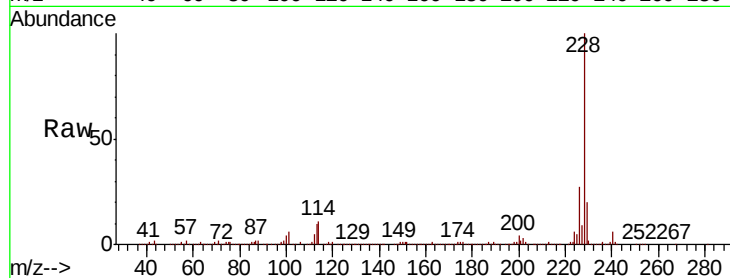
#81
Benzo(a)anthracene
Concen: 39.605 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion:228 Resp: 1448764
Ion Ratio Lower Upper
228 100
226 27.5 21.9 32.9
229 20.5 16.2 24.2

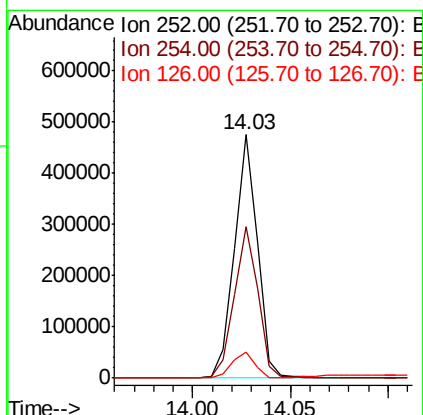
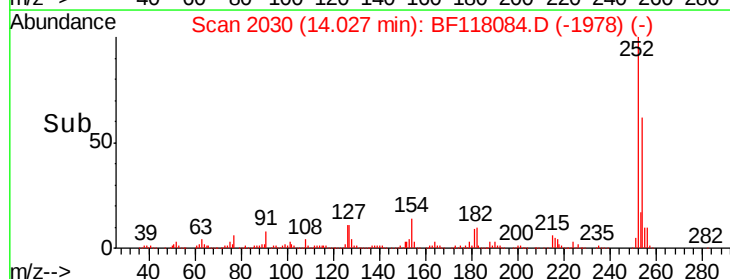
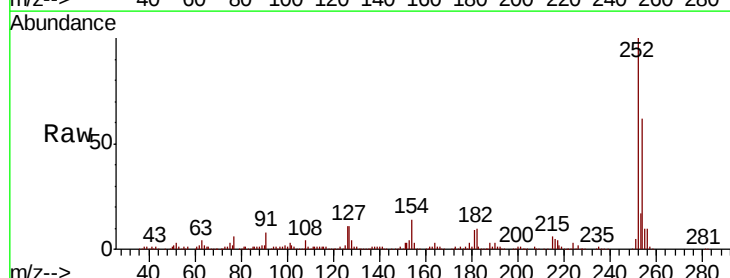
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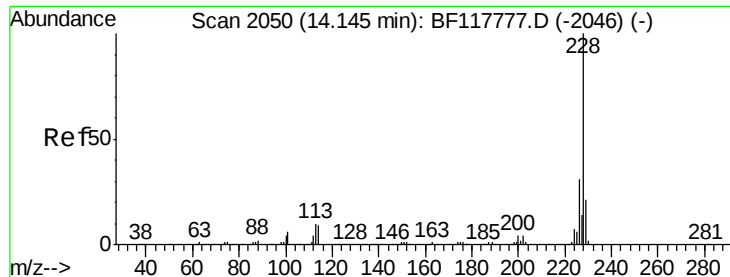
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#82
3,3'-Dichlorobenzidine
Concen: 30.482 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion:252 Resp: 390031
Ion Ratio Lower Upper
252 100
254 62.2 52.2 78.2
126 10.9 9.3 13.9





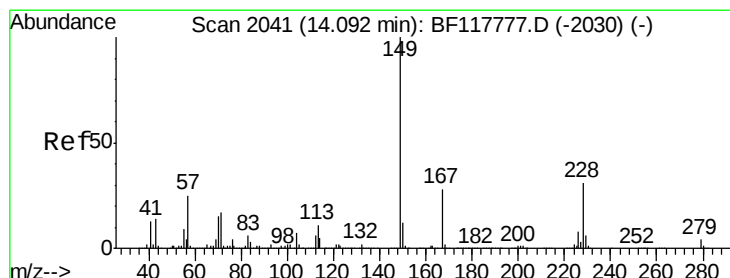
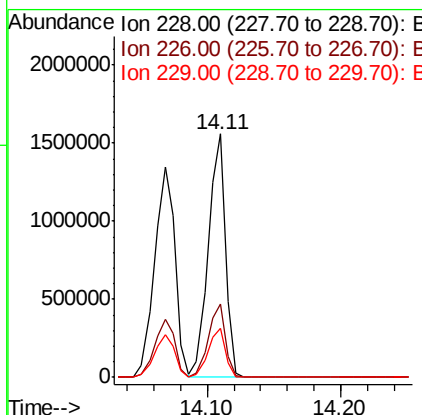
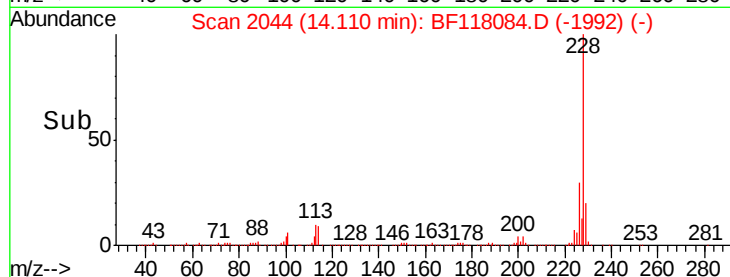
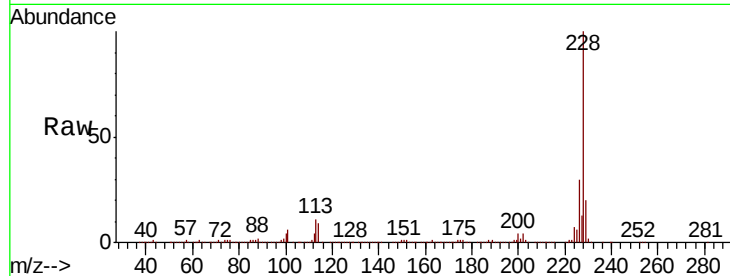
#83
Chrysene
Concen: 39.560 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion:228 Resp: 1402245
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 20.2 16.2 24.2

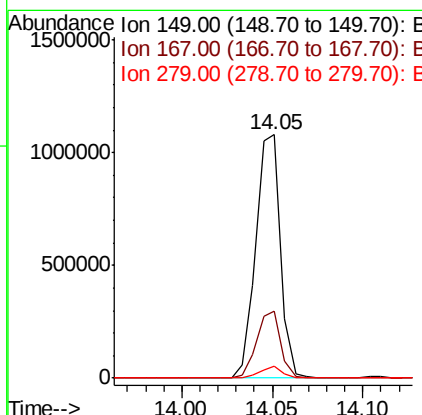
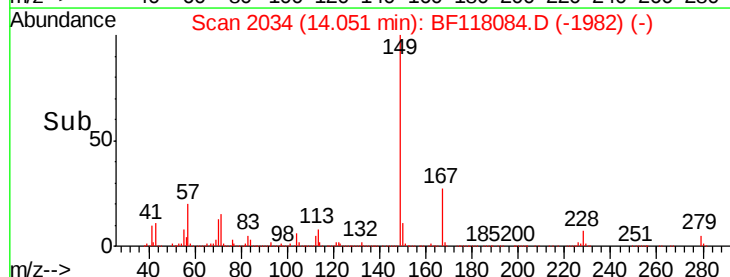
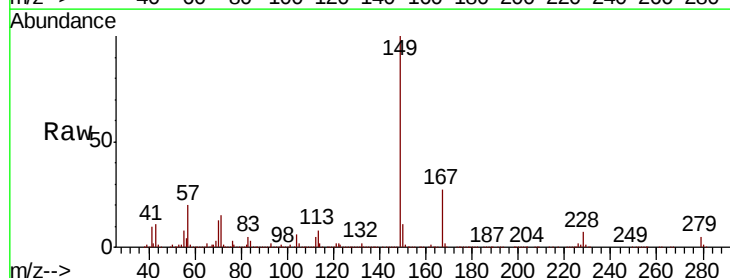
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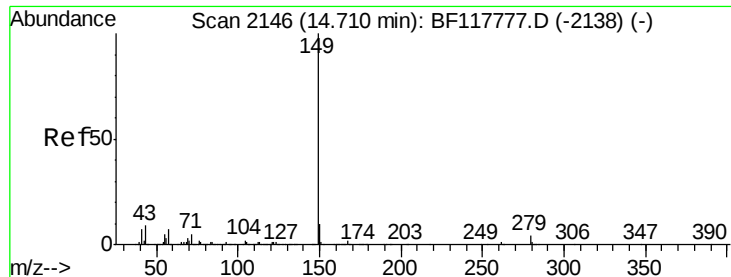
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.942 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion:149 Resp: 1023607
Ion Ratio Lower Upper
149 100
167 27.4 21.8 32.8
279 4.9 3.4 5.0





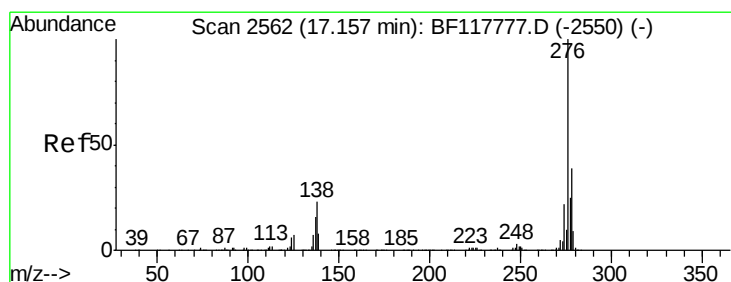
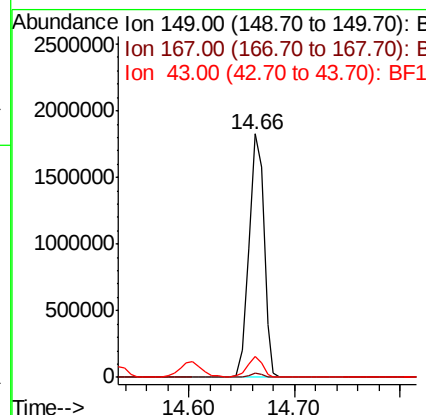
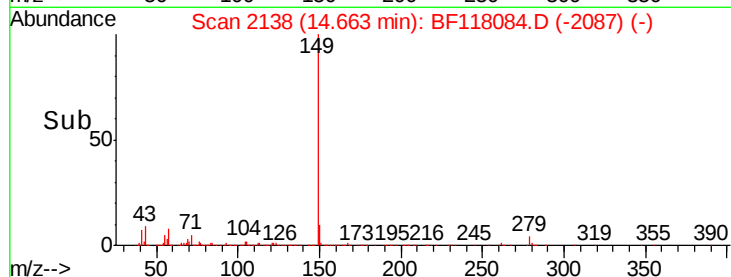
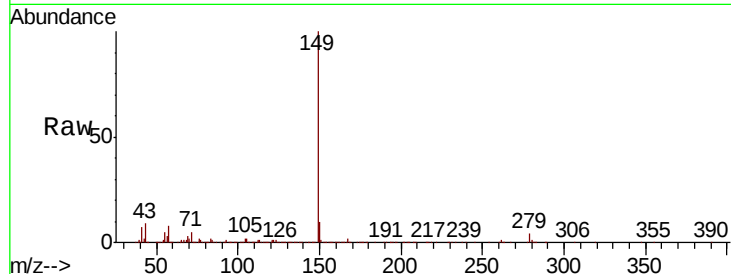
#85
Di-n-octyl phthalate
Concen: 52.097 ng
RT: 14.66 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.2	6.4	9.6

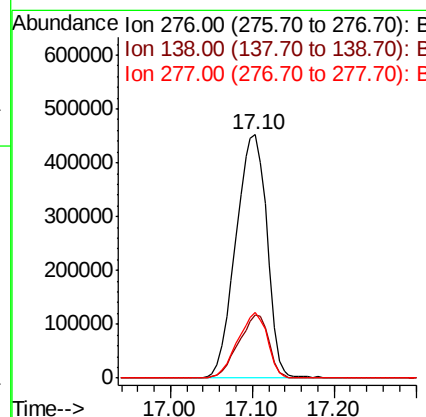
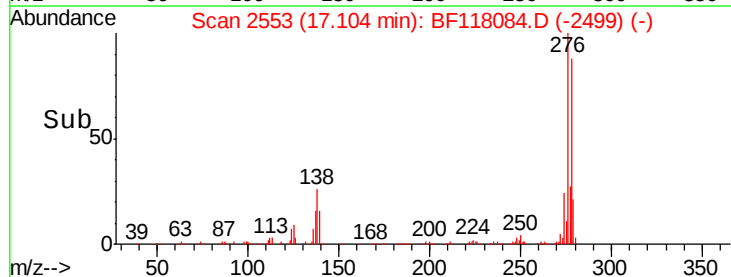
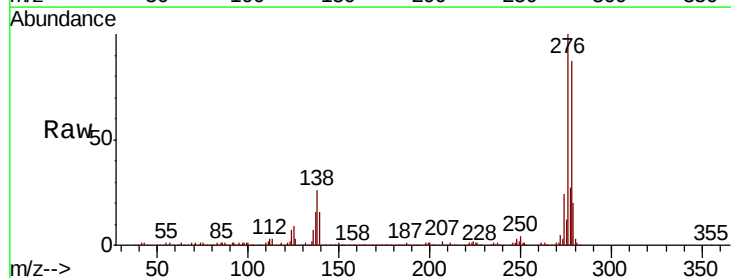
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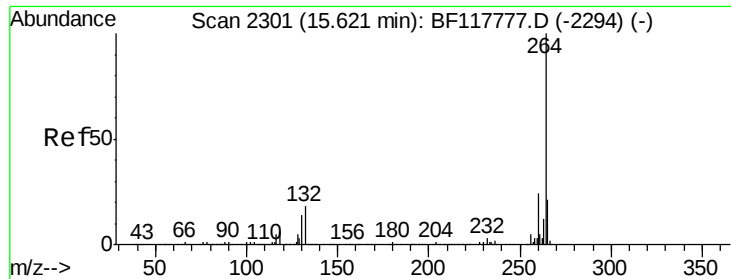
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.851 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.02 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.0	28.6
277	25.8	20.7	31.1





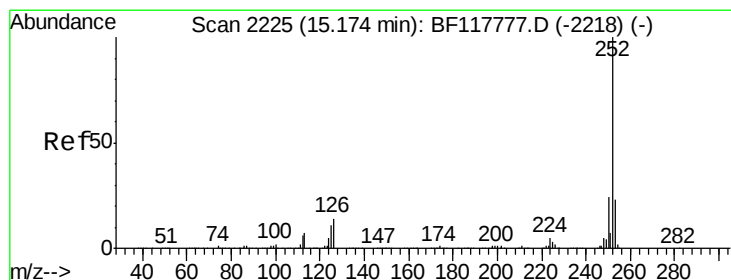
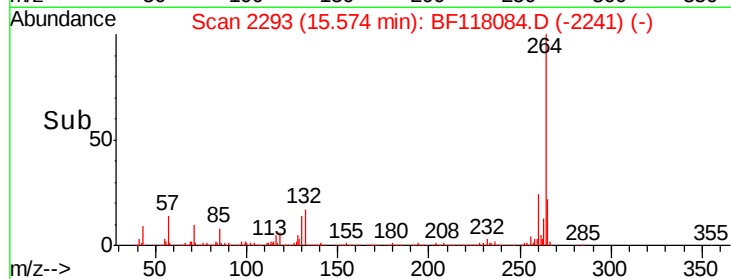
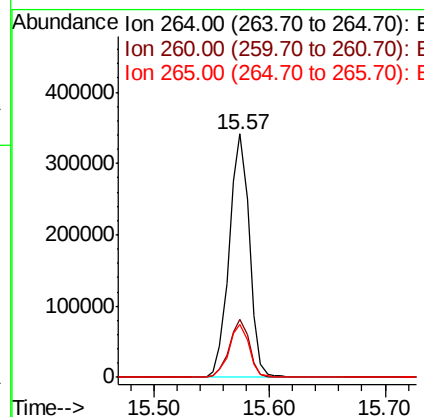
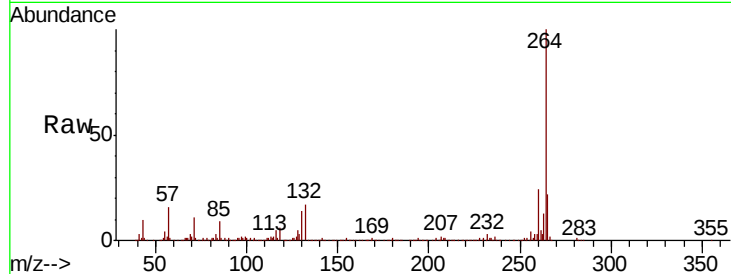
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.9	16.4	24.6

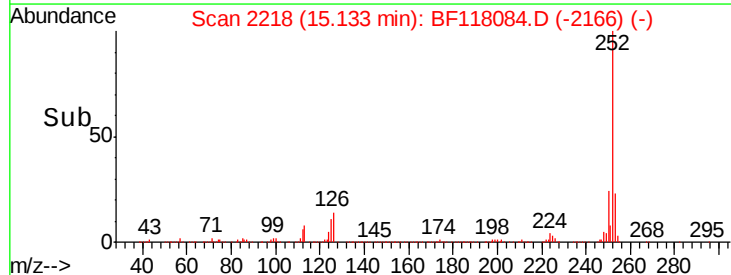
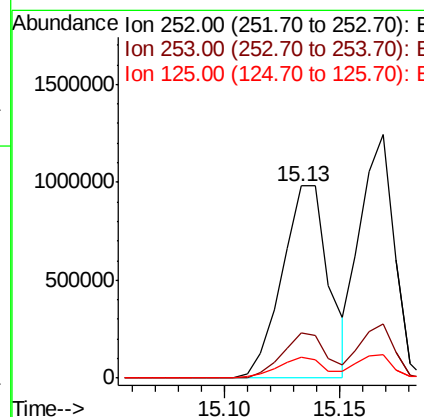
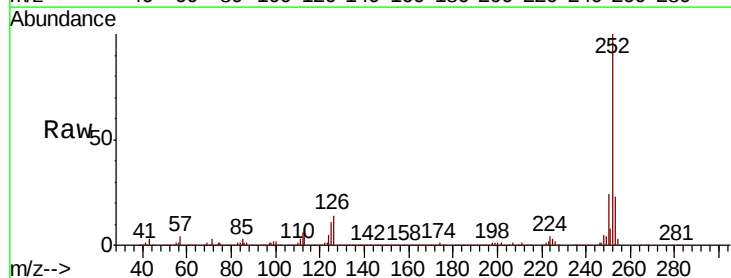
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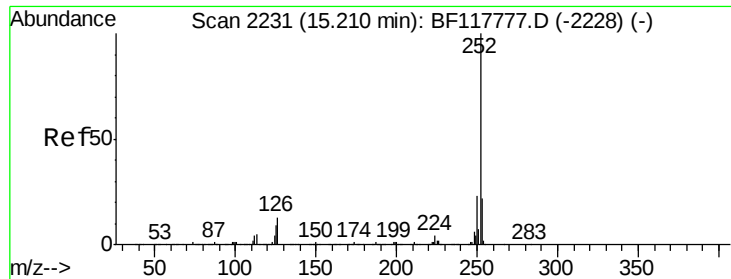
mohammad
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#88
Benzo(b)fluoranthene
Concen: 51.262 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	10.9	7.7	11.5





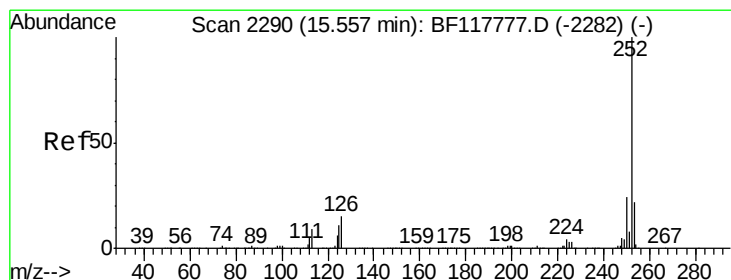
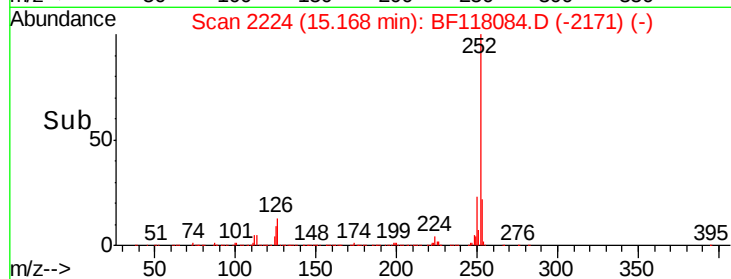
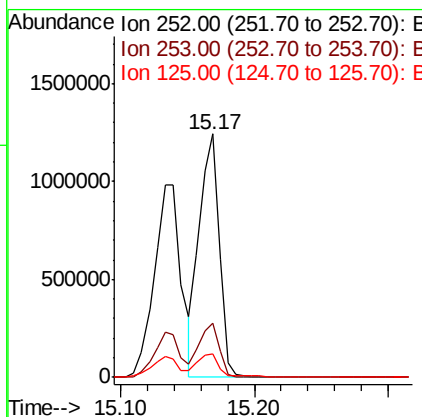
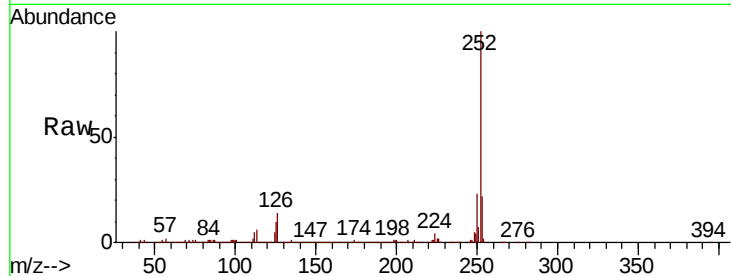
#89
Benzo(k)fluoranthene
Concen: 50.686 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	9.8	8.5	12.7

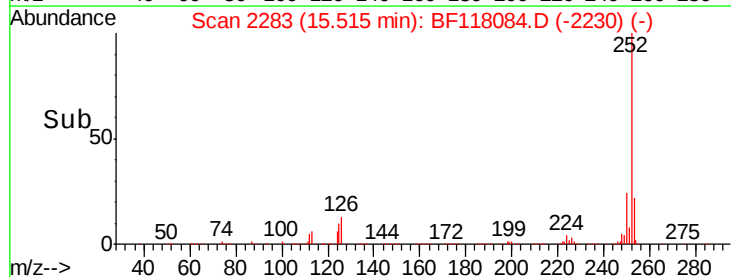
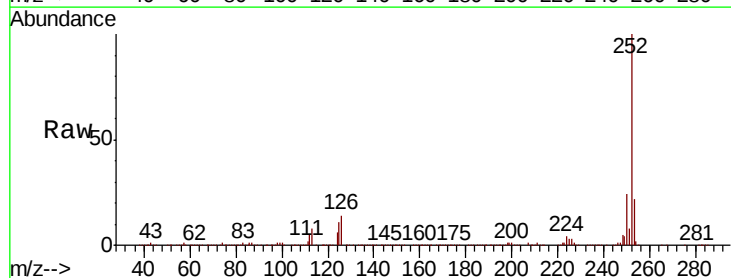
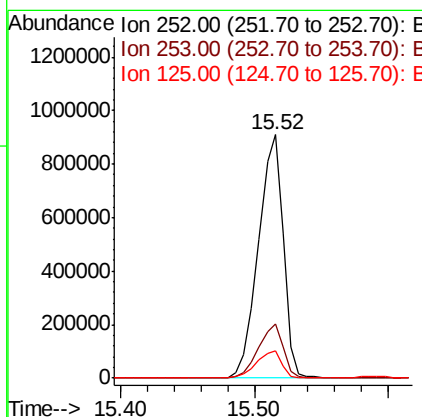
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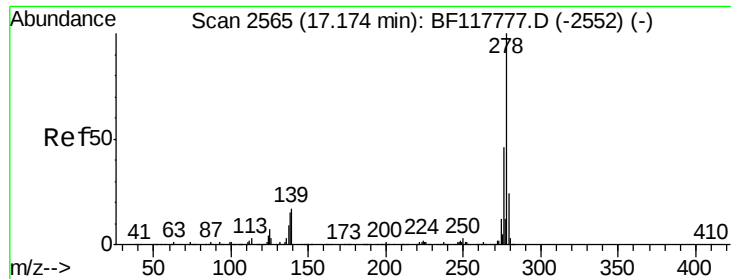
mohammad
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#90
Benzo(a)pyrene
Concen: 49.454 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.0	8.9	13.3





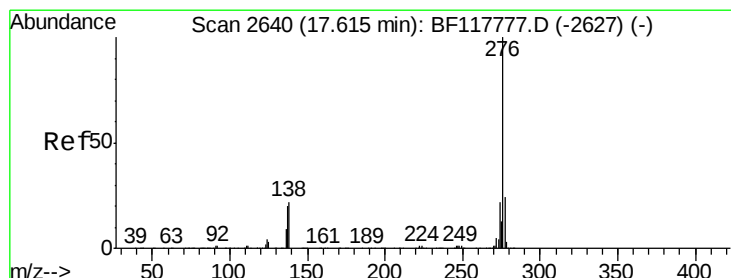
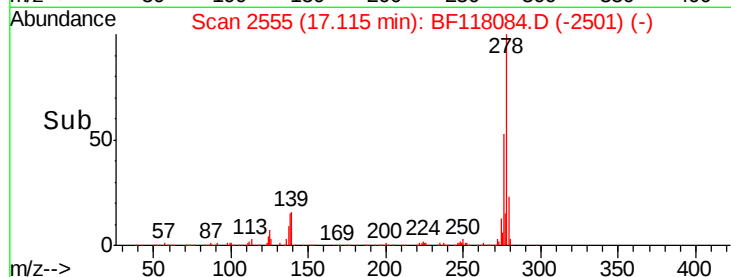
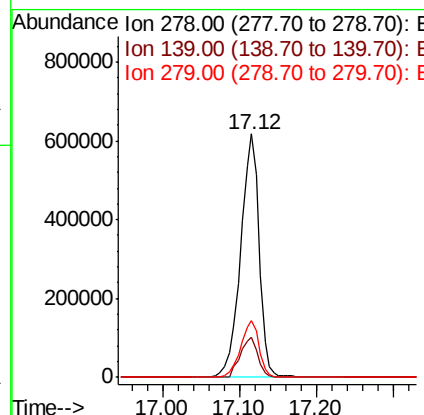
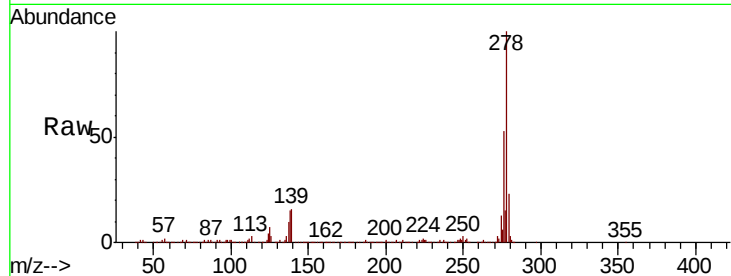
#91
Dibenzo(a,h)anthracene
Concen: 51.257 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.02 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Instrument :
BNA_F
ClientSampleId :
PB125225BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.2	18.4
279	23.5	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 47.843 ng
RT: 17.56 min Scan# 2631
Delta R.T. 0.02 min
Lab File: BF118084.D
Acq: 4 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	20.9	16.6	25.0

