

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114608.D
 Acq On : 25 May 2019 17:12
 Operator : JU/SJ
 Sample : PB119859BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119859BS

Manual Integrations
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mohammad
 5/27/2019 3:49:57 AM

Quant Time: May 27 00:41:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	162460	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	622067	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	302890	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	599705	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	406688	20.00	ng	-0.01
87) Perylene-d12	15.43	264	417803	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1268573	125.66	ng	0.00
7) Phenol-d6	6.46	99	1600789	134.07	ng	0.00
23) Nitrobenzene-d5	7.37	82	989135	89.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	403327	128.80	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1806742	90.23	ng	-0.01
79) Terphenyl-d14	12.91	244	1805029	91.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	239843	43.223	ng	99
3) Pyridine	3.35	79	473714	30.985	ng	98
4) n-Nitrosodimethylamine	3.30	42	254798	34.560	ng	99
6) Aniline	6.47	93	506111	29.344	ng	# 37
8) 2-Chlorophenol	6.59	128	467460	43.374	ng	96
9) Benzaldehyde	6.35	77	226442	27.090	ng	97
10) Phenol	6.47	94	565884	40.288	ng	81
11) bis(2-Chloroethyl)ether	6.54	93	445057	41.737	ng	98
12) 1,3-Dichlorobenzene	6.74	146	494479	40.874	ng	98
13) 1,4-Dichlorobenzene	6.82	146	505449	41.463	ng	98
14) 1,2-Dichlorobenzene	6.97	146	463949	41.657	ng	98
15) Benzyl Alcohol	6.95	79	368194	39.538	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	802674	38.822	ng	57
17) 2-Methylphenol	7.07	107	369380	41.723	ng	# 91
18) Hexachloroethane	7.31	117	184743	40.374	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	319067	42.159	ng	98
20) 3+4-Methylphenols	7.22	107	483982	47.316	ng	# 72
22) Acetophenone	7.21	105	629984	45.715	ng	# 89
24) Nitrobenzene	7.39	77	493307	43.695	ng	97
25) Isophorone	7.63	82	913704	44.446	ng	99
26) 2-Nitrophenol	7.70	139	253114	46.211	ng	98
27) 2,4-Dimethylphenol	7.75	122	419879	48.808	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	573691	43.010	ng	99
29) 2,4-Dichlorophenol	7.95	162	393715	45.962	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	419486	43.065	ng	98
31) Naphthalene	8.10	128	1331231	45.813	ng	99
32) Benzoic acid	7.90	122	229345	38.941	ng	99
33) 4-Chloroaniline	8.16	127	420721	31.773	ng	98
34) Hexachlorobutadiene	8.22	225	234186	42.253	ng	99
35) Caprolactam	8.53	113	129089m	46.215	ng	
36) 4-Chloro-3-methylphenol	8.66	107	412850	47.880	ng	99
37) 2-Methylnaphthalene	8.80	142	900882	48.053	ng	97
38) 1-Methylnaphthalene	8.90	142	850242	48.158	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	413602	45.078	ng	99

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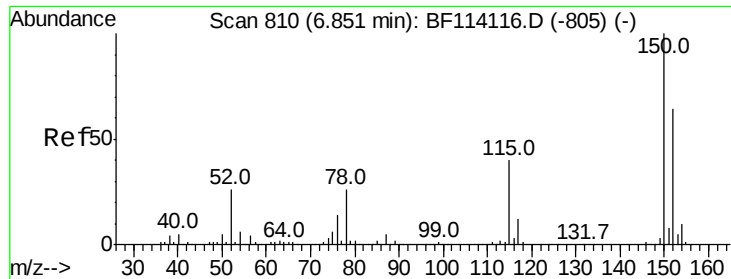
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	201825	48.987	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	261163	41.382	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	265424	41.010	nq	96
46) 1,1'-Biphenyl	9.26	154	1111671	45.431	nq	97
47) 2-Chloronaphthalene	9.29	162	844541	42.886	nq	99
48) 2-Nitroaniline	9.39	65	282626	40.468	nq	92
49) Acenaphthylene	9.70	152	1331877	44.468	nq	98
50) Dimethylphthalate	9.56	163	974224	43.815	nq	100
51) 2,6-Dinitrotoluene	9.63	165	215930	43.784	nq	87
52) Acenaphthene	9.87	154	783762	42.643	nq	98
53) 3-Nitroaniline	9.80	138	188658	30.817	nq	99
54) 2,4-Dinitrophenol	9.93	184	185357	75.189	nq	94
55) Dibenzofuran	10.05	168	1129250	41.900	nq	100
56) 4-Nitrophenol	9.99	139	209399	48.367	nq	99
57) 2,4-Dinitrotoluene	10.05	165	262223	39.174	nq	# 79
58) Fluorene	10.39	166	943859	45.340	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	225378	40.358	nq	98
60) Diethylphthalate	10.26	149	974348	43.128	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	452979	44.304	nq	96
62) 4-Nitroaniline	10.42	138	234183	36.403	nq	96
63) Azobenzene	10.54	77	929517	42.506	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	127870	44.374	nq	98
66) n-Nitrosodiphenylamine	10.50	169	836477	45.957	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	283653	42.958	nq	95
68) Hexachlorobenzene	10.95	284	304380	41.669	nq	95
69) Atrazine	11.03	200	243646	43.016	nq	99
70) Pentachlorophenol	11.15	266	203907	58.886	nq	99
71) Phenanthrene	11.35	178	1314379	45.049	nq	99
72) Anthracene	11.40	178	1355675	46.261	nq	99
73) Carbazole	11.56	167	1251942	44.800	nq	98
74) Di-n-butylphthalate	11.88	149	1498224	46.536	nq	100
75) Fluoranthene	12.54	202	1382370	43.998	nq	98
77) Benzidine	12.66	184	801336	43.895	nq	97
78) Pyrene	12.77	202	1399335	42.772	nq	99
80) Butylbenzylphthalate	13.37	149	641368	46.576	nq	99
81) Benzo(a)anthracene	13.96	228	1170649	44.504	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	366998	35.965	nq	99
83) Chrysene	14.00	228	1143279	44.338	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	870164	48.316	nq	99
85) Di-n-octyl phthalate	14.54	149	1450029	49.666	nq	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	1074922	47.169	nq	99
88) Benzo(b)fluoranthene	15.01	252	1174094	43.864	nq	98
89) Benzo(k)fluoranthene	15.04	252	1107409	45.039	nq	98
90) Benzo(a)pyrene	15.37	252	1104509	46.887	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	892275	45.583	nq	99
92) Benzo(g,h,i)perylene	17.33	276	914883	46.637	nq	99

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



#1

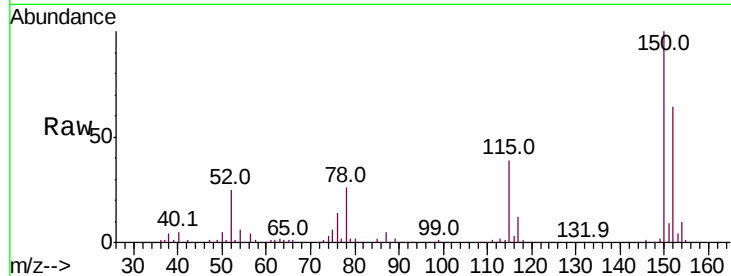
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

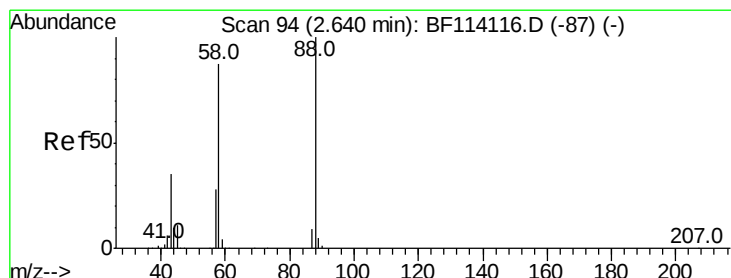
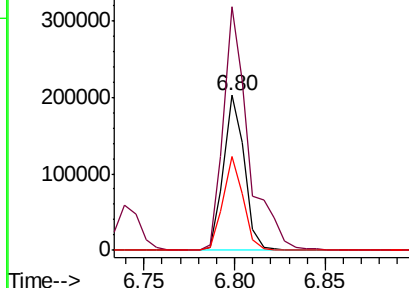
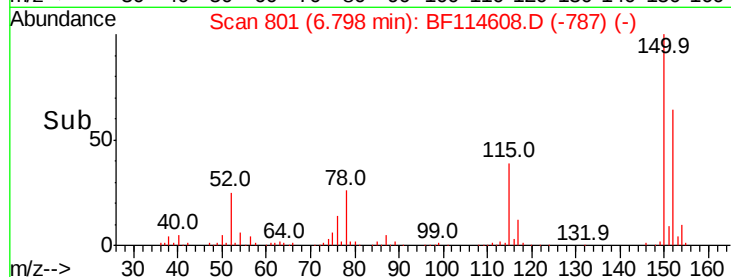
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.3	186.5
115	60.8	49.1	73.7

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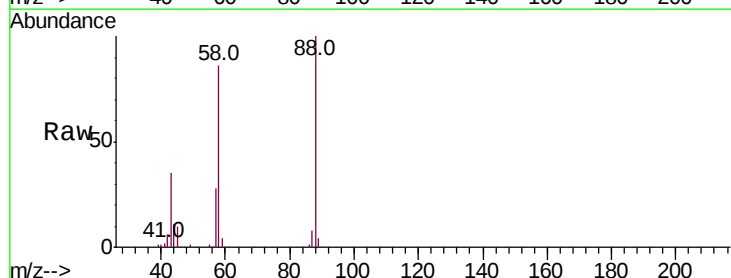
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



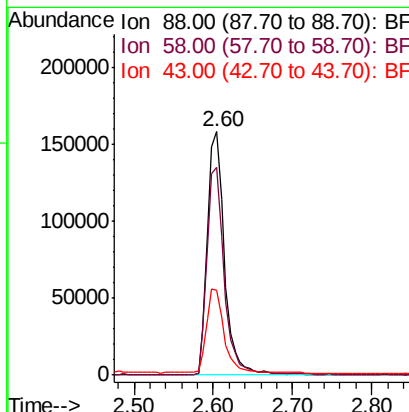
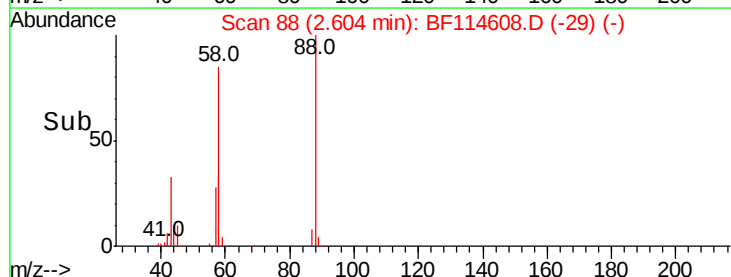
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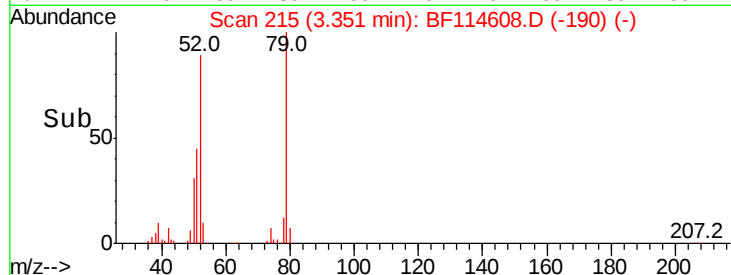
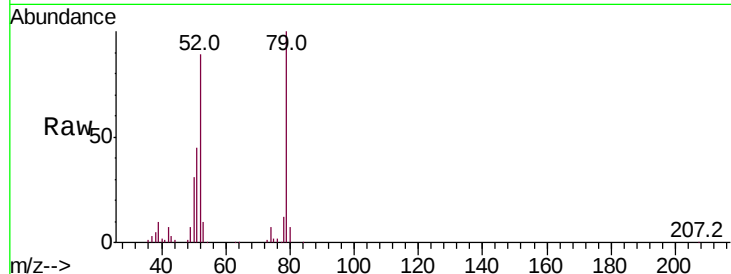
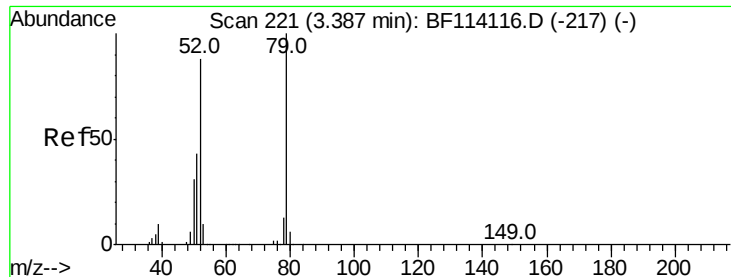
1,4-Dioxane
Concen: 43.223 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.05 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	68.7	103.1
43	34.5	28.2	42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





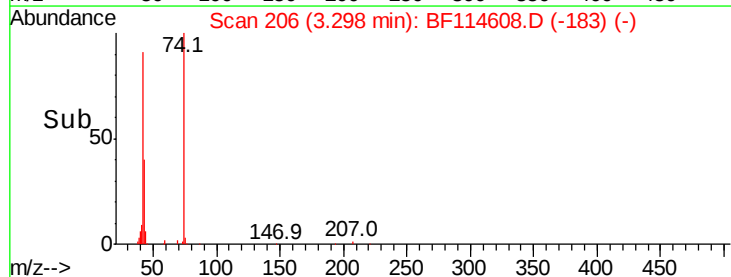
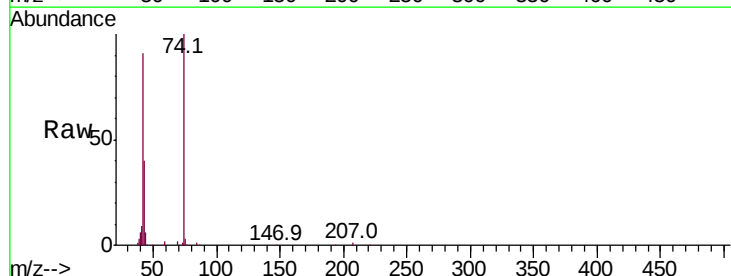
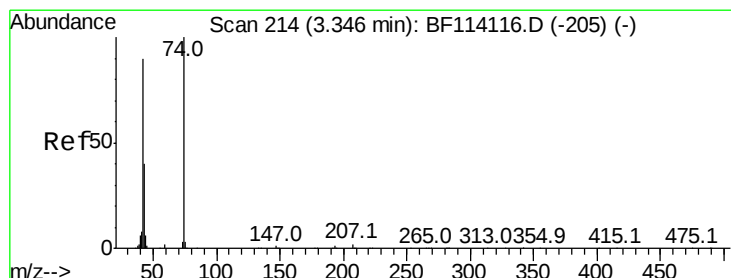
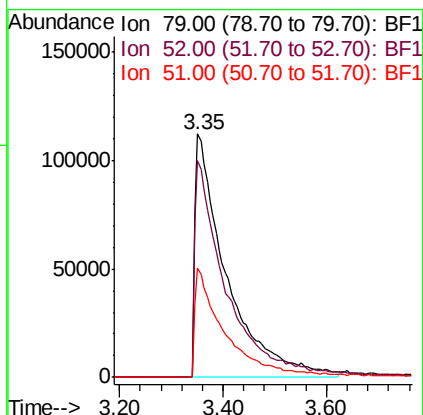
#3
Pvridine
Concen: 30.985 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.05 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.9	70.6	105.8
51	45.1	34.2	51.2

Instrument :
BNA_F
ClientSampleId :
PB119859BS

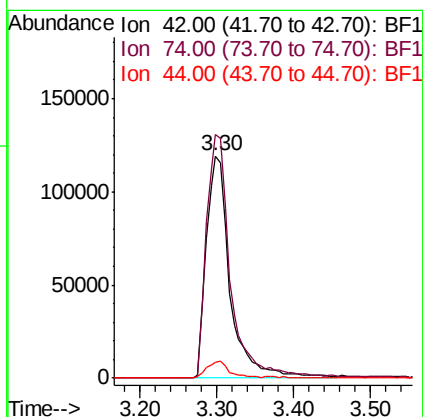
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#4
n-Nitrosodimethylamine
Concen: 34.560 ng
RT: 3.30 min Scan# 206
Delta R.T. 0.04 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.5	88.6	132.8
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 125.660 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

PB119859BS

Tot Ion:112 Resp: 1268573

Ion Ratio Lower Upper

112 100

64 65.2 49.0 73.6

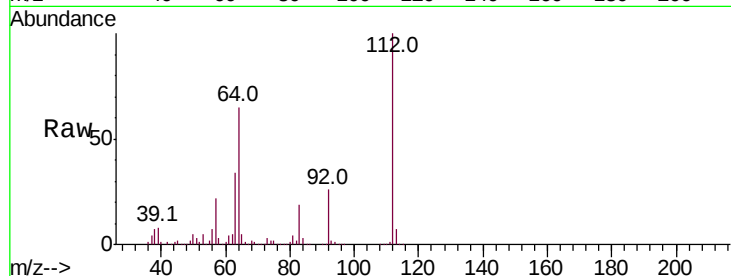
63 34.3 24.6 37.0

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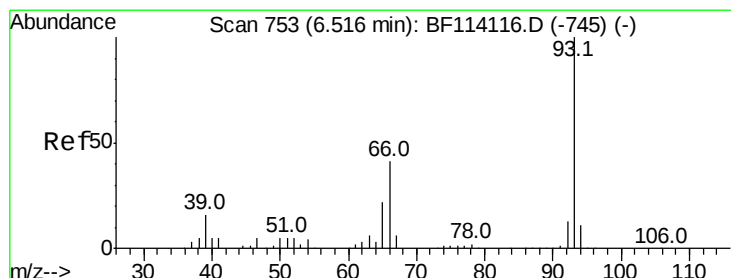
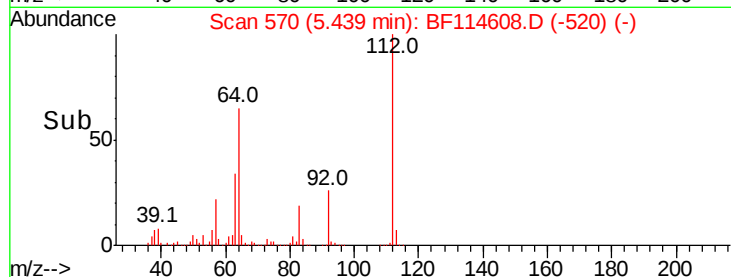
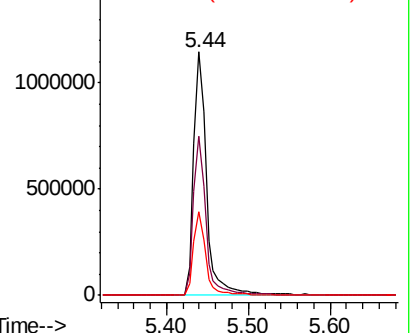
5/27/2019 3:49:57 AM



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: 29.344 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

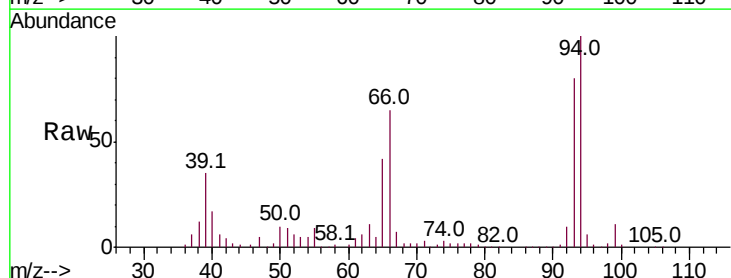
Tgt Ion: 93 Resp: 506111

Ion Ratio Lower Upper

93 100

66 81.0 33.2 49.8#

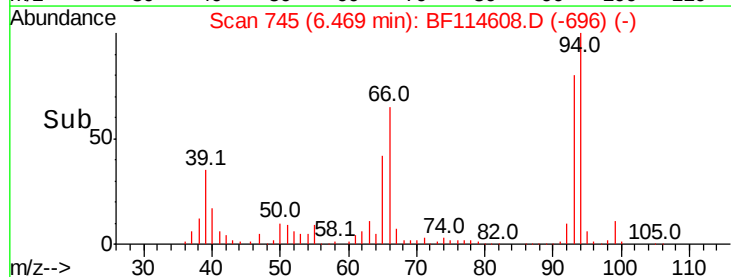
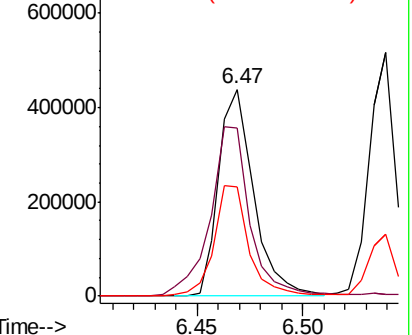
65 52.8 17.6 26.4#



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: 134.069 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

PB119859BS

Tot Ion: 99 Resp: 1600789

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

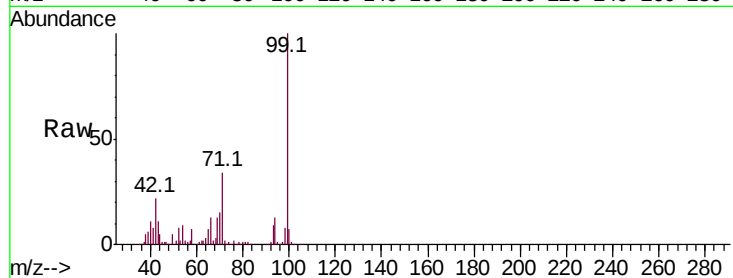
71 33.7 26.2 39.2

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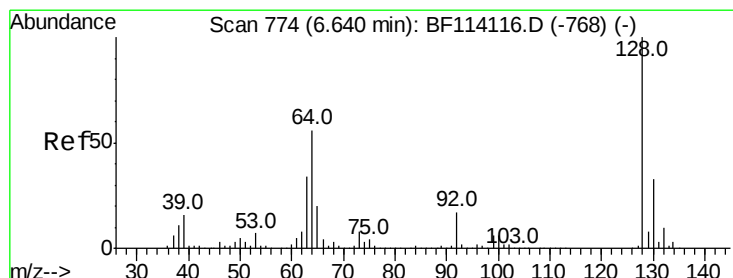
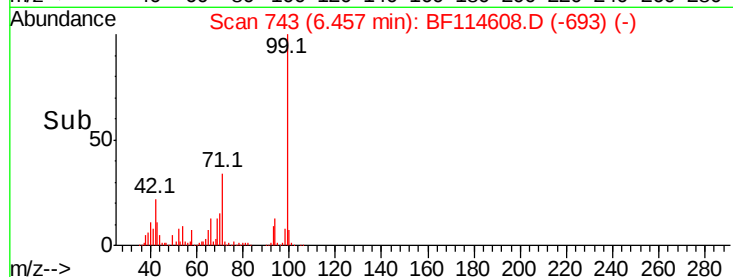
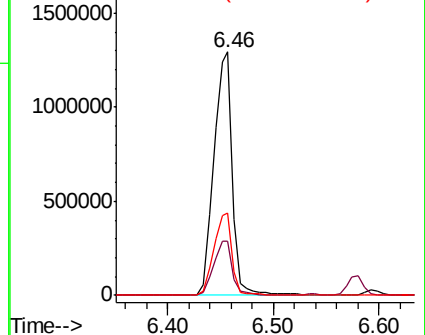
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.374 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

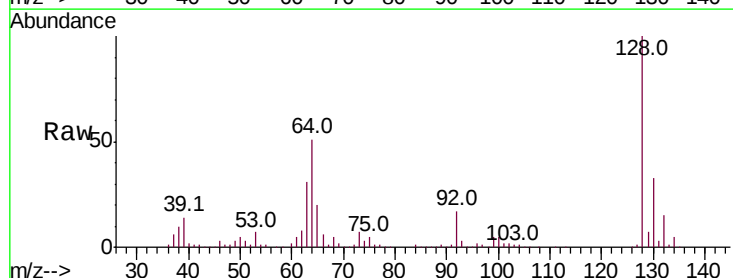
Tgt Ion: 128 Resp: 467460

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

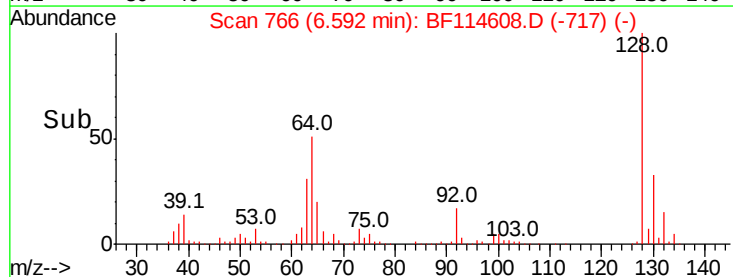
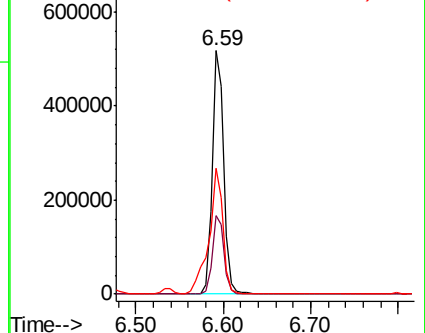
64 51.5 35.9 75.9

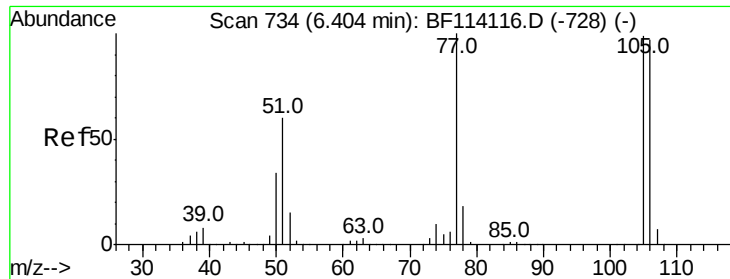


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.090 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

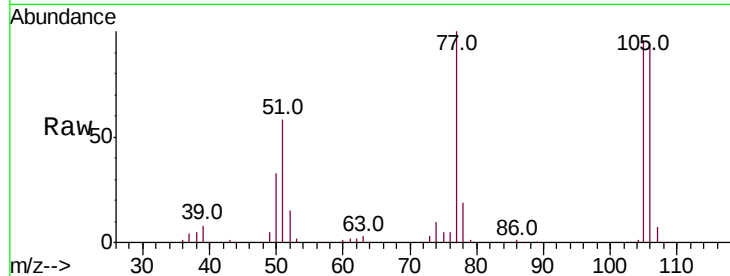
ClientSampled :

PB119859BS

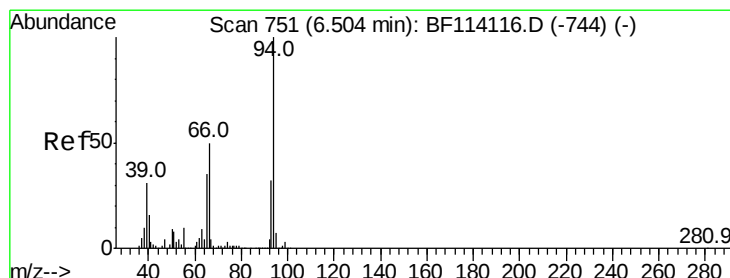
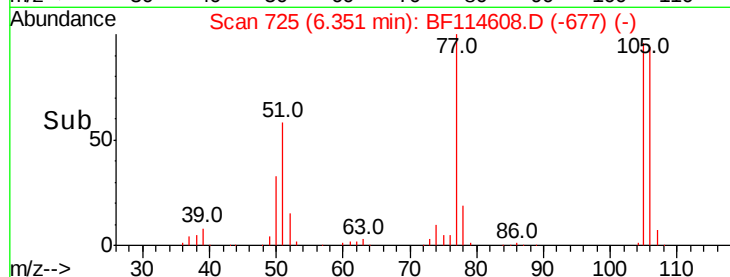
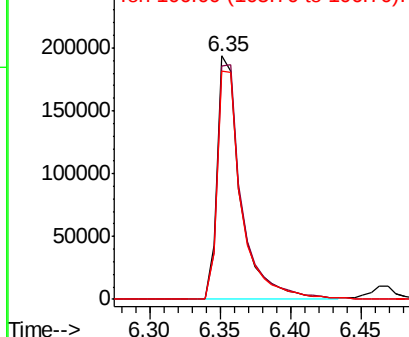
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	95.9	79.3	119.3	
106	93.9	77.0	117.0	

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 40.288 ng

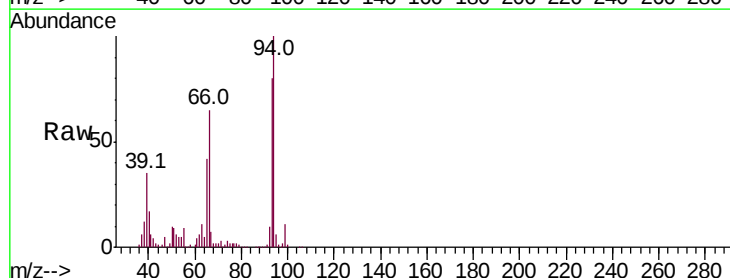
RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

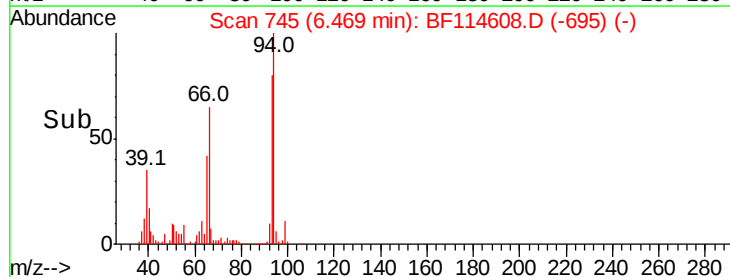
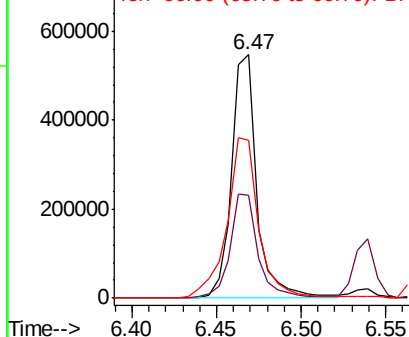
Lab File: BF114608.D

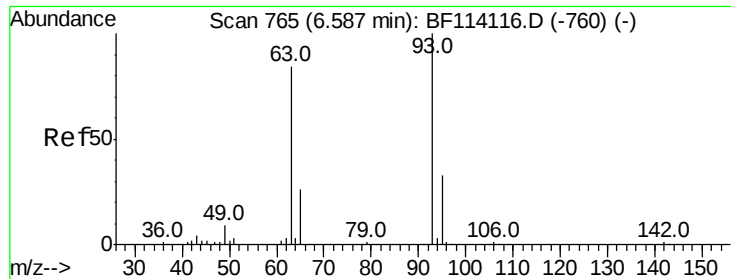
Acq: 25 May 2019 17:12

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	42.4	14.7	54.7	
66	65.0	29.6	69.6	



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





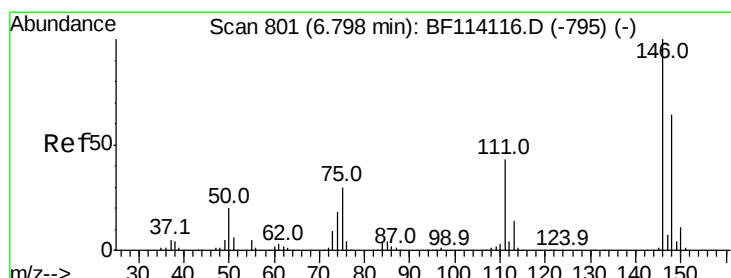
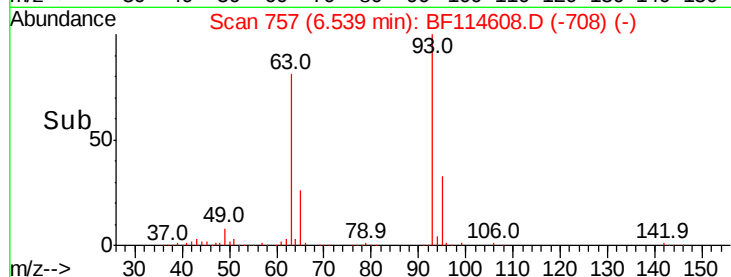
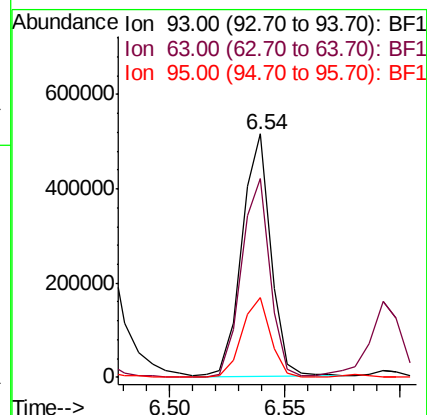
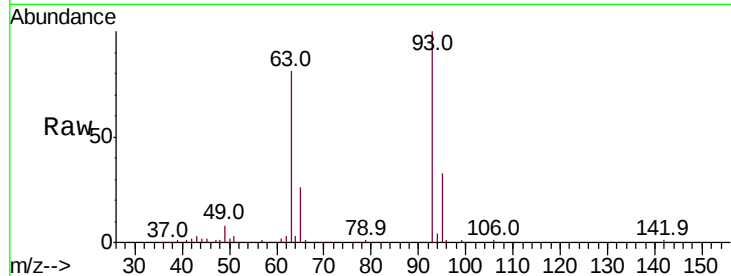
#11
bis(2-Chloroethyl)ether
Concen: 41.737 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	81.5	63.6	103.6	
95	32.6	13.1	53.1	

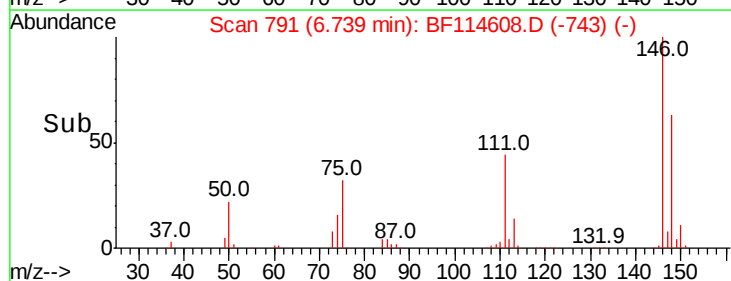
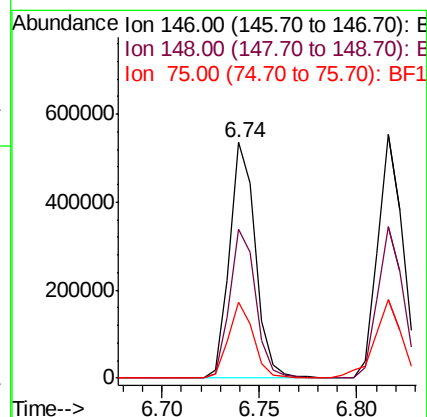
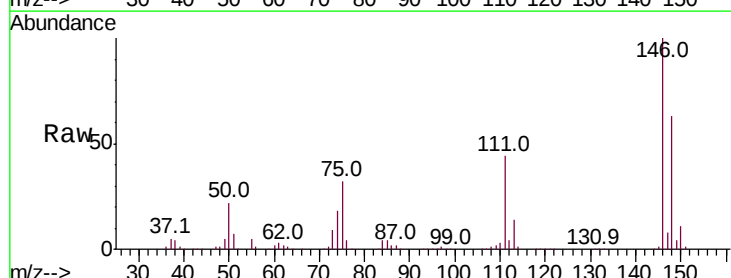
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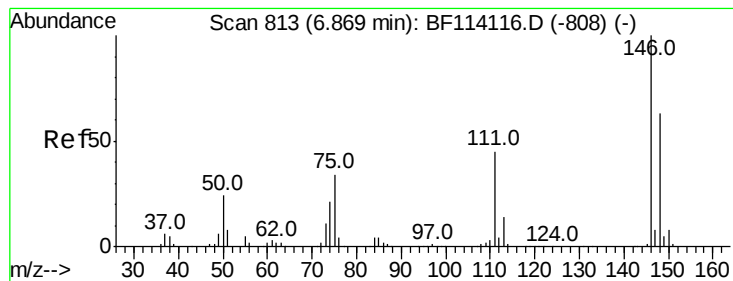
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.874 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.1	51.6	77.4	
75	32.2	24.2	36.2	





#13

1,4-Dichlorobenzene

Concen: 41.463 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

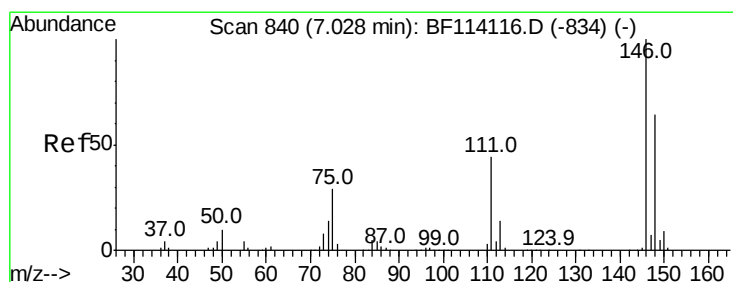
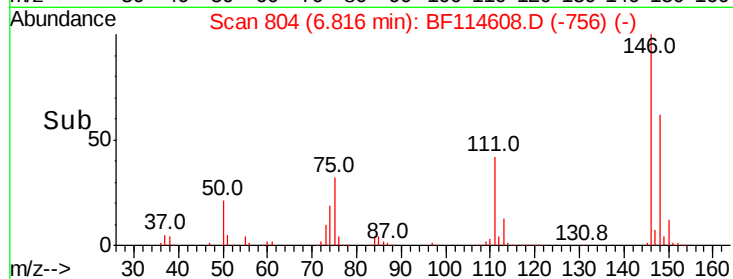
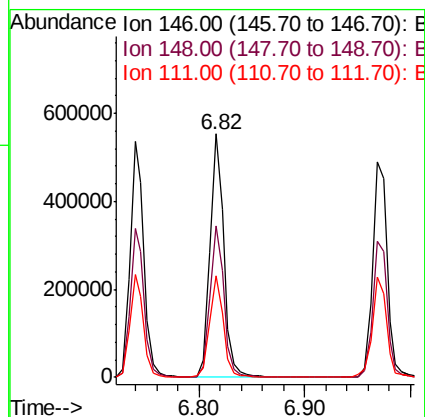
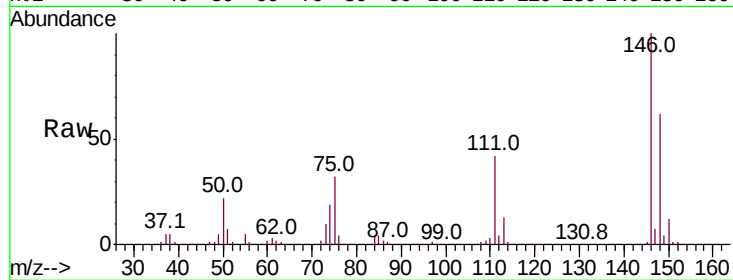
ClientSampled :

PB119859BS

Tot Ion:	146	Resp:	505449
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.2	75.2
111	41.8	35.8	53.6

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#14

1,2-Dichlorobenzene

Concen: 41.657 ng

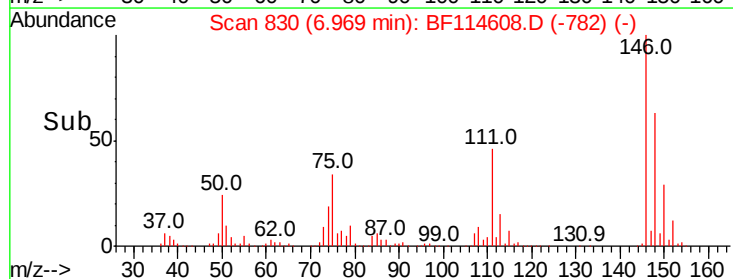
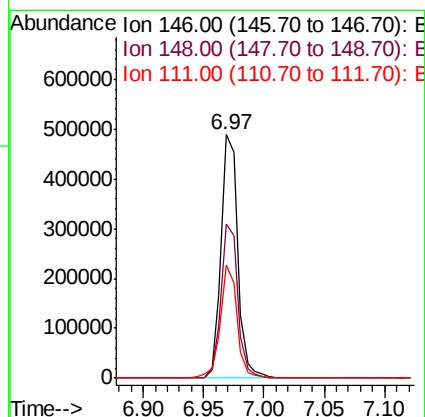
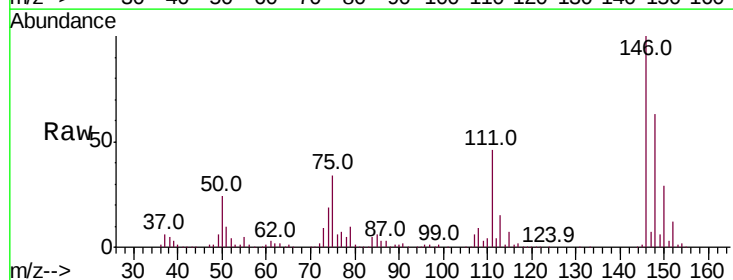
RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Tgt Ion:	146	Resp:	463949
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.1	76.7
111	46.3	35.3	52.9





#15

Benzyl Alcohol

Concen: 39.538 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

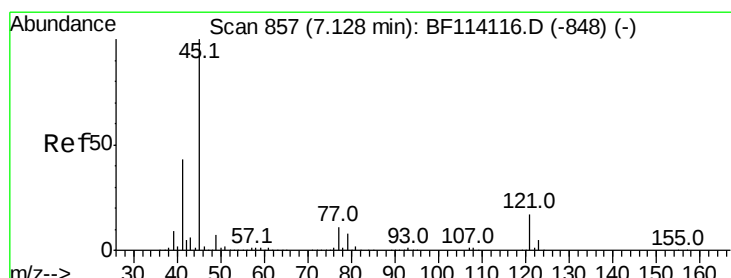
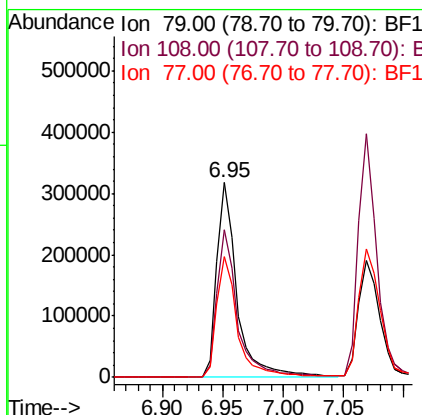
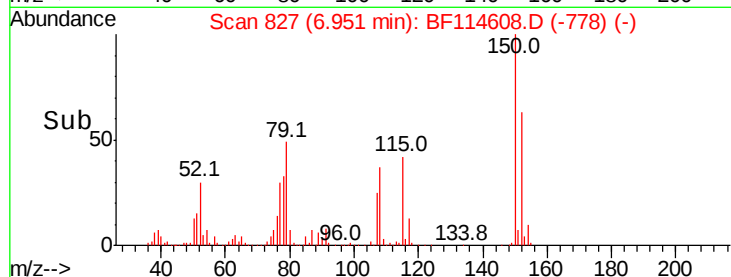
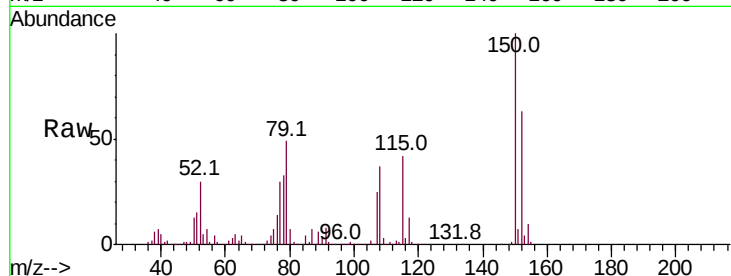
ClientSampled :

PB119859BS

Tot Ion:	79	Resp:	368194
Ion Ratio	Lower	Upper	
79	100		
108	75.4	62.1	93.1
77	62.2	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.822 ng

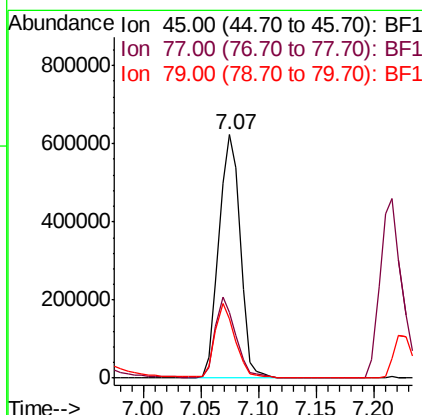
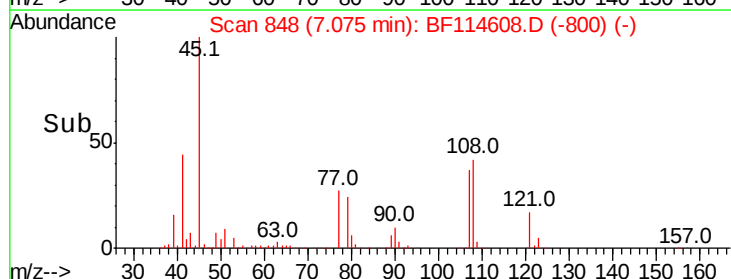
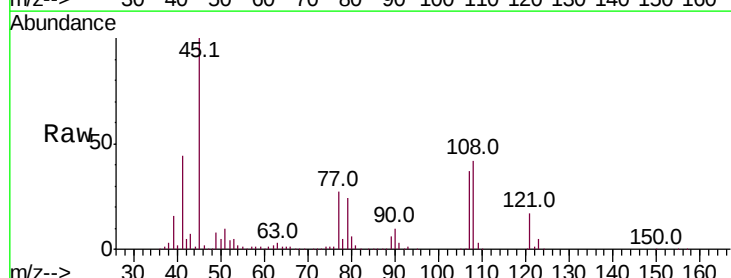
RT: 7.07 min Scan# 848

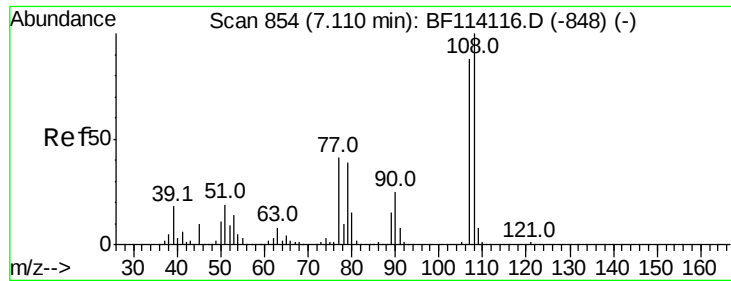
Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Tgt Ion:	45	Resp:	802674
Ion Ratio	Lower	Upper	
45	100		
77	27.1	0.0	31.1
79	24.4	0.0	28.4





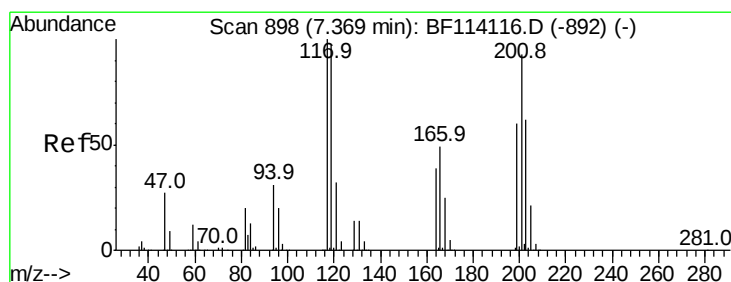
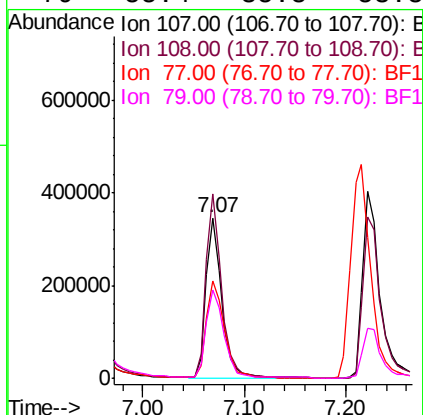
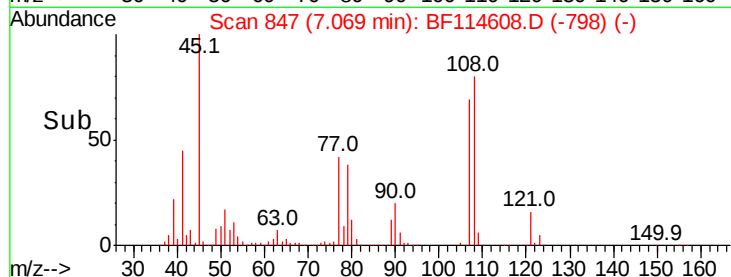
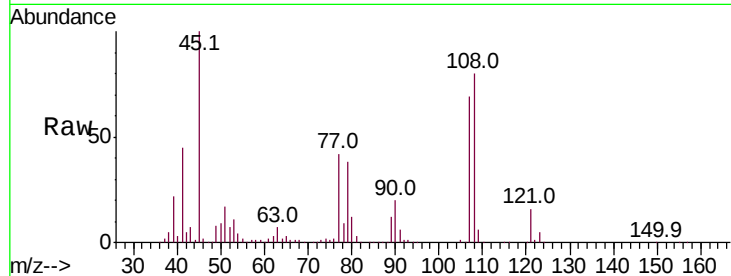
#17
2-Methylphenol
Concen: 41.723 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	90.5	135.7	
77	60.5	37.0	55.4#	
79	55.4	35.8	53.8#	

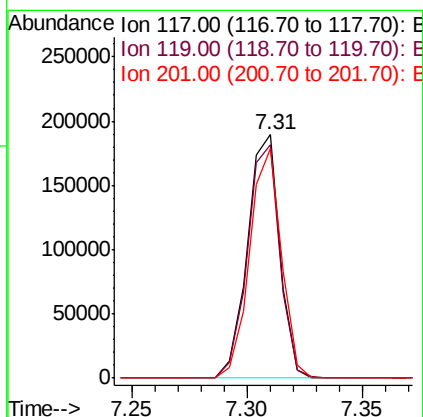
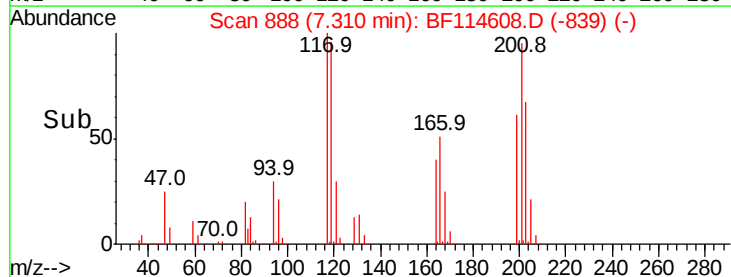
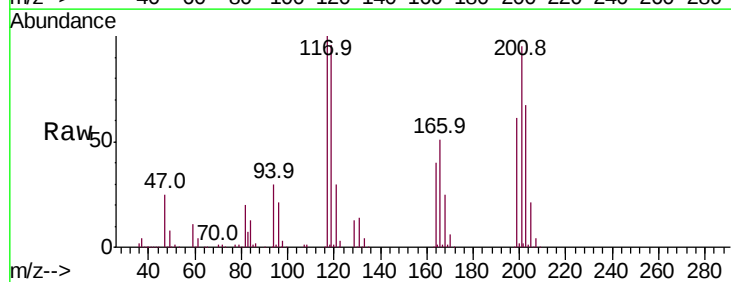
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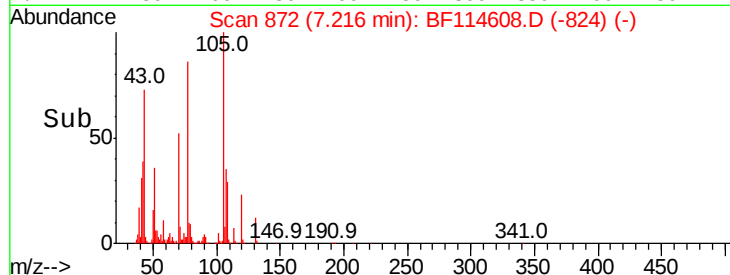
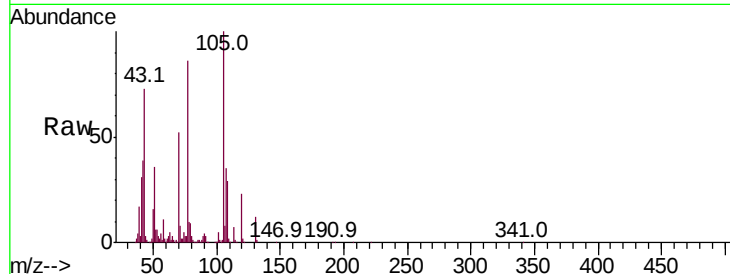
mohammad
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#18
Hexachloroethane
Concen: 40.374 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	77.4	116.2	
201	94.5	74.5	111.7	





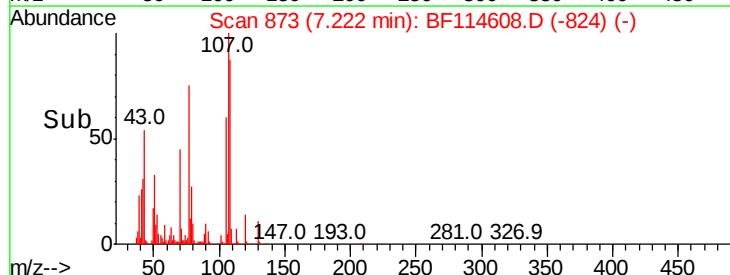
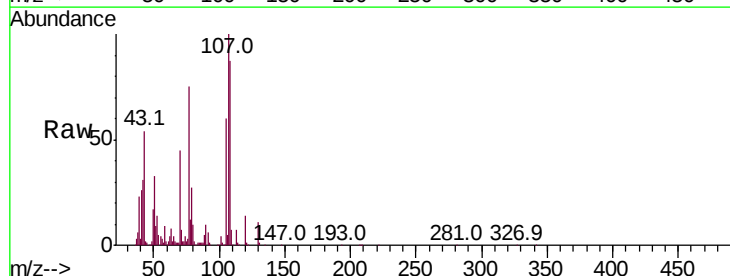
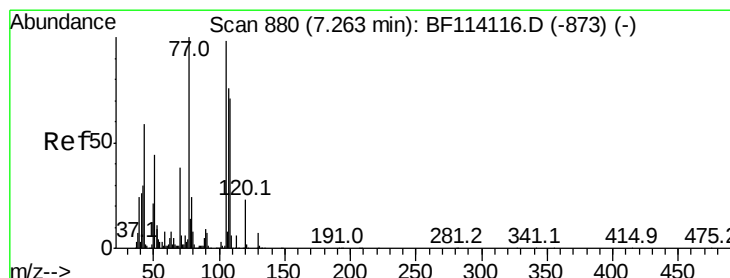
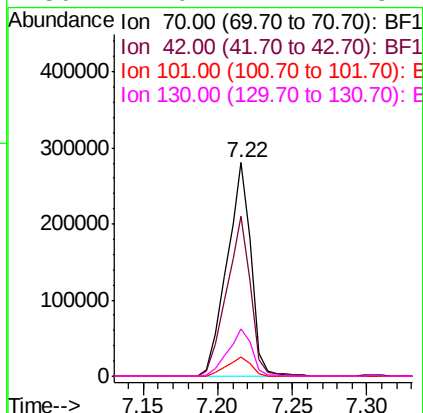
#19
n-Nitroso-di-n-propylamine
Concen: 42.159 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

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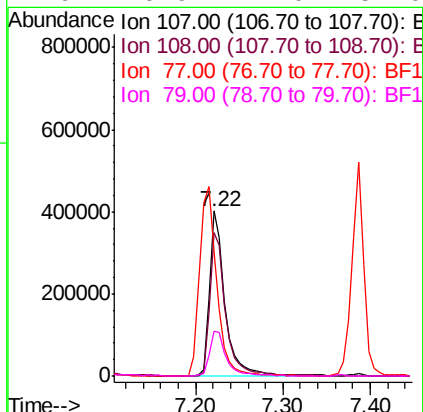
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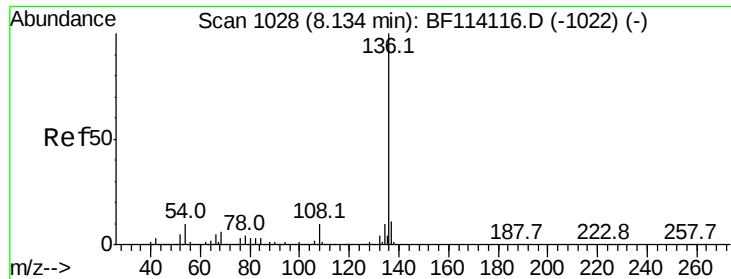
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.7	58.6	87.8	
101	9.3	7.8	11.8	
130	22.0	17.1	25.7	



#20
3+4-Methylphenols
Concen: 47.316 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	73.8	113.8	
77	75.3	111.5	151.5	
79	26.9	12.0	52.0	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

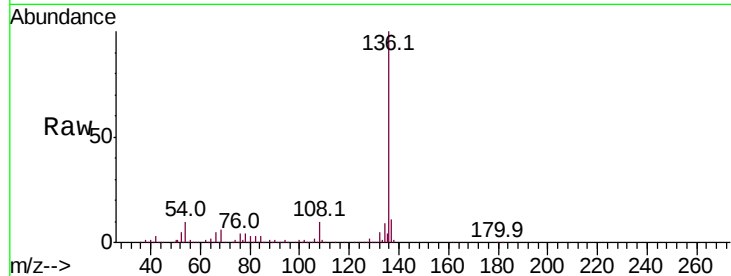
ClientSampleId :

PB119859BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	622067		
137	11.2	8.8	13.2	
54	9.5	7.8	11.8	
68	5.8	5.1	7.7	

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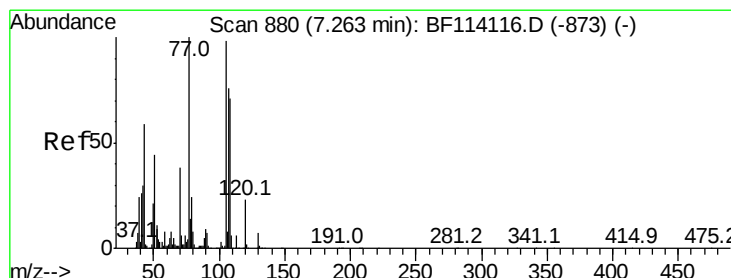
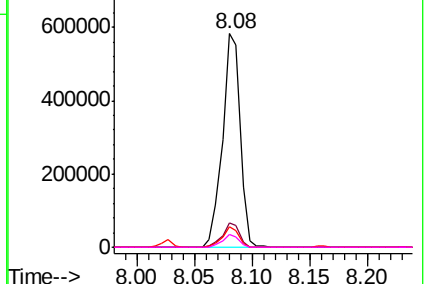
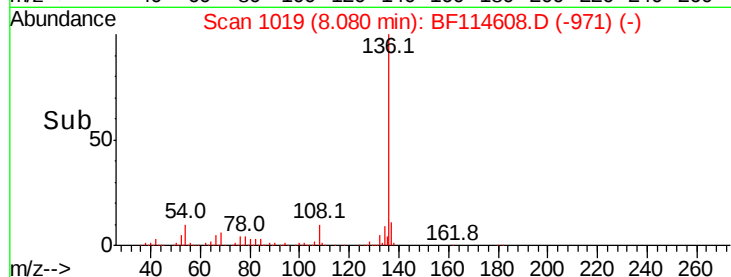
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.715 ng

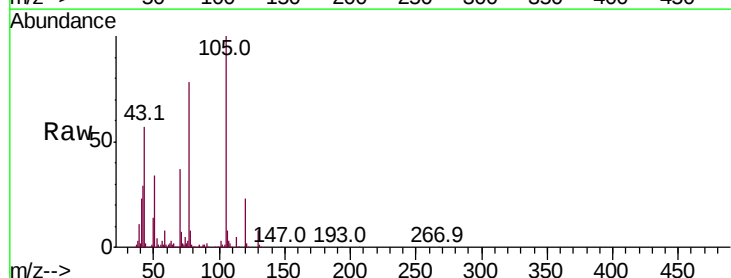
RT: 7.21 min Scan# 871

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	629984		
71	6.6	5.3	7.9	
51	33.6	36.2	54.4	
120	22.7	18.6	28.0	



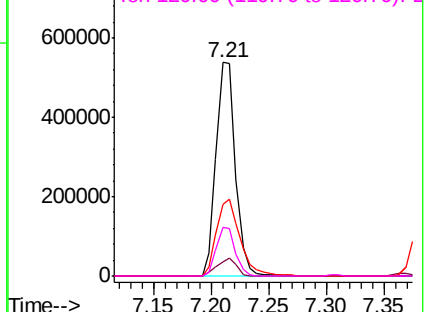
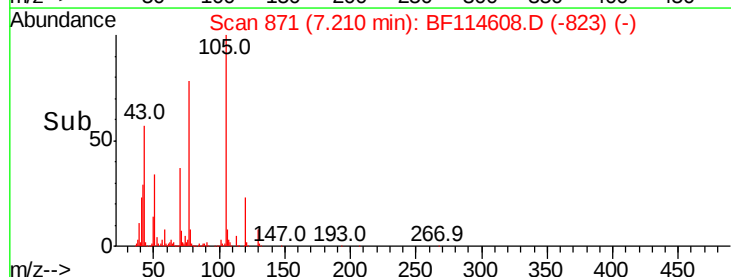
Abundance

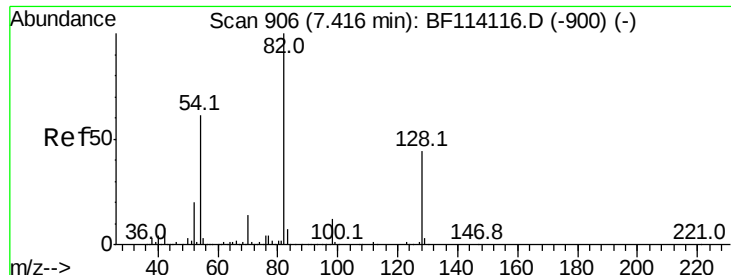
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





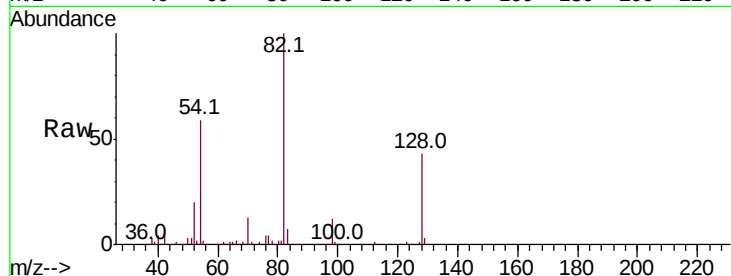
#23
Nitrobenzene-d5
Concen: 89.235 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

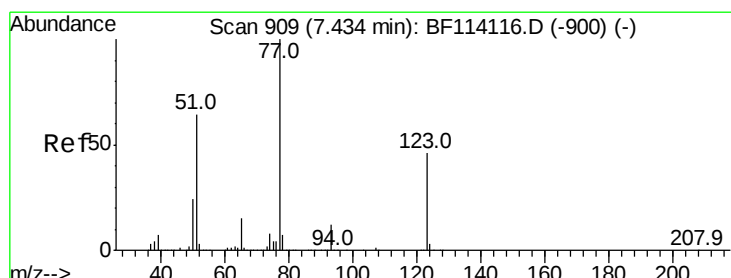
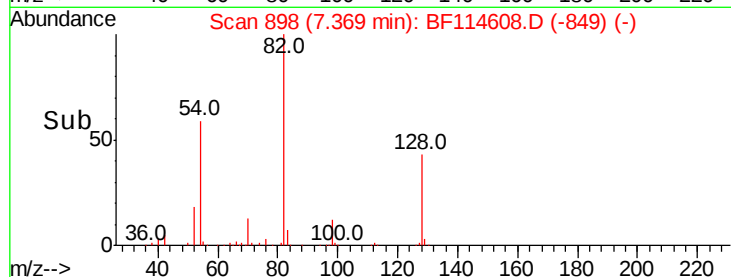
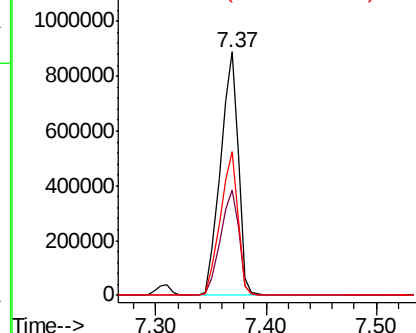
Tot Ion	Ratio	Resp	Lower	Upper
82	100	989135		
128	43.4	35.5	53.3	
54	59.3	48.5	72.7	

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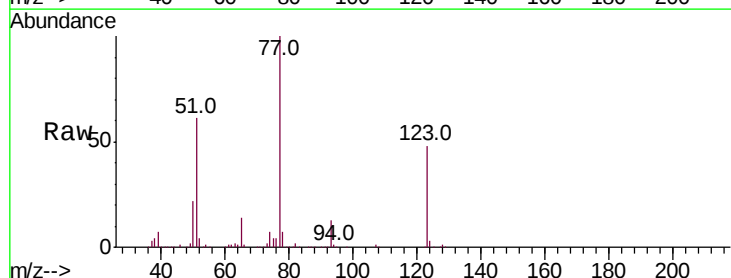


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

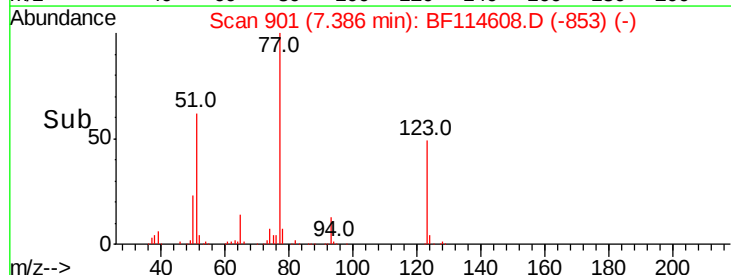
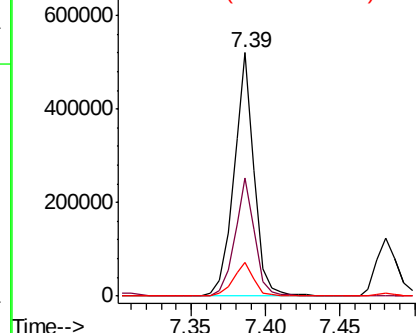


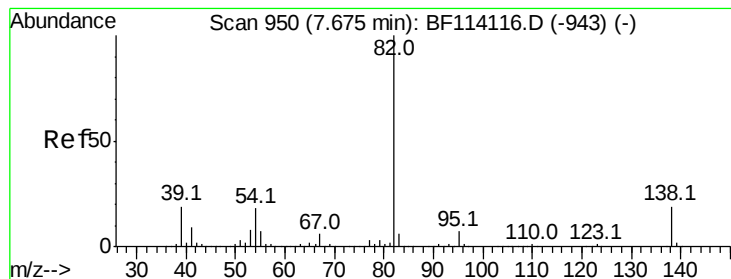
#24
Nitrobenzene
Concen: 43.695 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	493307		
123	48.4	36.9	55.3	
65	13.9	11.8	17.6	



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.446 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

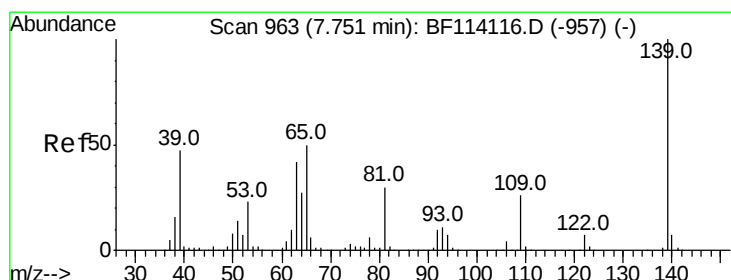
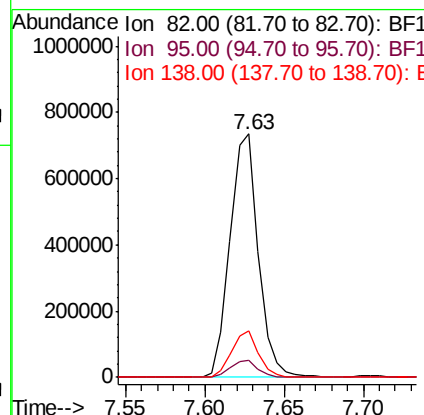
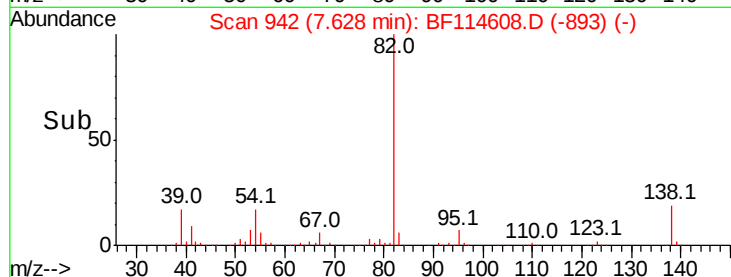
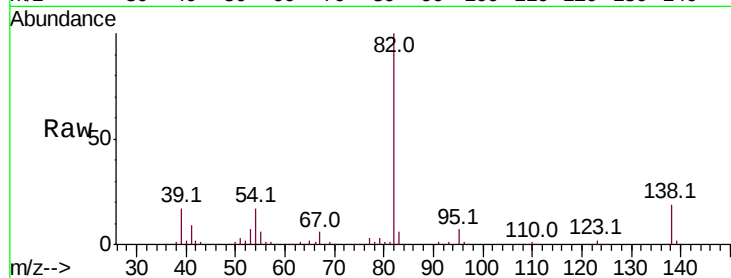
ClientSampleId :

PB119859BS

Tot Ion:	82	Resp:	913704
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	19.2	14.8	22.2

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#26

2-Nitrophenol

Concen: 46.211 ng

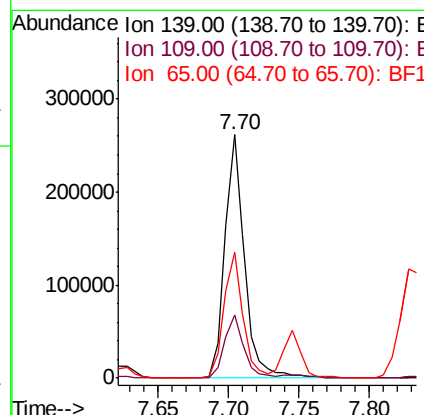
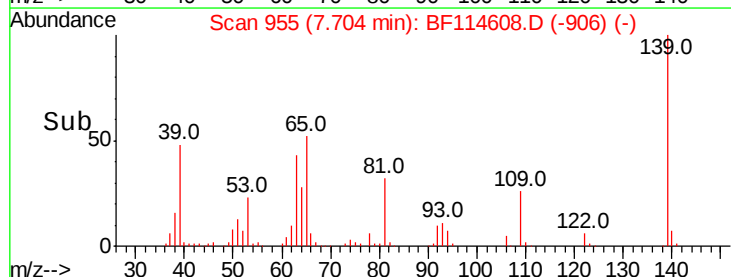
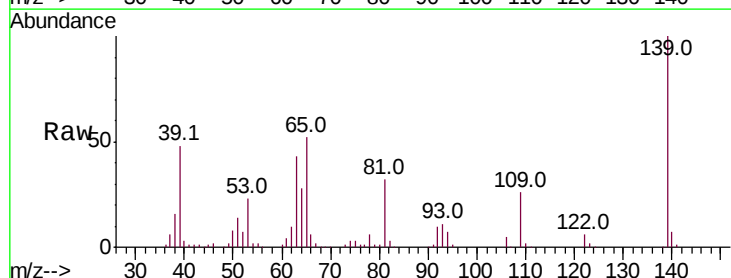
RT: 7.70 min Scan# 955

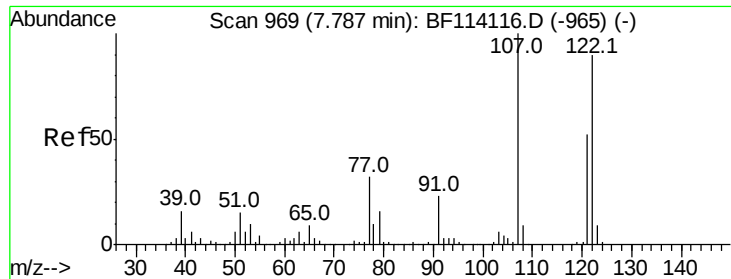
Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Tgt Ion:	139	Resp:	253114
Ion Ratio	Lower	Upper	
139	100		
109	26.0	20.7	31.1
65	51.8	40.2	60.2





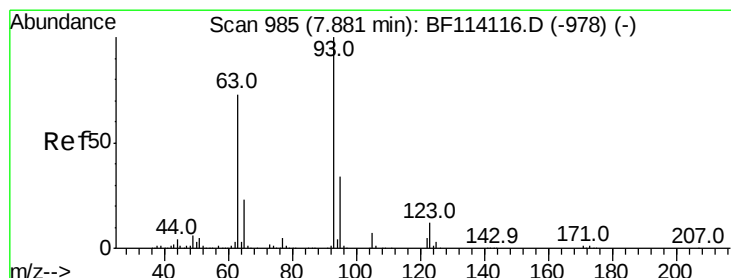
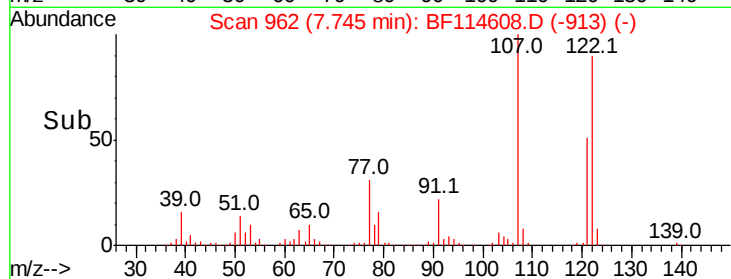
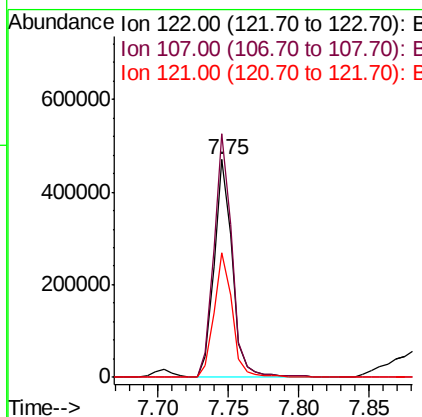
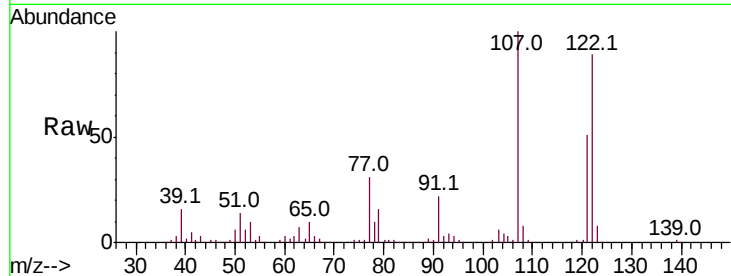
#27
2,4-Dimethylphenol
Concen: 48.808 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	419879		
107	111.8	88.4	132.6	
121	57.2	45.9	68.9	

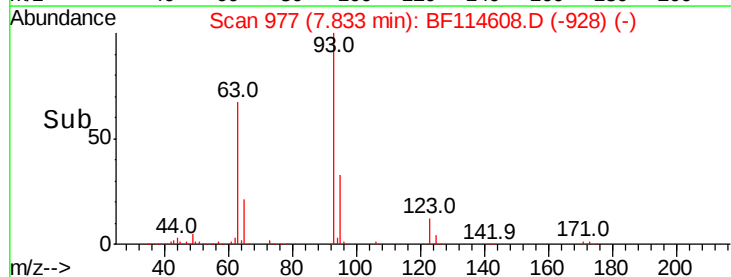
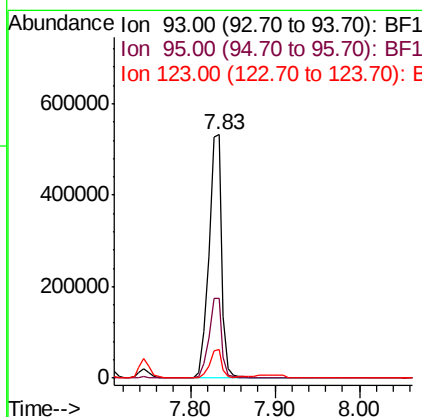
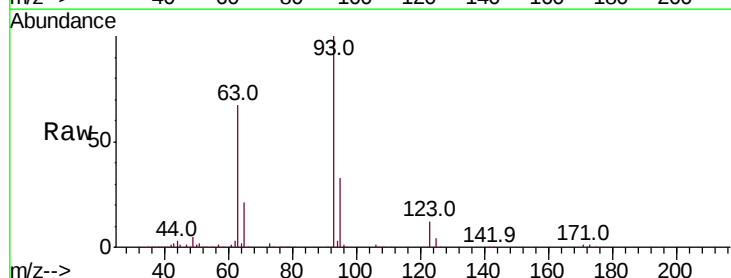
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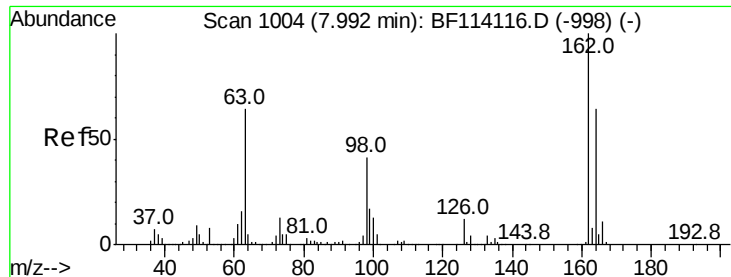
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.010 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	573691		
95	33.0	26.8	40.2	
123	11.9	9.5	14.3	





#29

2,4-Dichlorophenol

Concen: 45.962 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

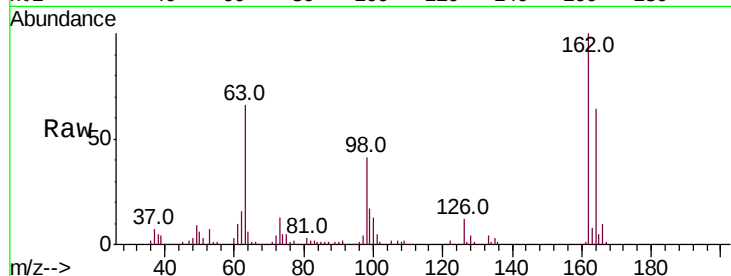
ClientSampled :

PB119859BS

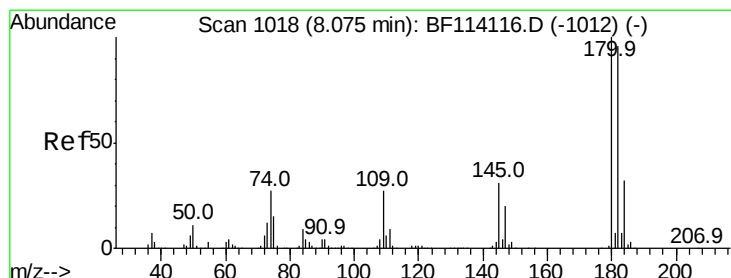
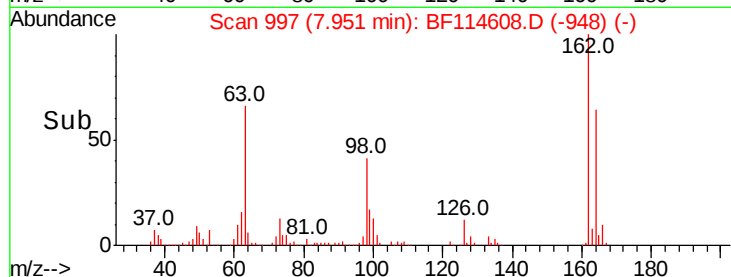
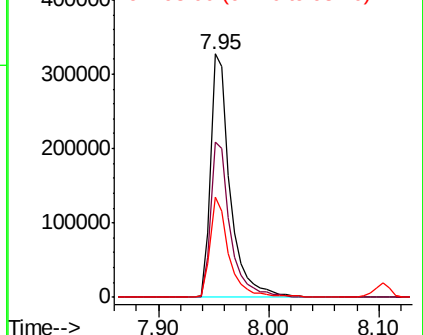
Tot Ion	Ratio	Resp	Lower	Upper
162	100	393715		
164	63.6	43.6	83.6	
98	41.2	20.6	60.6	

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.065 ng

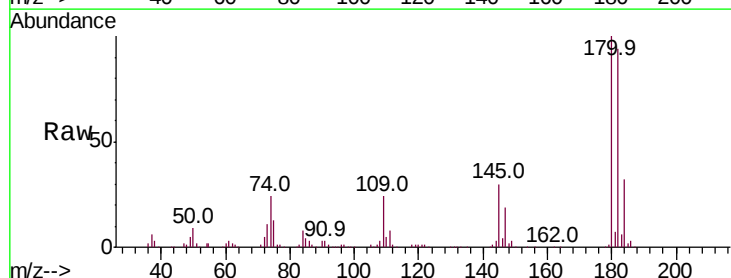
RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

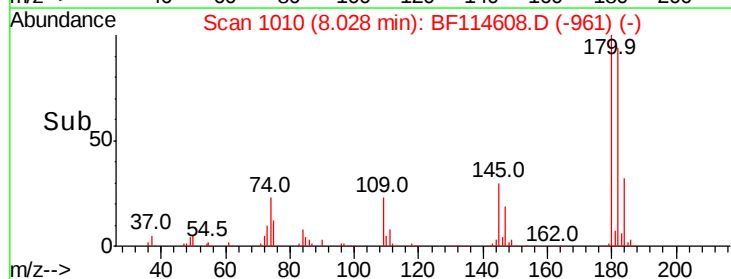
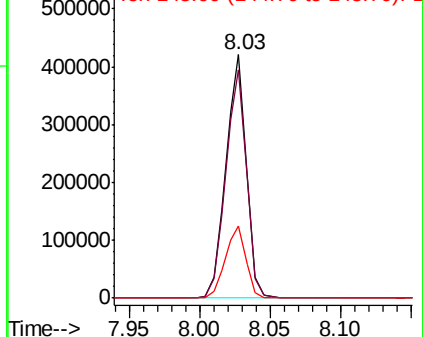
Lab File: BF114608.D

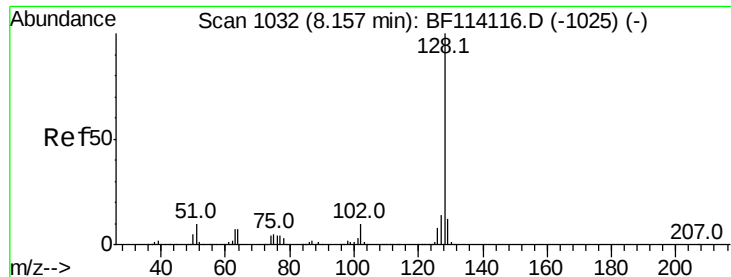
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	419486		
182	93.6	76.6	114.8	
145	29.6	25.1	37.7	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





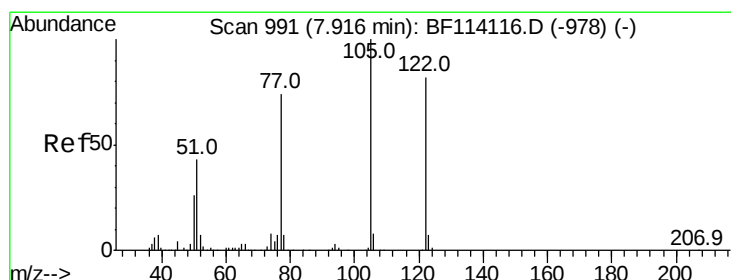
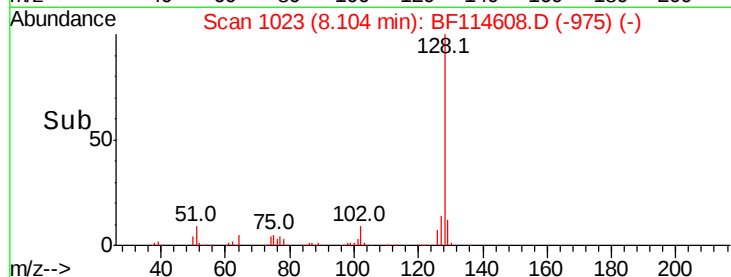
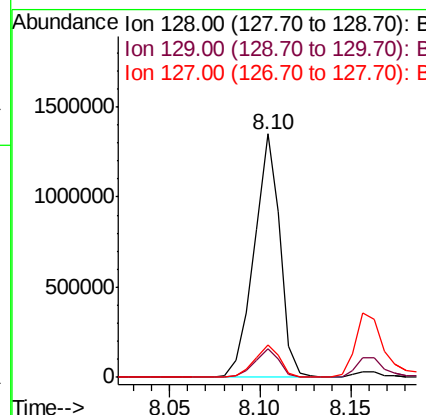
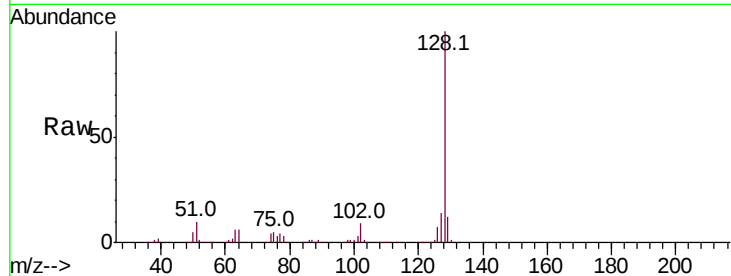
#31
Naphthalene
Concen: 45.813 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.6	14.4
127	13.5	11.3	16.9

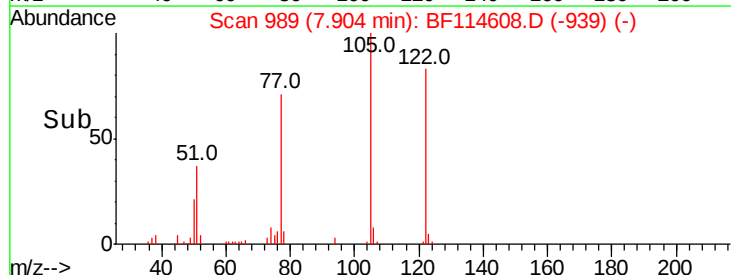
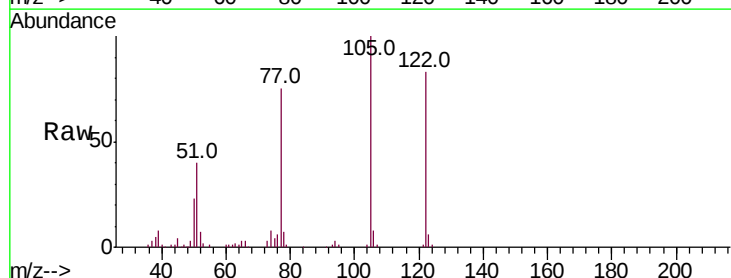
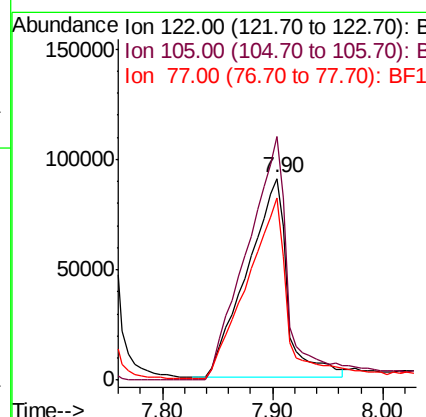
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#32
Benzoic acid
Concen: 38.941 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.6	99.9	139.9
77	90.5	69.4	109.4





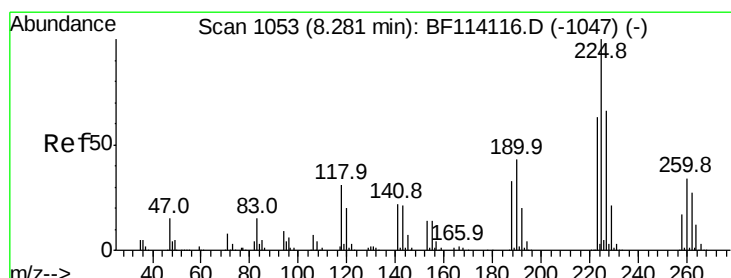
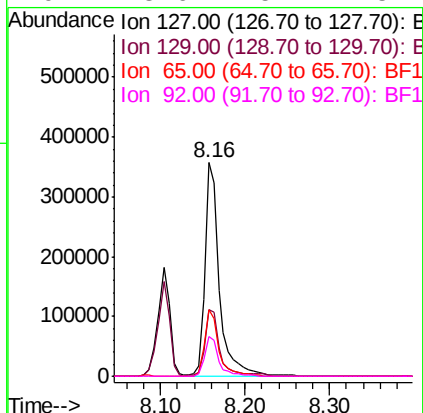
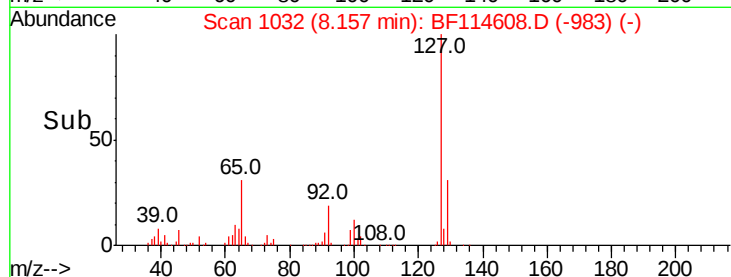
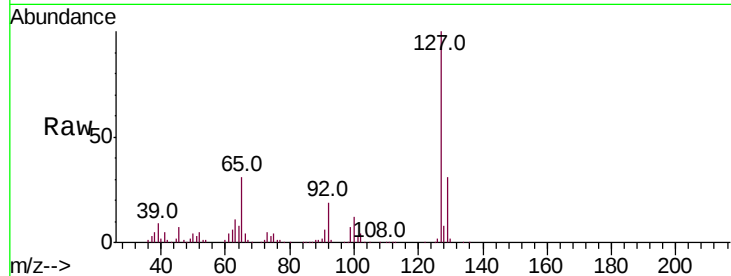
#33
4-Chloroaniline
Concen: 31.773 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampled :
PB119859BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	26.7	40.1	
65	31.1	25.4	38.0	
92	18.6	15.4	23.2	

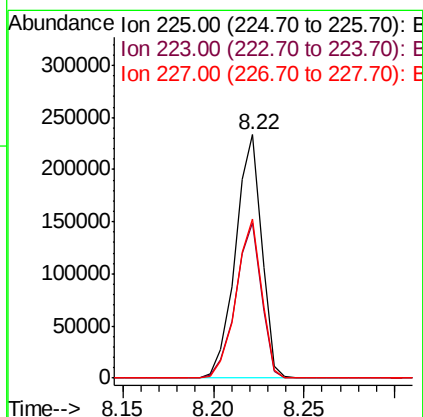
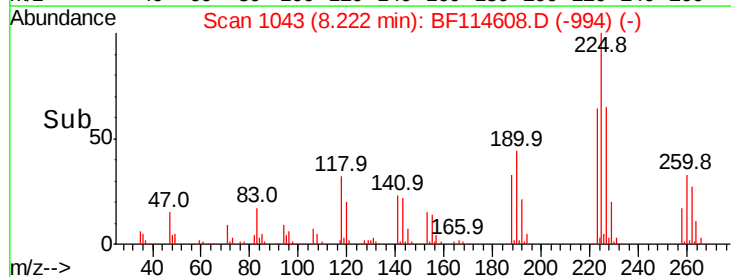
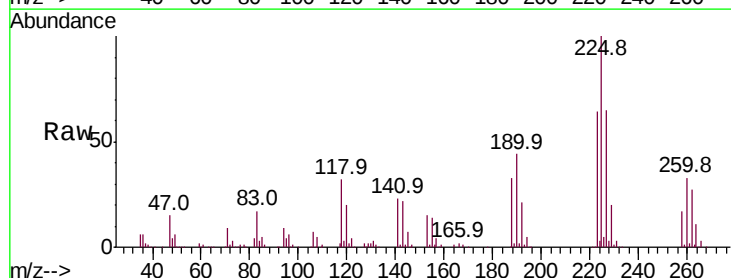
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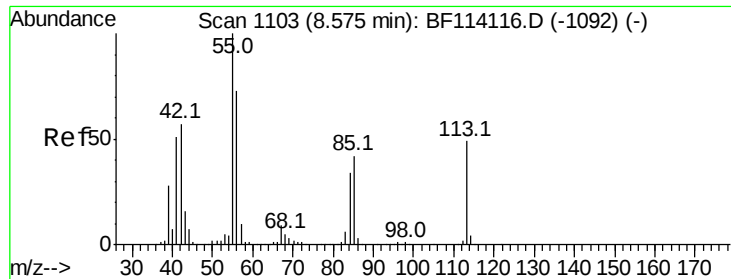
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#34
Hexachlorobutadiene
Concen: 42.253 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.2	75.2	
227	65.2	52.6	79.0	





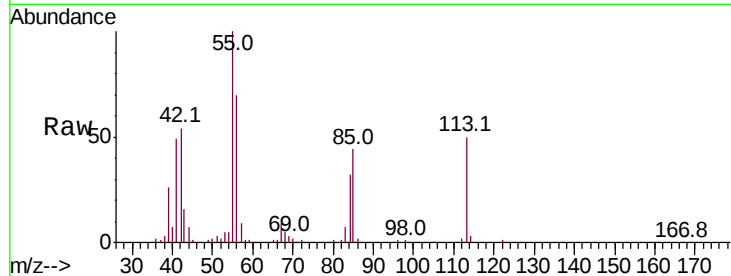
#35
Caprolactam
Concen: 46.215 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

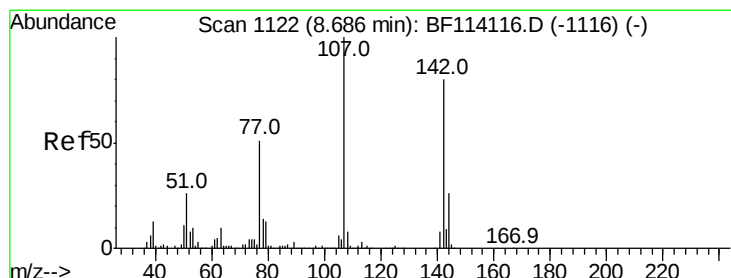
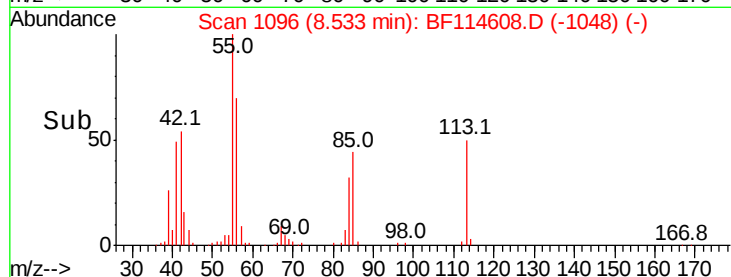
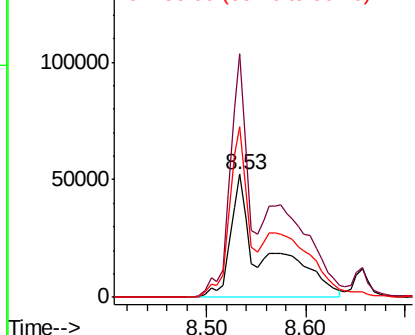
Tot Ion	Ratio	Lower	Upper
113	100		
55	198.5	183.5	223.5
56	139.2	128.8	168.8

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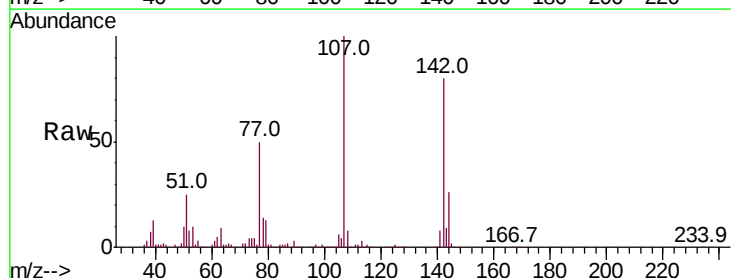


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

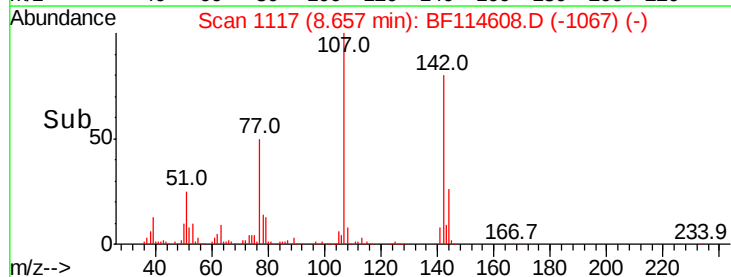
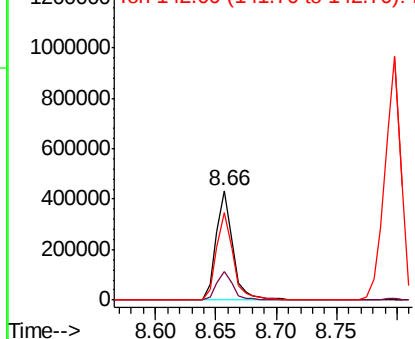


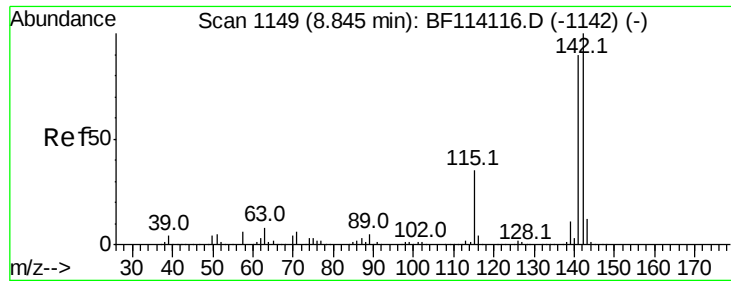
#36
4-Chloro-3-methylphenol
Concen: 47.880 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.4	30.6
142	79.8	64.2	96.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





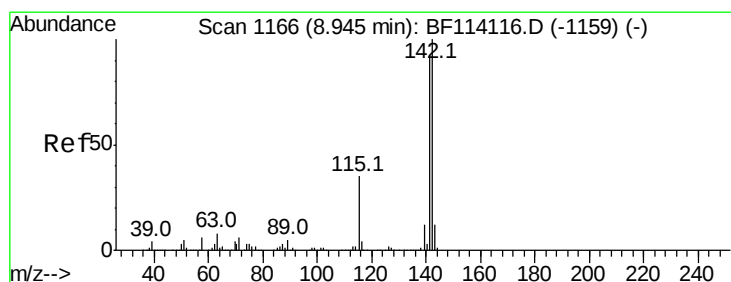
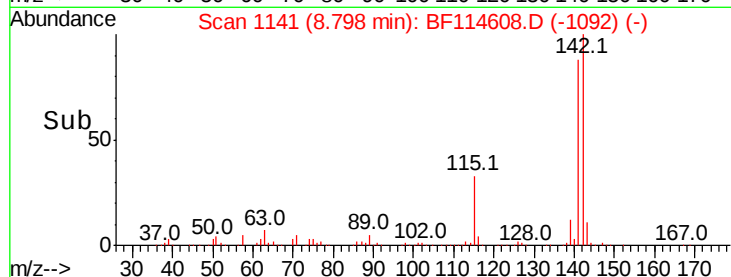
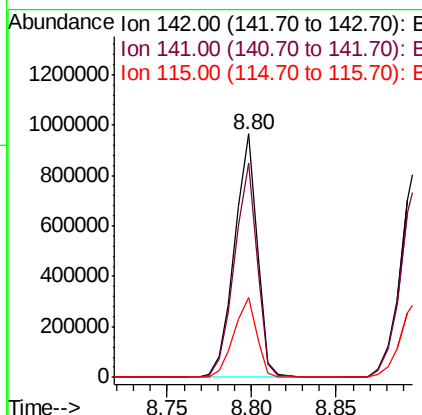
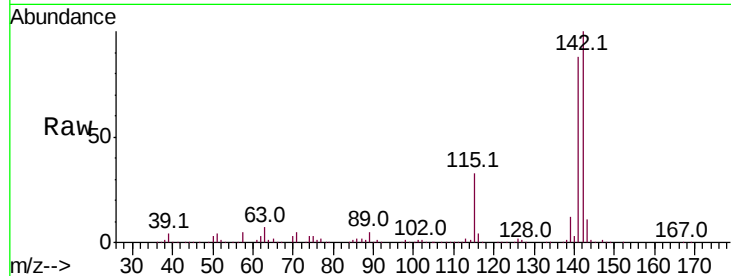
#37
2-Methylnaphthalene
Concen: 48.053 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.1	108.1
115	32.8	28.0	42.0

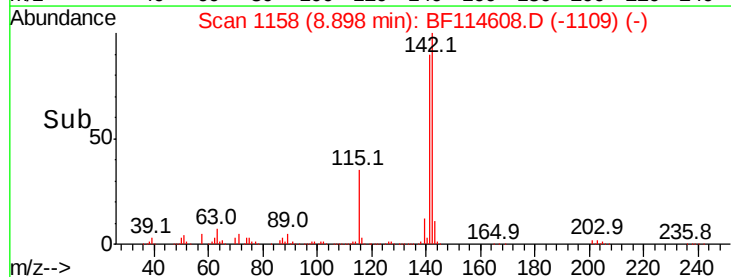
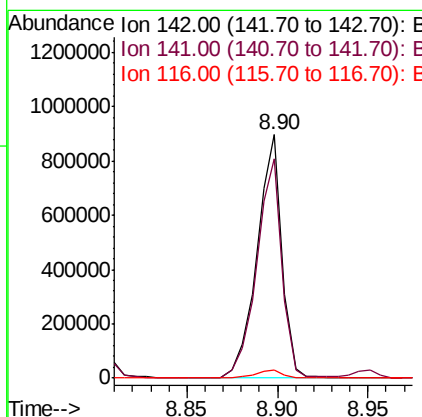
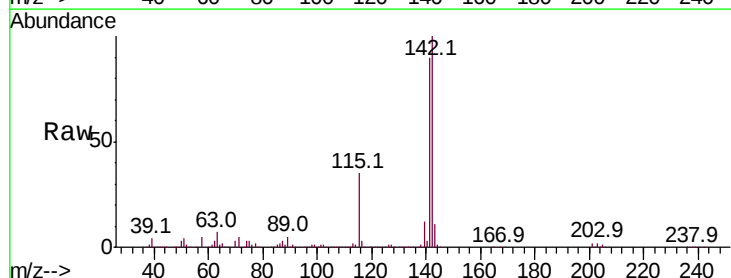
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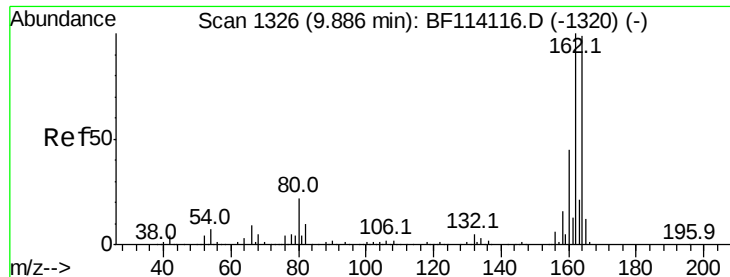
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#38
1-Methylnaphthalene
Concen: 48.158 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.4	110.0
116	3.5	3.1	4.7





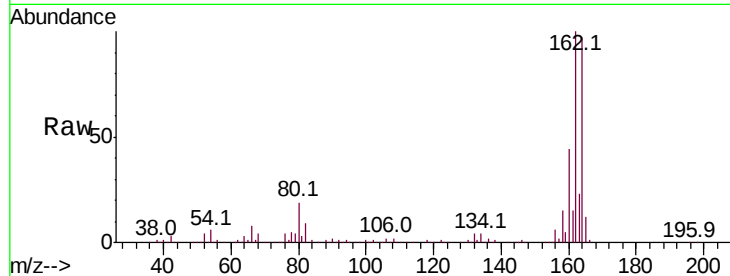
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.6	120.8
160	45.7	36.5	54.7

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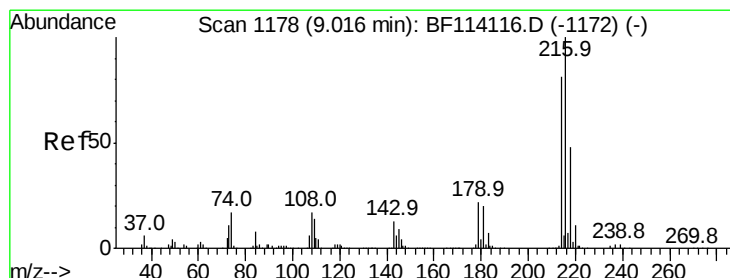
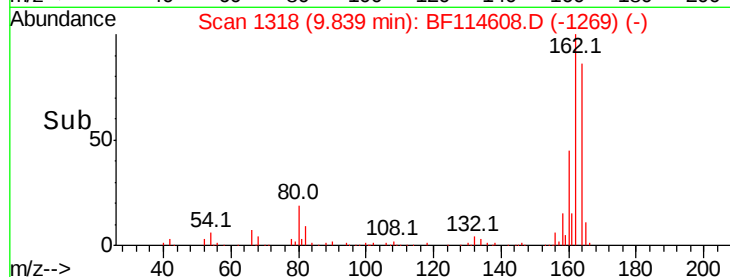
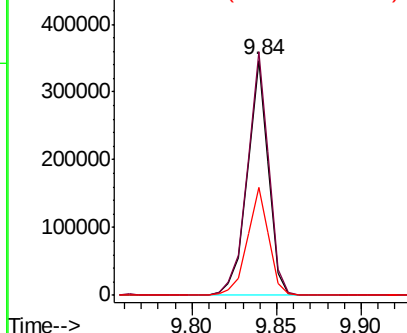


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.078 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.9	95.9
179	20.9	17.0	25.6
108	18.5	14.8	22.2

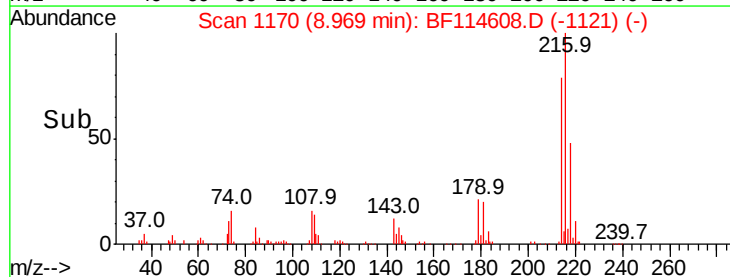
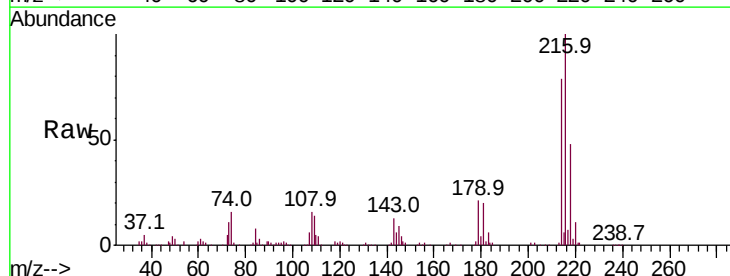
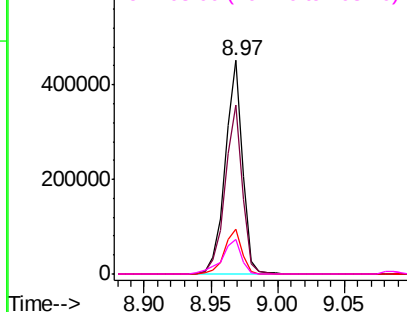
Abundance

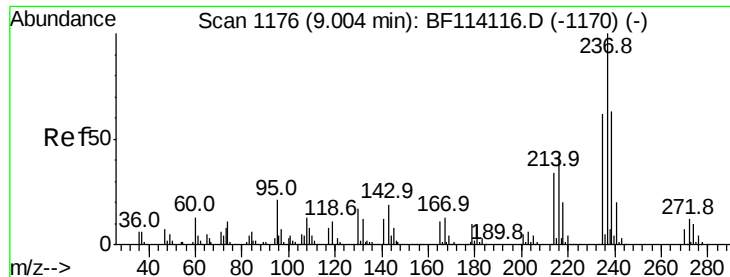
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 48.987 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

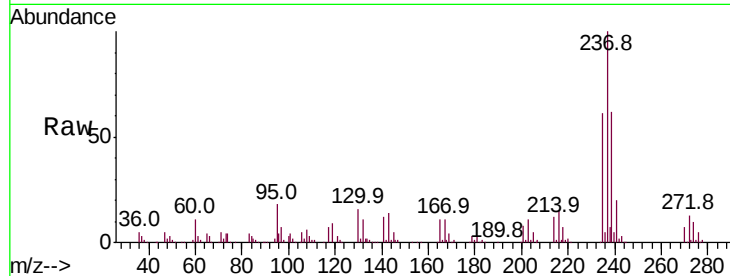
ClientSampleId :

PB119859BS

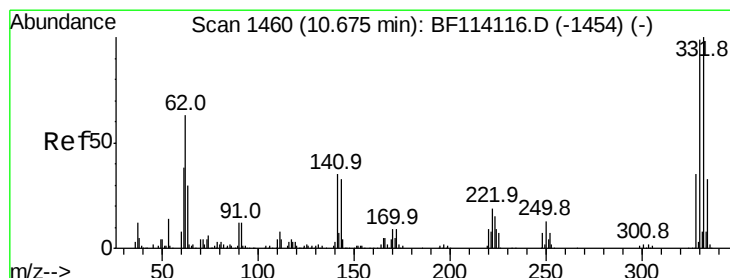
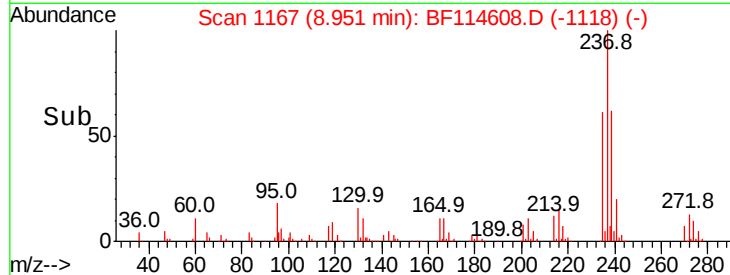
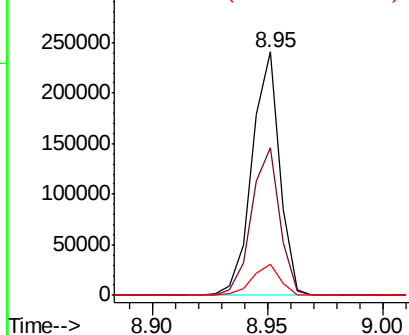
Tot Ion	Ratio	Resp	Lower	Upper
237	100	201825		
235	60.6	42.0	82.0	
272	13.0	0.0	32.4	

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



#42

2,4,6-Tribromophenol

Concen: 128.802 ng

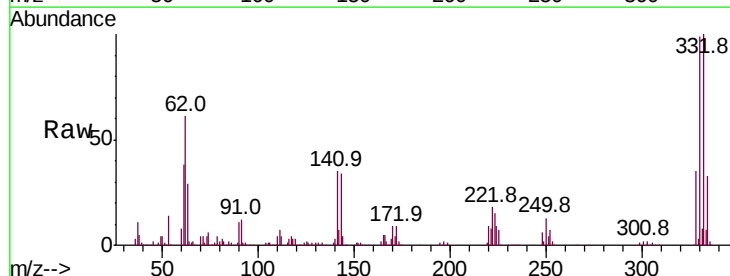
RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

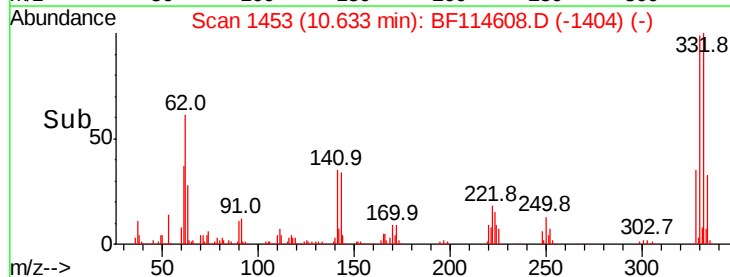
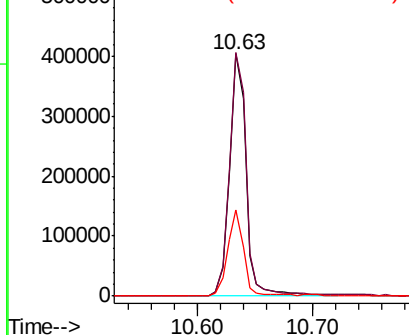
Lab File: BF114608.D

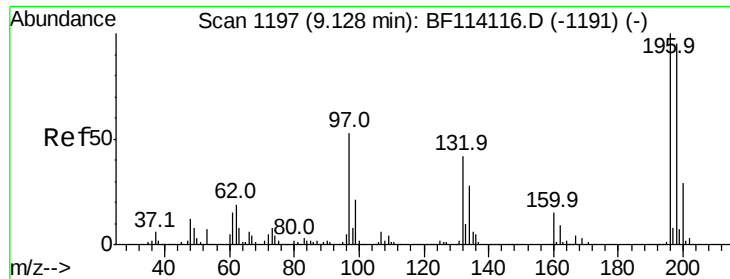
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	403327		
332	104.3	81.4	122.2	
141	33.9	26.6	40.0	



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





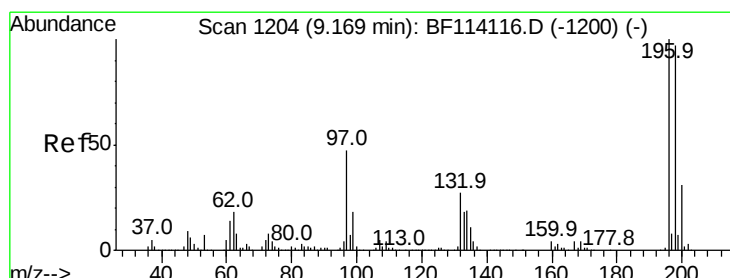
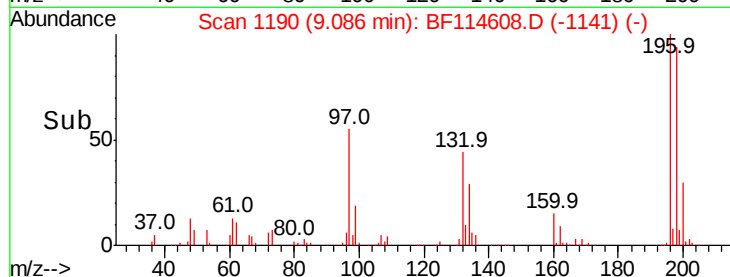
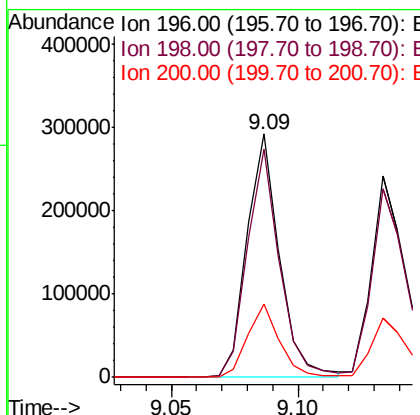
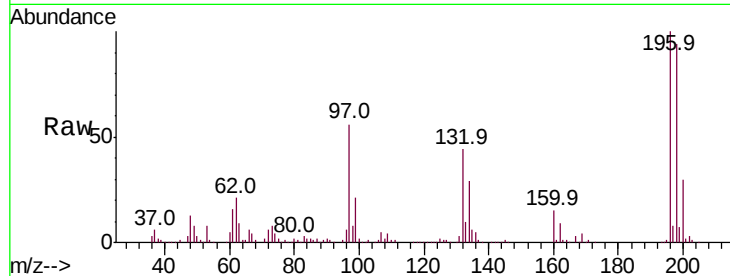
#43
 2,4,6-Trichlorophenol
 Concen: 41.382 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB119859BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	261163		
198	93.8	75.9	113.9	
200	30.3	23.5	35.3	

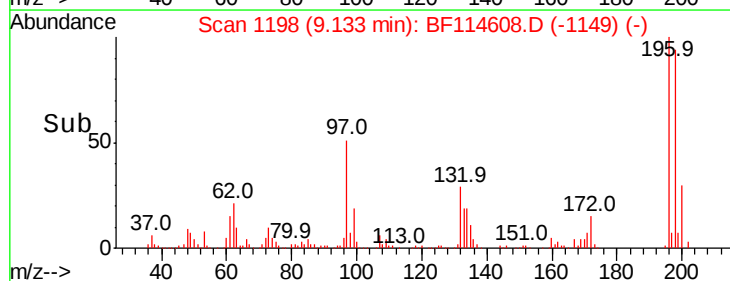
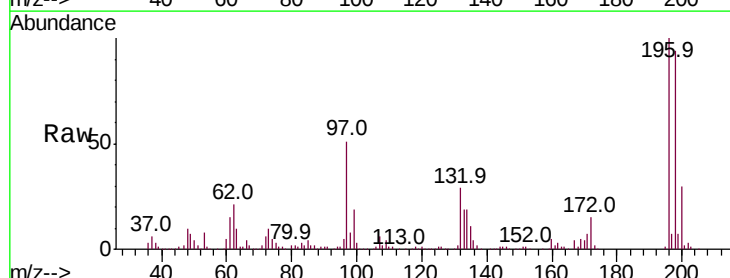
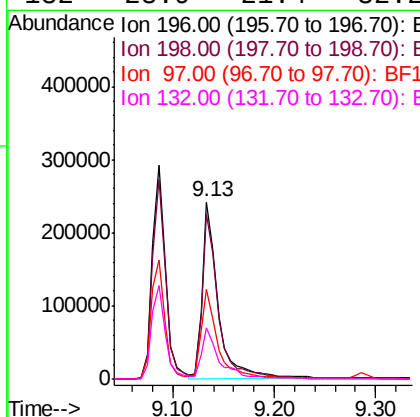
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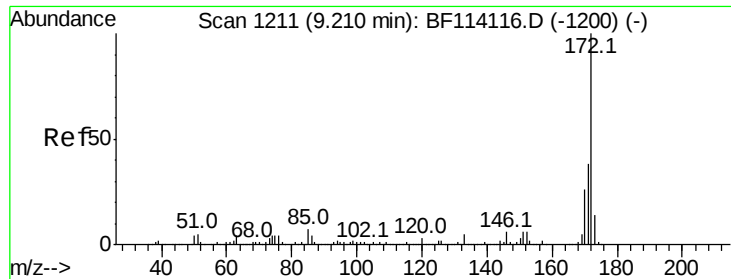
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#44
 2,4,5-Trichlorophenol
 Concen: 41.010 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265424		
198	93.7	77.7	116.5	
97	51.0	38.2	57.2	
132	28.9	21.4	32.2	





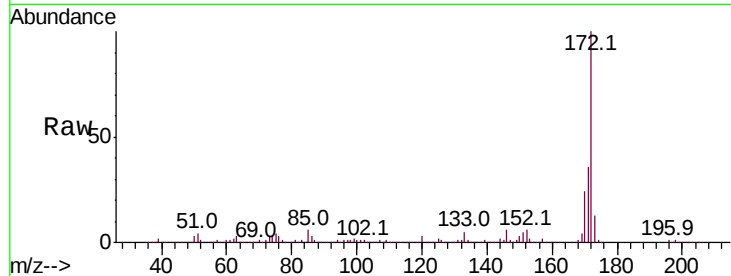
#45
2-Fluorobiphenyl
Concen: 90.231 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

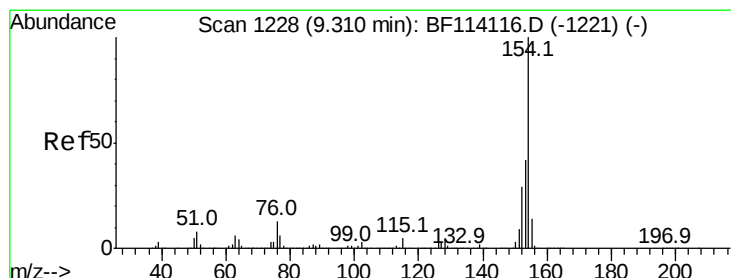
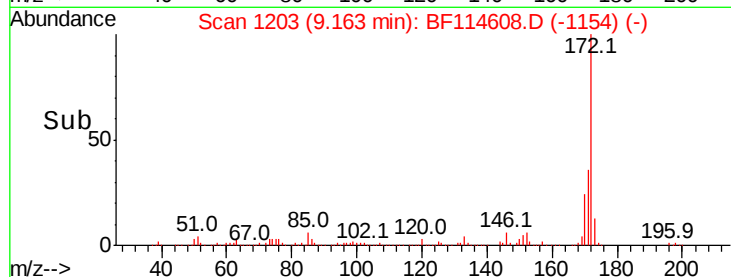
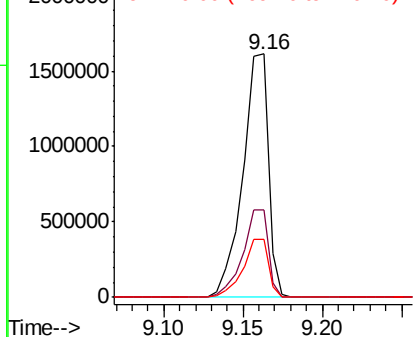
Tot Ion:172 Resp: 1806742
Ion Ratio Lower Upper
172 100
171 35.7 30.7 46.1
170 23.8 20.5 30.7

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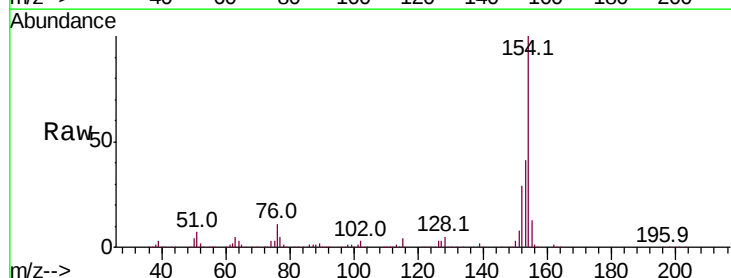


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

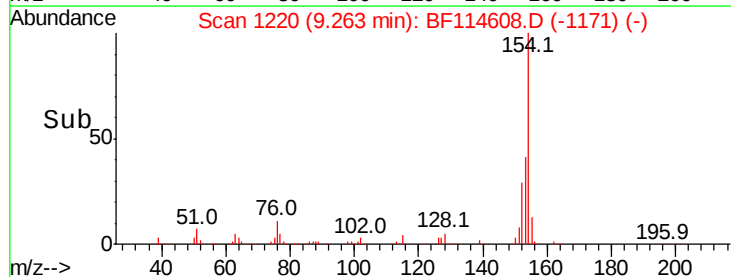
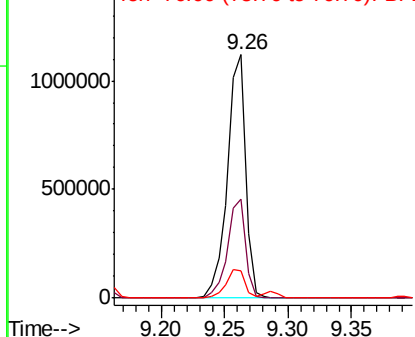


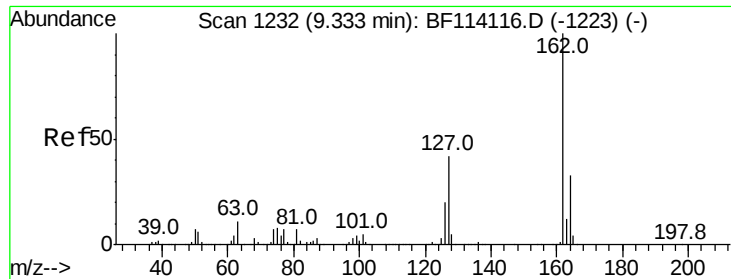
#46
1,1'-Biphenyl
Concen: 45.431 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion:154 Resp: 1111671
Ion Ratio Lower Upper
154 100
153 40.6 21.9 61.9
76 11.2 0.0 32.8



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





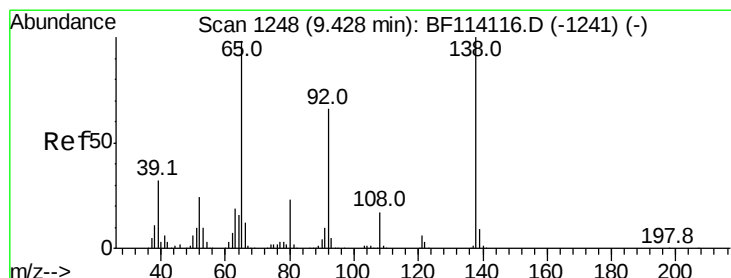
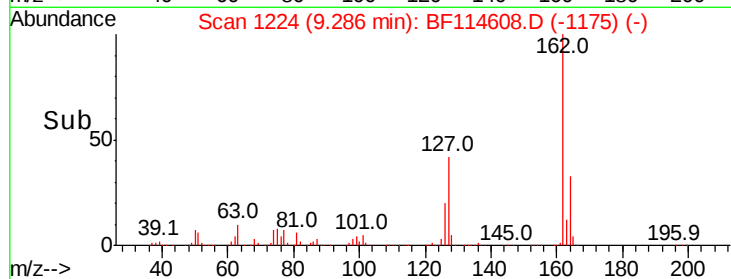
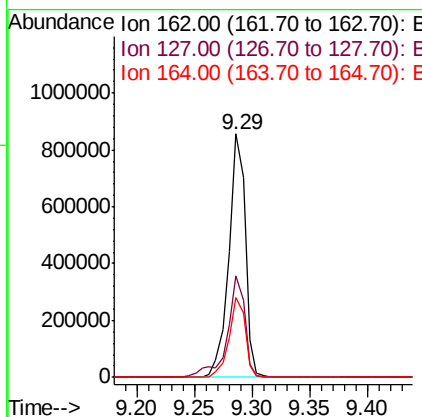
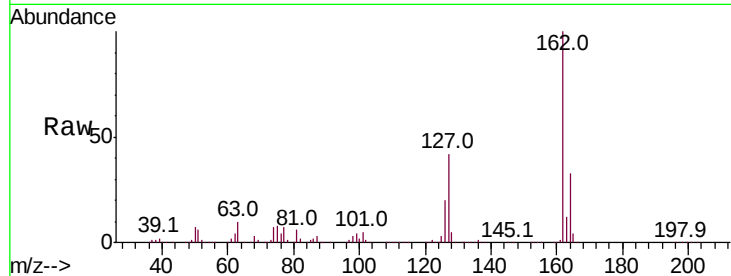
#47
 2-Chloronaphthalene
 Concen: 42.886 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Instrument :
 BNA_F
 ClientSampled :
 PB119859BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	844541		
127	41.9	34.0	51.0	
164	32.8	26.7	40.1	

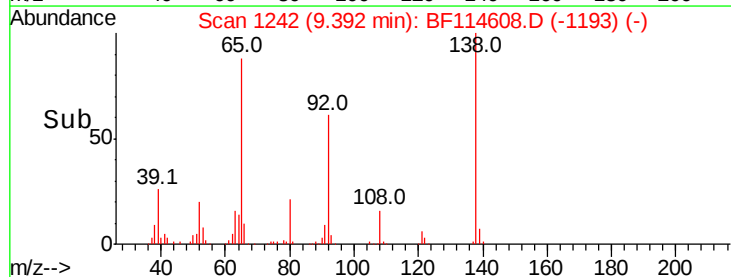
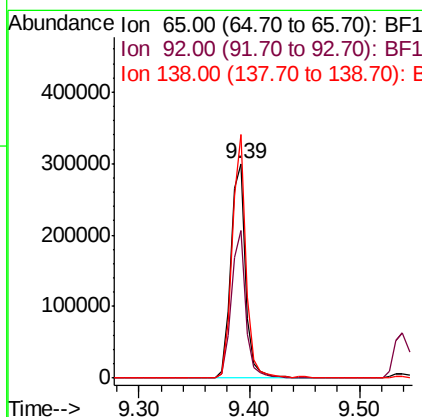
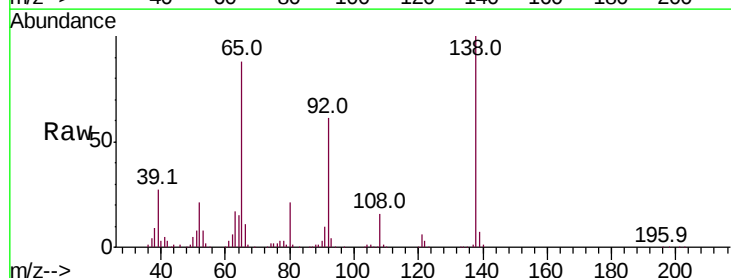
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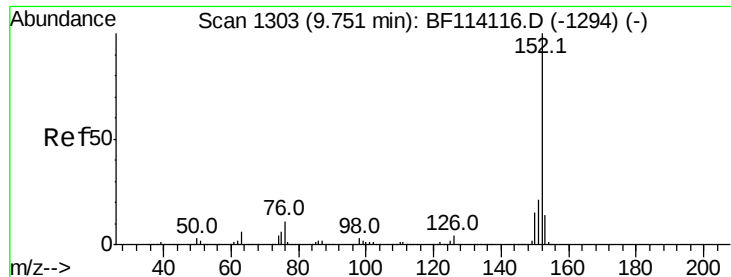
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#48
 2-Nitroaniline
 Concen: 40.468 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	282626		
92	68.9	53.9	80.9	
138	113.4	81.4	122.0	





#49

Acenaphthylene

Concen: 44.468 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

PB119859BS

Tot Ion:152 Resp: 1331877

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

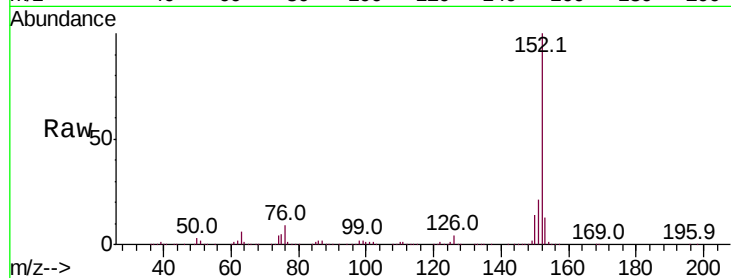
153 13.0 11.4 17.2

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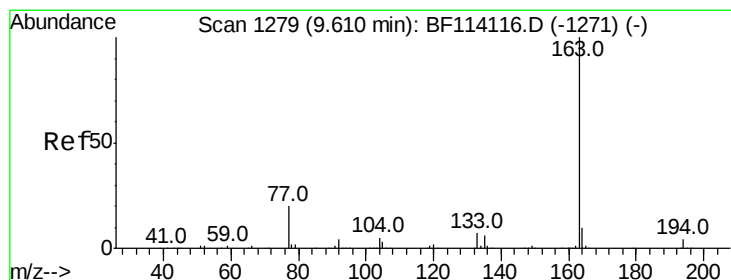
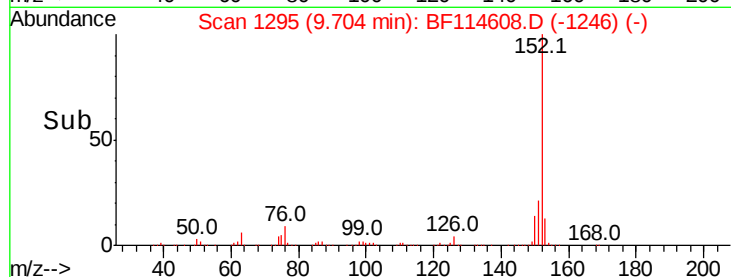
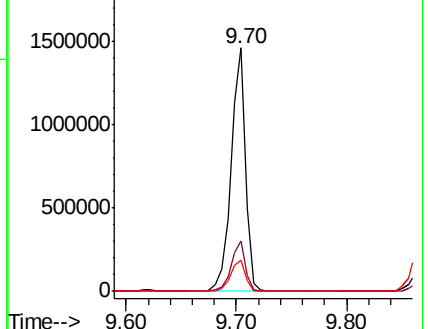
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Abundance Ion 152.00 (151.70 to 152.70): E

2000000 Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.815 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

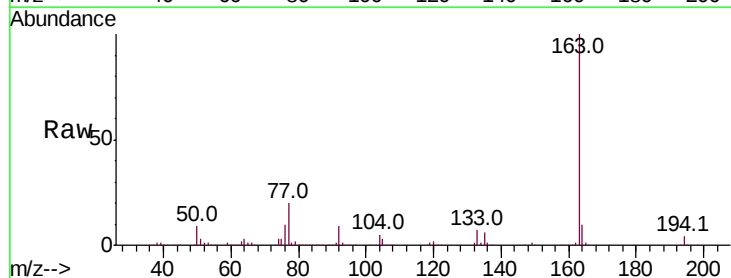
Tgt Ion:163 Resp: 974224

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

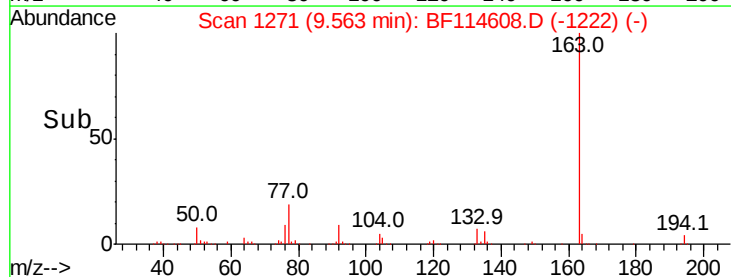
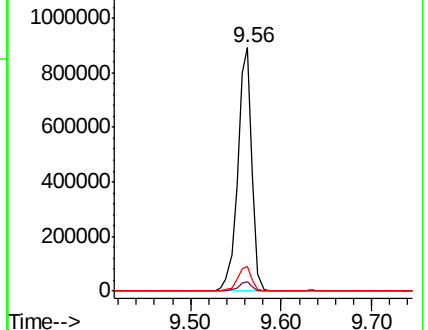
164 10.3 8.2 12.2

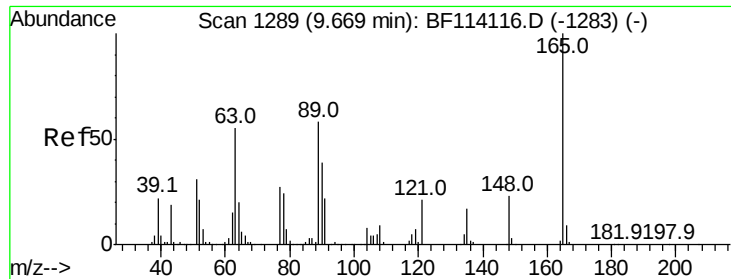


Abundance Ion 163.00 (162.70 to 163.70): E

1200000 Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





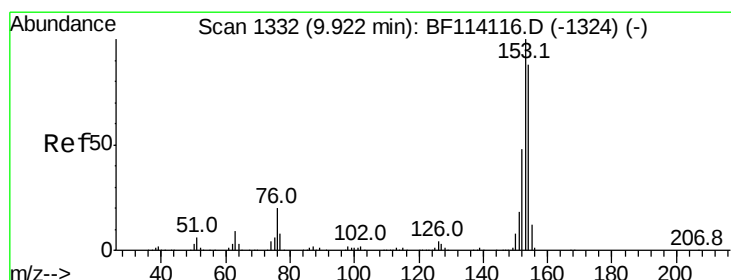
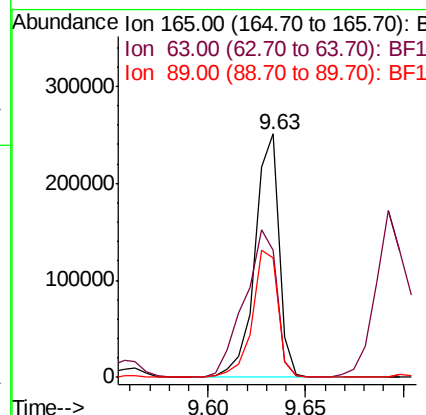
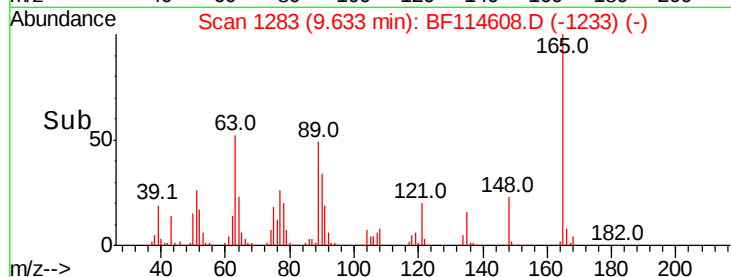
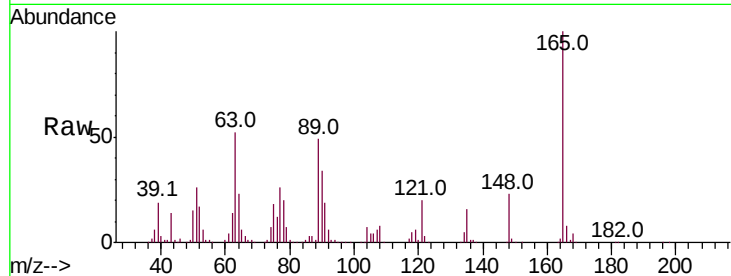
#51
 2,6-Dinitrotoluene
 Concen: 43.784 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB119859BS

Tot Ion:	165	Resp:	215930
Ion Ratio	Lower	Upper	
165	100		
63	52.0	50.2	75.4
89	49.3	46.6	69.8

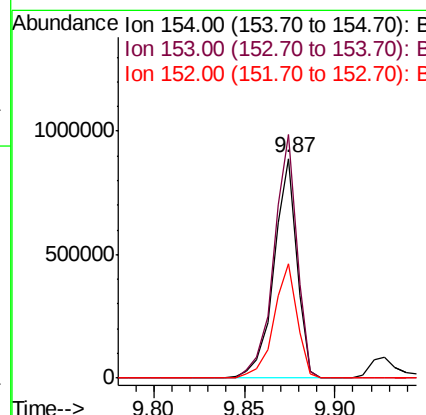
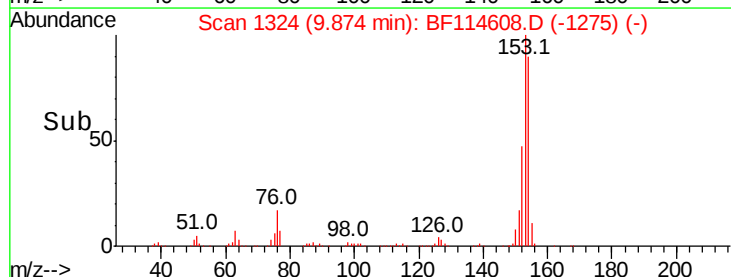
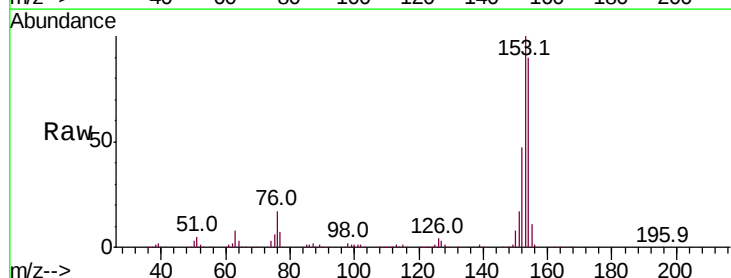
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#52
 Acenaphthene
 Concen: 42.643 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion:	154	Resp:	783762
Ion Ratio	Lower	Upper	
154	100		
153	110.9	90.5	135.7
152	52.3	43.4	65.2





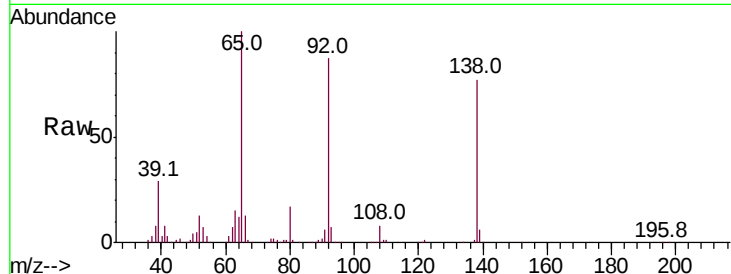
#53
3-Nitroaniline
Concen: 30.817 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	188658		
108	9.8	7.8	11.6	
92	112.5	91.2	136.8	

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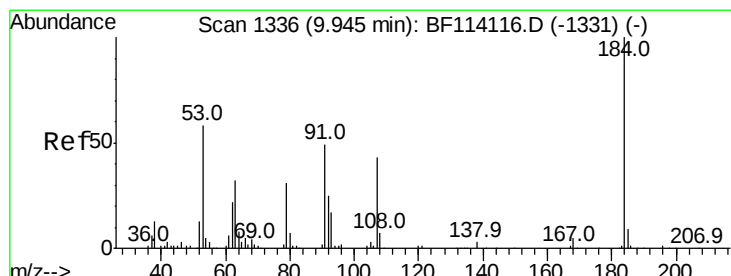
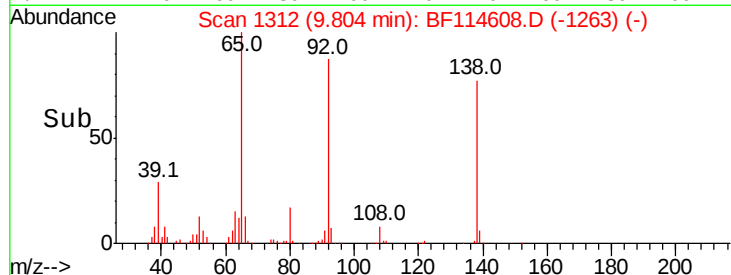
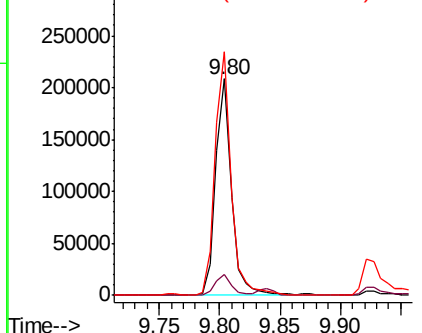


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 75.189 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

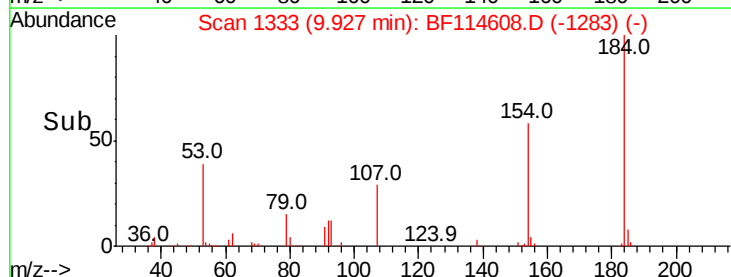
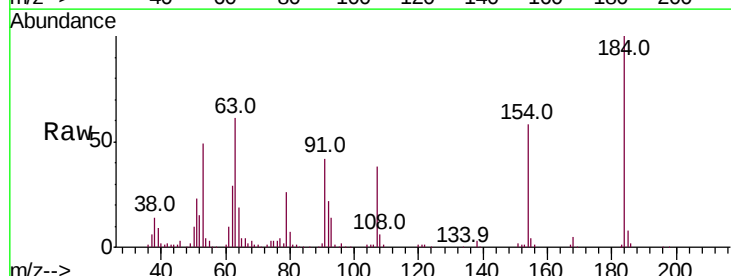
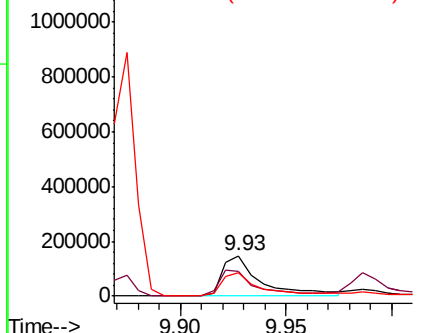
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	185357		
63	60.6	55.6	83.4	
154	57.8	46.0	69.0	

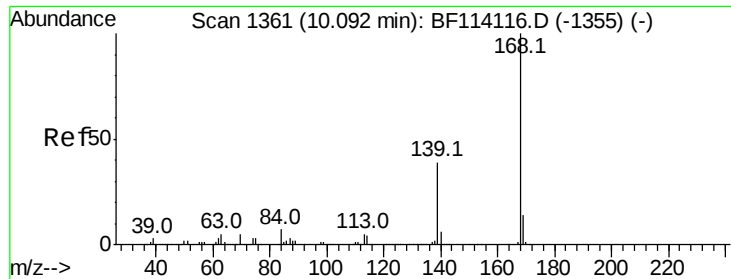
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





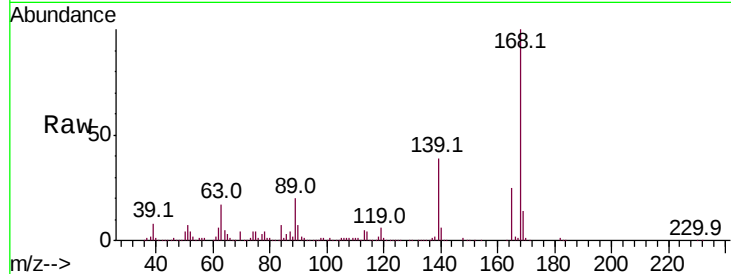
#55
Dibenzofuran
Concen: 41.900 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.1	46.7
169	14.0	11.4	17.0

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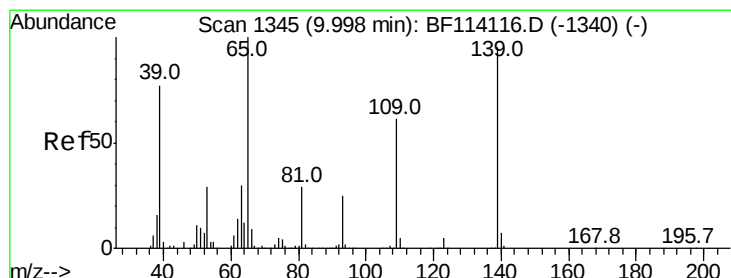
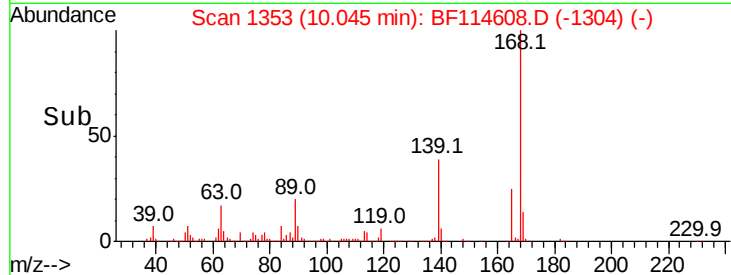
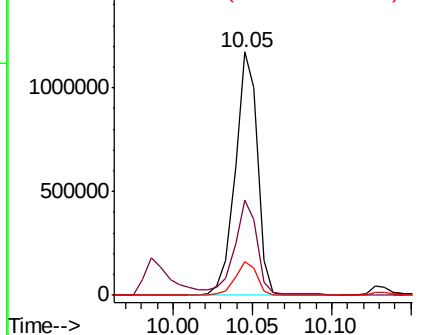


Abundance

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: 48.367 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

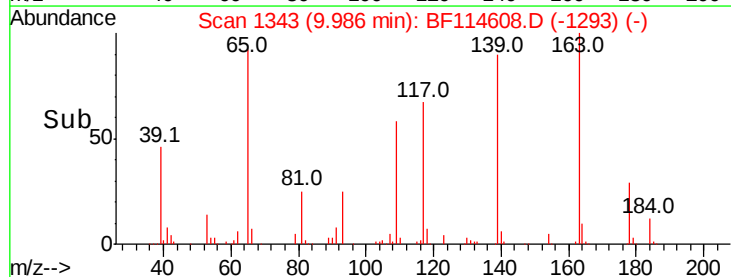
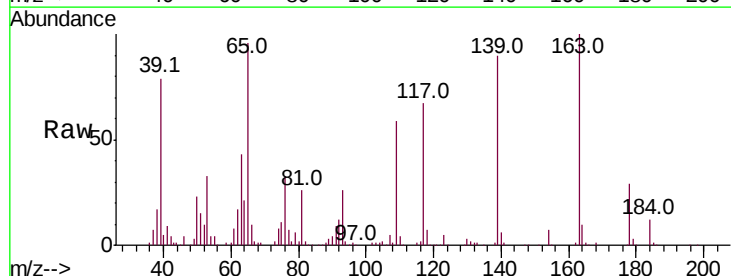
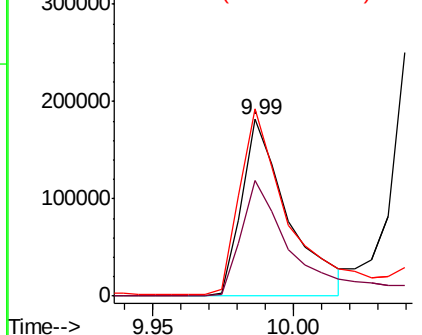
Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.5	43.9	83.9
65	106.2	85.7	125.7

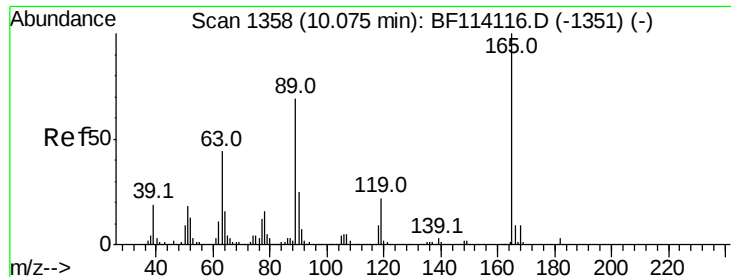
Abundance

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: 39.174 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

PB119859BS

Tot Ion:165 Resp: 262223

Ion Ratio Lower Upper

165 100

63 65.8 35.5 53.3#

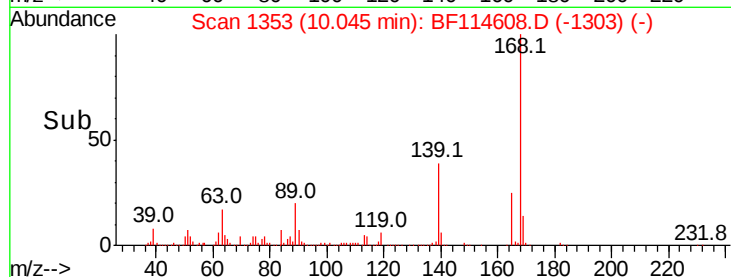
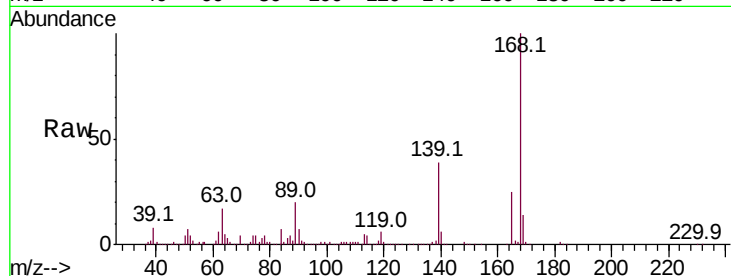
89 80.8 55.2 82.8

182 2.7 2.2 3.2

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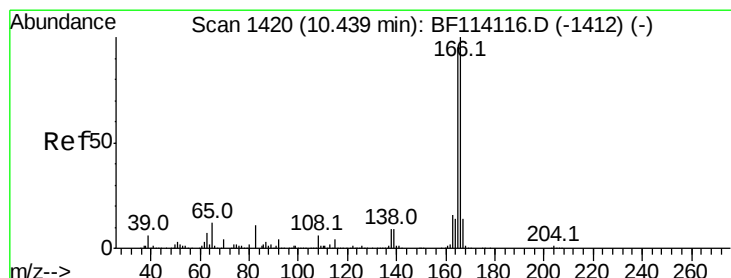
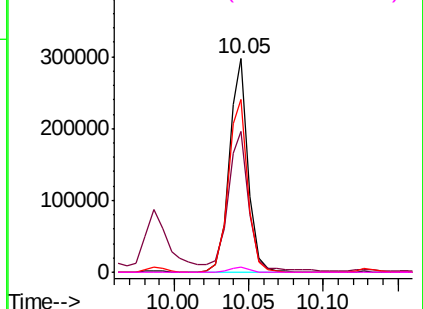


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.340 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

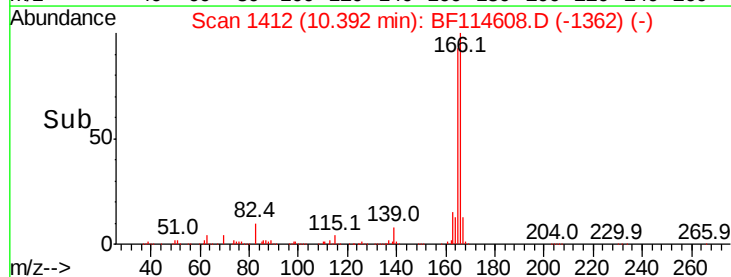
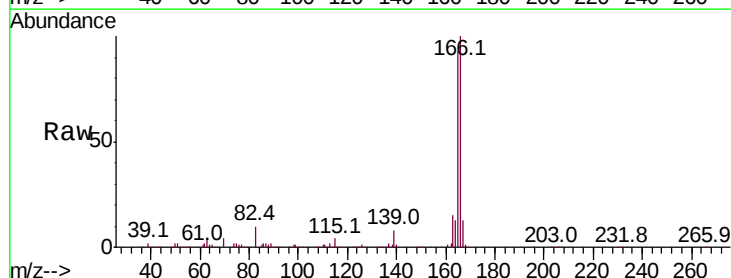
Tgt Ion:166 Resp: 943859

Ion Ratio Lower Upper

166 100

165 93.4 76.1 114.1

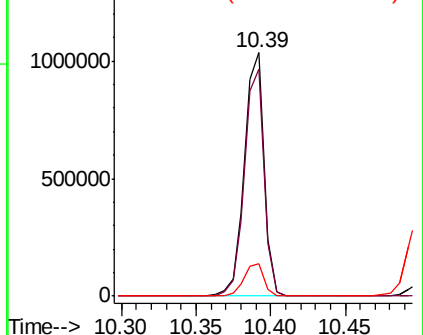
167 13.2 11.1 16.7

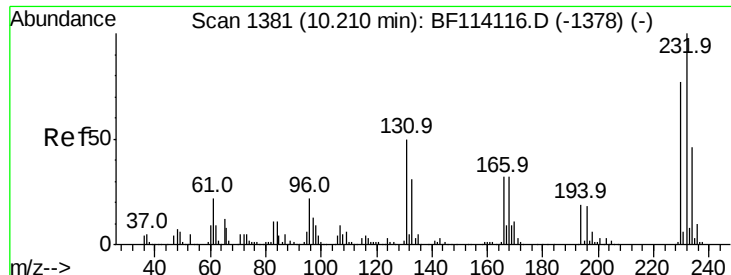


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





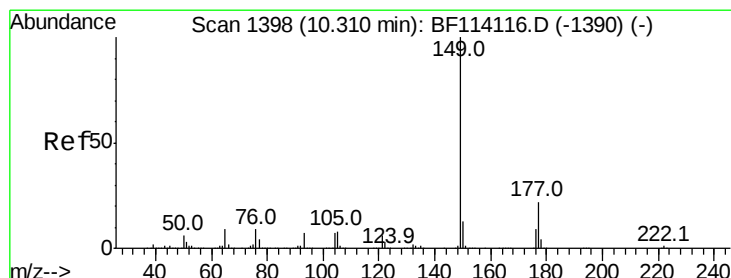
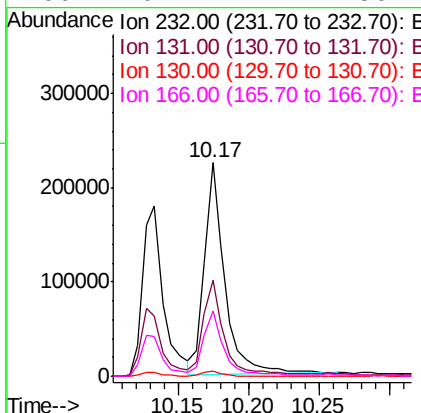
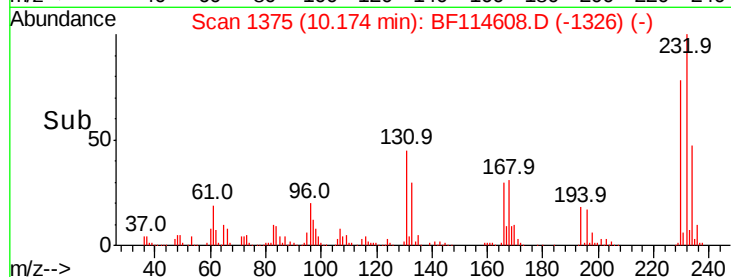
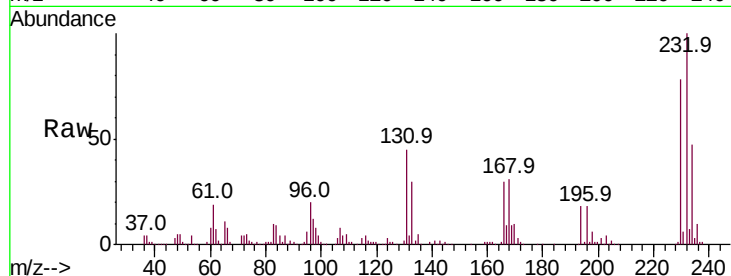
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.358 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB119859BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	225378		
131	46.5		35.6	53.4
130	2.3		1.6	2.4
166	29.7		24.1	36.1

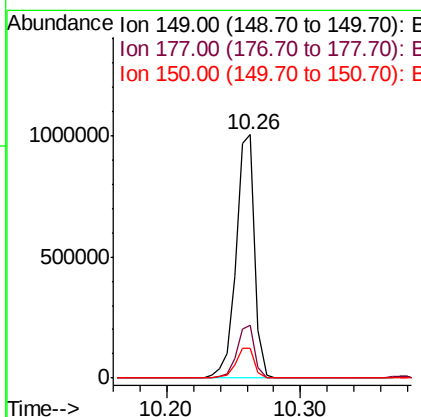
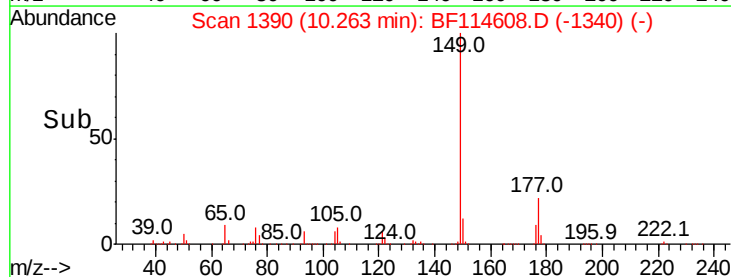
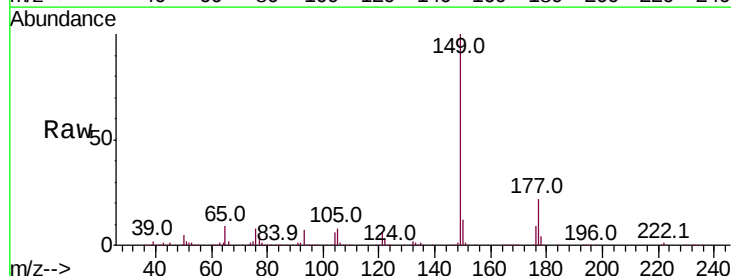
Manual Integrations
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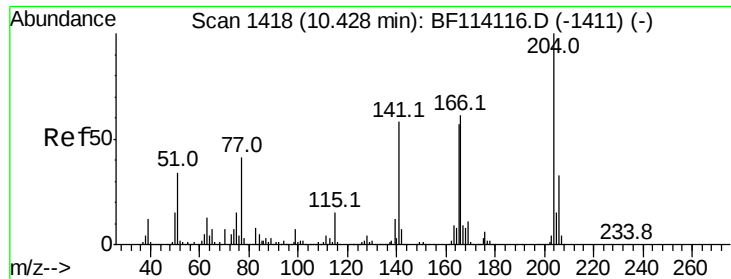
mohammad
 5/27/2019 3:49:57 AM



#60
 Diethylphthalate
 Concen: 43.128 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	974348		
177	21.9		17.8	26.6
150	12.4		10.2	15.2





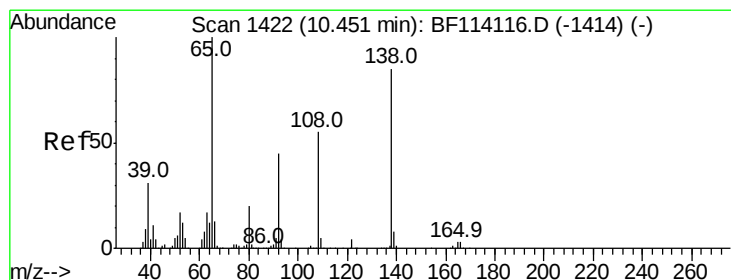
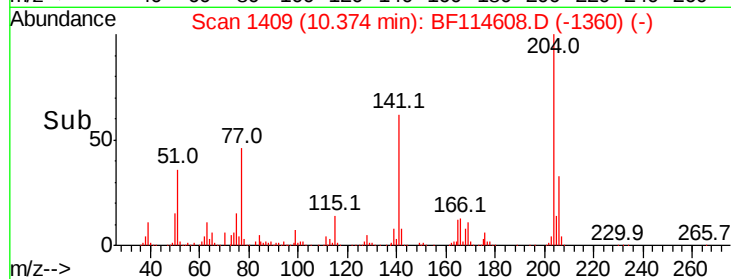
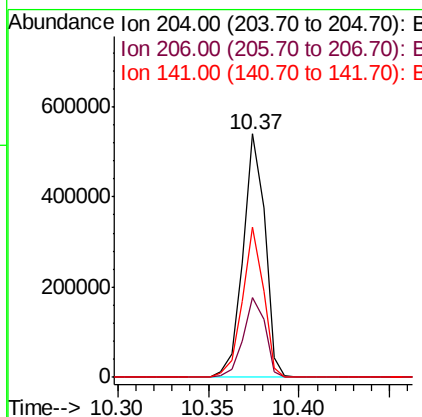
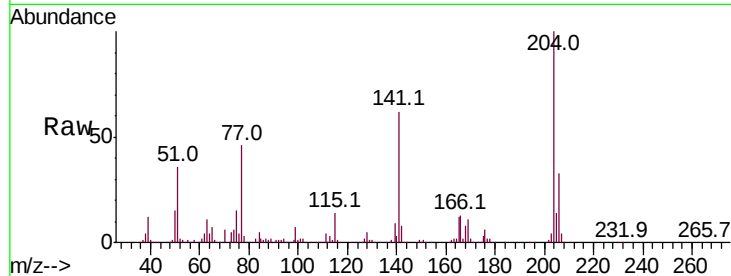
#61
4-Chlorophenyl-phenylether
Concen: 44.304 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	61.9	46.4	69.6

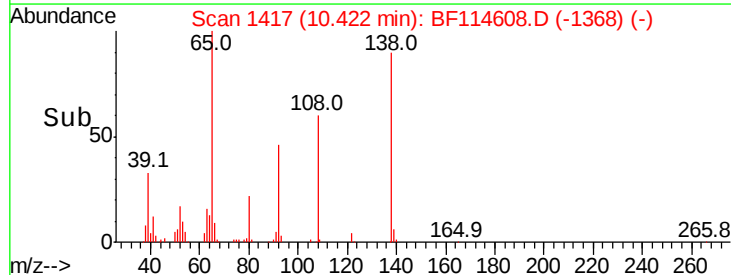
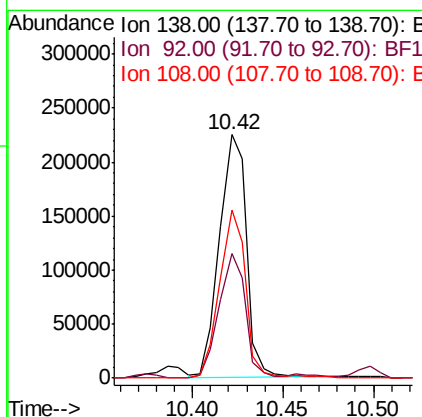
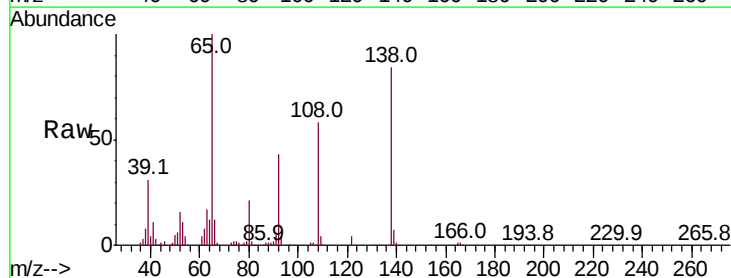
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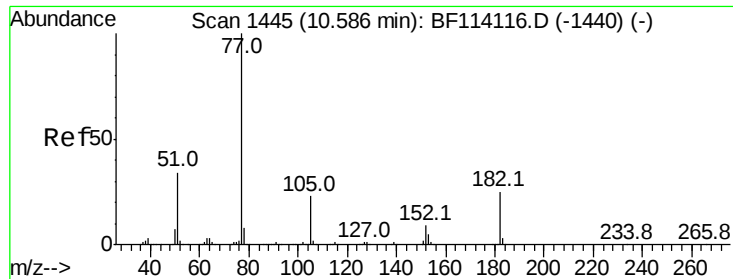
mohammad
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#62
4-Nitroaniline
Concen: 36.403 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	33.0	73.0
108	68.8	44.9	84.9





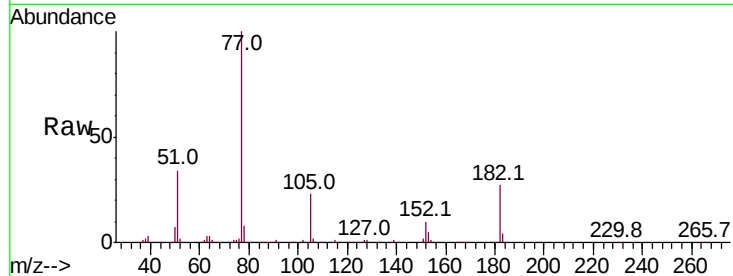
#63
Azobenzene
Concen: 42.506 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

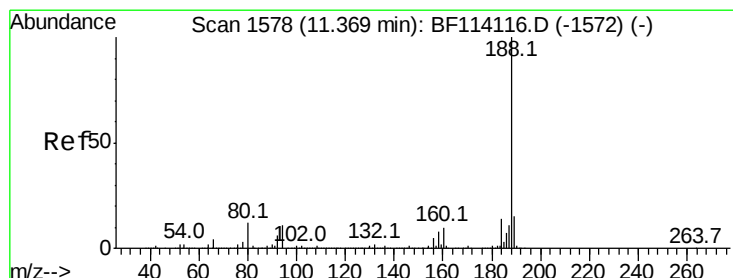
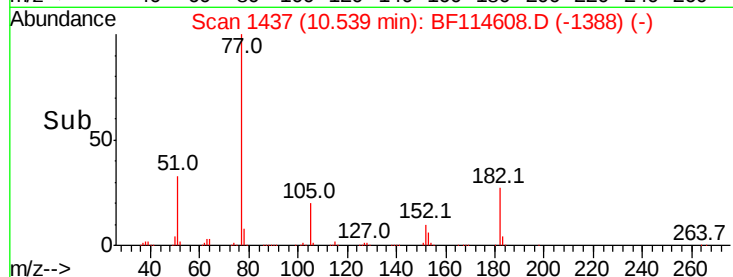
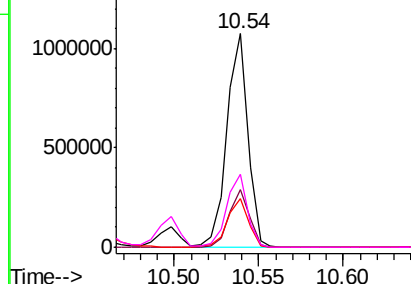
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.8	4.7	44.7	
105	23.0	2.9	42.9	
51	34.0	14.6	54.6	

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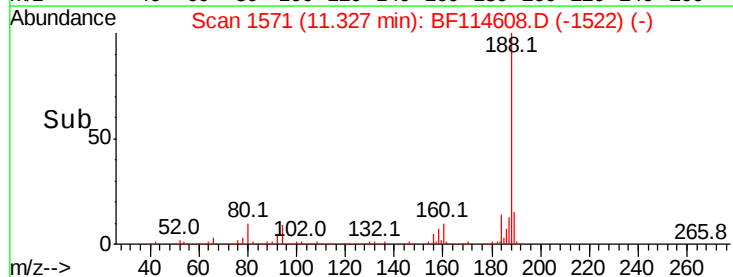
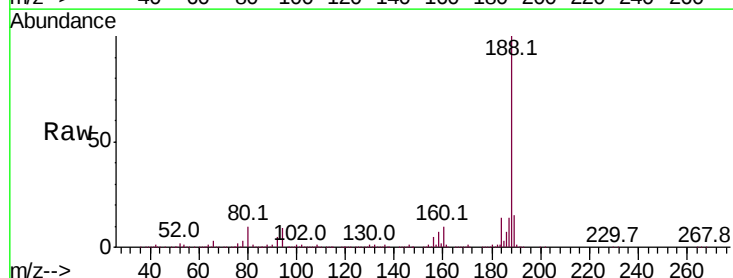
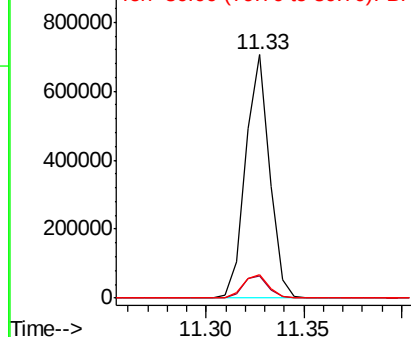
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

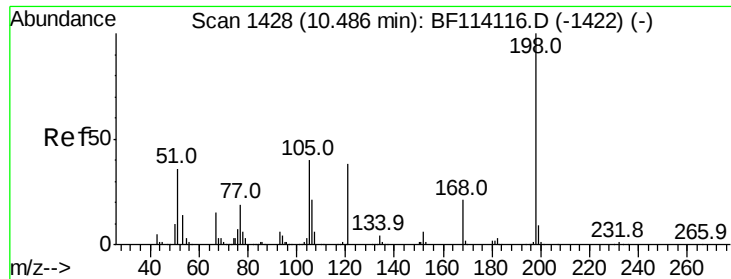


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.1	8.4	12.6	
80	9.5	9.2	13.8	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





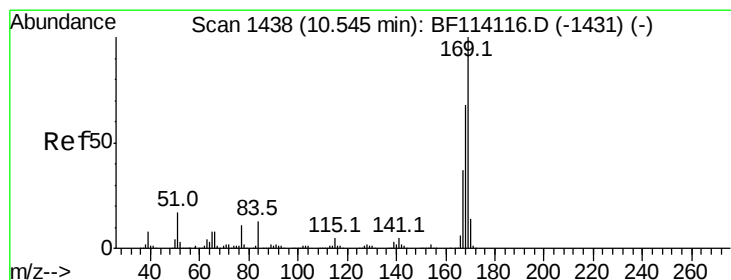
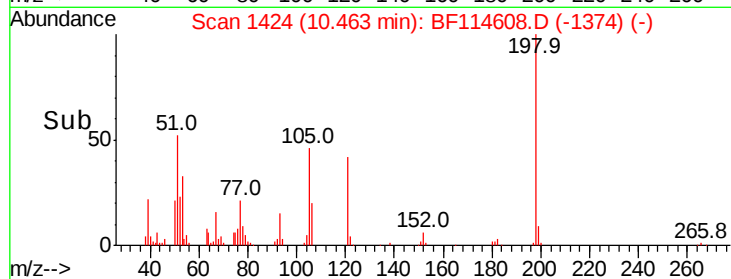
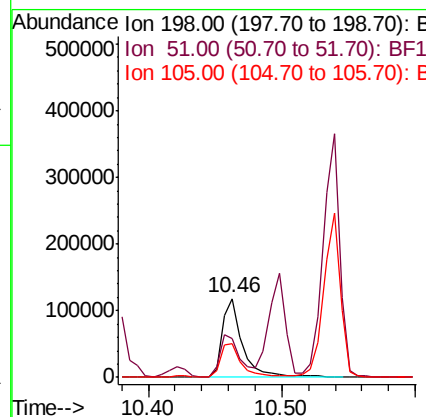
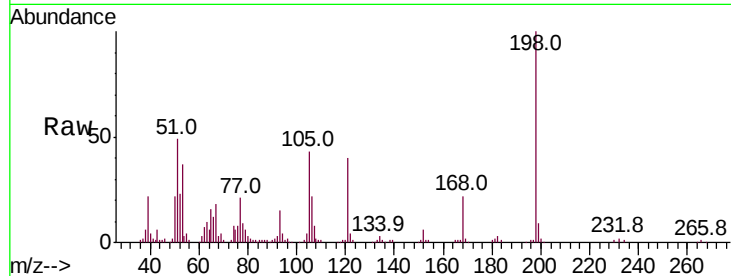
#65
4,6-Dinitro-2-methylphenol
Concen: 44.374 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	127870		
51	49.2	28.0	68.0	
105	43.0	21.1	61.1	

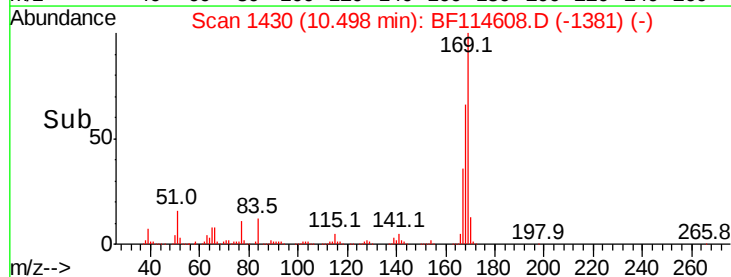
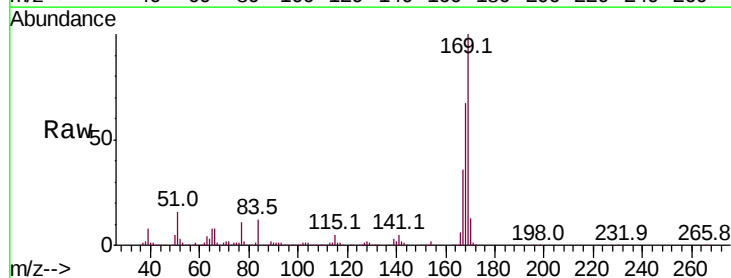
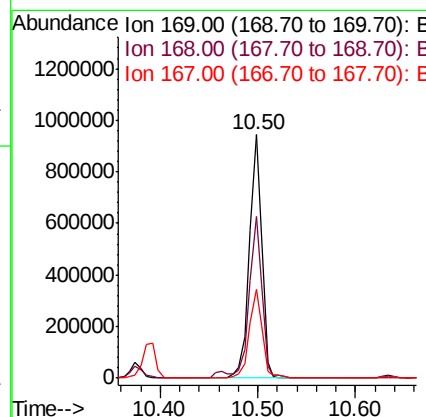
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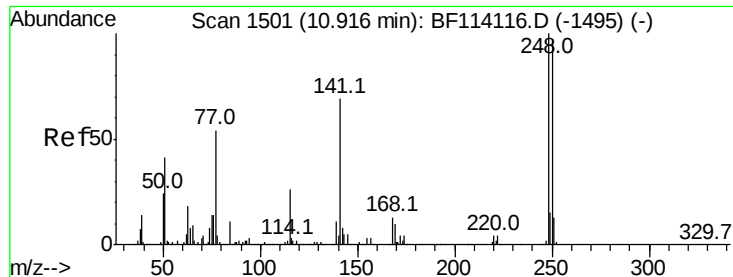
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 45.957 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	836477		
168	66.5	54.2	81.2	
167	36.5	29.8	44.8	





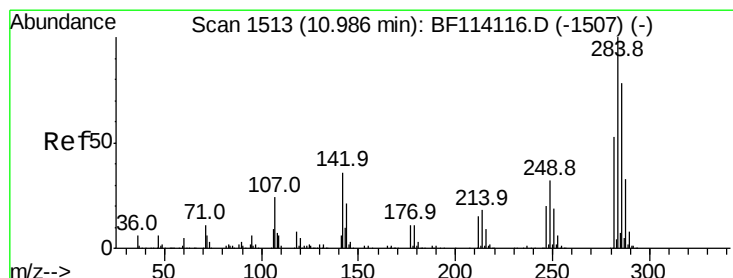
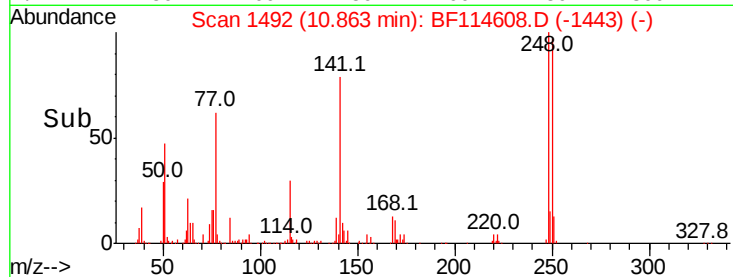
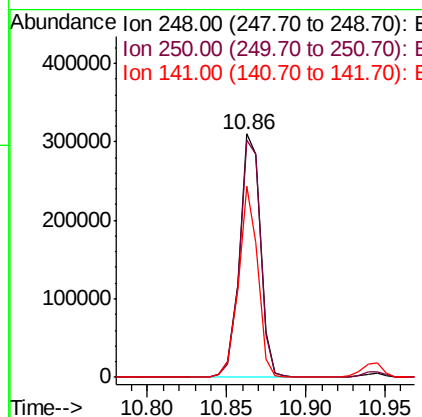
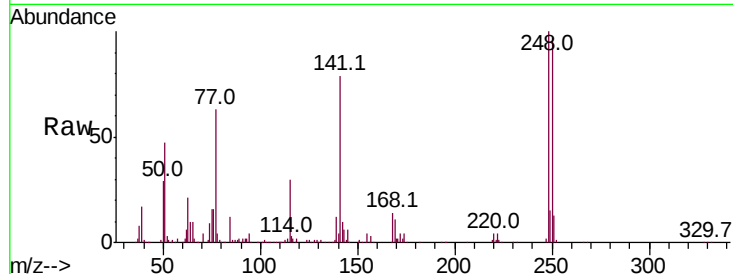
#67
4-Bromophenyl-phenylether
Concen: 42.958 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.4	116.2
141	78.5	55.6	83.4

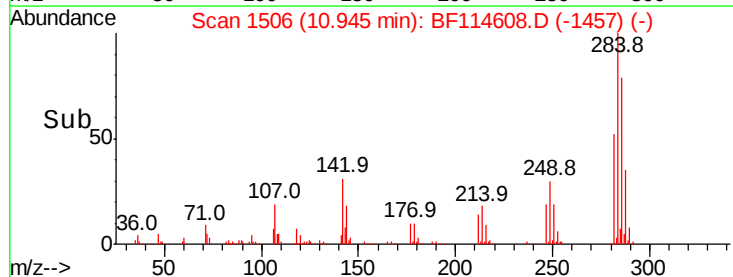
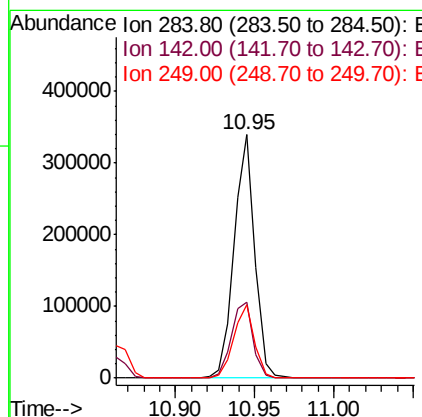
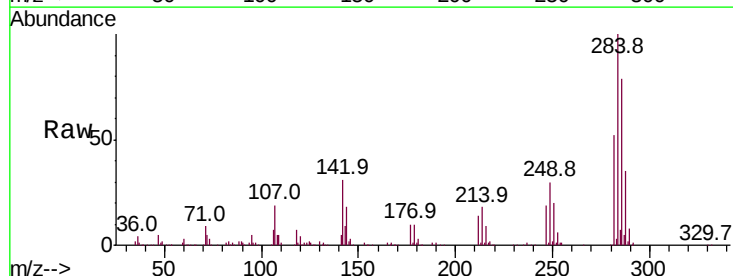
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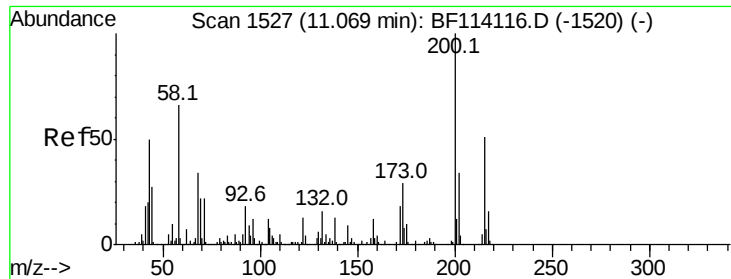
mohammad
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#68
Hexachlorobenzene
Concen: 41.669 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	28.4	42.6
249	30.2	25.2	37.8





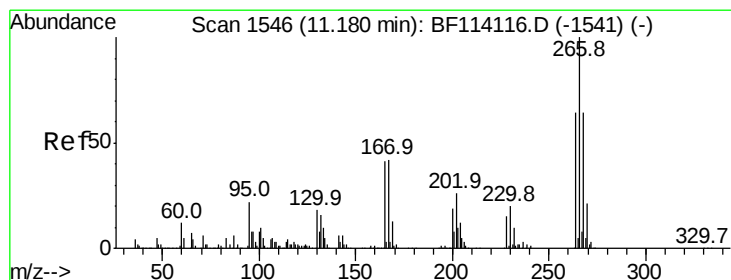
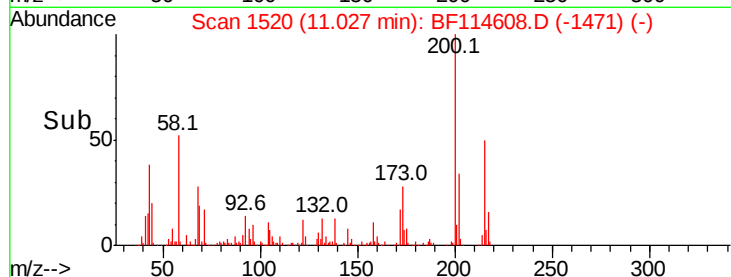
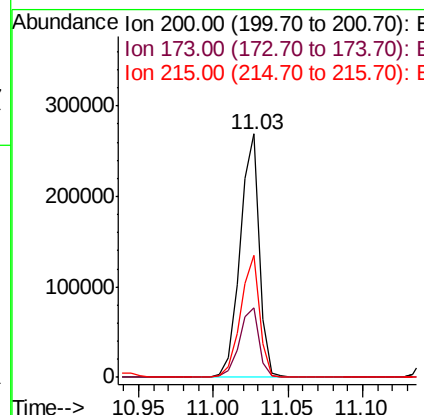
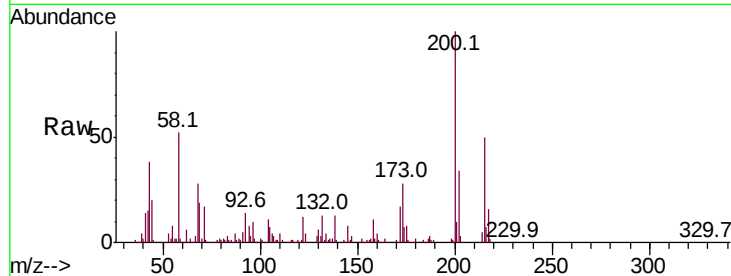
#69
Atrazine
Concen: 43.016 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.4	8.9	48.9
215	50.2	30.7	70.7

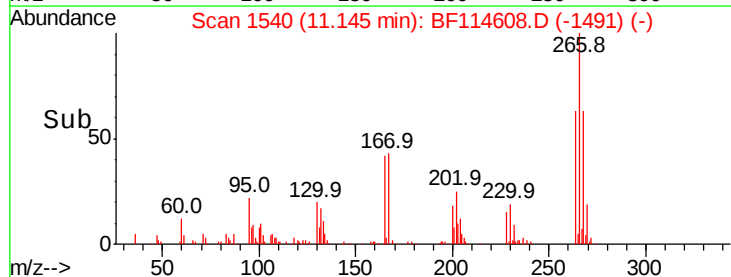
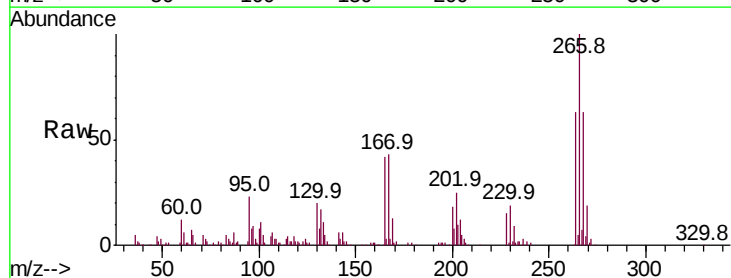
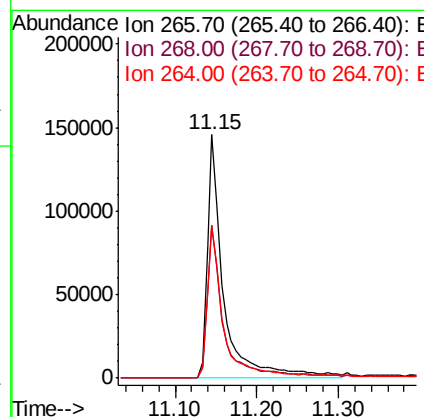
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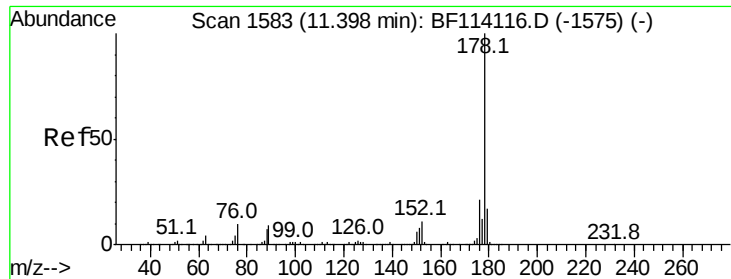
mohammad
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#70
Pentachlorophenol
Concen: 58.886 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.0	51.1	76.7
264	62.8	51.1	76.7





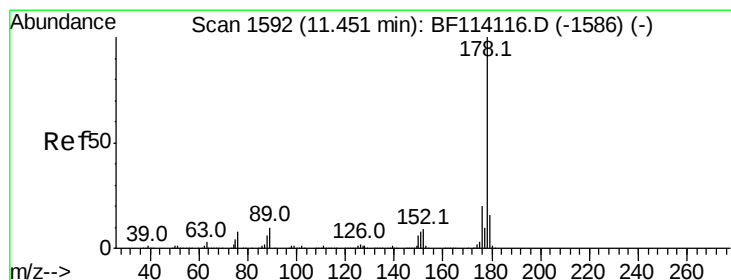
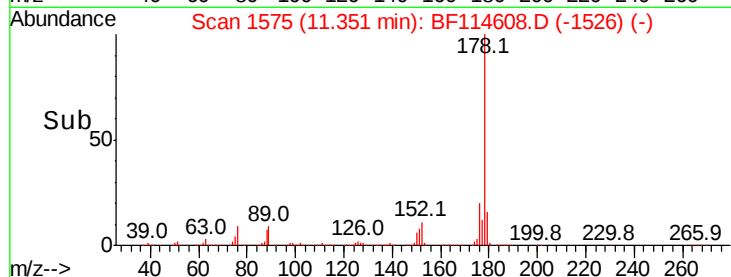
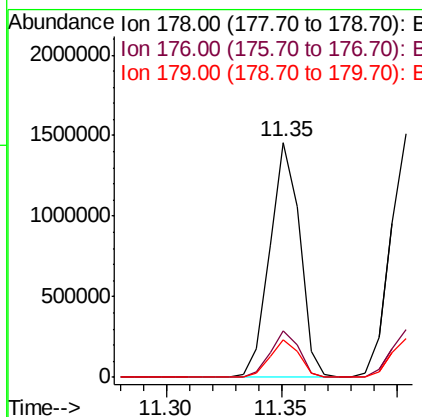
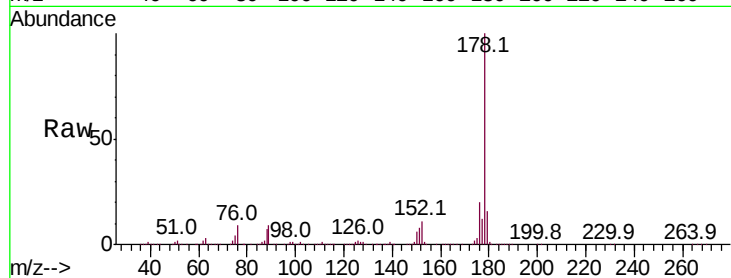
#71
Phenanthrene
Concen: 45.049 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Tot Ion:178 Resp: 1314379
Ion Ratio Lower Upper
178 100
176 19.7 16.4 24.6
179 16.2 13.2 19.8

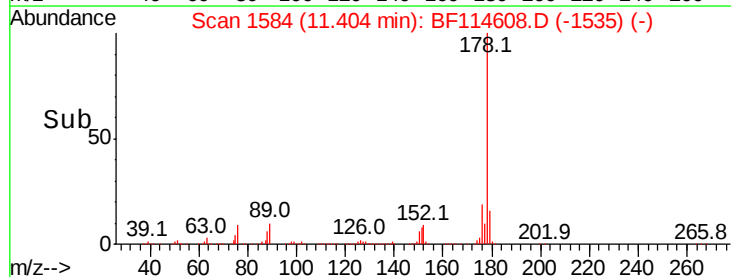
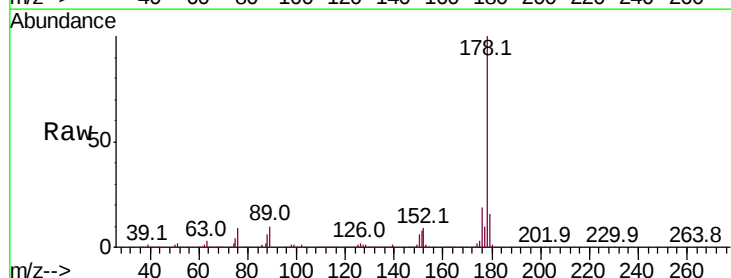
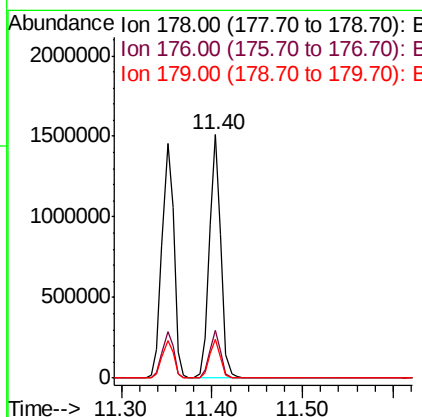
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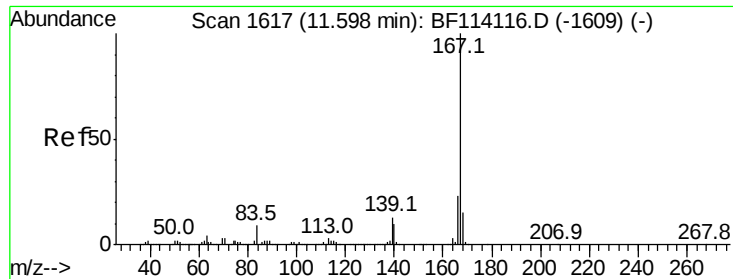
mohammad
5/27/2019 3:49:57 AM



#72
Anthracene
Concen: 46.261 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion:178 Resp: 1355675
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.9 13.0 19.4





#73

Carbazole

Concen: 44.800 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

PB119859BS

Tot Ion:167 Resp: 1251942

Ion Ratio Lower Upper

167 100

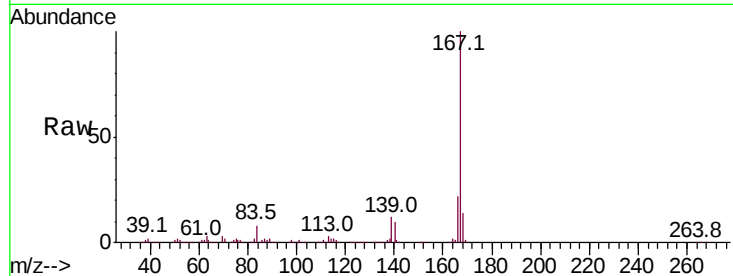
166 22.0 18.2 27.2

139 12.5 10.6 16.0

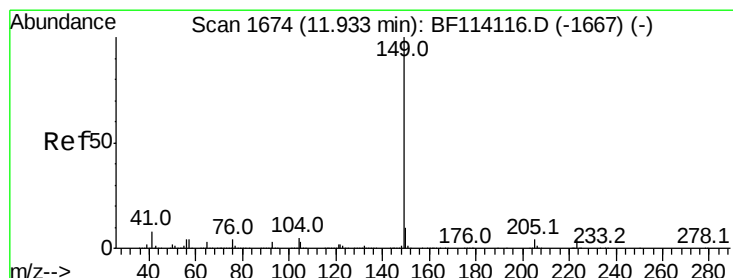
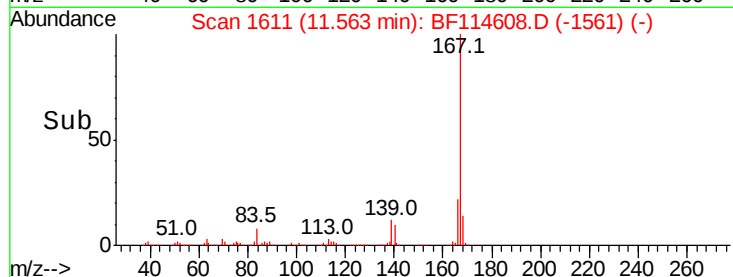
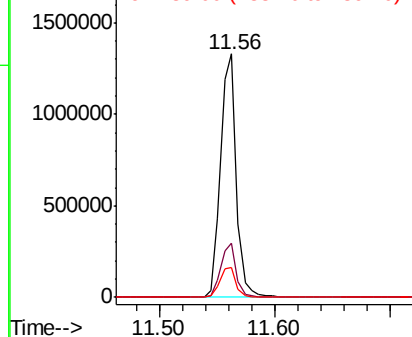
Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.536 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

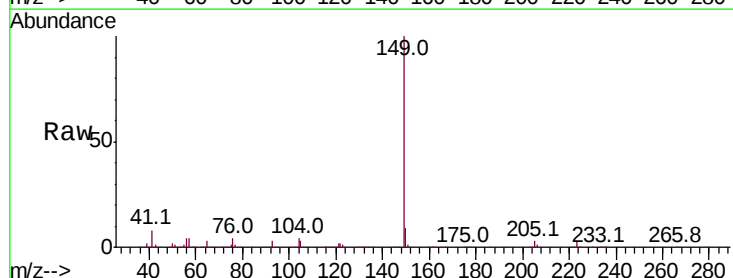
Tgt Ion:149 Resp: 1498224

Ion Ratio Lower Upper

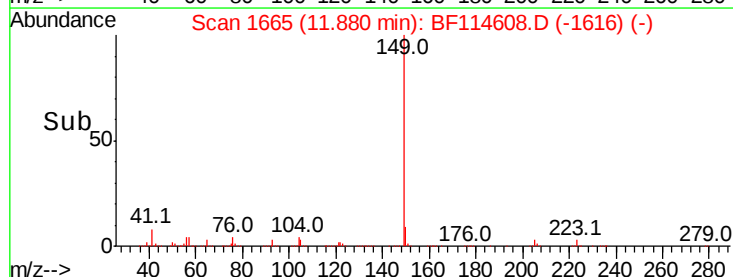
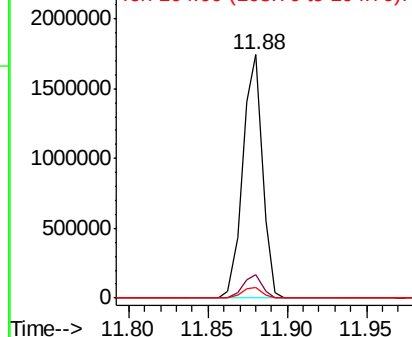
149 100

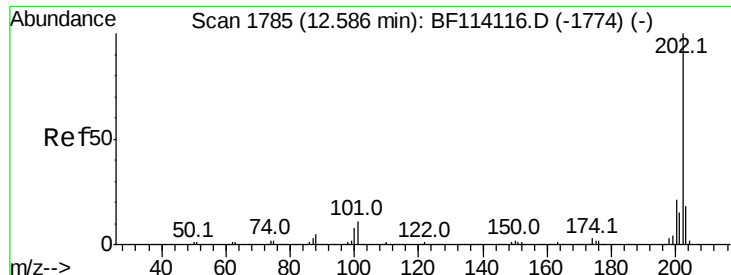
150 9.4 7.7 11.5

104 4.4 3.6 5.4



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





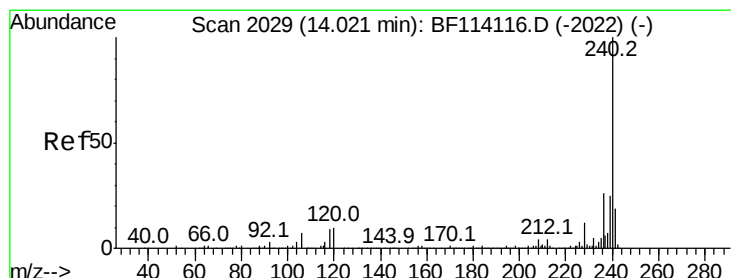
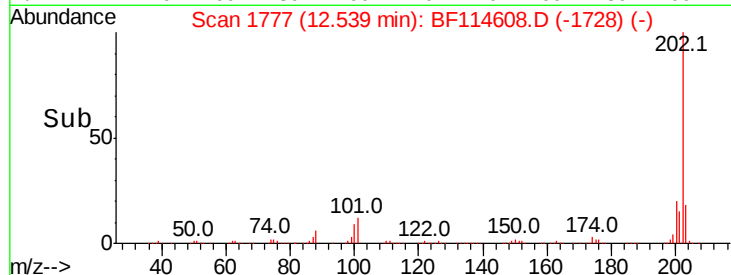
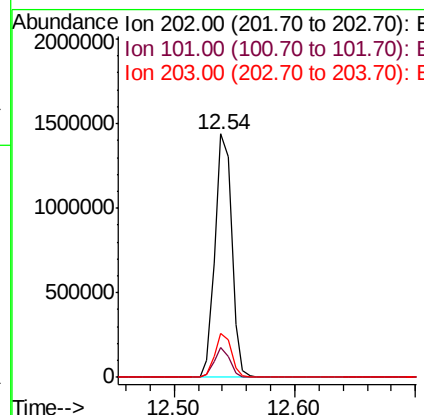
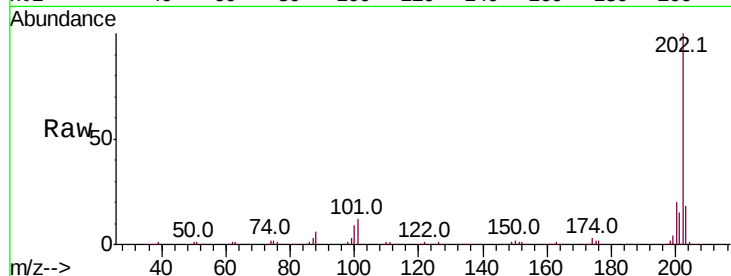
#75
 Fluoranthene
 Concen: 43.998 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB119859BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1382370		
101	12.1	0.0	31.0	
203	18.1	0.0	38.4	

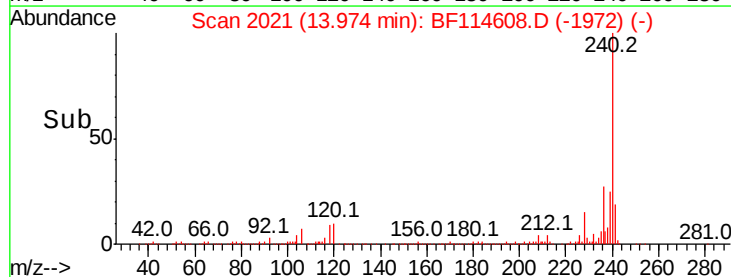
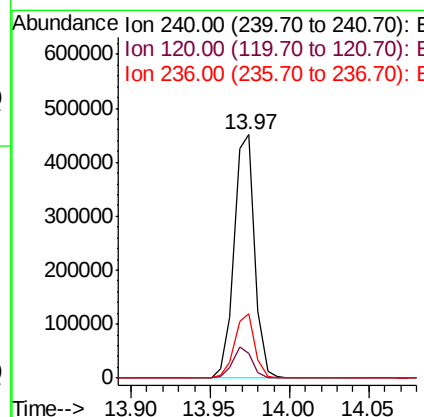
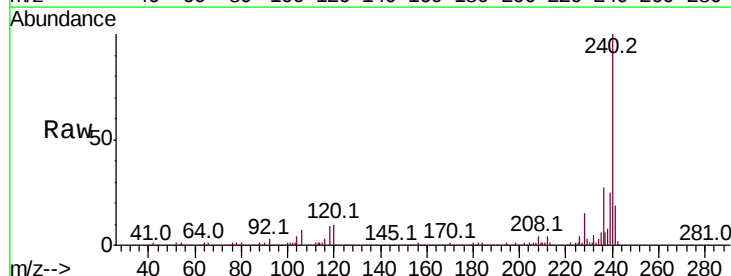
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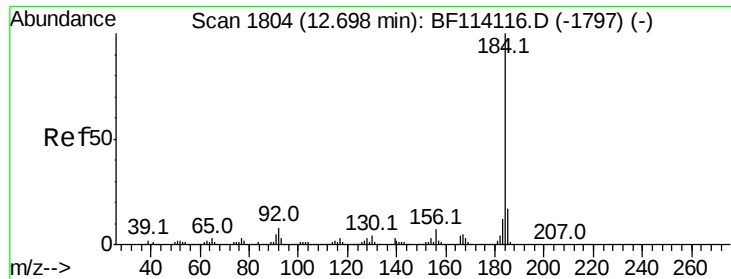
mohammad
 5/27/2019 3:49:57 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	406688		
120	10.3	8.3	12.5	
236	26.7	20.8	31.2	





#77

Benzidine

Concen: 43.895 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampled :

PB119859BS

Tot Ion:184 Resp: 801336

Ion Ratio Lower Upper

184 100

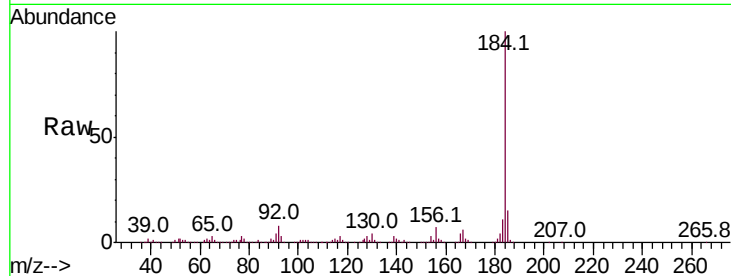
185 15.0 13.6 20.4

183 11.0 9.2 13.8

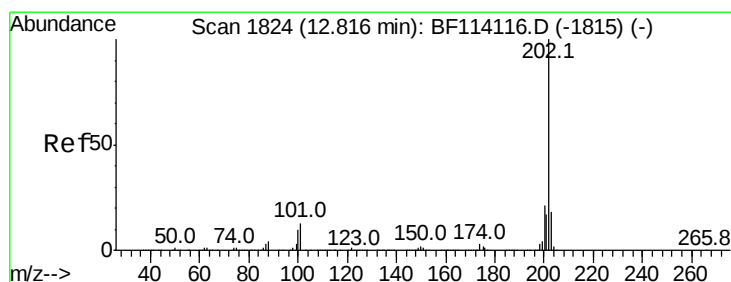
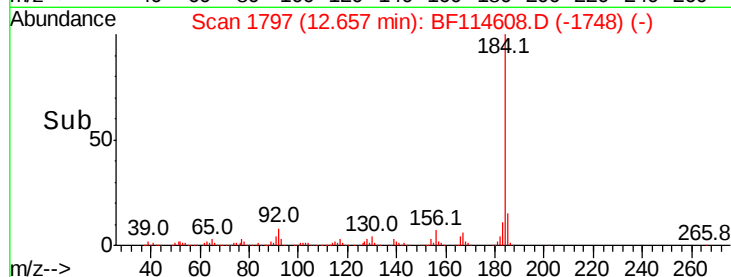
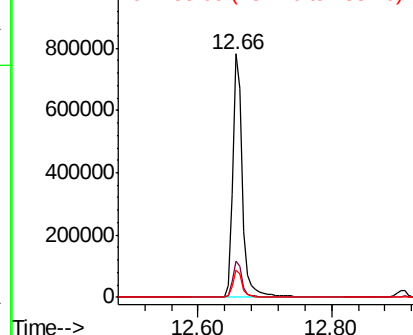
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.772 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

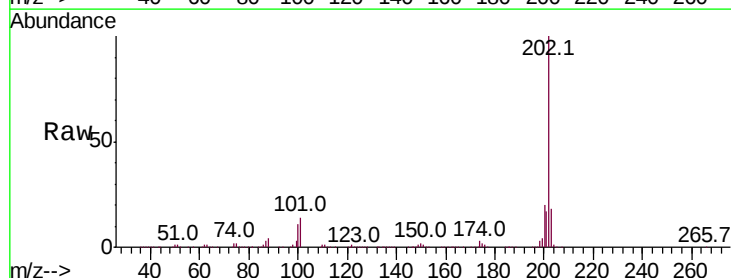
Tgt Ion:202 Resp: 1399335

Ion Ratio Lower Upper

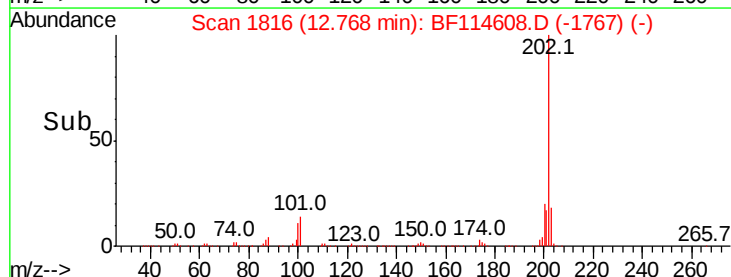
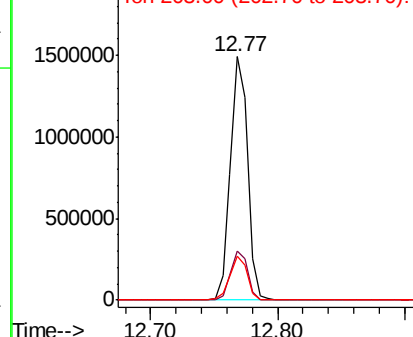
202 100

200 20.2 16.9 25.3

203 17.8 14.5 21.7



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





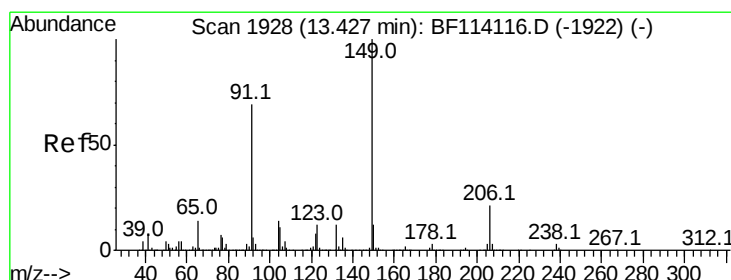
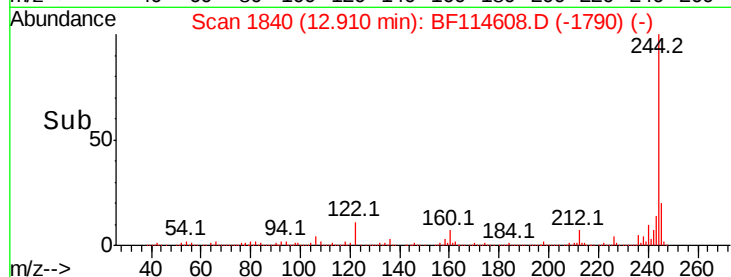
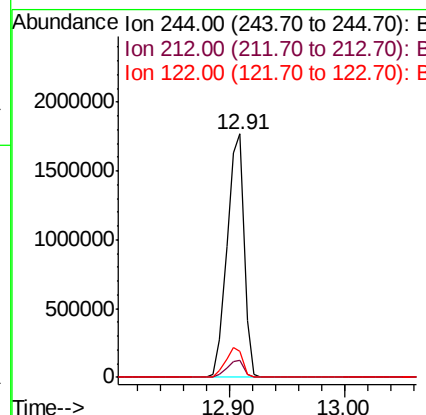
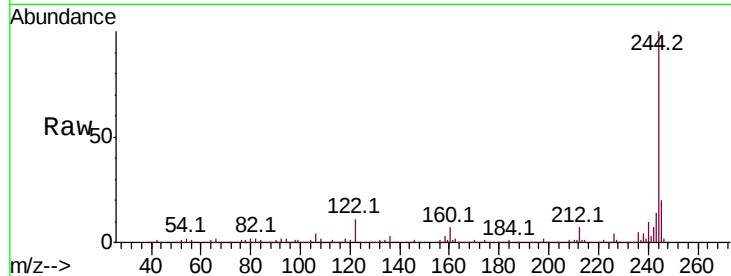
#79
 Terphenyl-d14
 Concen: 91.494 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB119859BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	10.8	9.4	14.2

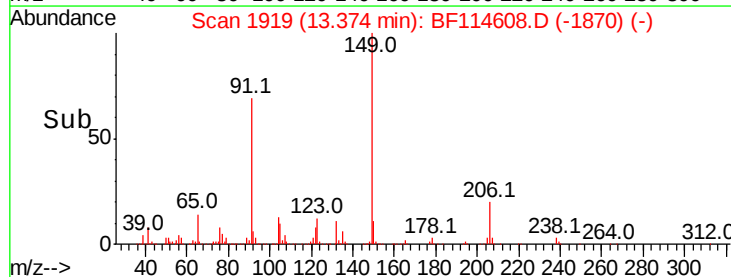
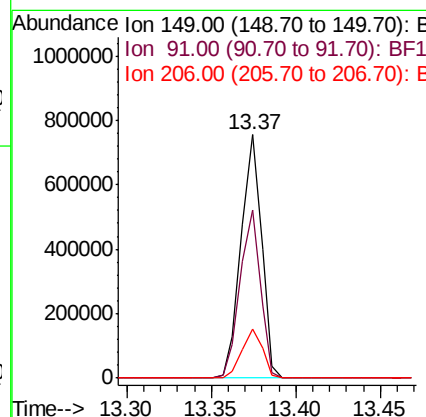
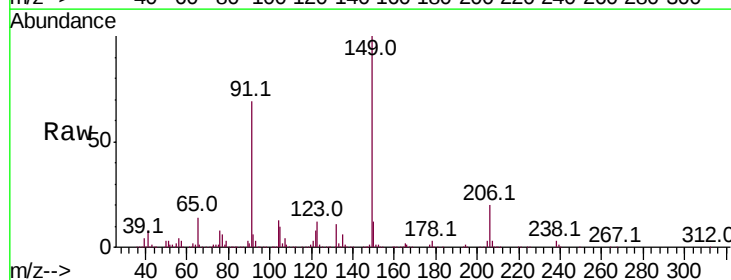
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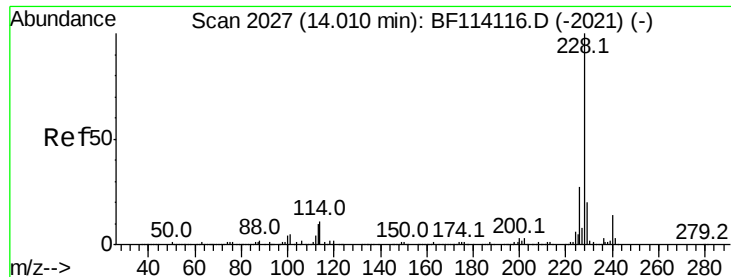
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.576 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	55.0	82.4
206	20.1	16.9	25.3





#81

Benzo(a)anthracene

Concen: 44.504 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

PB119859BS

Tot Ion:228 Resp: 1170649

Ion Ratio Lower Upper

228 100

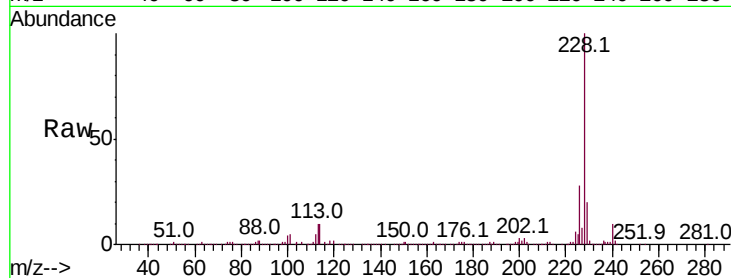
226 27.8 22.2 33.2

229 20.4 16.4 24.6

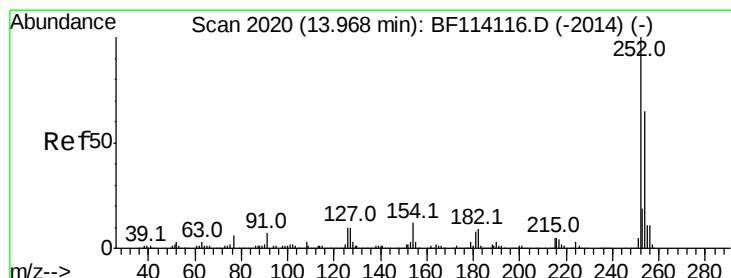
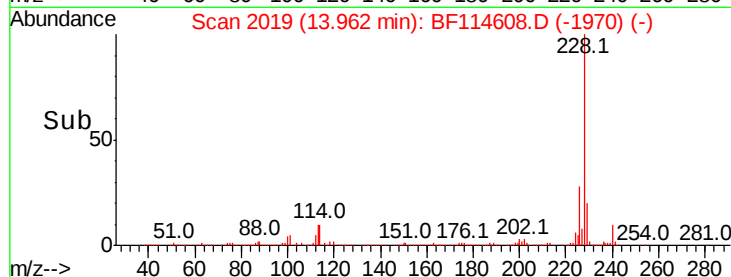
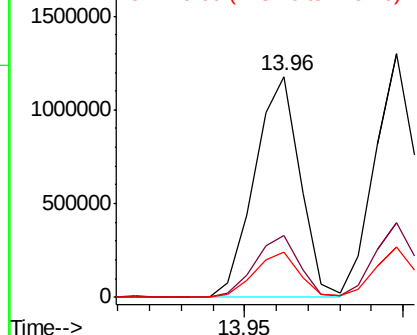
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.965 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Tgt Ion:252 Resp: 366998

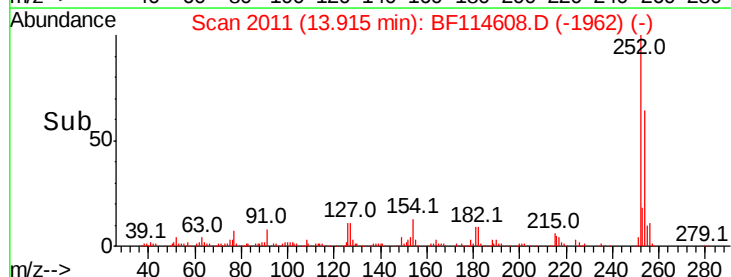
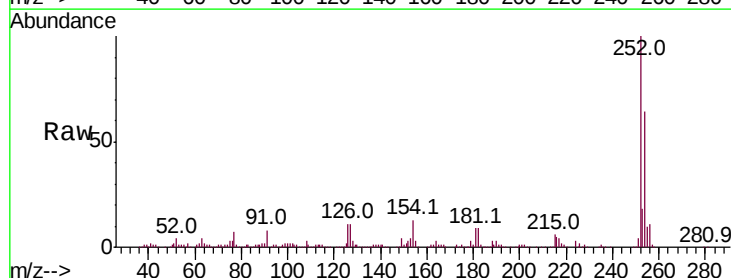
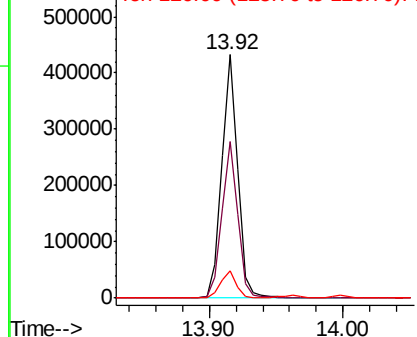
Ion Ratio Lower Upper

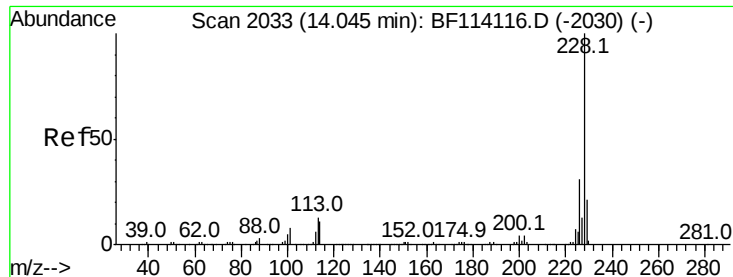
252 100

254 64.3 51.9 77.9

126 11.0 7.9 11.9

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





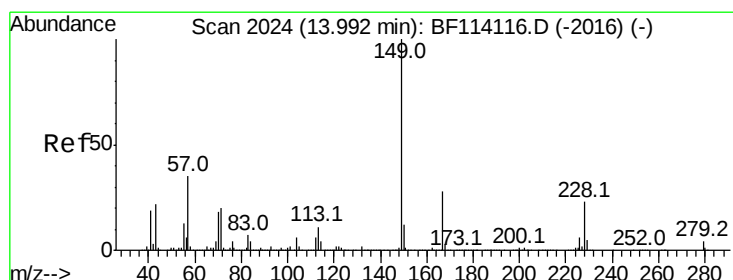
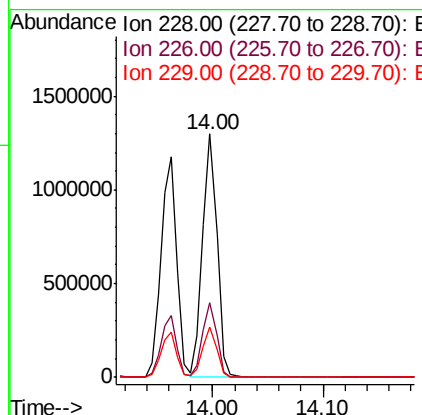
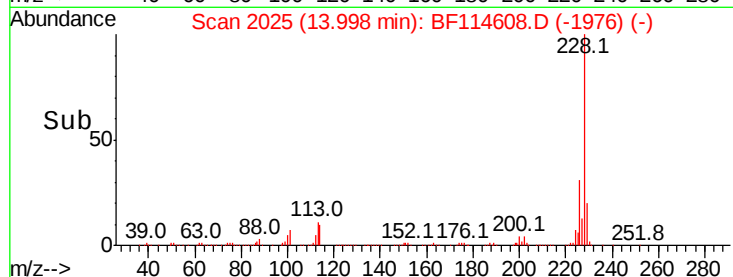
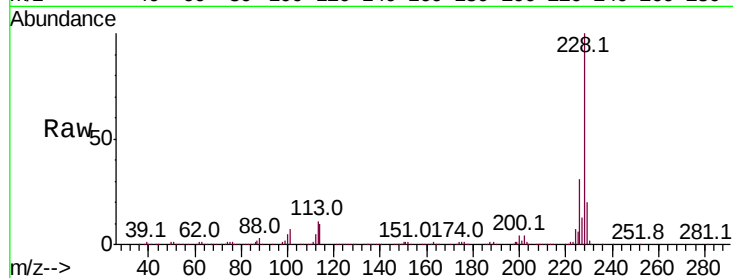
#83
 Chrvsene
 Concen: 44.338 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB119859BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.5	17.0	25.6

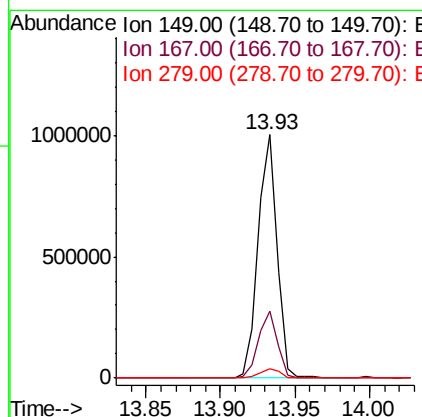
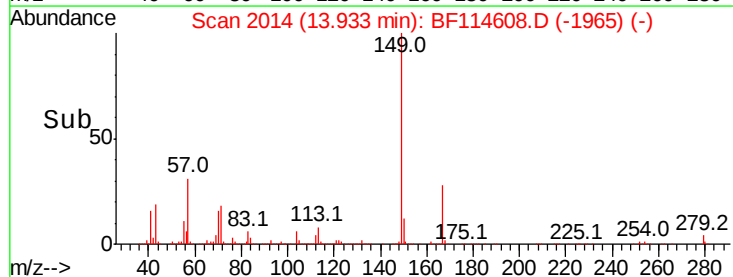
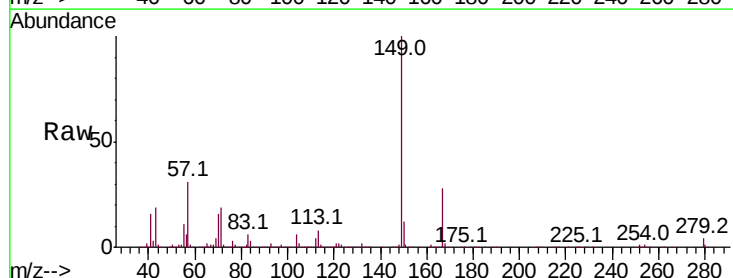
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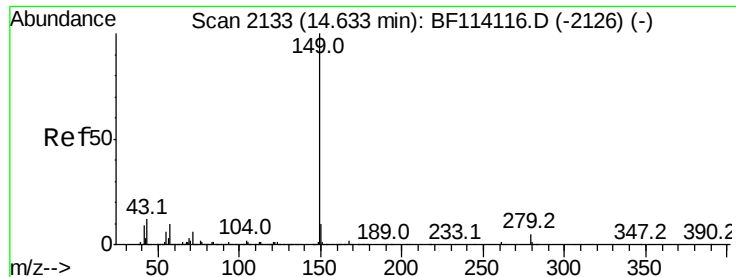
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.316 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF114608.D
 Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.6	33.8
279	4.0	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 49.666 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

ClientSampleId :

PB119859BS

Tot Ion:149 Resp: 1450029

Ion Ratio Lower Upper

149 100

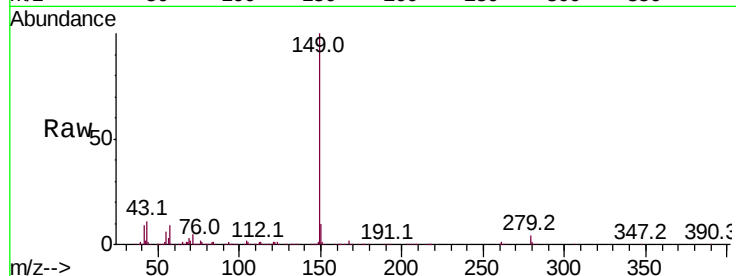
167 1.6 1.3 1.9

43 11.8 10.1 15.1

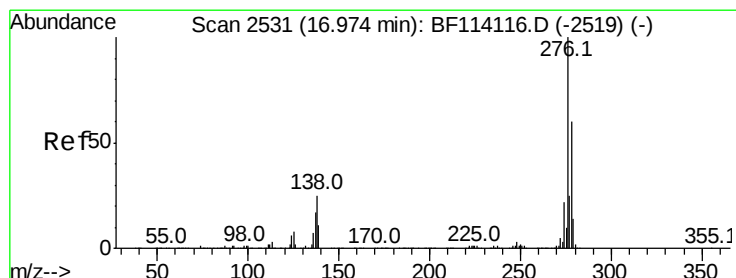
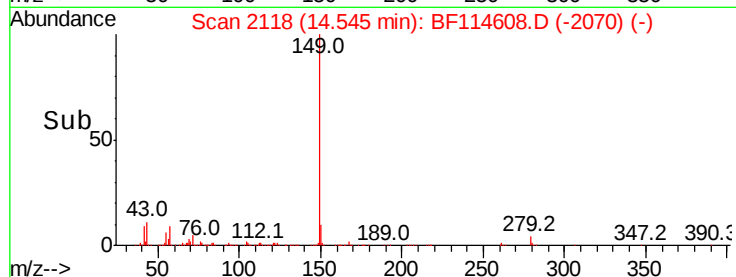
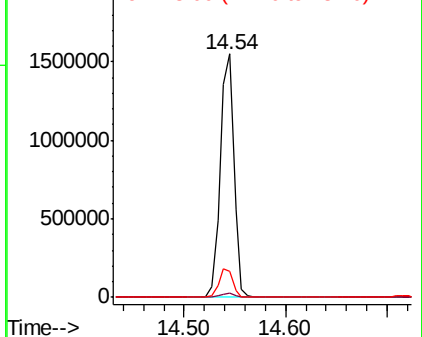
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.169 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

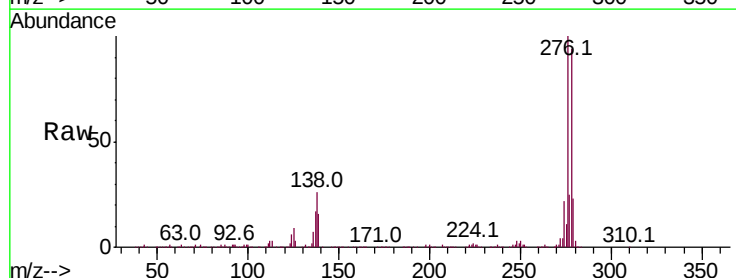
Tgt Ion:276 Resp: 1074922

Ion Ratio Lower Upper

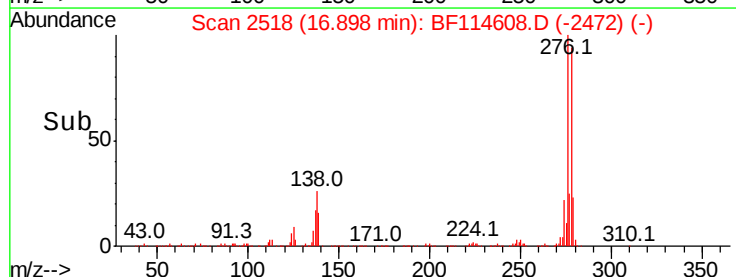
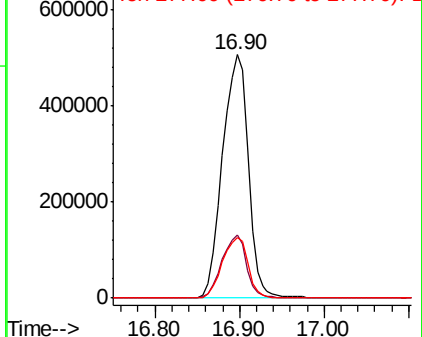
276 100

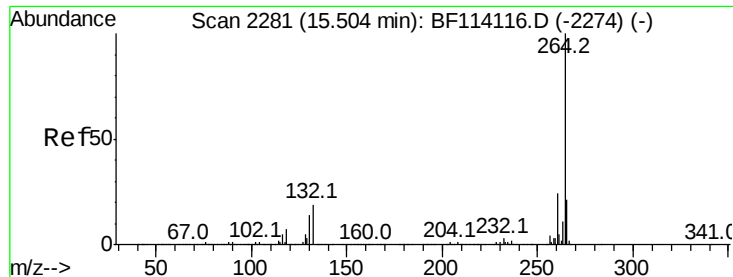
138 24.7 20.2 30.2

277 24.8 20.0 30.0



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Instrument :

BNA_F

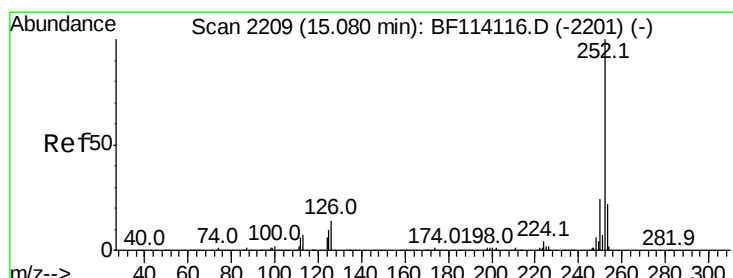
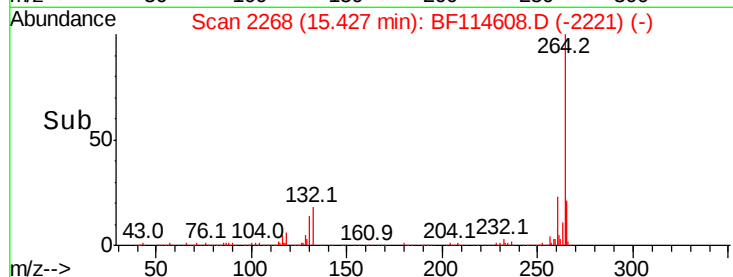
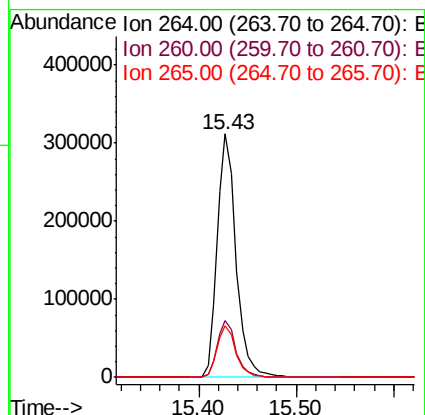
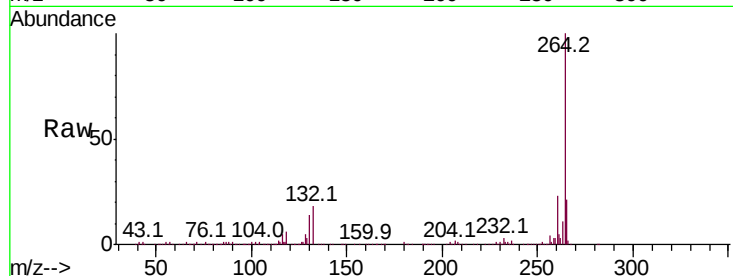
ClientSampleId :

PB119859BS

Tot Ion:	264	Resp:	417803
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.4	29.0
265	21.4	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 43.864 ng

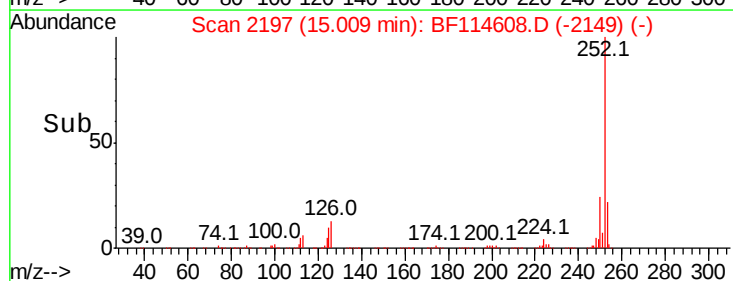
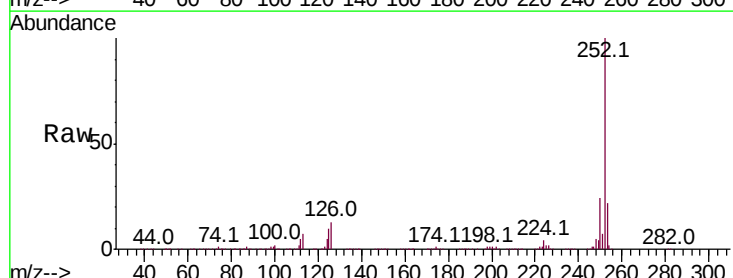
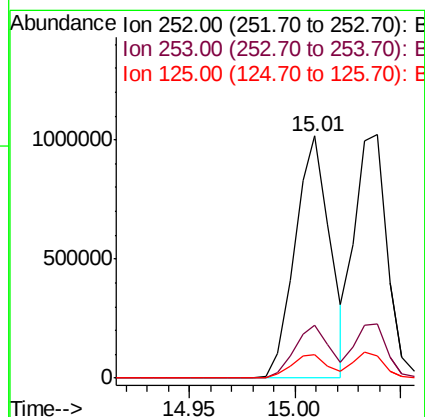
RT: 15.01 min Scan# 2197

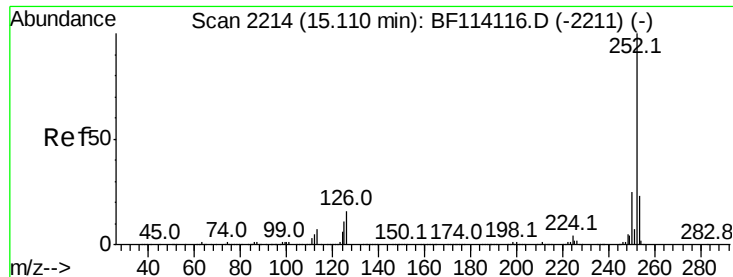
Delta R.T. -0.02 min

Lab File: BF114608.D

Acq: 25 May 2019 17:12

Tgt Ion:	252	Resp:	1174094
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.8
125	9.7	8.3	12.5





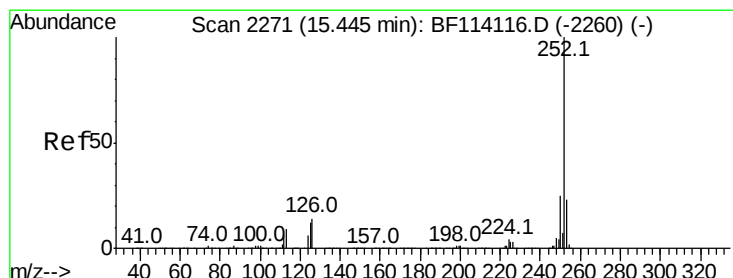
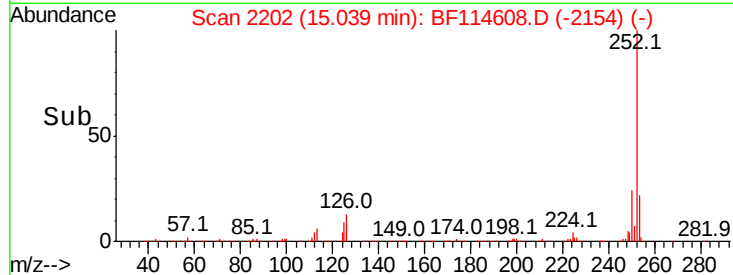
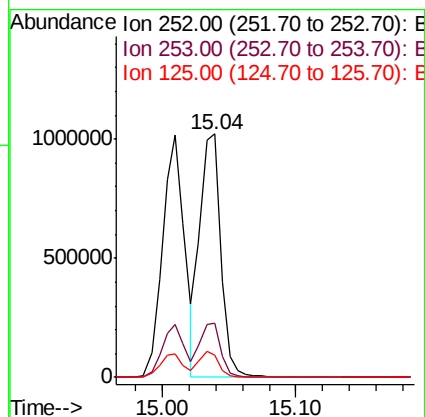
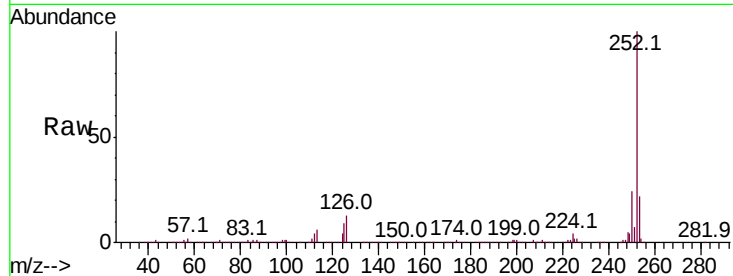
#89
Benzo(k)fluoranthene
Concen: 45.039 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampled :
PB119859BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.1	8.6	13.0

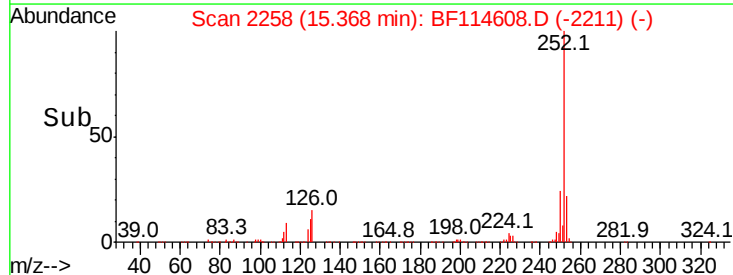
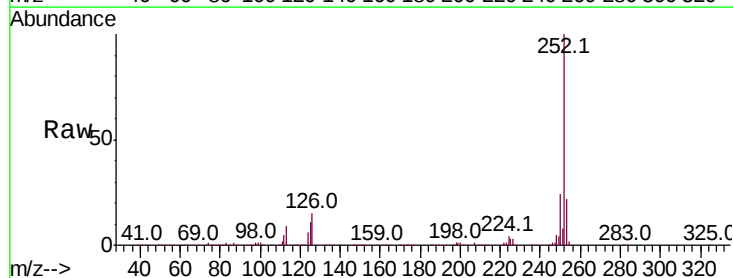
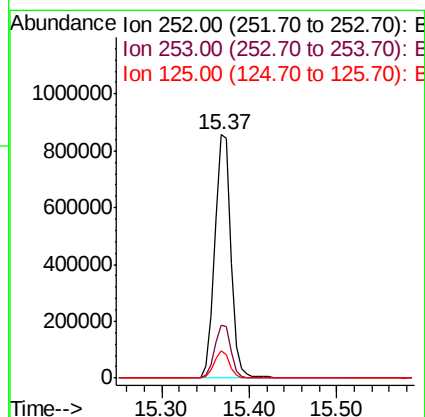
Manual Integrations
APPROVED

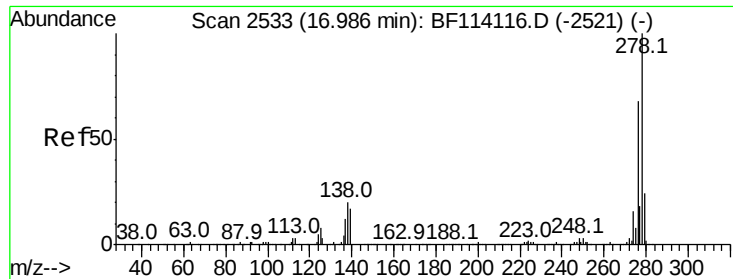
mohammad
5/27/2019 3:49:57 AM



#90
Benzo(a)pyrene
Concen: 46.887 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.1	9.5	14.3





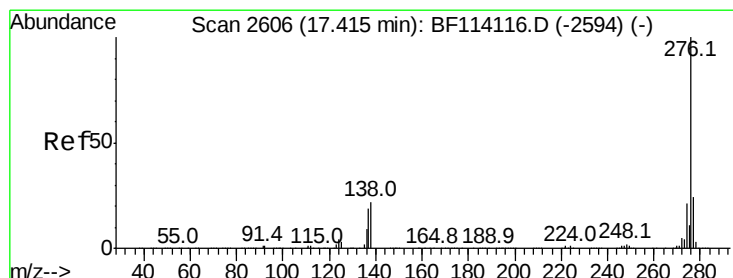
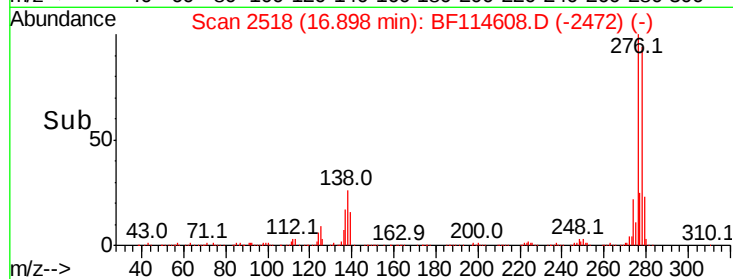
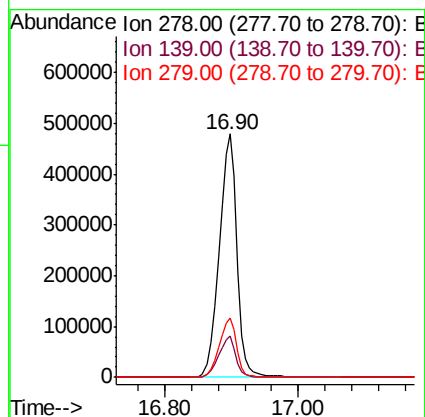
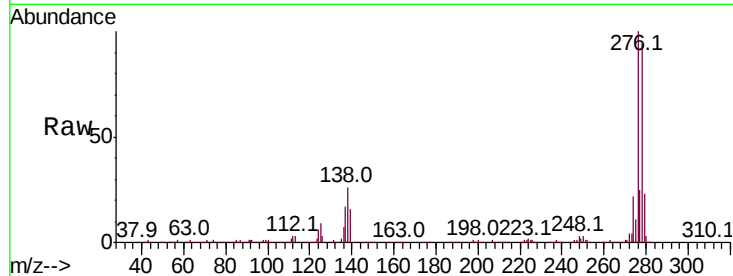
#91
Dibenzo(a,h)anthracene
Concen: 45.583 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.03 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Instrument :
BNA_F
ClientSampleId :
PB119859BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.5	20.3
279	24.4	19.0	28.6

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 46.637 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.04 min
Lab File: BF114608.D
Acq: 25 May 2019 17:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	21.3	17.8	26.6

