

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114625.D
 Acq On : 26 May 2019 2:22
 Operator : JU/SJ
 Sample : PB120038BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:50:37 AM

Quant Time: May 27 01:29:27 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	176847	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	690444	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	329084	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	640948	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	462346	20.00	ng	-0.01
87) Perylene-d12	15.43	264	465211	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1146621	104.34	ng	0.00
7) Phenol-d6	6.45	99	1437002	110.56	ng	-0.01
23) Nitrobenzene-d5	7.37	82	993165	80.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	340893	100.20	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1743208	80.13	ng	-0.02
79) Terphenyl-d14	12.90	244	1785900	79.63	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.60	88	168624	27.916	ng	99
3) Pyridine	3.36	79	443139	26.627	ng	97
4) n-Nitrosodimethylamine	3.30	42	237458	29.588	ng	99
6) Aniline	6.47	93	440111	23.441	ng	# 53
8) 2-Chlorophenol	6.59	128	435825	37.149	ng	96
9) Benzaldehyde	6.36	77	211370	23.230	ng	97
10) Phenol	6.46	94	531232	34.744	ng	87
11) bis(2-Chloroethyl)ether	6.54	93	408081	35.156	ng	97
12) 1,3-Dichlorobenzene	6.74	146	453574	34.443	ng	99
13) 1,4-Dichlorobenzene	6.82	146	464343	34.992	ng	98
14) 1,2-Dichlorobenzene	6.97	146	426021	35.140	ng	98
15) Benzyl Alcohol	6.95	79	339134	33.454	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	734132	32.618	ng	56
17) 2-Methylphenol	7.07	107	342929	35.584	ng	# 91
18) Hexachloroethane	7.30	117	168107	33.749	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	290821	35.301	ng	99
20) 3+4-Methylphenols	7.22	107	443673	39.847	ng	# 73
22) Acetophenone	7.21	105	581090	37.991	ng	# 88
24) Nitrobenzene	7.39	77	450326	35.938	ng	97
25) Isophorone	7.62	82	806523	35.347	ng	99
26) 2-Nitrophenol	7.70	139	233969	38.485	ng	96
27) 2,4-Dimethylphenol	7.75	122	376832	39.466	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	513476	34.683	ng	98
29) 2,4-Dichlorophenol	7.96	162	355968	37.440	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	383454	35.467	ng	98
31) Naphthalene	8.10	128	1227143	38.049	ng	99
32) Benzoic acid	7.90	122	198908m	31.963	ng	
33) 4-Chloroaniline	8.16	127	321912	21.903	ng	99
34) Hexachlorobutadiene	8.22	225	212412	34.529	ng	99
35) Caprolactam	8.53	113	115847m	37.367	ng	
36) 4-Chloro-3-methylphenol	8.66	107	369131	38.570	ng	98
37) 2-Methylnaphthalene	8.80	142	816010	39.215	ng	97
38) 1-Methylnaphthalene	8.90	142	772390	39.416	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	370106	37.127	ng	99

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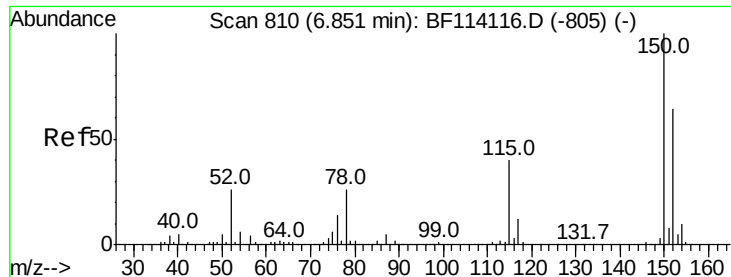
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Quant Time: May 27 01:29:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	169993	38.949	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	222939	32.514	ng	97
44) 2,4,5-Trichlorophenol	9.13	196	228363	32.475	ng	95
46) 1,1'-Biphenyl	9.26	154	998948	37.575	ng	97
47) 2-Chloronaphthalene	9.29	162	760541	35.546	ng	98
48) 2-Nitroaniline	9.39	65	252709	33.304	ng	92
49) Acenaphthylene	9.70	152	1191600	36.618	ng	98
50) Dimethylphthalate	9.56	163	842744	34.885	ng	99
51) 2,6-Dinitrotoluene	9.63	165	189601	35.385	ng	93
52) Acenaphthene	9.87	154	699090	35.009	ng	99
53) 3-Nitroaniline	9.80	138	150410	22.613	ng	98
54) 2,4-Dinitrophenol	9.93	184	153697	58.981	ng	93
55) Dibenzofuran	10.05	168	1010835	34.521	ng	99
56) 4-Nitrophenol	9.99	139	189504	40.288	ng	98
57) 2,4-Dinitrotoluene	10.05	165	237941	32.717	ng	# 78
58) Fluorene	10.39	166	832488	36.807	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	197582	32.565	ng	99
60) Diethylphthalate	10.26	149	841099	34.266	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	397750	35.806	ng	96
62) 4-Nitroaniline	10.42	138	204894	29.315	ng	96
63) Azobenzene	10.54	77	819148	34.477	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	106823	34.685	ng	100
66) n-Nitrosodiphenylamine	10.50	169	740530	38.068	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	247191	35.027	ng	98
68) Hexachlorobenzene	10.95	284	264042	33.821	ng	94
69) Atrazine	11.02	200	217878	35.991	ng	98
70) Pentachlorophenol	11.15	266	162762	43.979	ng	97
71) Phenanthrene	11.35	178	1172551	37.602	ng	99
72) Anthracene	11.40	178	1216907	38.853	ng	99
73) Carbazole	11.56	167	1149997	38.504	ng	98
74) Di-n-butylphthalate	11.88	149	1298486	37.737	ng	99
75) Fluoranthene	12.54	202	1282116	38.181	ng	98
77) Benzidine	12.66	184	629405	30.327	ng	98
78) Pyrene	12.77	202	1297794	34.893	ng	99
80) Butylbenzylphthalate	13.37	149	578603	36.959	ng	99
81) Benzo(a)anthracene	13.96	228	1102193	36.857	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	321518	27.715	ng	97
83) Chrysene	14.00	228	1088162	37.120	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	775185	37.860	ng	98
85) Di-n-octyl phthalate	14.54	149	1277948	38.503	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	1015010	39.178	ng	100
88) Benzo(b)fluoranthene	15.00	252	1116740	37.469	ng	100
89) Benzo(k)fluoranthene	15.03	252	973562	35.560	ng	99
90) Benzo(a)pyrene	15.37	252	986399	37.606	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	850081	39.002	ng	99
92) Benzo(g,h,i)perylene	17.33	276	870460	39.851	ng	99

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



#1

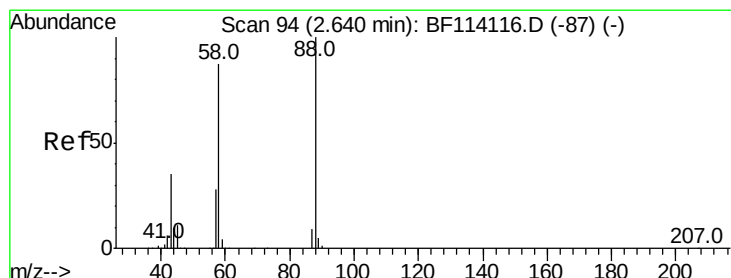
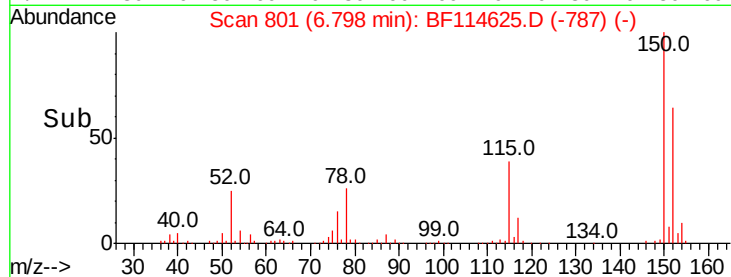
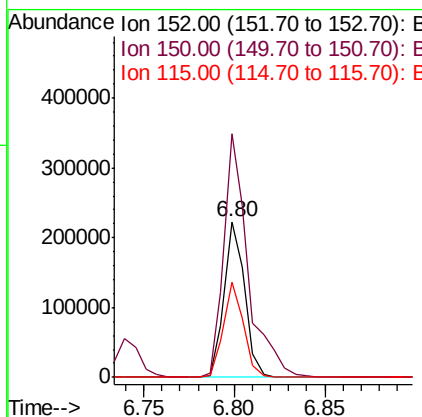
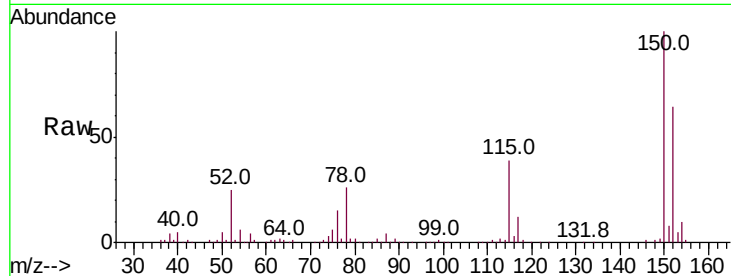
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.3	186.5
115	61.2	49.1	73.7

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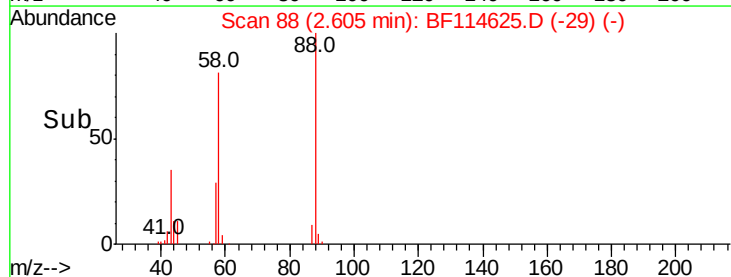
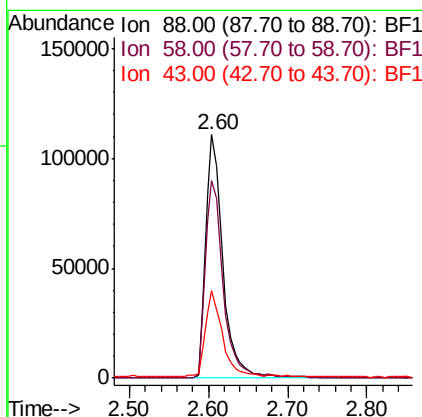
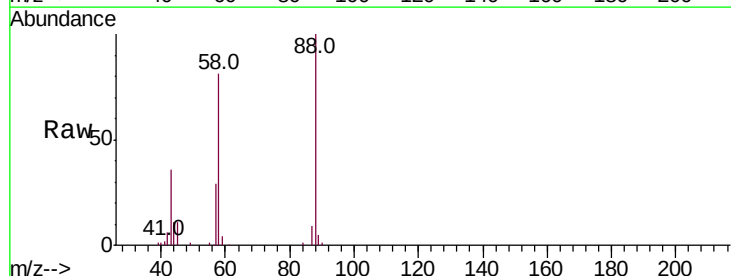
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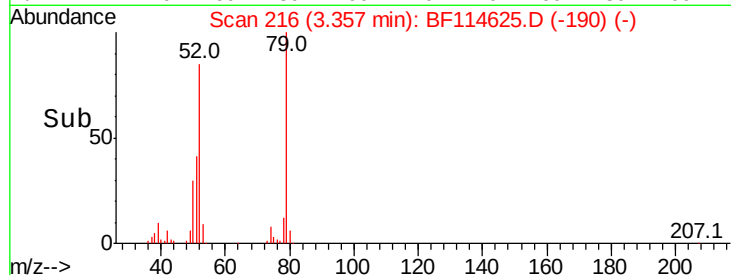
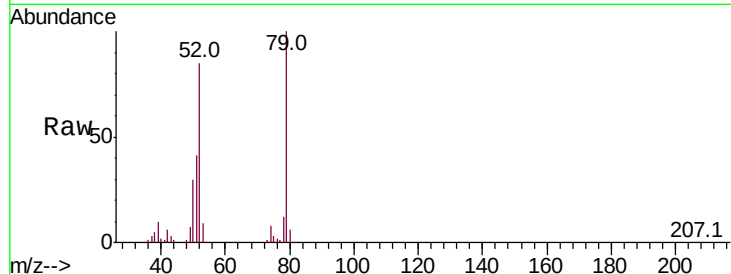
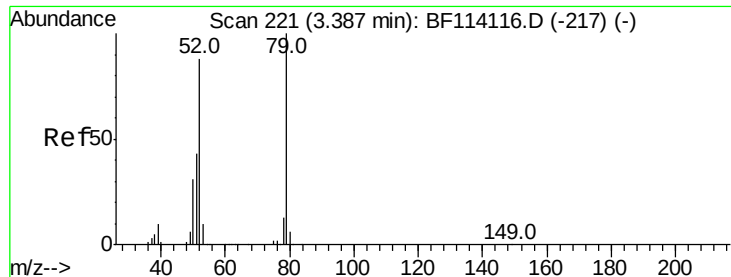


#2

1,4-Dioxane
Concen: 27.916 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.05 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	68.7	103.1
43	34.1	28.2	42.2





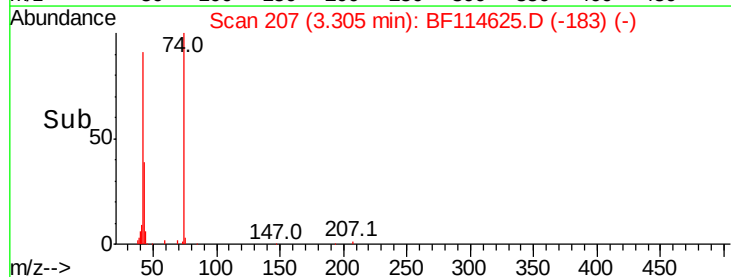
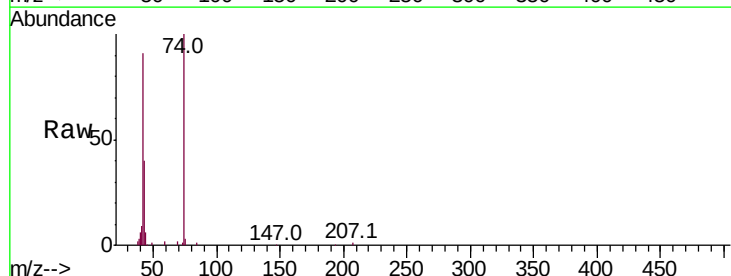
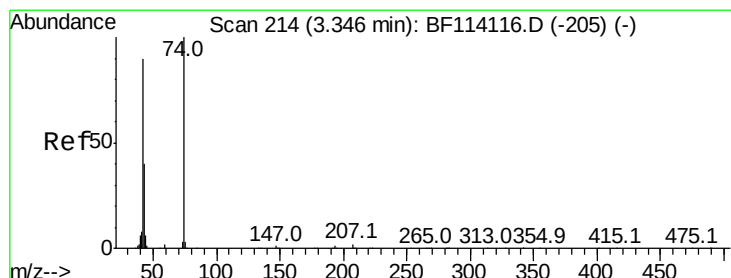
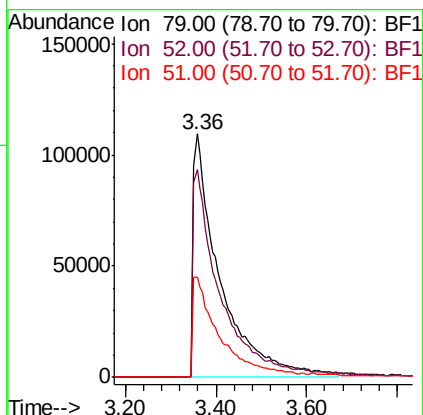
#3
 Pvridine
 Concen: 26.627 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.05 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.3	70.6	105.8
51	41.3	34.2	51.2

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

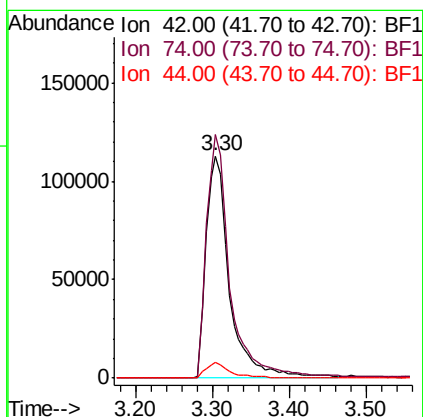
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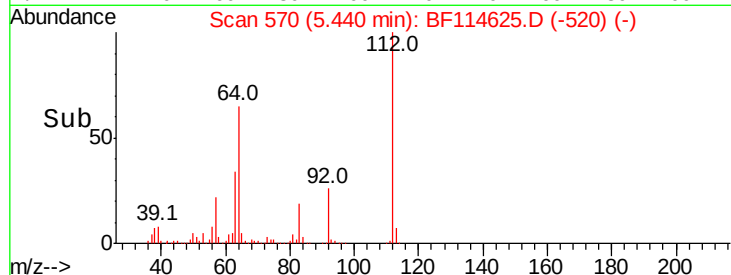
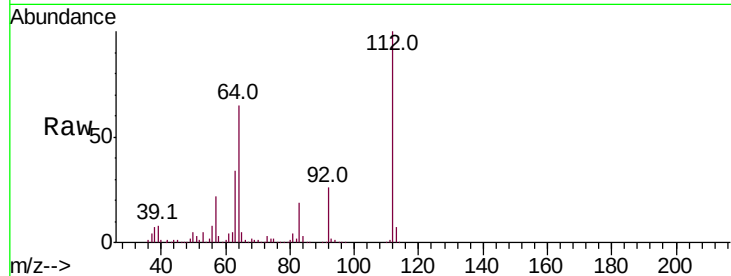
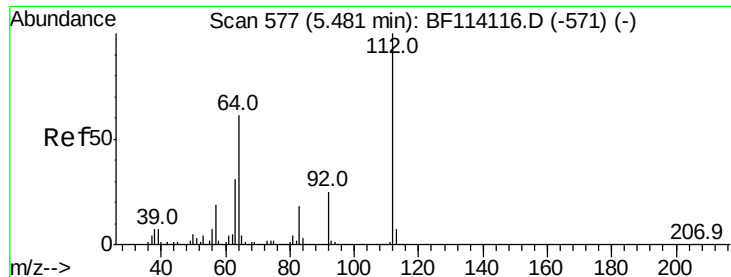
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#4
 n-Nitrosodimethylamine
 Concen: 29.588 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.04 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.4	88.6	132.8
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 104.340 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

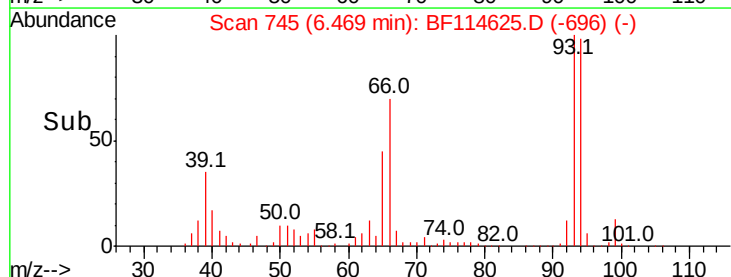
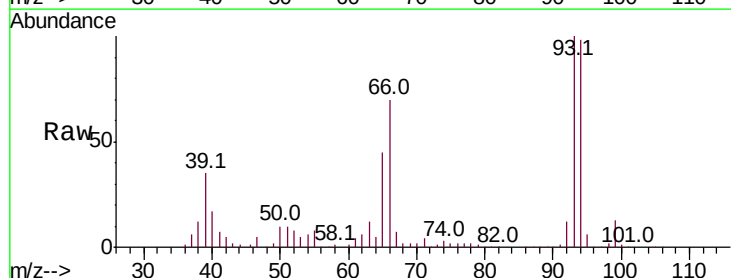
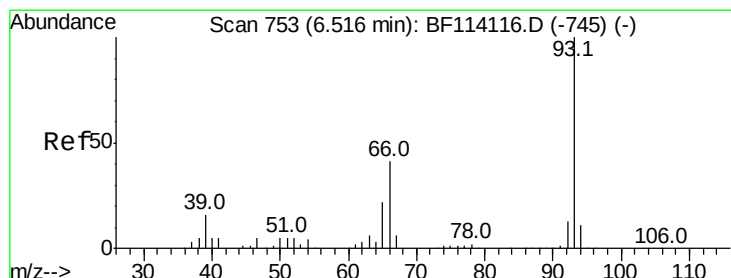
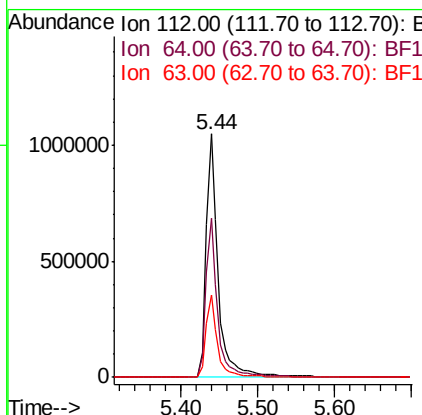
ClientSampled :

PB120038BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	65.1	49.0	73.6
63	34.1	24.6	37.0

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#6

Aniline

Concen: 23.441 ng

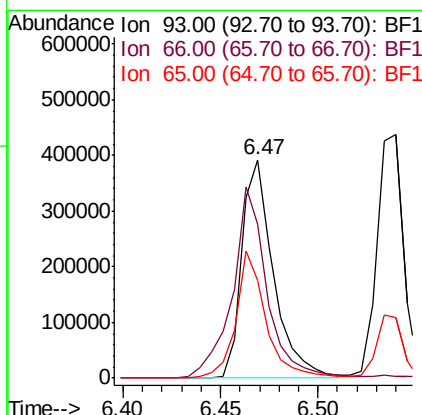
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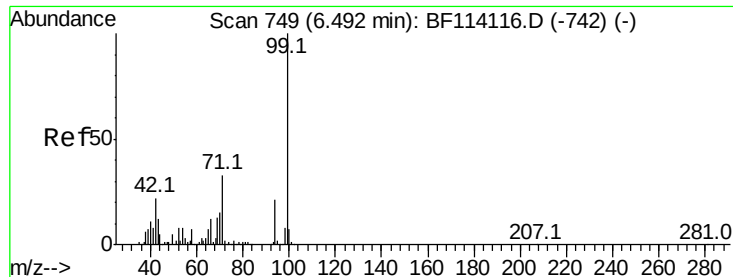
Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
93	100		
66	70.3	33.2	49.8#
65	45.0	17.6	26.4#





#7

Phenol-d6

Concen: 110.561 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

Tot Ion: 99 Resp: 1437002

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

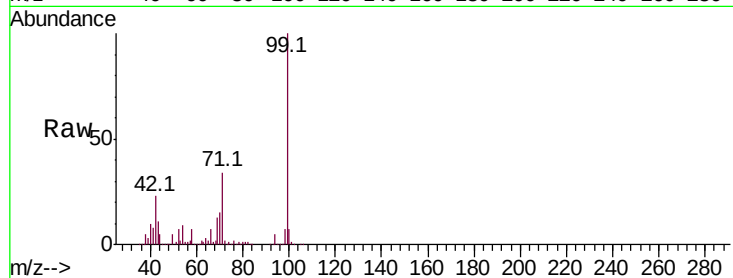
71 34.3 26.2 39.2

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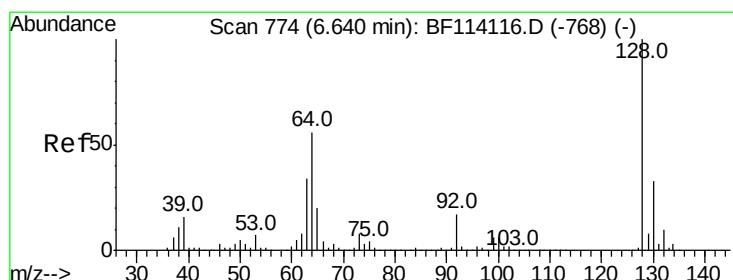
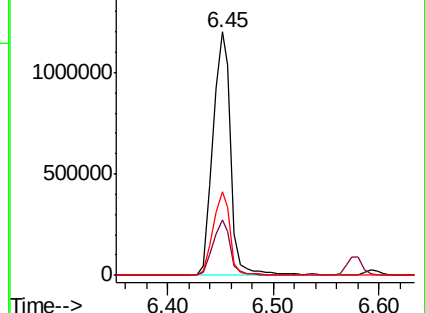
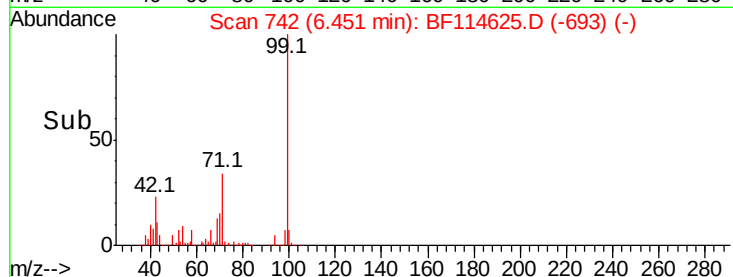
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.149 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

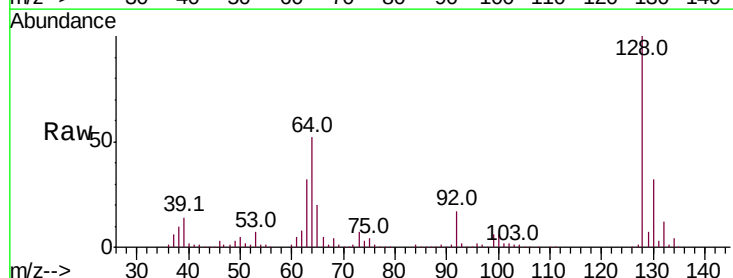
Tgt Ion: 128 Resp: 435825

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

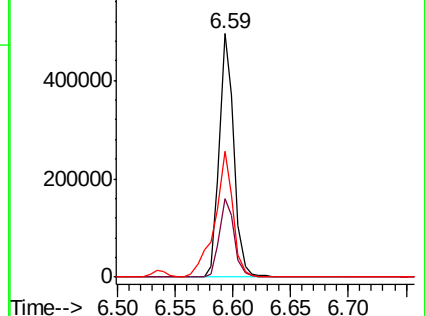
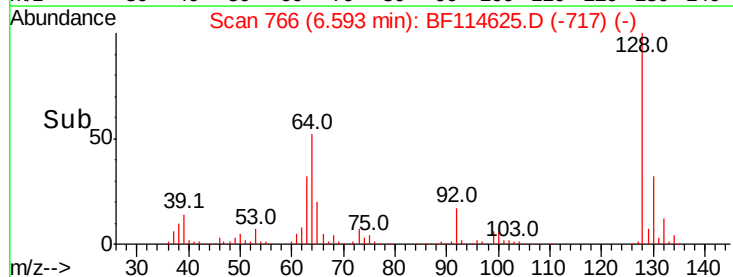
64 51.5 35.9 75.9

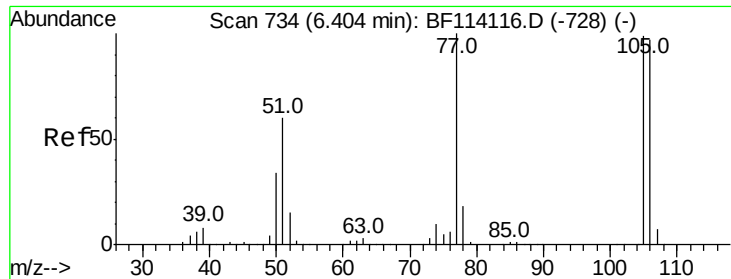


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.230 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

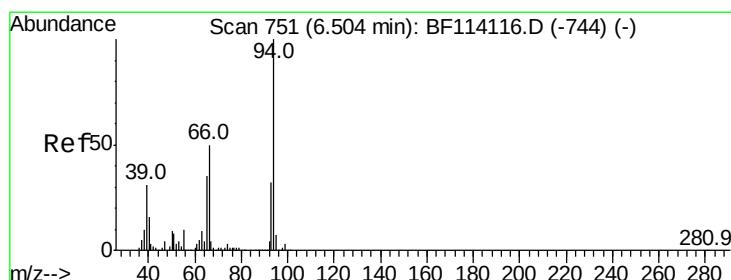
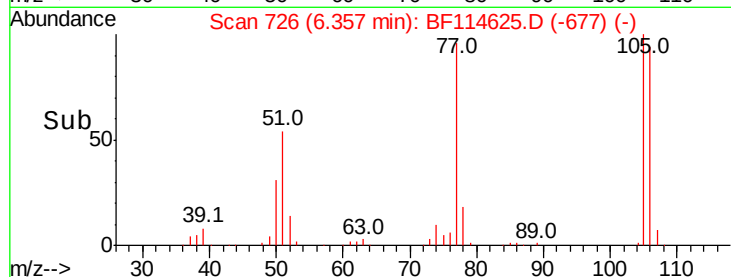
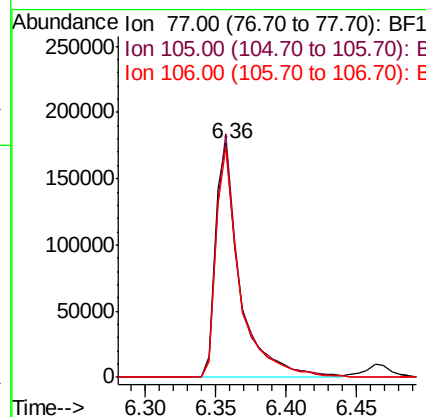
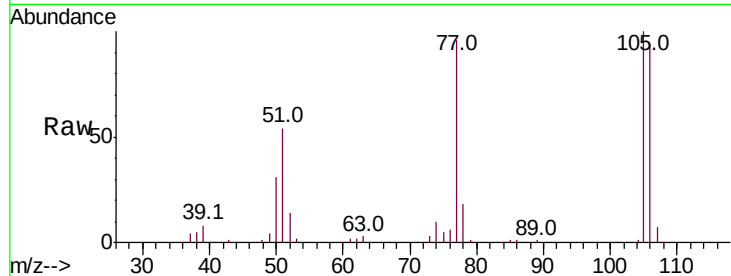
ClientSampleId :

PB120038BS

Tot Ion:	77	Resp:	211370
Ion Ratio	Lower	Upper	
77	100		
105	103.8	79.3	119.3
106	97.8	77.0	117.0

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#10

Phenol

Concen: 34.744 ng

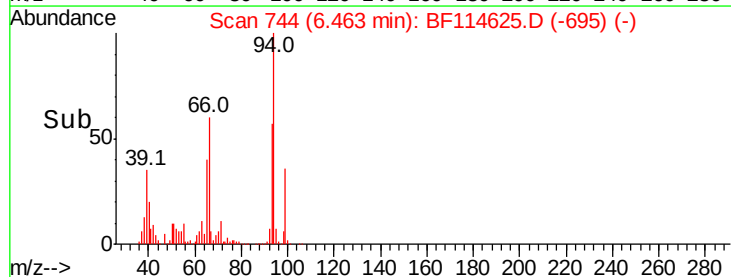
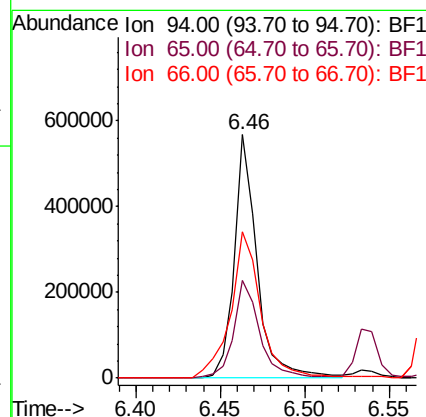
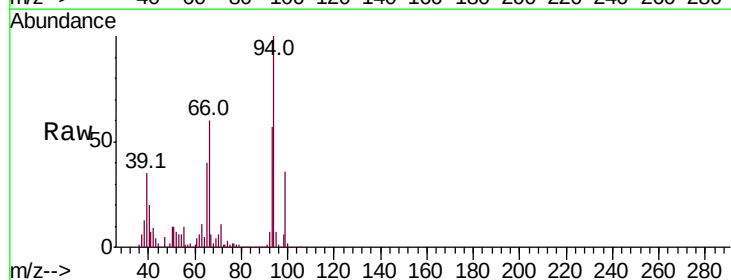
RT: 6.46 min Scan# 744

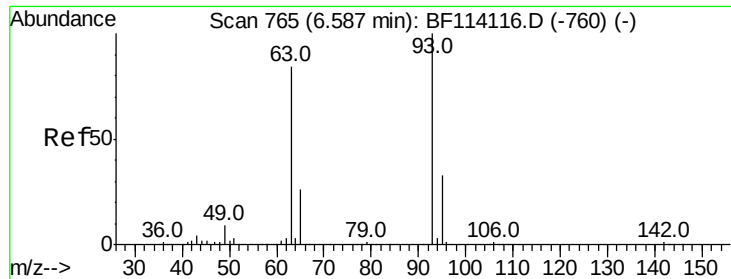
Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Tgt Ion:	94	Resp:	531232
Ion Ratio	Lower	Upper	
94	100		
65	40.2	14.7	54.7
66	60.3	29.6	69.6





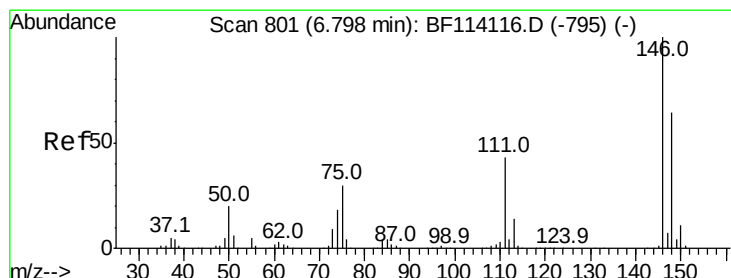
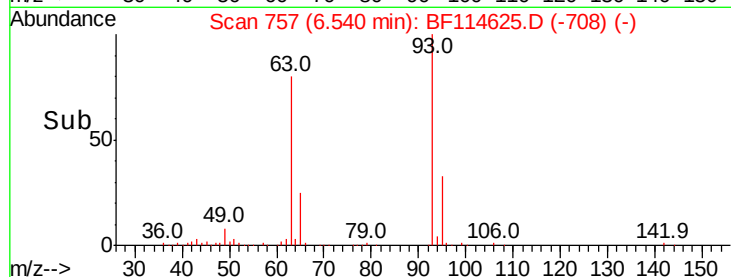
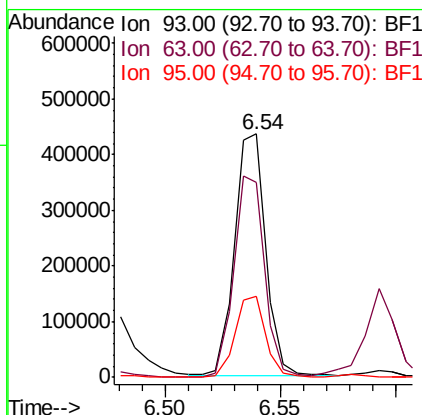
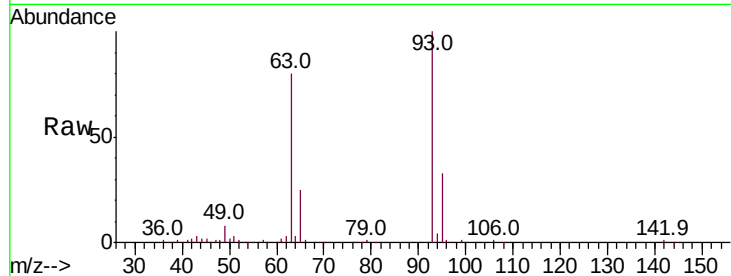
#11
bis(2-Chloroethyl)ether
Concen: 35.156 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.1	63.6	103.6
95	33.5	13.1	53.1

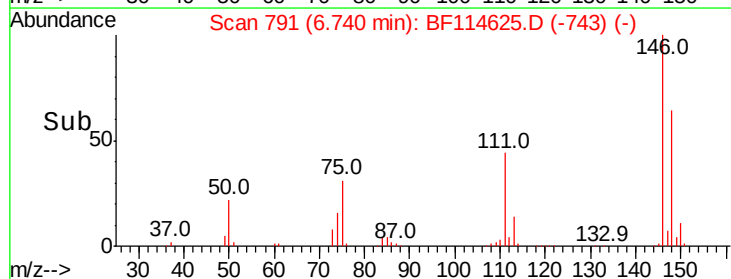
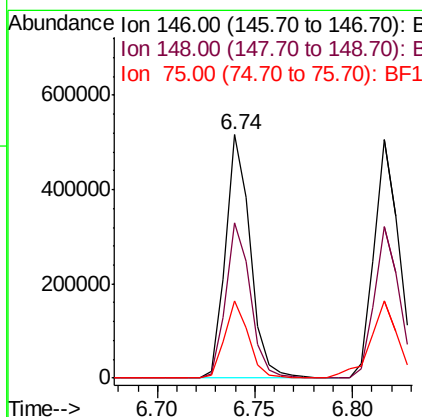
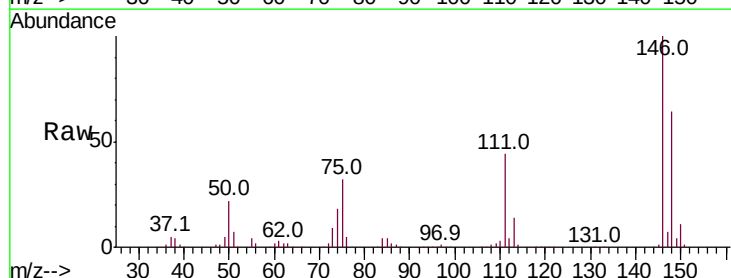
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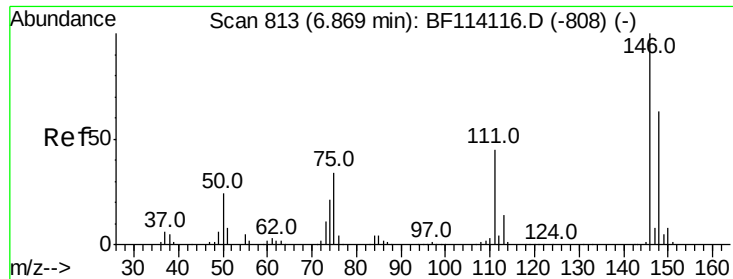
mohammad
5/27/2019 3:50:37 AM



#12
1,3-Dichlorobenzene
Concen: 34.443 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
75	31.6	24.2	36.2





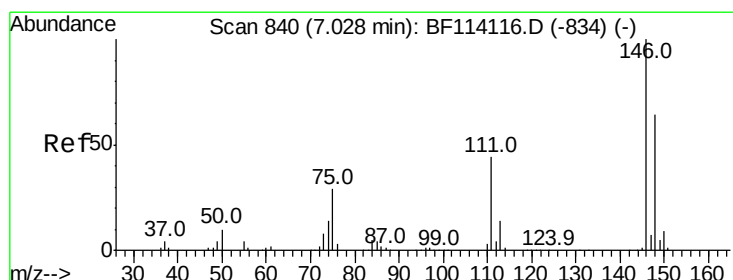
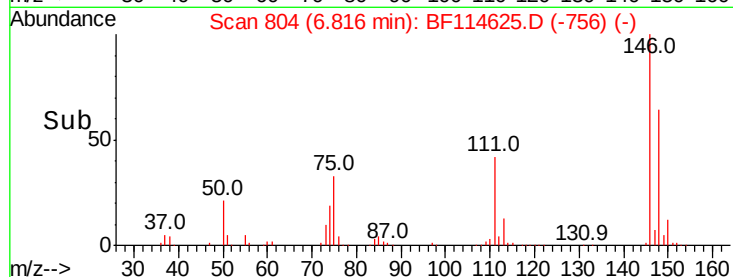
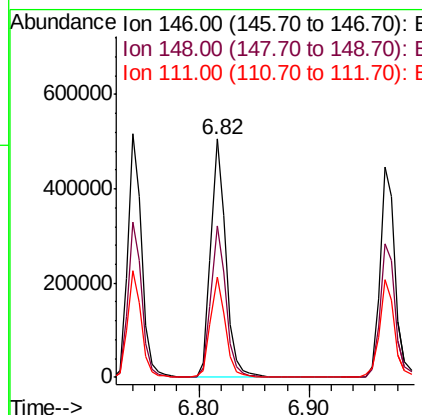
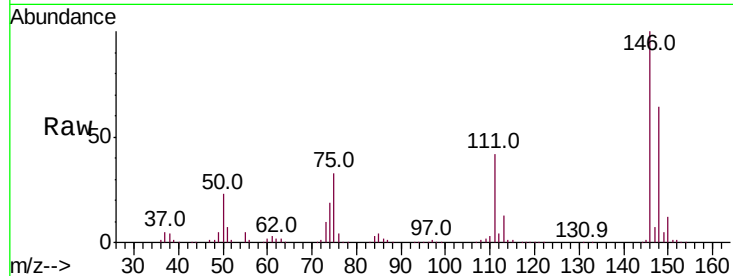
#13
 1,4-Dichlorobenzene
 Concen: 34.992 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.2	75.2
111	42.4	35.8	53.6

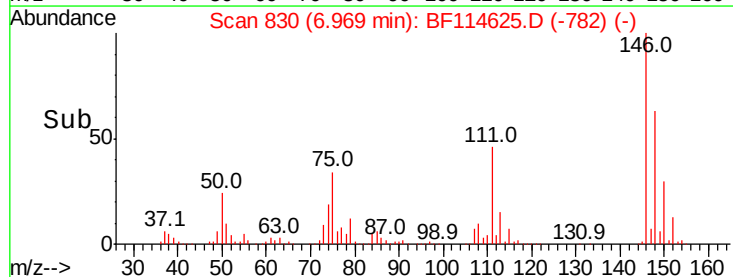
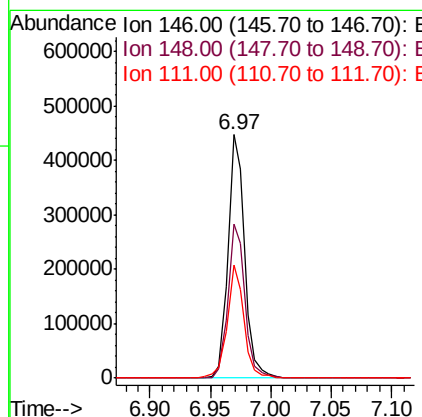
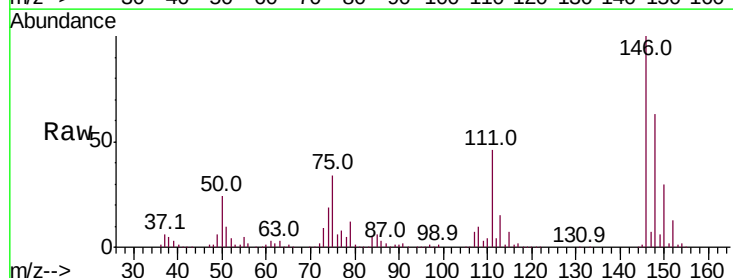
Manual Integrations
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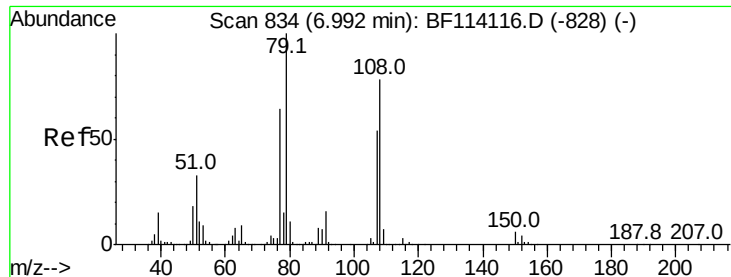
mohammad
 5/27/2019 3:50:37 AM



#14
 1,2-Dichlorobenzene
 Concen: 35.140 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	46.3	35.3	52.9





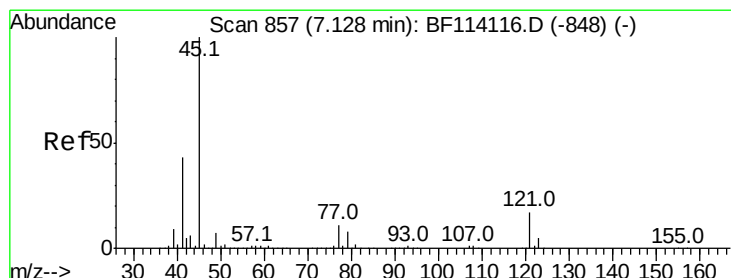
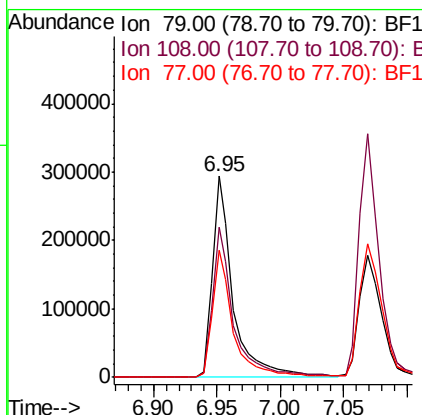
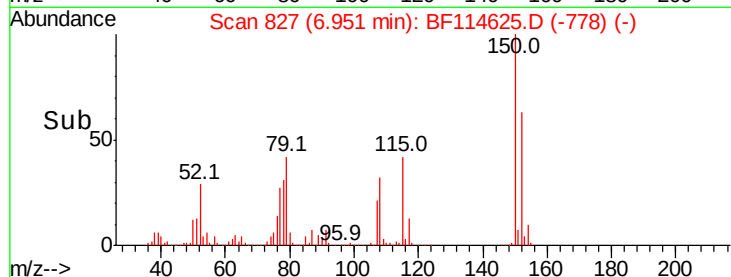
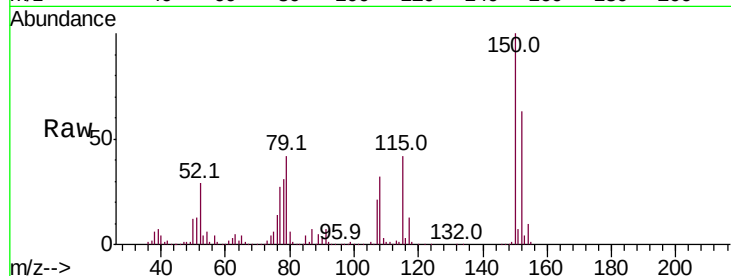
#15
Benzyl Alcohol
Concen: 33.454 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.7	62.1	93.1
77	63.2	51.0	76.6

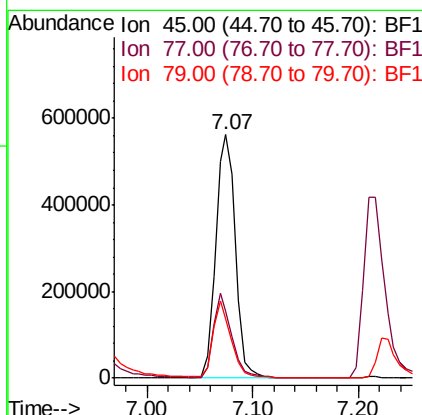
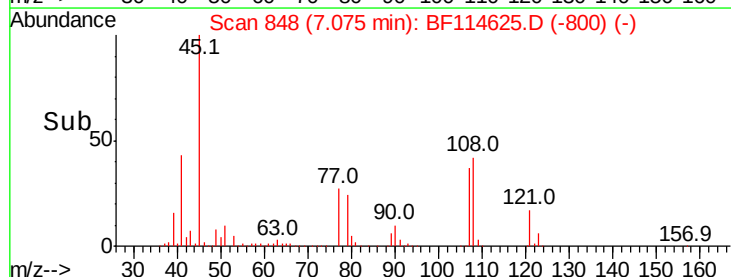
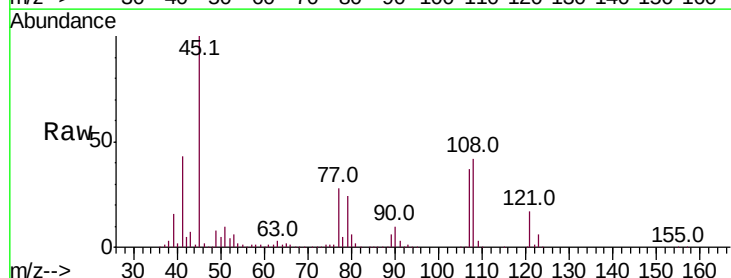
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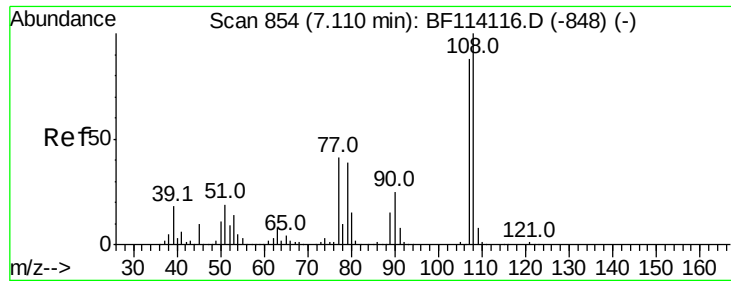
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.618 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.5	0.0	31.1
79	24.3	0.0	28.4





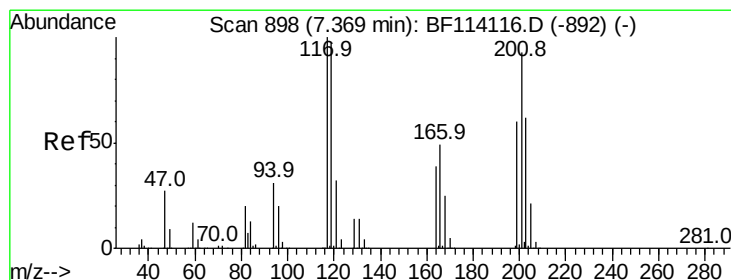
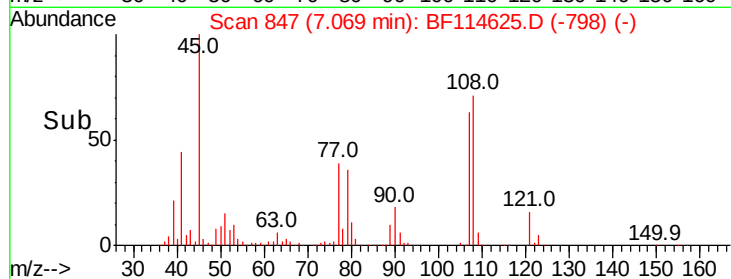
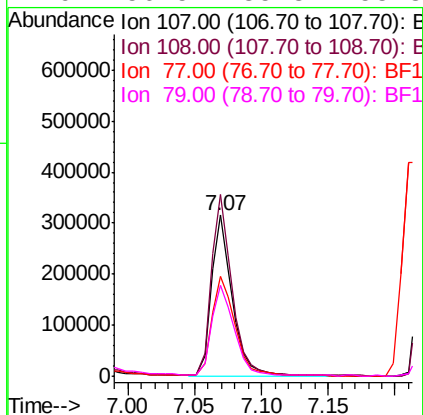
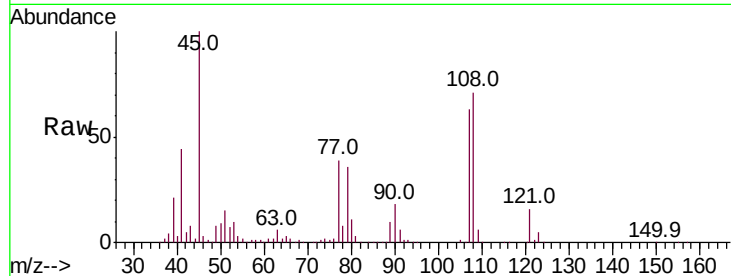
#17
2-Methylphenol
Concen: 35.584 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	90.5	135.7	
77	61.8	37.0	55.4	
79	56.5	35.8	53.8	

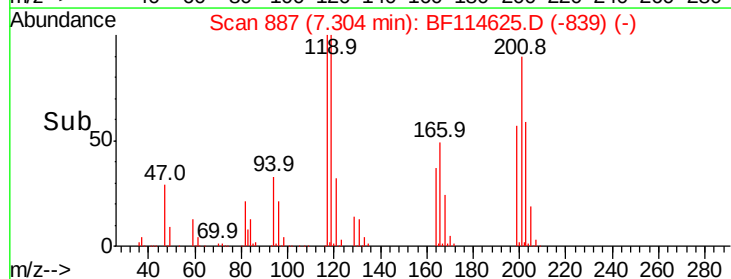
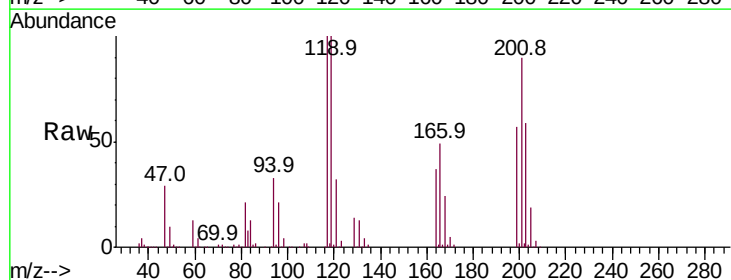
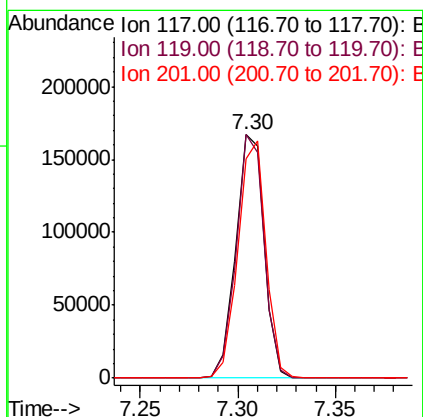
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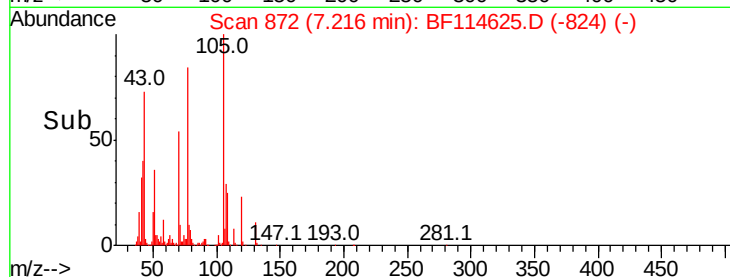
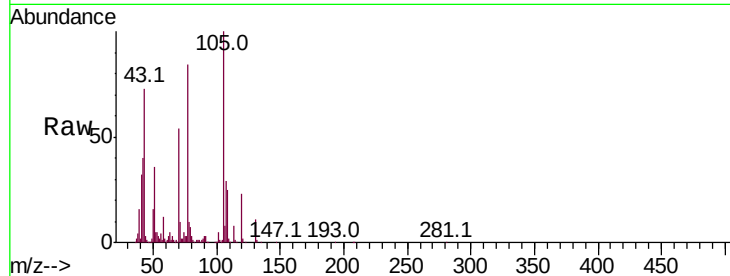
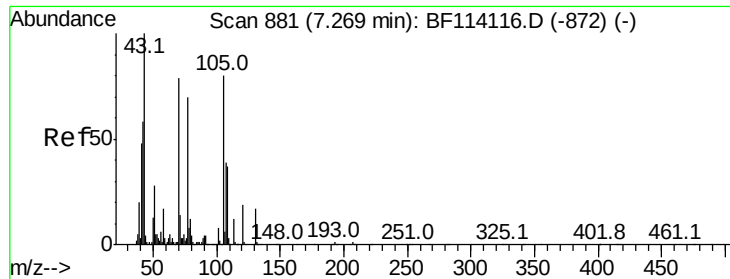
mohammad
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#18
Hexachloroethane
Concen: 33.749 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.2	77.4	116.2	
201	90.2	74.5	111.7	





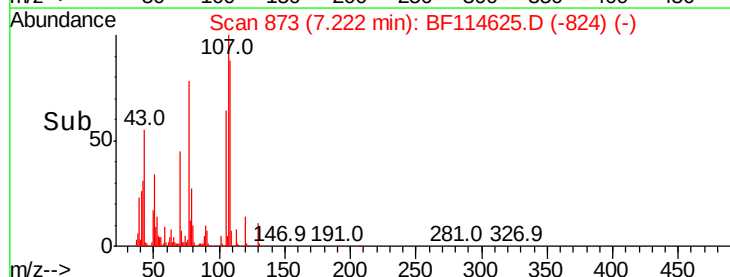
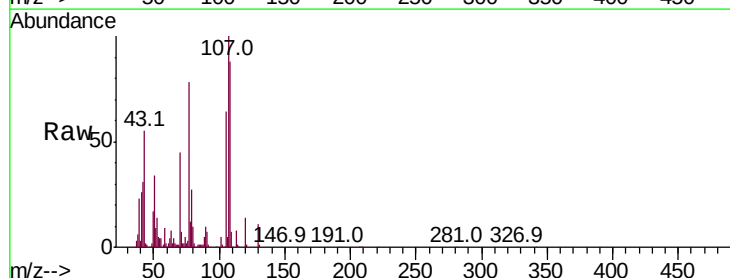
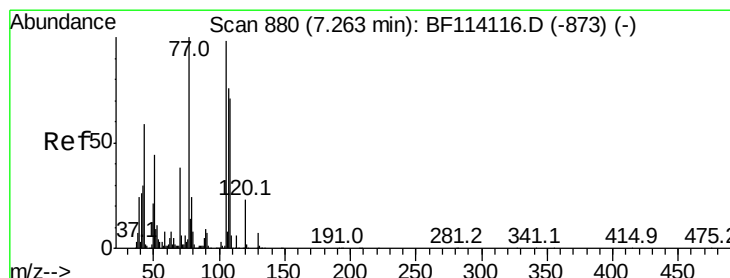
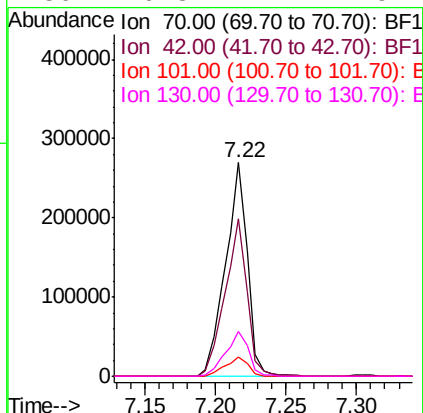
#19
n-Nitroso-di-n-propylamine
Concen: 35.301 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

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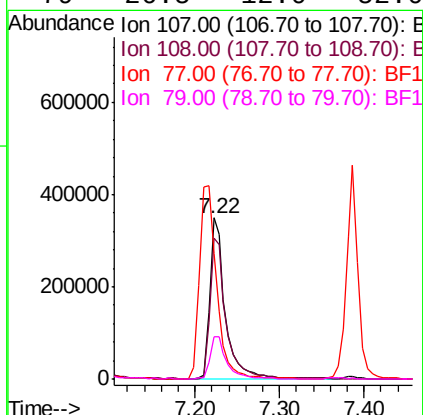
mohammad
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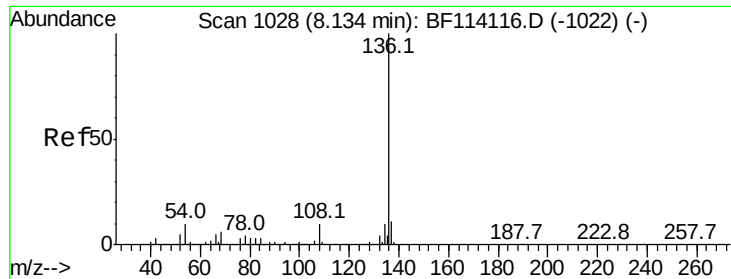
Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	74.0	58.6	87.8	
101	9.1	7.8	11.8	
130	20.8	17.1	25.7	



#20
3+4-Methylphenols
Concen: 39.847 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.6	73.8	113.8	
77	78.3	111.5	151.5	
79	26.5	12.0	52.0	





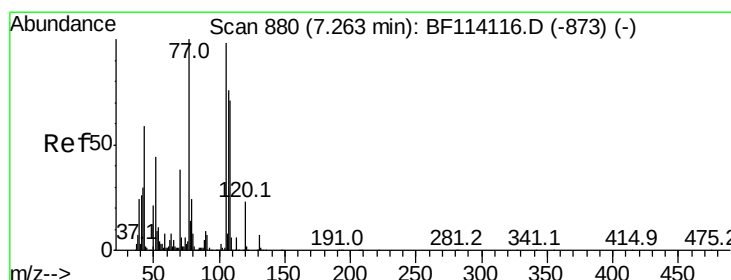
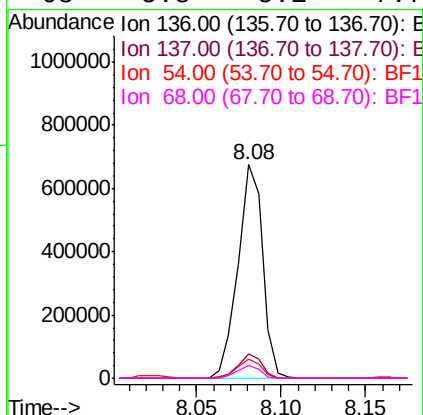
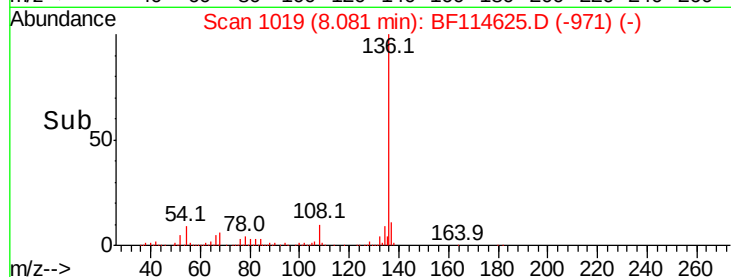
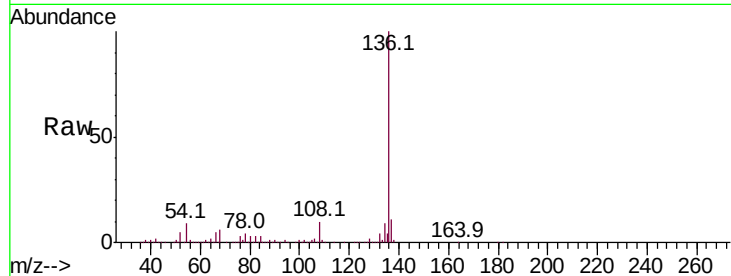
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampled :
PB120038BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	690444		
137	11.4		8.8	13.2
54	9.1		7.8	11.8
68	5.8		5.1	7.7

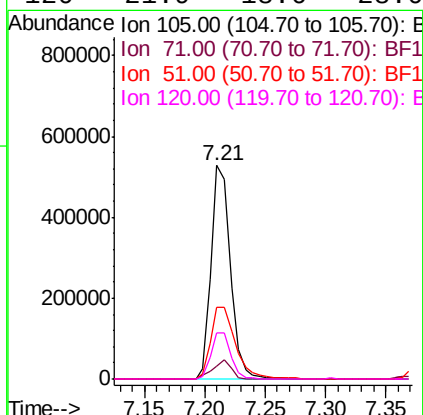
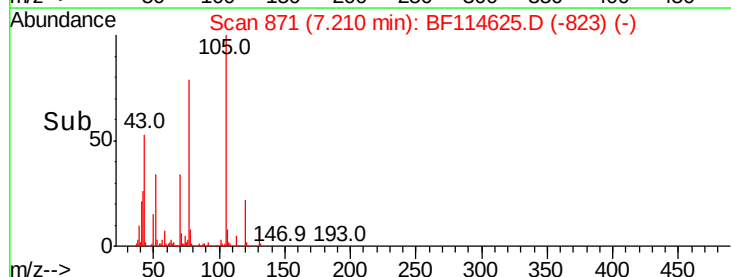
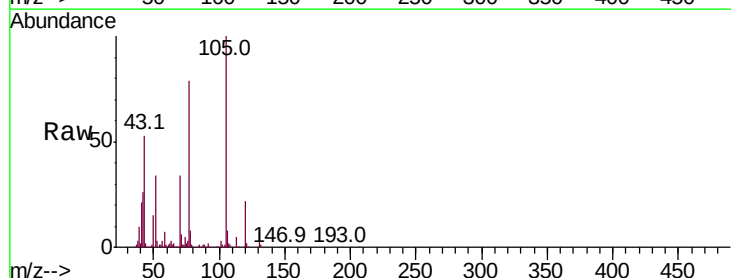
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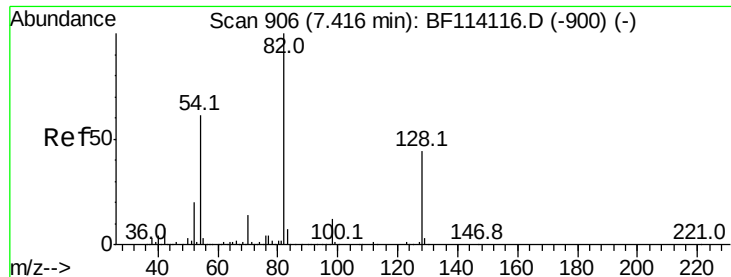
mohammad
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#22
Acetophenone
Concen: 37.991 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	581090		
71	5.7		5.3	7.9
51	33.8		36.2	54.4#
120	21.9		18.6	28.0





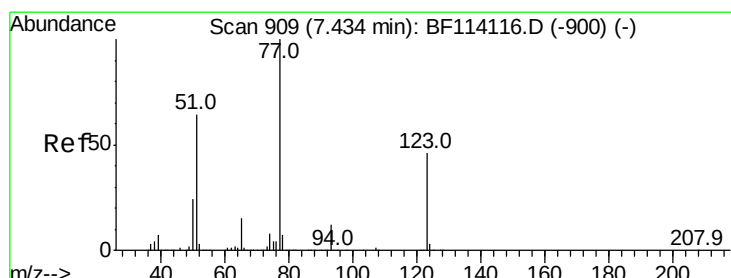
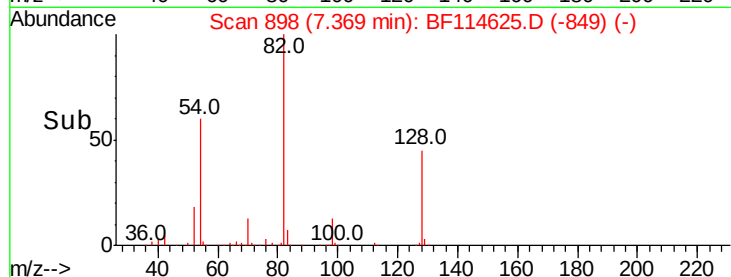
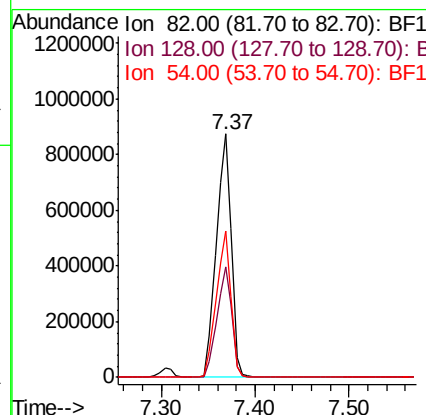
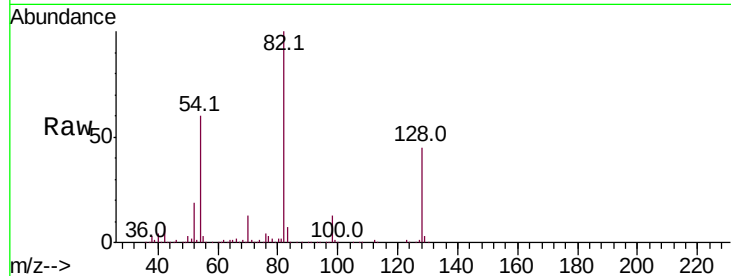
#23
 Nitrobenzene-d5
 Concen: 80.726 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.5	53.3
54	60.2	48.5	72.7

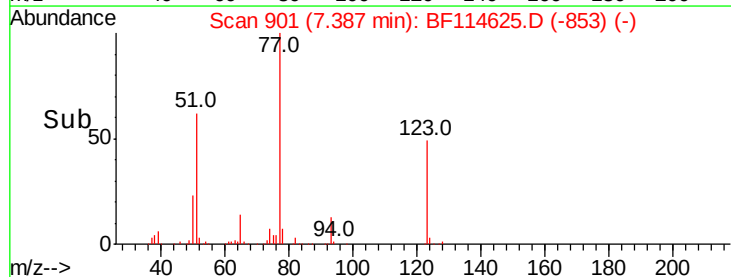
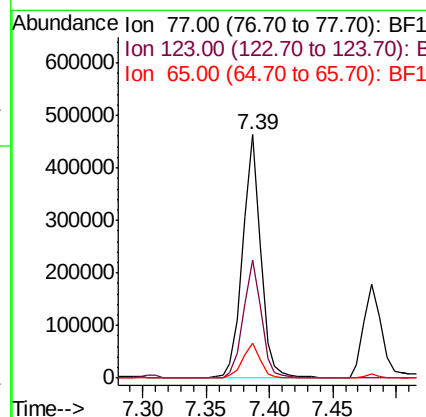
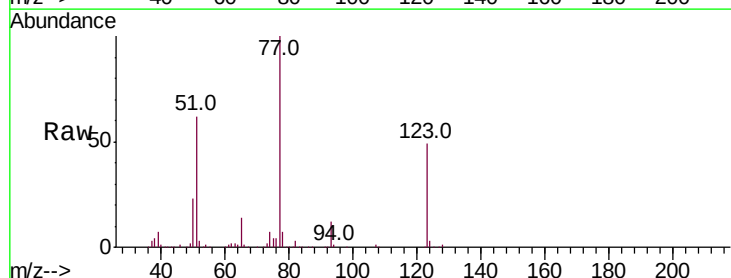
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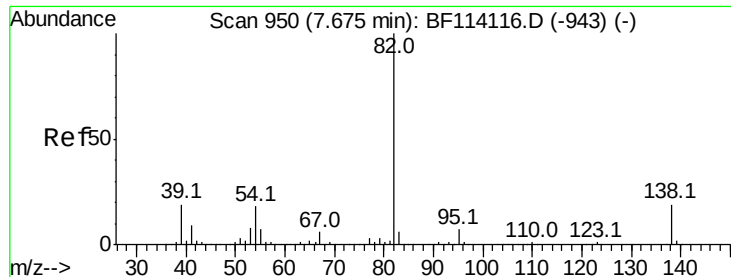
mohammad
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#24
 Nitrobenzene
 Concen: 35.938 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	36.9	55.3
65	14.4	11.8	17.6





#25

Isophorone

Concen: 35.347 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

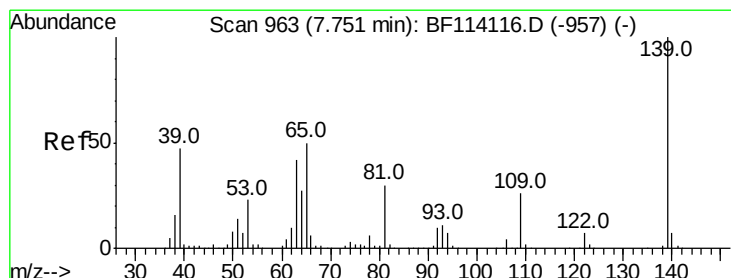
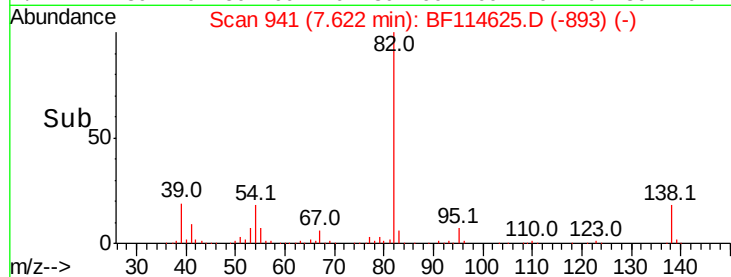
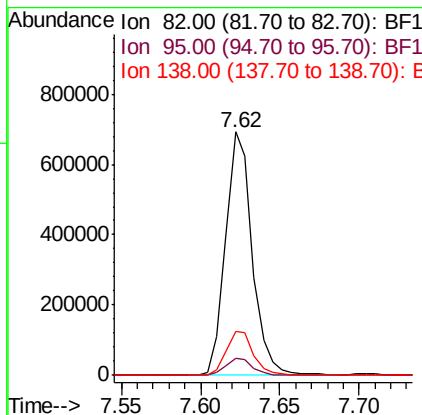
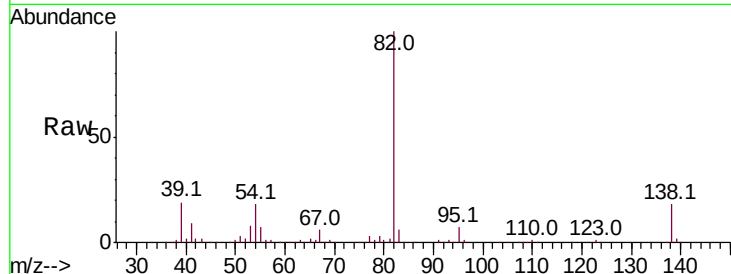
ClientSampleId :

PB120038BS

Tot Ion:	82	Resp:	806523
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	17.8	14.8	22.2

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#26

2-Nitrophenol

Concen: 38.485 ng

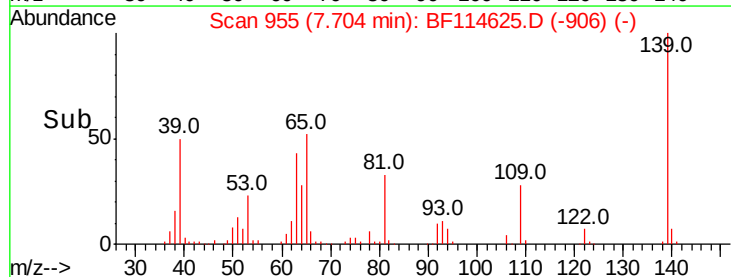
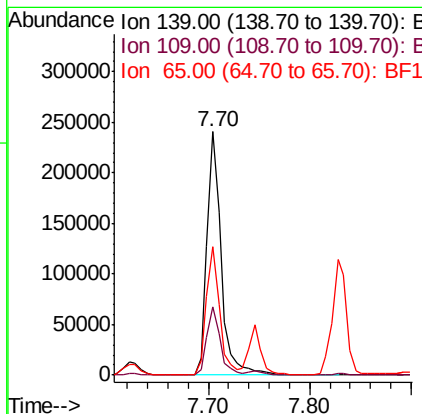
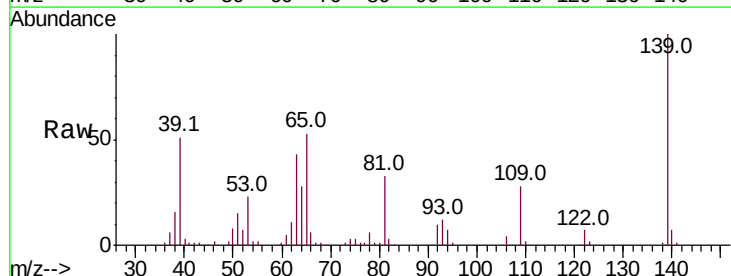
RT: 7.70 min Scan# 955

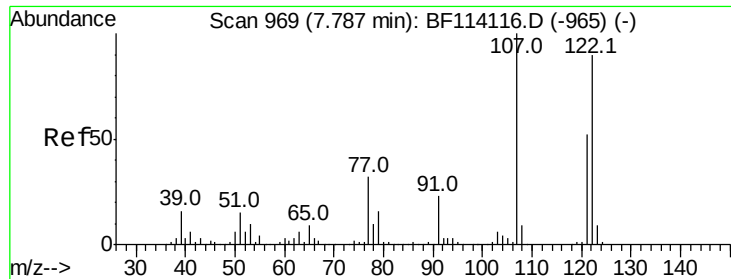
Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Tgt Ion:	139	Resp:	233969
Ion Ratio	Lower	Upper	
139	100		
109	28.3	20.7	31.1
65	52.7	40.2	60.2





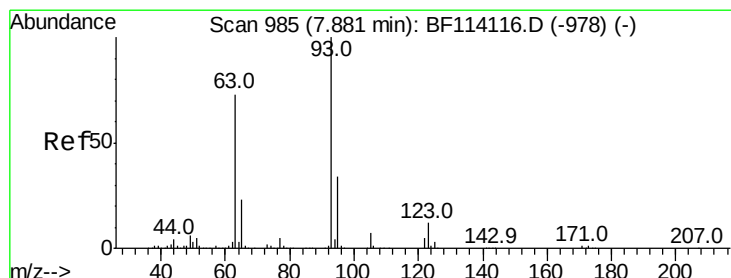
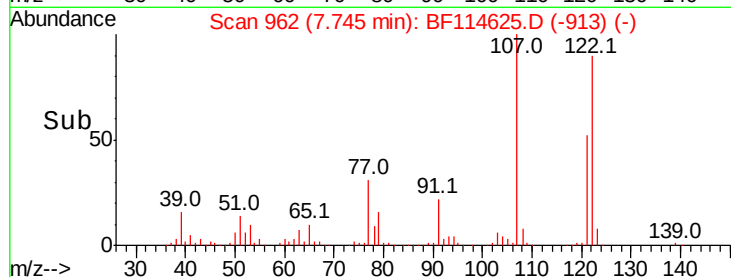
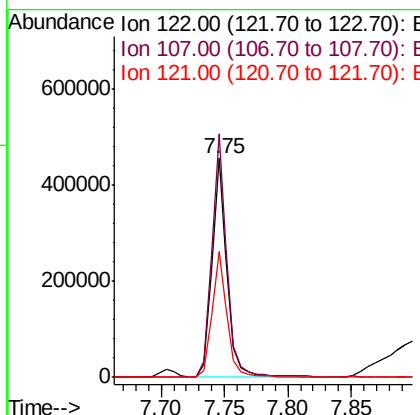
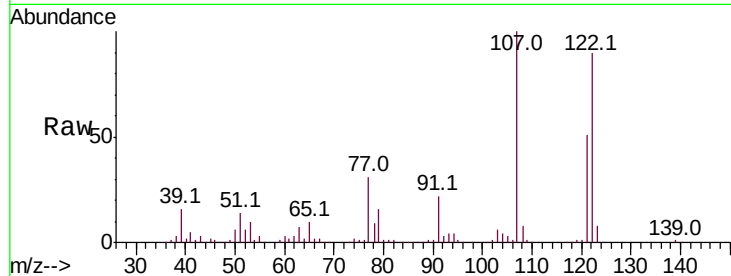
#27
 2,4-Dimethylphenol
 Concen: 39.466 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	88.4	132.6
121	57.3	45.9	68.9

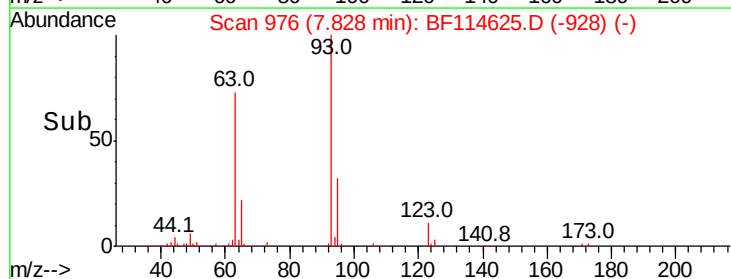
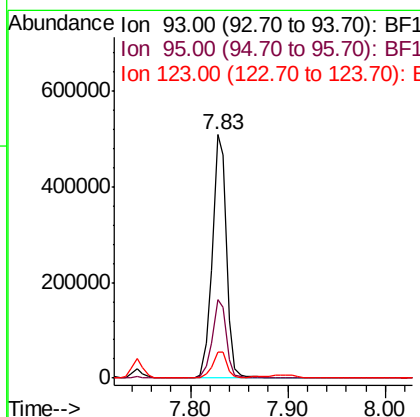
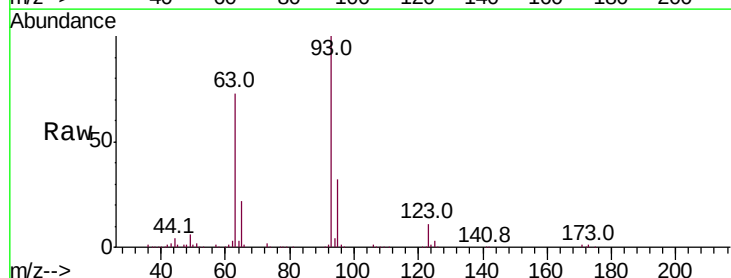
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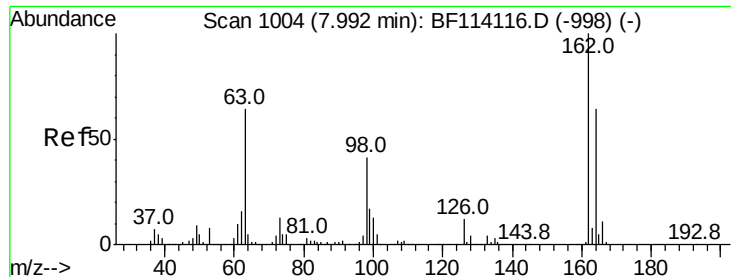
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#28
 bis(2-Chloroethoxy)methane
 Concen: 34.683 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.8	40.2
123	10.9	9.5	14.3





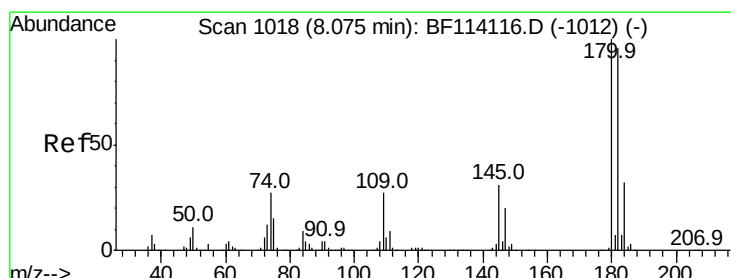
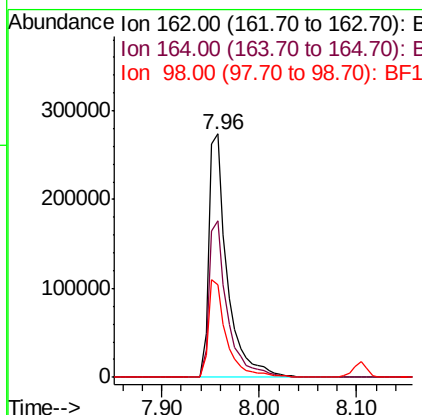
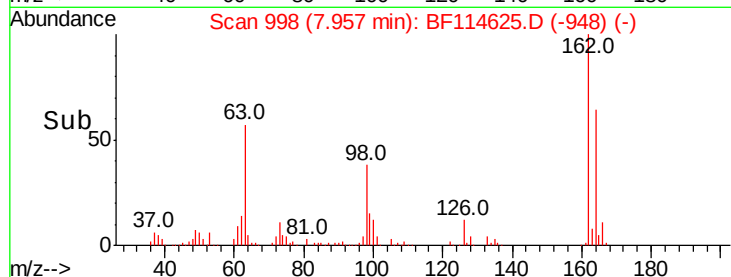
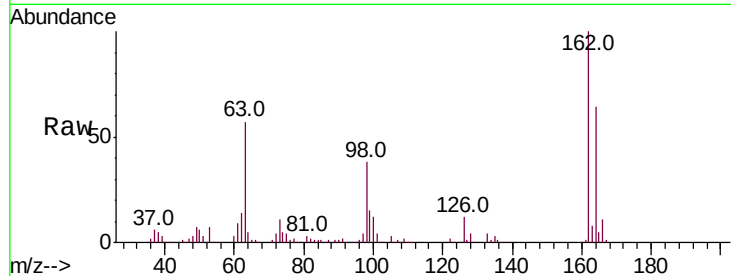
#29
2,4-Dichlorophenol
Concen: 37.440 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.2	43.6	83.6
98	38.2	20.6	60.6

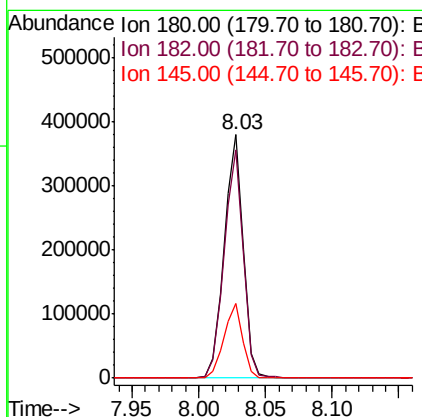
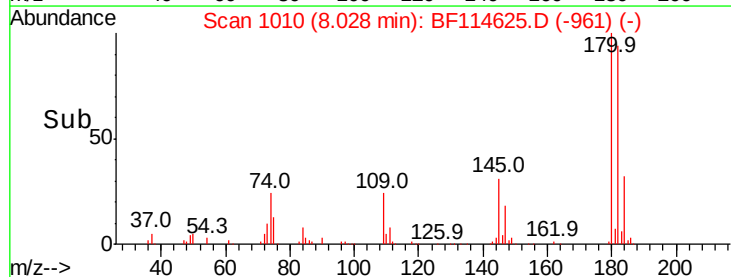
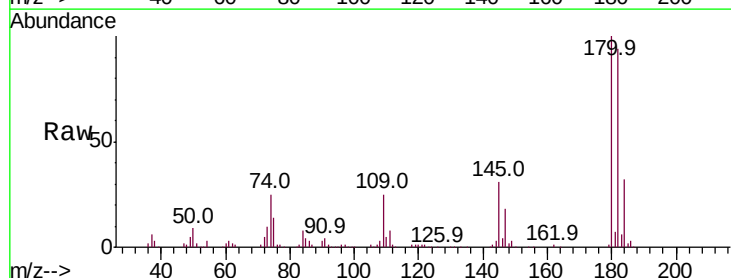
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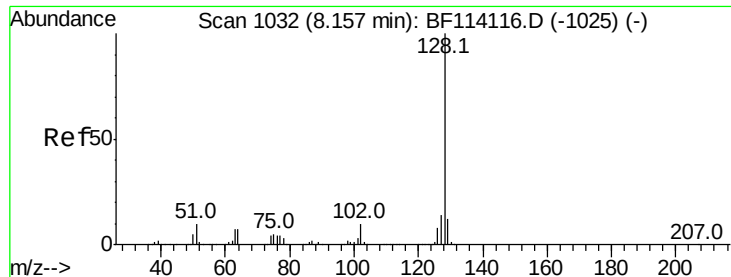
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#30
1,2,4-Trichlorobenzene
Concen: 35.467 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.8	76.6	114.8
145	30.6	25.1	37.7





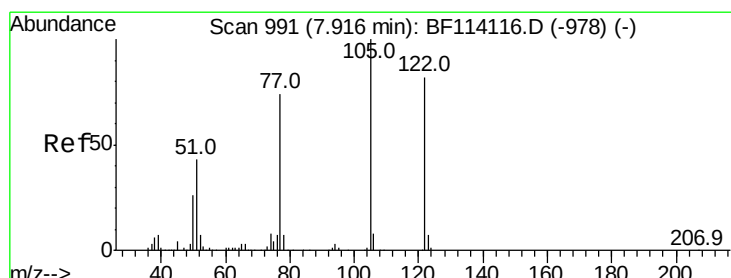
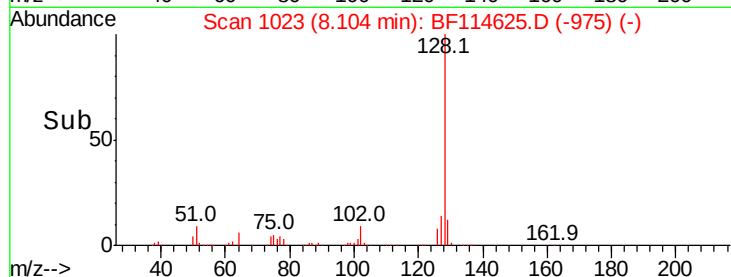
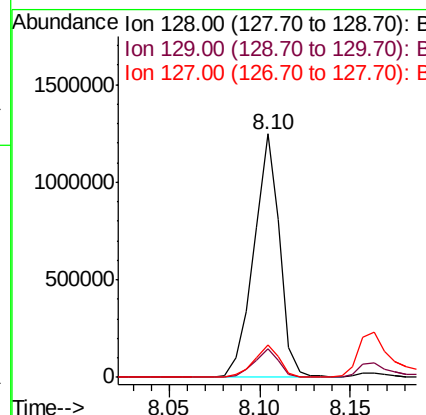
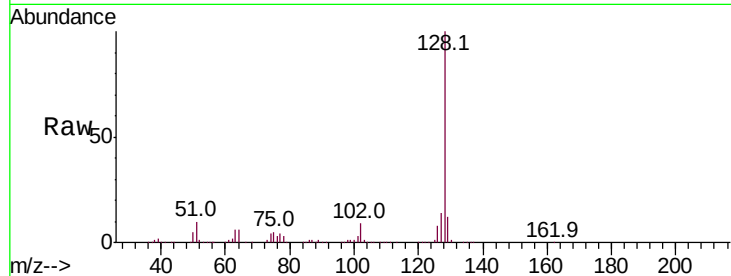
#31
Naphthalene
Concen: 38.049 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.5	11.3	16.9

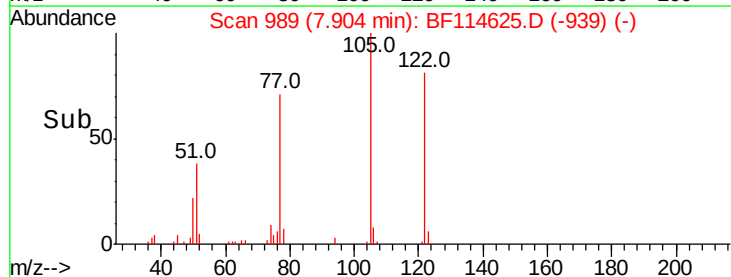
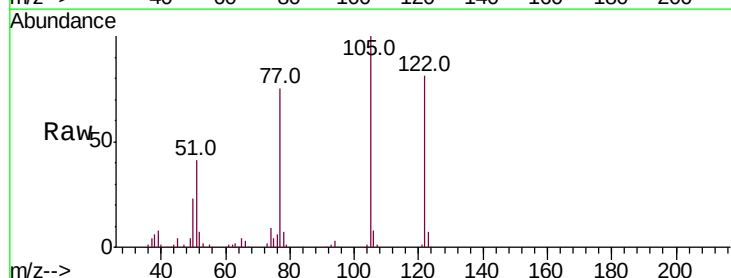
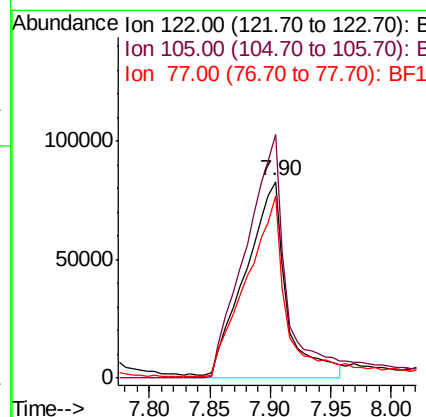
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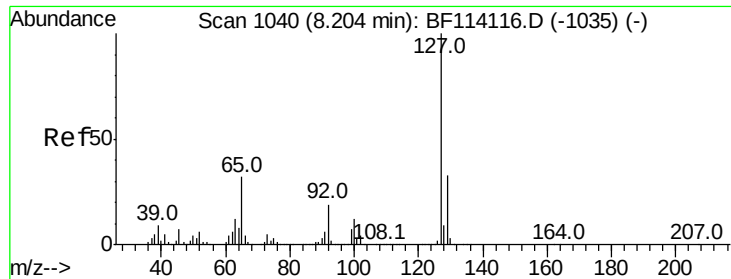
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#32
Benzoic acid
Concen: 31.963 ng m
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	99.9	139.9
77	92.8	69.4	109.4





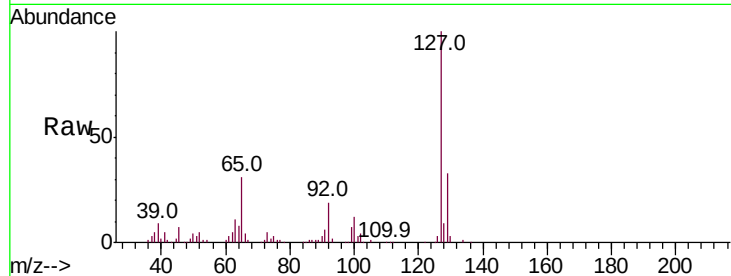
#33
4-Chloroaniline
Concen: 21.903 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.9	26.7	40.1
65	31.0	25.4	38.0
92	19.1	15.4	23.2

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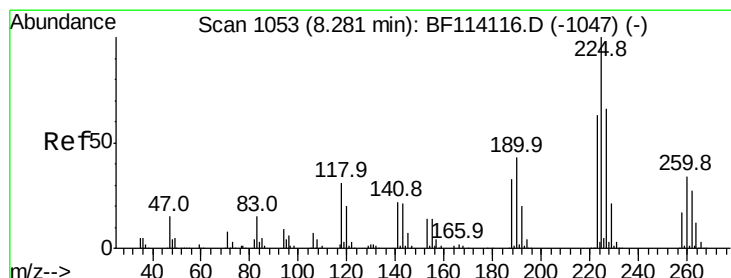
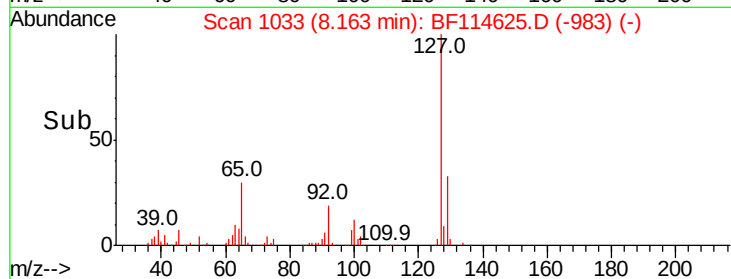
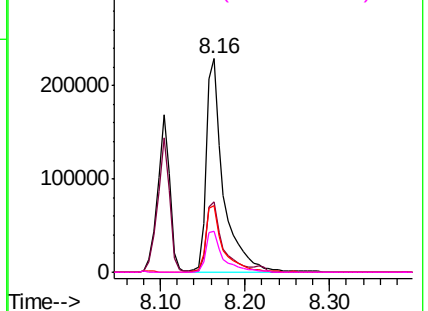
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 34.529 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

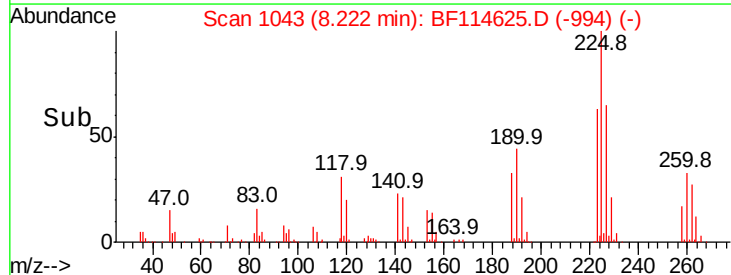
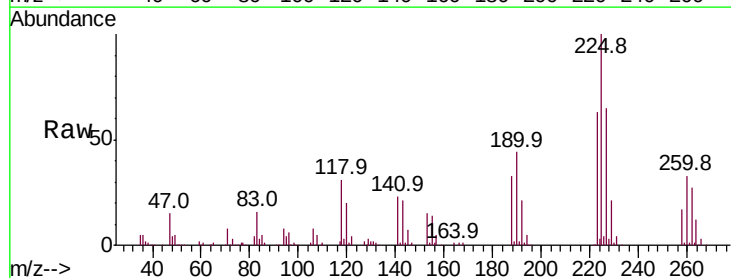
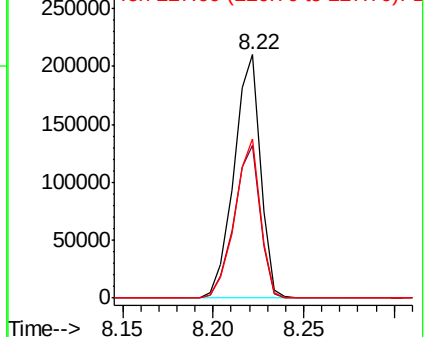
Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.6	50.2	75.2
227	65.2	52.6	79.0

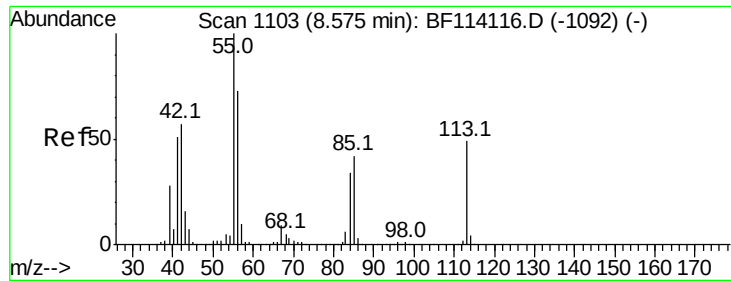
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





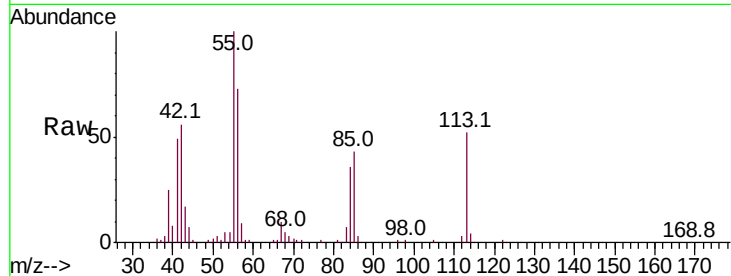
#35
Caprolactam
Concen: 37.367 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampled :
PB120038BS

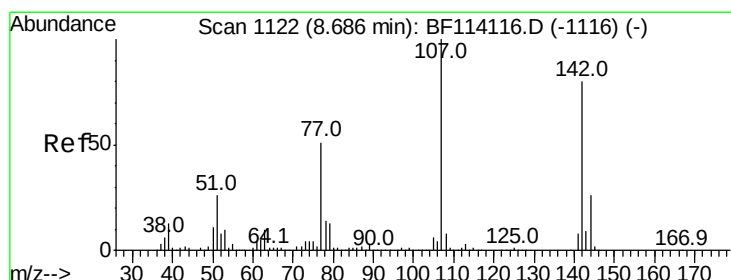
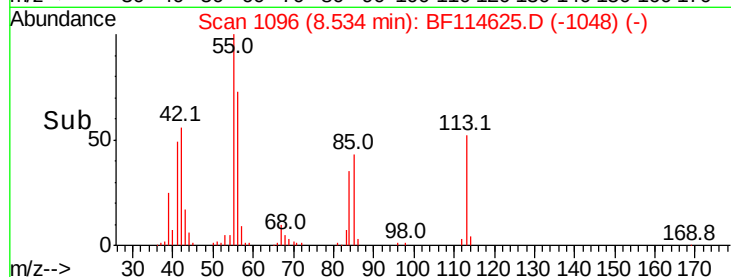
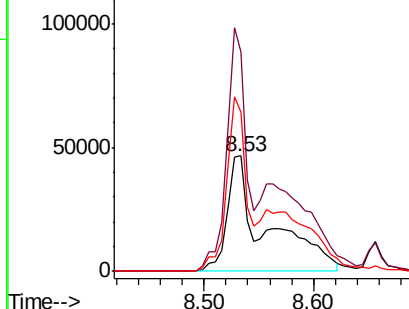
Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	191.1	183.5	223.5	
56	138.7	128.8	168.8	

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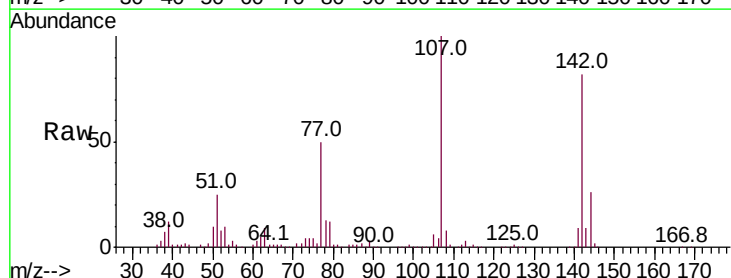


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

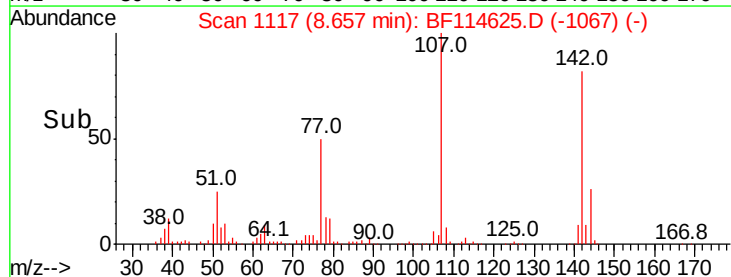
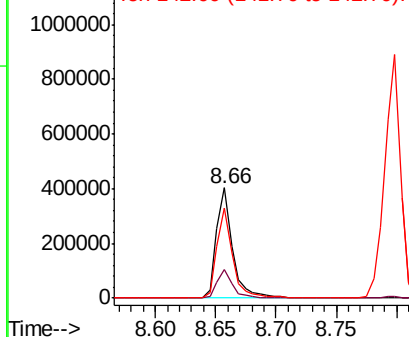


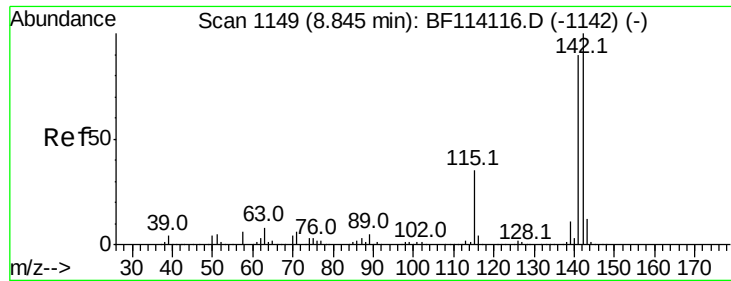
#36
4-Chloro-3-methylphenol
Concen: 38.570 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.4	20.4	30.6	
142	81.7	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





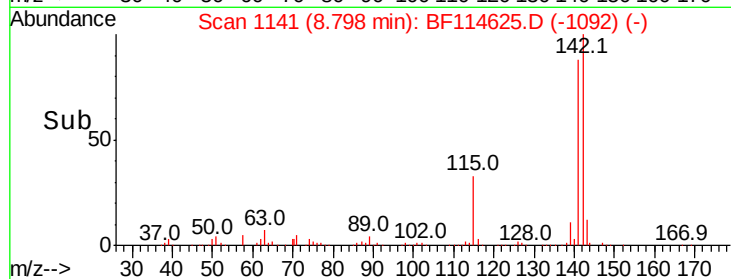
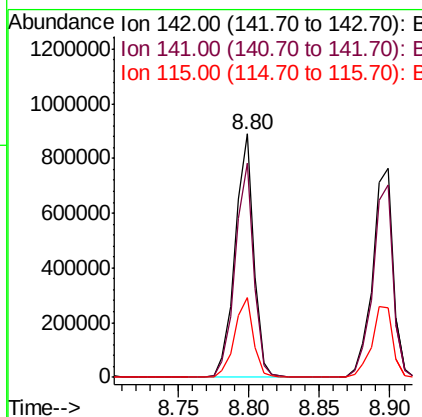
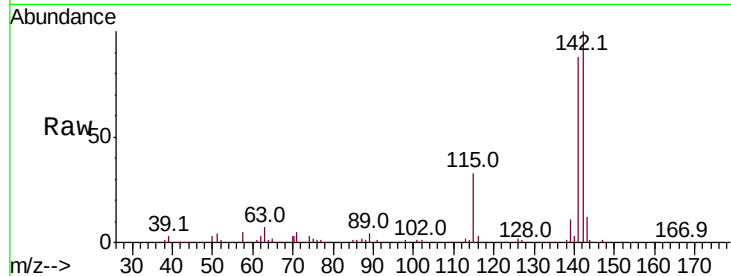
#37
2-Methylnaphthalene
Concen: 39.215 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

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

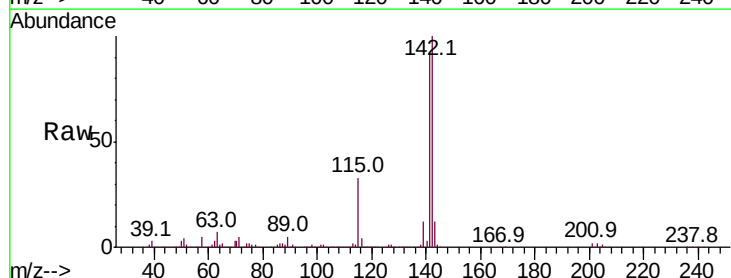
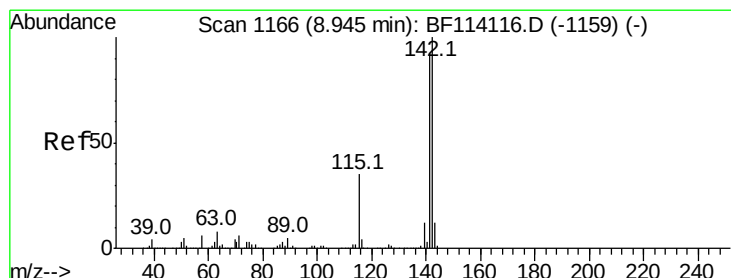
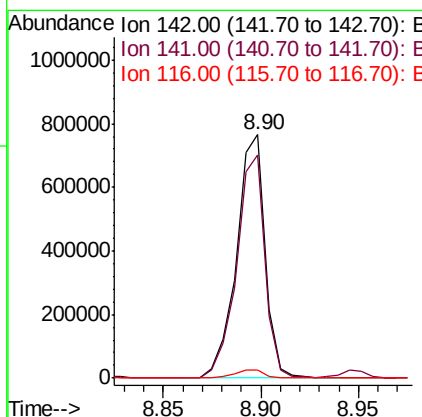
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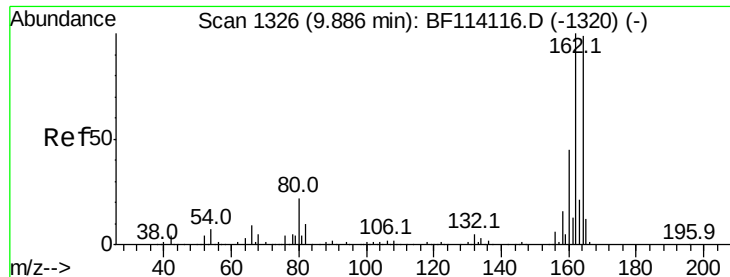
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#38
1-Methylnaphthalene
Concen: 39.416 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.0
116	3.6	3.1	4.7





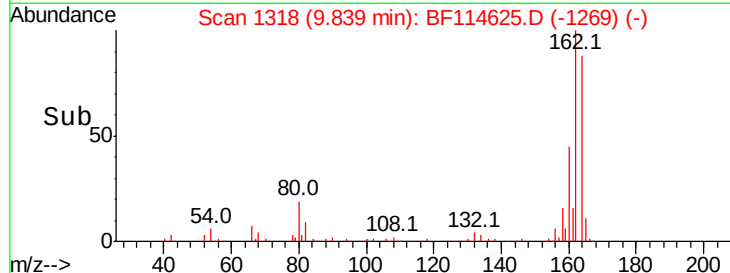
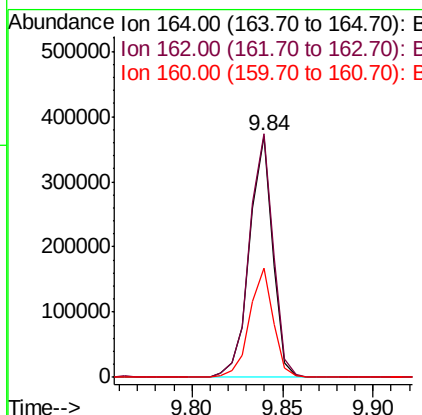
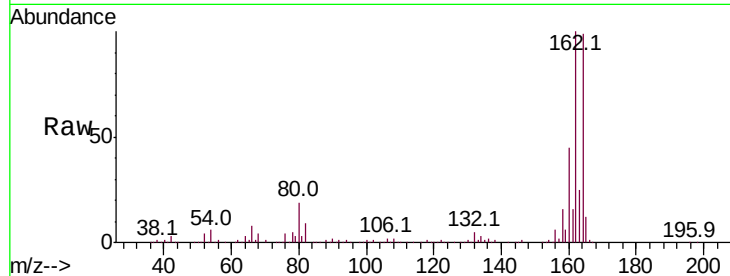
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.8	80.6	120.8	
160	45.2	36.5	54.7	

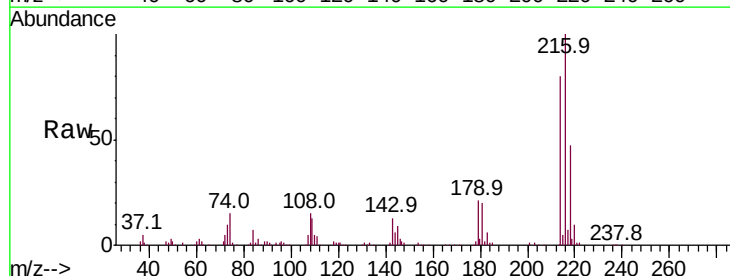
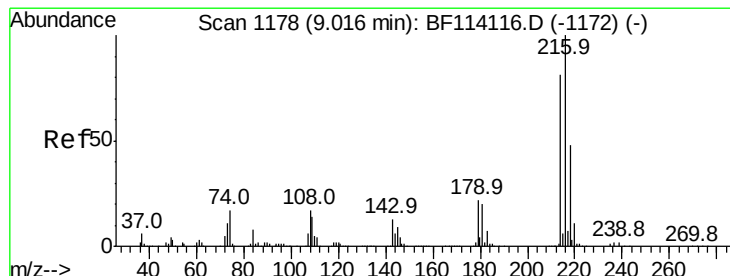
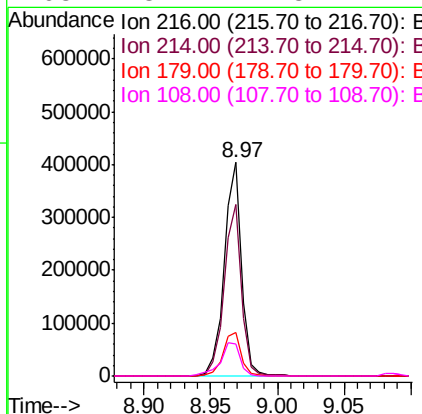
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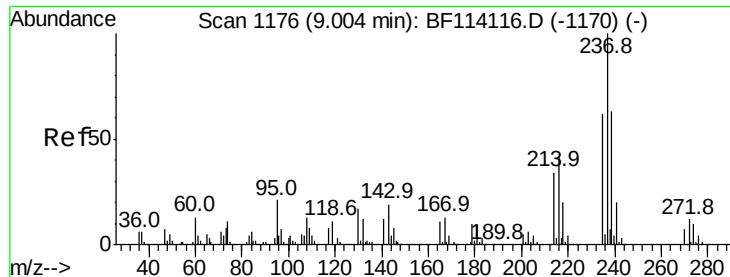
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.127 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.6	63.9	95.9	
179	21.5	17.0	25.6	
108	18.4	14.8	22.2	





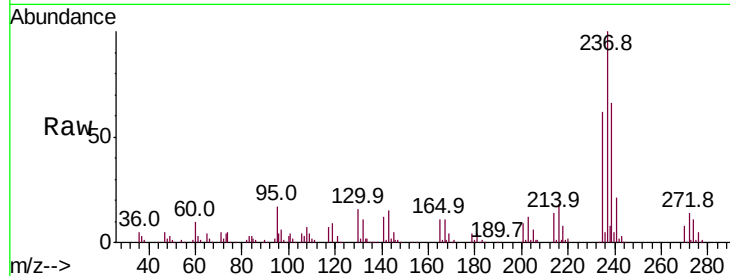
#41
Hexachlorocyclopentadiene
Concen: 38.949 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

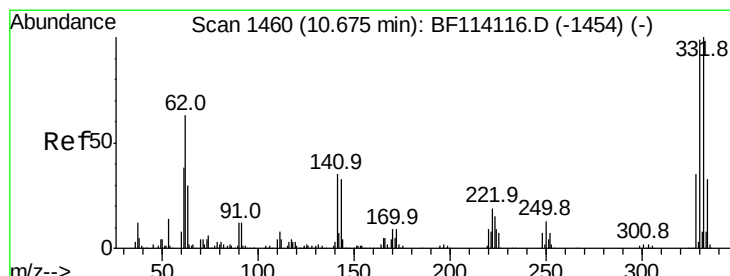
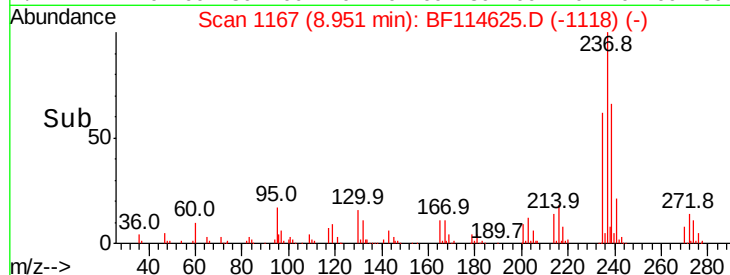
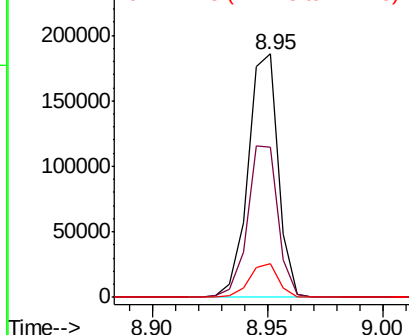
Tot Ion	Ratio	Resp	Lower	Upper
237	100	169993		
235	61.5	42.0	82.0	
272	13.8	0.0	32.4	

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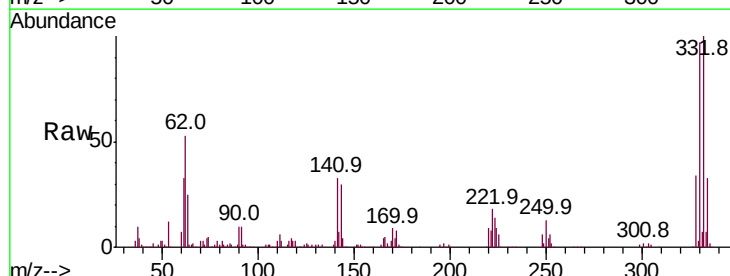


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

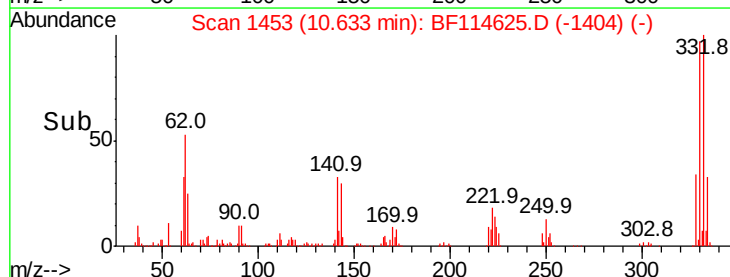
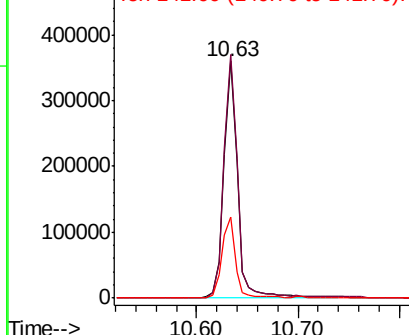


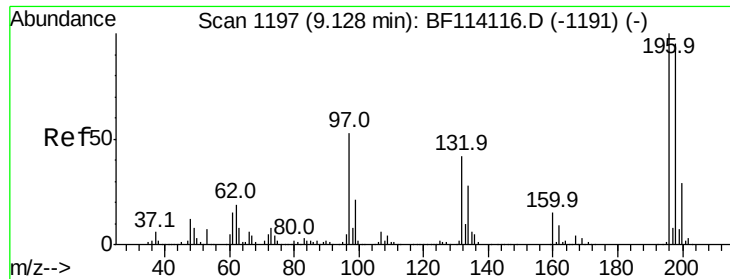
#42
2,4,6-Tribromophenol
Concen: 100.199 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	340893		
332	102.9	81.4	122.2	
141	34.0	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





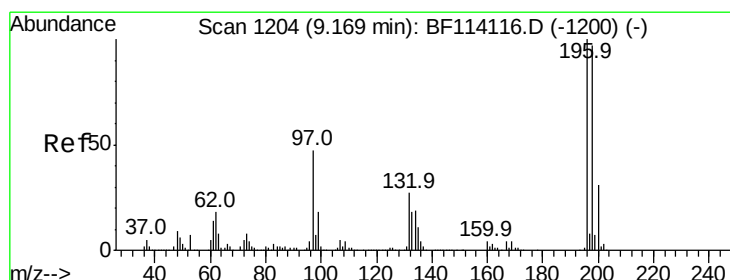
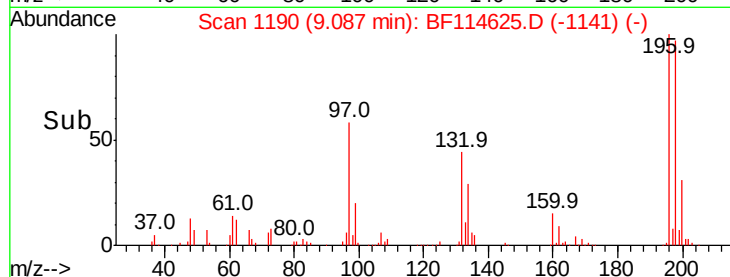
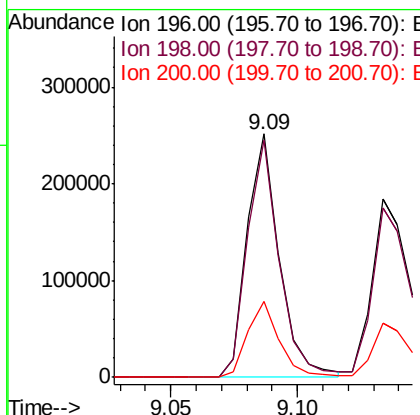
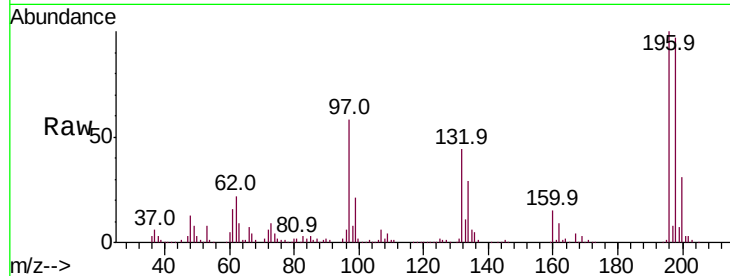
#43
 2,4,6-Trichlorophenol
 Concen: 32.514 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	222939		
198	97.2	75.9	113.9	
200	31.0	23.5	35.3	

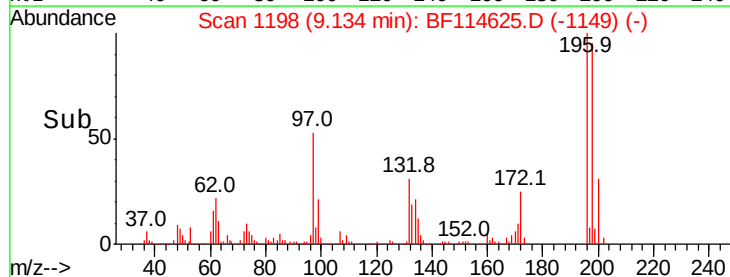
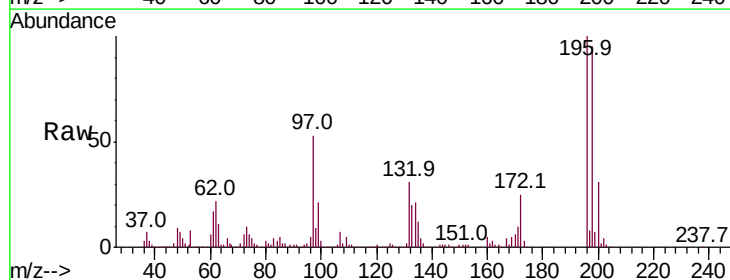
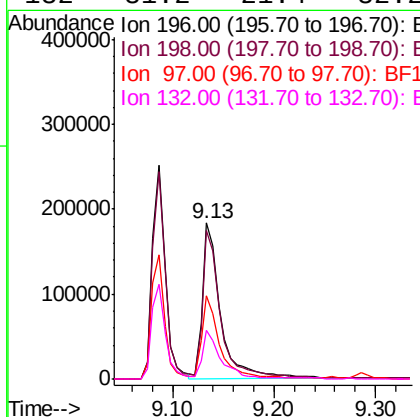
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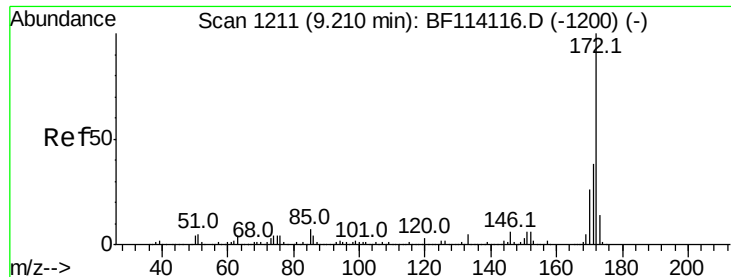
mohammad
 5/27/2019 3:50:37 AM



#44
 2,4,5-Trichlorophenol
 Concen: 32.475 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228363		
198	95.4	77.7	116.5	
97	53.3	38.2	57.2	
132	31.2	21.4	32.2	





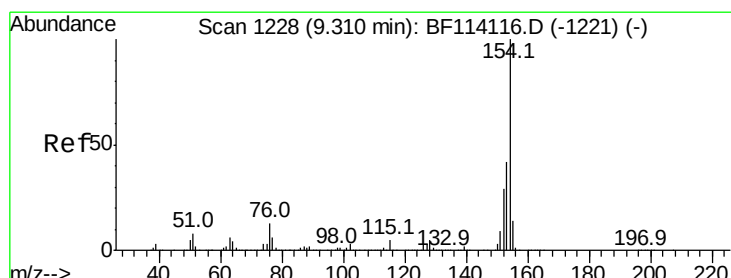
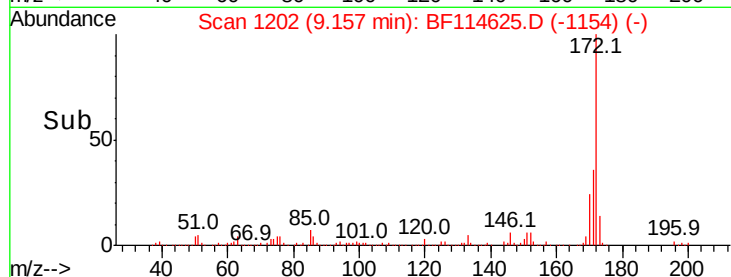
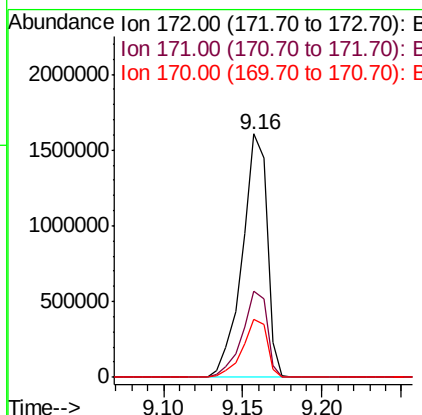
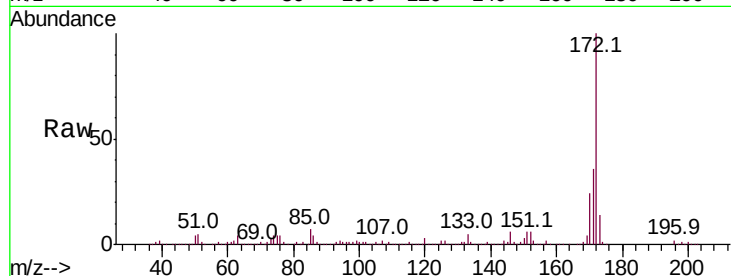
#45
2-Fluorobiphenyl
Concen: 80.128 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion:172 Resp: 1743208
Ion Ratio Lower Upper
172 100
171 35.6 30.7 46.1
170 23.6 20.5 30.7

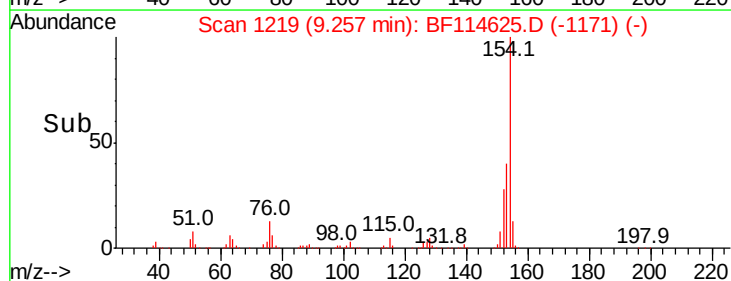
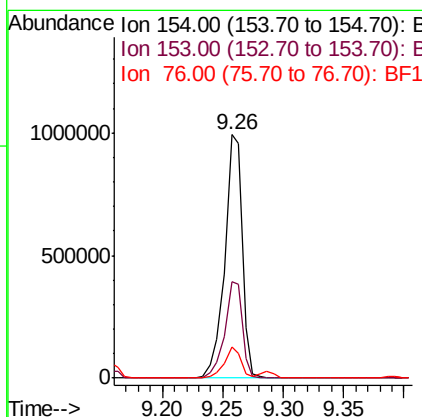
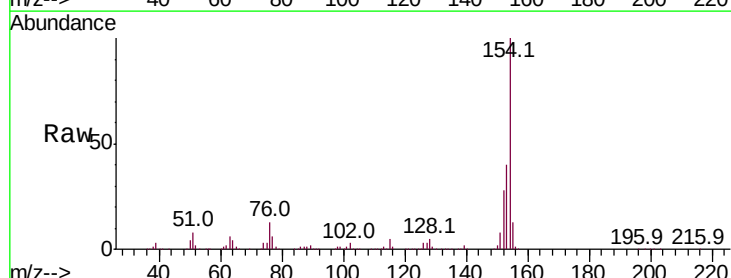
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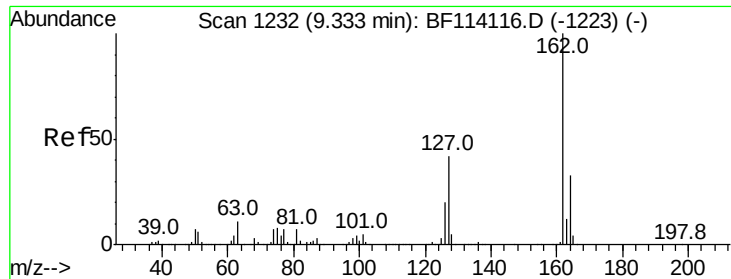
mohammad
5/27/2019 3:50:37 AM



#46
1,1'-Biphenyl
Concen: 37.575 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion:154 Resp: 998948
Ion Ratio Lower Upper
154 100
153 39.8 21.9 61.9
76 13.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 35.546 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

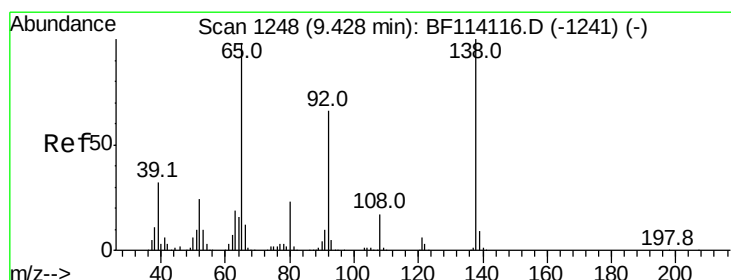
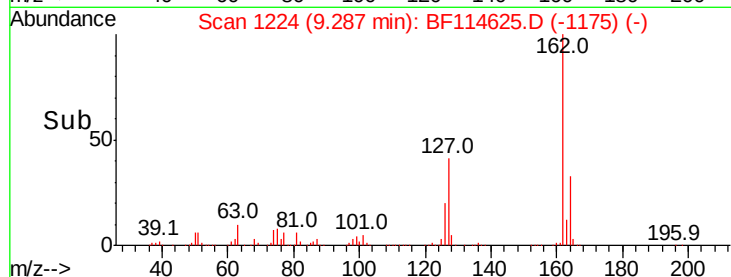
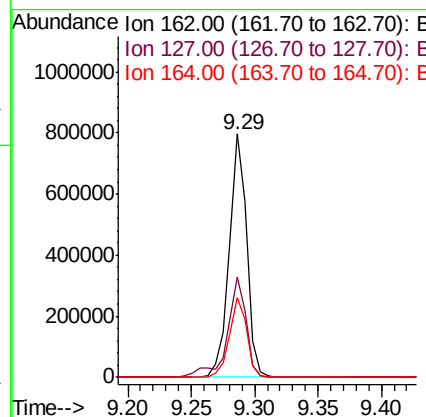
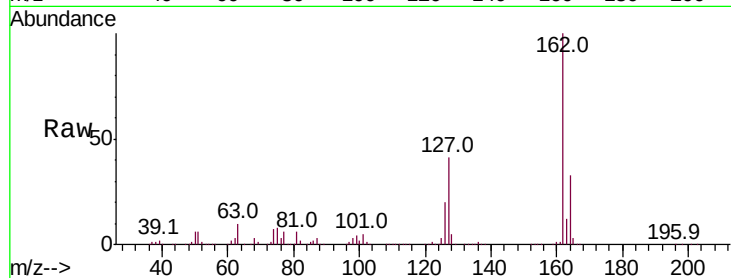
ClientSampled :

PB120038BS

Tot Ion:	162	Resp:	760541
Ion Ratio	Lower	Upper	
162	100		
127	41.4	34.0	51.0
164	32.6	26.7	40.1

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#48

2-Nitroaniline

Concen: 33.304 ng

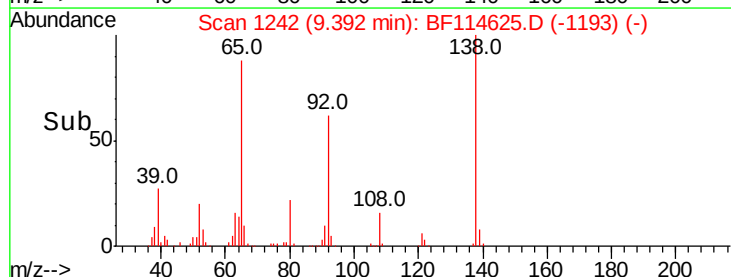
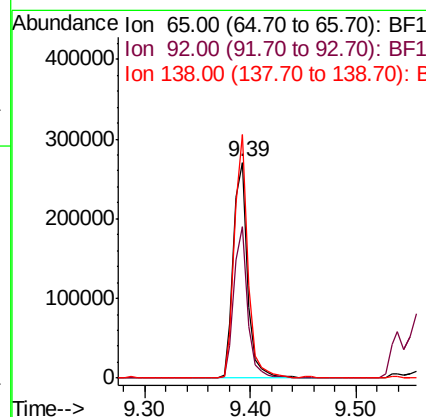
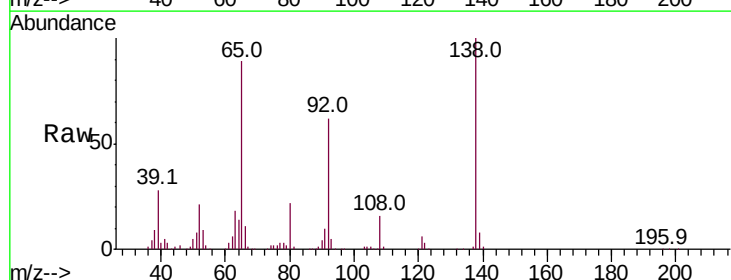
RT: 9.39 min Scan# 1242

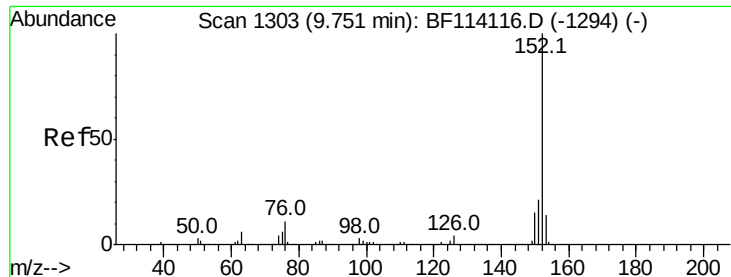
Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Tgt Ion:	65	Resp:	252709
Ion Ratio	Lower	Upper	
65	100		
92	70.2	53.9	80.9
138	112.7	81.4	122.0





#49

Acenaphthylene

Concen: 36.618 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

Tot Ion:152 Resp: 1191600

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

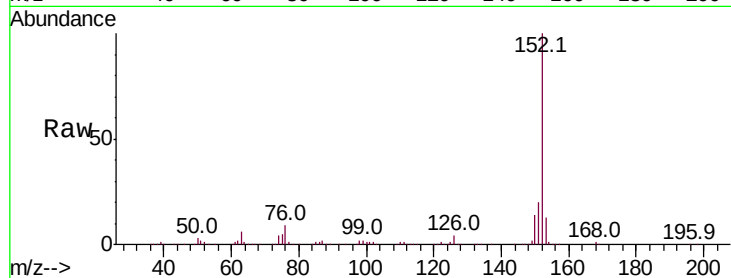
153 13.0 11.4 17.2

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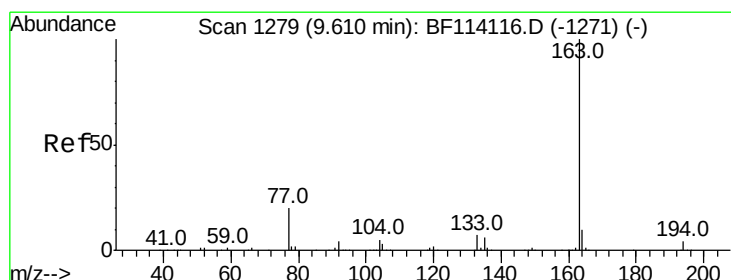
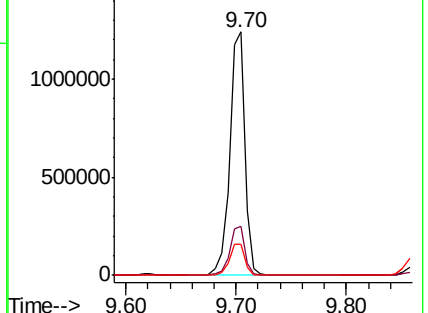
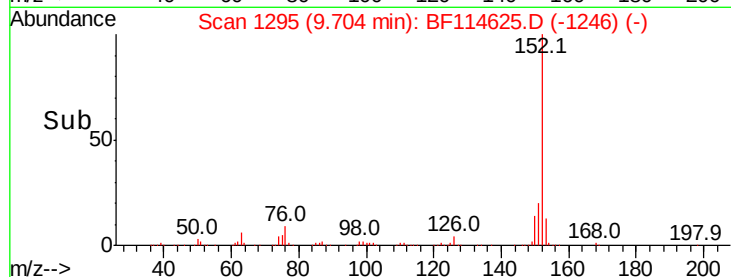
5/27/2019 3:50:37 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 34.885 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

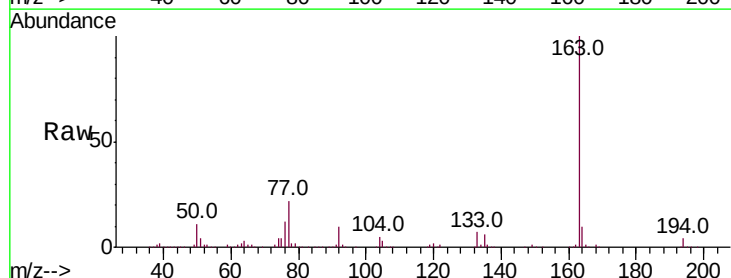
Tgt Ion:163 Resp: 842744

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

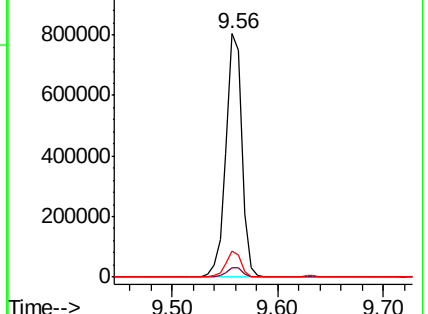
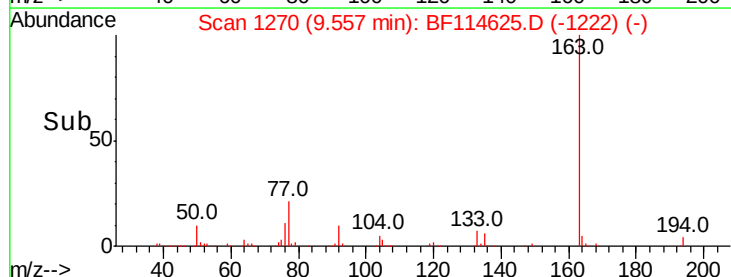
164 10.5 8.2 12.2

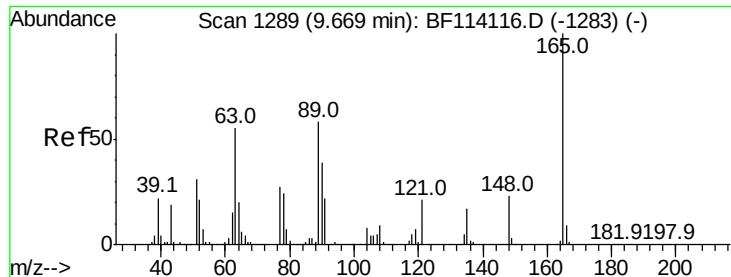


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.385 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

Tot Ion:165 Resp: 189601
Ion Ratio Lower Upper

165 100

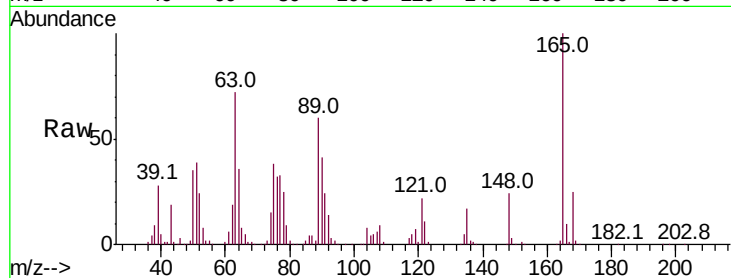
63 71.5 50.2 75.4

89 60.1 46.6 69.8

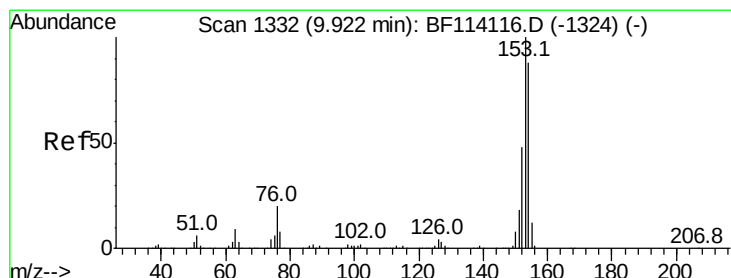
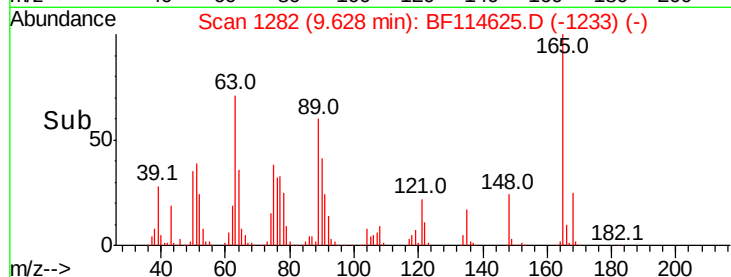
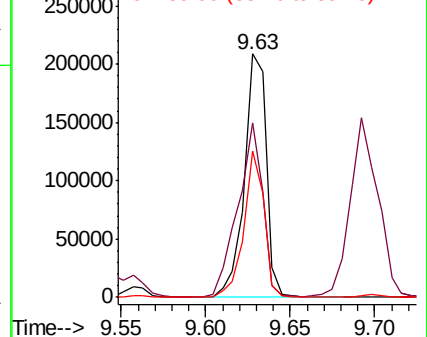
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 35.009 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114625.D

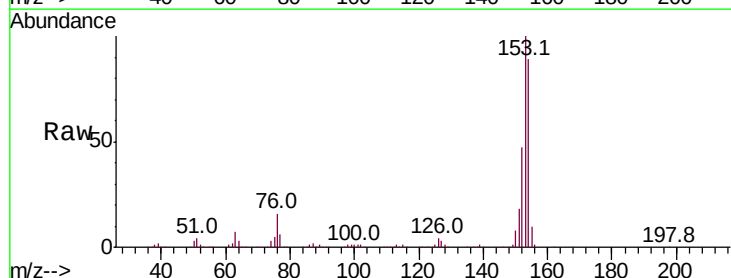
Acq: 26 May 2019 2:22

Tgt Ion:154 Resp: 699090
Ion Ratio Lower Upper

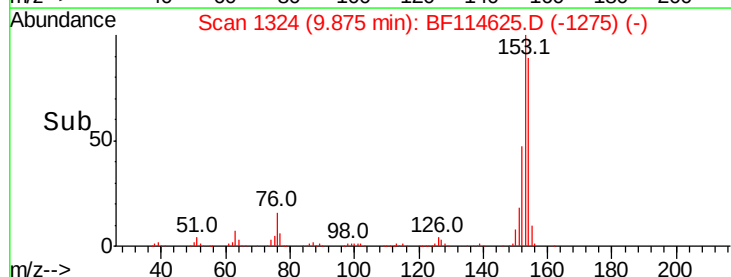
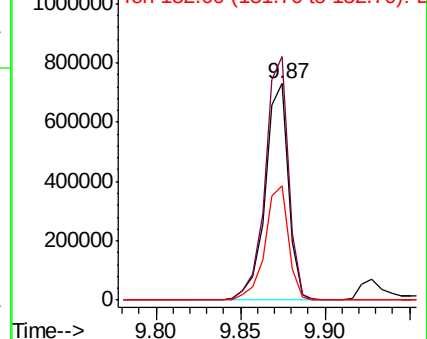
154 100

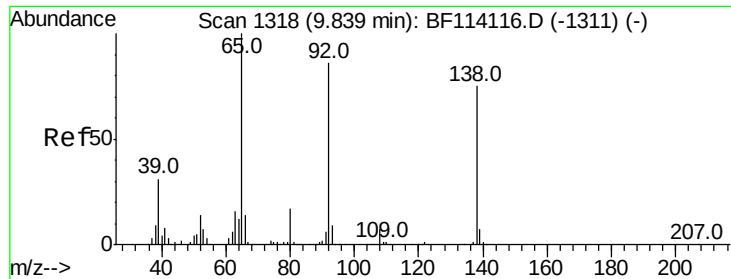
153 112.6 90.5 135.7

152 53.1 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





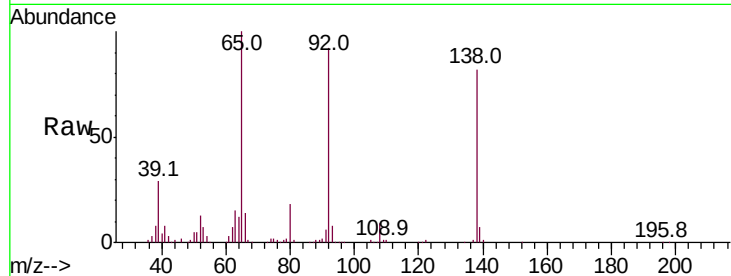
#53
3-Nitroaniline
Concen: 22.613 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.6
92	112.3	91.2	136.8

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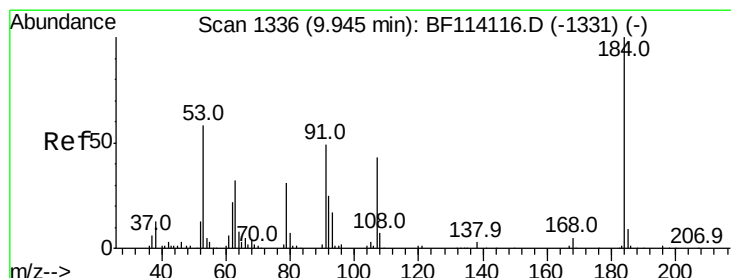
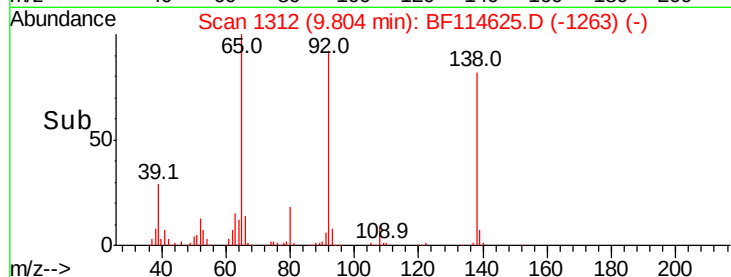
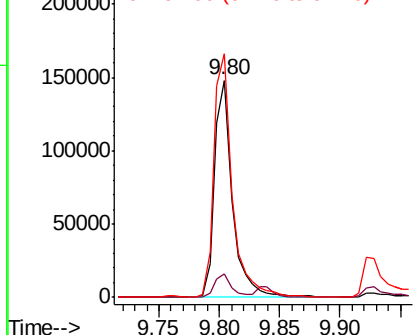


Abundance

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: 58.981 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

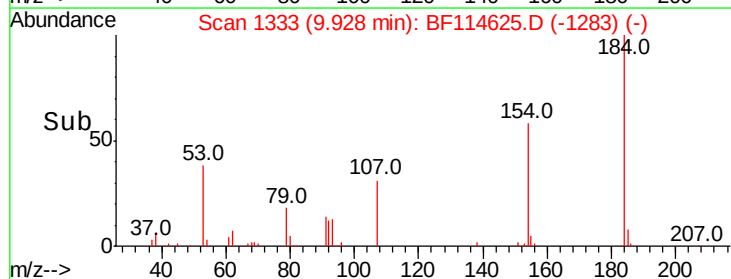
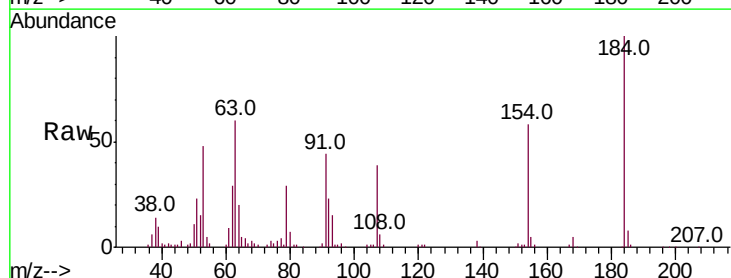
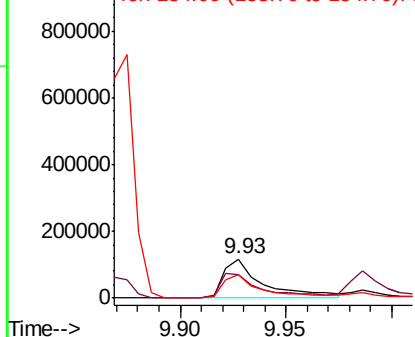
Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.3	55.6	83.4
154	58.5	46.0	69.0

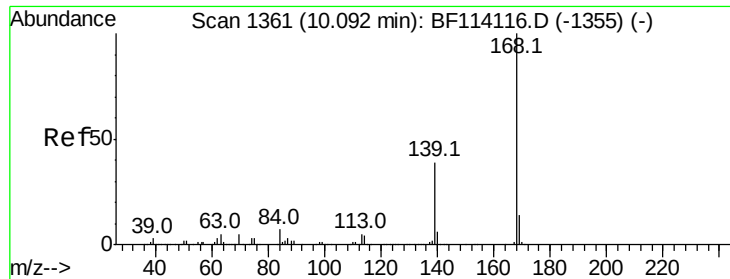
Abundance

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





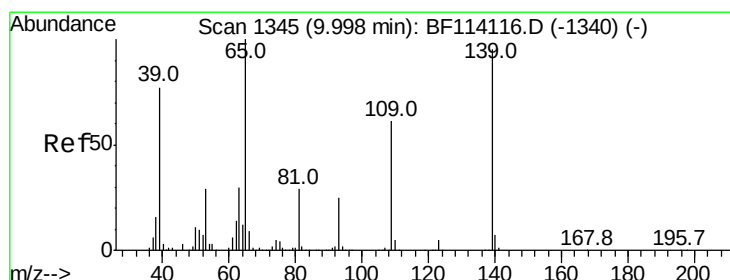
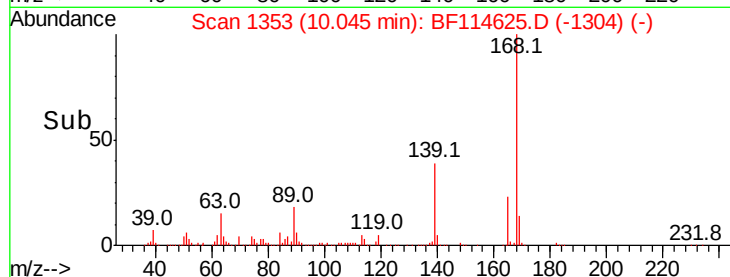
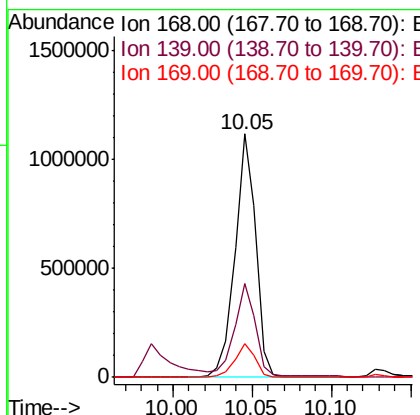
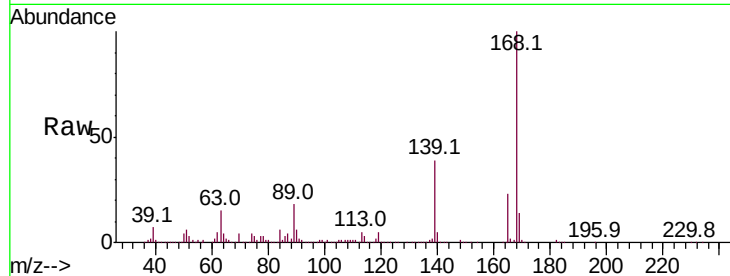
#55
Dibenzofuran
Concen: 34.521 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampled :
PB120038BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.1	46.7
169	13.6	11.4	17.0

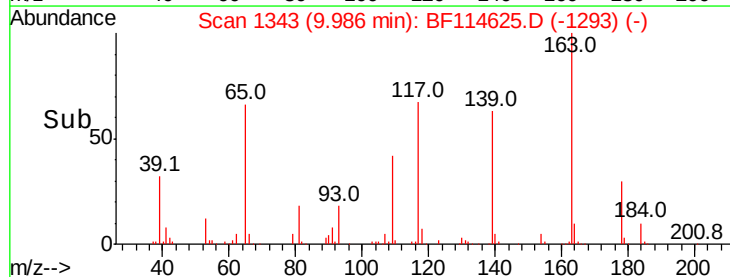
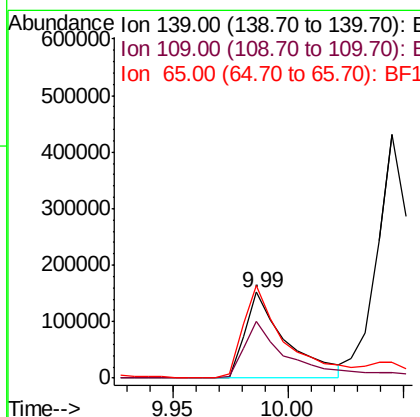
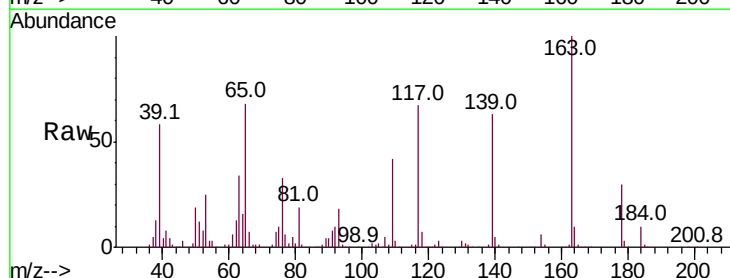
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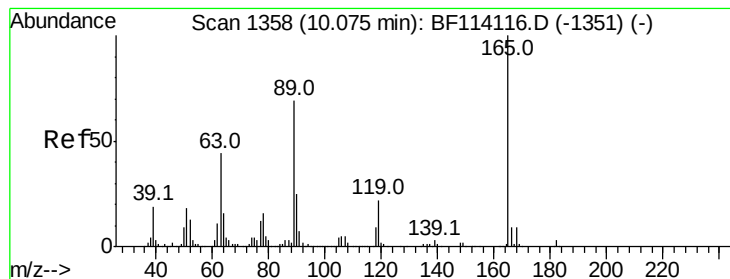
mohammad
5/27/2019 3:50:37 AM



#56
4-Nitrophenol
Concen: 40.288 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.6	43.9	83.9
65	107.6	85.7	125.7





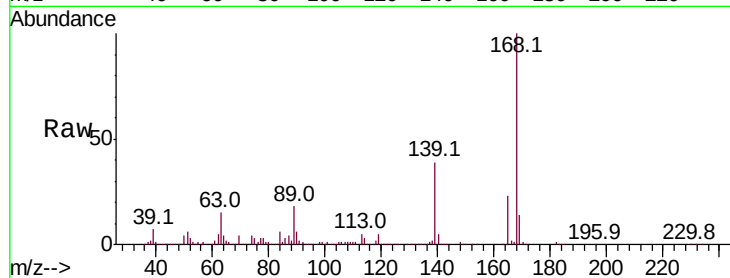
#57
2,4-Dinitrotoluene
Concen: 32.717 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	67.6	35.5	53.3#
89	80.1	55.2	82.8
182	2.3	2.2	3.2

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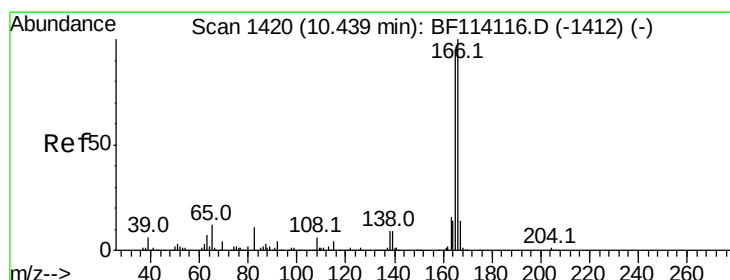
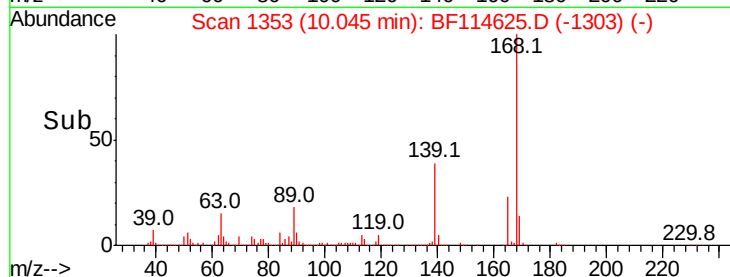
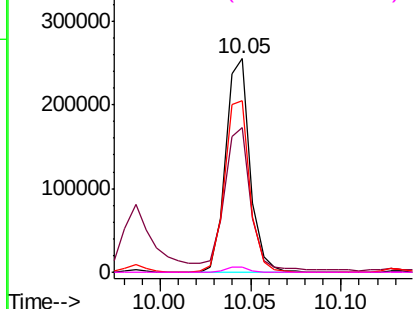
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

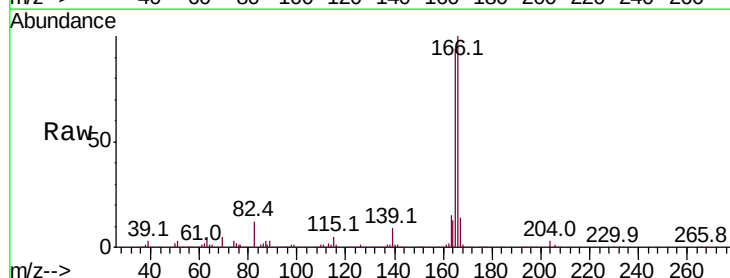
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.807 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	93.6	76.1	114.1
167	13.6	11.1	16.7

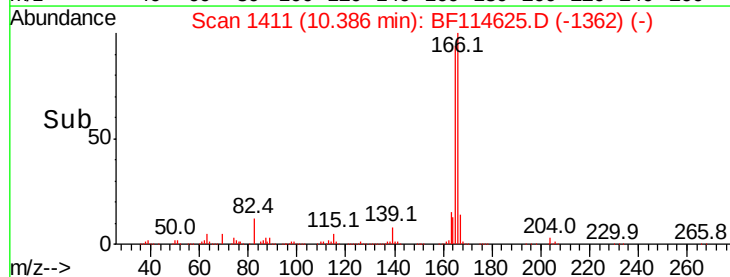
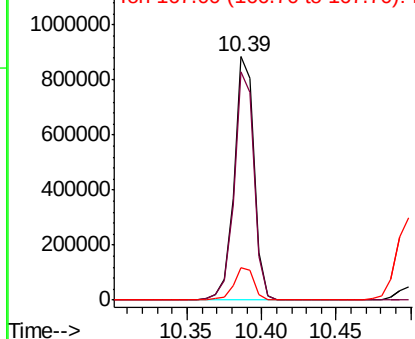


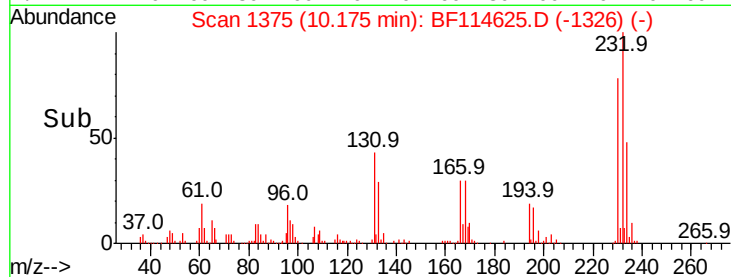
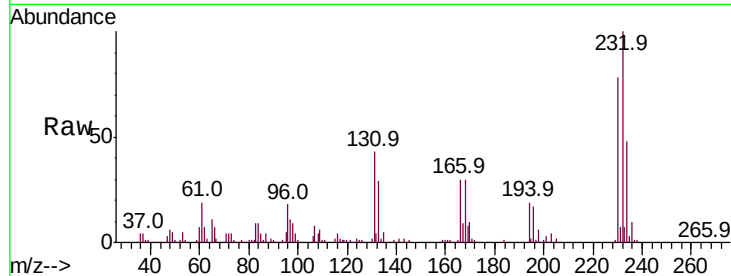
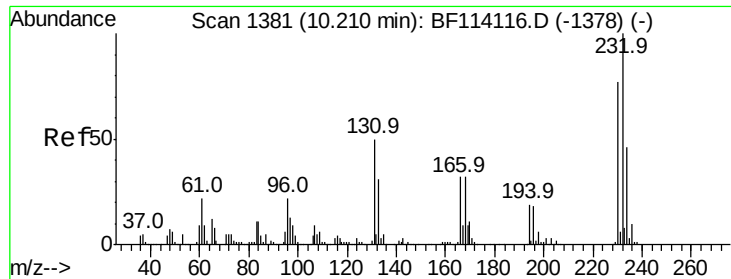
Abundance

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





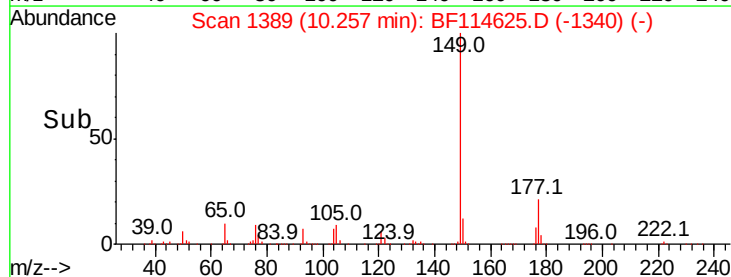
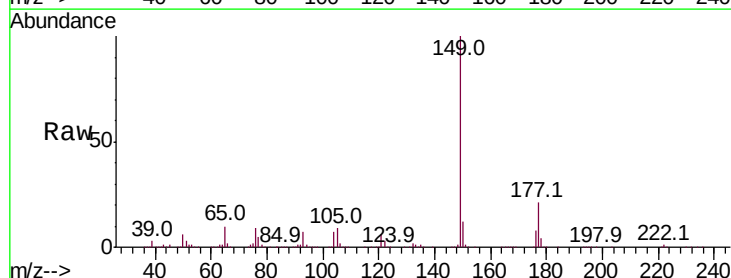
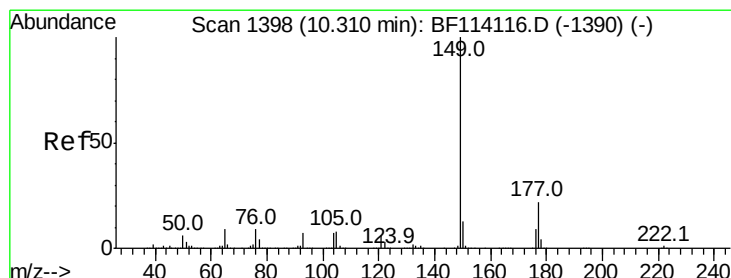
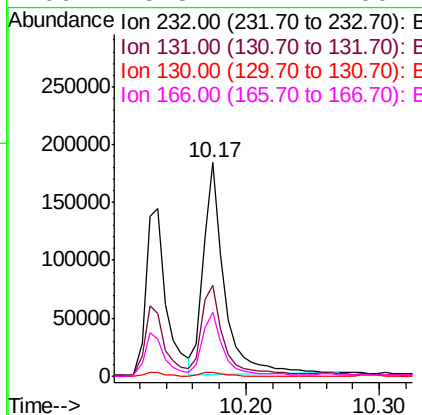
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.565 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	197582		
131	44.8	35.6	53.4	
130	2.3	1.6	2.4	
166	28.8	24.1	36.1	

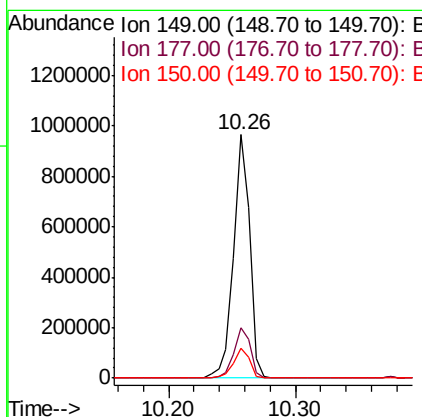
Manual Integrations
APPROVED

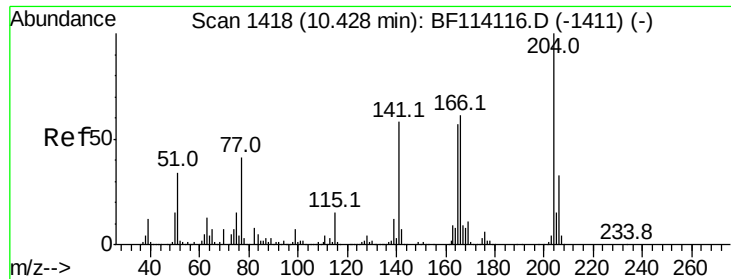
mohammad
5/27/2019 3:50:37 AM



#60
Diethylphthalate
Concen: 34.266 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	841099		
177	20.9	17.8	26.6	
150	12.5	10.2	15.2	





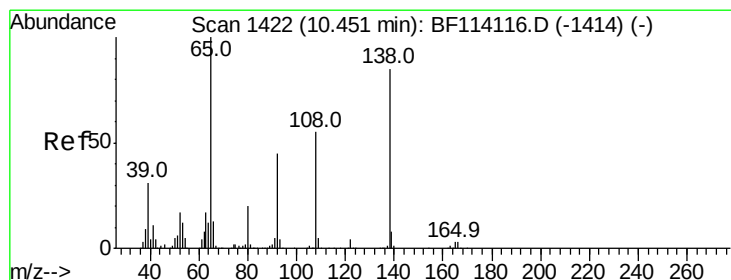
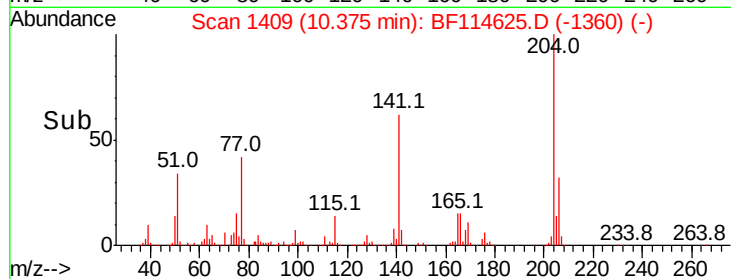
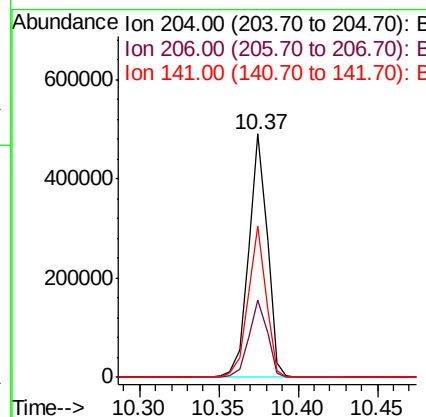
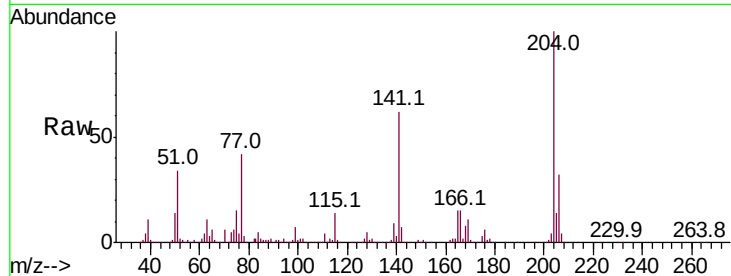
#61
4-Chlorophenyl-phenylether
Concen: 35.806 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.6	39.8
141	62.1	46.4	69.6

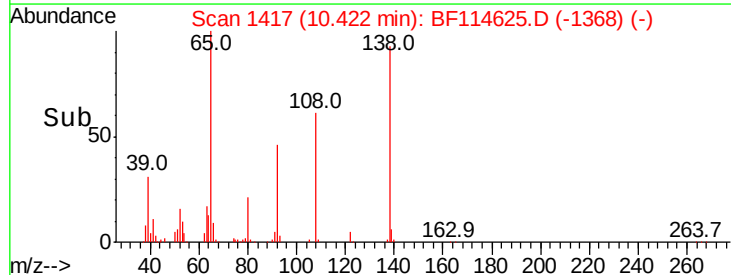
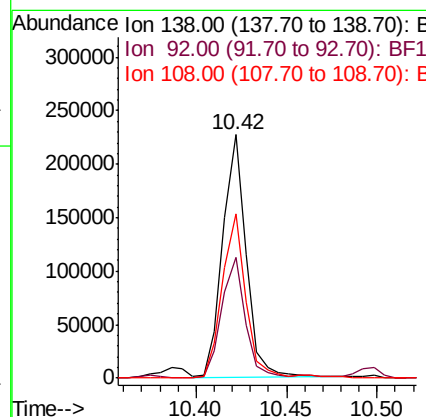
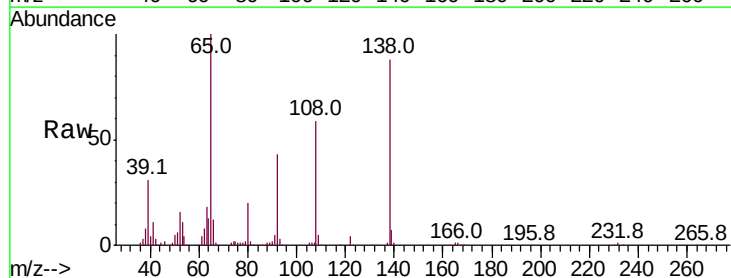
Manual Integrations
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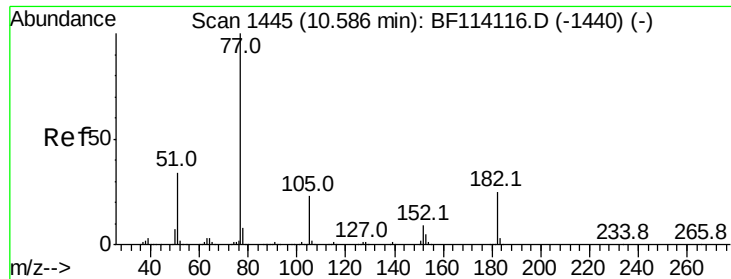
mohammad
5/27/2019 3:50:37 AM



#62
4-Nitroaniline
Concen: 29.315 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	33.0	73.0
108	67.7	44.9	84.9





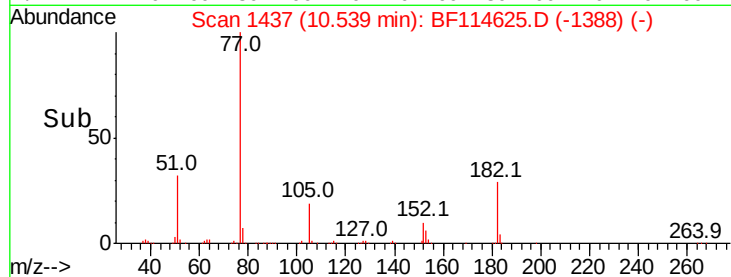
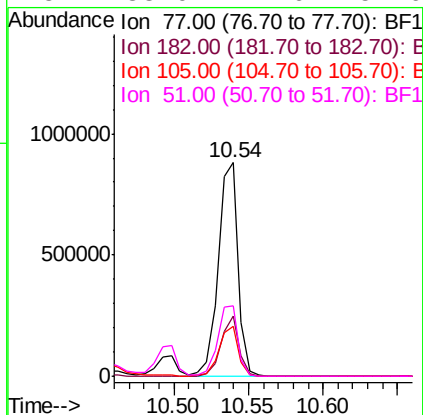
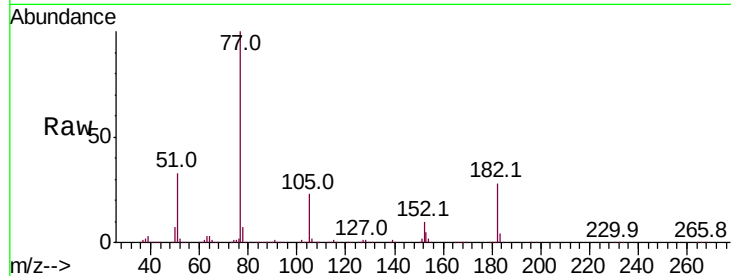
#63
Azobenzene
Concen: 34.477 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampled :
PB120038BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.2	4.7	44.7
105	23.4	2.9	42.9
51	33.0	14.6	54.6

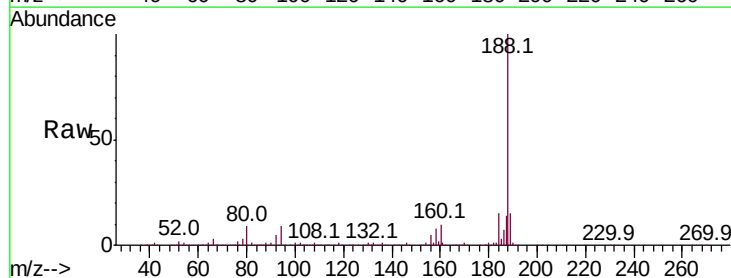
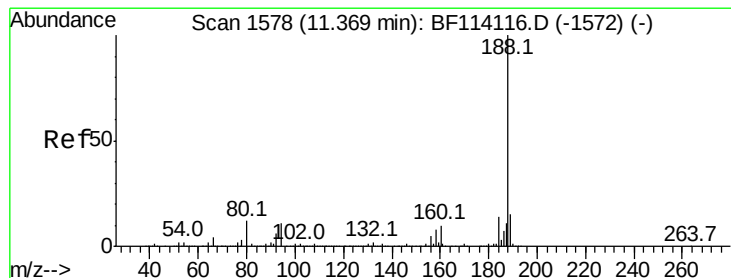
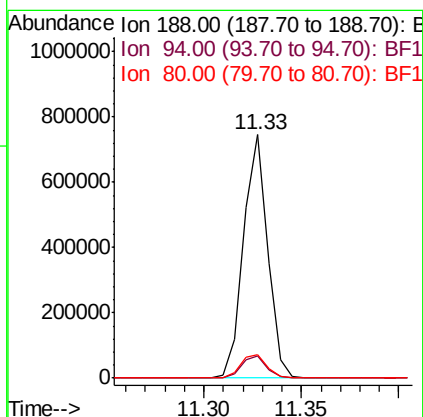
Manual Integrations
APPROVED

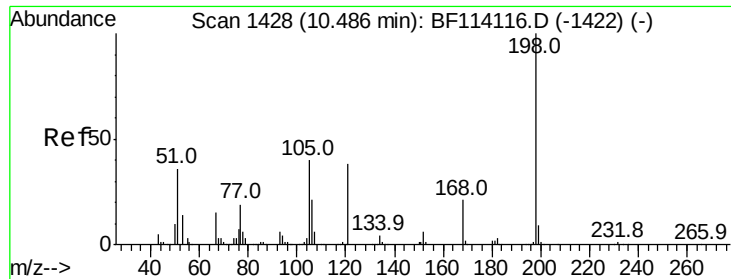
mohammad
5/27/2019 3:50:37 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

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





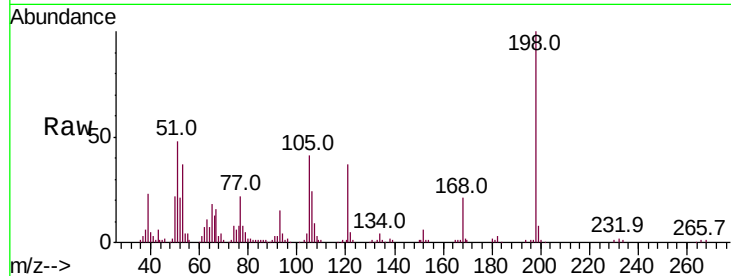
#65
4,6-Dinitro-2-methylphenol
Concen: 34.685 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	48.2	28.0	68.0	
105	41.2	21.1	61.1	

Manual Integrations
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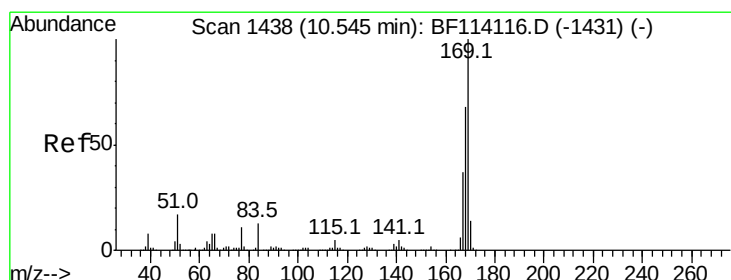
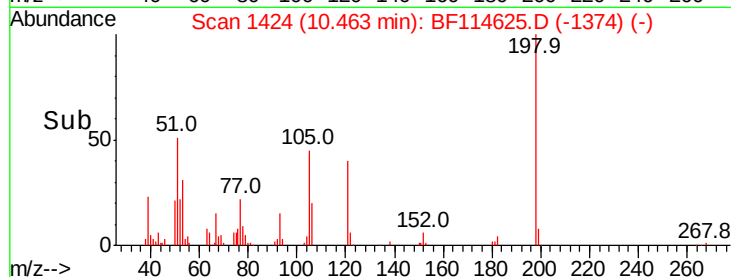
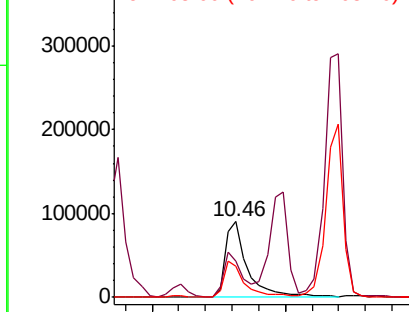


Abundance

Ion 198.00 (197.70 to 198.70): E

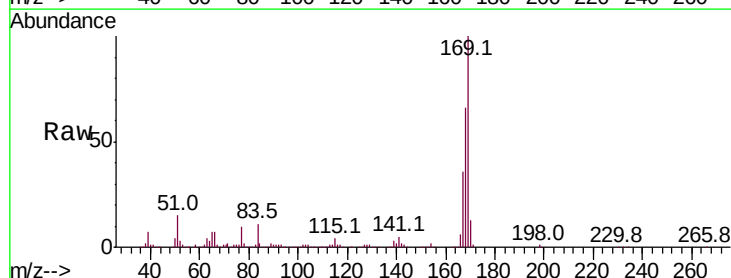
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 38.068 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.4	54.2	81.2	
167	36.0	29.8	44.8	

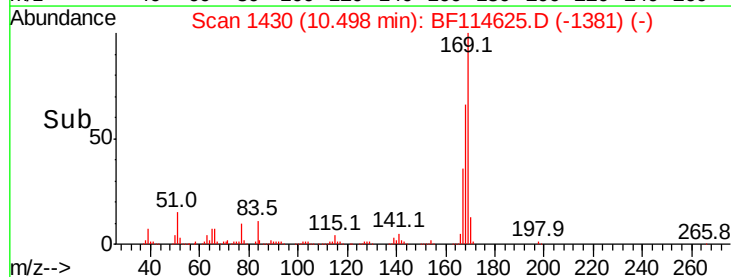
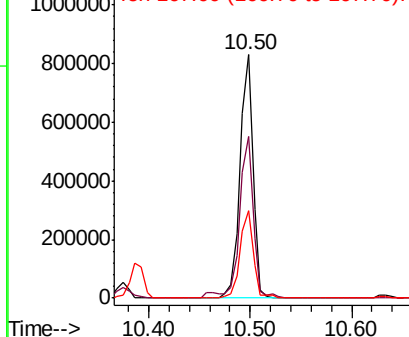


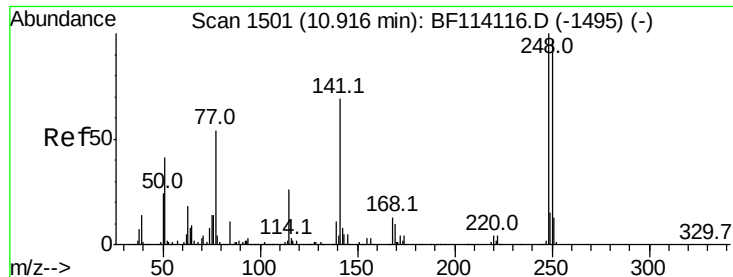
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





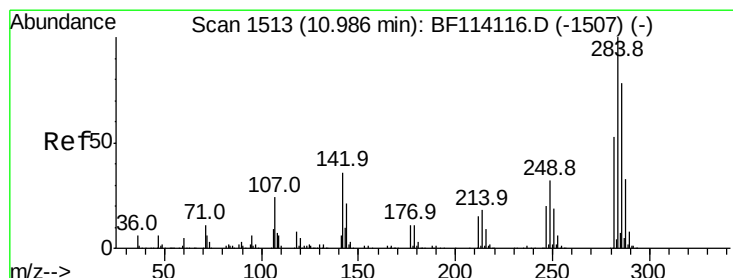
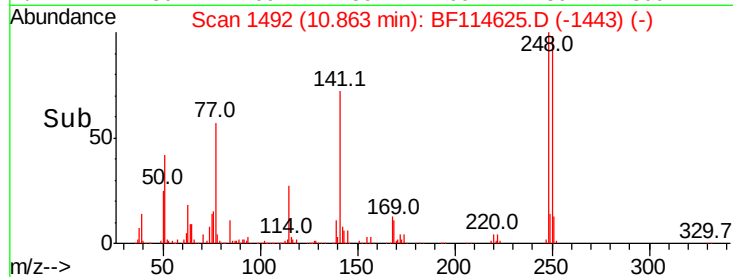
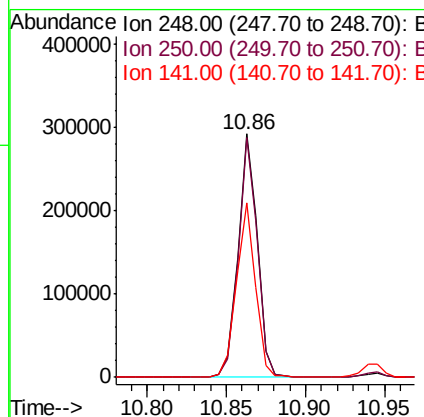
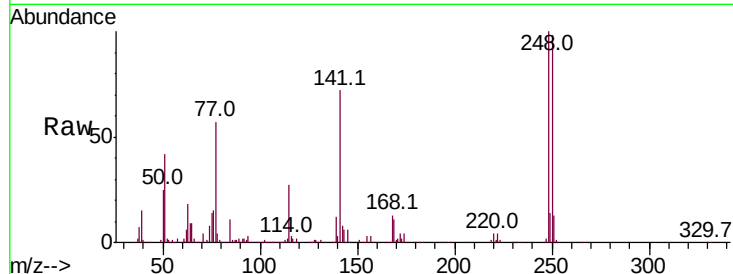
#67
4-Bromophenyl-phenylether
Concen: 35.027 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	247191		
250	98.3	77.4	116.2	
141	71.8	55.6	83.4	

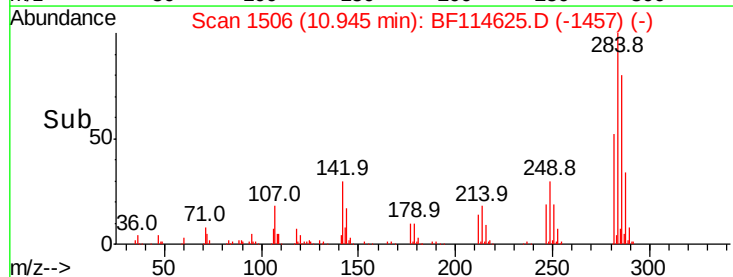
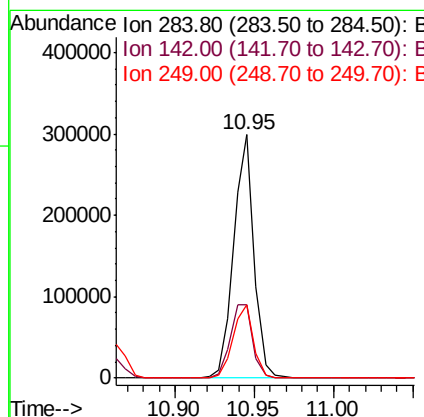
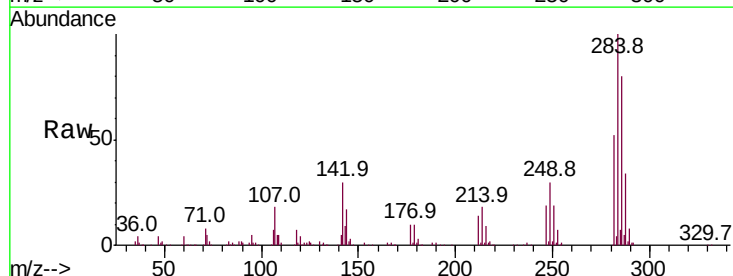
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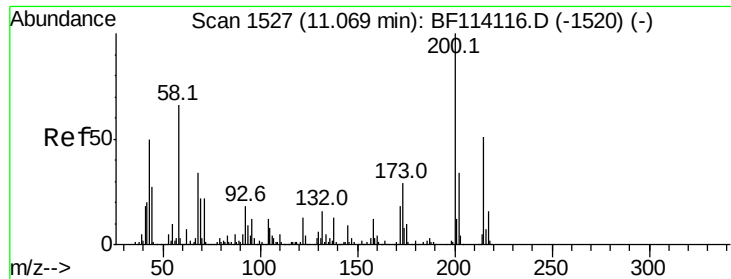
mohammad
5/27/2019 3:50:37 AM



#68
Hexachlorobenzene
Concen: 33.821 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	264042		
142	30.2	28.4	42.6	
249	30.3	25.2	37.8	





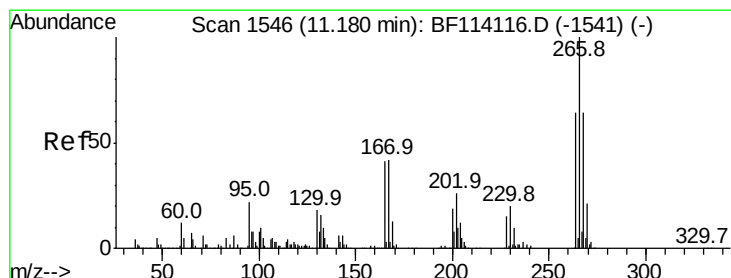
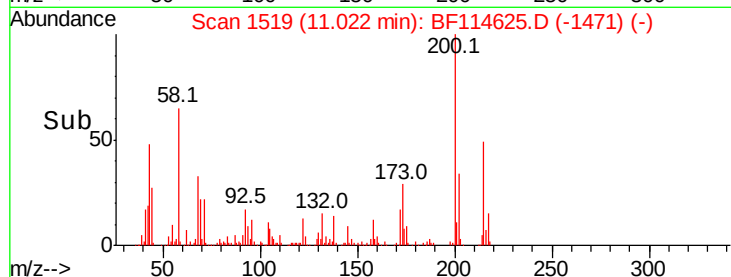
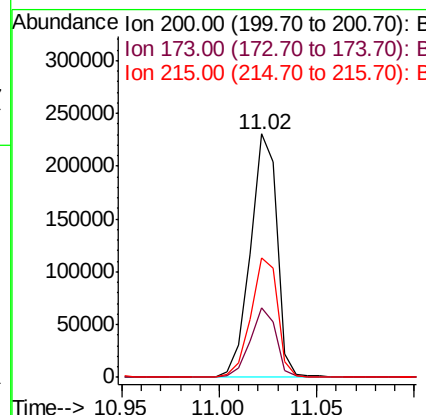
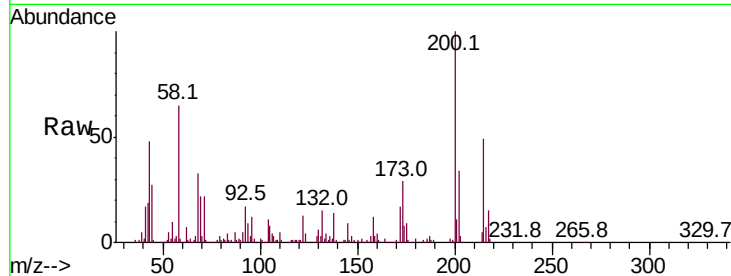
#69
 Atrazine
 Concen: 35.991 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.02 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.8	8.9	48.9
215	49.1	30.7	70.7

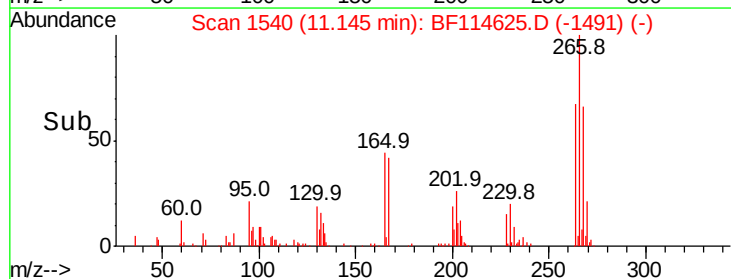
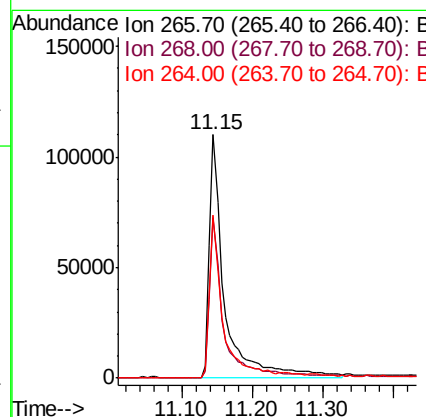
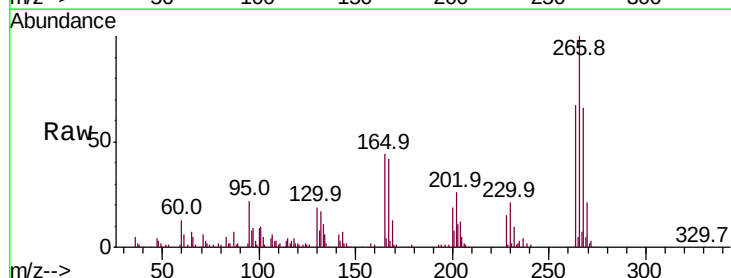
Manual Integrations
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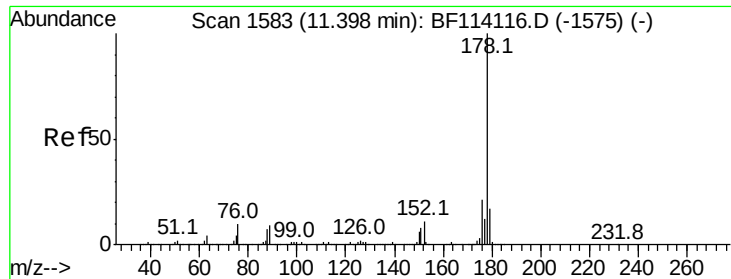
mohammad
 5/27/2019 3:50:37 AM



#70
 Pentachlorophenol
 Concen: 43.979 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.0	51.1	76.7
264	66.8	51.1	76.7





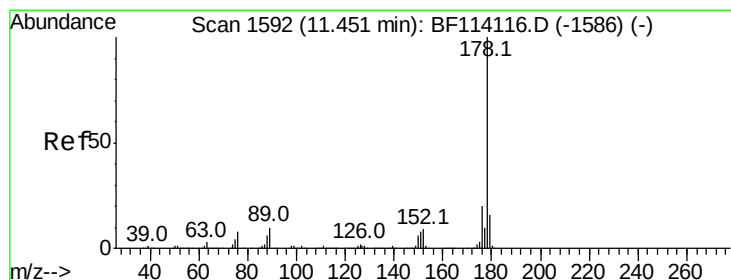
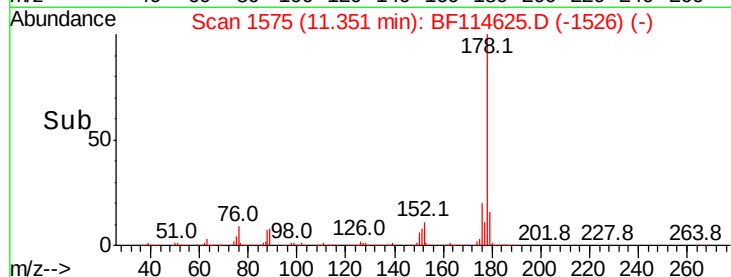
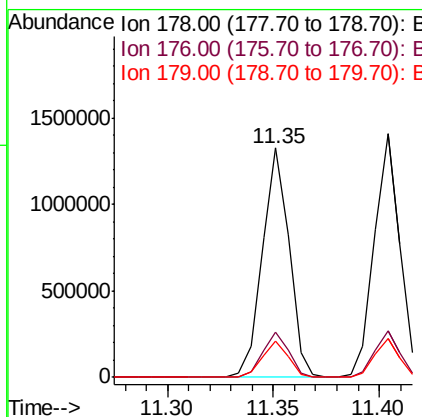
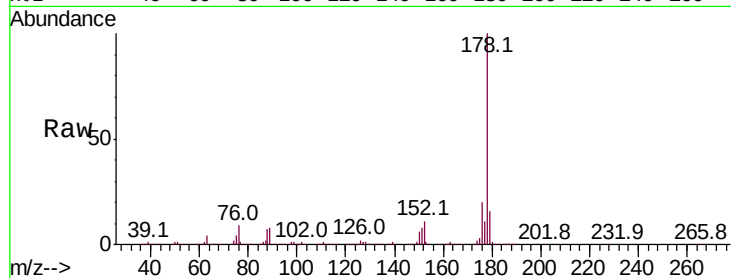
#71
Phenanthrene
Concen: 37.602 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	16.0	13.2	19.8

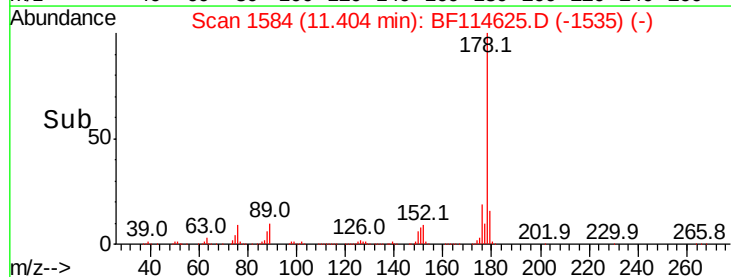
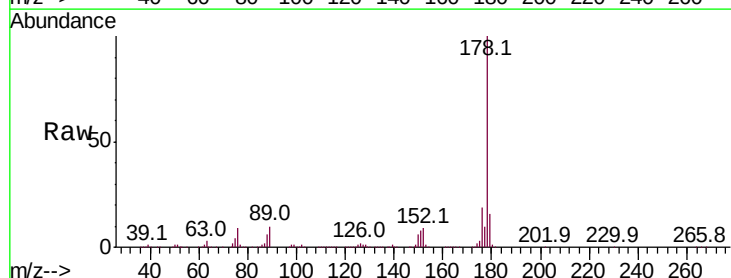
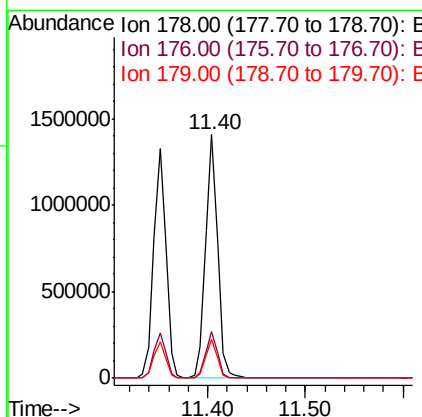
Manual Integrations
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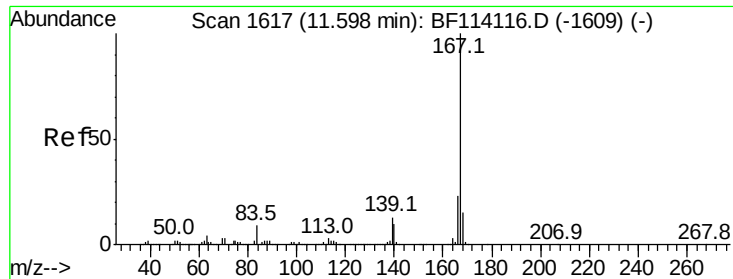
mohammad
5/27/2019 3:50:37 AM



#72
Anthracene
Concen: 38.853 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.8	13.0	19.4





#73

Carbazole

Concen: 38.504 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

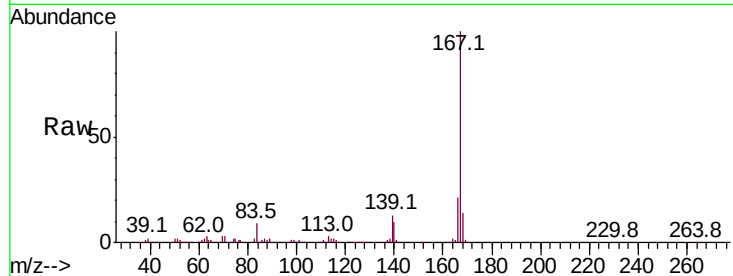
ClientSampleId :

PB120038BS

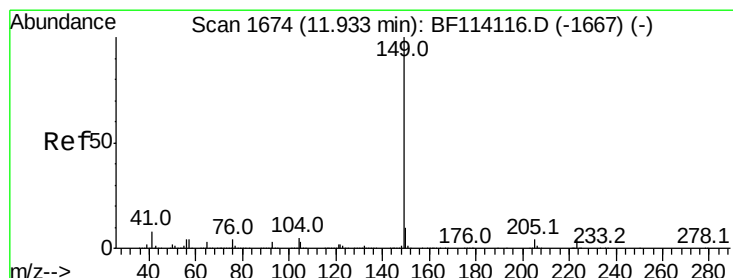
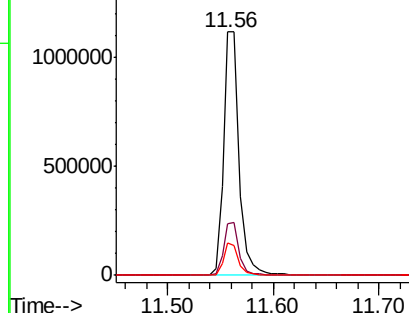
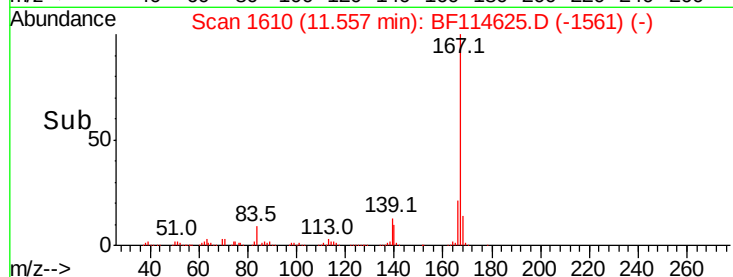
Tot Ion:167	Resp: 1149997		
Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.2
139	13.3	10.6	16.0

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
1500000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.737 ng

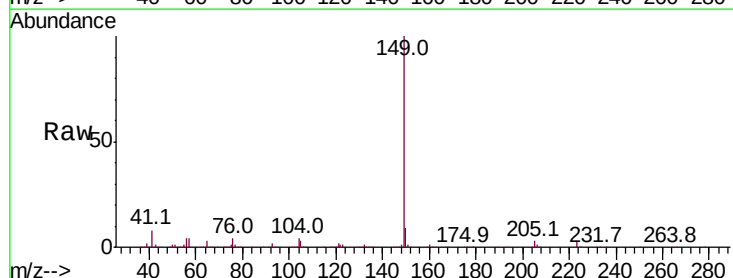
RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

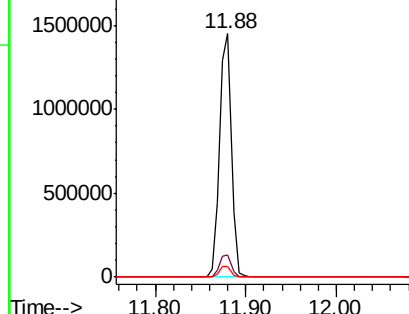
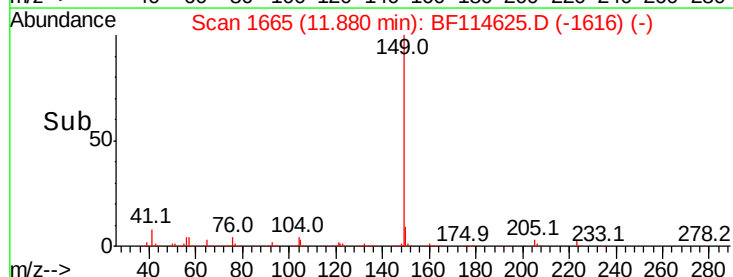
Lab File: BF114625.D

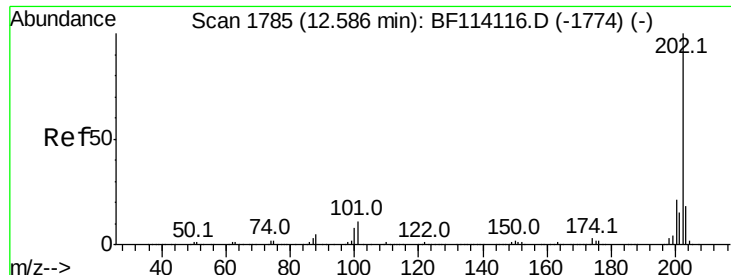
Acq: 26 May 2019 2:22

Tgt Ion:149	Resp: 1298486		
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
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





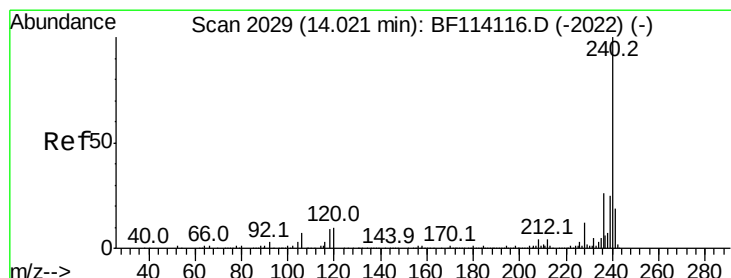
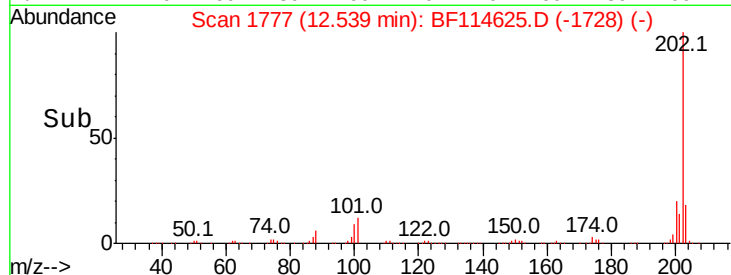
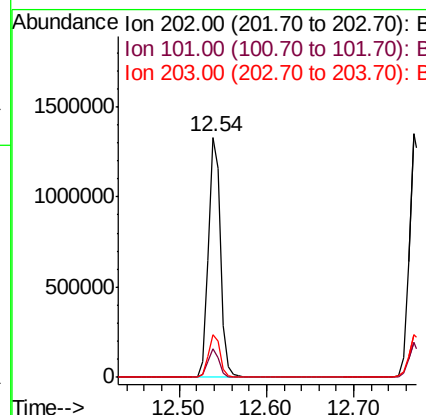
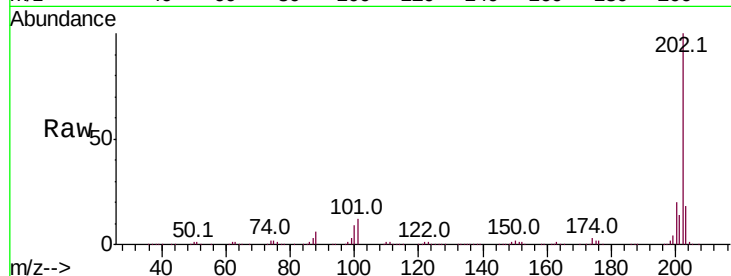
#75
Fluoranthene
Concen: 38.181 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1282116		
101	12.0		0.0	31.0
203	18.0		0.0	38.4

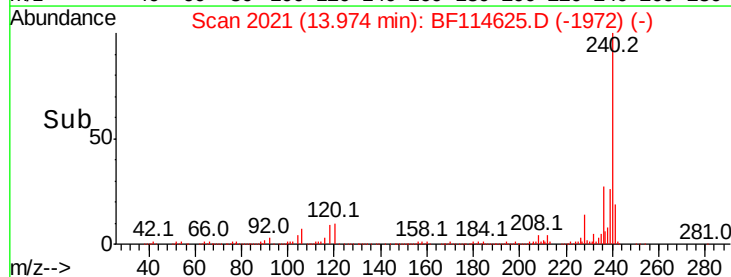
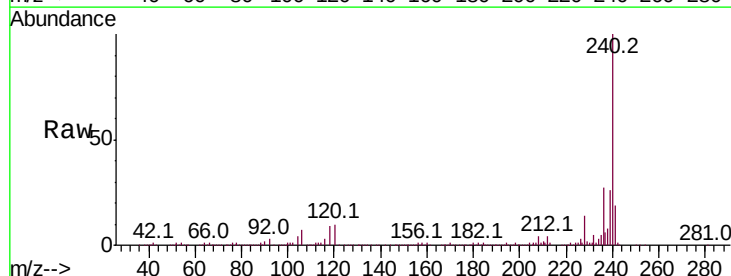
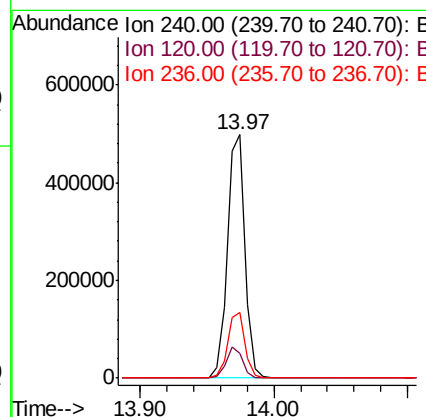
Manual Integrations
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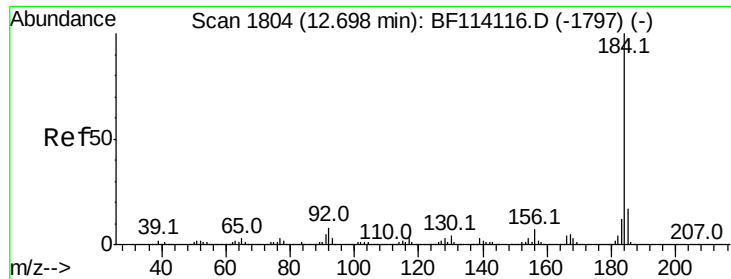
mohammad
5/27/2019 3:50:37 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	462346		
120	10.0		8.3	12.5
236	26.8		20.8	31.2





#77

Benzidine

Concen: 30.327 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

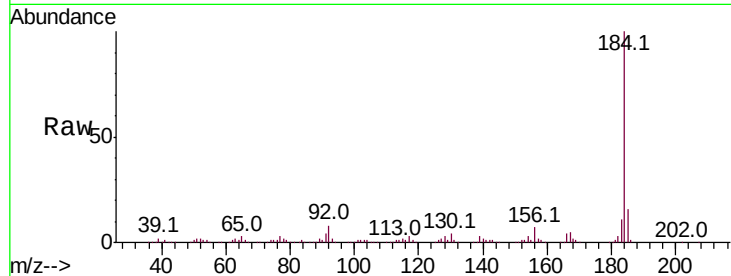
ClientSampleId :

PB120038BS

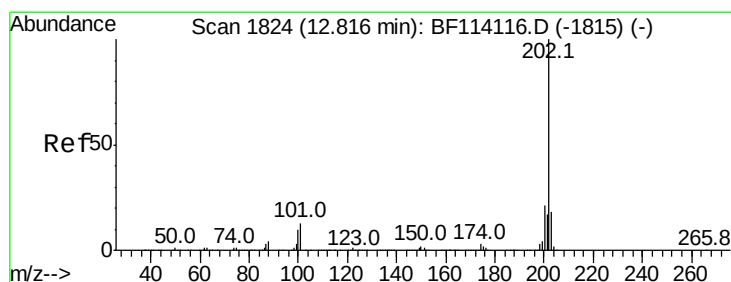
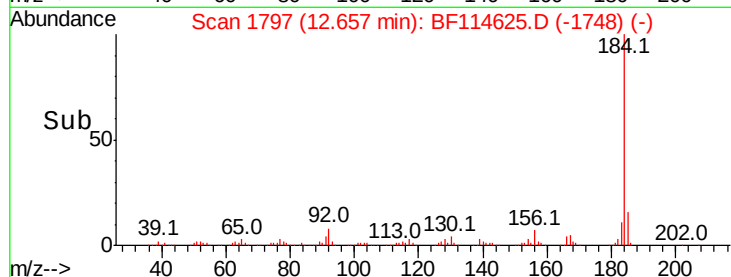
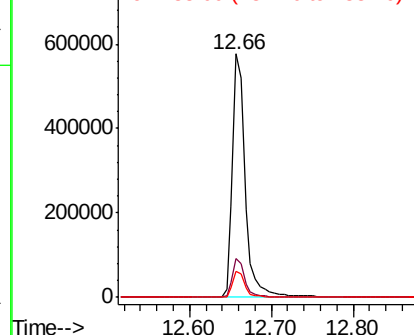
Tot Ion:	184	Resp:	629405
Ion Ratio	Lower	Upper	
184	100		
185	15.9	13.6	20.4
183	10.7	9.2	13.8

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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: 34.893 ng

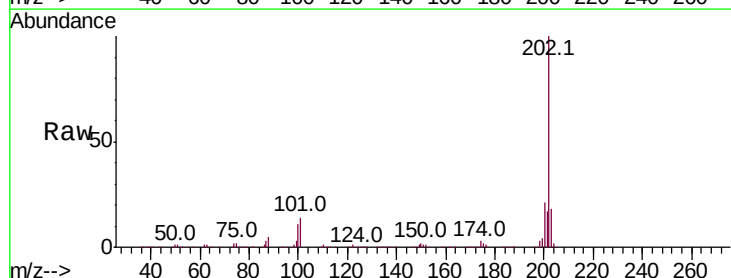
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

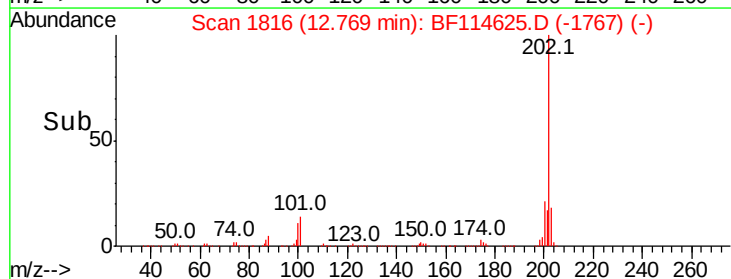
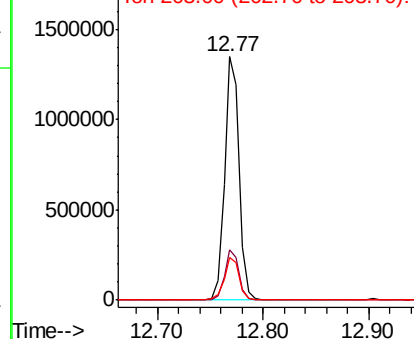
Lab File: BF114625.D

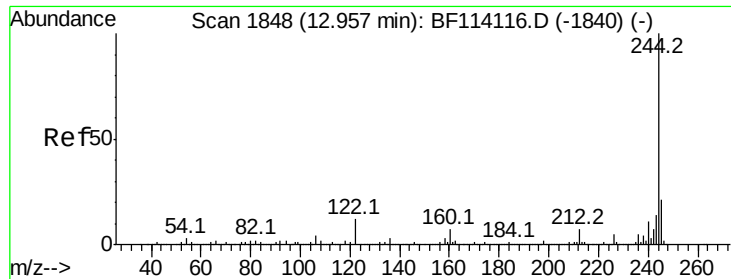
Acq: 26 May 2019 2:22

Tgt Ion:	202	Resp:	1297794
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.9	25.3
203	17.7	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: 79.627 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

Tot Ion:244 Resp: 1785900

Ion Ratio Lower Upper

244 100

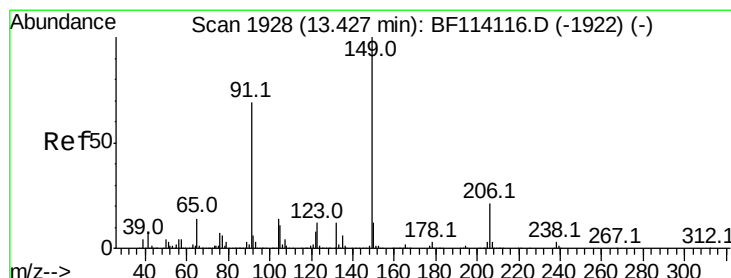
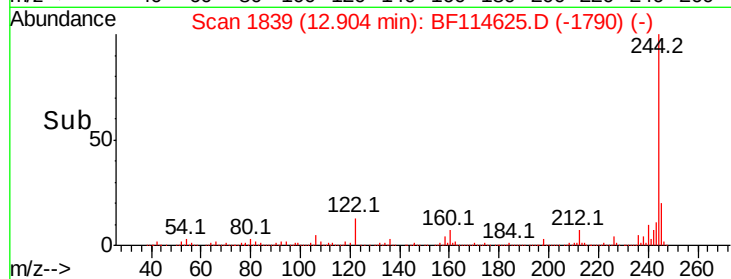
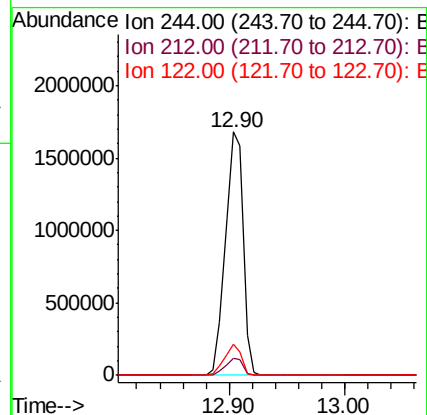
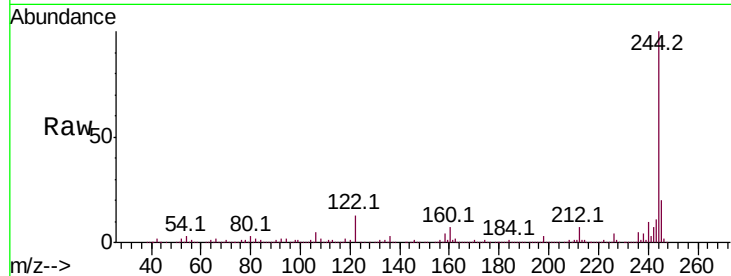
212 7.1 5.8 8.6

122 13.0 9.4 14.2

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#80

Butylbenzylphthalate

Concen: 36.959 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

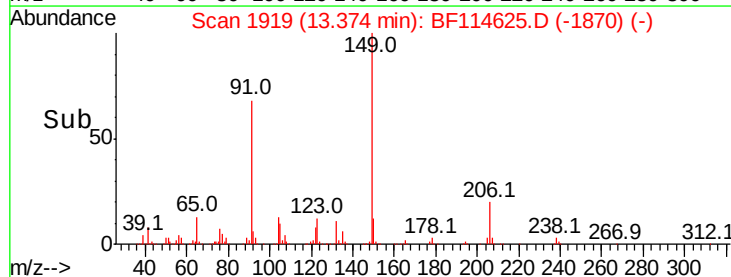
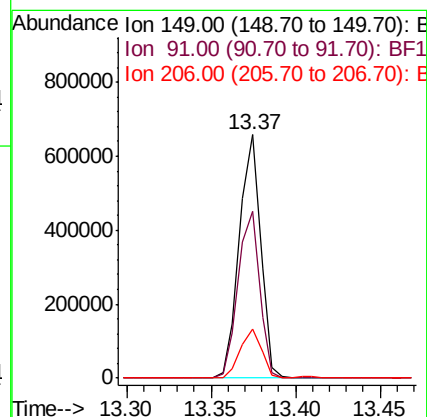
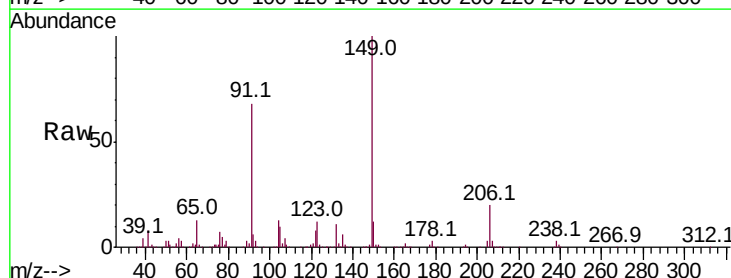
Tgt Ion:149 Resp: 578603

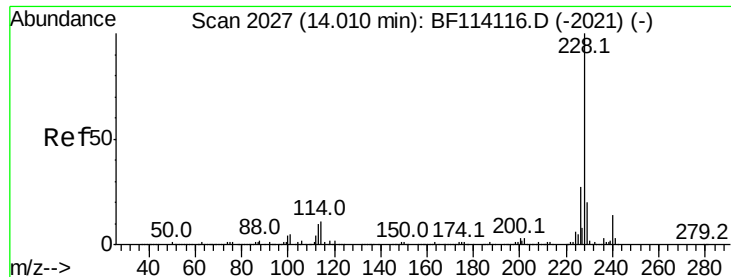
Ion Ratio Lower Upper

149 100

91 68.4 55.0 82.4

206 20.0 16.9 25.3





#81

Benzo(a)anthracene

Concen: 36.857 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

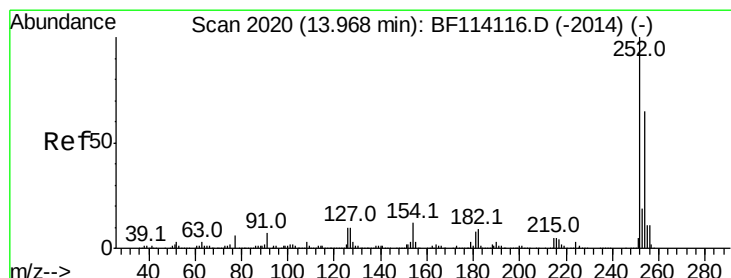
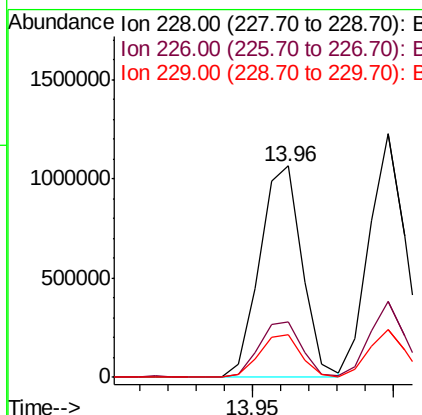
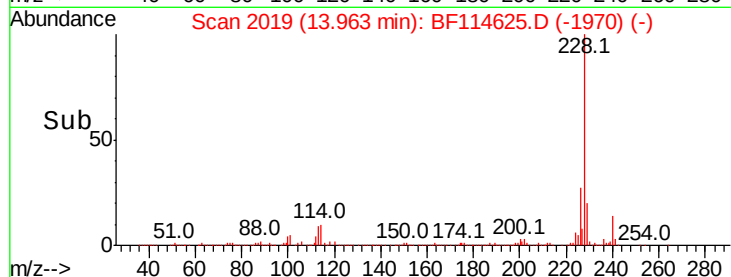
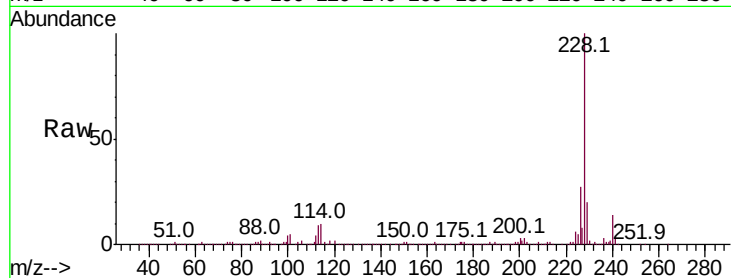
ClientSampleId :

PB120038BS

Tot Ion:	228	Resp:	1102193
Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.2	33.2
229	19.9	16.4	24.6

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#82

3,3'-Dichlorobenzidine

Concen: 27.715 ng

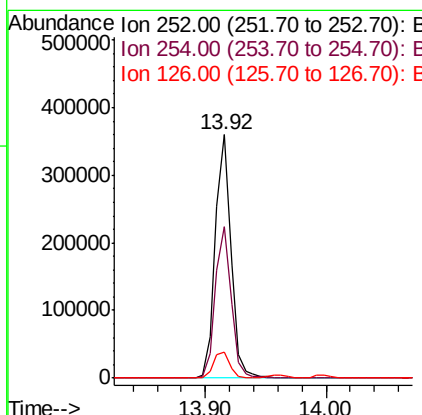
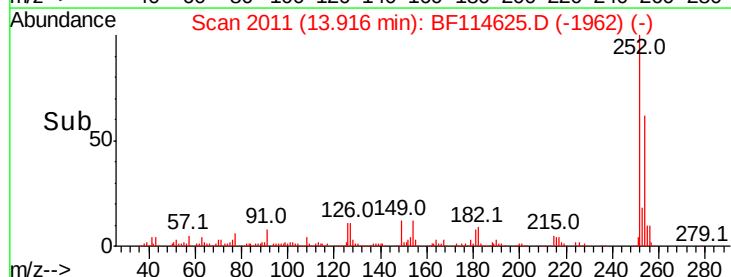
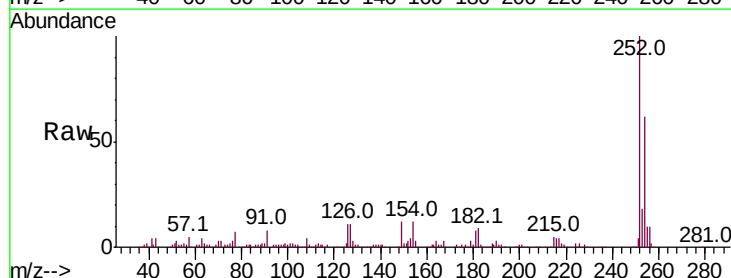
RT: 13.92 min Scan# 2011

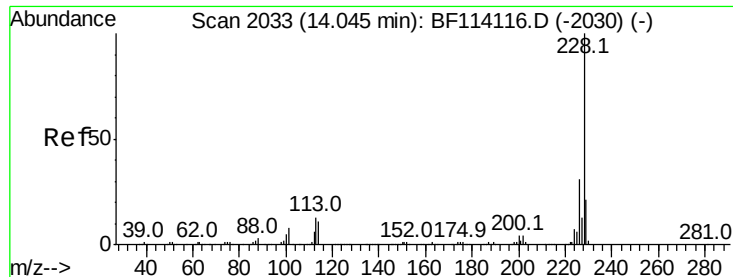
Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Tgt Ion:	252	Resp:	321518
Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.9	77.9
126	10.7	7.9	11.9





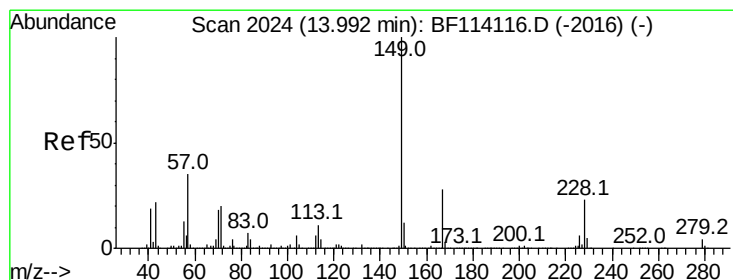
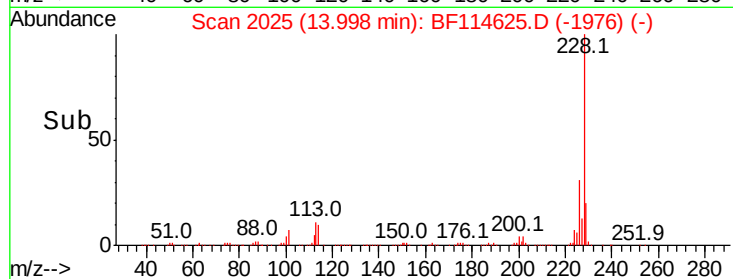
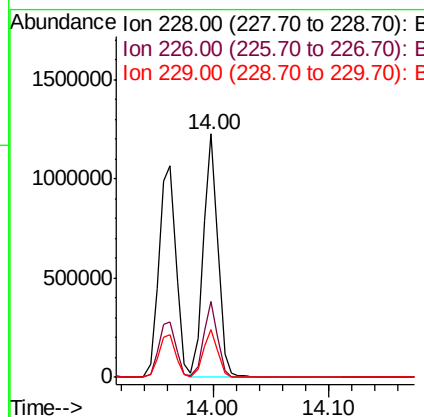
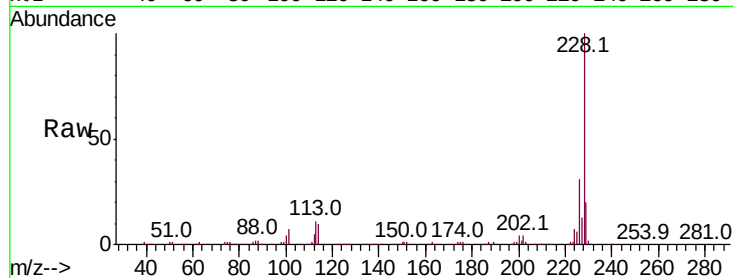
#83
 Chrvsene
 Concen: 37.120 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.6	17.0	25.6

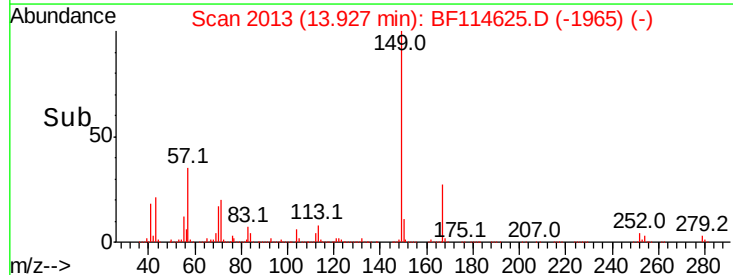
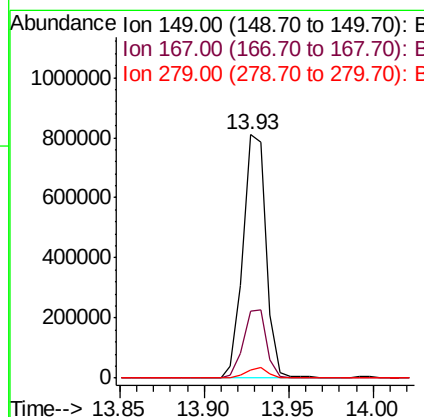
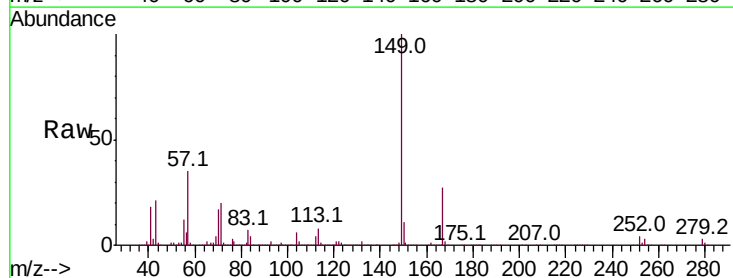
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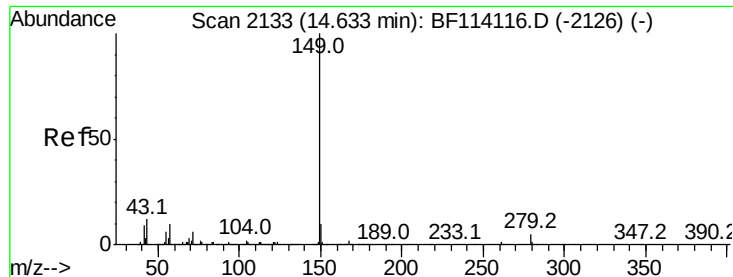
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.860 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.6	33.8
279	3.4	3.0	4.6





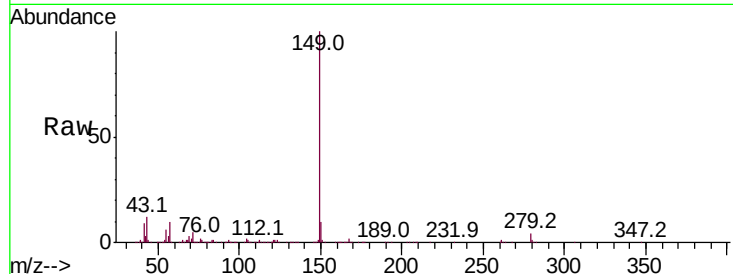
#85
Di-n-octyl phthalate
Concen: 38.503 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

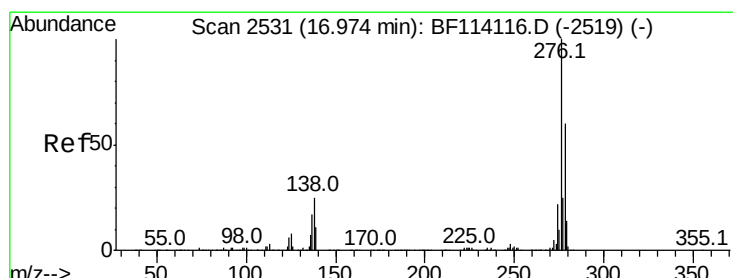
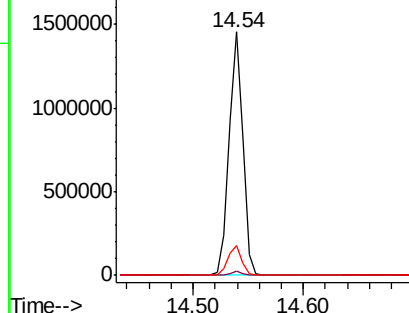
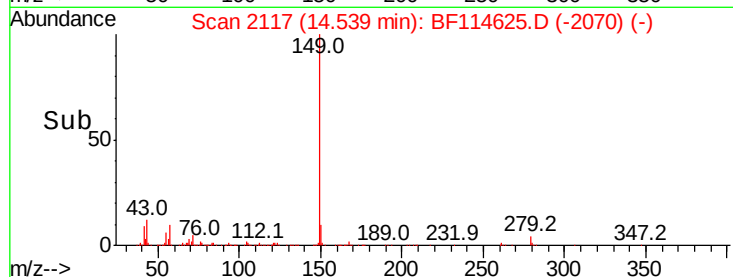
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.9	10.1	15.1

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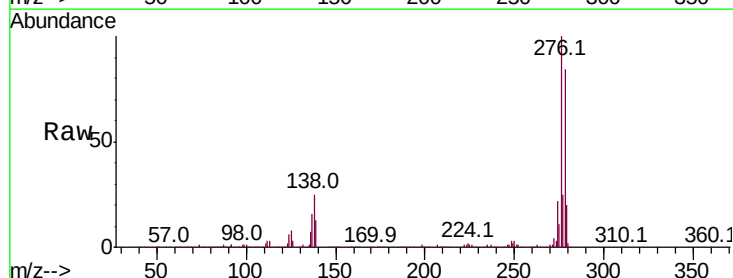


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

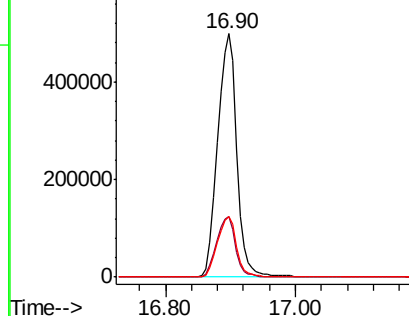
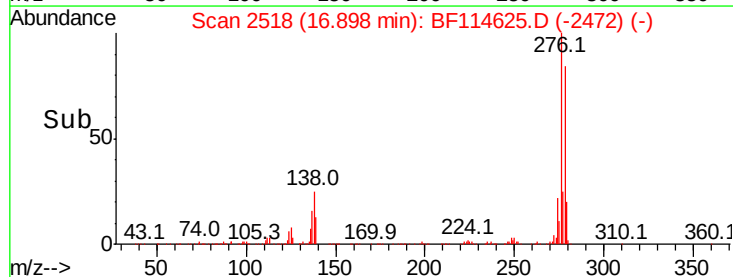


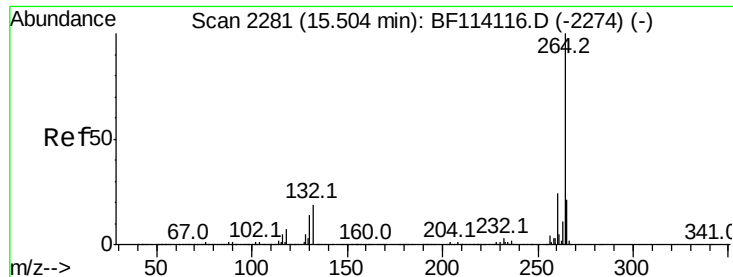
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.178 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.03 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.2	30.2
277	25.0	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
600000 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: BF114625.D

Acq: 26 May 2019 2:22

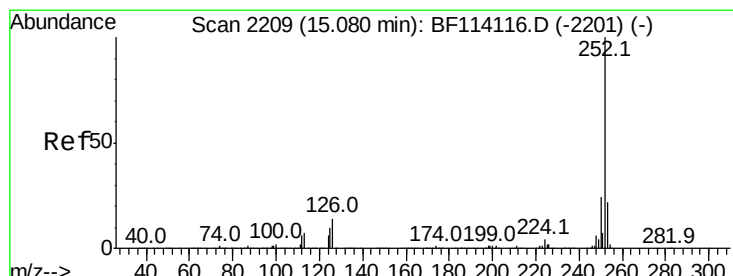
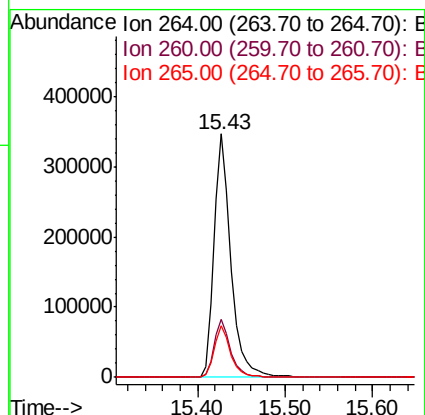
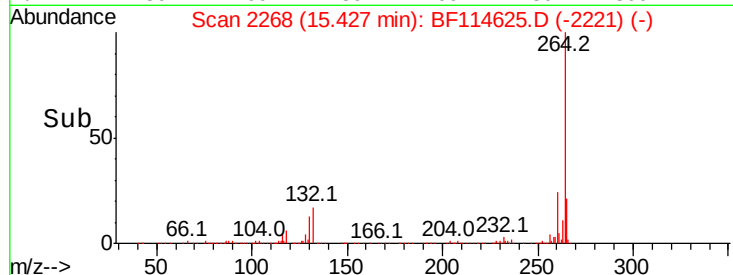
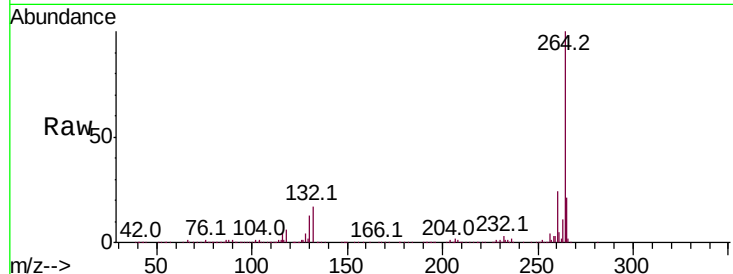
Instrument :
BNA_F

ClientSampleId :
PB120038BS

Tot Ion:	264	Resp:	465211
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.4	29.0
265	21.1	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 37.469 ng

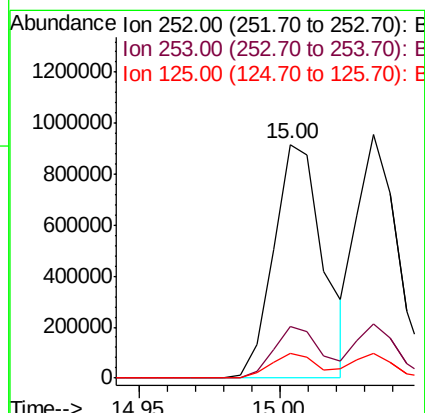
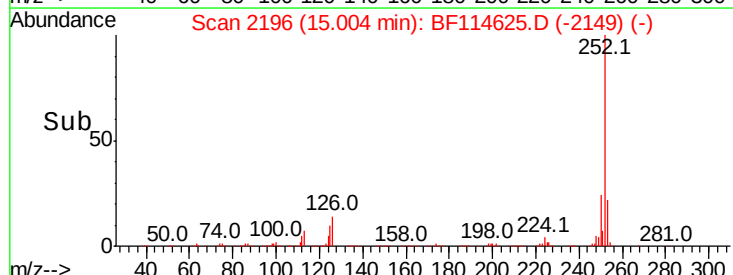
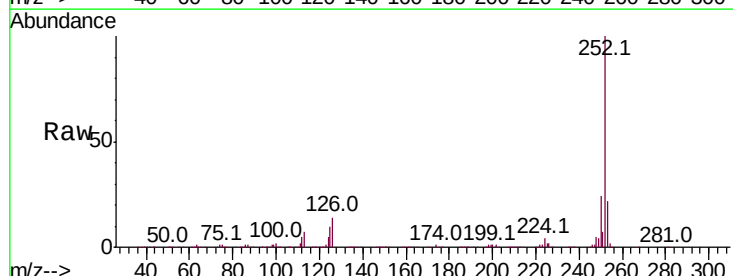
RT: 15.00 min Scan# 2196

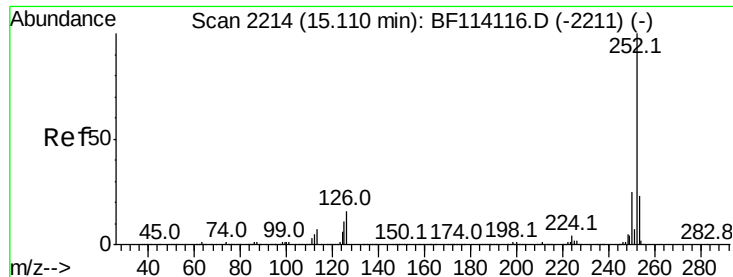
Delta R.T. -0.02 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Tgt Ion:	252	Resp:	1116740
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	10.5	8.3	12.5





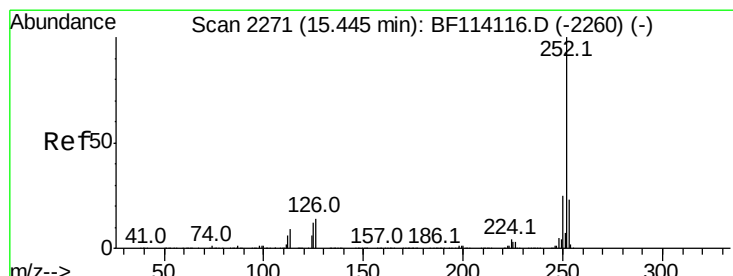
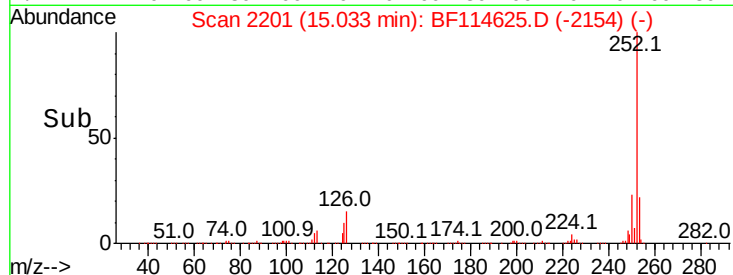
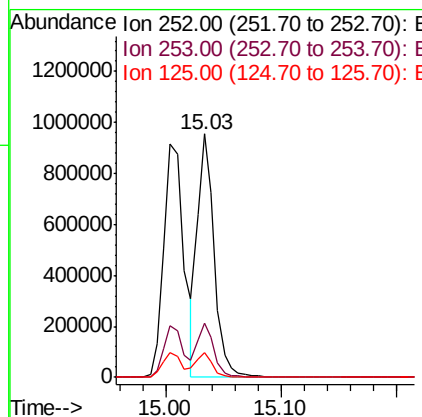
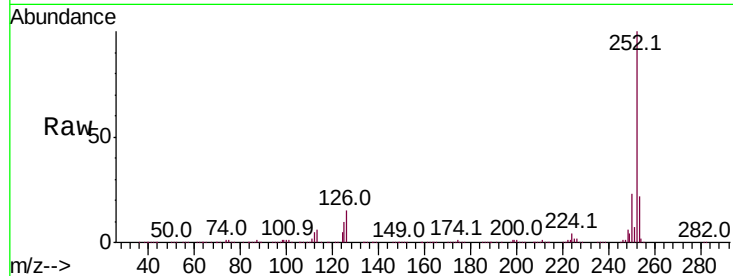
#89
Benzo(k)fluoranthene
Concen: 35.560 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	973562		
253	22.3	18.2	27.2	
125	10.3	8.6	13.0	

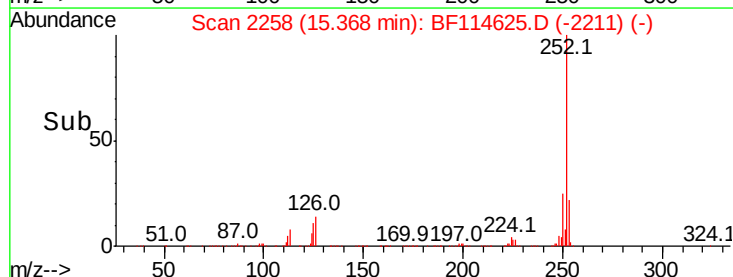
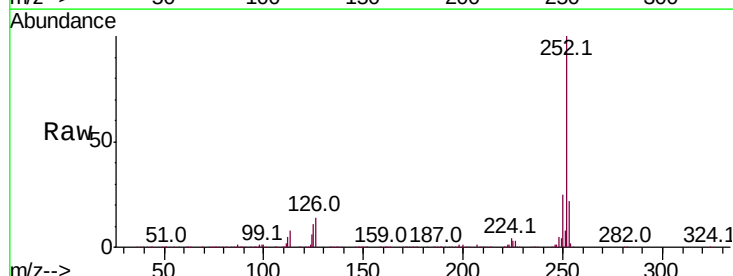
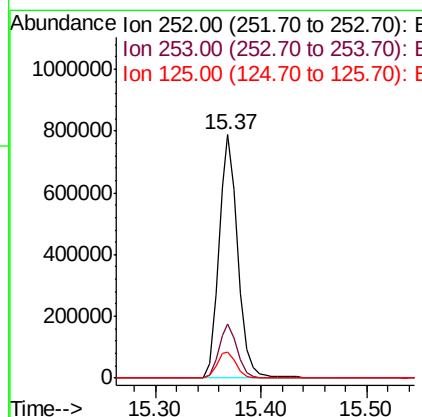
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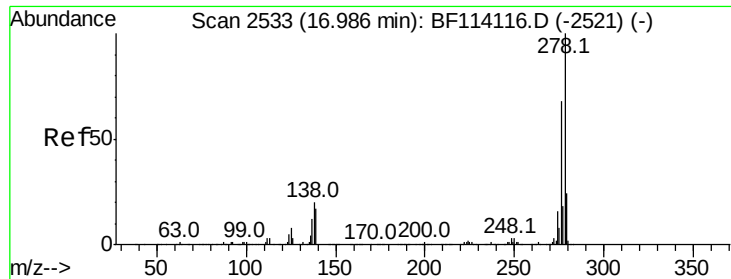
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#90
Benzo(a)pyrene
Concen: 37.606 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	986399		
253	22.2	18.1	27.1	
125	10.9	9.5	14.3	





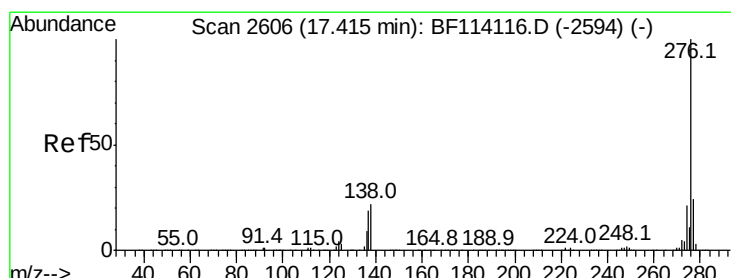
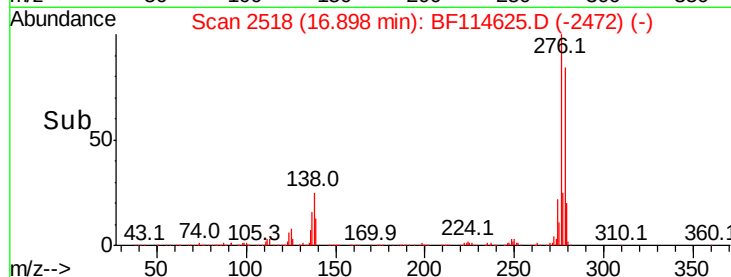
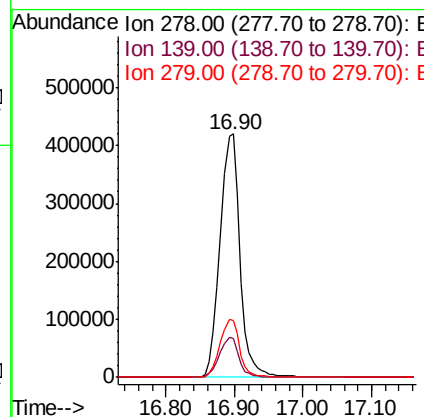
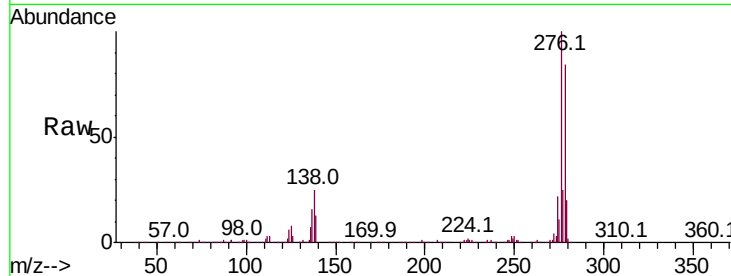
#91
Dibenzo(a,h)anthracene
Concen: 39.002 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.03 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampled :
PB120038BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.5	20.3
279	23.5	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 39.851 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.04 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	21.2	17.8	26.6

