

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114651.D
 Acq On : 30 May 2019 9:18
 Operator : HP/JU
 Sample : PB119288BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BS

Manual Integrations
 APPROVED

mohammad
 6/3/2019 8:46:51 AM

Quant Time: May 30 14:27:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	196086	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	825523	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	416556	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	795589	20.00	ng	0.00
76) Chrysene-d12	13.82	240	482107	20.00	ng	0.00
87) Perylene-d12	15.20	264	419918	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1274799	114.14	ng	0.02
7) Phenol-d6	6.33	99	1579993	117.40	ng	0.00
23) Nitrobenzene-d5	7.25	82	817936	61.82	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	434983	109.59	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1692780	67.51	ng	0.00
79) Terphenyl-d14	12.77	244	1824278	71.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	470791	87.841	ng	98
3) Pyridine	3.16	79	1246812	79.934	ng	98
4) n-Nitrosodimethylamine	3.10	42	527678	83.598	ng	98
6) Aniline	6.35	93	1144438	56.296	ng	98
8) 2-Chlorophenol	6.48	128	1199590	93.006	ng	99
9) Benzaldehyde	6.23	77	220647	28.734	ng	97
10) Phenol	6.34	94	1459369	89.763	ng	97
11) bis(2-Chloroethyl)ether	6.43	93	1097387	88.244	ng	98
12) 1,3-Dichlorobenzene	6.63	146	1227744	83.550	ng	97
13) 1,4-Dichlorobenzene	6.71	146	1251324	84.883	ng	98
14) 1,2-Dichlorobenzene	6.86	146	1197195	89.202	ng	99
15) Benzyl Alcohol	6.84	79	970850	91.708	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1589947	83.358	ng	99
17) 2-Methylphenol	6.96	107	987895	90.557	ng	100
18) Hexachloroethane	7.21	117	467737	83.801	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	773600	83.275	ng	99
20) 3+4-Methylphenols	7.10	107	1101823	85.876	ng	96
22) Acetophenone	7.10	105	1503884	85.499	ng	97
24) Nitrobenzene	7.27	77	1215227	86.458	ng	94
25) Isophorone	7.52	82	2239646	84.341	ng	99
26) 2-Nitrophenol	7.59	139	629581	92.019	ng	99
27) 2,4-Dimethylphenol	7.64	122	1104971	97.108	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	1409382	83.376	ng	99
29) 2,4-Dichlorophenol	7.83	162	1040265	89.817	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	1118854	84.791	ng	100
31) Naphthalene	8.00	128	3237022	85.129	ng	100
32) Benzoic acid	7.77	122	797890	107.958	ng	97
33) 4-Chloroaniline	8.05	127	878346	48.484	ng	98
34) Hexachlorobutadiene	8.13	225	598275	81.617	ng	99
35) Caprolactam	8.42	113	319835m	81.829	ng	
36) 4-Chloro-3-methylphenol	8.53	107	1040157	89.553	ng	97
37) 2-Methylnaphthalene	8.69	142	2272968	89.966	ng	99
38) 1-Methylnaphthalene	8.79	142	2165934	90.484	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	923707	83.268	ng	99

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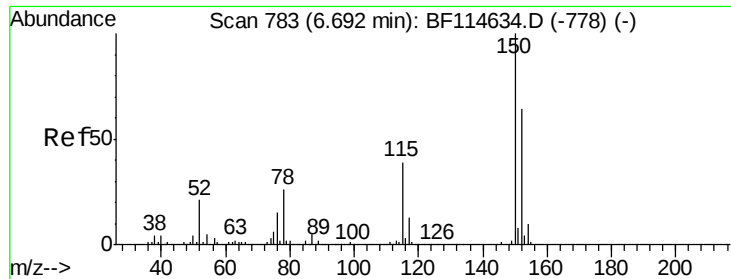
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1047269	142.862	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	771735	88.415	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	765382	87.872	ng	99
46) 1,1'-Biphenyl	9.15	154	2600701	84.107	ng	100
47) 2-Chloronaphthalene	9.17	162	2106249	83.039	ng	100
48) 2-Nitroaniline	9.26	65	636595	81.329	ng	100
49) Acenaphthylene	9.59	152	3196738	81.580	ng	98
50) Dimethylphthalate	9.46	163	2402381	82.766	ng	99
51) 2,6-Dinitrotoluene	9.51	165	576211	85.432	ng	98
52) Acenaphthene	9.76	154	2216285	92.225	ng	99
53) 3-Nitroaniline	9.67	138	457939	55.476	ng	98
54) 2,4-Dinitrophenol	9.78	184	548368	206.124	ng	95
55) Dibenzofuran	9.93	168	2812954	82.232	ng	98
56) 4-Nitrophenol	9.84	139	1029153	168.239	ng	93
57) 2,4-Dinitrotoluene	9.91	165	763487	88.203	ng	95
58) Fluorene	10.27	166	1955282	84.654	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	641198	89.936	ng	100
60) Diethylphthalate	10.16	149	2394041	80.755	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	970129	83.949	ng	99
62) 4-Nitroaniline	10.29	138	592212	73.623	ng	97
63) Azobenzene	10.42	77	2233776	82.069	ng	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	326448	92.537	ng	80
66) n-Nitrosodiphenylamine	10.38	169	1979075	84.195	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	697677	81.775	ng	98
68) Hexachlorobenzene	10.82	284	741668	80.260	ng	100
69) Atrazine	10.91	200	608636	82.181	ng	100
70) Pentachlorophenol	11.00	266	867630	162.879	ng	98
71) Phenanthrene	11.22	178	3100419	76.395	ng	99
72) Anthracene	11.27	178	3149777	76.683	ng	98
73) Carbazole	11.43	167	2863807	79.331	ng	99
74) Di-n-butylphthalate	11.77	149	3407825	77.697	ng	99
75) Fluoranthene	12.40	202	3153567	75.042	ng	98
77) Benzidine	12.52	184	1049235	52.852	ng	99
78) Pyrene	12.63	202	3180101	77.977	ng	98
80) Butylbenzylphthalate	13.26	149	1560847	76.154	ng	98
81) Benzo(a)anthracene	13.81	228	2869242	77.446	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	992144	69.344	ng	98
83) Chrysene	13.85	228	2787723	78.757	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	2034760	80.302	ng	100
85) Di-n-octyl phthalate	14.43	149	3402749	77.291	ng	99
86) Indeno(1,2,3-cd)pyrene	16.53	276	2788444	78.655	ng	100
88) Benzo(b)fluoranthene	14.82	252	3001113	113.472	ng	100
89) Benzo(k)fluoranthene	14.85	252	2627625	114.304	ng	100
90) Benzo(a)pyrene	15.15	252	2710074	116.641	ng	96
91) Dibenzo(a,h)anthracene	16.55	278	2321219	113.058	ng	99
92) Benzo(g,h,i)perylene	16.93	276	2300326	115.438	ng	98

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



#1

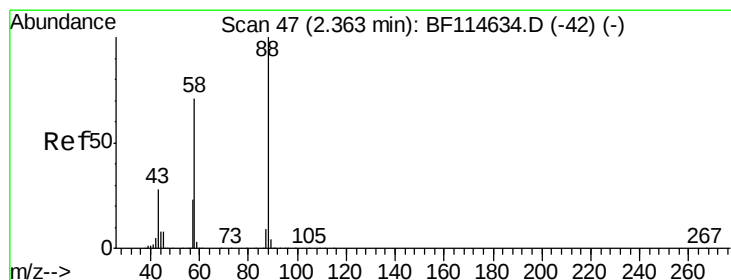
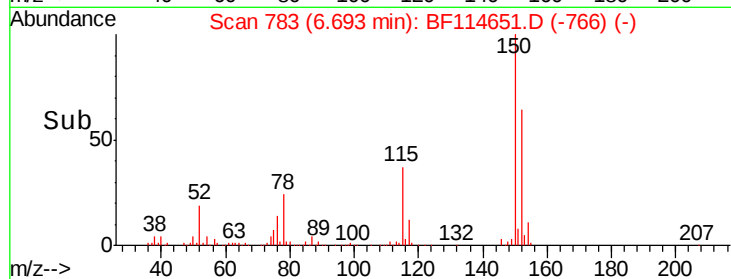
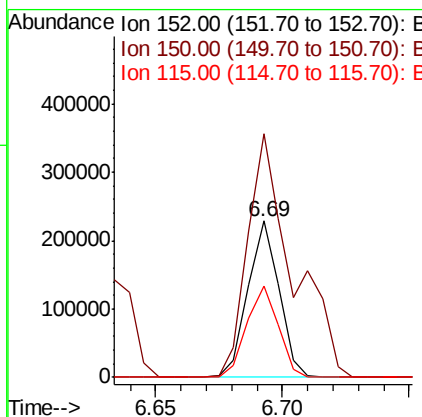
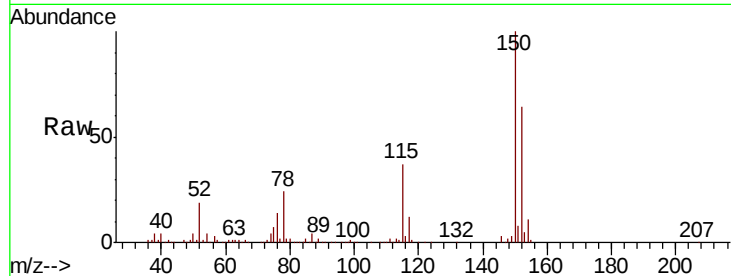
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.4	186.6
115	58.2	48.7	73.1

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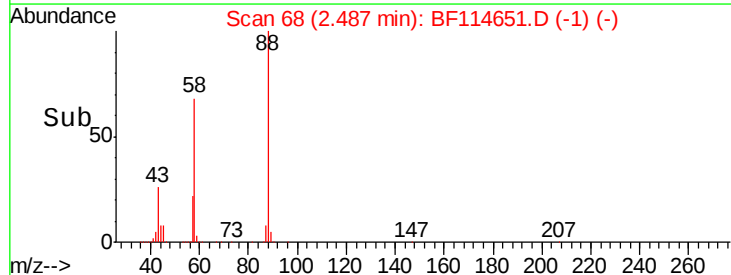
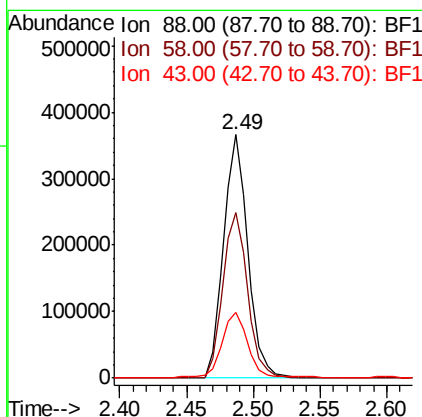
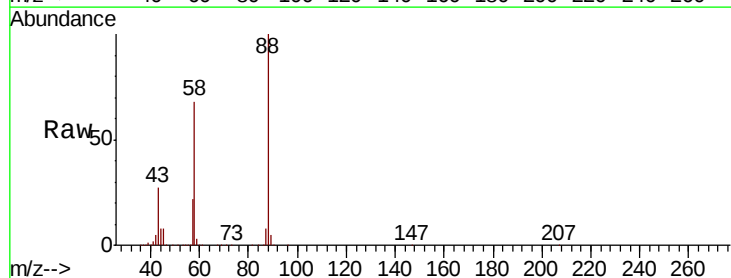
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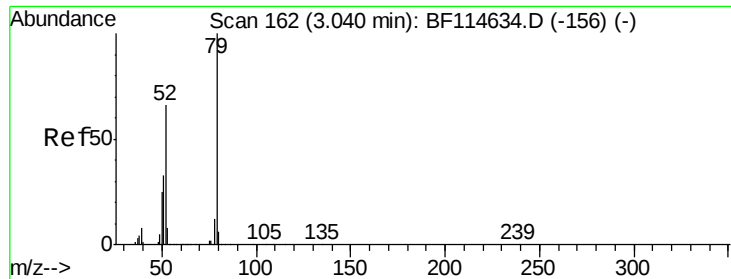


#2

1,4-Dioxane
Concen: 87.841 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.12 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	57.2	85.8
43	27.9	22.6	33.8





#3

Pvridine

Concen: 79.934 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.12 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion: 79 Resp: 1246812

Ion Ratio Lower Upper

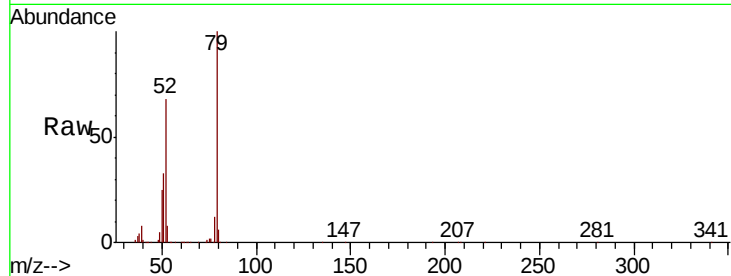
79 100

52 67.7 52.8 79.2

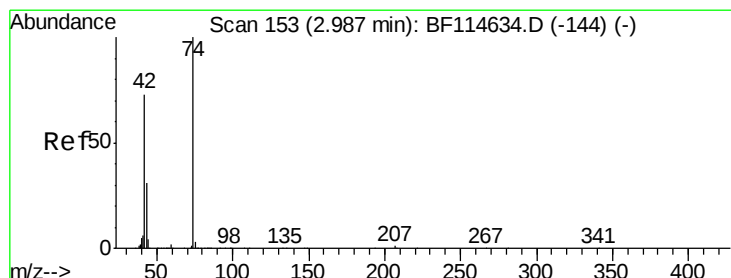
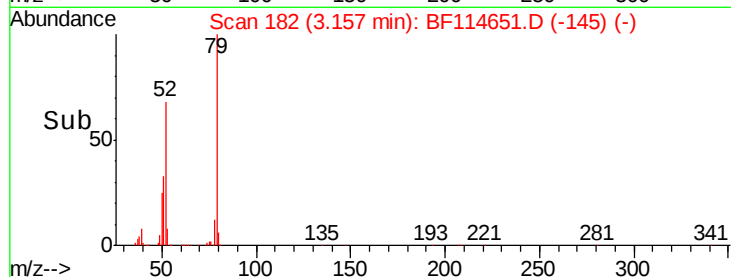
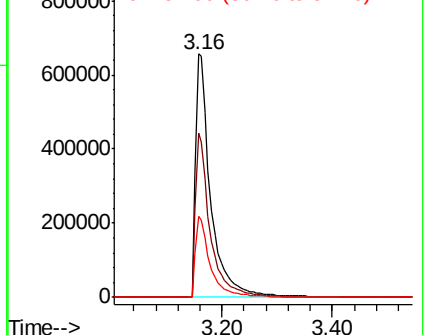
51 33.2 26.3 39.5

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 83.598 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.12 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

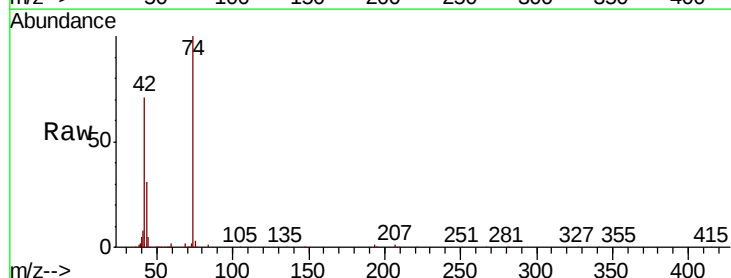
Tgt Ion: 42 Resp: 527678

Ion Ratio Lower Upper

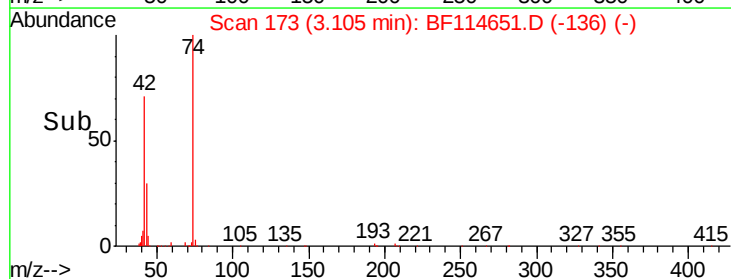
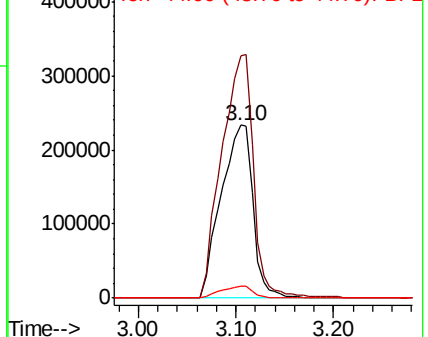
42 100

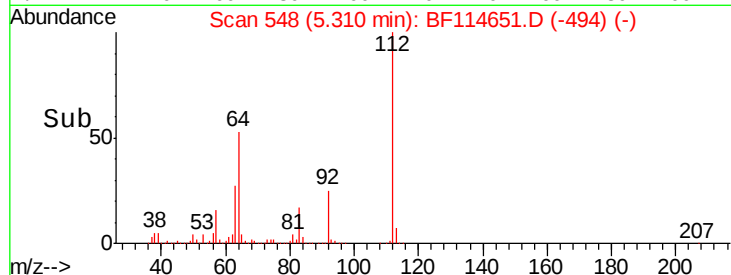
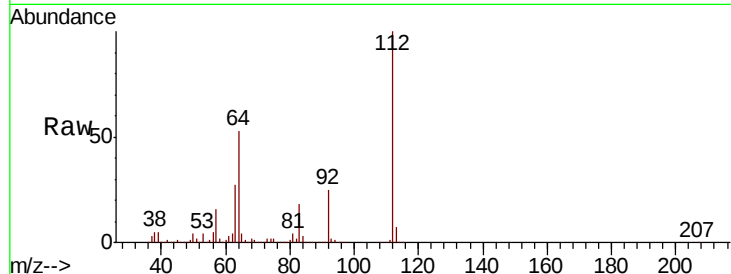
74 140.4 110.0 165.0

44 6.8 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





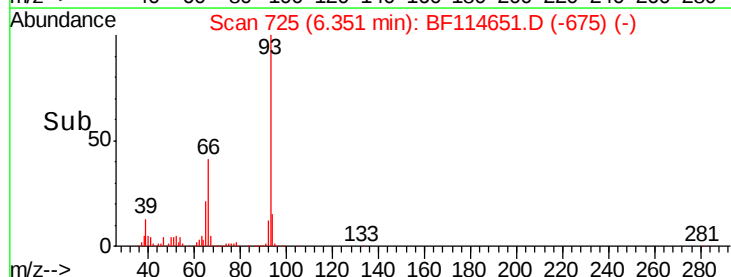
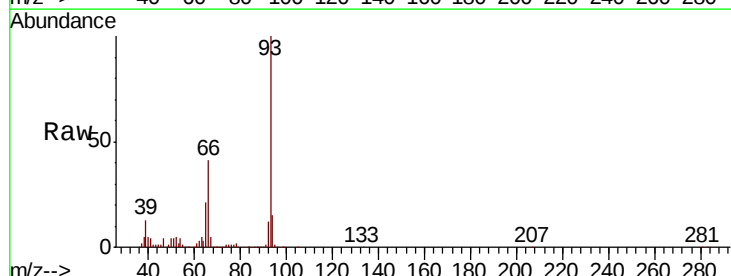
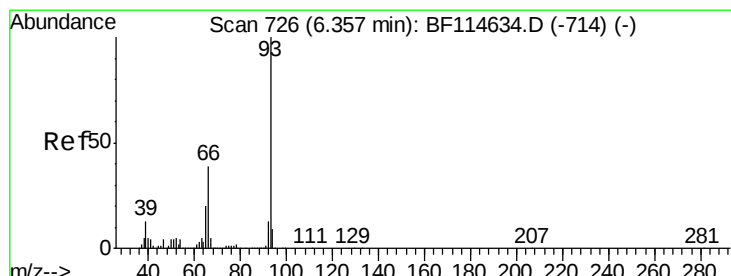
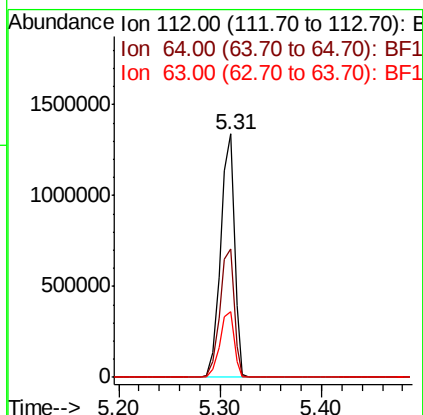
#5
2-Fluorophenol
Concen: 114.143 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.02 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tot Ion	Ratio	Lower	Upper
112	100		
64	52.7	46.1	69.1
63	27.2	23.4	35.2

Instrument :
BNA_F
ClientSampleId :
PB119288BS

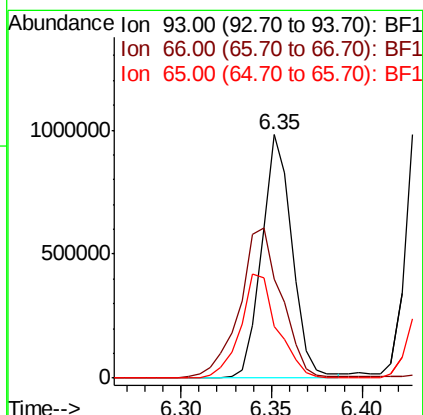
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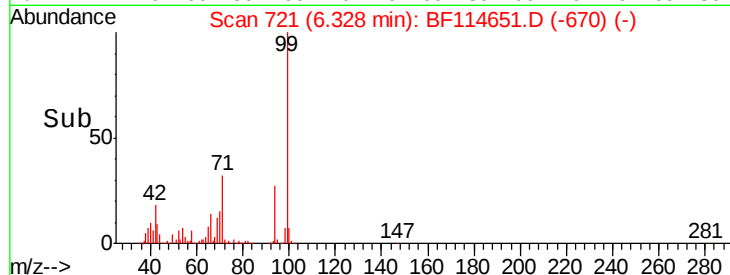
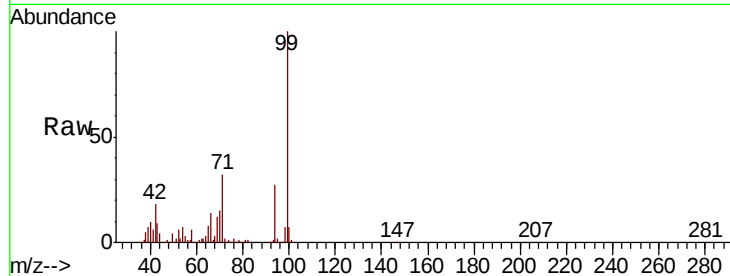
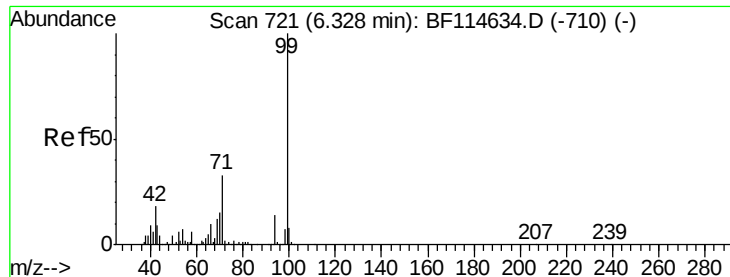
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#6
Aniline
Concen: 56.296 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.5	31.4	47.2
65	21.0	16.2	24.2





#7

Phenol-d6

Concen: 117.398 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tot Ion: 99 Resp: 1579993

Ion Ratio Lower Upper

99 100

42 17.9 14.7 22.1

71 32.4 26.6 40.0

Instrument :

BNA_F

ClientSampleId :

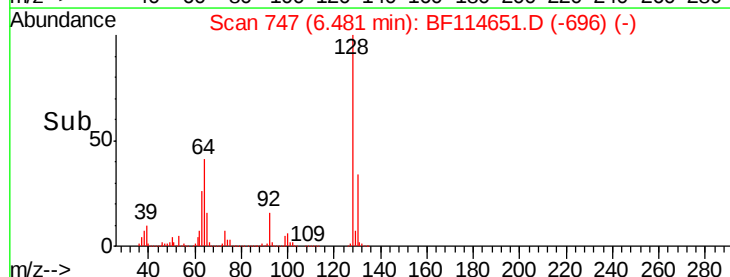
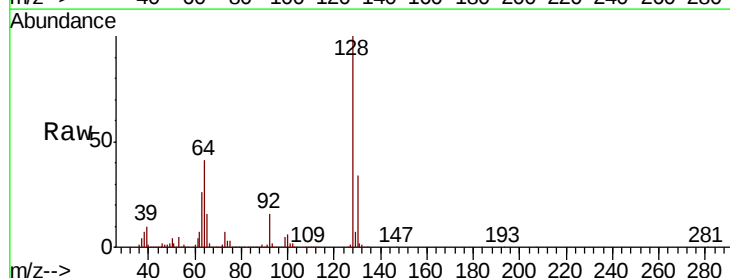
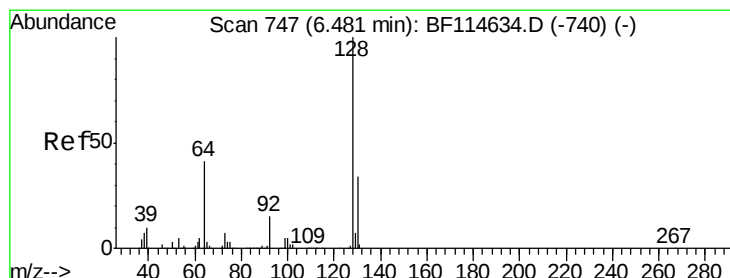
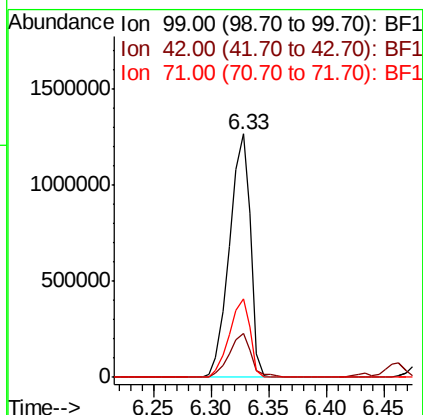
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#8

2-Chlorophenol

Concen: 93.006 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

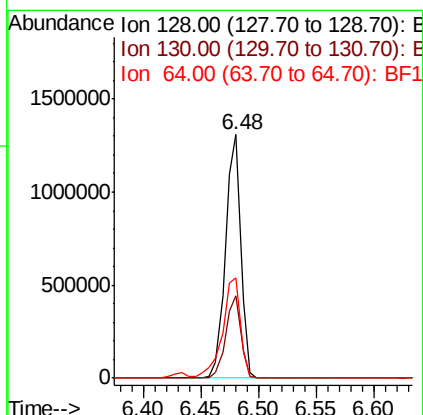
Tgt Ion:128 Resp: 1199590

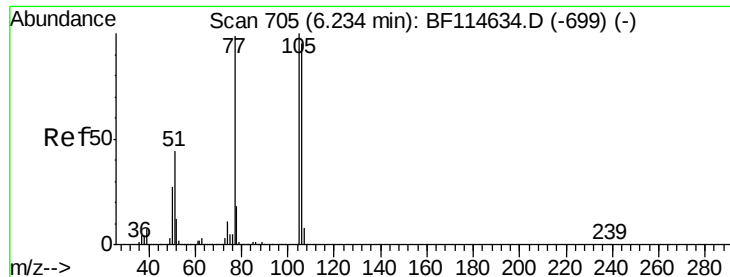
Ion Ratio Lower Upper

128 100

130 34.1 13.9 53.9

64 41.3 22.0 62.0





#9

Benzaldehyde

Concen: 28.734 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

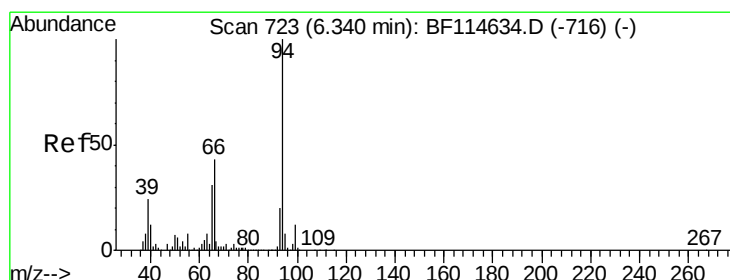
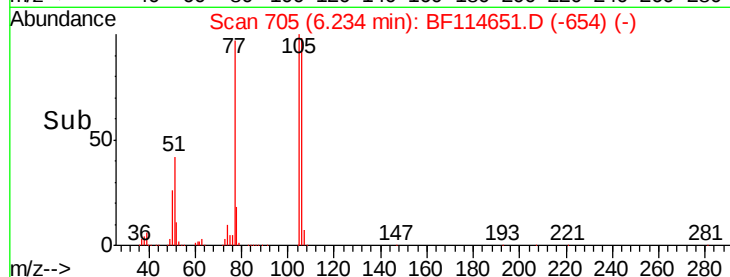
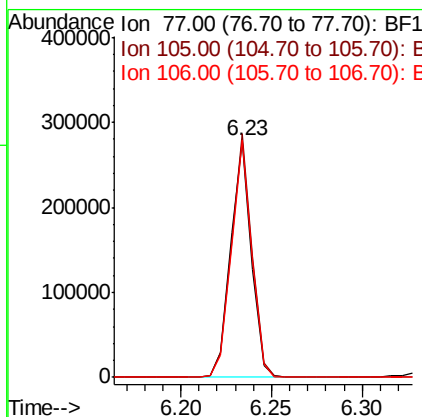
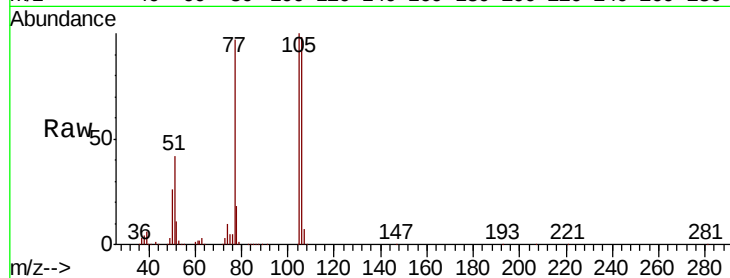
ClientSampleId :

PB119288BS

Tot Ion:	77	Resp:	220647
Ion Ratio	Lower	Upper	
77	100		
105	103.2	80.8	120.8
106	100.7	76.2	116.2

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#10

Phenol

Concen: 89.763 ng

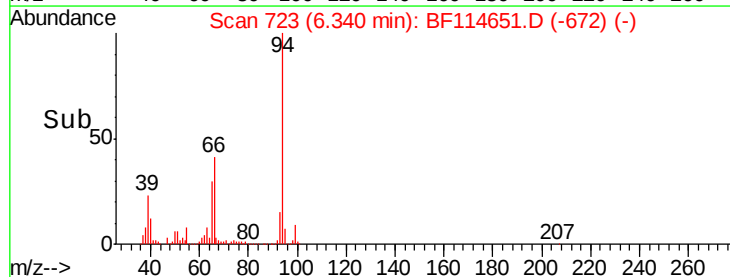
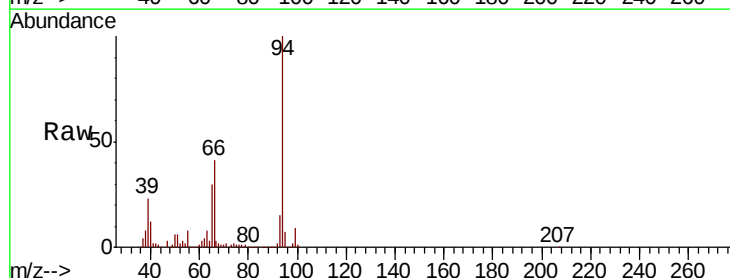
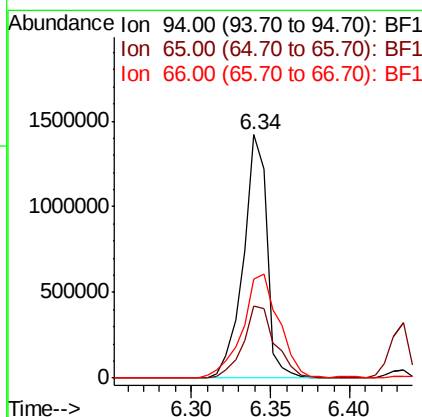
RT: 6.34 min Scan# 723

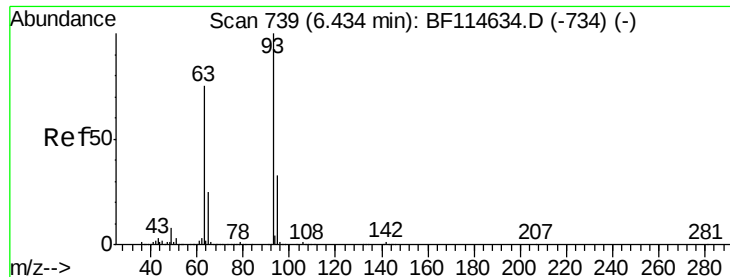
Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tgt Ion:	94	Resp:	1459369
Ion Ratio	Lower	Upper	
94	100		
65	29.6	11.0	51.0
66	40.8	23.0	63.0





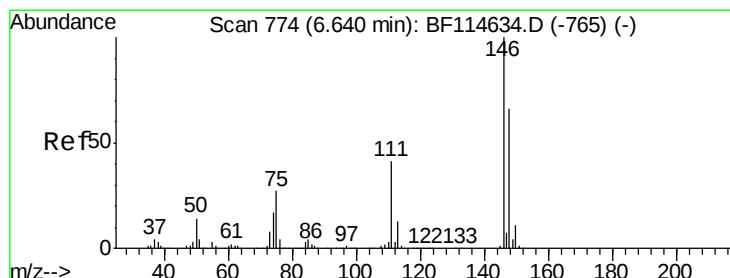
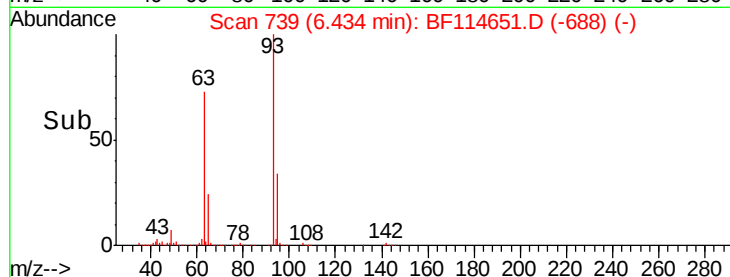
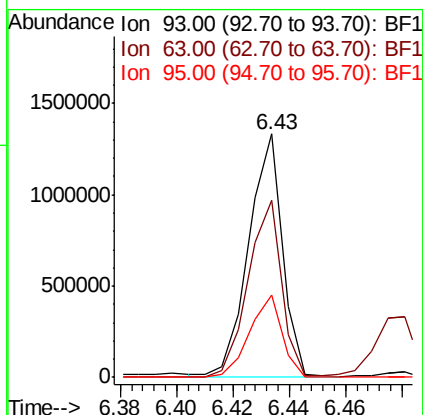
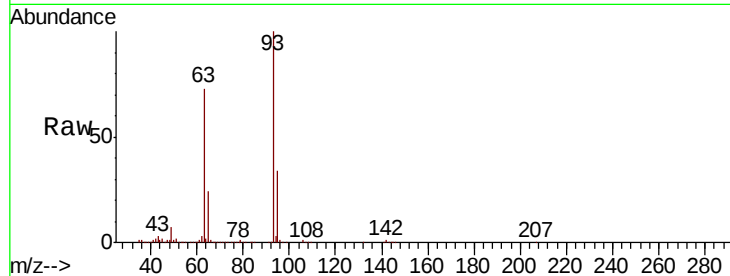
#11
bis(2-Chloroethyl)ether
Concen: 88.244 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.6	55.0	95.0
95	33.6	13.5	53.5

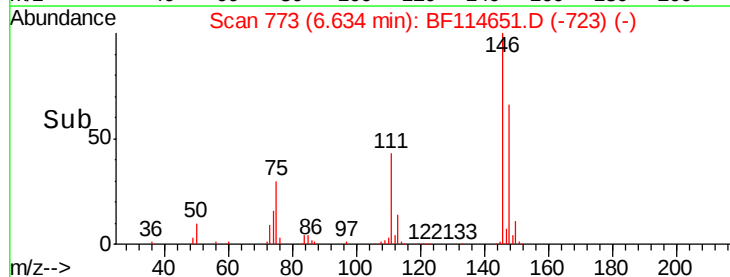
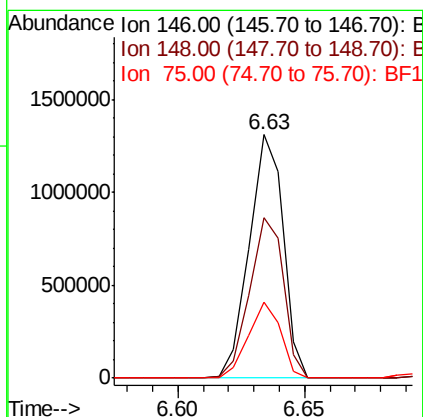
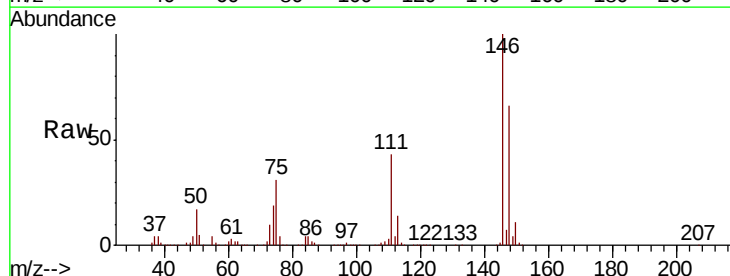
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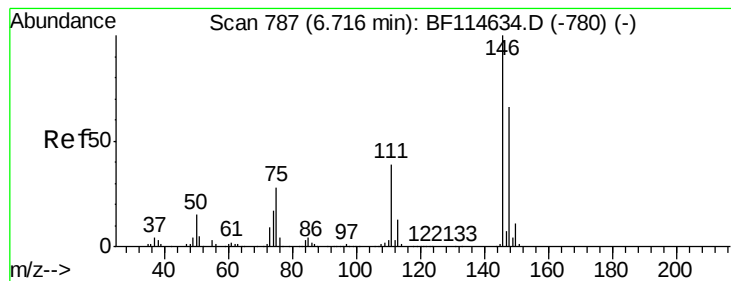
mohammad
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#12
1,3-Dichlorobenzene
Concen: 83.550 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.9	79.3
75	31.3	22.0	33.0





#13

1,4-Dichlorobenzene

Concen: 84.883 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion:146 Resp: 1251324

Ion Ratio Lower Upper

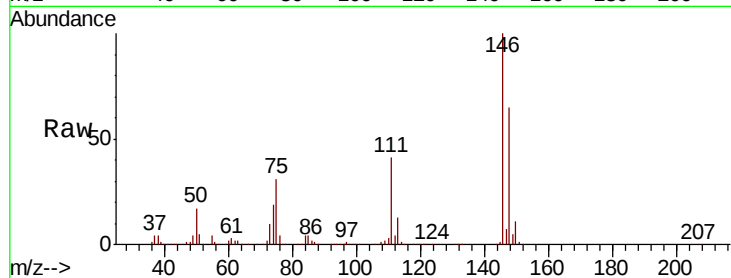
146 100

148 65.1 52.5 78.7

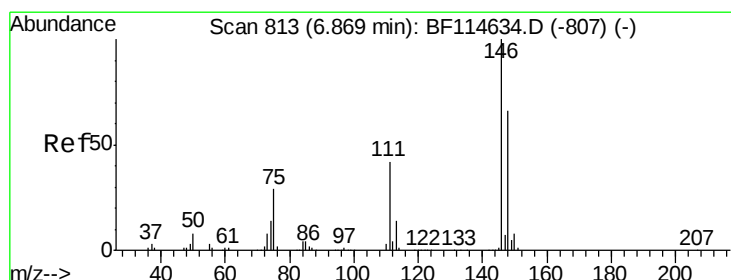
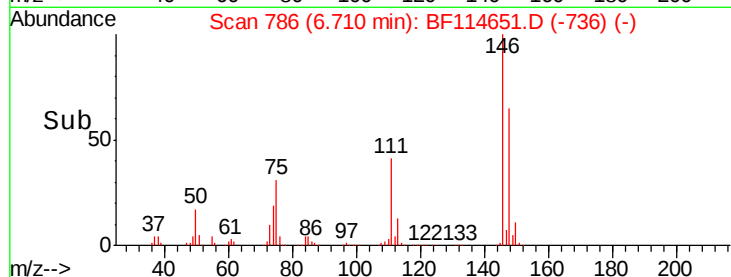
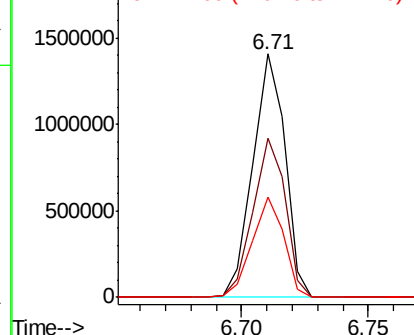
111 41.2 31.4 47.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 89.202 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

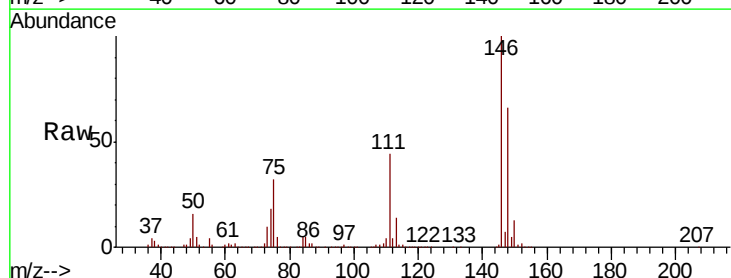
Tgt Ion:146 Resp: 1197195

Ion Ratio Lower Upper

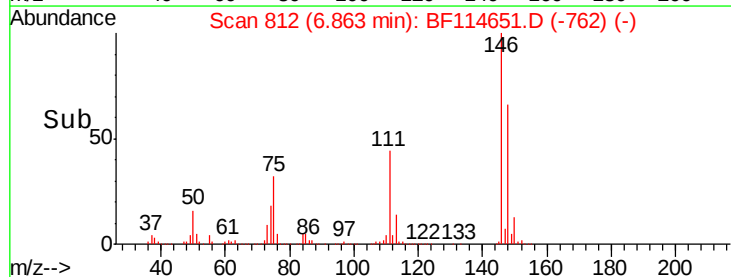
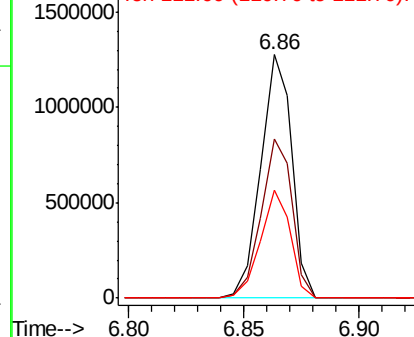
146 100

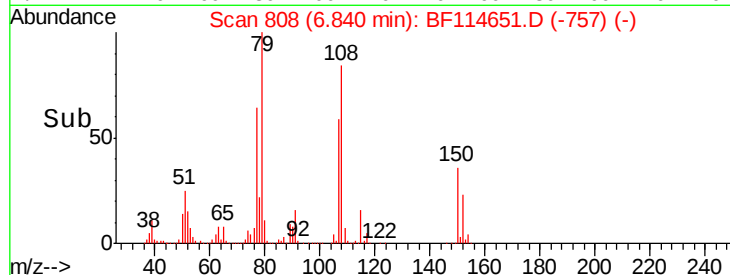
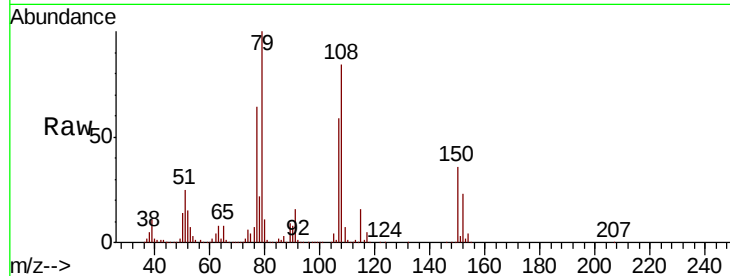
148 65.6 52.6 79.0

111 44.3 34.1 51.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 91.708 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tot Ion:	79	Resp:	970850
Ion Ratio	Lower	Upper	
79	100		
108	83.6	67.8	101.8
77	64.3	50.7	76.1

Instrument :

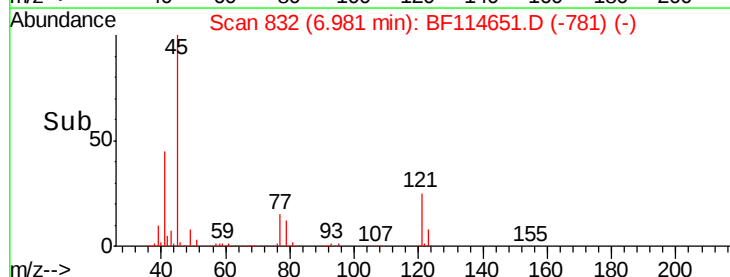
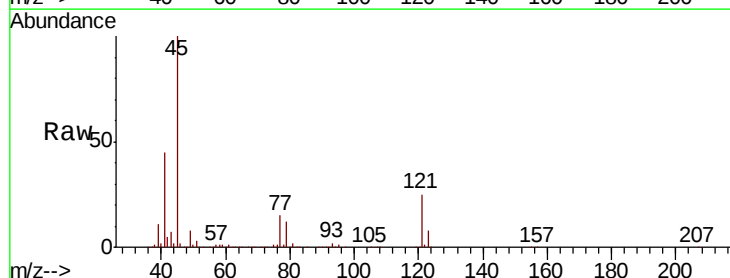
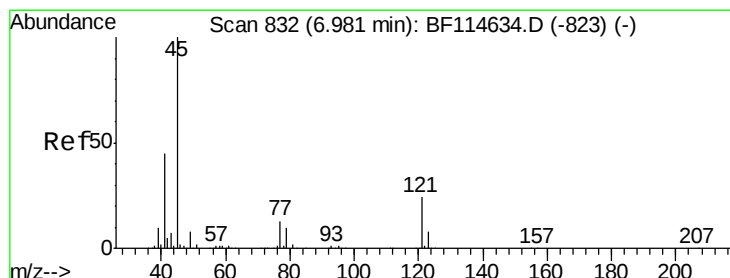
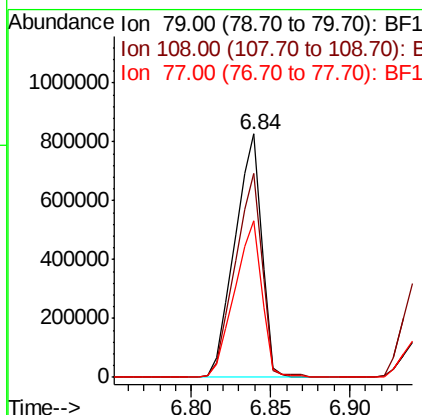
BNA_F

ClientSampleId :

PB119288BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 83.358 ng

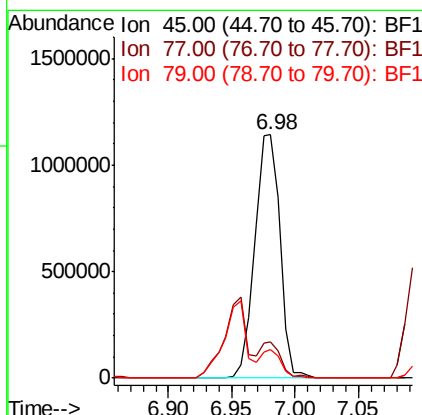
RT: 6.98 min Scan# 832

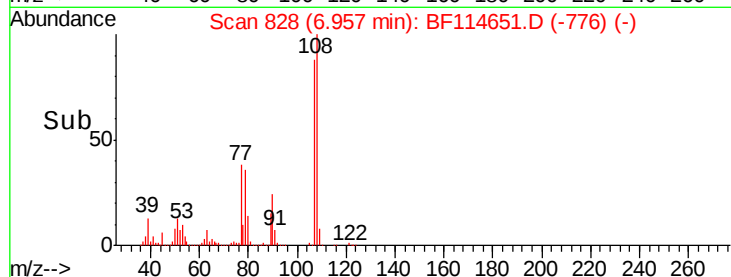
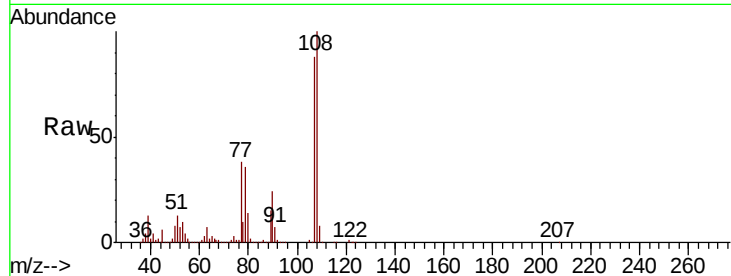
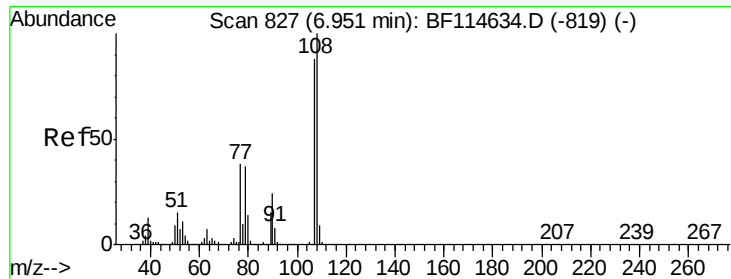
Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tgt Ion:	45	Resp:	1589947
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	34.7
79	11.8	0.0	31.3





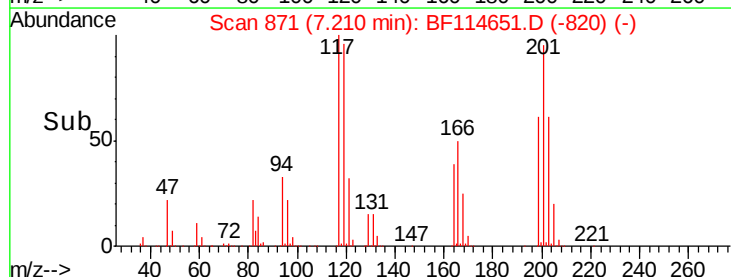
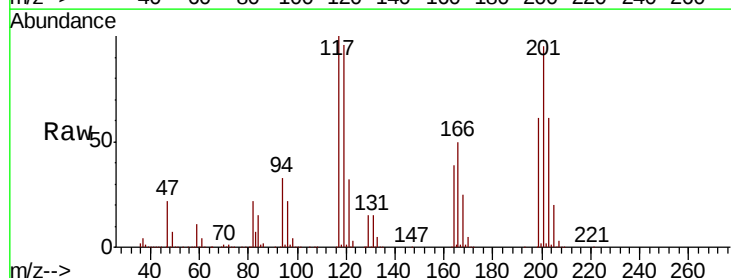
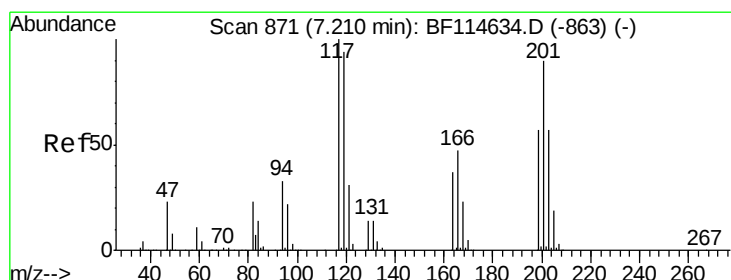
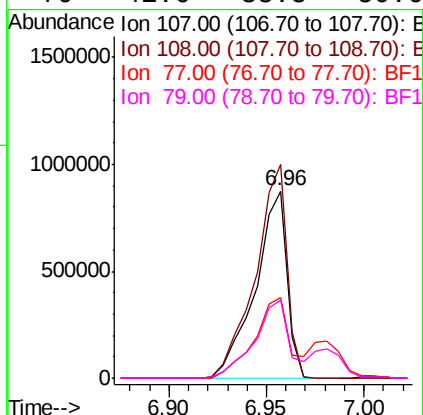
#17
2-Methylphenol
Concen: 90.557 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tot Ion	Ratio	Resp	Lower	Upper
107	100	987895		
108	114.0	91.1	136.7	
77	43.3	34.9	52.3	
79	41.6	33.8	50.6	

Instrument :
BNA_F
ClientSampleId :
PB119288BS

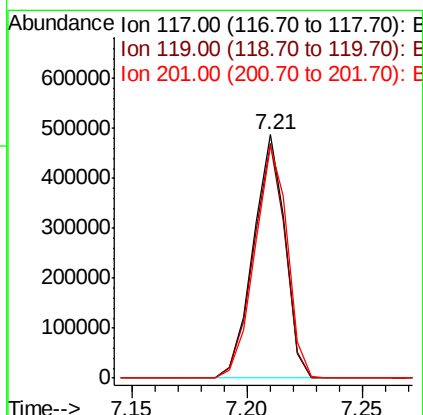
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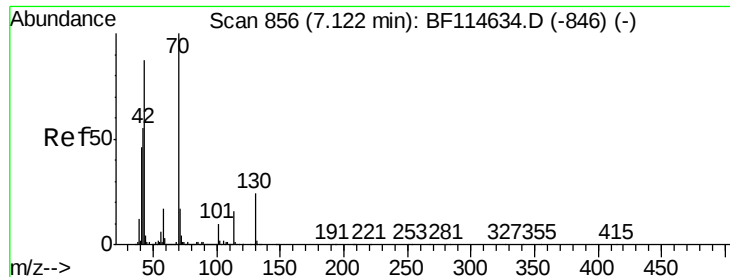
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#18
Hexachloroethane
Concen: 83.801 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	467737		
119	96.4	75.6	113.4	
201	95.2	71.7	107.5	





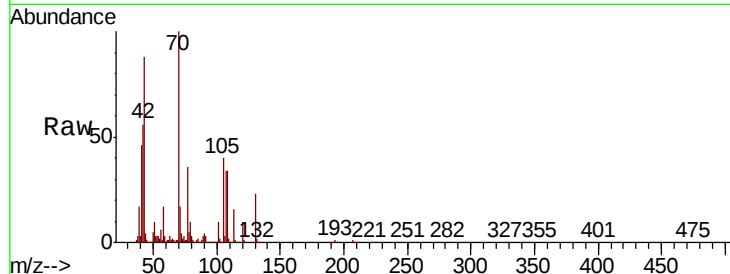
#19
n-Nitroso-di-n-propylamine
Concen: 83.275 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.0	44.4	66.6
101	9.9	8.2	12.4
130	22.9	19.4	29.0

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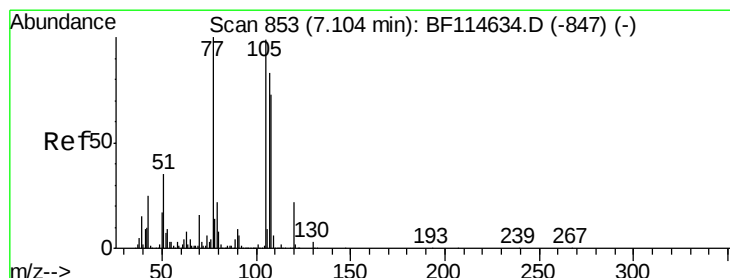
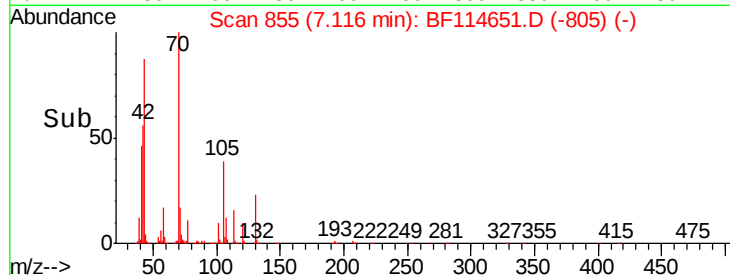
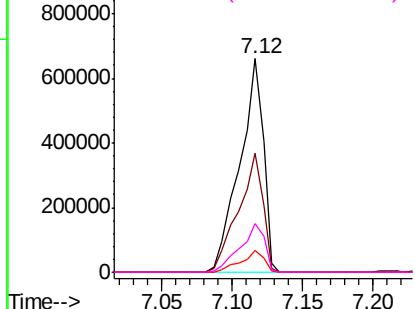
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 85.876 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.6	108.6
77	112.6	100.5	140.5
79	26.8	7.0	47.0

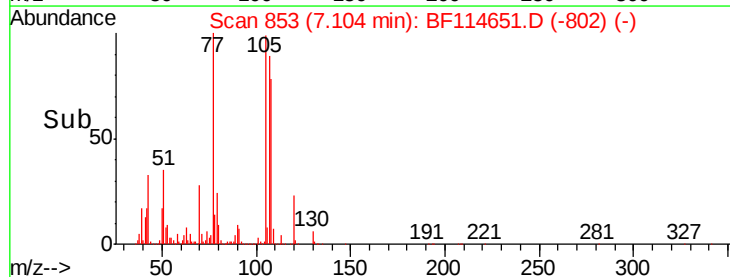
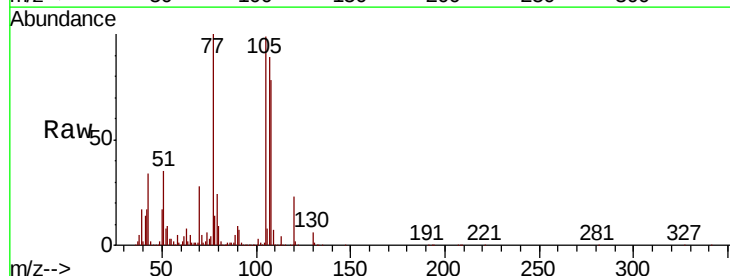
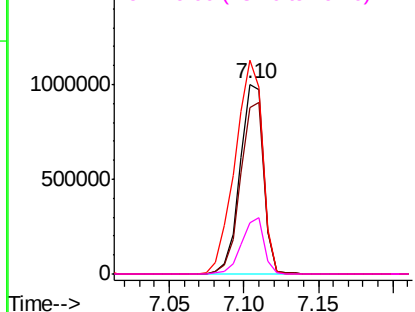
Abundance

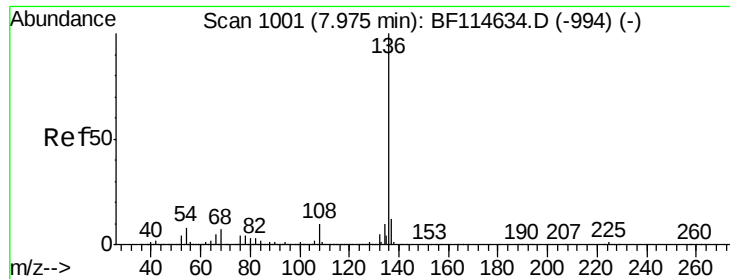
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





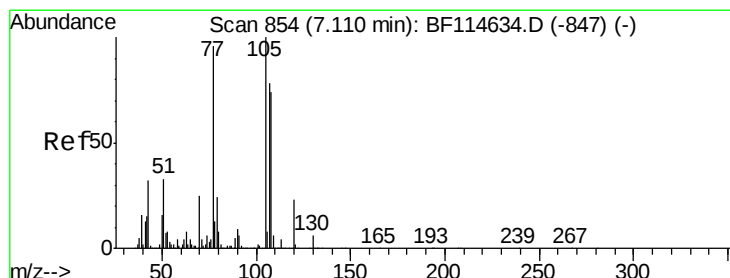
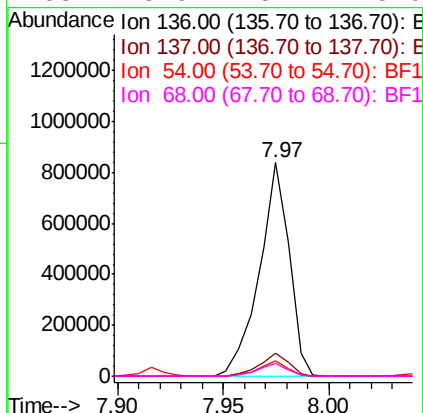
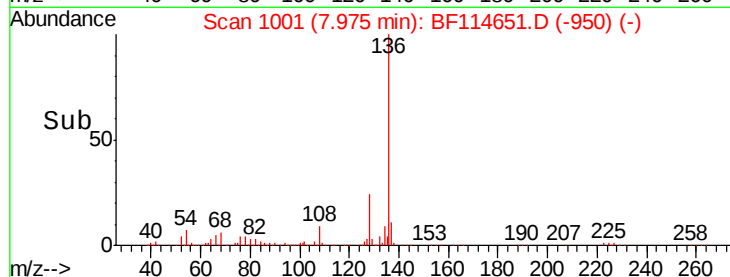
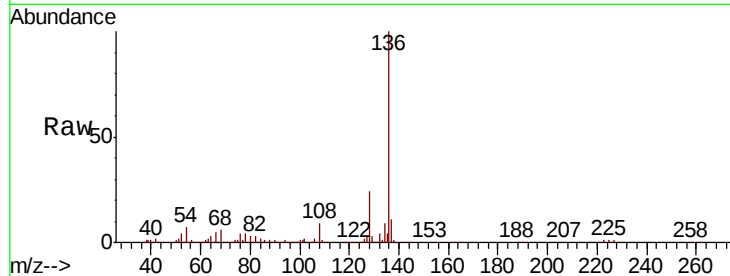
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	825523		
137	11.1	9.3	13.9	
54	7.5	6.3	9.5	
68	5.9	5.4	8.0	

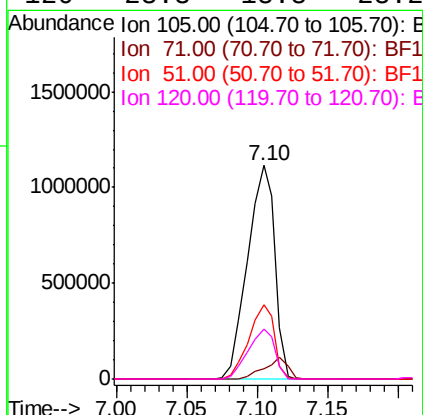
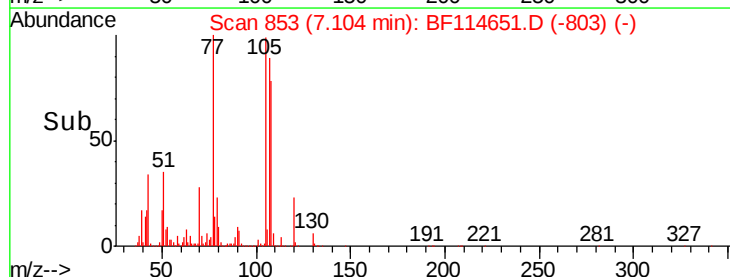
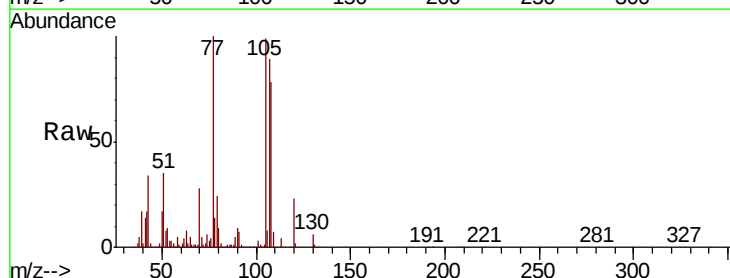
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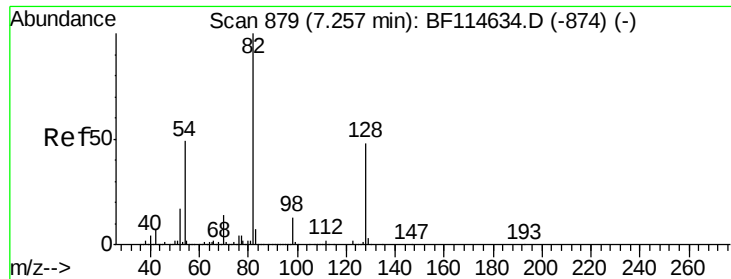
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#22
Acetophenone
Concen: 85.499 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1503884		
71	4.7	3.6	5.4	
51	34.9	26.0	39.0	
120	23.3	18.8	28.2	





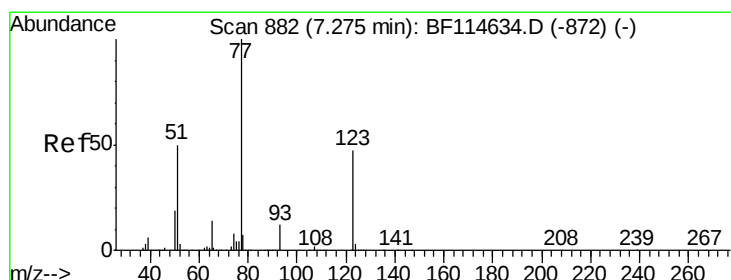
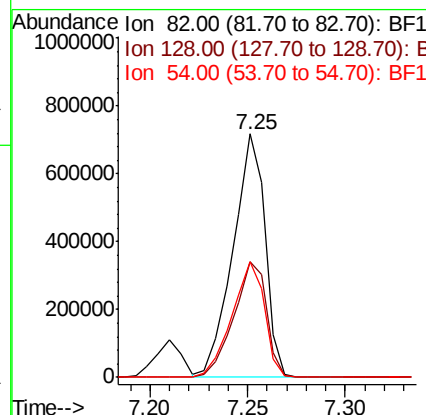
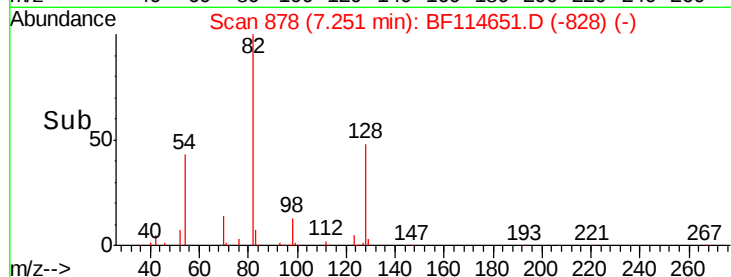
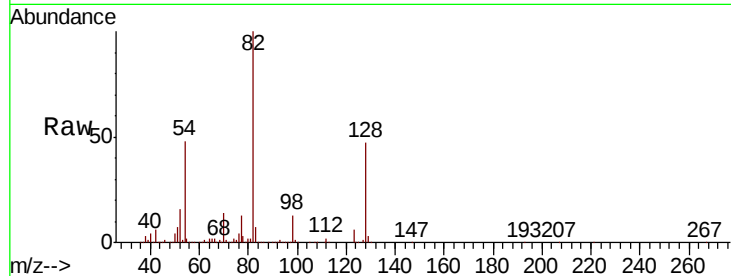
#23
 Nitrobenzene-d5
 Concen: 61.816 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	38.5	57.7
54	47.7	39.1	58.7

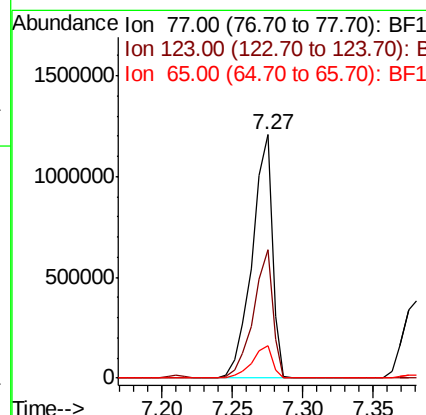
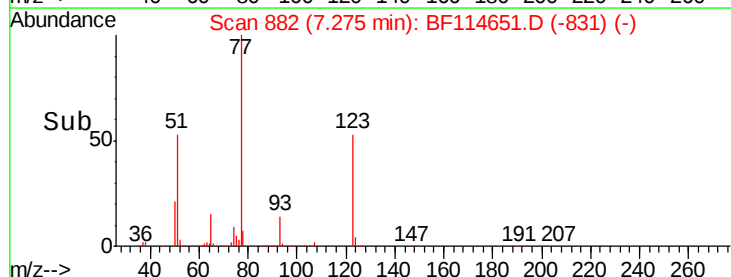
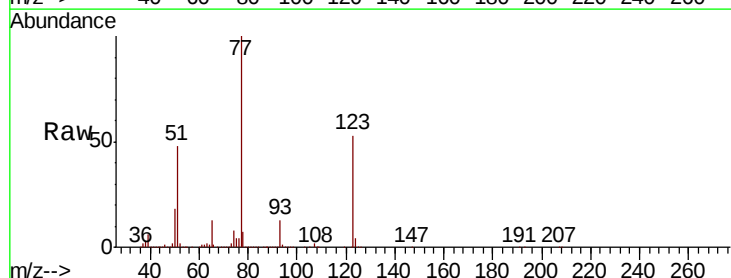
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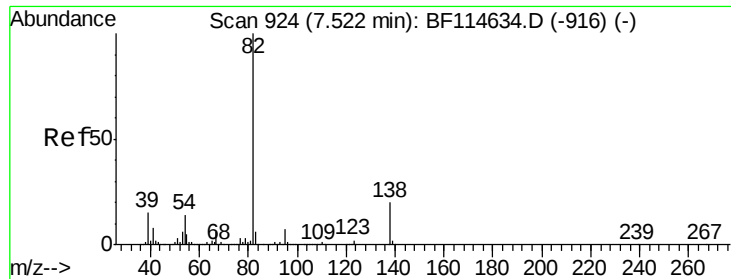
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#24
 Nitrobenzene
 Concen: 86.458 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.00 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.6	38.5	57.7
65	13.3	11.2	16.8





#25

Isophorone

Concen: 84.341 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion: 82 Resp: 2239646

Ion Ratio Lower Upper

82 100

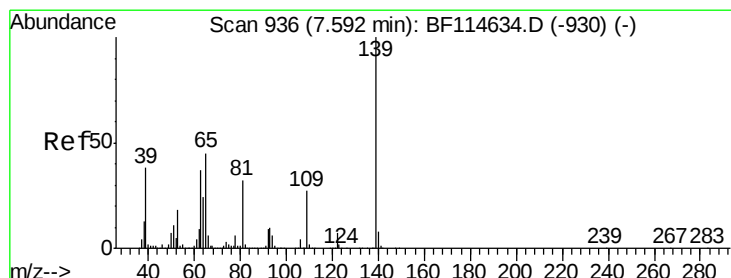
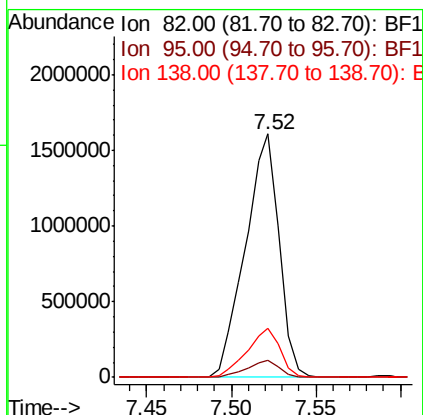
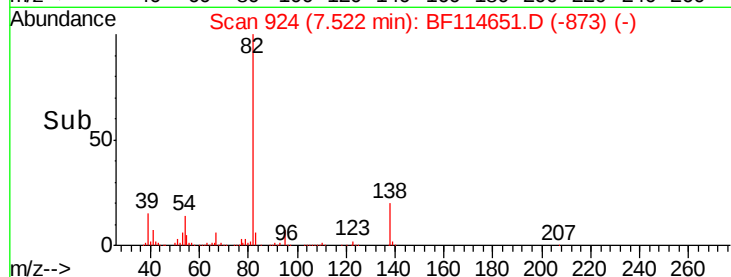
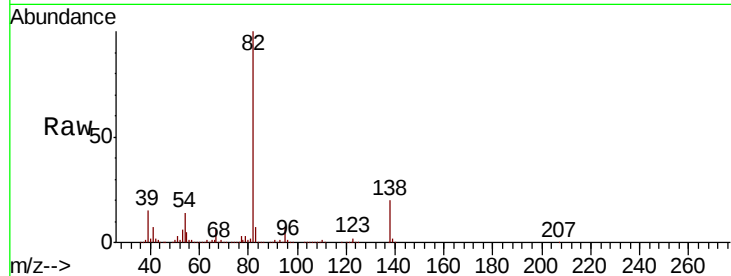
95 7.1 5.6 8.4

138 20.3 15.9 23.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 92.019 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

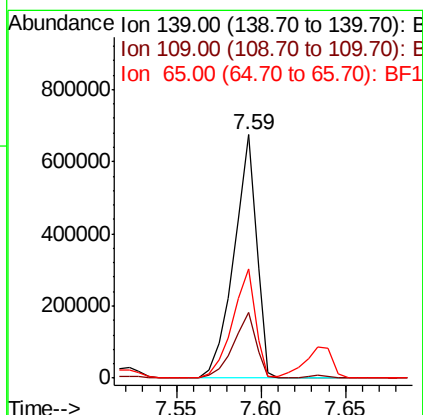
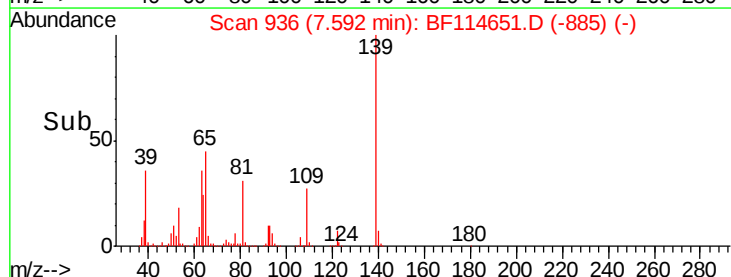
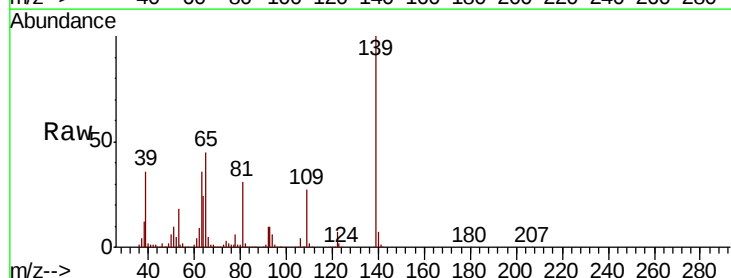
Tgt Ion: 139 Resp: 629581

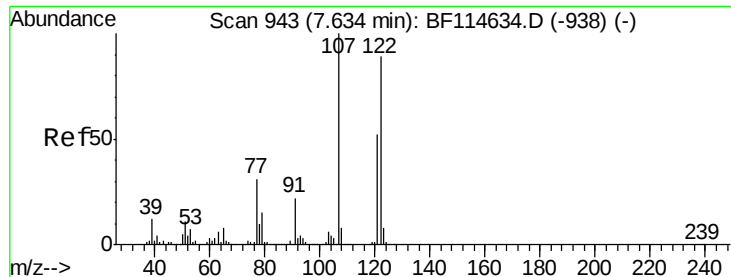
Ion Ratio Lower Upper

139 100

109 26.7 21.7 32.5

65 44.9 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 97.108 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

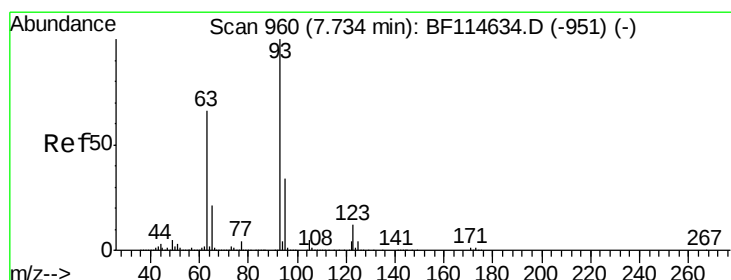
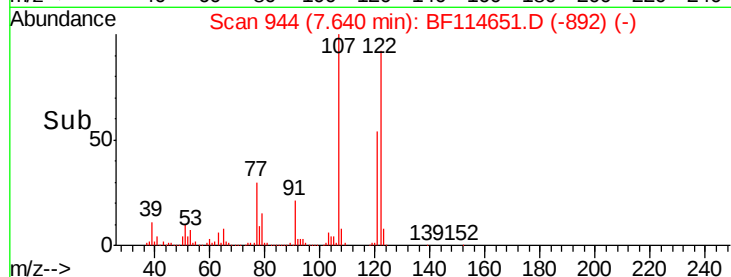
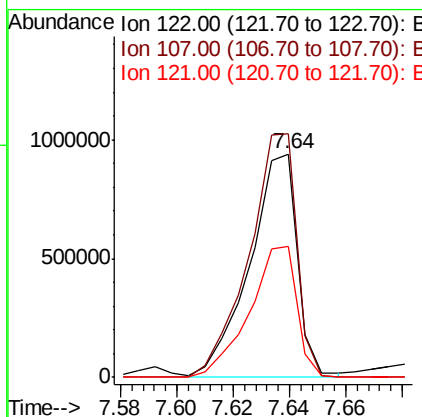
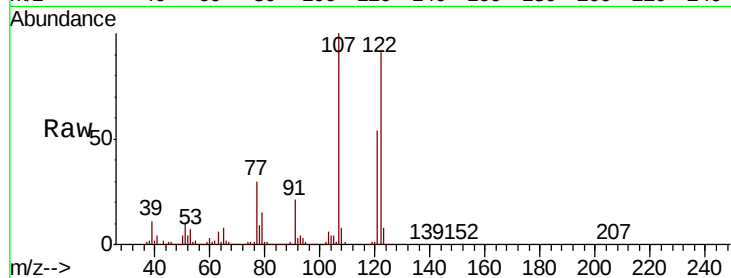
ClientSampled :

PB119288BS

Tot Ion:	122	Resp:	1104971
Ion	Ratio	Lower	Upper
122	100		
107	109.1	89.3	133.9
121	58.7	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 83.376 ng

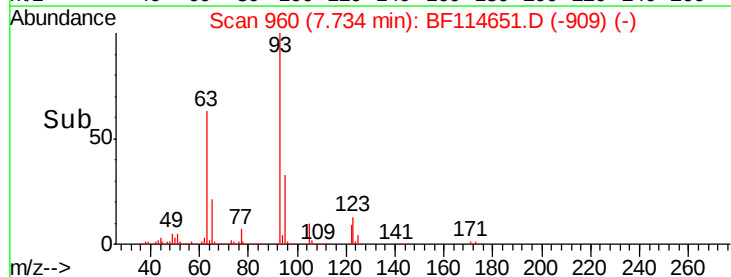
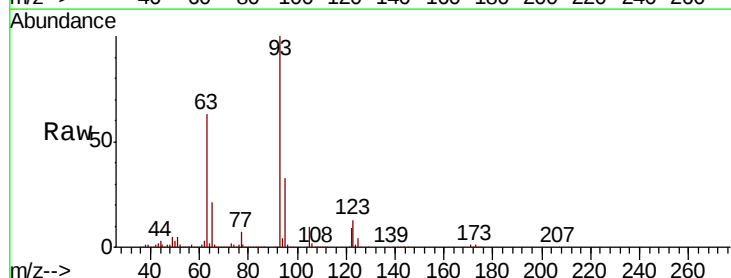
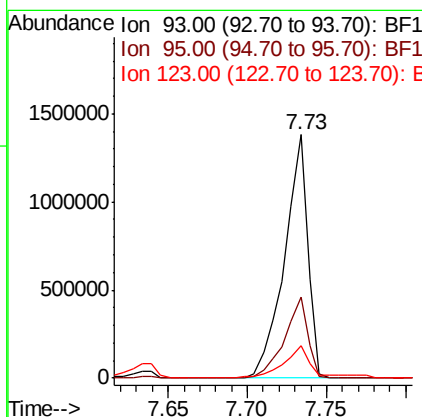
RT: 7.73 min Scan# 960

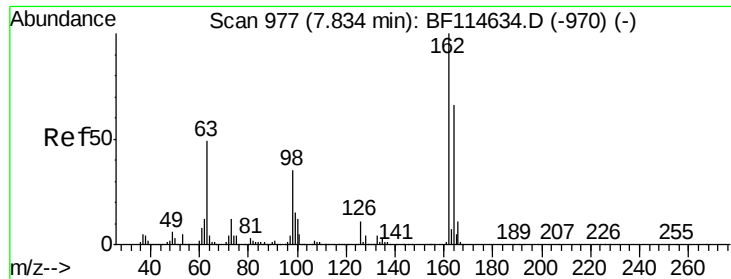
Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tgt Ion:	93	Resp:	1409382
Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.0	40.4
123	13.1	10.2	15.2





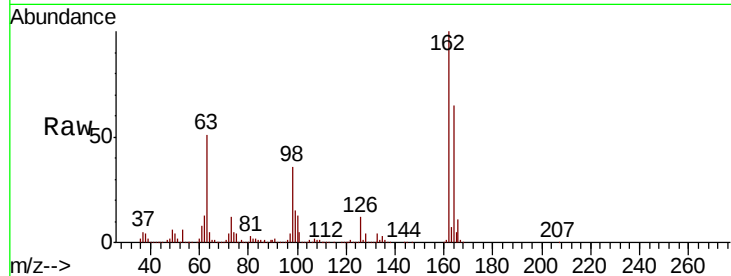
#29
2,4-Dichlorophenol
Concen: 89.817 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.8	85.8
98	36.3	14.9	54.9

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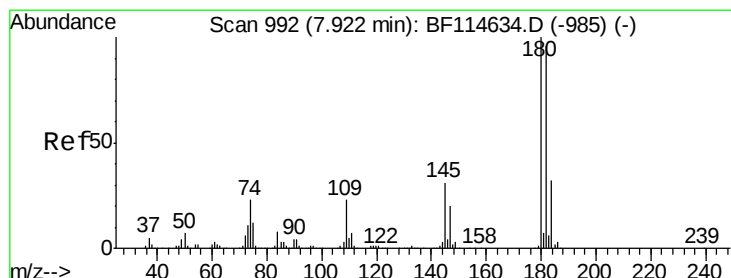
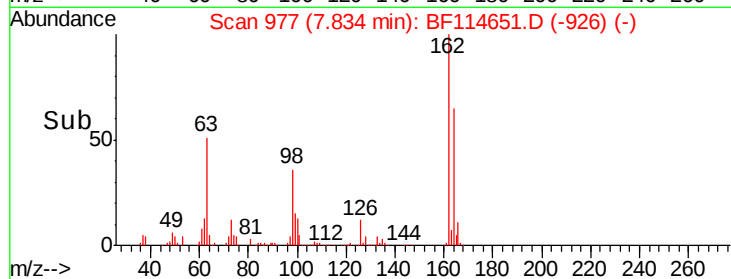
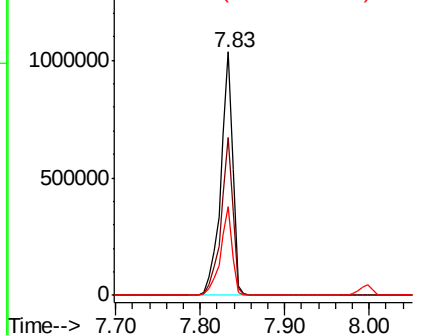


Abundance

Ion 162.00 (161.70 to 162.70): E

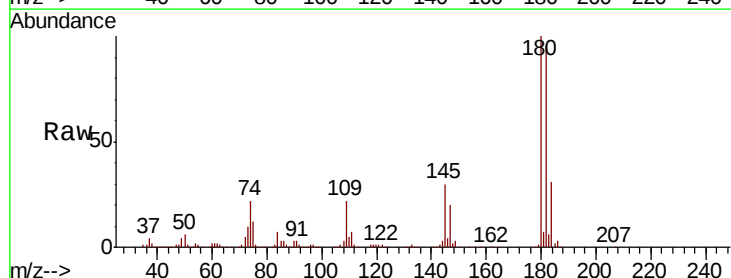
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 84.791 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.9	115.3
145	29.8	24.5	36.7

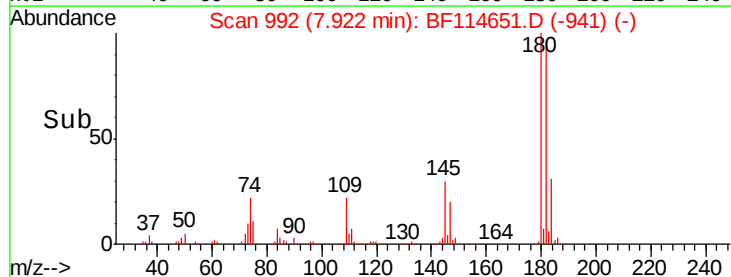
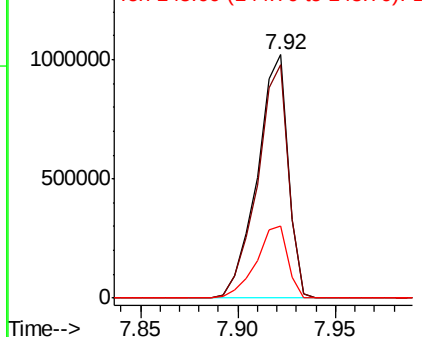


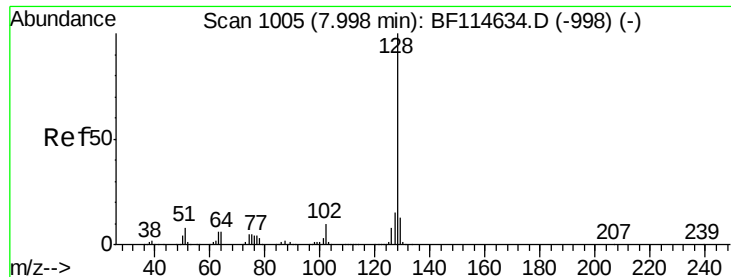
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





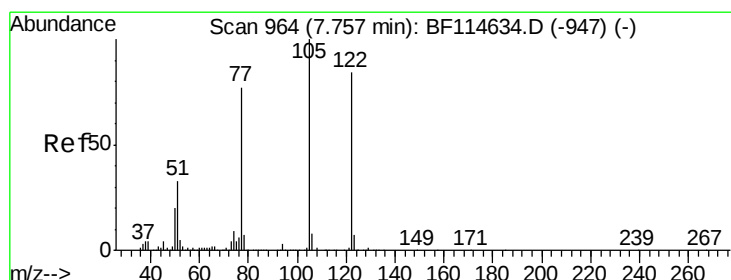
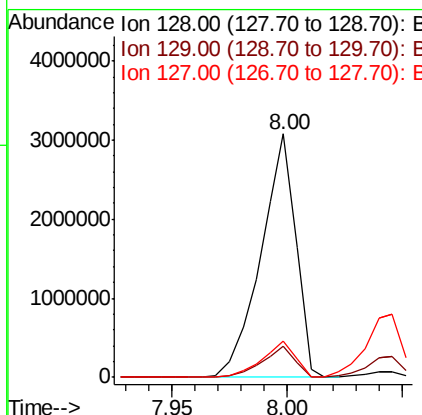
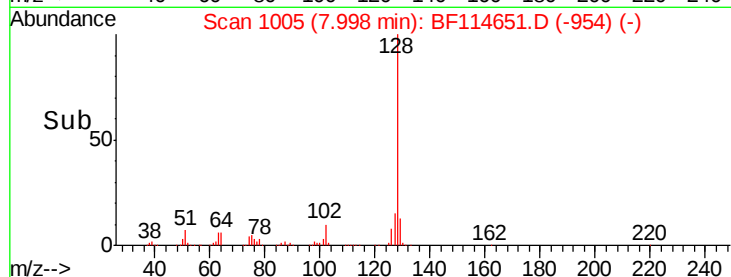
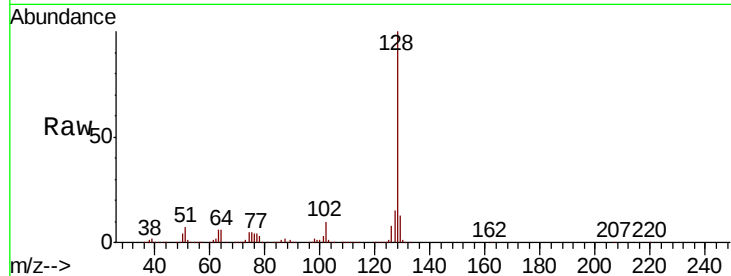
#31
Naphthalene
Concen: 85.129 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.8	10.2	15.2
127	14.9	11.9	17.9

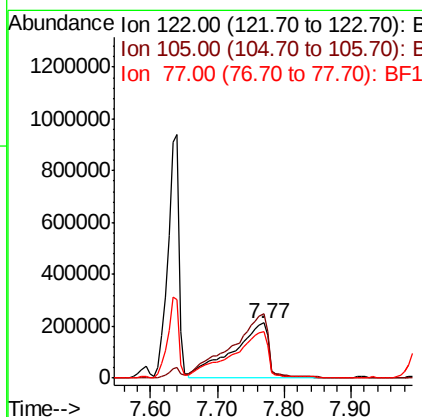
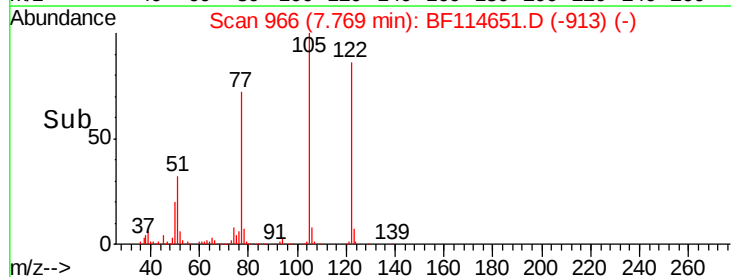
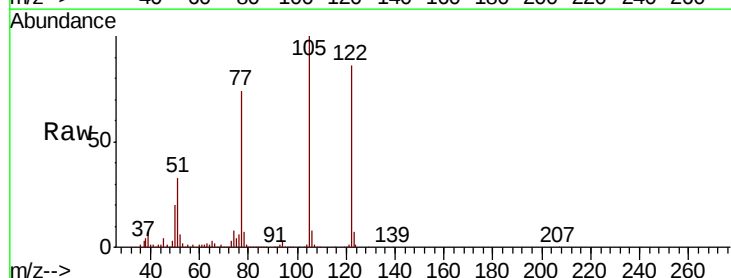
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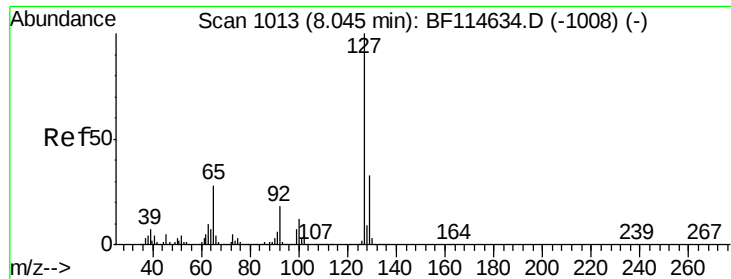
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#32
Benzoic acid
Concen: 107.958 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.3	98.3	138.3
77	85.5	70.7	110.7





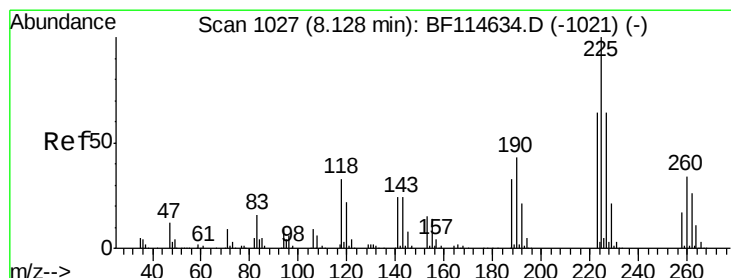
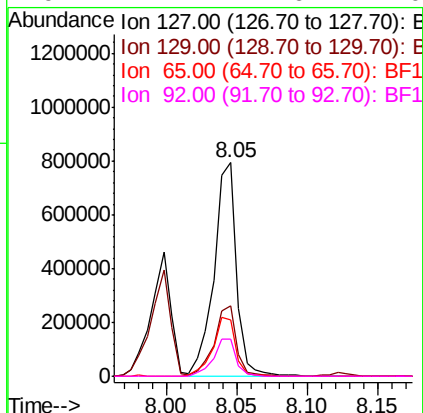
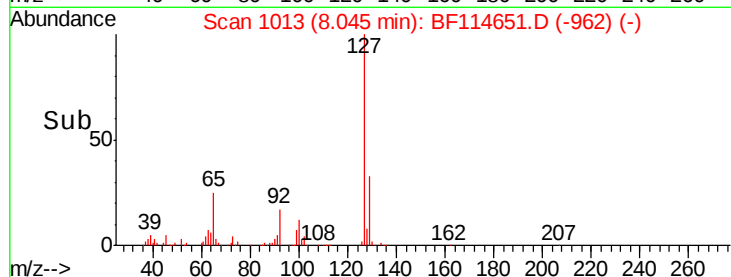
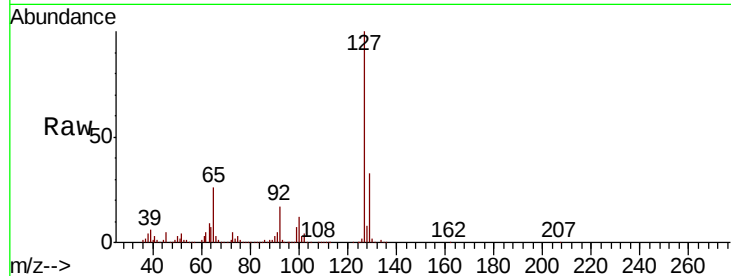
#33
4-Chloroaniline
Concen: 48.484 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		878346		
129	33.2	26.7	40.1		
65	26.3	22.5	33.7		
92	17.4	14.6	22.0		

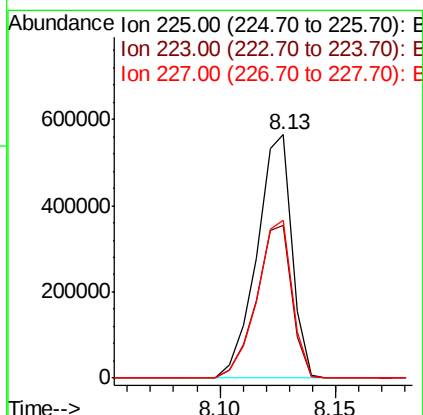
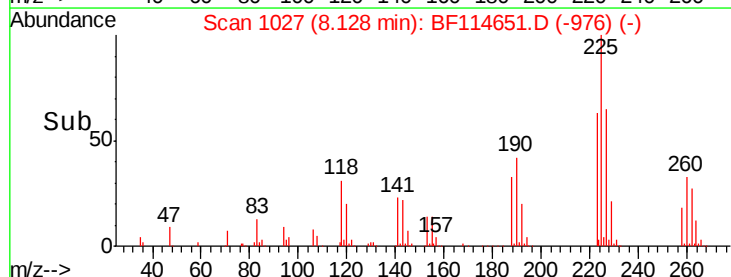
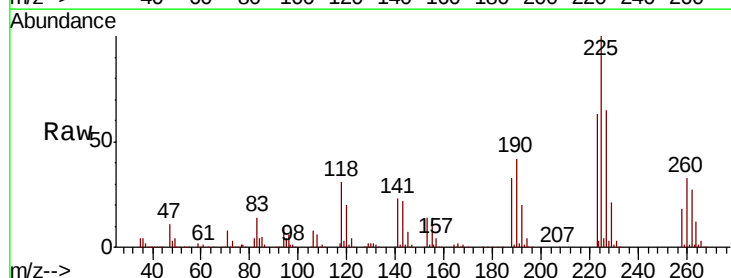
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#34
Hexachlorobutadiene
Concen: 81.617 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		598275		
223	62.6	50.9	76.3		
227	64.7	51.3	76.9		





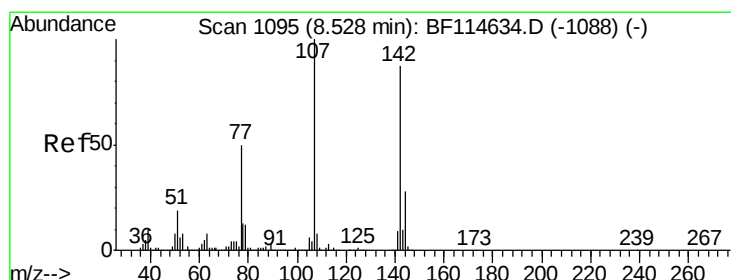
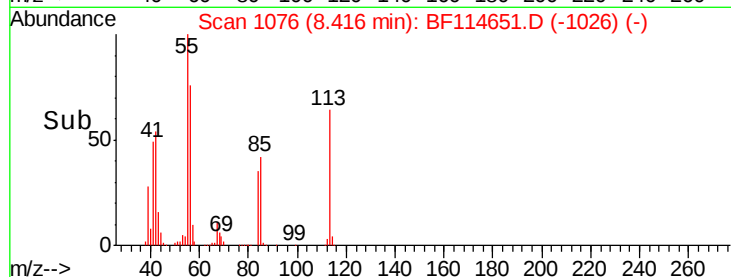
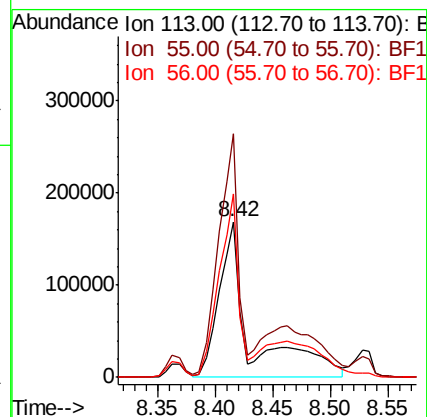
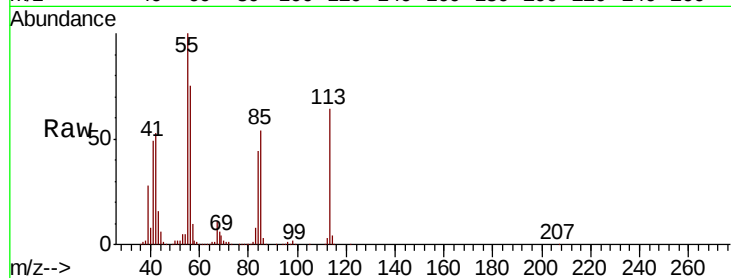
#35
 Caprolactam
 Concen: 81.829 ng/ml
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		319835		
55	156.5	136.4	176.4		
56	117.9	97.0	137.0		

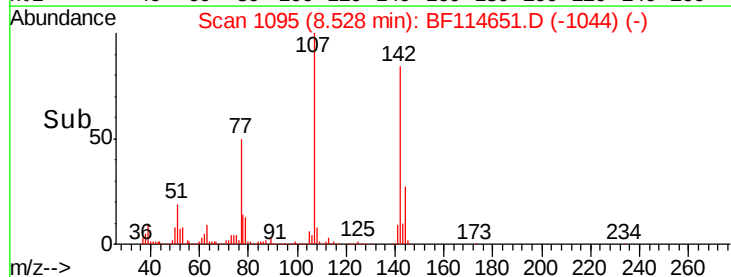
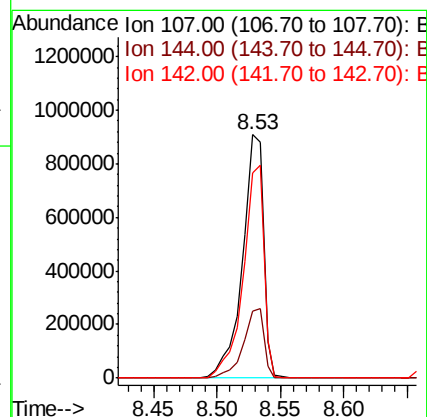
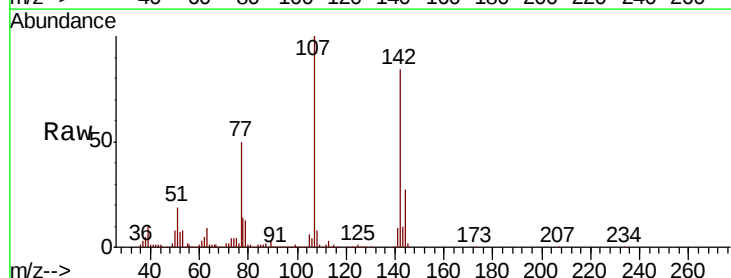
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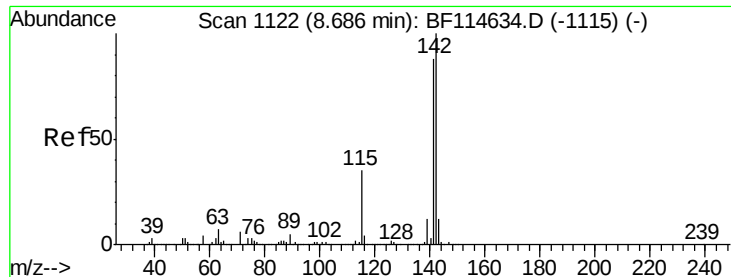
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#36
 4-Chloro-3-methylphenol
 Concen: 89.553 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		1040157		
144	27.4	22.5	33.7		
142	84.3	69.8	104.6		





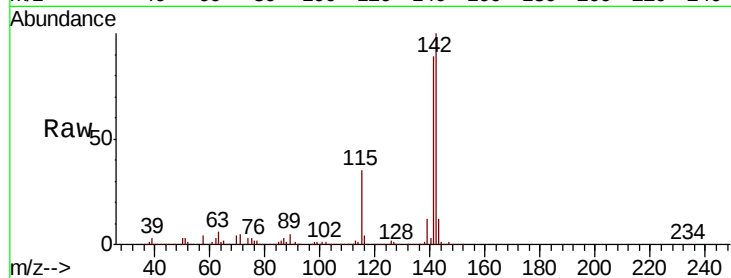
#37
2-Methylnaphthalene
Concen: 89.966 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5
115	35.1	28.0	42.0

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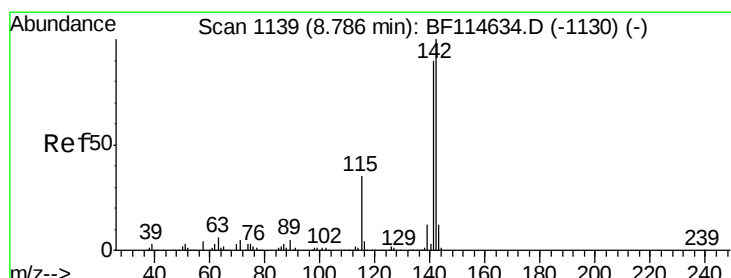
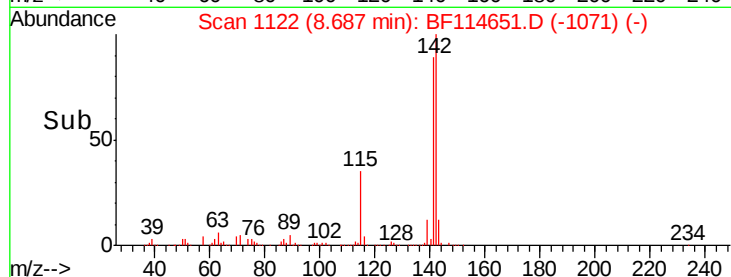
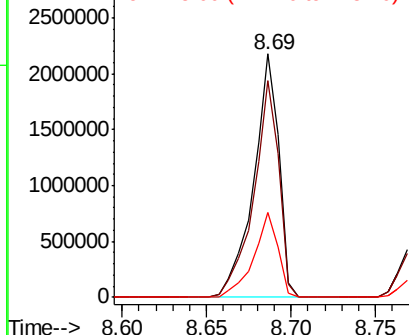


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 90.484 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

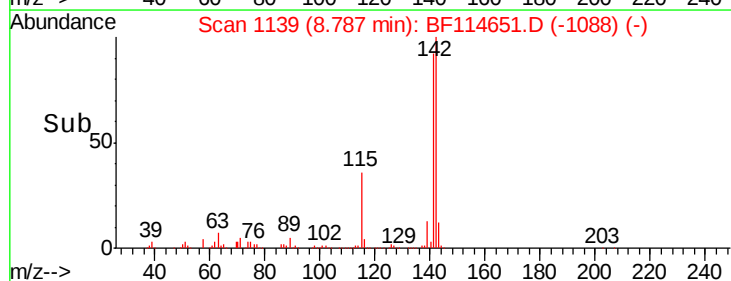
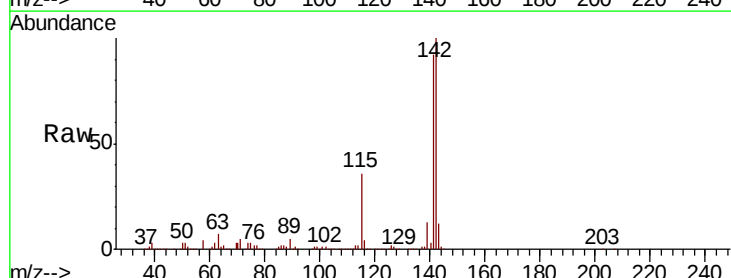
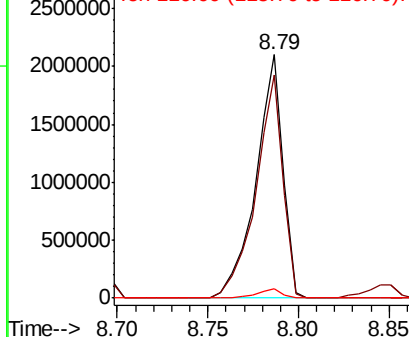
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.3	108.5
116	3.8	3.0	4.4

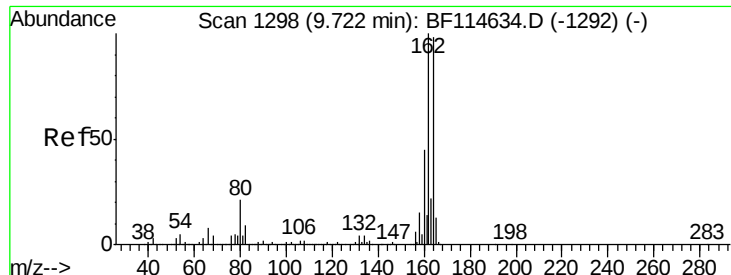
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





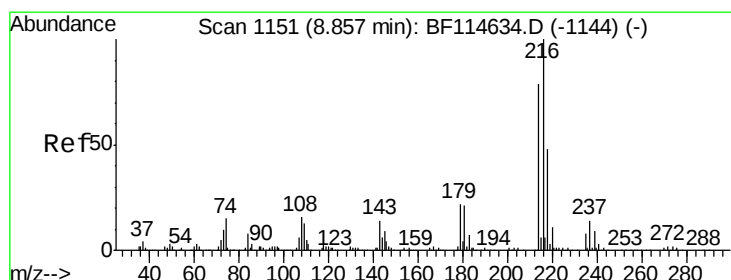
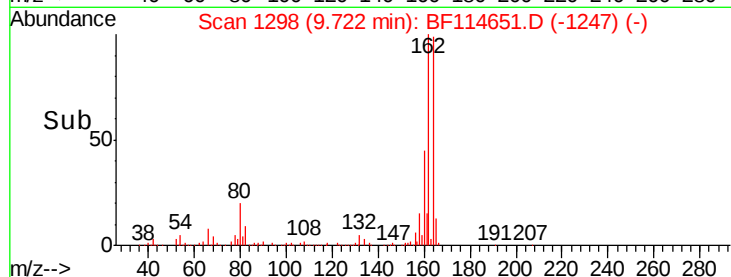
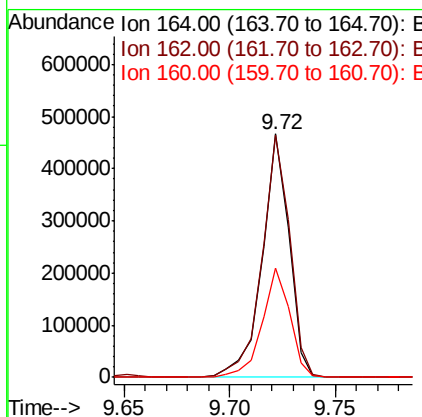
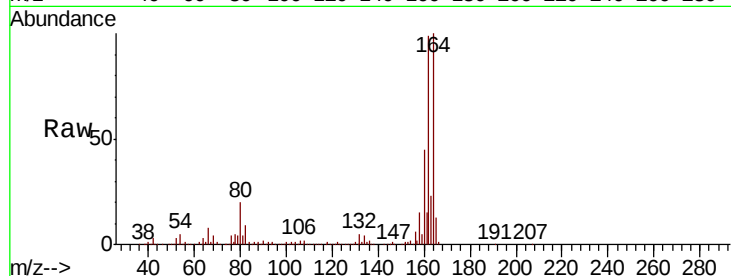
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.4	81.4	122.2	
160	44.7	36.6	54.8	

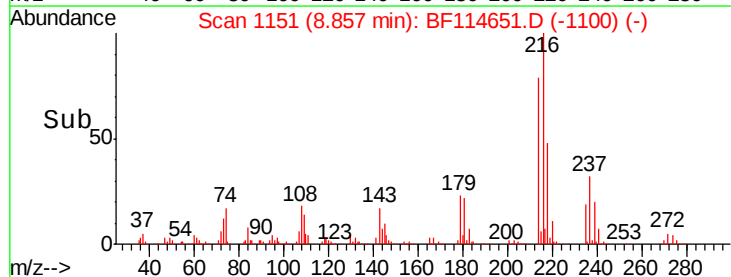
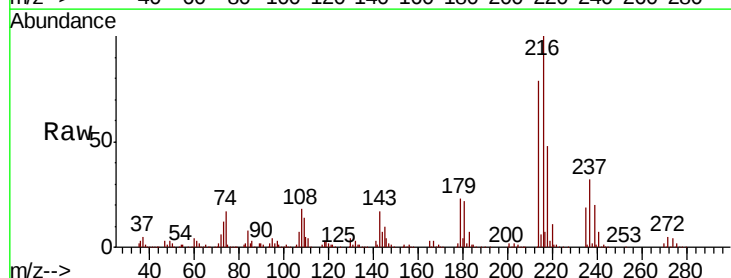
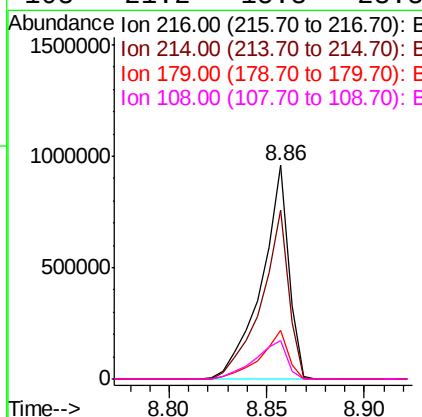
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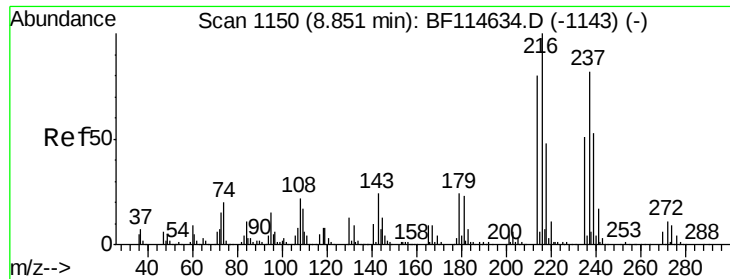
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 83.268 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	63.2	94.8	
179	22.7	17.9	26.9	
108	21.2	15.8	23.8	





#41

Hexachlorocyclopentadiene

Concen: 142.862 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion:237 Resp: 1047269

Ion Ratio Lower Upper

237 100

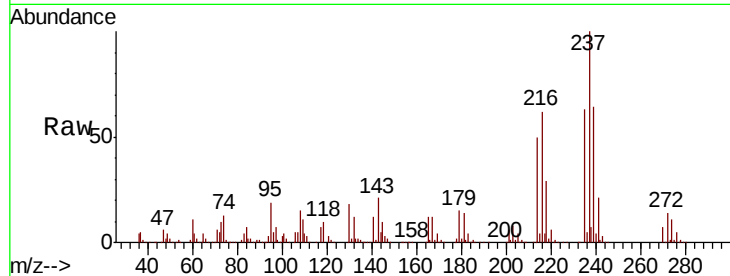
235 63.4 42.8 82.8

272 13.7 0.0 33.7

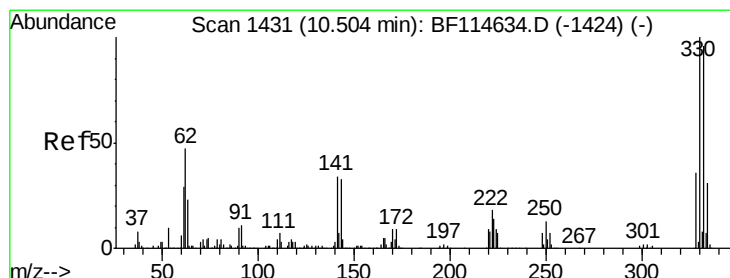
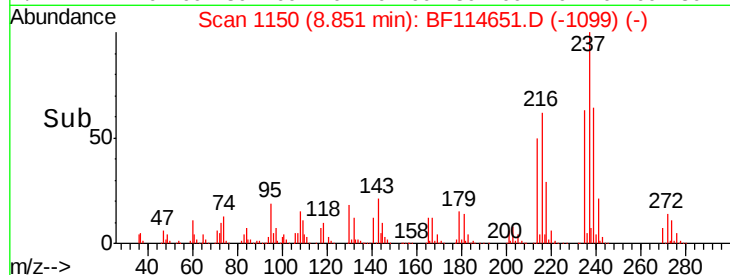
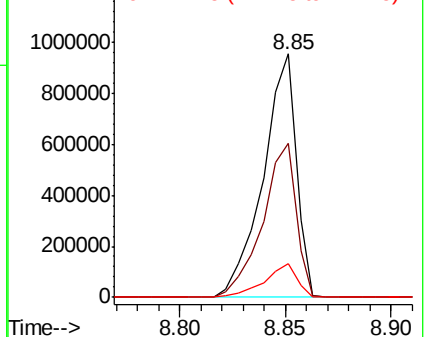
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 109.592 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

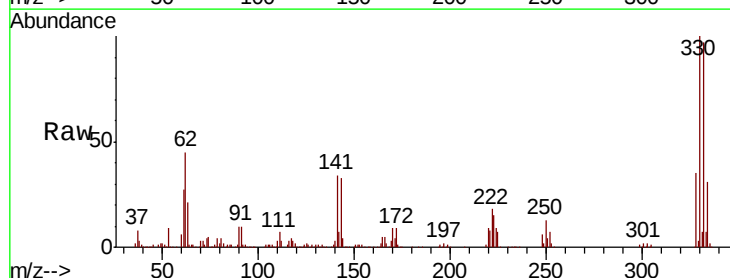
Tgt Ion:330 Resp: 434983

Ion Ratio Lower Upper

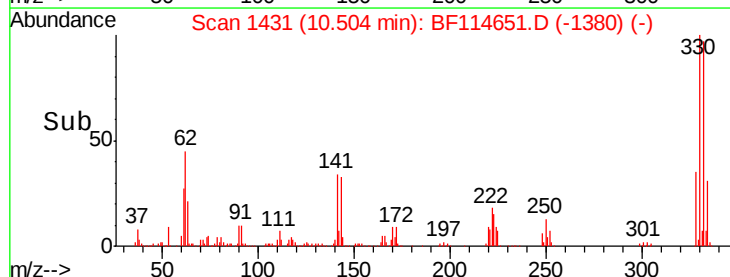
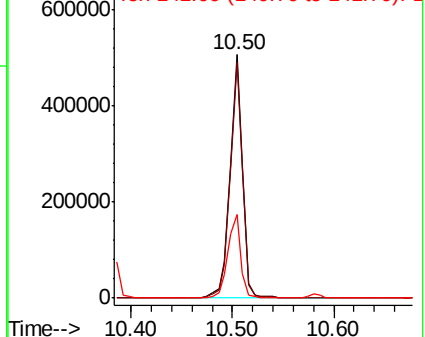
330 100

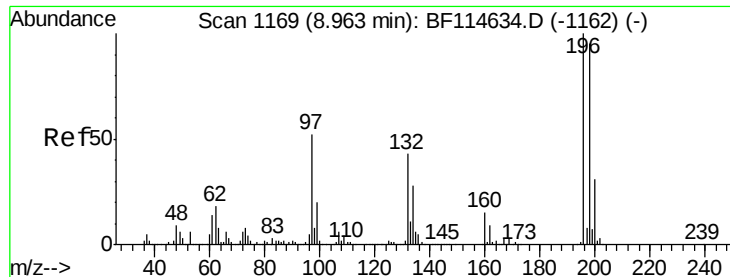
332 96.6 75.8 113.8

141 35.7 27.8 41.8



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





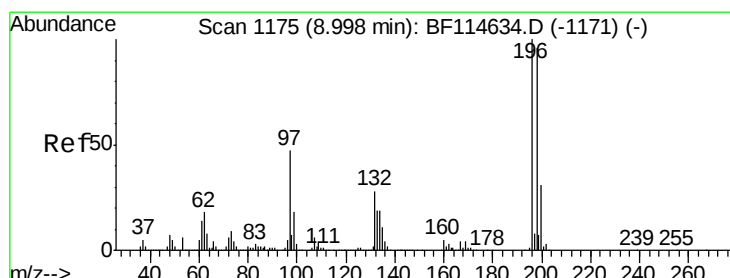
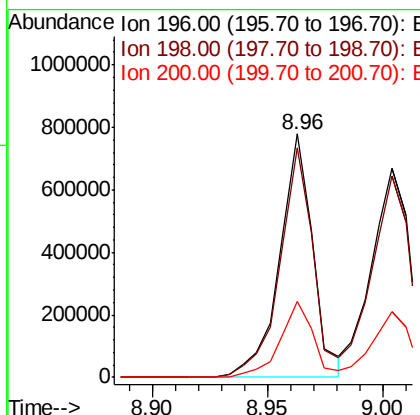
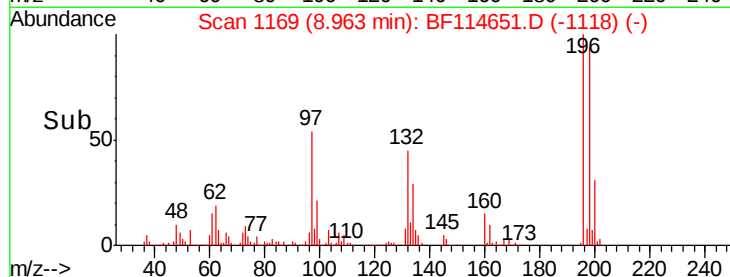
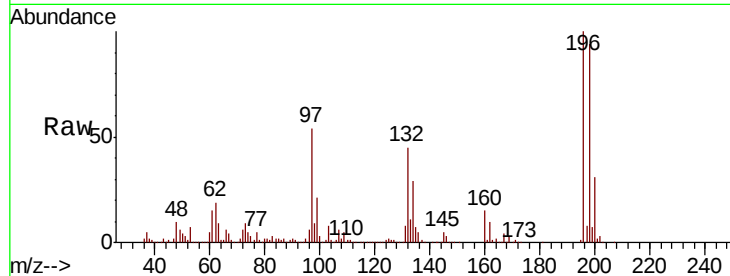
#43
 2,4,6-Trichlorophenol
 Concen: 88.415 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	771735		
198	94.5	76.1	114.1	
200	31.0	24.7	37.1	

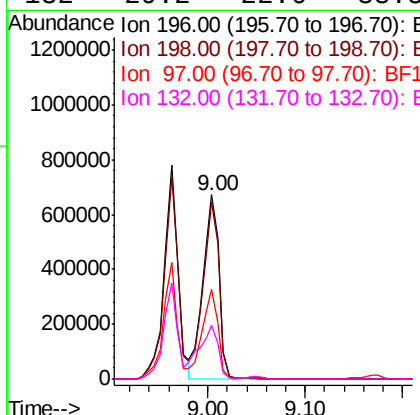
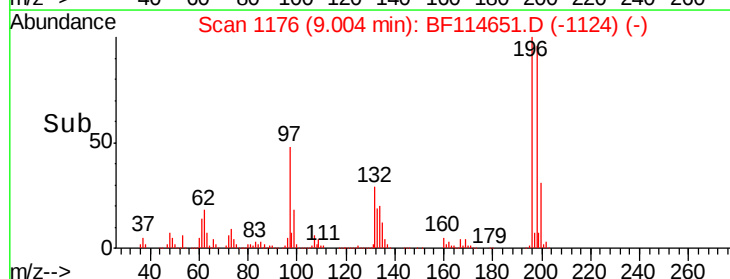
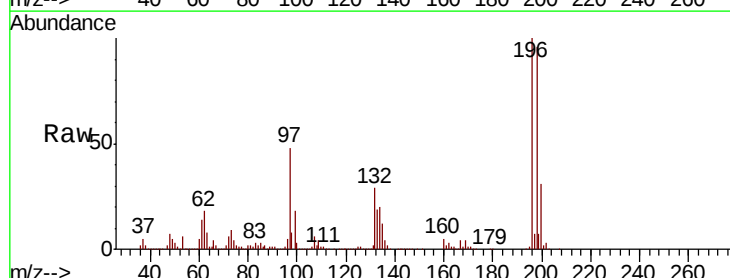
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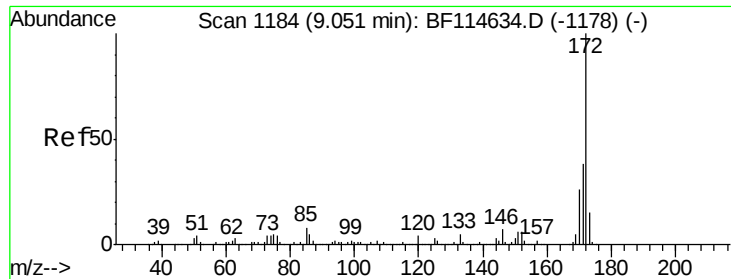
mohammad
 6/3/2019 8:46:51 AM



#44
 2,4,5-Trichlorophenol
 Concen: 87.872 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	765382		
198	95.9	76.8	115.2	
97	48.4	37.8	56.8	
132	29.2	22.6	33.8	





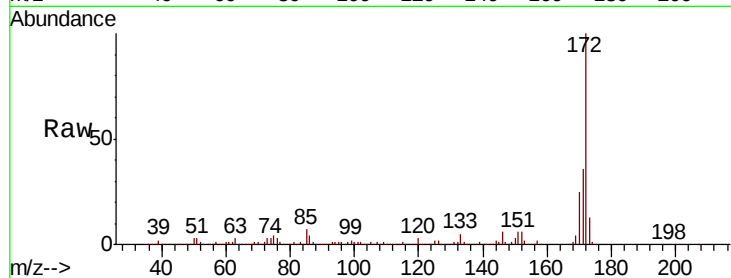
#45
2-Fluorobiphenyl
Concen: 67.514 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	24.6	20.7	31.1

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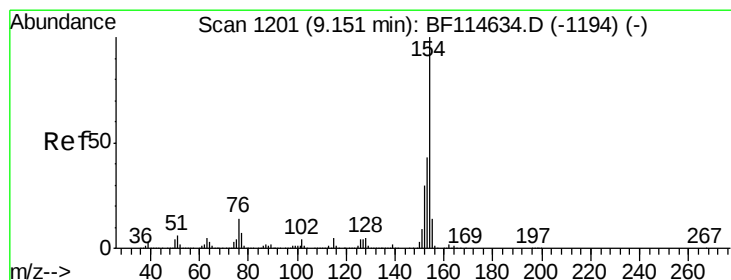
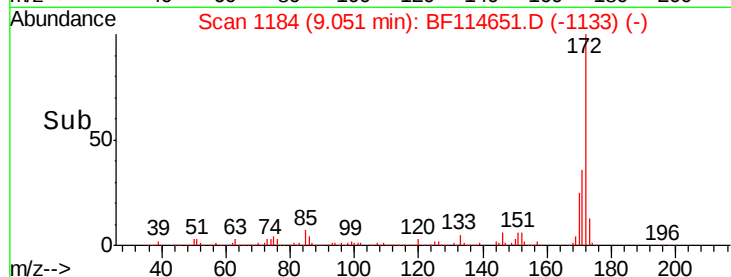
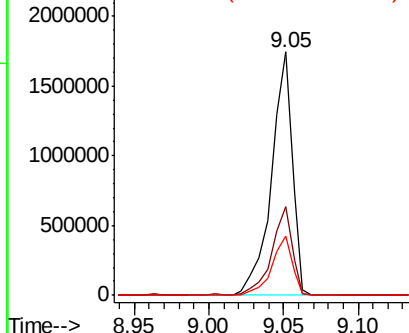


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 84.107 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

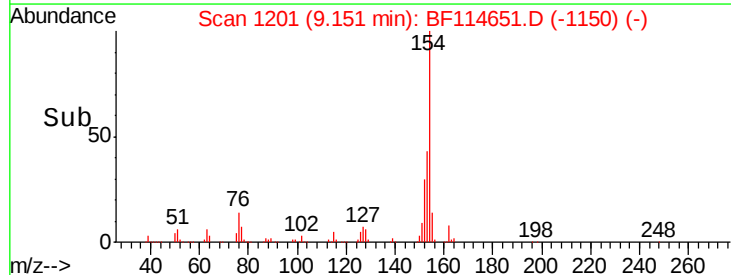
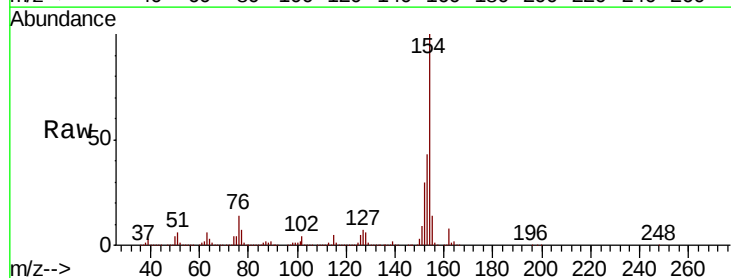
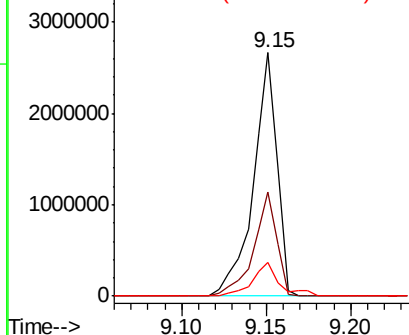
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	23.0	63.0
76	13.8	0.0	33.9

Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 83.039 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion:162 Resp: 2106249

Ion Ratio Lower Upper

162 100

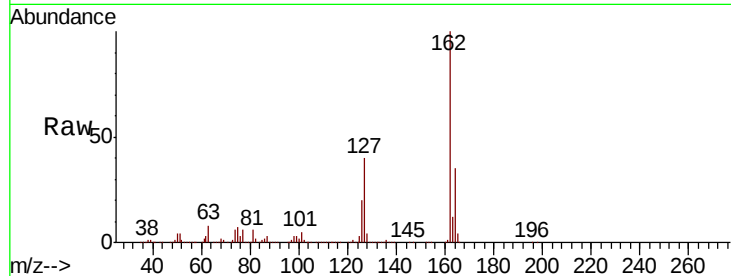
127 40.0 32.2 48.2

164 34.8 27.8 41.6

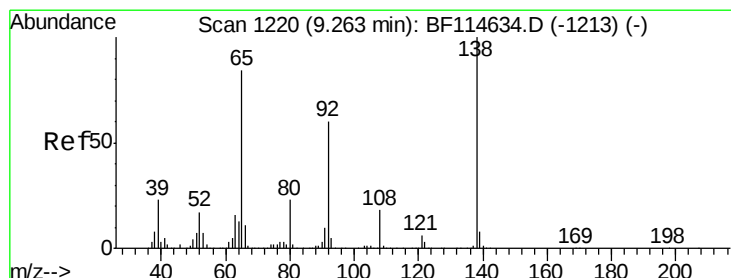
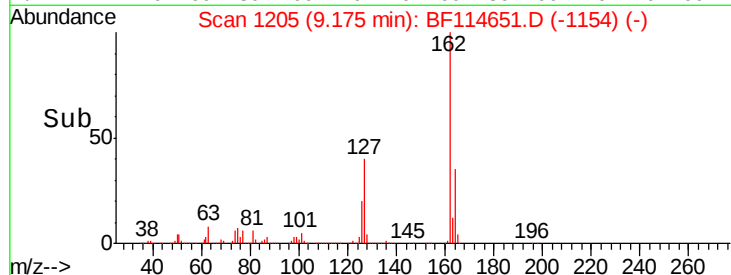
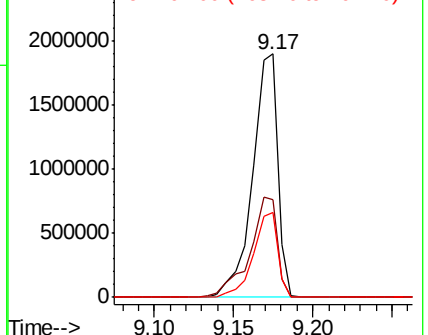
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 81.329 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

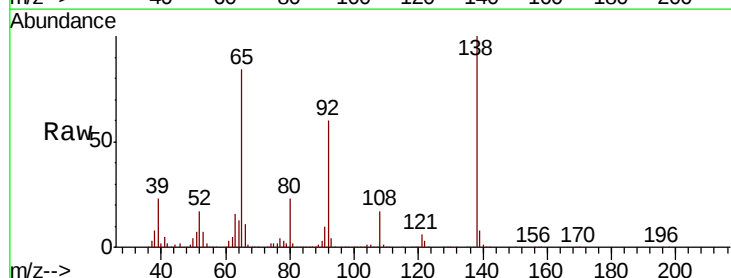
Tgt Ion: 65 Resp: 636595

Ion Ratio Lower Upper

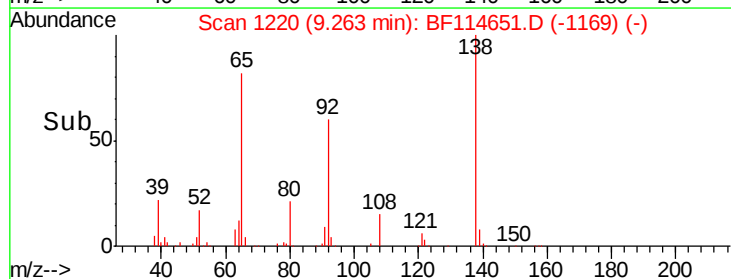
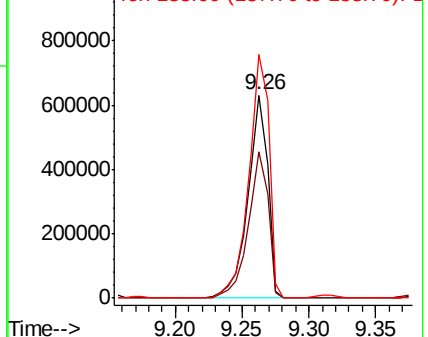
65 100

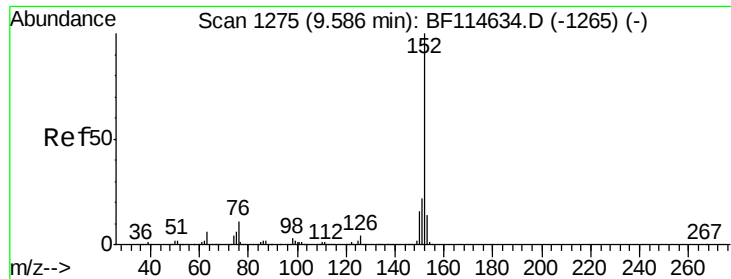
92 71.9 57.1 85.7

138 119.8 95.8 143.6



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





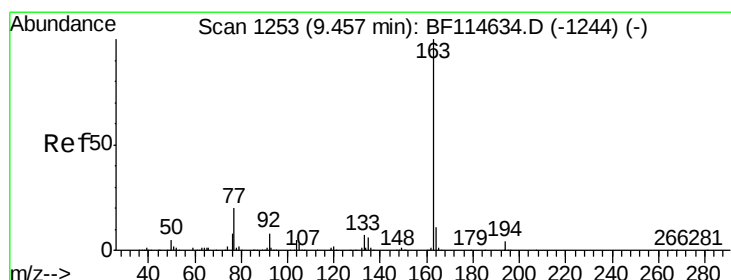
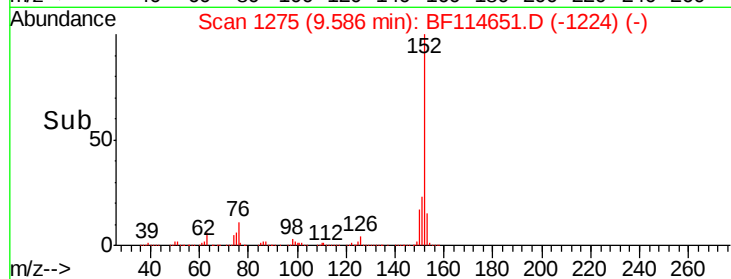
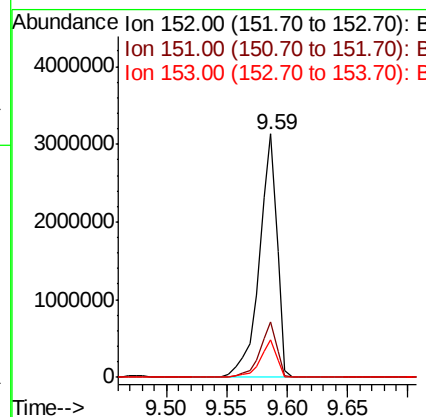
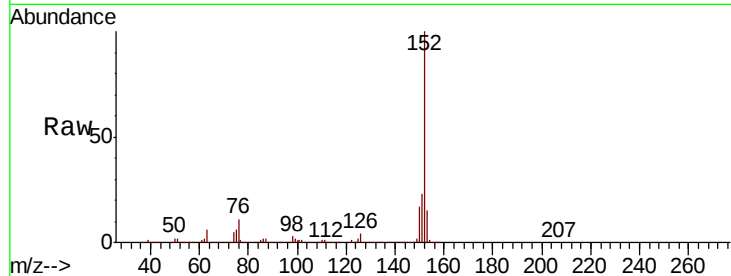
#49
Acenaphthylene
Concen: 81.580 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.5	26.3
153	15.4	11.6	17.4

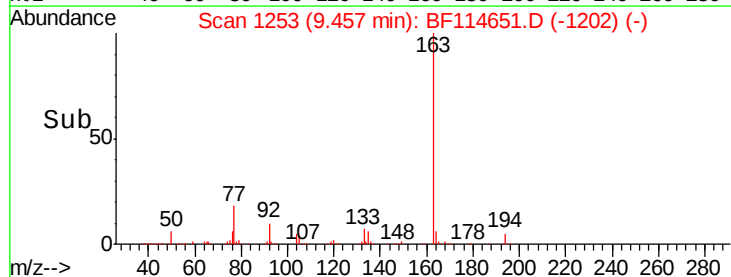
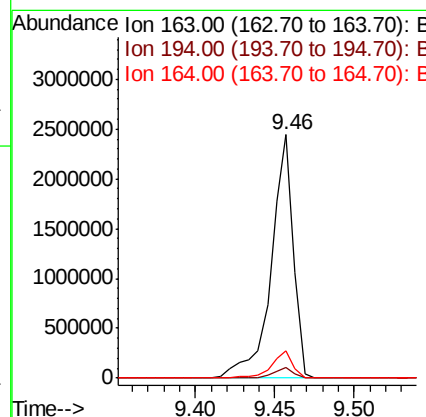
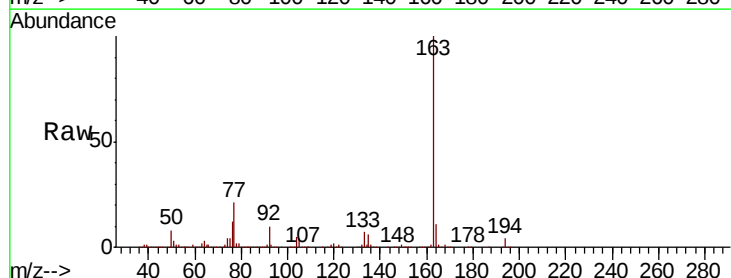
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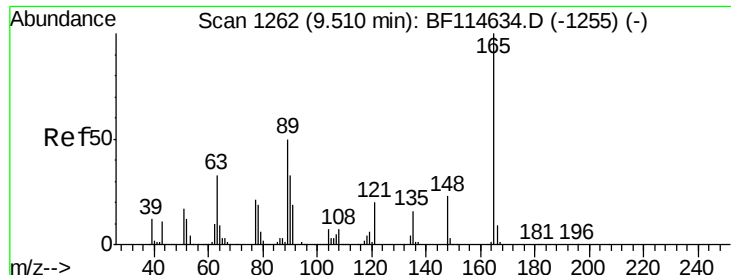
mohammad
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#50
Dimethylphthalate
Concen: 82.766 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	11.1	8.6	13.0





#51

2,6-Dinitrotoluene

Concen: 85.432 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion:165 Resp: 576211
Ion Ratio Lower Upper

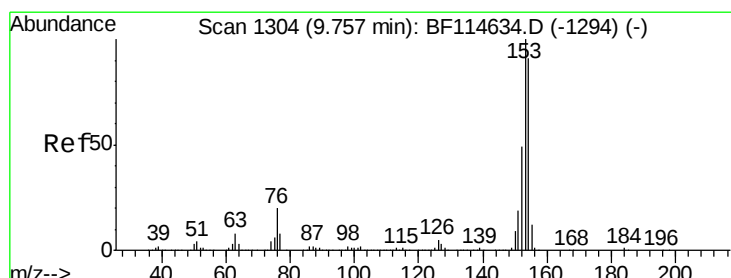
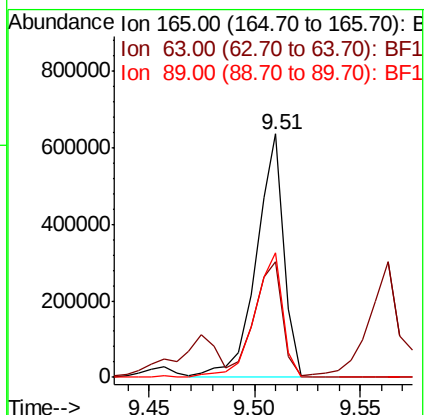
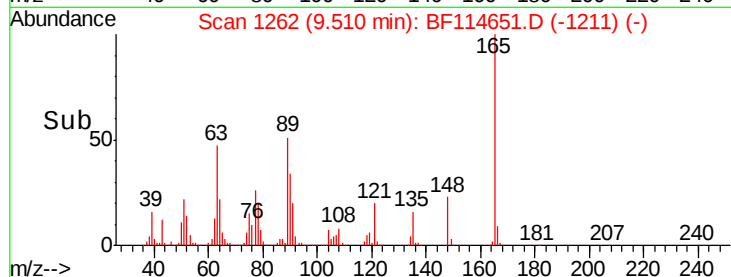
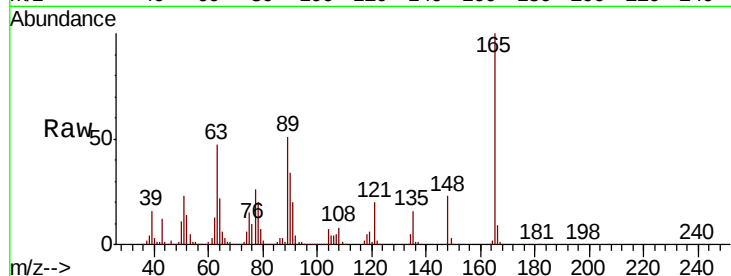
165 100

63 47.5 36.6 54.8

89 51.4 40.2 60.4

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#52

Acenaphthene

Concen: 92.225 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF114651.D

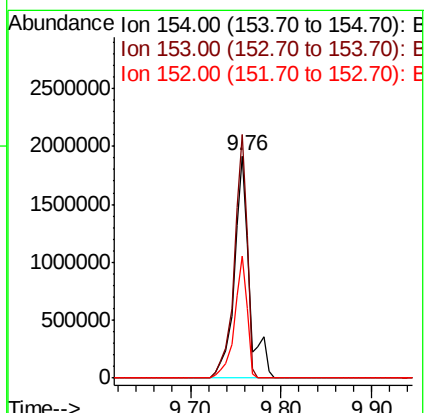
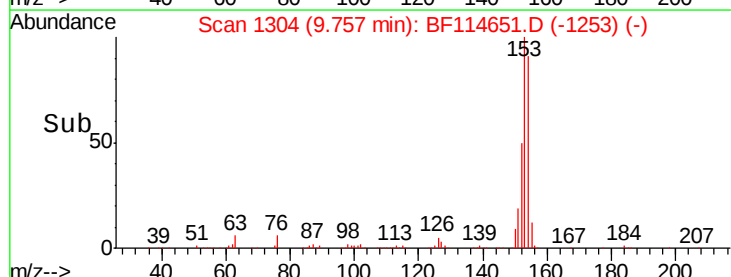
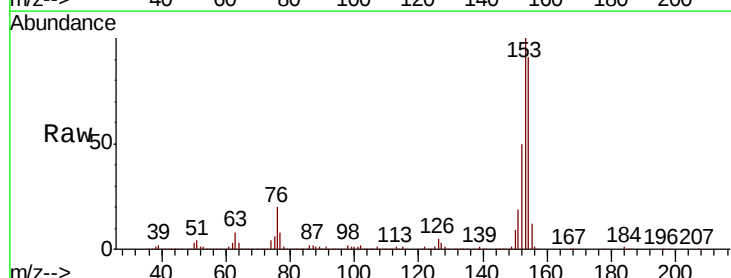
Acq: 30 May 2019 9:18

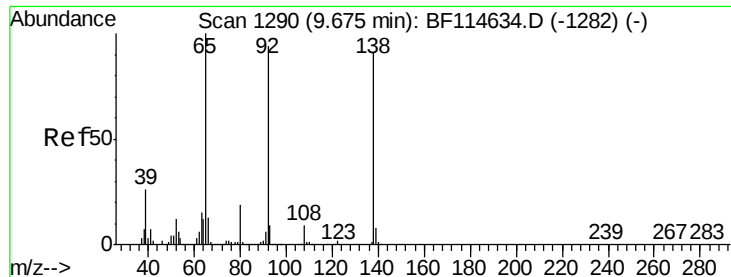
Tgt Ion:154 Resp: 2216285
Ion Ratio Lower Upper

154 100

153 109.6 88.4 132.6

152 54.7 43.4 65.0





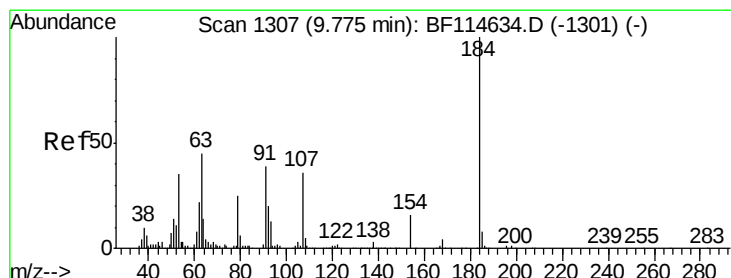
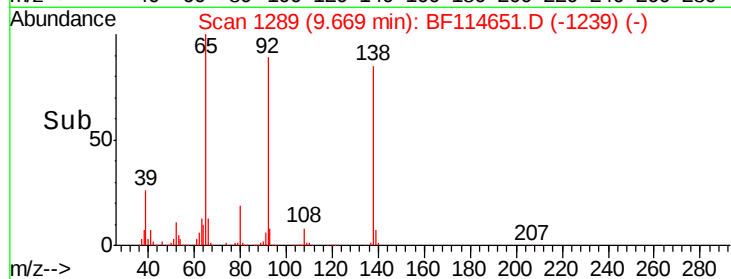
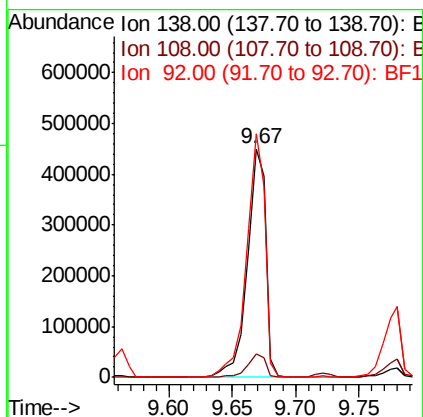
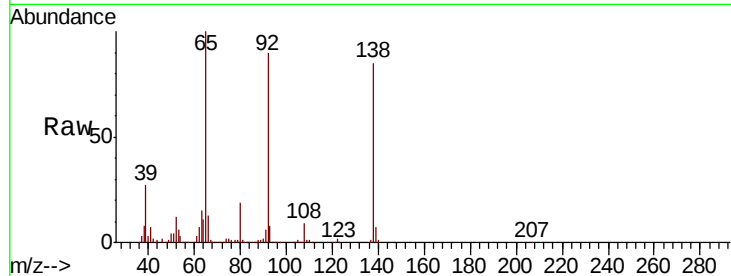
#53
3-Nitroaniline
Concen: 55.476 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.3	12.5
92	106.6	83.1	124.7

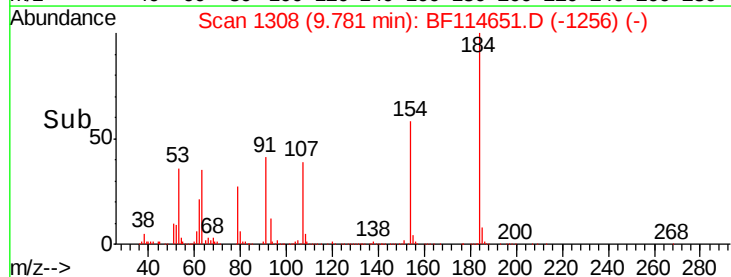
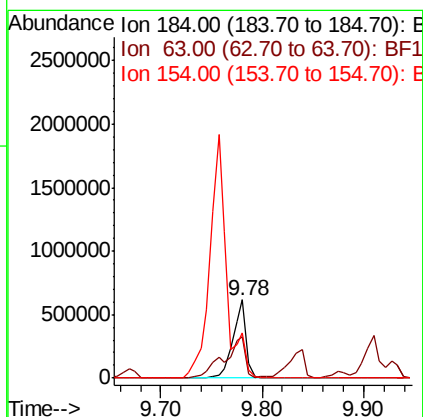
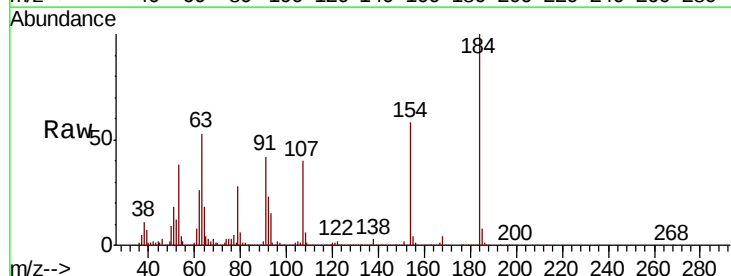
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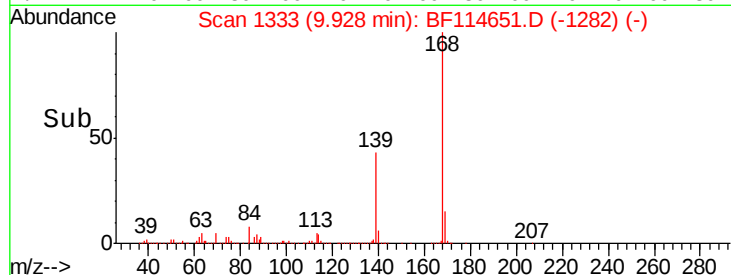
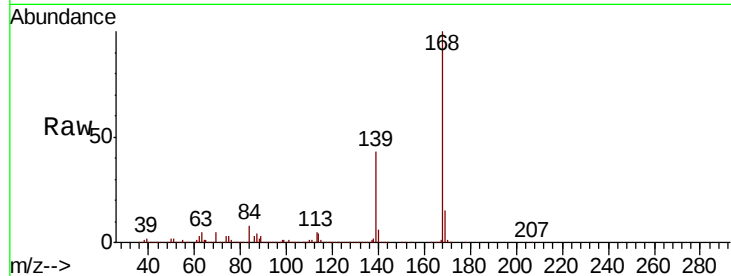
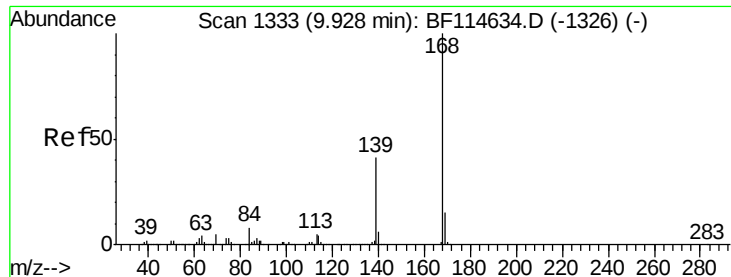
mohammad
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#54
2,4-Dinitrophenol
Concen: 206.124 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.6	38.8	58.2
154	58.1	43.7	65.5





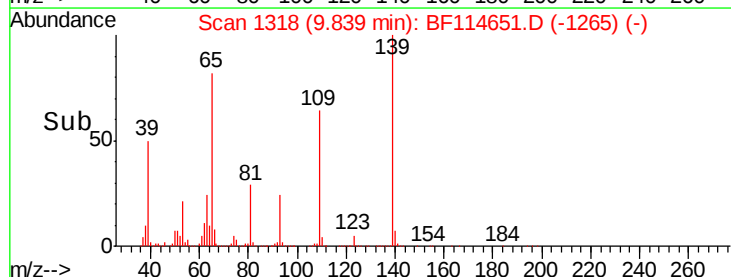
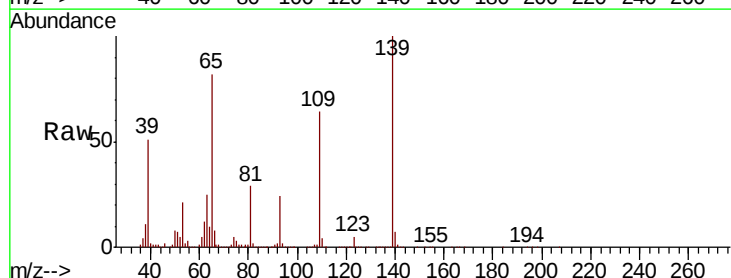
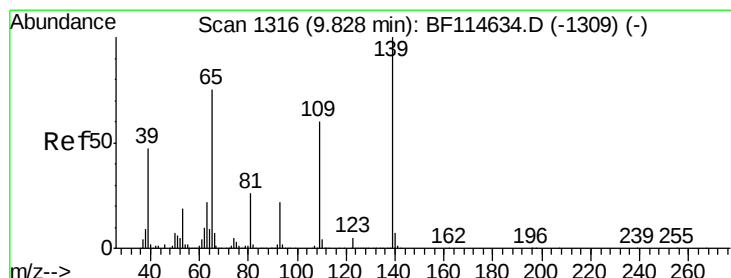
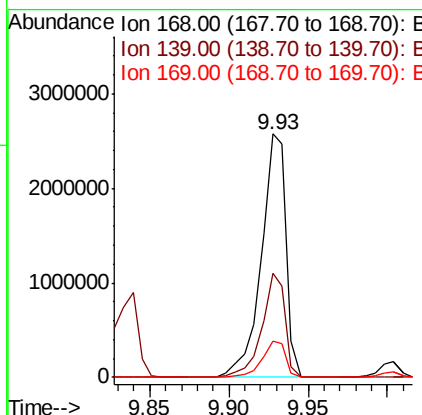
#55
Dibenzofuran
Concen: 82.232 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	32.6	48.8
169	15.1	11.8	17.8

Instrument :
BNA_F
ClientSampleId :
PB119288BS

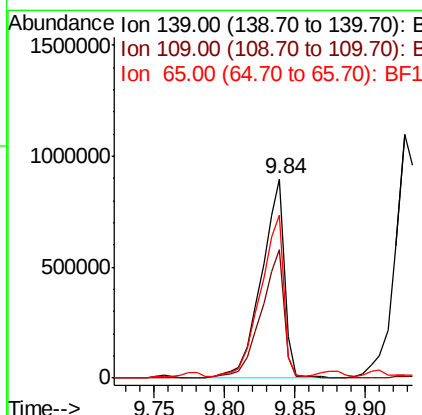
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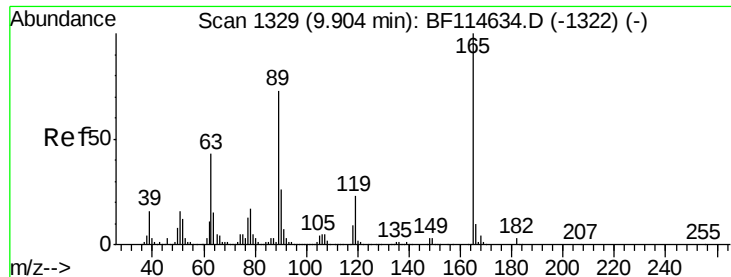
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#56
4-Nitrophenol
Concen: 168.239 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.4	40.4	80.4
65	82.1	54.7	94.7





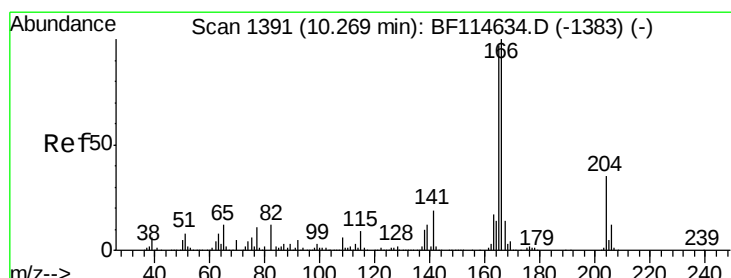
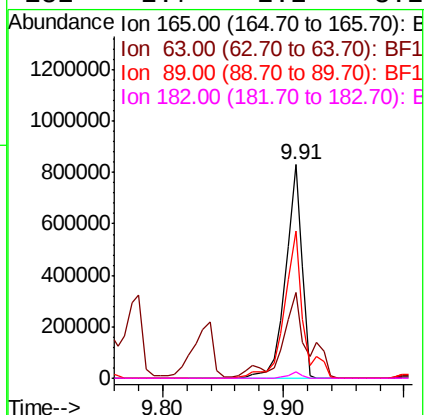
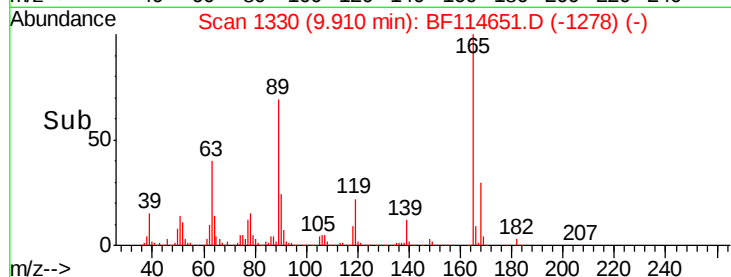
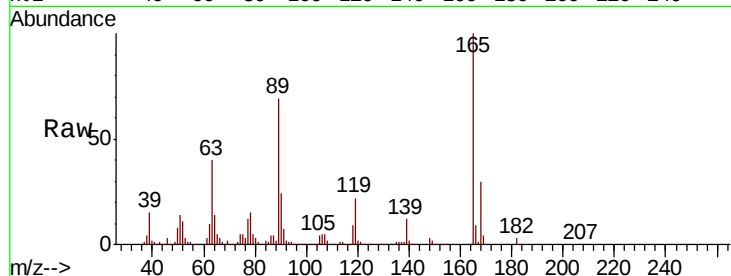
#57
2,4-Dinitrotoluene
Concen: 88.203 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion:	165	Resp:	763487
Ion Ratio	Lower	Upper	
165	100		
63	40.3	34.8	52.2
89	68.7	58.5	87.7
182	2.7	2.2	3.2

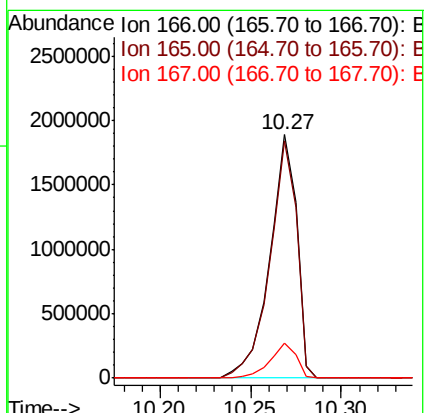
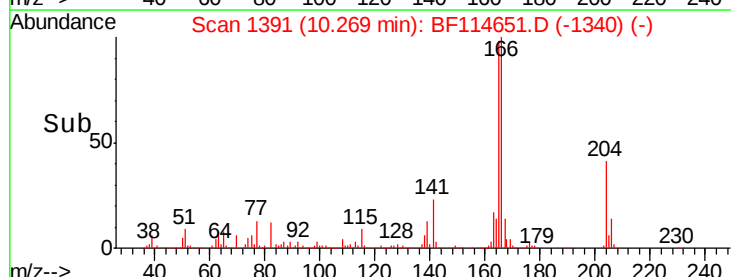
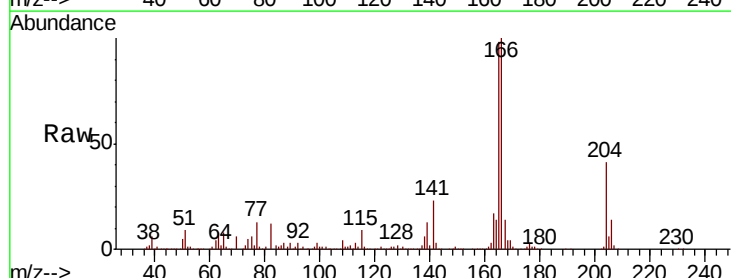
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#58
Fluorene
Concen: 84.654 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion:	166	Resp:	1955282
Ion Ratio	Lower	Upper	
166	100		
165	97.6	77.6	116.4
167	14.1	11.2	16.8





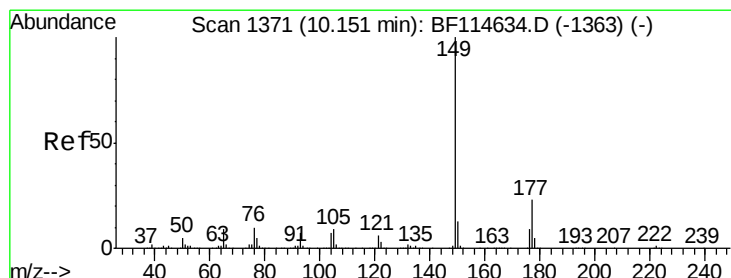
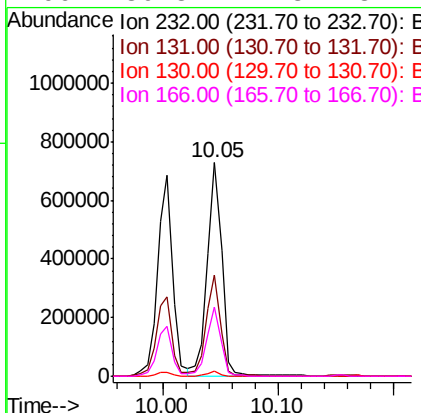
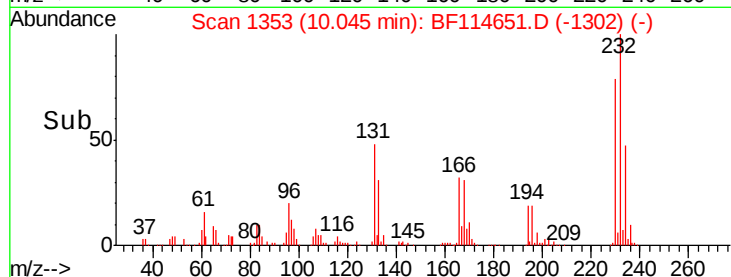
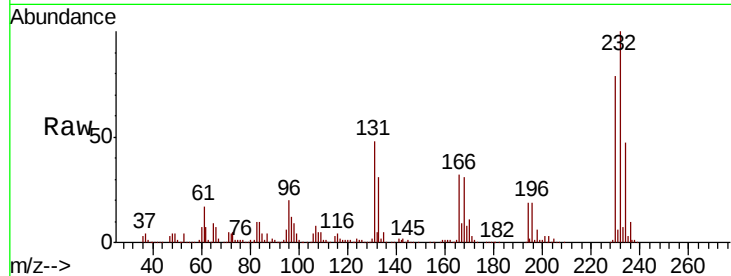
#59
2,3,4,6-Tetrachlorophenol
Concen: 89.936 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleID :
PB119288BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.2	55.8
130	2.3	1.8	2.8
166	30.8	24.8	37.2

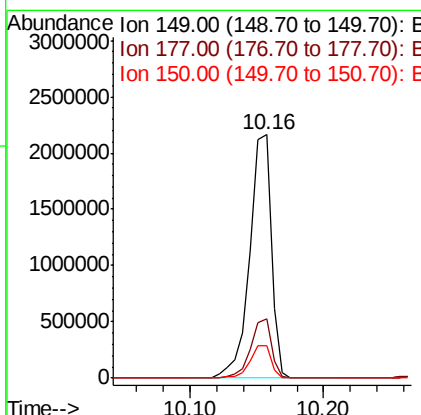
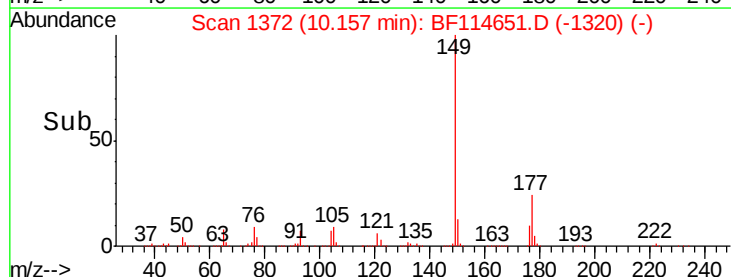
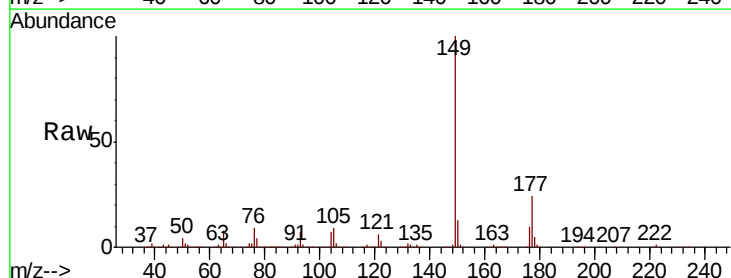
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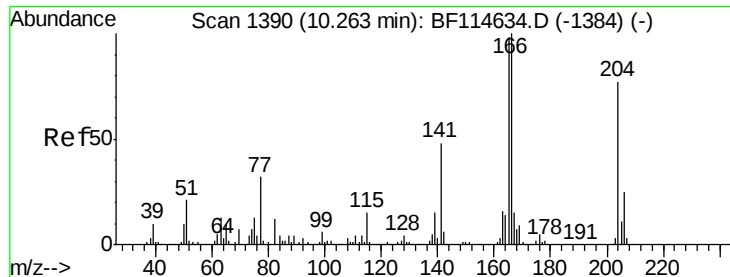
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#60
Diethylphthalate
Concen: 80.755 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.6	28.0
150	13.3	10.6	15.8





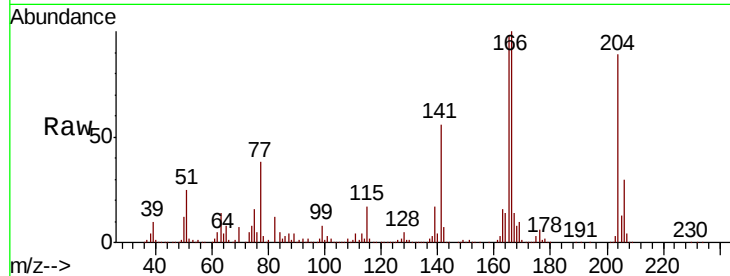
#61
4-Chlorophenyl-phenylether
Concen: 83.949 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampled :
PB119288BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.4	39.6
141	63.3	50.0	75.0

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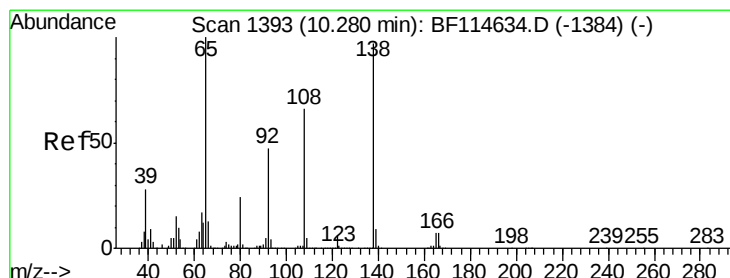
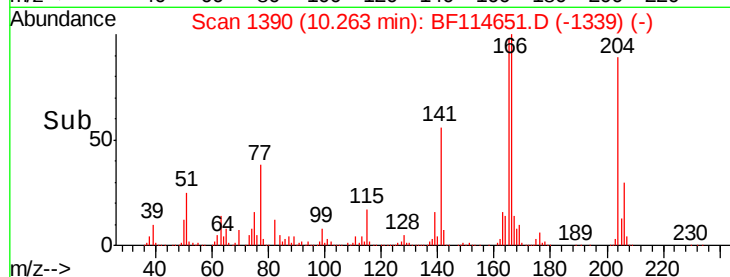
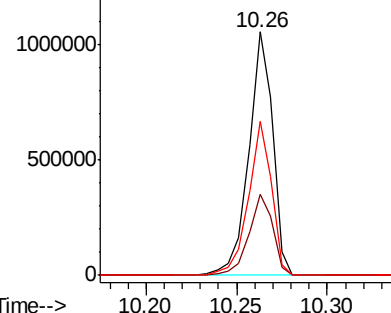


Abundance

Ion 204.00 (203.70 to 204.70): E

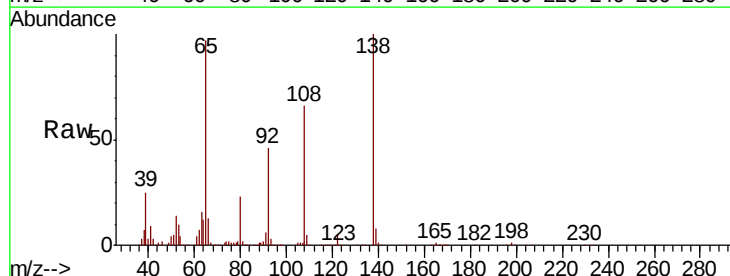
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 73.623 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.0	28.0	68.0
108	65.9	48.4	88.4

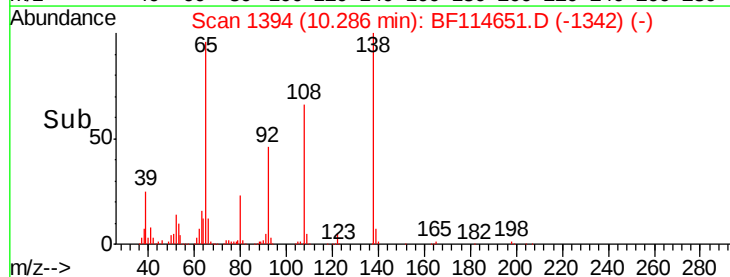
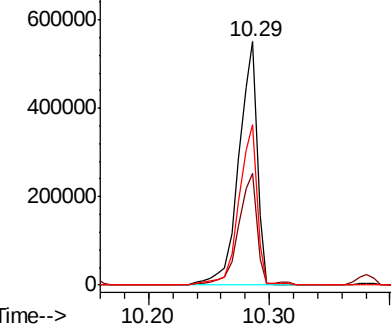


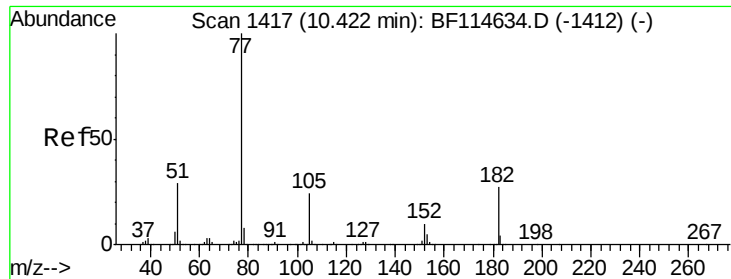
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





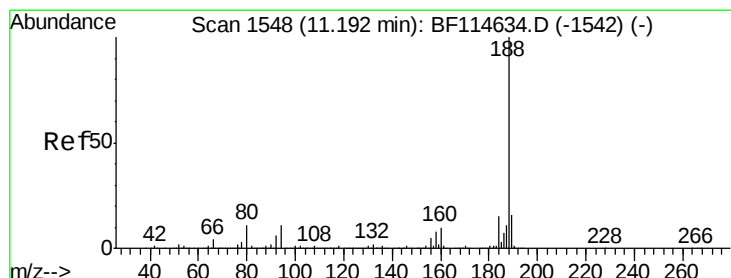
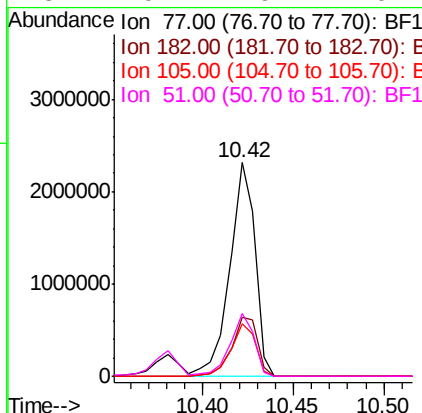
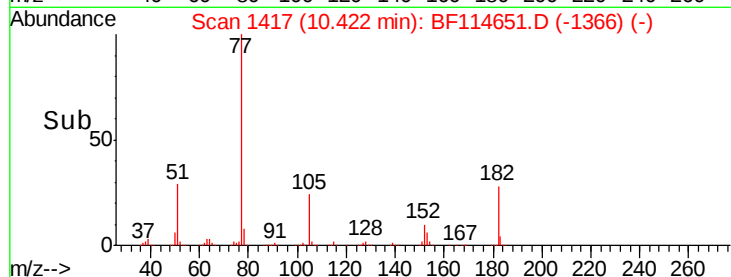
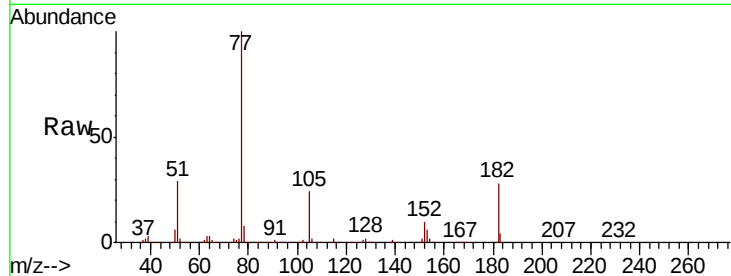
#63
Azobenzene
Concen: 82.069 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.8	7.0	47.0	
105	24.3	3.7	43.7	
51	29.2	9.1	49.1	

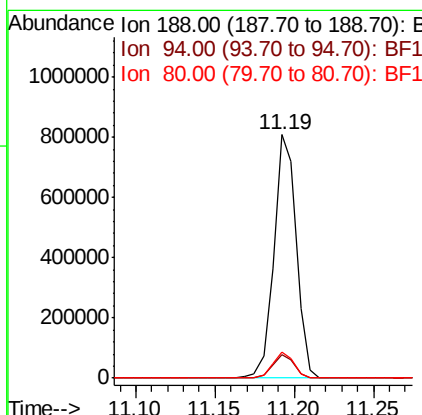
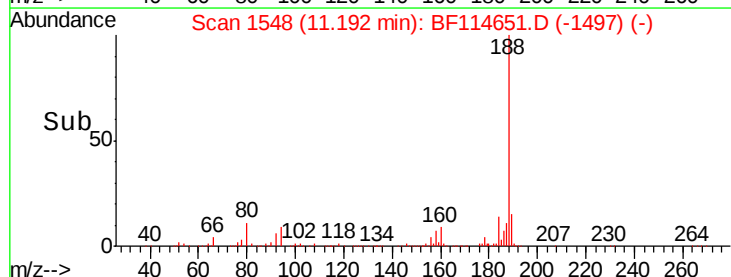
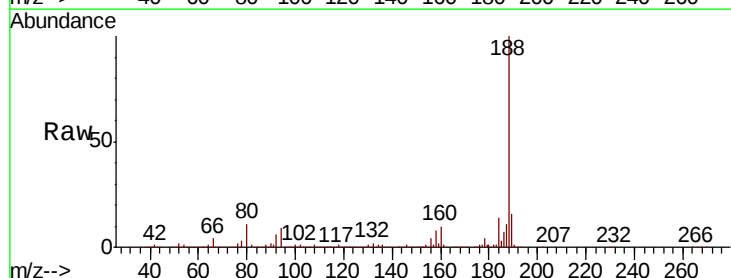
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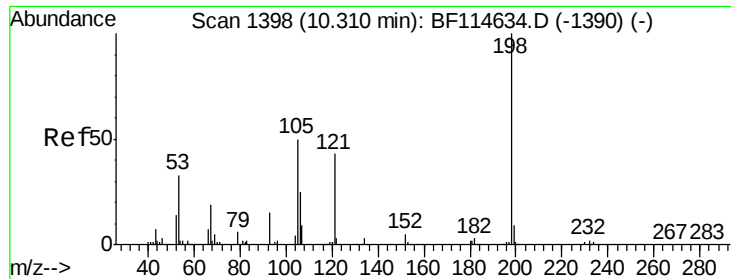
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.5	8.6	13.0	
80	10.8	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 92.537 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

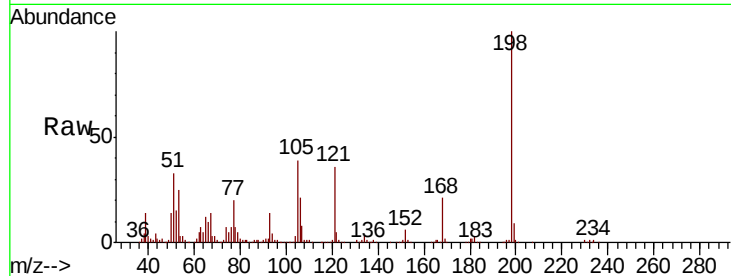
ClientSampleId :

PB119288BS

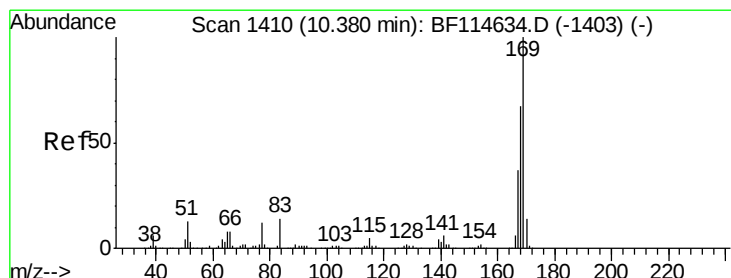
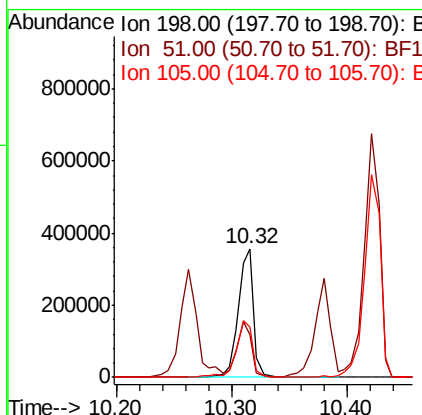
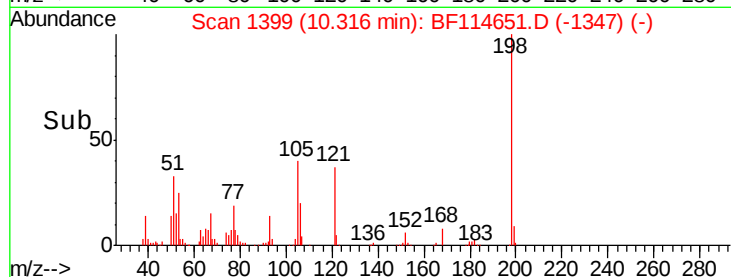
Tot Ion:	198	Resp:	326448
Ion Ratio	Lower	Upper	
198	100		
51	32.8	29.0	69.0
105	39.1	30.4	70.4

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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: 84.195 ng

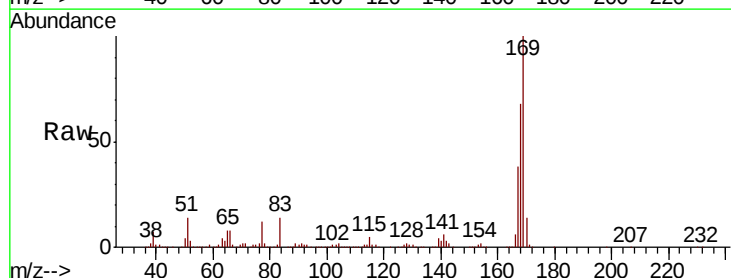
RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

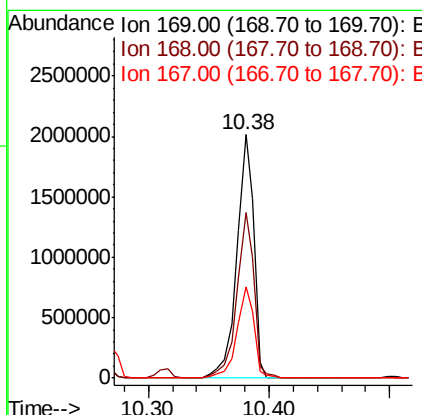
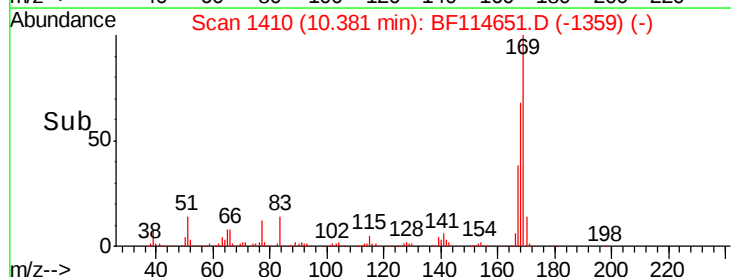
Lab File: BF114651.D

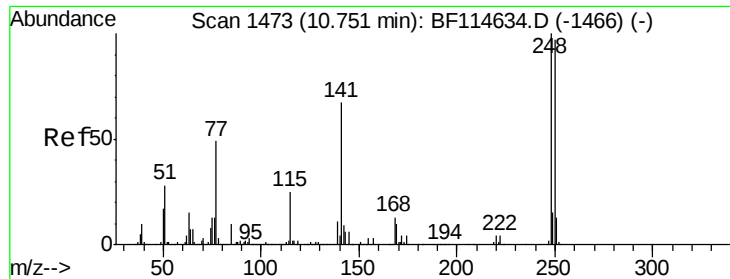
Acq: 30 May 2019 9:18

Tgt Ion:	169	Resp:	1979075
Ion Ratio	Lower	Upper	
169	100		
168	68.1	53.8	80.8
167	37.7	29.8	44.6



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





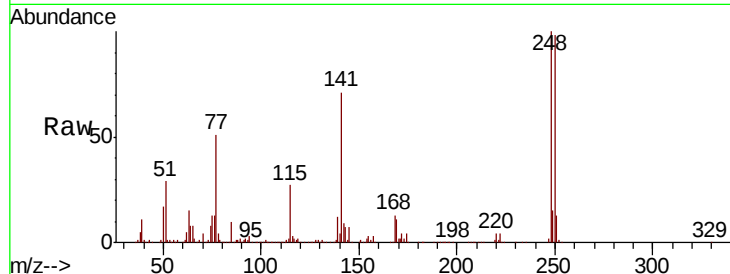
#67
 4-Bromophenyl-phenylether
 Concen: 81.775 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BS

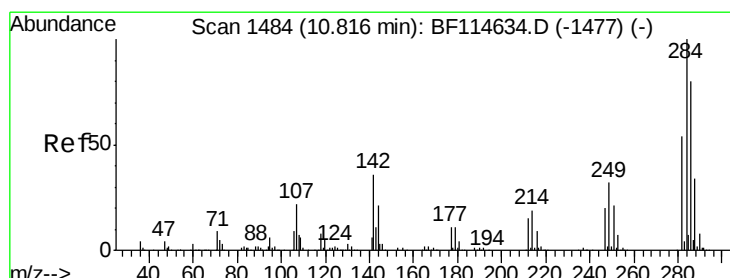
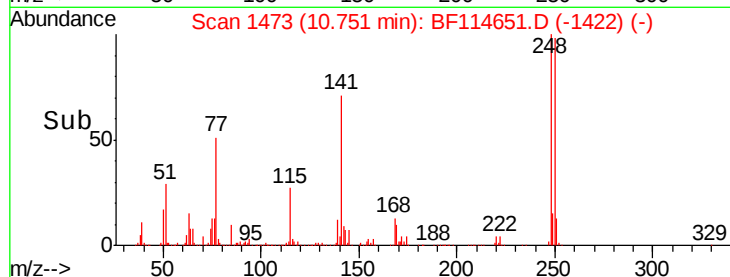
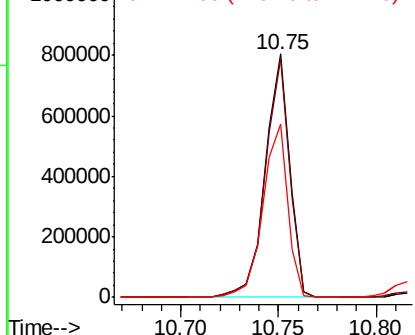
Tot Ion:	248	Resp:	697677
Ion Ratio	Lower	Upper	
248	100		
250	98.0	78.0	117.0
141	71.0	53.8	80.8

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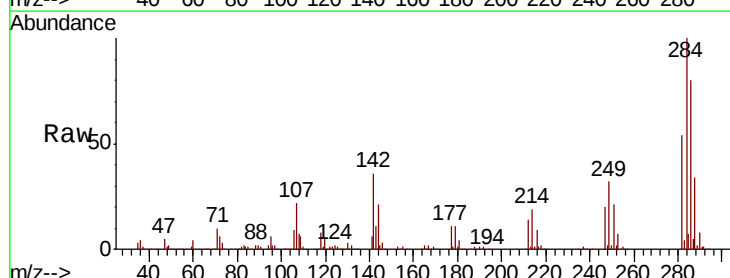


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

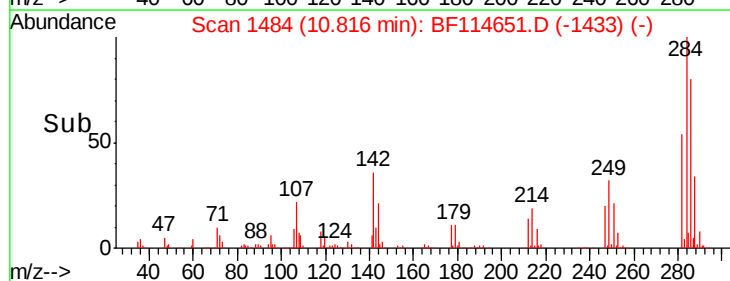
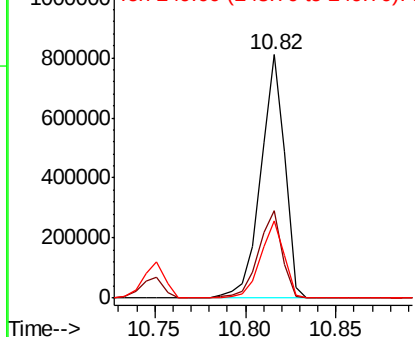


#68
 Hexachlorobenzene
 Concen: 80.260 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Tgt Ion:	284	Resp:	741668
Ion Ratio	Lower	Upper	
284	100		
142	36.1	28.9	43.3
249	31.7	25.8	38.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





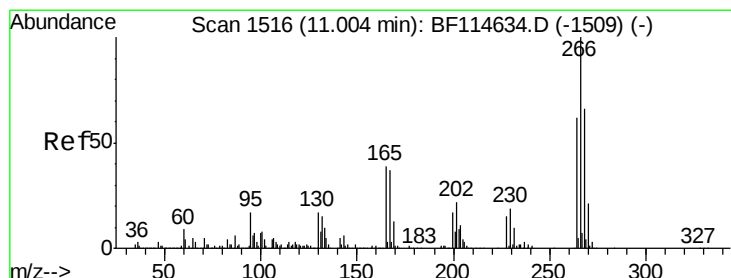
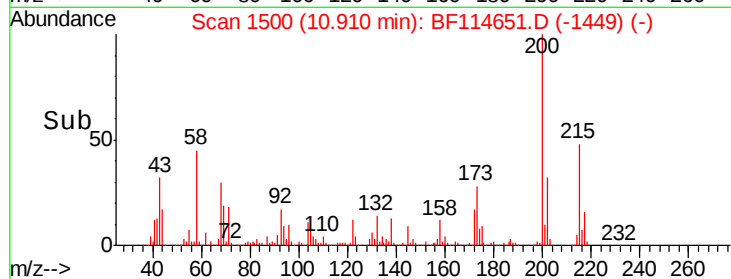
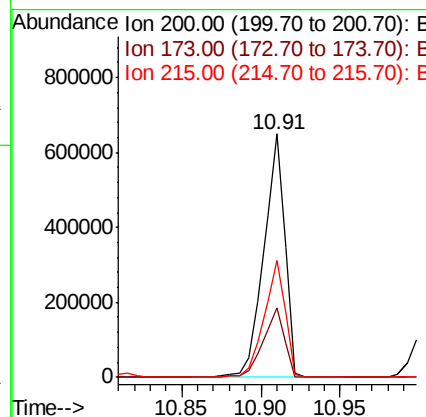
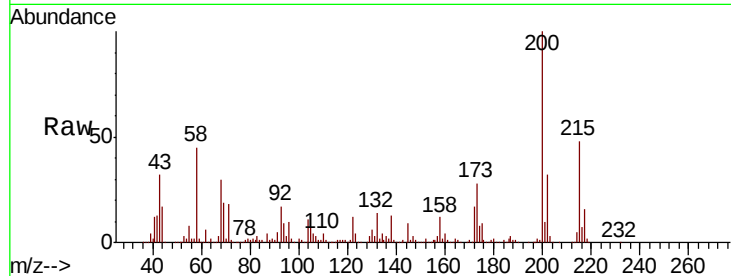
#69
Atrazine
Concen: 82.181 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	608636		
173	28.4	7.9	47.9	
215	47.9	27.8	67.8	

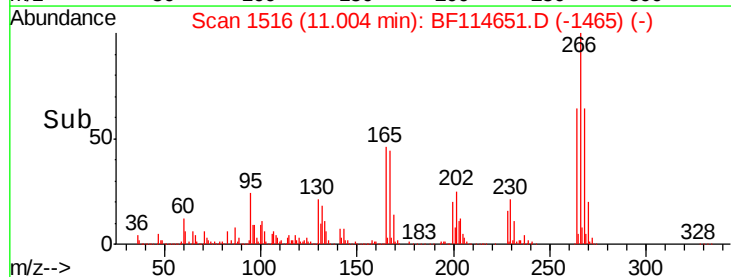
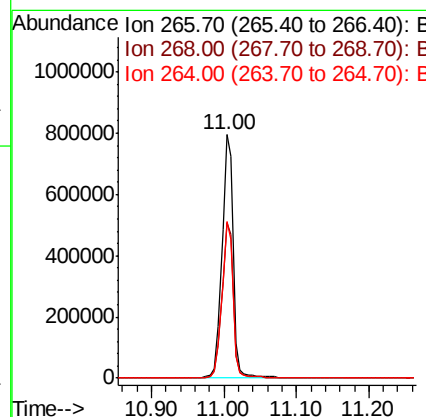
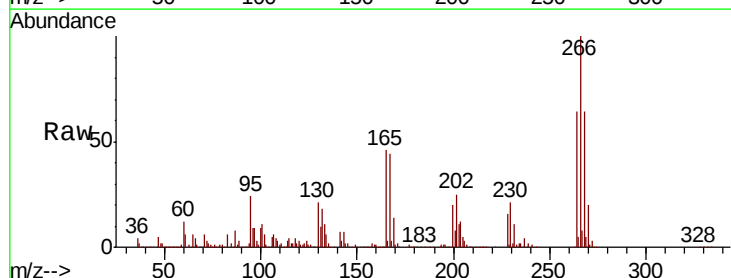
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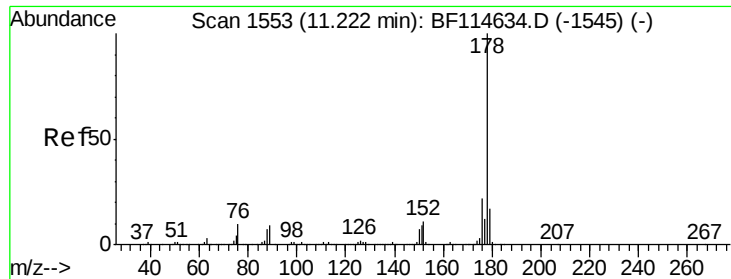
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#70
Pentachlorophenol
Concen: 162.879 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	867630		
268	63.9	52.8	79.2	
264	64.1	49.9	74.9	





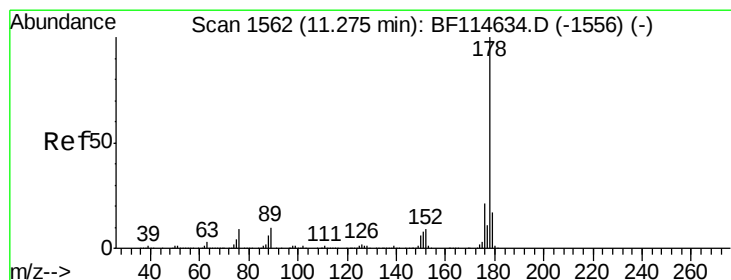
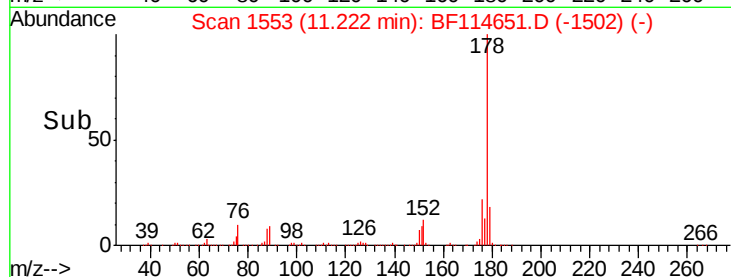
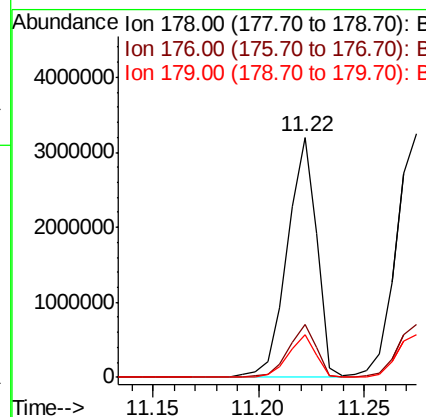
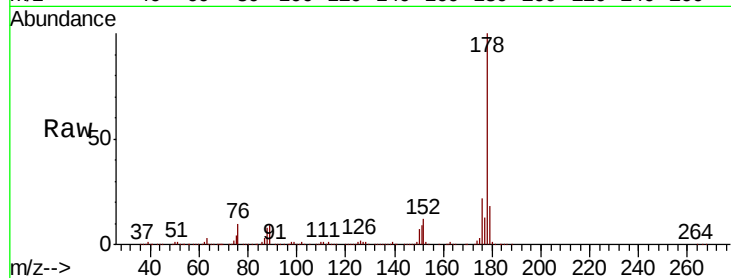
#71
Phenanthrene
Concen: 76.395 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.9	17.2	25.8
179	17.6	13.9	20.9

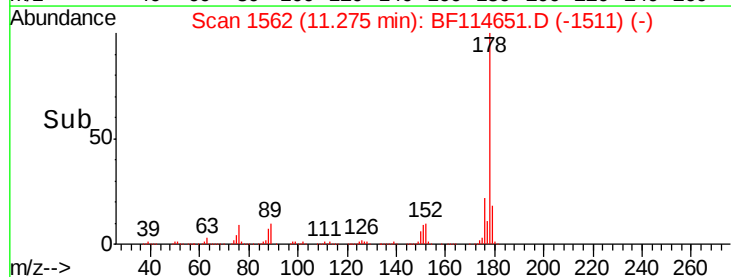
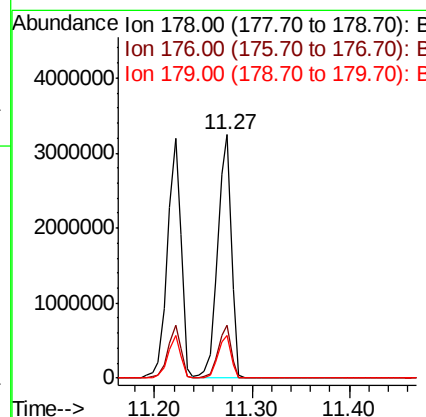
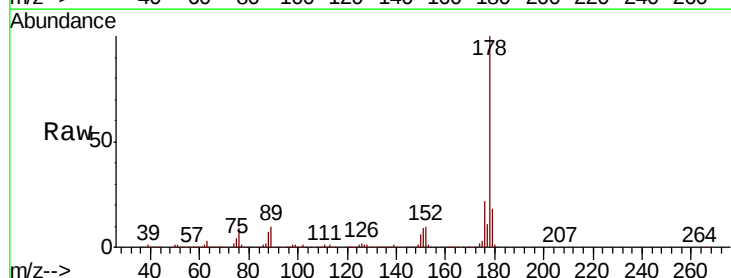
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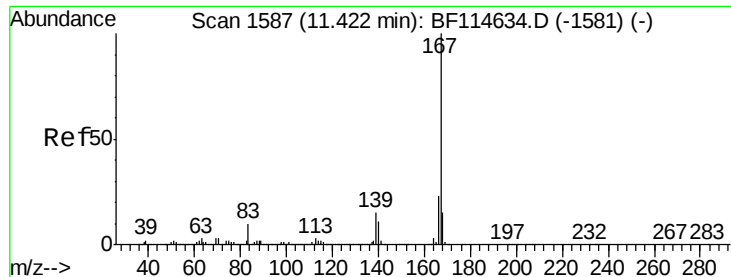
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#72
Anthracene
Concen: 76.683 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.6	24.8
179	17.7	13.4	20.0





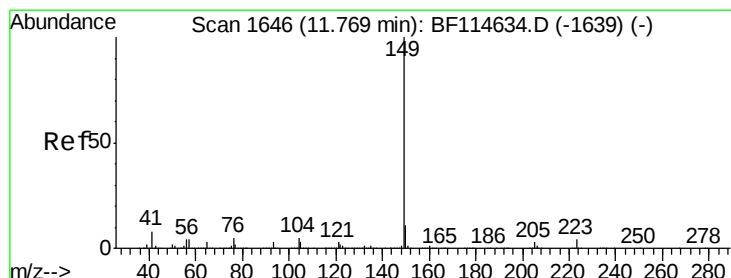
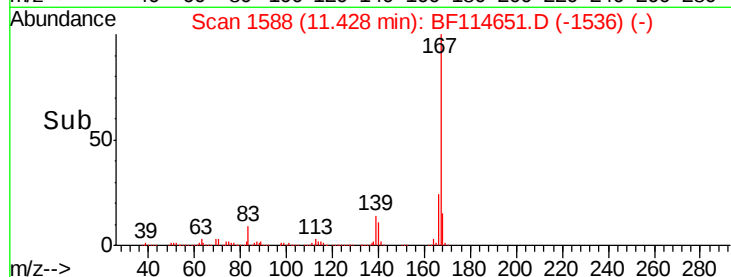
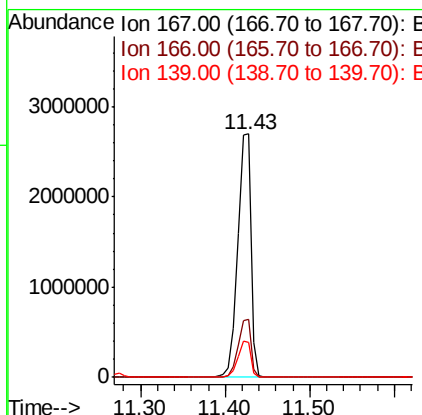
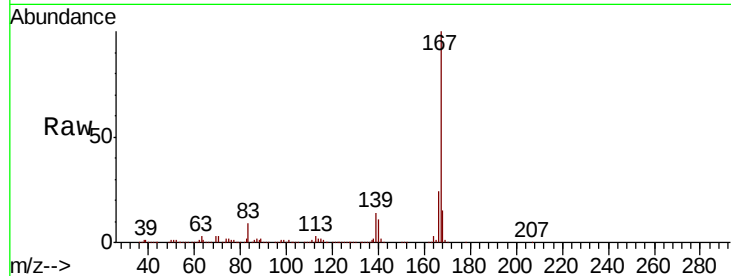
#73
 Carbazole
 Concen: 79.331 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.7	28.1
139	14.4	11.8	17.8

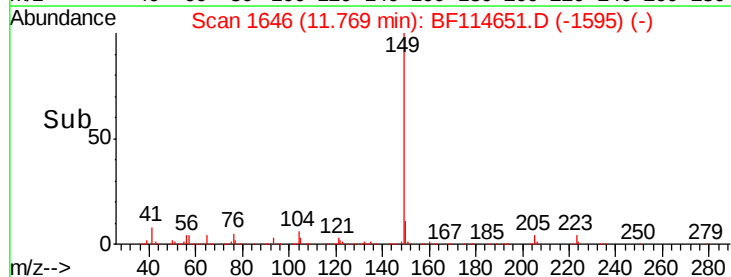
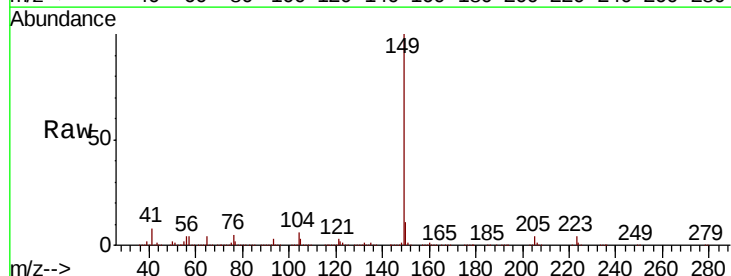
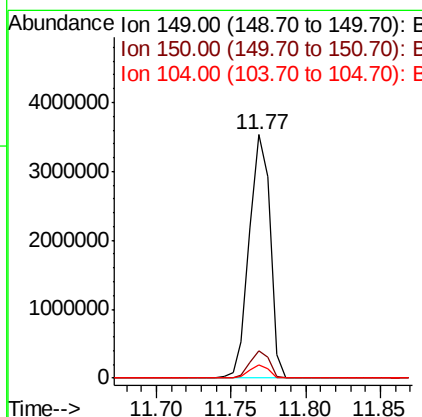
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#74
 Di-n-butylphthalate
 Concen: 77.697 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.1	8.6	12.8
104	5.6	4.3	6.5





#75

Fluoranthene

Concen: 75.042 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

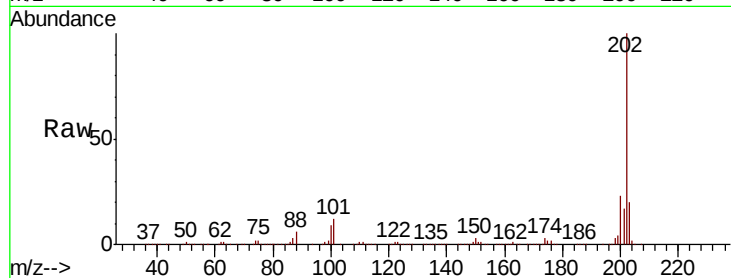
ClientSampleId :

PB119288BS

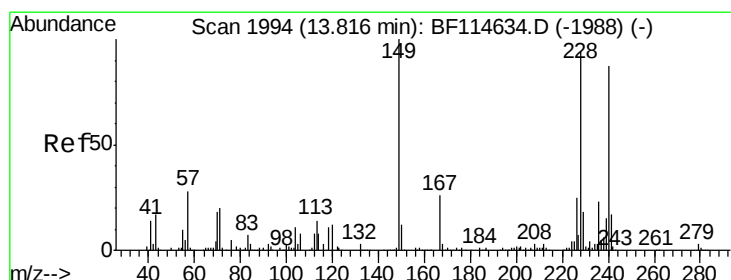
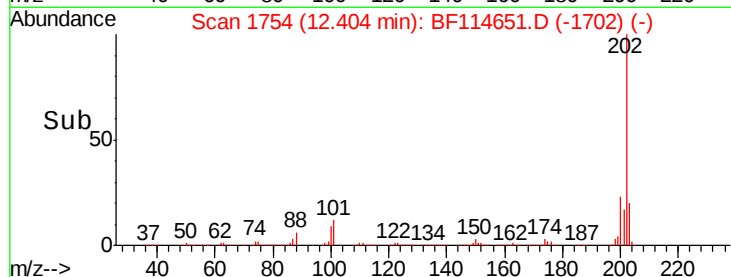
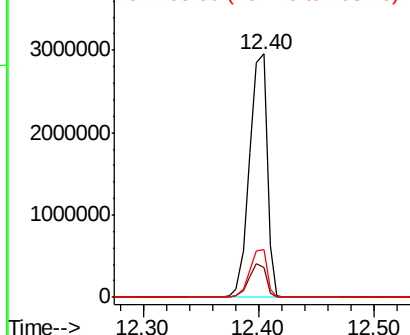
Tot Ion:	202	Resp:	3153567
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	33.9
203	19.6	0.0	39.1

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

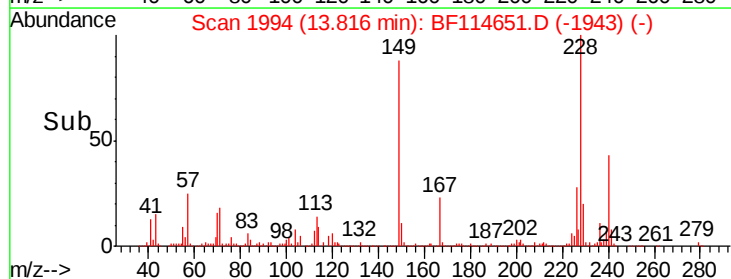
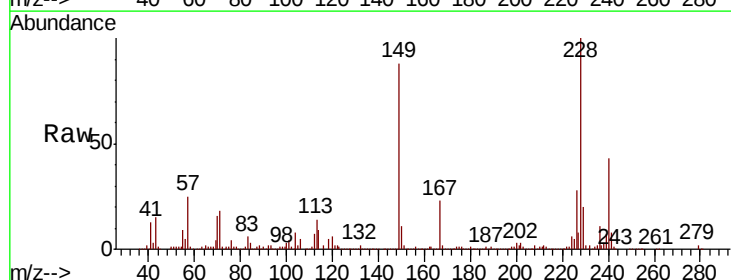
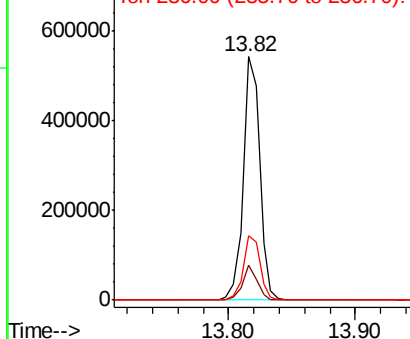
Delta R.T. 0.00 min

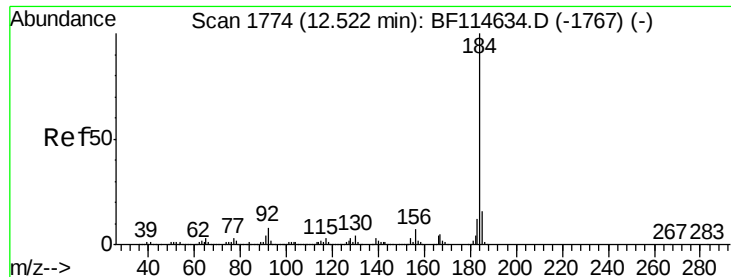
Lab File: BF114651.D

Acq: 30 May 2019 9:18

Tgt Ion:	240	Resp:	482107
Ion Ratio	Lower	Upper	
240	100		
120	14.2	11.2	16.8
236	26.4	21.2	31.8

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





#77

Benzidine

Concen: 52.852 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

ClientSampleId :

PB119288BS

Tot Ion:184 Resp: 1049235

Ion Ratio Lower Upper

184 100

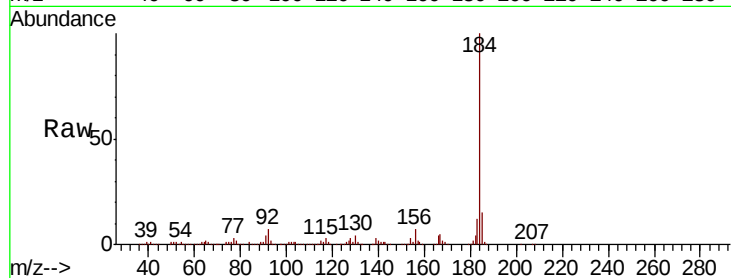
185 14.9 12.6 18.8

183 11.9 9.4 14.2

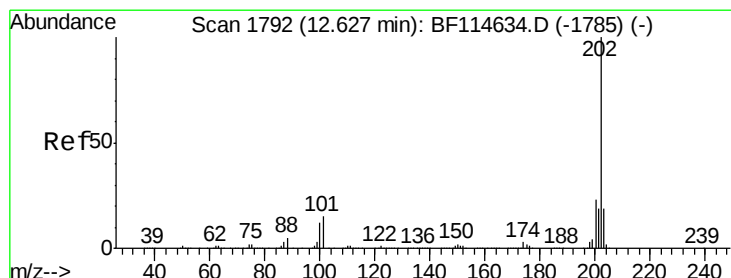
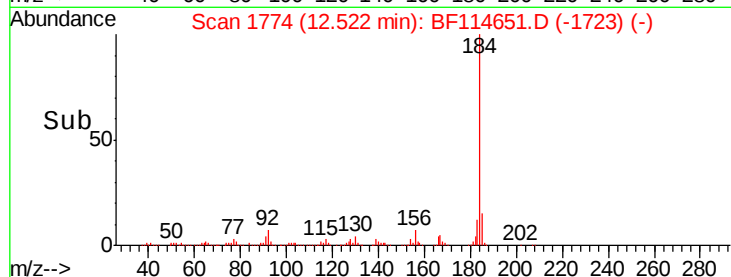
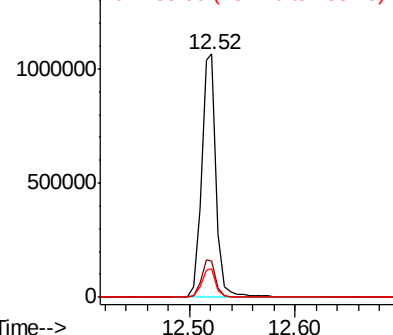
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 77.977 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

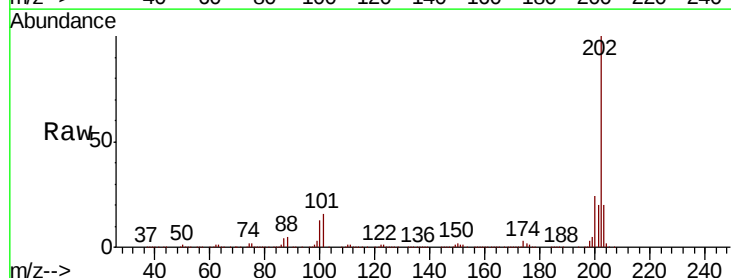
Tgt Ion:202 Resp: 3180101

Ion Ratio Lower Upper

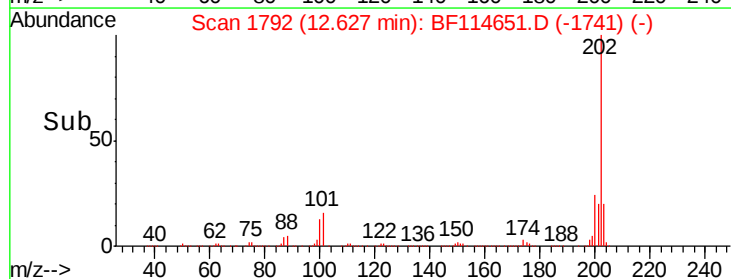
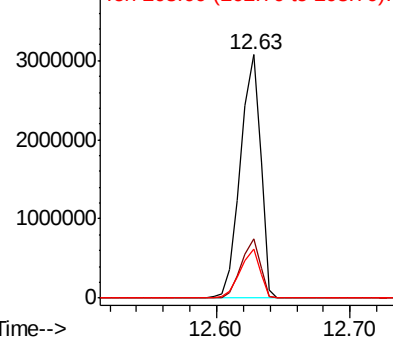
202 100

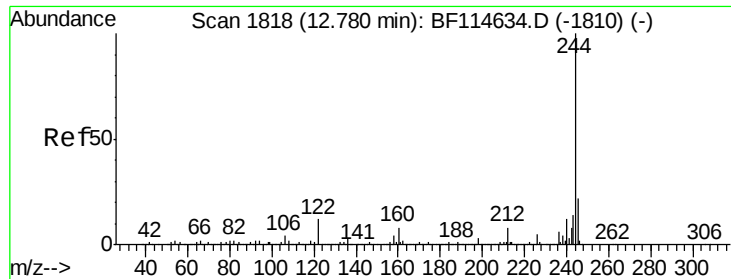
200 24.2 18.6 28.0

203 19.9 15.4 23.2



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





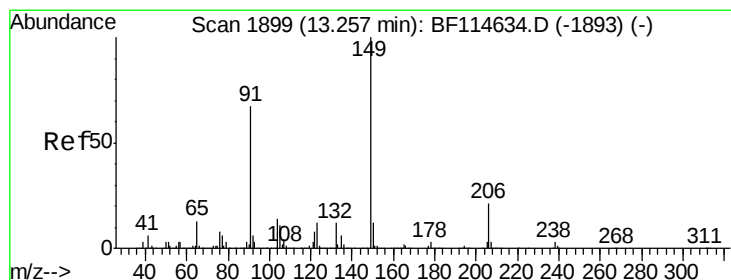
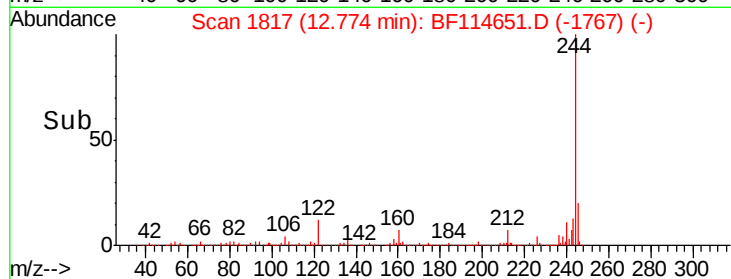
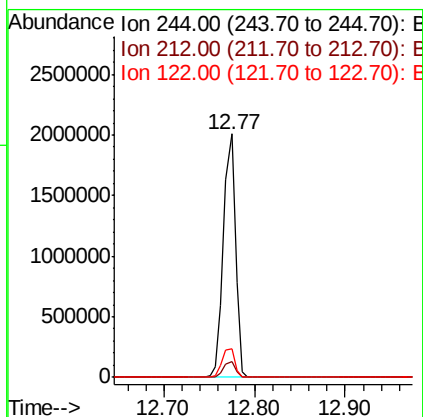
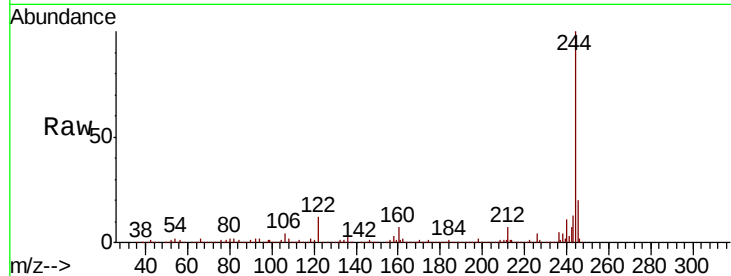
#79
 Terphenyl-d14
 Concen: 71.144 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PB119288BS

Tot Ion:244 Resp: 1824278
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 11.6 9.8 14.8

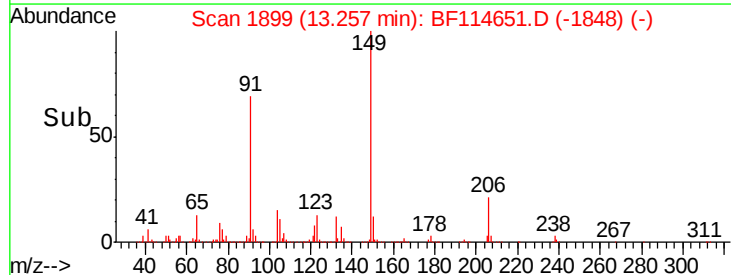
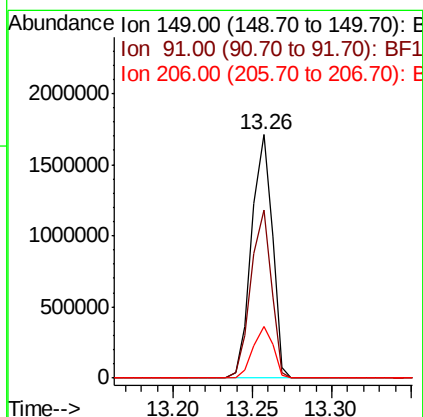
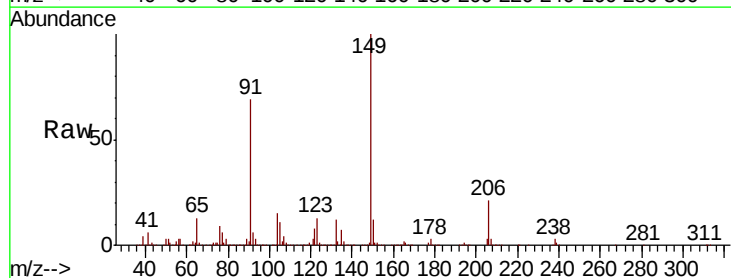
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#80
 Butylbenzylphthalate
 Concen: 76.154 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Tgt Ion:149 Resp: 1560847
 Ion Ratio Lower Upper
 149 100
 91 68.9 53.8 80.8
 206 21.0 16.9 25.3





#81

Benzo(a)anthracene

Concen: 77.446 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114651.D

Acq: 30 May 2019 9:18

Instrument :

BNA_F

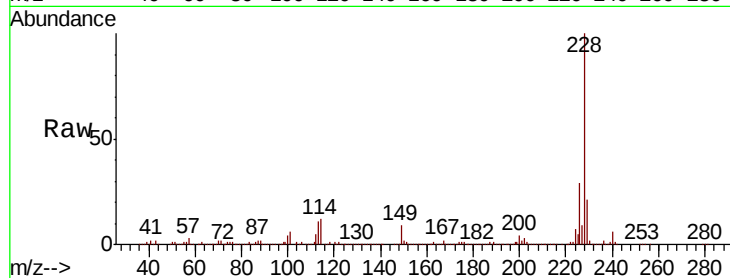
ClientSampleId :

PB119288BS

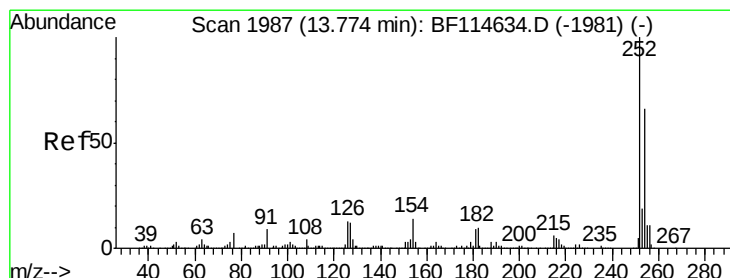
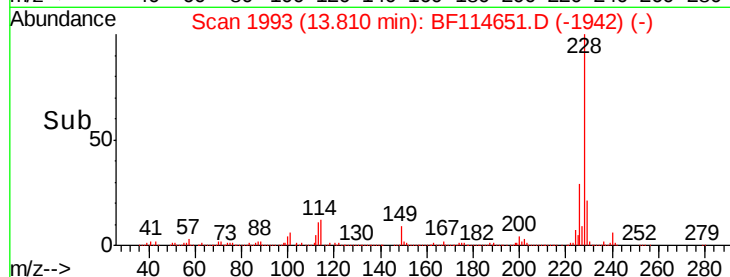
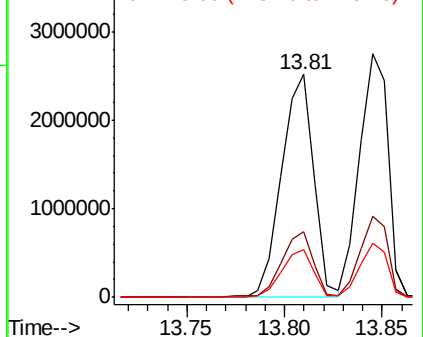
Tot Ion:	228	Resp:	2869242
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.0	34.6
229	21.3	17.0	25.4

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



#82

3,3'-Dichlorobenzidine

Concen: 69.344 ng

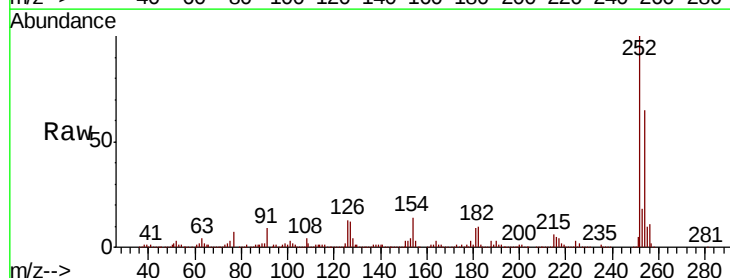
RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

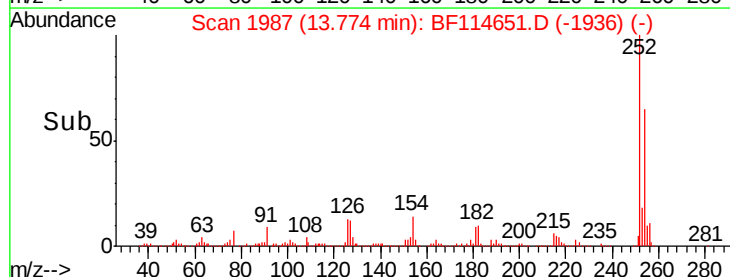
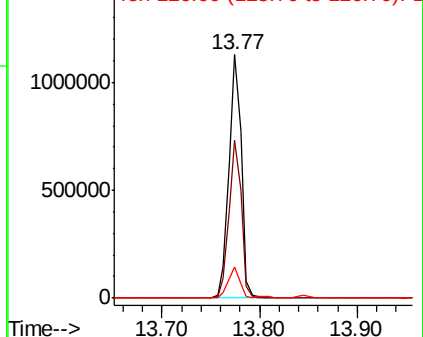
Lab File: BF114651.D

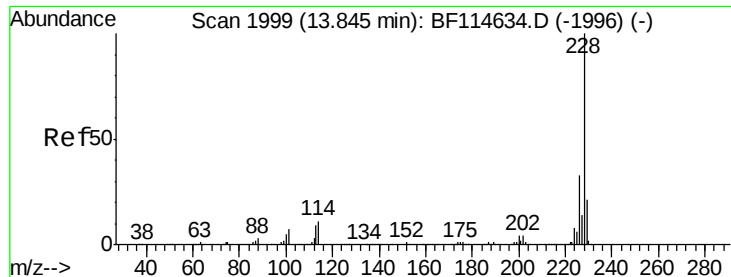
Acq: 30 May 2019 9:18

Tgt Ion:	252	Resp:	992144
Ion Ratio	Lower	Upper	
252	100		
254	64.8	53.1	79.7
126	12.9	10.2	15.2



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





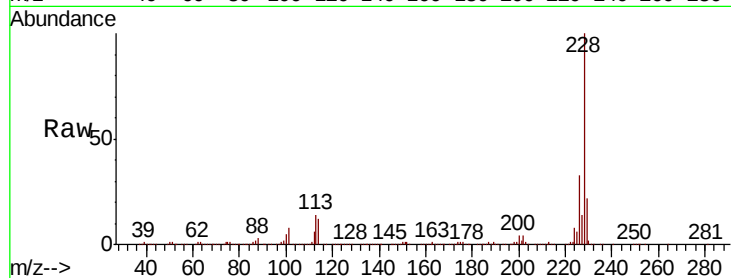
#83
Chrysene
Concen: 78.757 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.4	39.6
229	22.0	17.1	25.7

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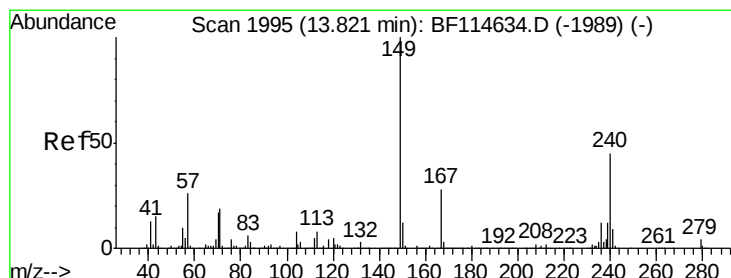
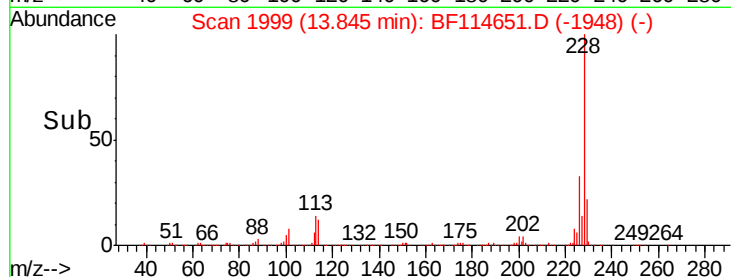
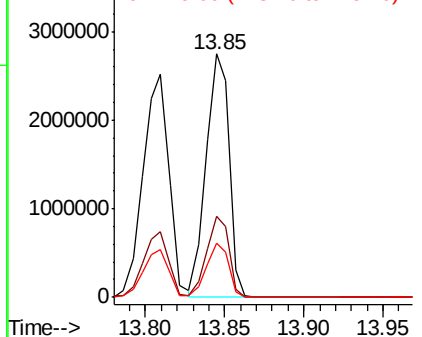


Abundance

Ion 228.00 (227.70 to 228.70): E

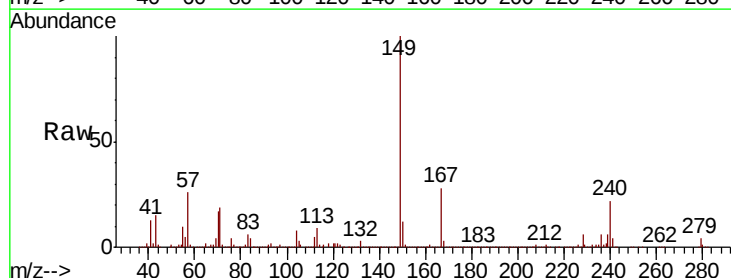
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 80.302 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	33.8
279	3.8	3.0	4.4

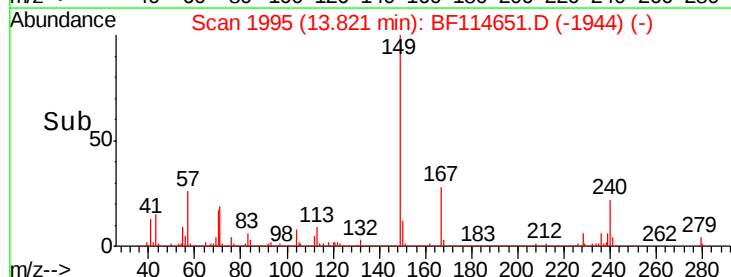
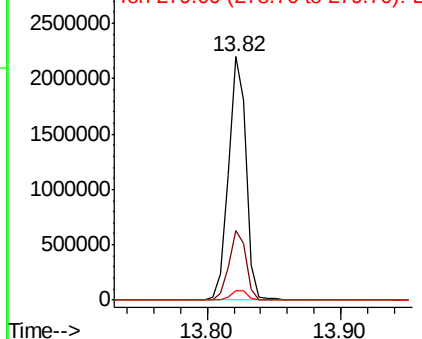


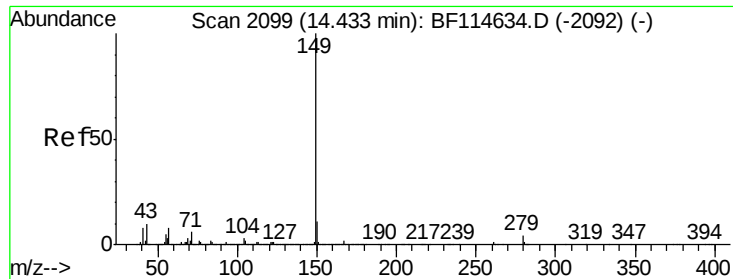
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





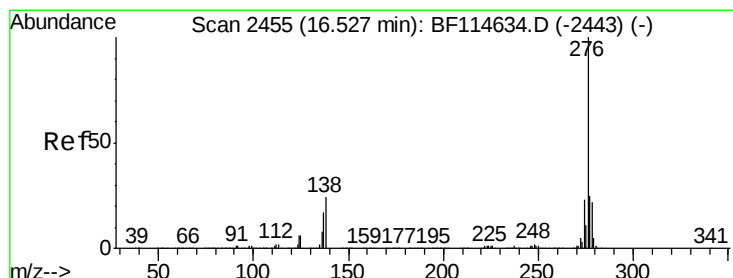
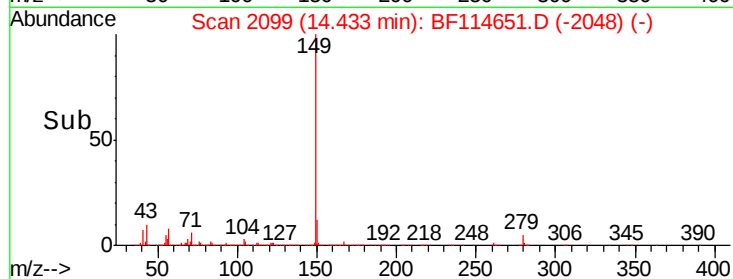
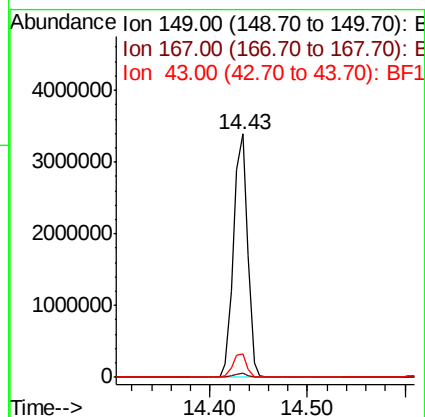
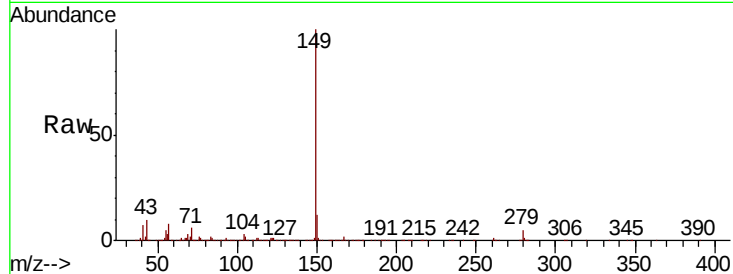
#85
Di-n-octyl phthalate
Concen: 77.291 ng
RT: 14.43 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.7	8.0	12.0

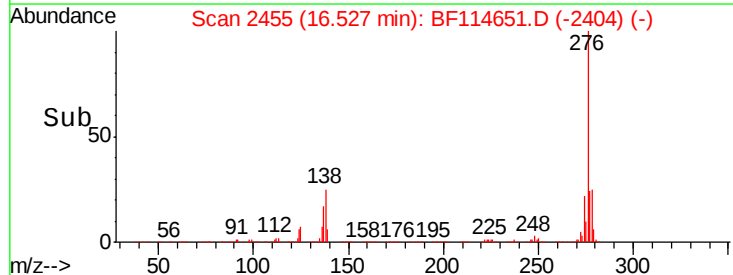
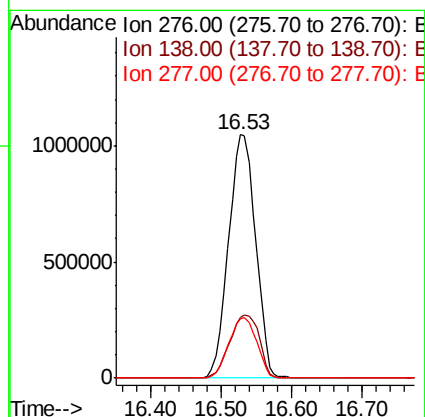
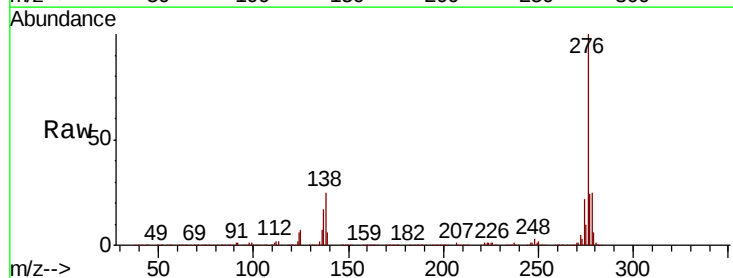
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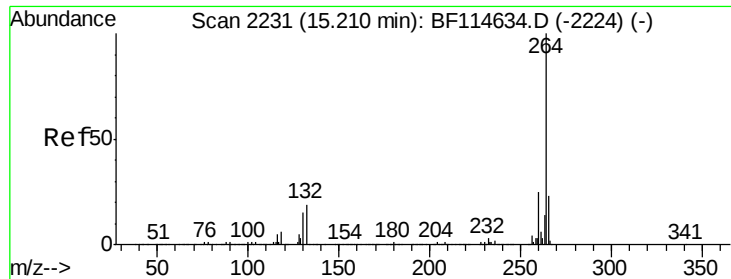
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 78.655 ng
RT: 16.53 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	23.0	34.6
277	25.6	20.5	30.7





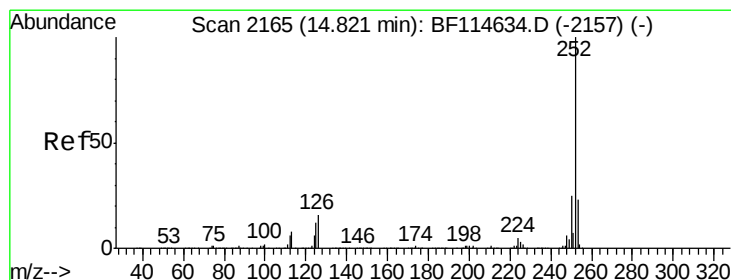
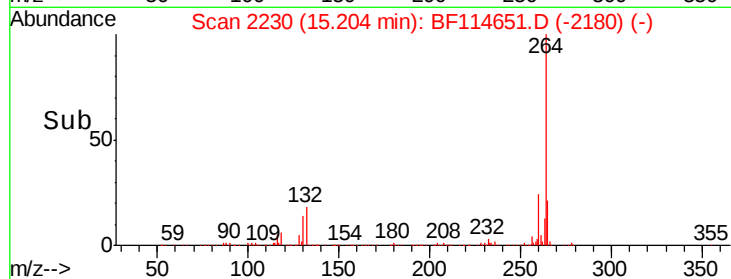
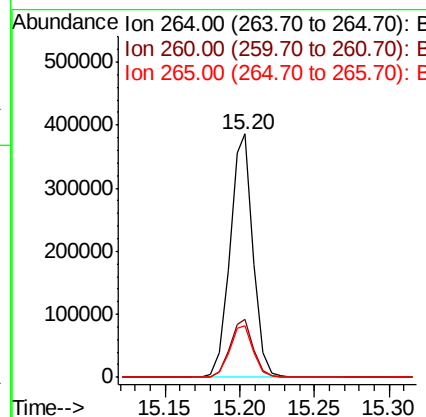
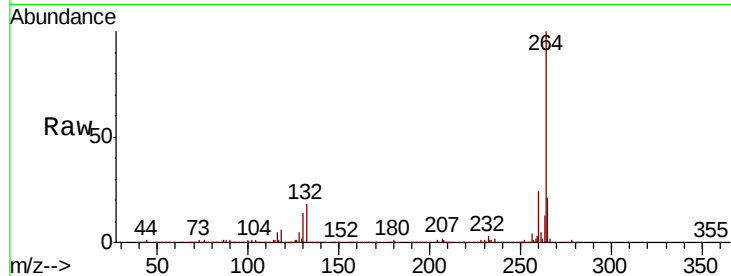
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Instrument :
 BNA_F
 ClientSampleID :
 PB119288BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	21.2	18.1	27.1

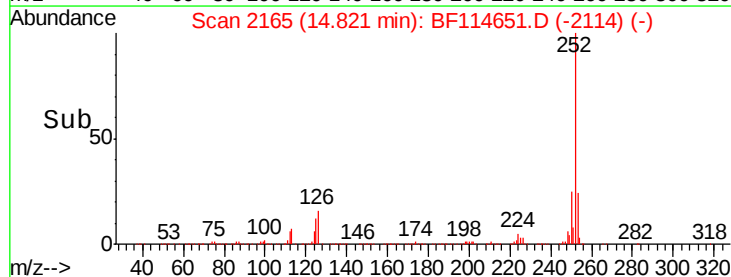
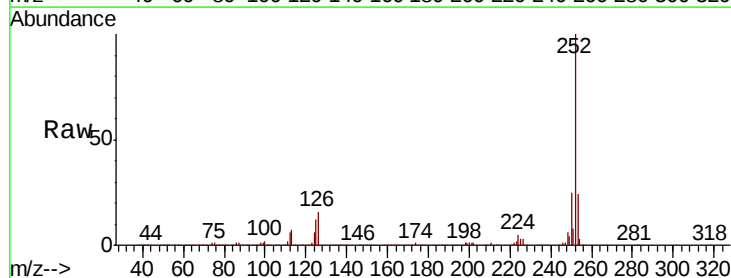
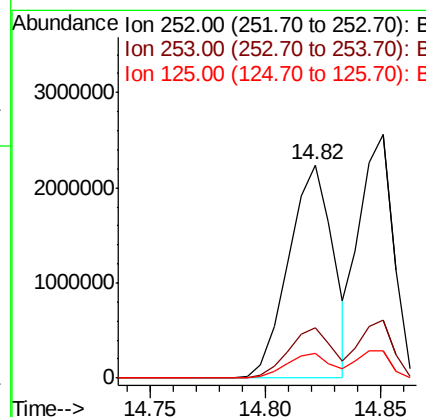
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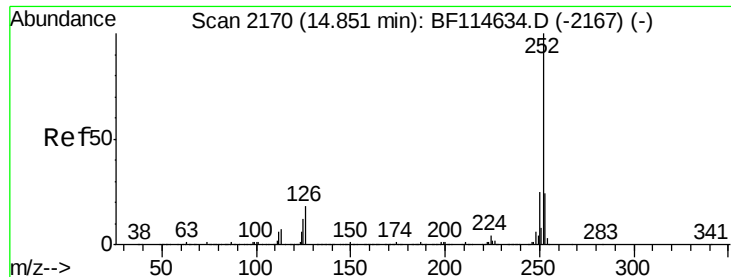
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#88
 Benzo(b)fluoranthene
 Concen: 113.472 ng
 RT: 14.82 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BF114651.D
 Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.7	28.1
125	11.6	9.4	14.2





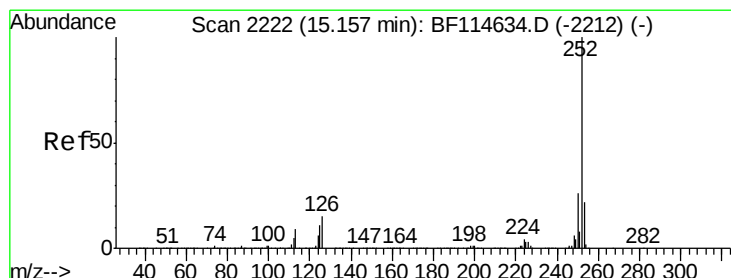
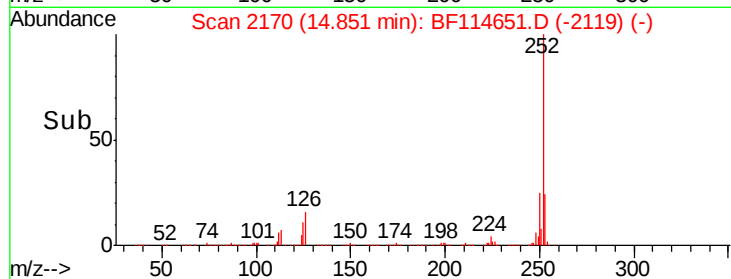
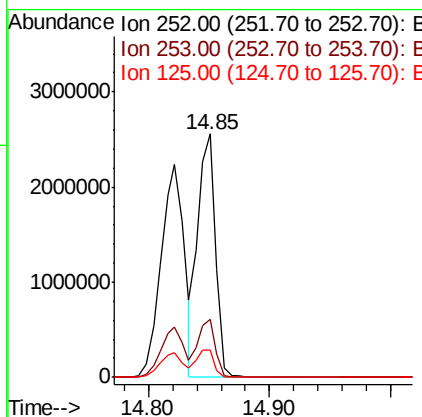
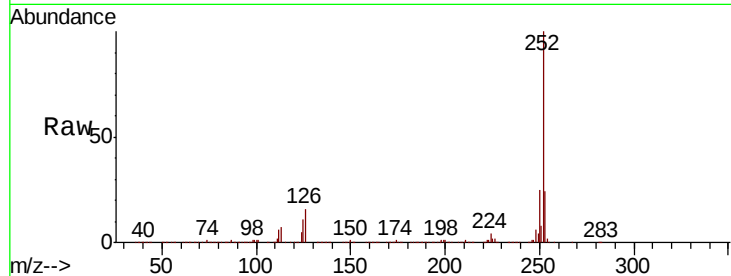
#89
Benzo(k)fluoranthene
Concen: 114.304 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	11.4	9.5	14.3

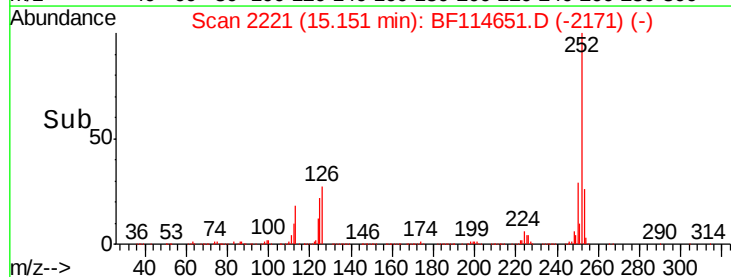
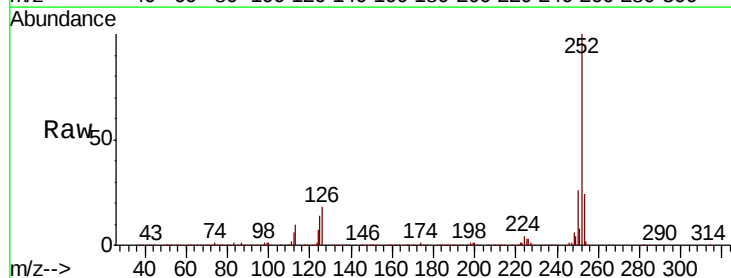
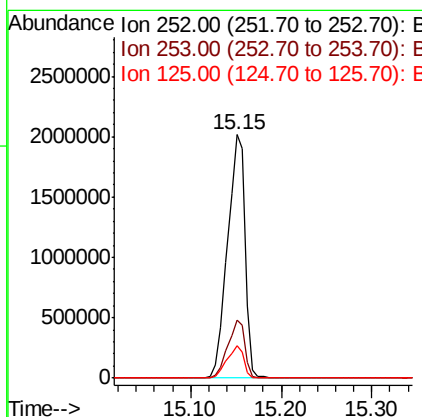
Manual Integrations
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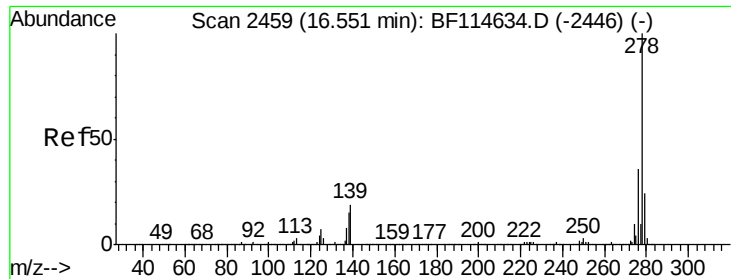
mohammad
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#90
Benzo(a)pyrene
Concen: 116.641 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	13.6	9.2	13.8





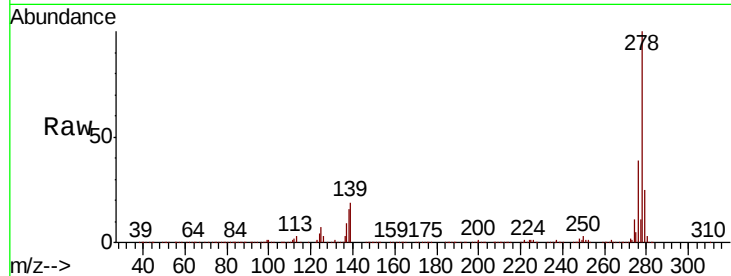
#91
Dibenzo(a,h)anthracene
Concen: 113.058 ng
RT: 16.55 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.9	22.3
279	25.0	19.5	29.3

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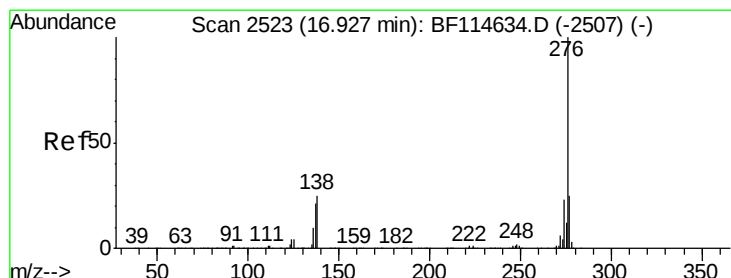
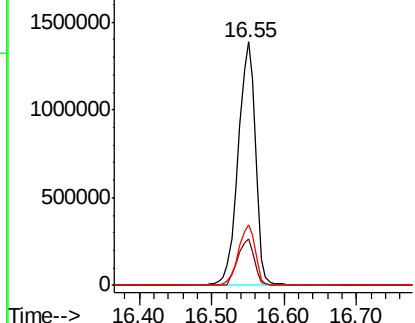
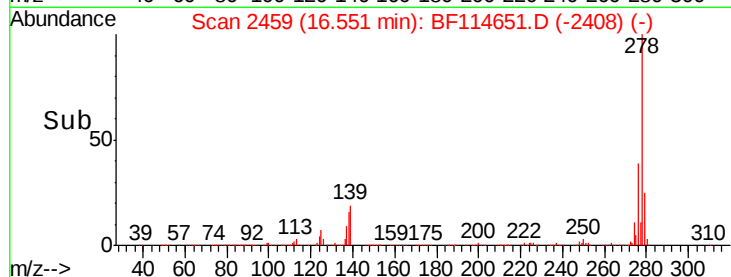


Abundance

Ion 278.00 (277.70 to 278.70): E

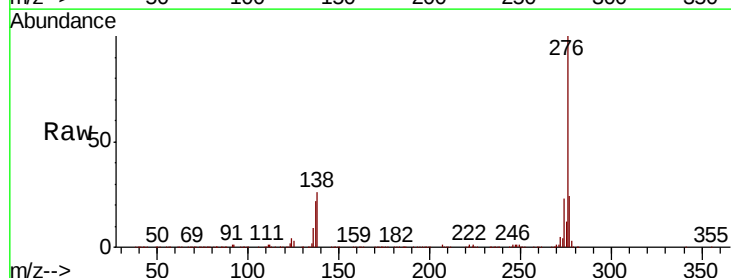
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 115.438 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BF114651.D
Acq: 30 May 2019 9:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.7	29.5
138	25.8	19.8	29.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

