

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114658.D
 Acq On : 30 May 2019 14:00
 Operator : HP/JU
 Sample : PB118819BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118819BSD

Manual Integrations
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mohammad
 6/3/2019 8:47:08 AM

Quant Time: May 31 05:51:58 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	508008	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1993551	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	980098	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1822559	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1076375	20.00	ng	0.00
87) Perylene-d12	15.20	264	1161994	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2930319	101.27	ng	0.03
7) Phenol-d6	6.34	99	3597687	103.18	ng	0.01
23) Nitrobenzene-d5	7.26	82	2582931	80.83	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	996422	106.70	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	4257372	80.81	ng	0.00
79) Terphenyl-d14	12.78	244	4329338	75.62	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.50	88	467443	33.664 ng	98
3) Pyridine	3.17	79	1309938	32.416 ng	98
4) n-Nitrosodimethylamine	3.12	42	536280	32.794 ng	96
6) Aniline	6.36	93	1183636	22.474 ng	95
8) 2-Chlorophenol	6.48	128	1197741	35.844 ng	97
9) Benzaldehyde	6.23	77	371126	13.185 ng	99
10) Phenol	6.35	94	1376850	32.688 ng	94
11) bis(2-Chloroethyl)ether	6.44	93	1119850	34.759 ng	96
12) 1,3-Dichlorobenzene	6.64	146	1289472	33.871 ng	99
13) 1,4-Dichlorobenzene	6.71	146	1299327	34.021 ng	98
14) 1,2-Dichlorobenzene	6.87	146	1175789	33.815 ng	99
15) Benzyl Alcohol	6.84	79	958530	34.949 ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1639856	33.185 ng	99
17) 2-Methylphenol	6.96	107	1028259	36.382 ng	99
18) Hexachloroethane	7.21	117	487546	33.716 ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	815959	33.903 ng	99
20) 3+4-Methylphenols	7.11	107	1125079	33.847 ng	89
22) Acetophenone	7.10	105	1592202	37.484 ng	# 98
24) Nitrobenzene	7.27	77	1242190	36.596 ng	98
25) Isophorone	7.52	82	2282612	35.595 ng	98
26) 2-Nitrophenol	7.59	139	652615	39.499 ng	99
27) 2,4-Dimethylphenol	7.64	122	1122237	40.840 ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	1437106	35.205 ng	100
29) 2,4-Dichlorophenol	7.83	162	1050001	37.541 ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	1159224	36.379 ng	100
31) Naphthalene	8.00	128	3295768	35.891 ng	99
32) Benzoic acid	7.77	122	803043	44.994 ng	97
33) 4-Chloroaniline	8.04	127	811483	18.549 ng	99
34) Hexachlorobutadiene	8.13	225	628708	35.516 ng	99
35) Caprolactam	8.42	113	338995m	35.915 ng	
36) 4-Chloro-3-methylphenol	8.53	107	1052463	37.522 ng	97
37) 2-Methylnaphthalene	8.69	142	2321477	38.050 ng	99
38) 1-Methylnaphthalene	8.79	142	2178546	37.687 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	944200	36.175 ng	99

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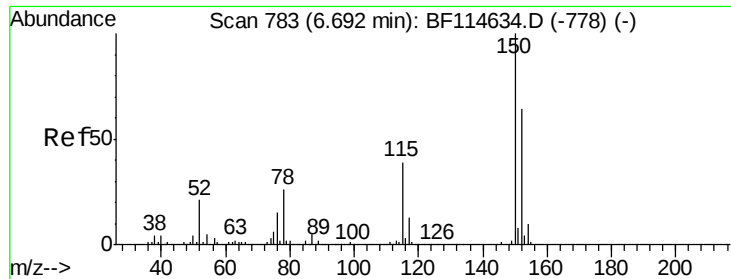
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1092460	63.339	nq	99
43) 2,4,6-Trichlorophenol	8.96	196	775575	37.765	nq	99
44) 2,4,5-Trichlorophenol	9.00	196	768378	37.493	nq	99
46) 1,1'-Biphenyl	9.15	154	2628742	36.132	nq	100
47) 2-Chloronaphthalene	9.17	162	2143978	35.925	nq	99
48) 2-Nitroaniline	9.26	65	628177	34.109	nq	99
49) Acenaphthylene	9.59	152	3185226	34.548	nq	98
50) Dimethylphthalate	9.46	163	2379999	34.849	nq	99
51) 2,6-Dinitrotoluene	9.51	165	582544	36.709	nq	98
52) Acenaphthene	9.76	154	2229706	39.434	nq	99
53) 3-Nitroaniline	9.67	138	408892	21.053	nq	98
54) 2,4-Dinitrophenol	9.78	184	540978	86.425	nq	95
55) Dibenzofuran	9.93	168	2814832	34.973	nq	98
56) 4-Nitrophenol	9.84	139	994739	69.113	nq	91
57) 2,4-Dinitrotoluene	9.91	165	759670	37.300	nq	93
58) Fluorene	10.27	166	1939511	33.955	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	636745	37.959	nq	99
60) Diethylphthalate	10.16	149	2378644	34.101	nq	98
61) 4-Chlorophenyl-phenylether	10.26	204	974881	33.829	nq	100
62) 4-Nitroaniline	10.29	138	593135	31.340	nq	99
63) Azobenzene	10.42	77	2206315	34.452	nq	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	321222	39.748	nq	84
66) n-Nitrosodiphenylamine	10.38	169	1966027	36.511	nq	99
67) 4-Bromophenyl-phenylether	10.75	248	686758	35.138	nq	98
68) Hexachlorobenzene	10.82	284	736849	34.808	nq	100
69) Atrazine	10.91	200	606883	33.840	nq	99
70) Pentachlorophenol	11.00	266	853281	69.925	nq	97
71) Phenanthrene	11.22	178	3066879	32.987	nq	99
72) Anthracene	11.27	178	3094372	32.885	nq	98
73) Carbazole	11.42	167	2817339	34.068	nq	99
74) Di-n-butylphthalate	11.77	149	3321188	30.519	nq	99
75) Fluoranthene	12.40	202	3117261	32.380	nq	99
77) Benzidine	12.52	184	1139236	25.703	nq	100
78) Pyrene	12.63	202	3129947	34.375	nq	98
80) Butylbenzylphthalate	13.26	149	1528715	33.407	nq	100
81) Benzo(a)anthracene	13.81	228	2812818	34.006	nq	99
82) 3,3'-Dichlorobenzidine	13.77	252	918407	28.751	nq	98
83) Chrysene	13.84	228	2724696	34.478	nq	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1862784	32.927	nq	99
85) Di-n-octyl phthalate	14.43	149	3316622	33.742	nq	98
86) Indeno(1,2,3-cd)pyrene	16.53	276	2701328	34.129	nq	100
88) Benzo(b)fluoranthene	14.82	252	3031699	41.424	nq	99
89) Benzo(k)fluoranthene	14.84	252	2446917	38.466	nq	99
90) Benzo(a)pyrene	15.15	252	2641759	41.089	nq	98
91) Dibenzo(a,h)anthracene	16.54	278	2254562	39.683	nq	99
92) Benzo(g,h,i)perylene	16.92	276	2222662	40.308	nq	99

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



#1

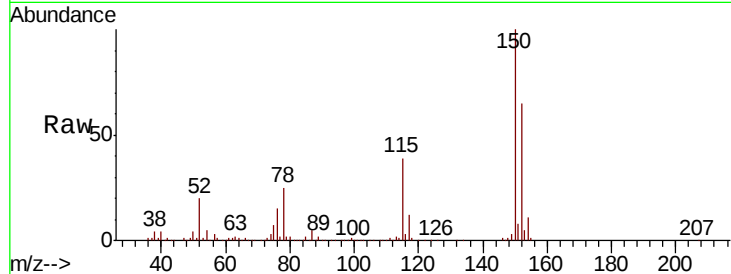
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.4	186.6
115	60.9	48.7	73.1

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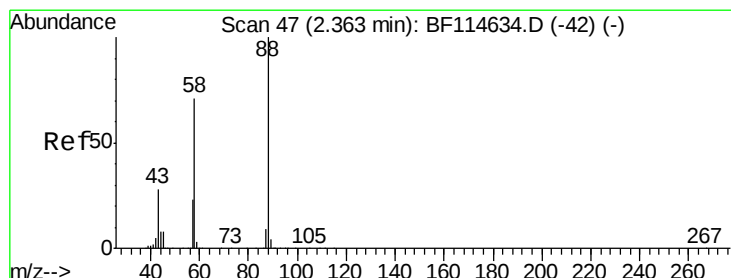
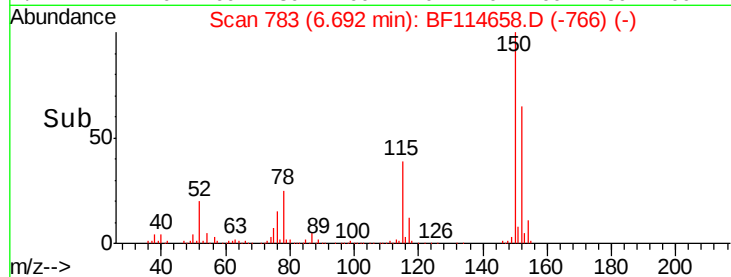
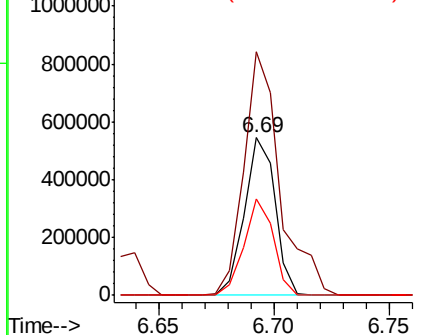


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

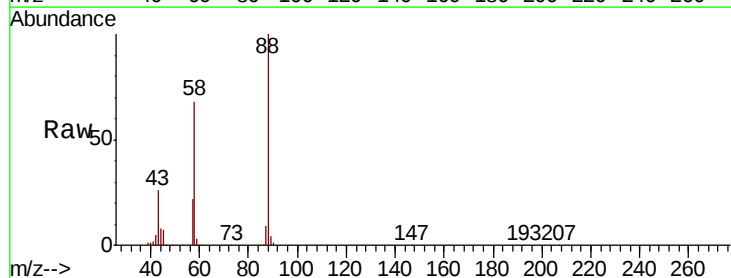
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.664 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.14 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	57.2	85.8
43	27.2	22.6	33.8

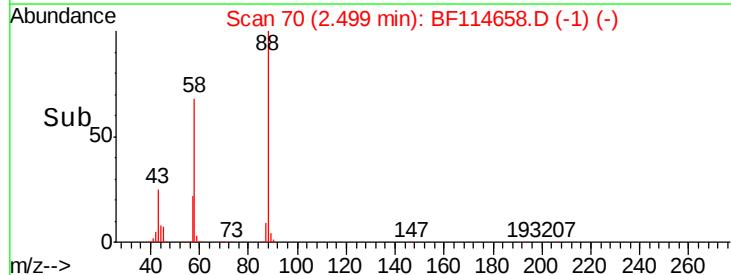
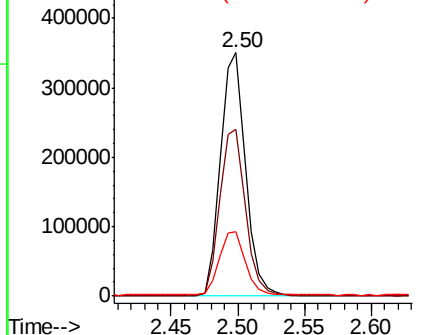


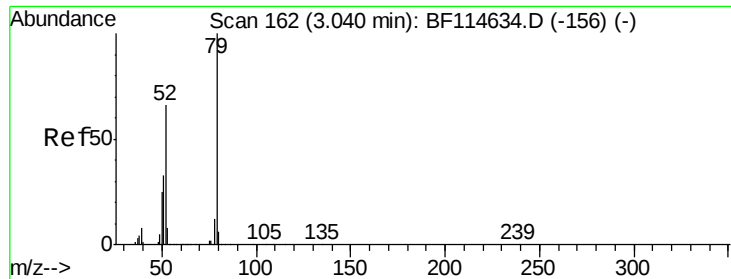
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.416 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.13 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

PB118819BSD

Tot Ion: 79 Resp: 1309938

Ion Ratio Lower Upper

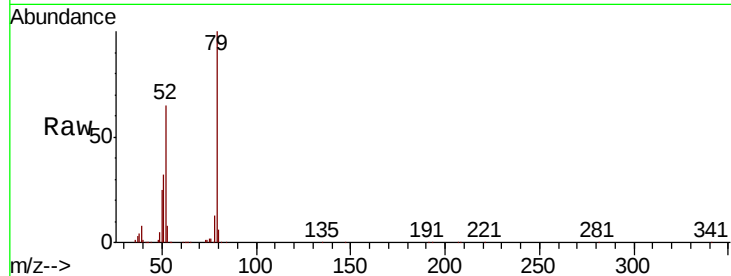
79 100

52 64.8 52.8 79.2

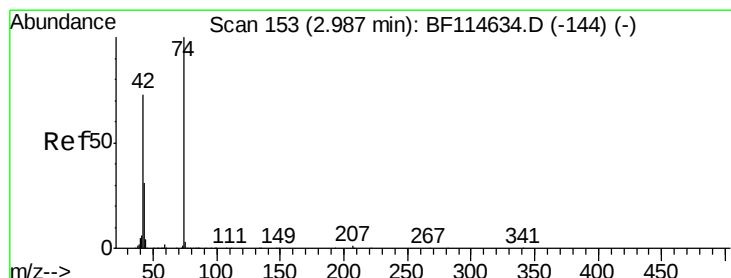
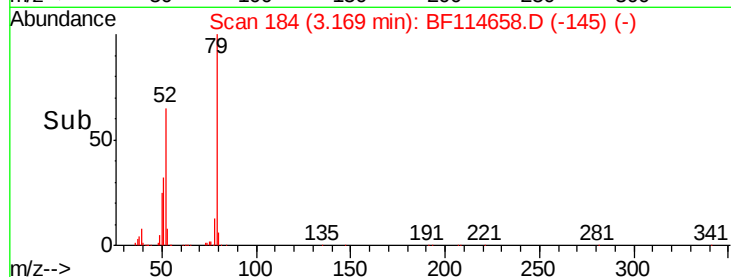
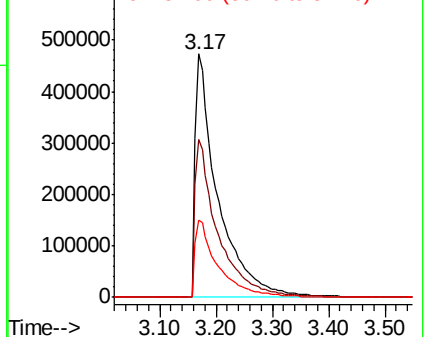
51 31.9 26.3 39.5

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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: 32.794 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.13 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

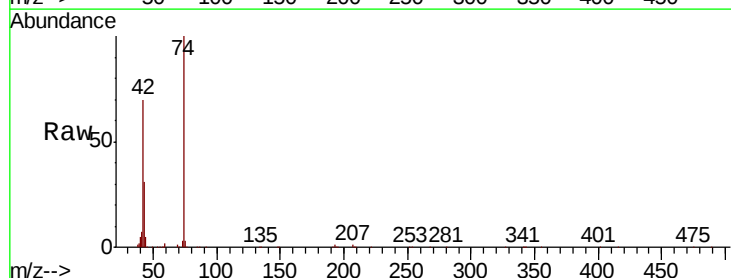
Tgt Ion: 42 Resp: 536280

Ion Ratio Lower Upper

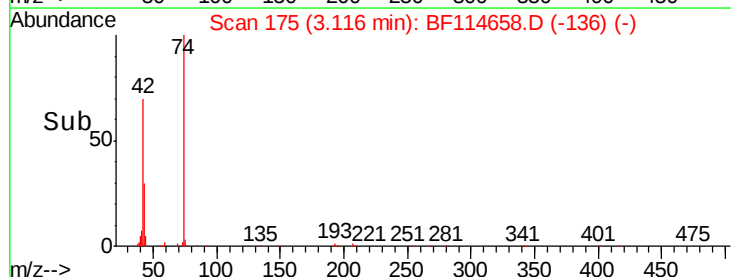
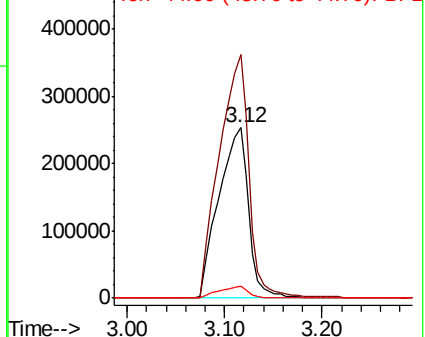
42 100

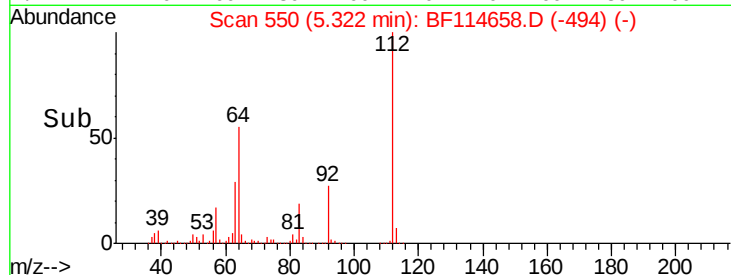
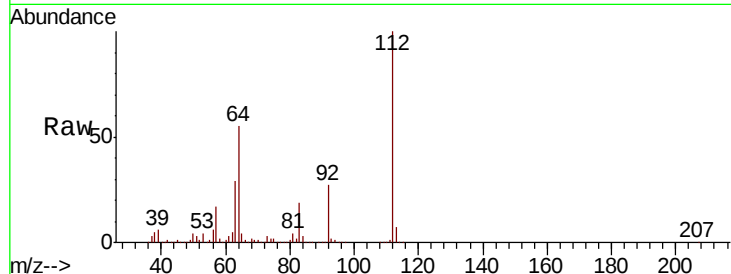
74 143.0 110.0 165.0

44 6.7 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: 101.274 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.03 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tot Ion:	112	Resp:	2930319
Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.1	69.1
63	28.8	23.4	35.2

Instrument :

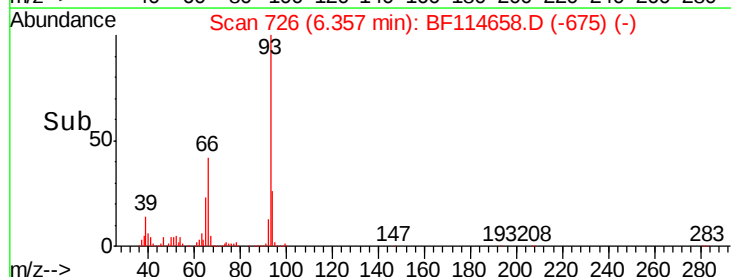
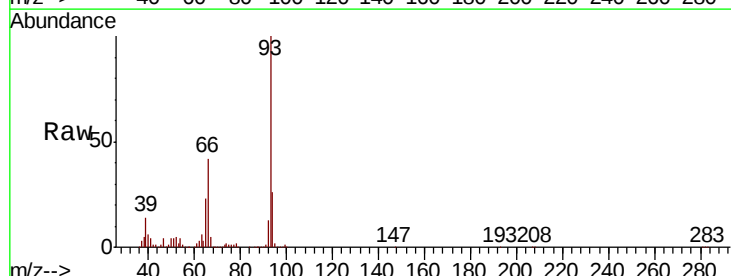
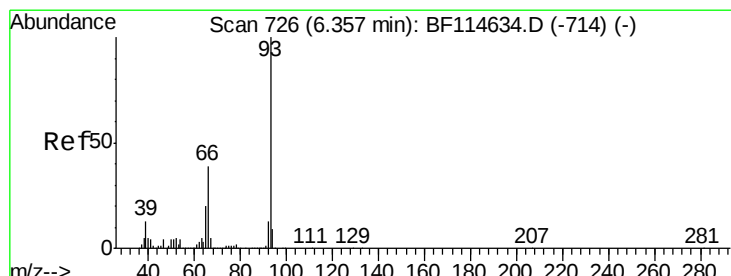
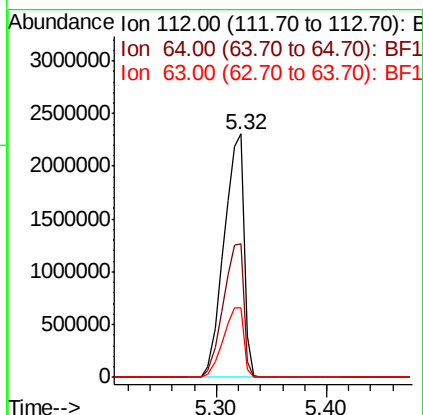
BNA_F

ClientSampleId :

PB118819BSD

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#6

Aniline

Concen: 22.474 ng

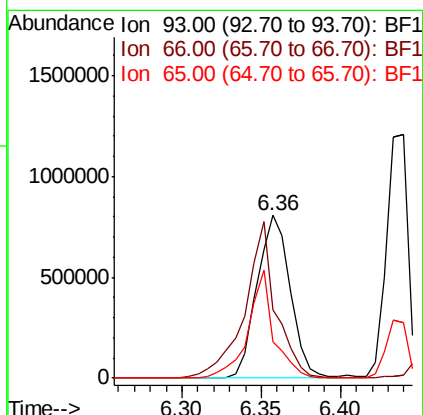
RT: 6.36 min Scan# 726

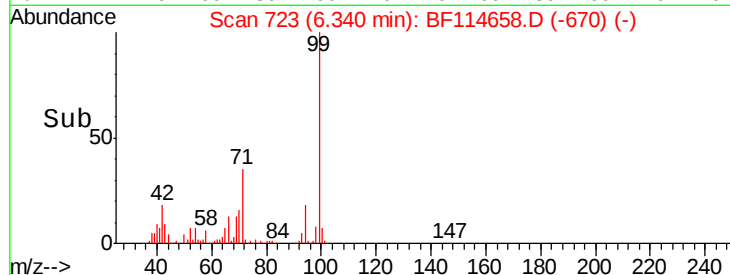
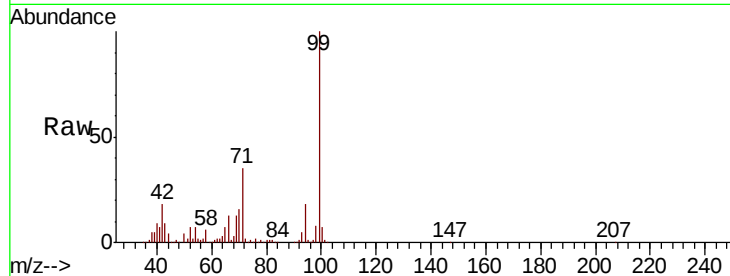
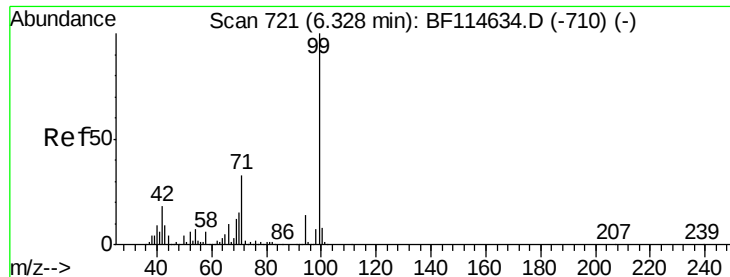
Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tgt Ion:	93	Resp:	1183636
Ion	Ratio	Lower	Upper
93	100		
66	42.2	31.4	47.2
65	22.6	16.2	24.2





#7

Phenol-d6

Concen: 103.182 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tot Ion:	99	Resp:	3597687
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.7	22.1
71	35.2	26.6	40.0

Instrument :

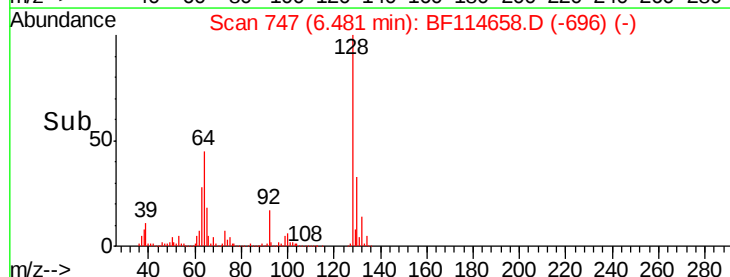
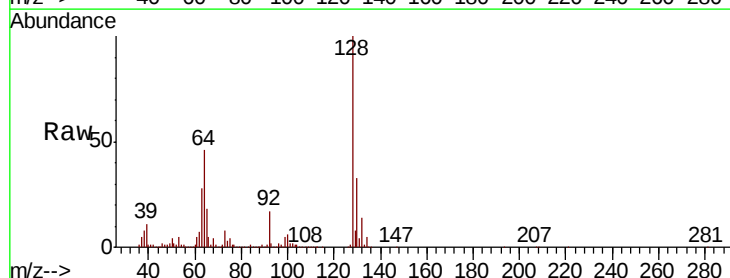
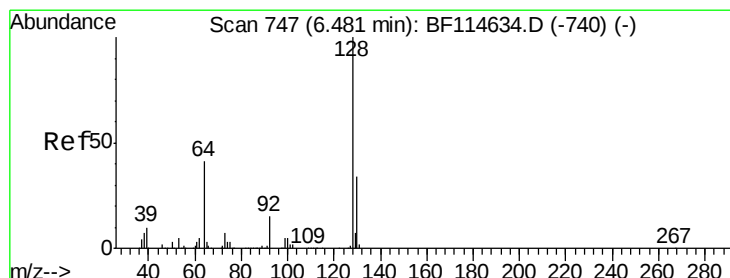
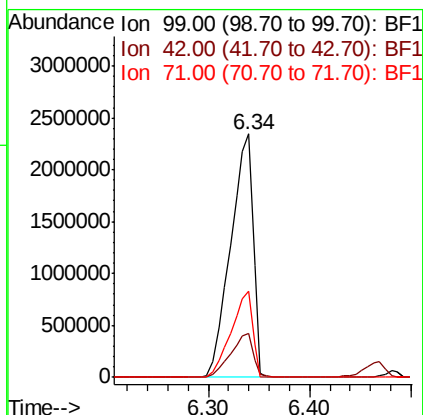
BNA_F

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#8

2-Chlorophenol

Concen: 35.844 ng

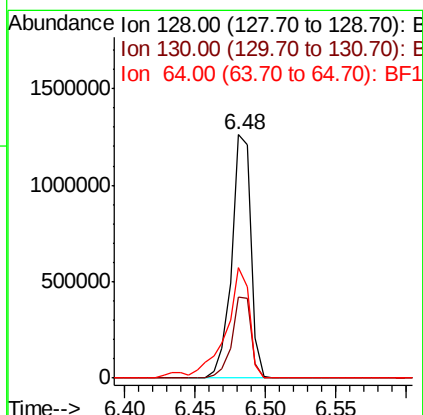
RT: 6.48 min Scan# 747

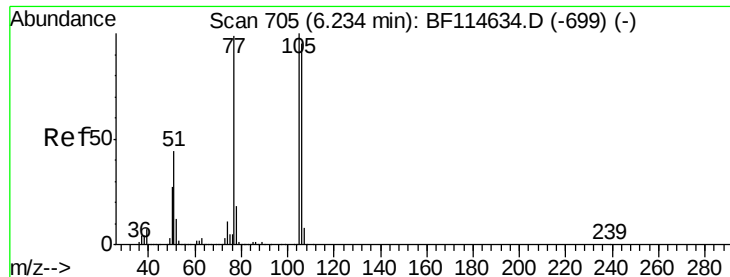
Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tgt Ion:	128	Resp:	1197741
Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.9	53.9
64	45.5	22.0	62.0





#9

Benzaldehyde

Concen: 13.185 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

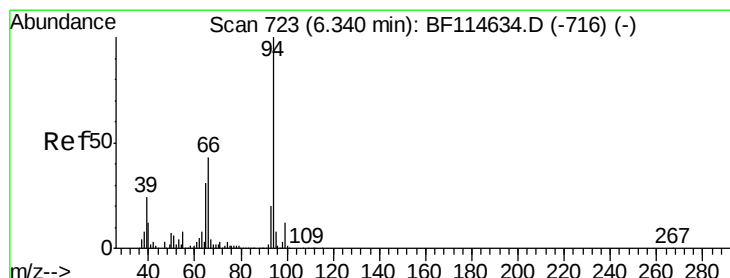
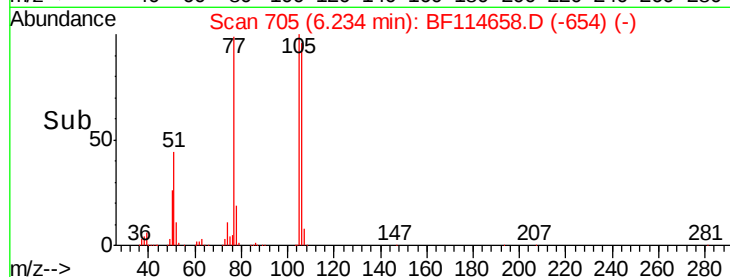
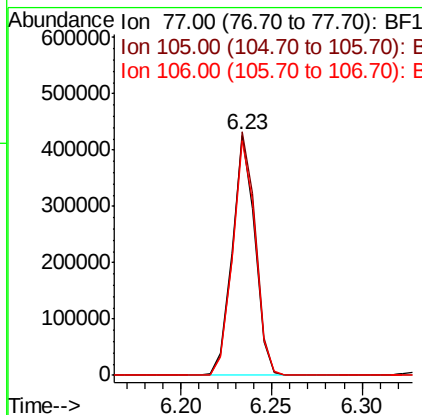
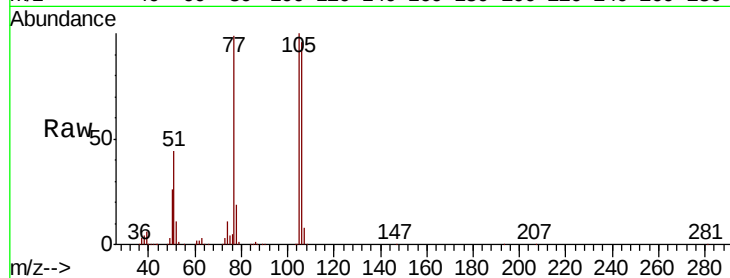
ClientSampleId :

PB118819BSD

Tot Ion:	77	Resp:	371126
Ion	Ratio	Lower	Upper
77	100		
105	101.3	80.8	120.8
106	97.7	76.2	116.2

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#10

Phenol

Concen: 32.688 ng

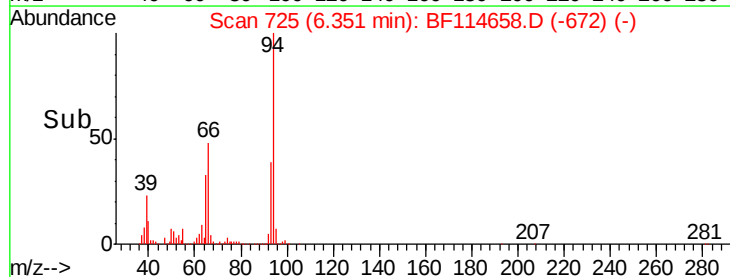
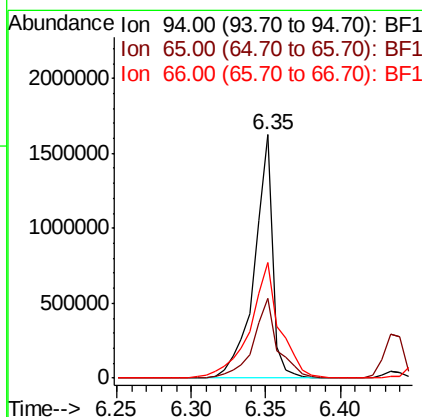
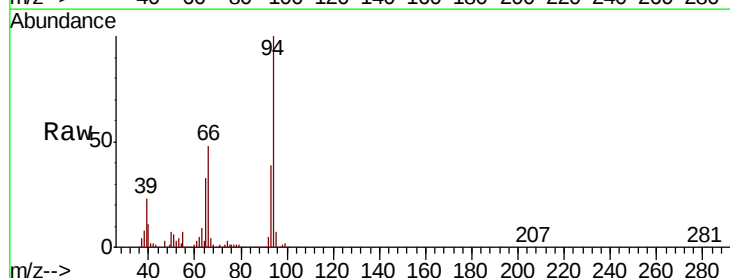
RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tgt Ion:	94	Resp:	1376850
Ion	Ratio	Lower	Upper
94	100		
65	32.8	11.0	51.0
66	47.6	23.0	63.0





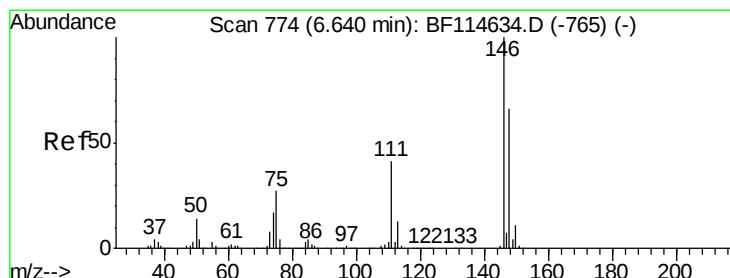
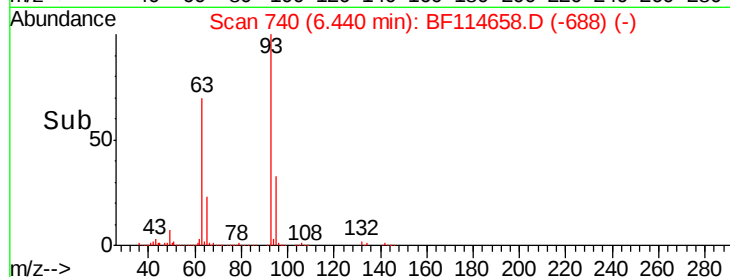
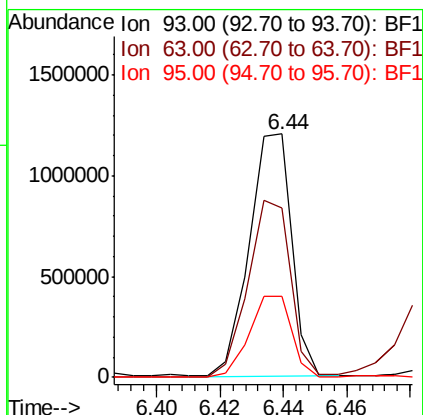
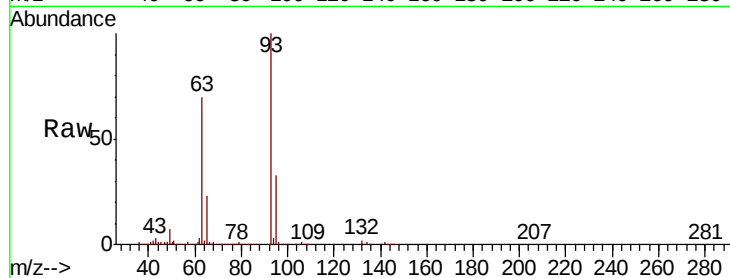
#11
bis(2-Chloroethyl)ether
Concen: 34.759 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion: 93 Resp: 1119850
Ion Ratio Lower Upper
93 100
63 69.7 55.0 95.0
95 33.2 13.5 53.5

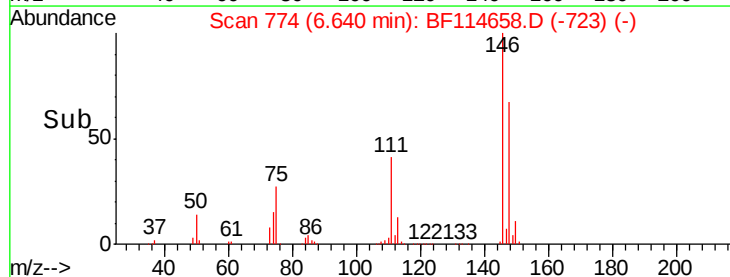
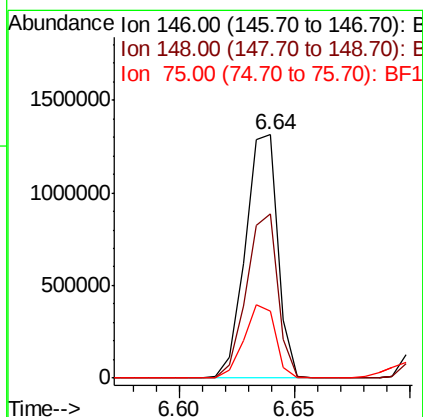
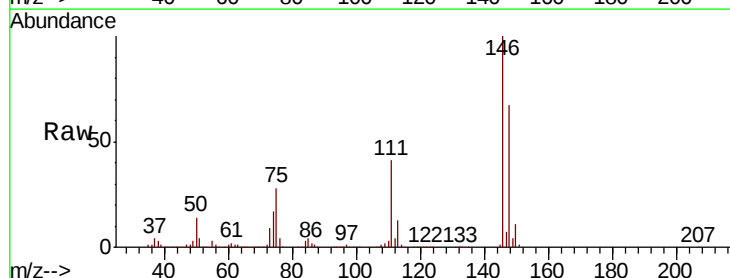
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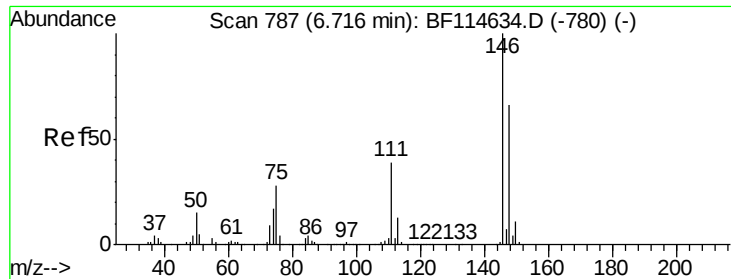
mohammad
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#12
1,3-Dichlorobenzene
Concen: 33.871 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion: 146 Resp: 1289472
Ion Ratio Lower Upper
146 100
148 67.3 52.9 79.3
75 27.6 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 34.021 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

PB118819BSD

Tot Ion:146 Resp: 1299327

Ion Ratio Lower Upper

146 100

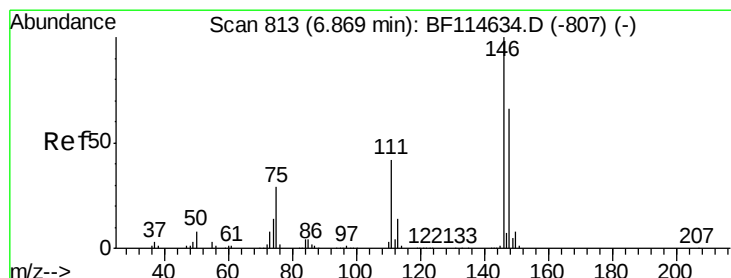
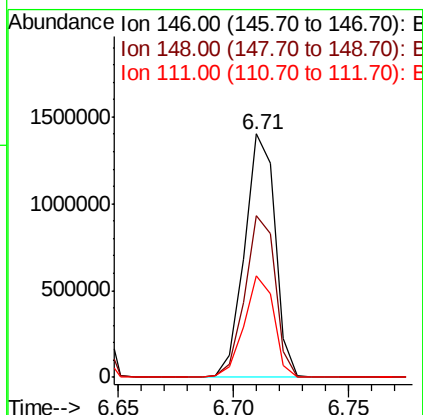
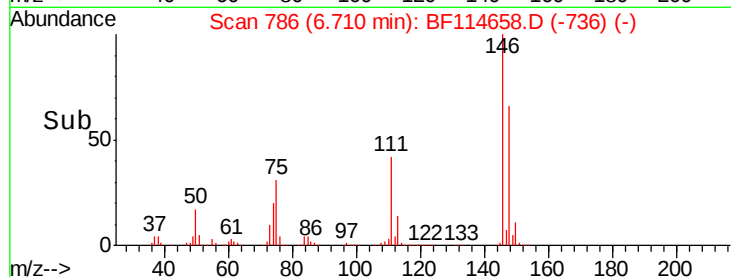
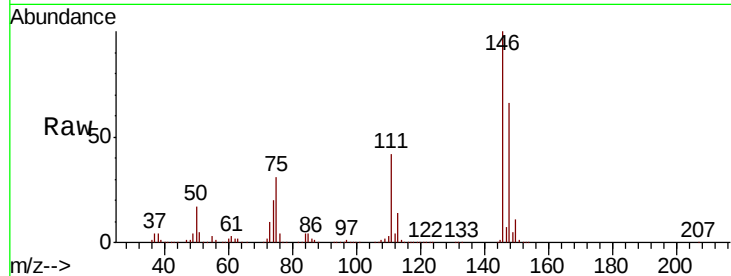
148 66.2 52.5 78.7

111 41.9 31.4 47.2

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#14

1,2-Dichlorobenzene

Concen: 33.815 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

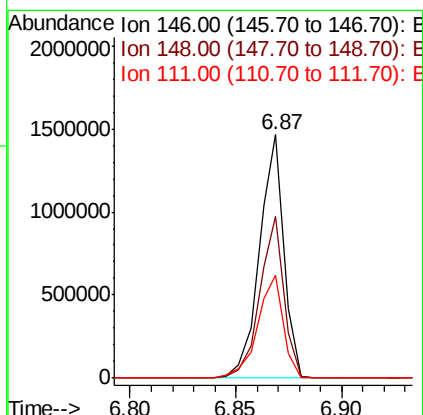
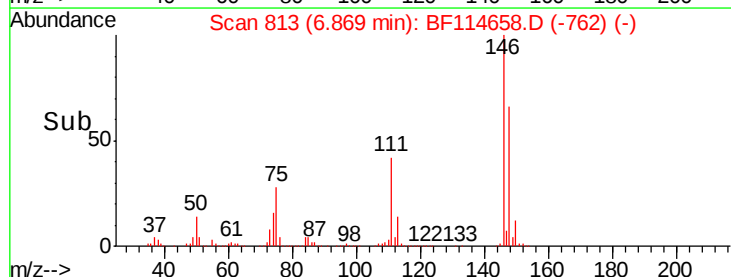
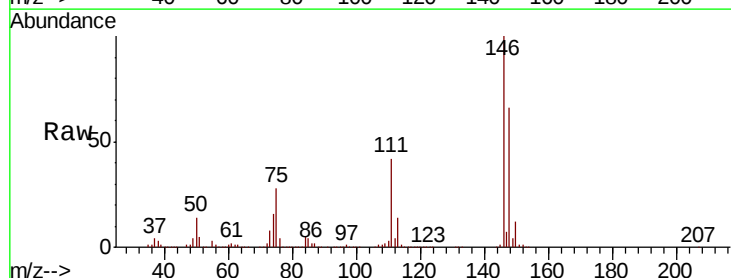
Tgt Ion:146 Resp: 1175789

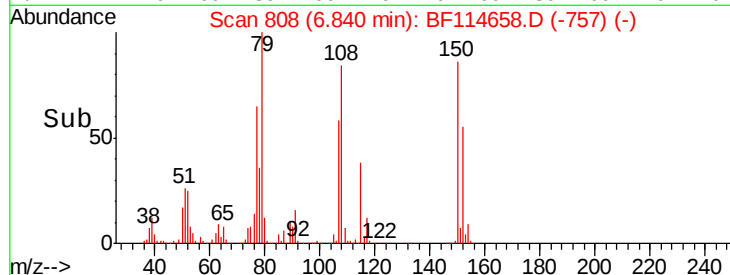
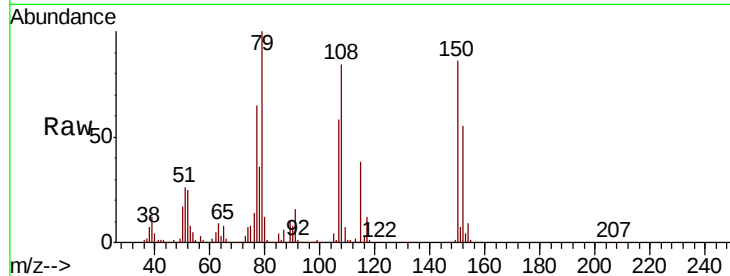
Ion Ratio Lower Upper

146 100

148 66.3 52.6 79.0

111 42.2 34.1 51.1





#15

Benzyl Alcohol

Concen: 34.949 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tot Ion:	79	Resp:	958530
Ion Ratio	Lower	Upper	
79	100		
108	84.3	67.8	101.8
77	65.3	50.7	76.1

Instrument :

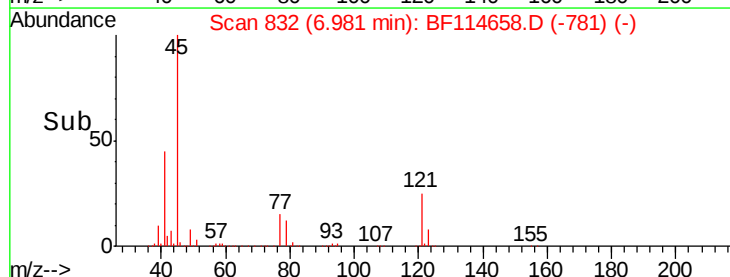
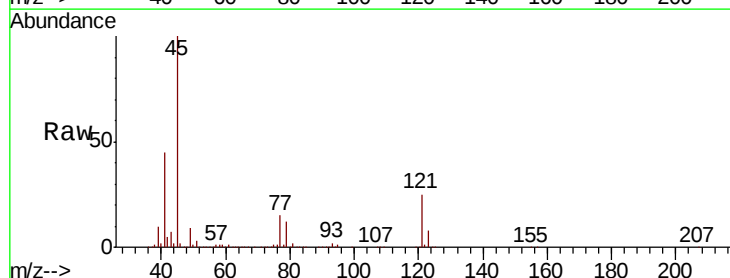
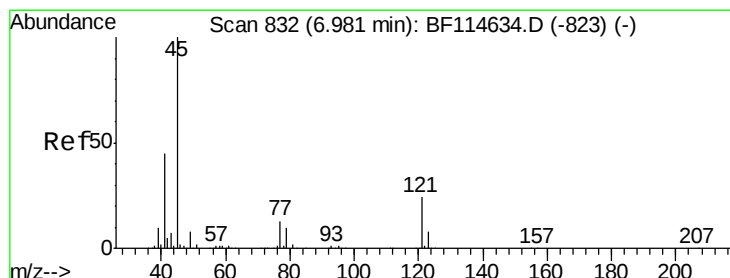
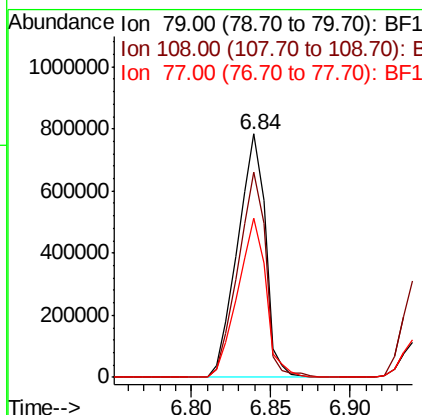
BNA_F

ClientSampleId :

PB118819BSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.185 ng

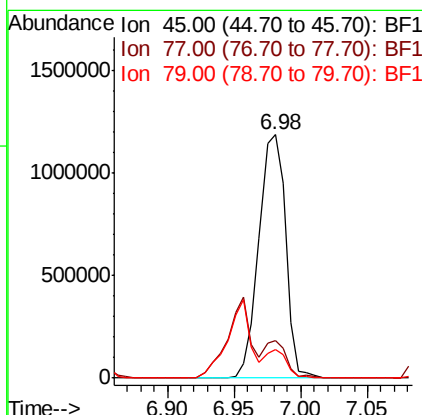
RT: 6.98 min Scan# 832

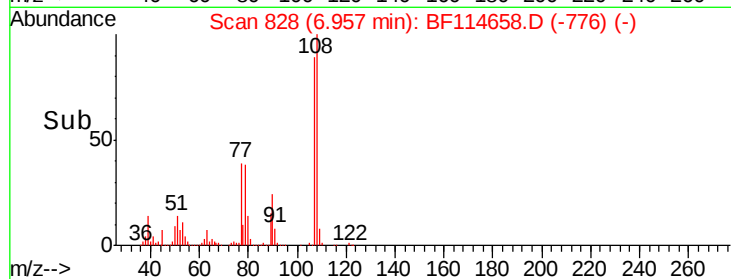
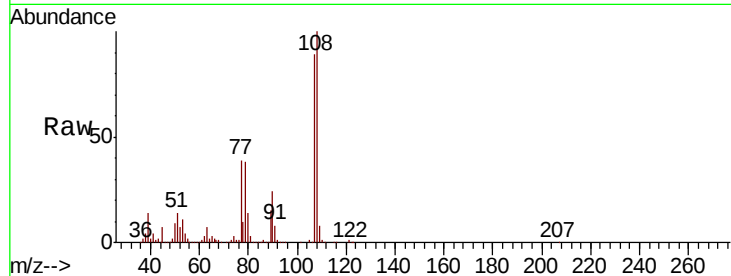
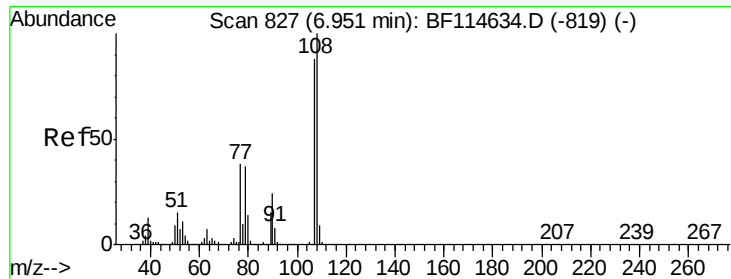
Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

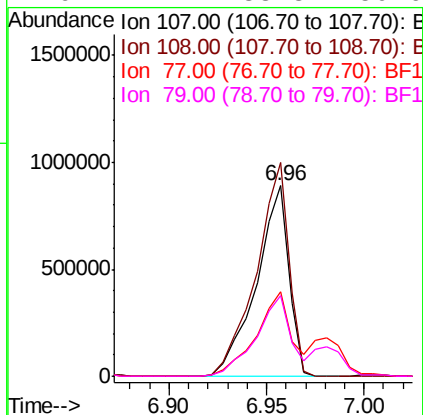
Tgt Ion:	45	Resp:	1639856
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	34.7
79	11.8	0.0	31.3





#17
2-Methylphenol
Concen: 36.382 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

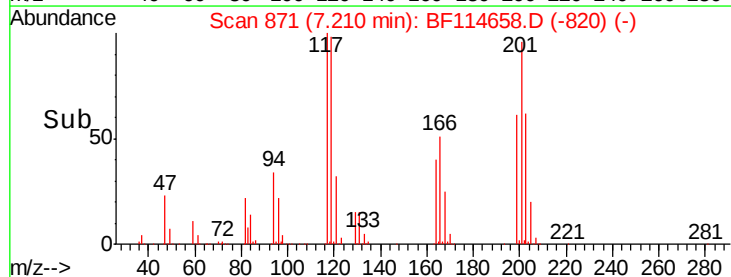
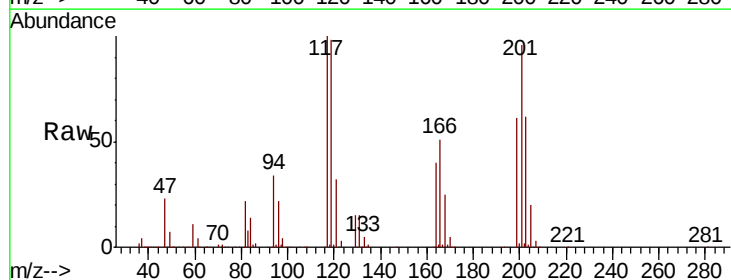
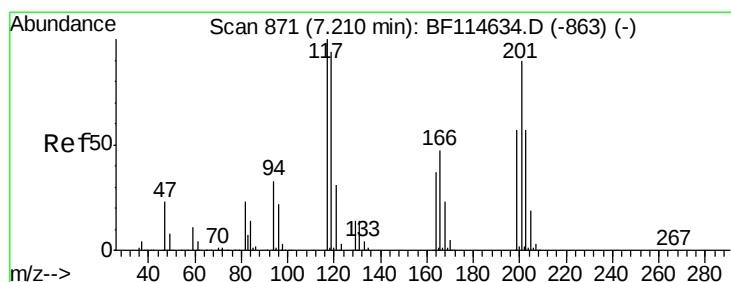
Tot Ion:	107	Resp:	1028259
Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.1	136.7
77	44.2	34.9	52.3
79	42.7	33.8	50.6



Instrument :
BNA_F
ClientSampleId :
PB118819BSD

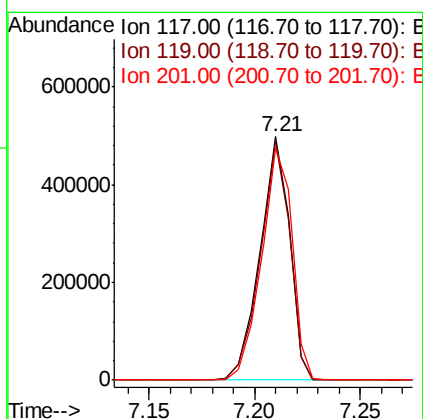
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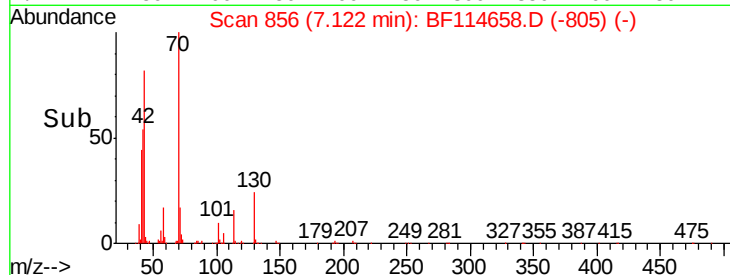
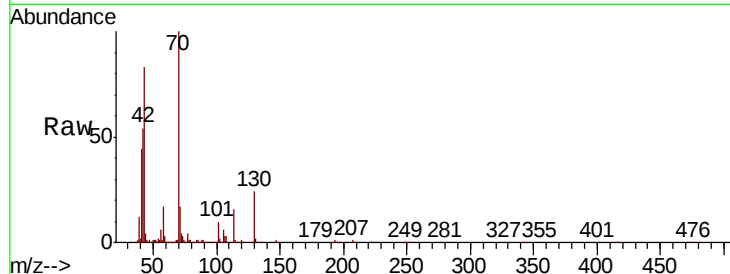
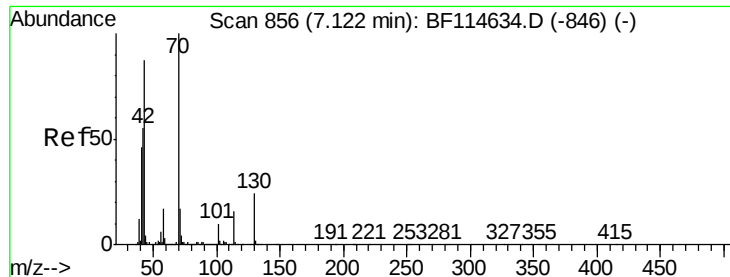
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#18
Hexachloroethane
Concen: 33.716 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion:	117	Resp:	487546
Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.6	113.4
201	95.5	71.7	107.5





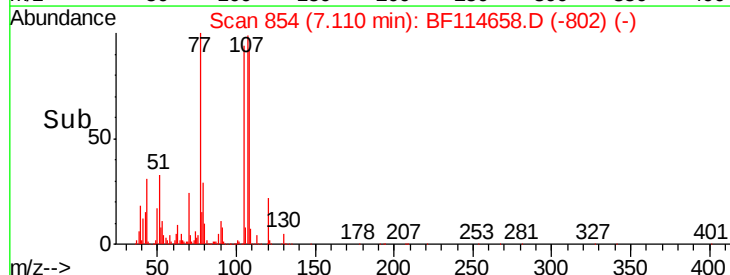
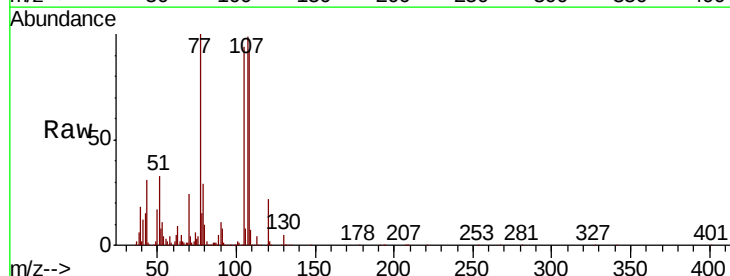
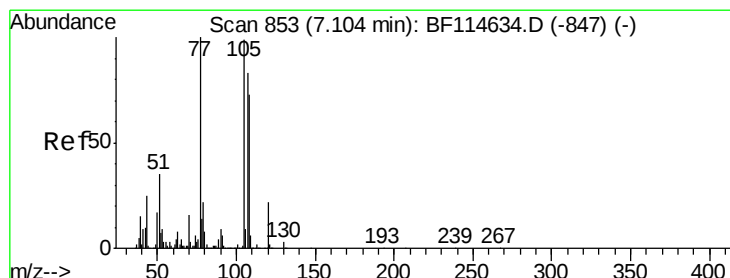
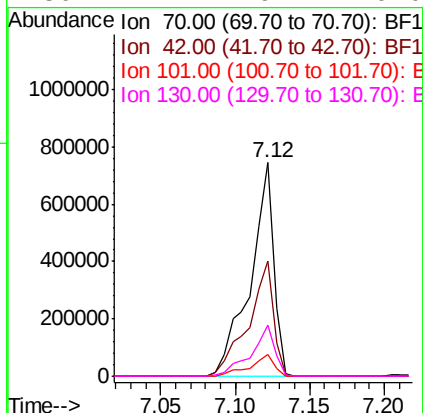
#19
n-Nitroso-di-n-propylamine
Concen: 33.903 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.0	44.4	66.6	
101	10.3	8.2	12.4	
130	24.2	19.4	29.0	

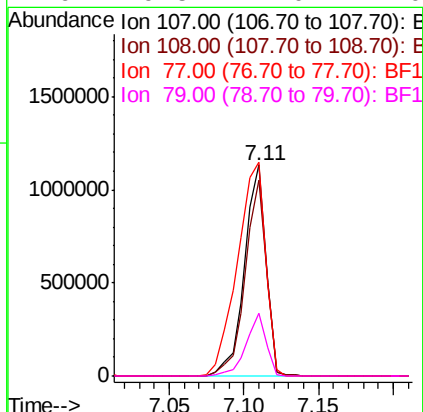
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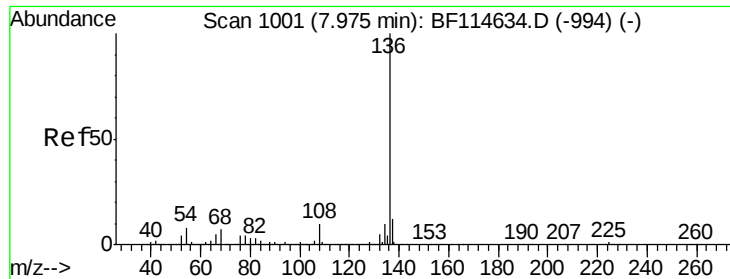
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#20
3+4-Methylphenols
Concen: 33.847 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	68.6	108.6	
77	101.3	100.5	140.5	
79	29.5	7.0	47.0	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

PB118819BSD

Tot Ion:136 Resp: 1993551

Ion Ratio Lower Upper

136 100

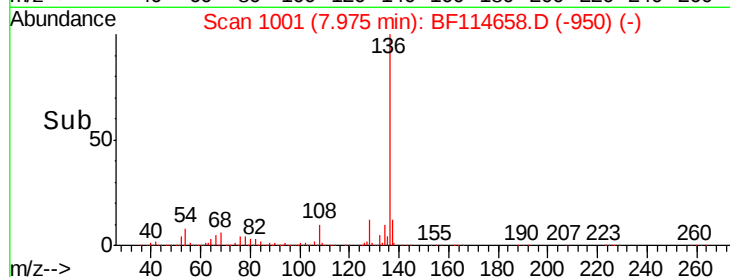
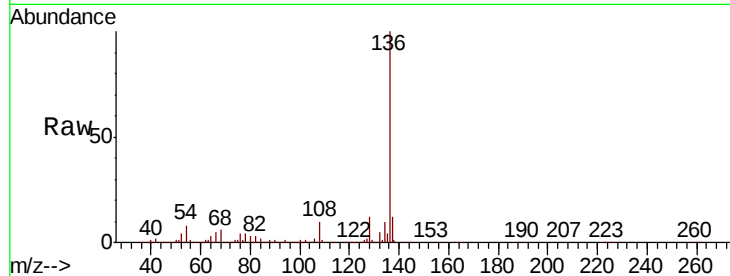
137 11.6 9.3 13.9

54 7.6 6.3 9.5

68 6.4 5.4 8.0

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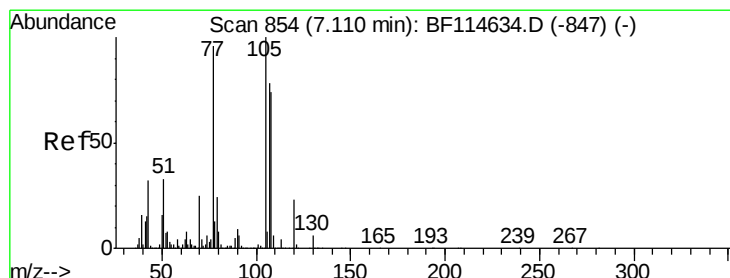
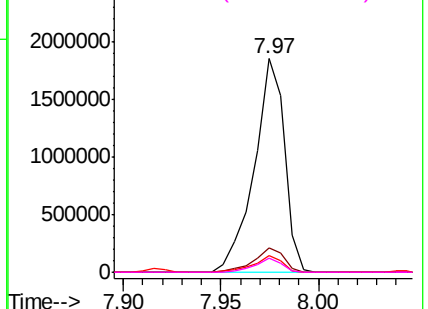


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.484 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tgt Ion:105 Resp: 1592202

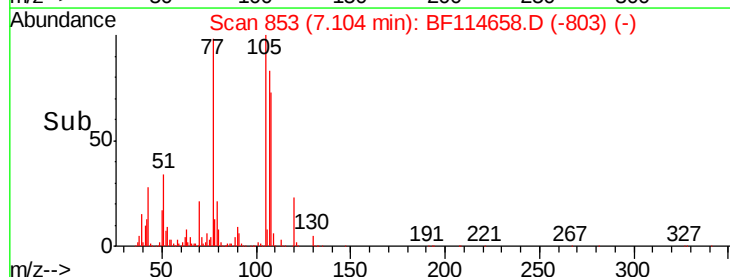
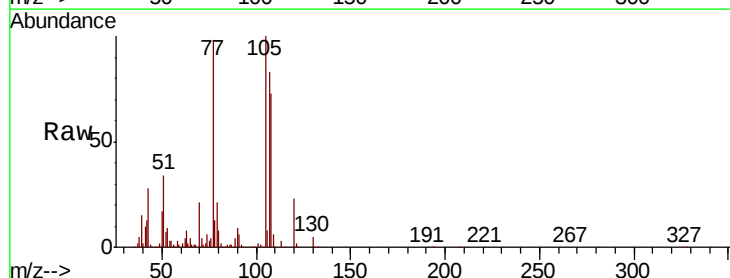
Ion Ratio Lower Upper

105 100

71 3.5 3.6 5.4#

51 34.0 26.0 39.0

120 22.7 18.8 28.2

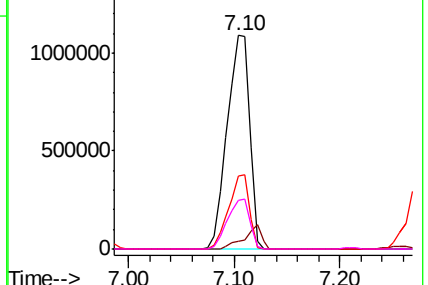


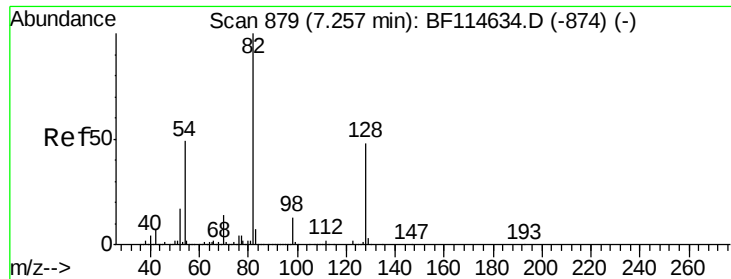
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





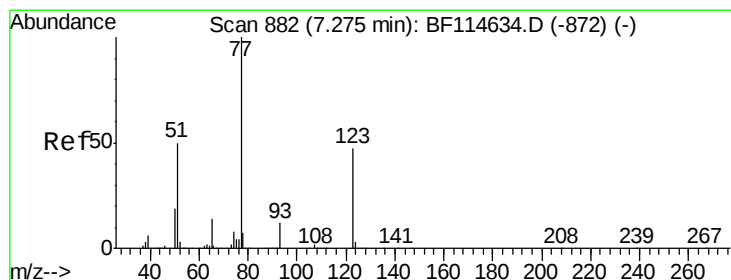
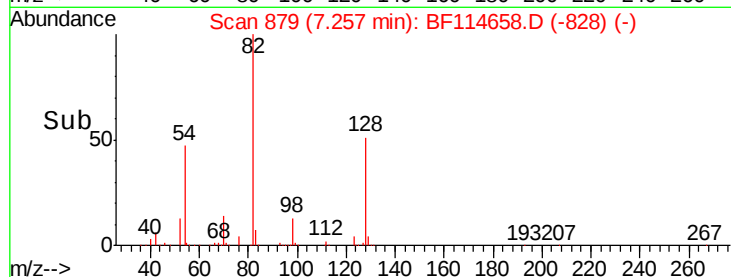
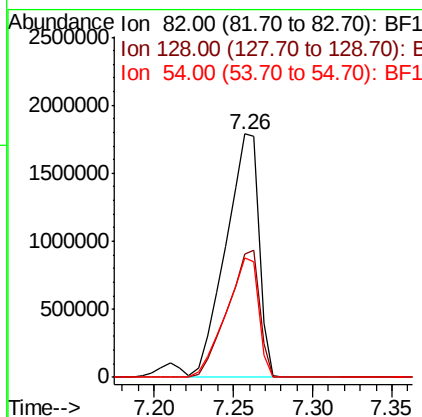
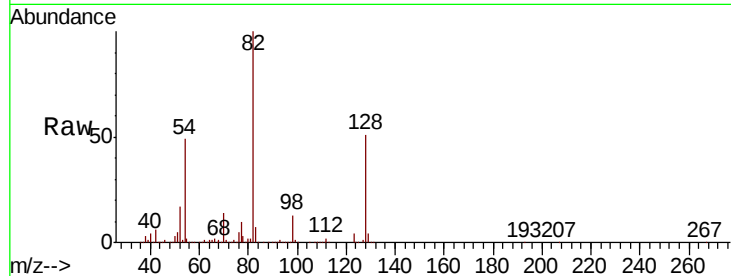
#23
 Nitrobenzene-d5
 Concen: 80.834 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Instrument :
 BNA_F
 ClientSampleId :
 PB118819BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.9	38.5	57.7
54	49.0	39.1	58.7

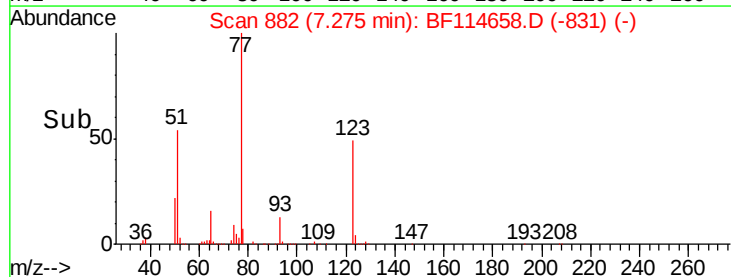
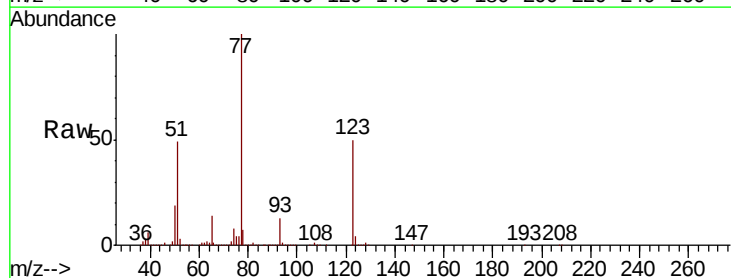
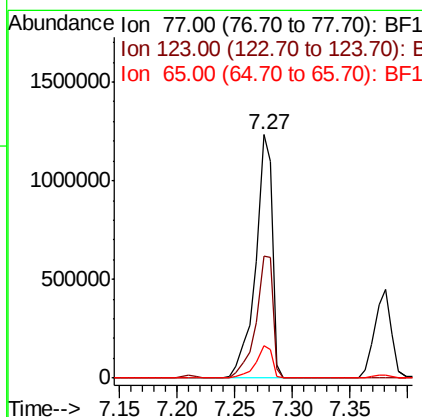
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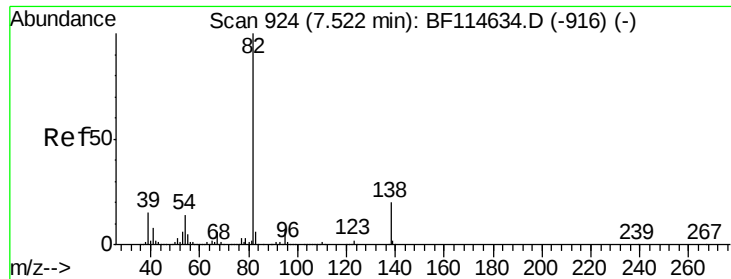
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#24
 Nitrobenzene
 Concen: 36.596 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	38.5	57.7
65	13.5	11.2	16.8





#25

Isophorone

Concen: 35.595 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

PB118819BSD

Tot Ion: 82 Resp: 2282612

Ion Ratio Lower Upper

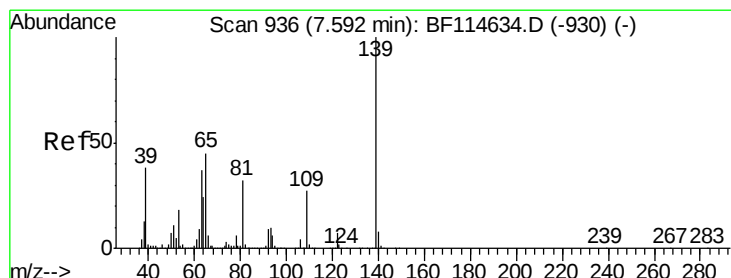
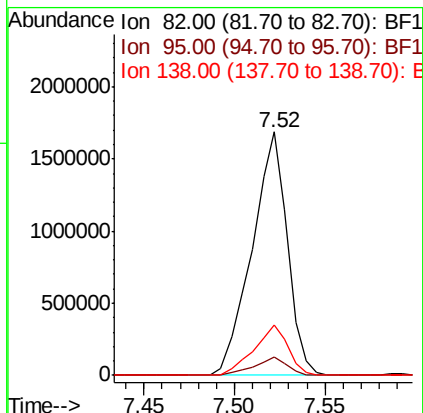
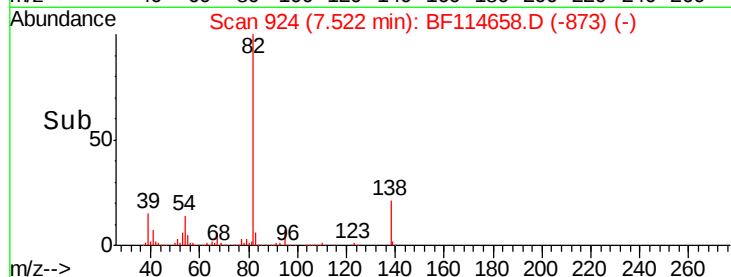
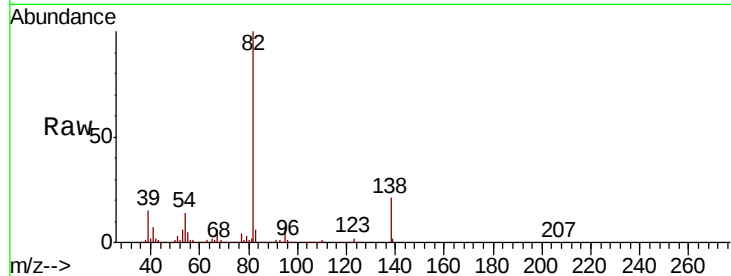
82 100

95 7.3 5.6 8.4

138 20.7 15.9 23.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.499 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

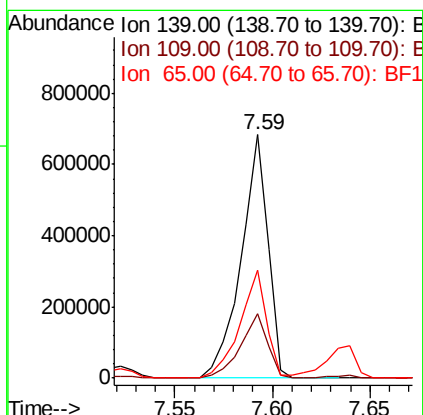
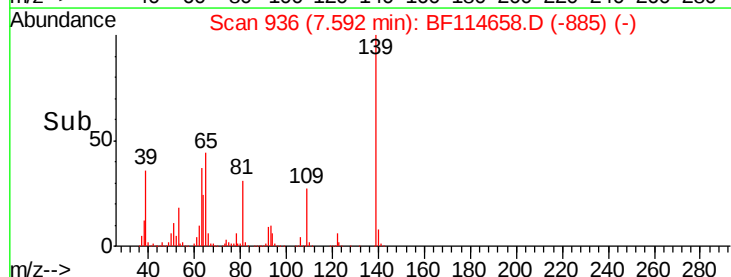
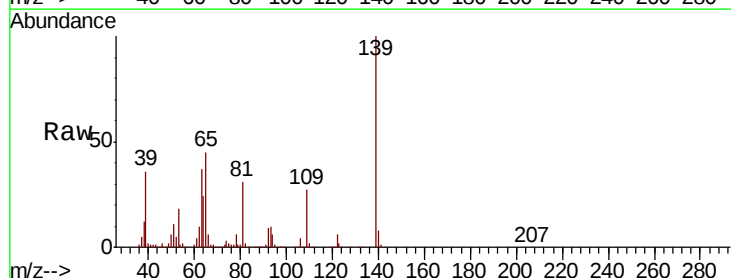
Tgt Ion: 139 Resp: 652615

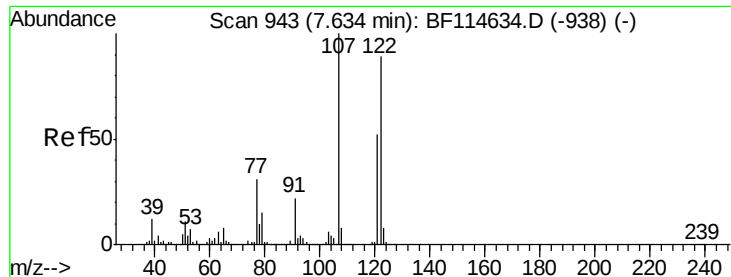
Ion Ratio Lower Upper

139 100

109 26.7 21.7 32.5

65 44.5 36.3 54.5





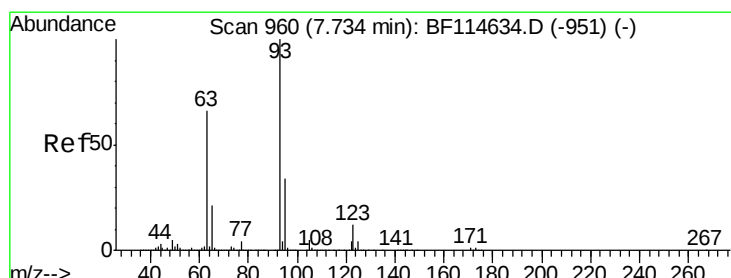
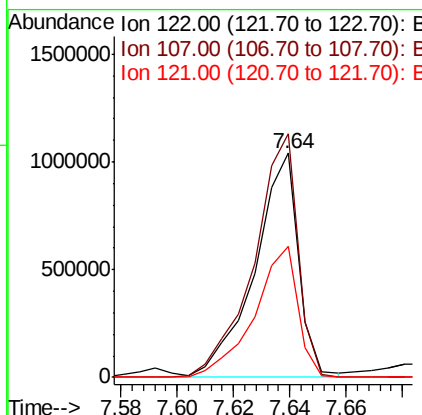
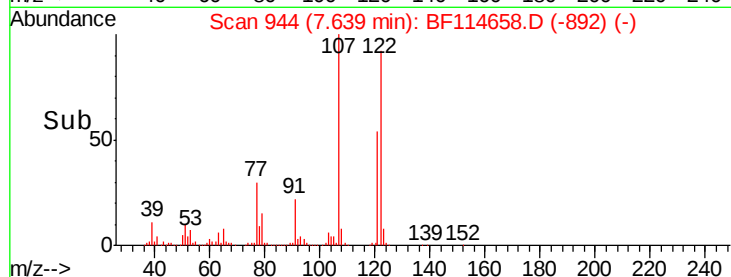
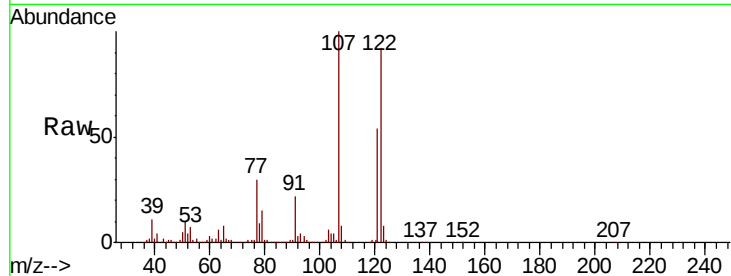
#27
2,4-Dimethylphenol
Concen: 40.840 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.6	89.3	133.9
121	58.5	46.8	70.2

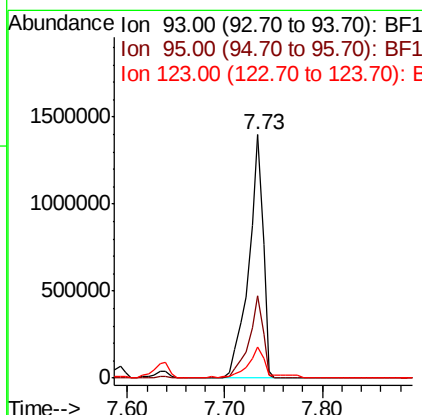
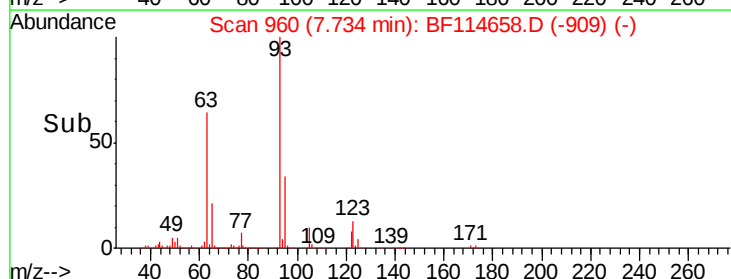
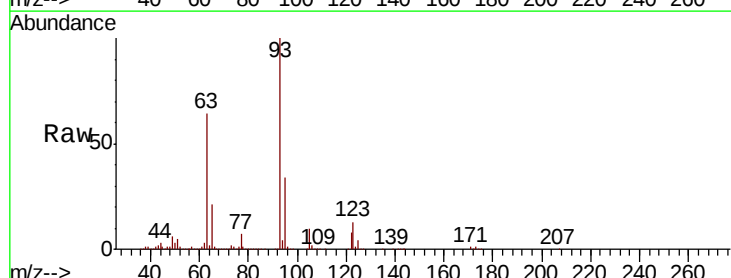
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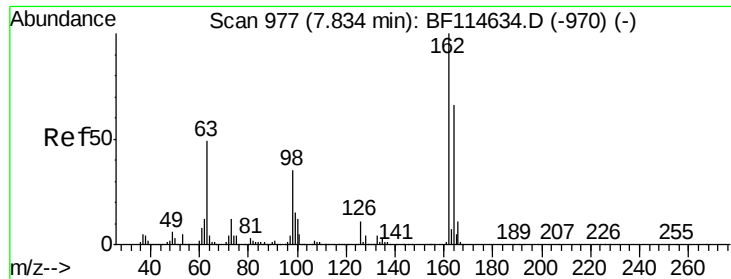
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#28
bis(2-Chloroethoxy)methane
Concen: 35.205 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.0	40.4
123	12.9	10.2	15.2





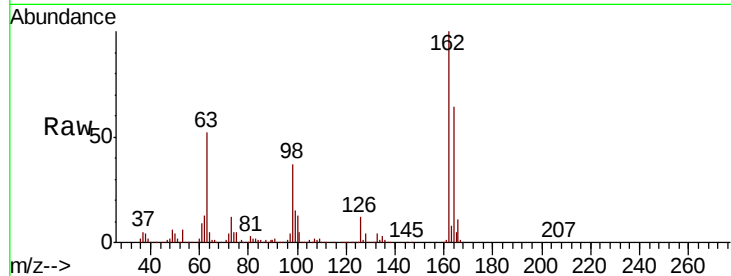
#29
2,4-Dichlorophenol
Concen: 37.541 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleID :
PB118819BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.8	85.8
98	36.6	14.9	54.9

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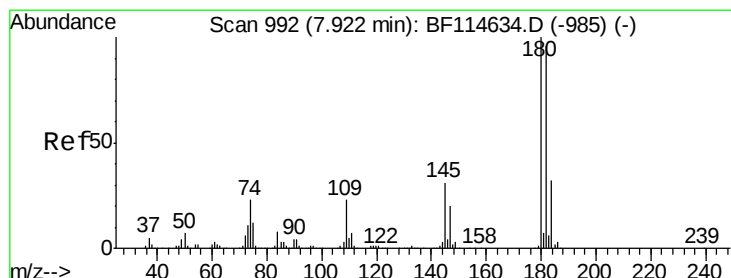
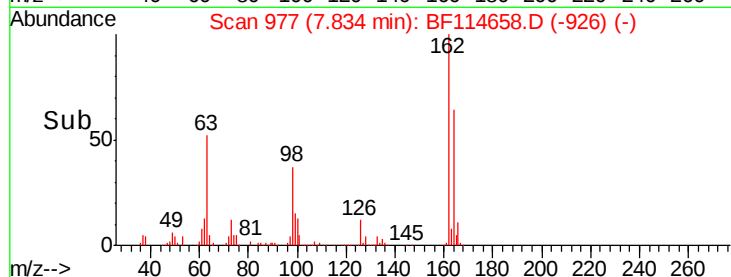
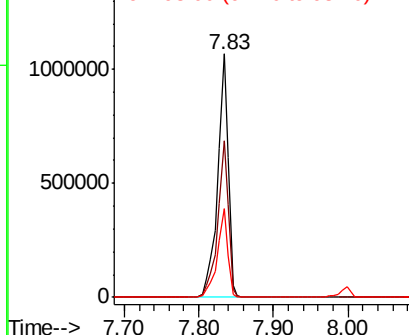


Abundance

Ion 162.00 (161.70 to 162.70): E

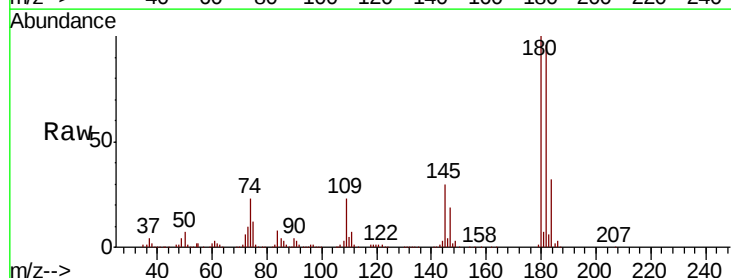
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.379 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.9	115.3
145	30.0	24.5	36.7

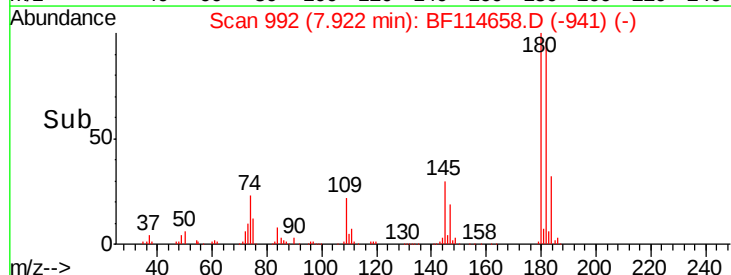
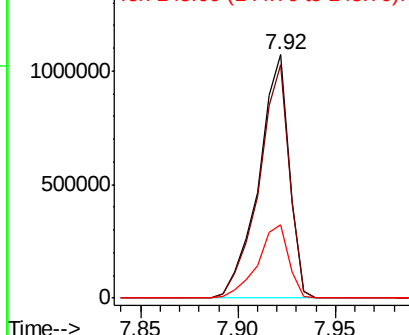


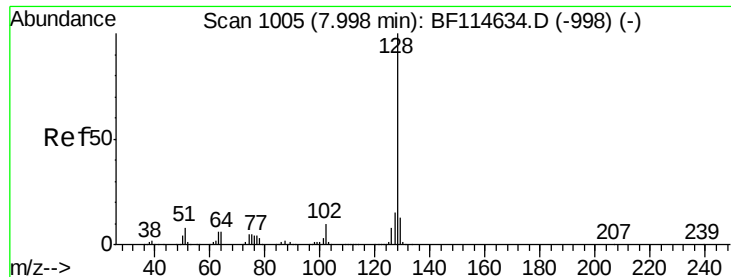
Abundance

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





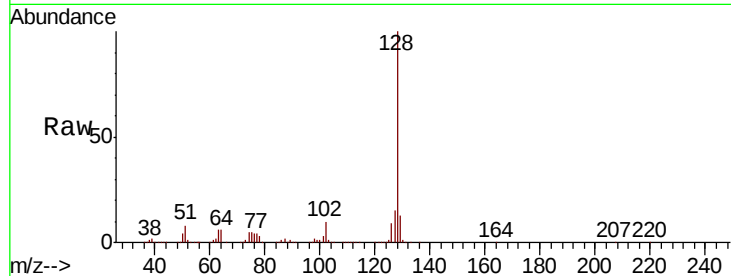
#31
Naphthalene
Concen: 35.891 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.0	10.2	15.2
127	15.4	11.9	17.9

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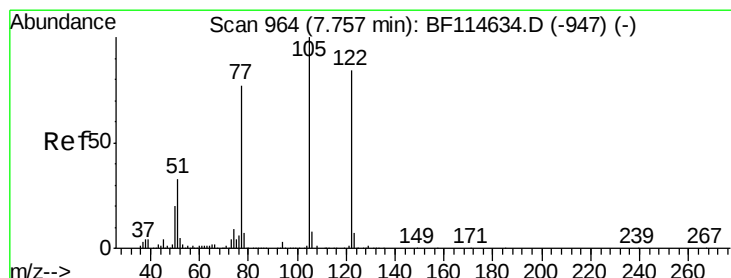
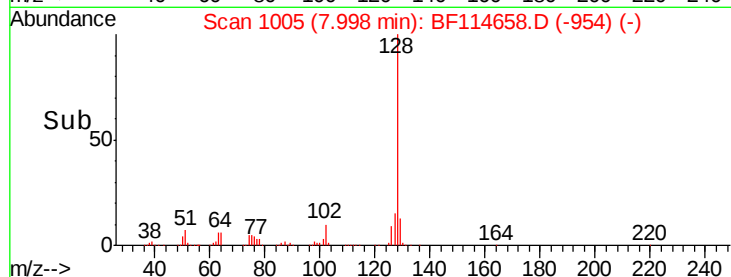
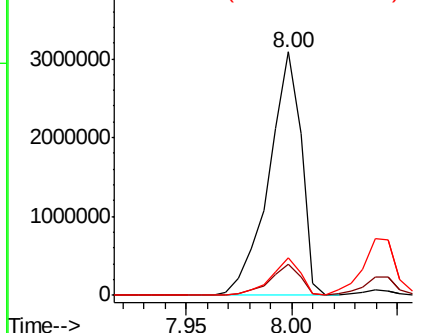


Abundance

Ion 128.00 (127.70 to 128.70): E

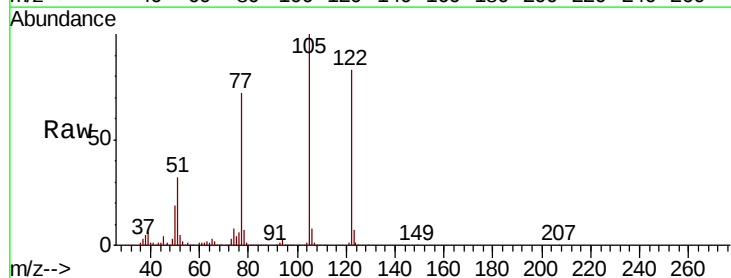
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 44.994 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.1	98.3	138.3
77	87.1	70.7	110.7

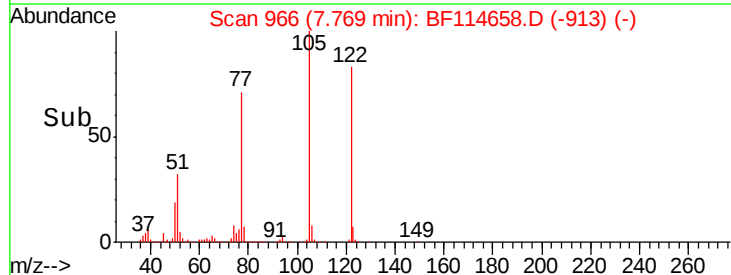
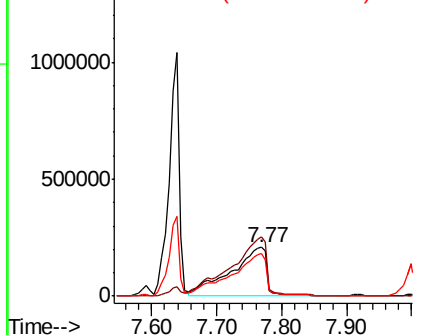


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





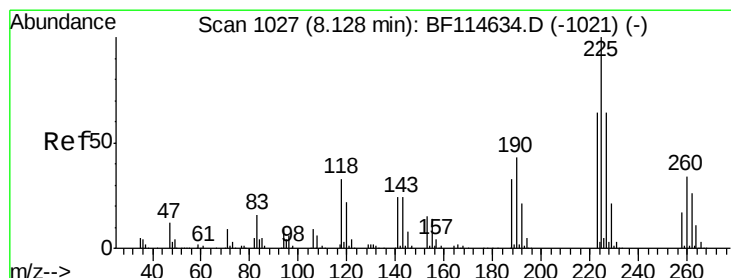
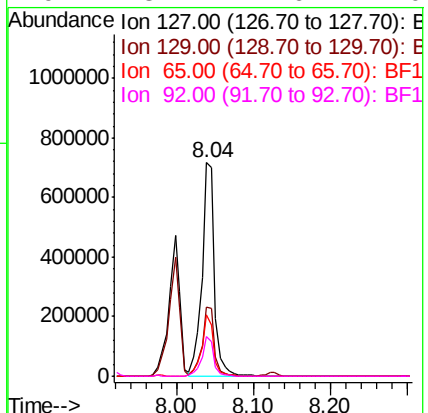
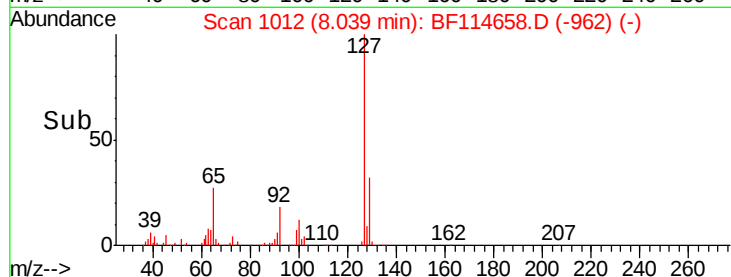
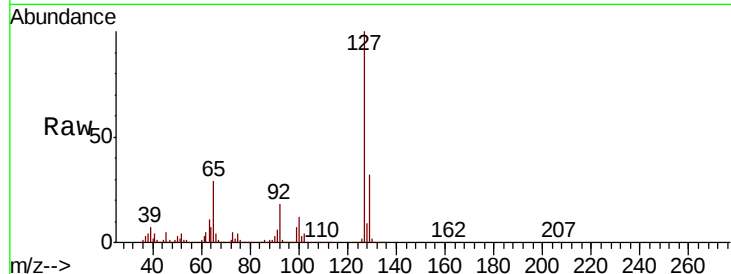
#33
4-Chloroaniline
Concen: 18.549 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.7	40.1		
65	28.9	22.5	33.7		
92	18.4	14.6	22.0		

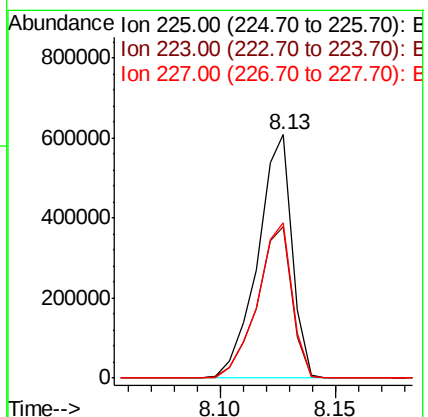
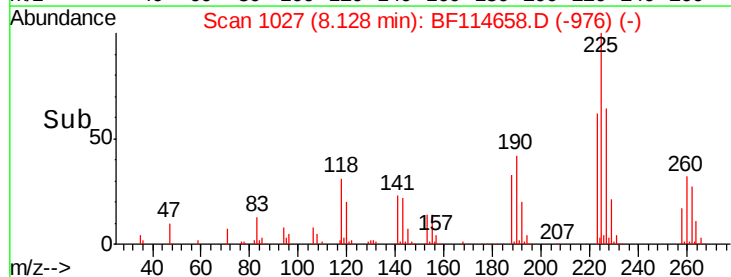
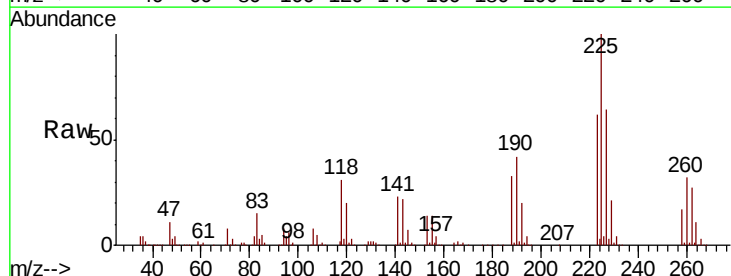
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#34
Hexachlorobutadiene
Concen: 35.516 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.9	76.3		
227	64.0	51.3	76.9		





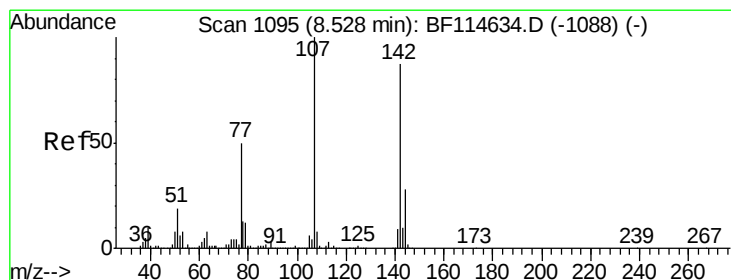
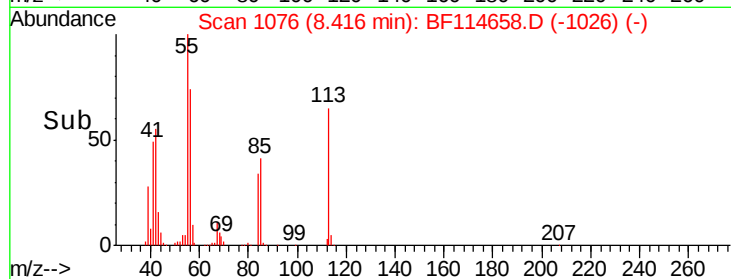
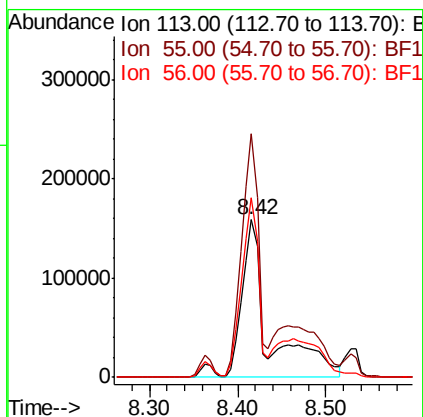
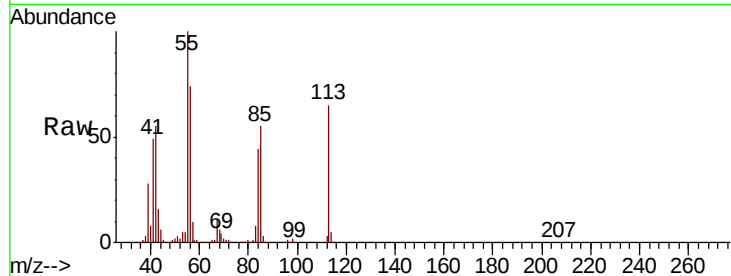
#35
 Caprolactam
 Concen: 35.915 ng/ml
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Instrument :
 BNA_F
 ClientSampleId :
 PB118819BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	154.3	136.4	176.4		
56	114.0	97.0	137.0		

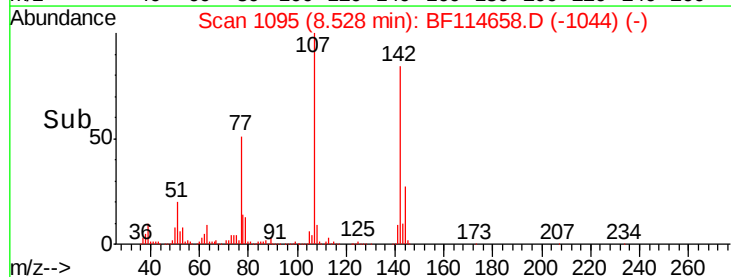
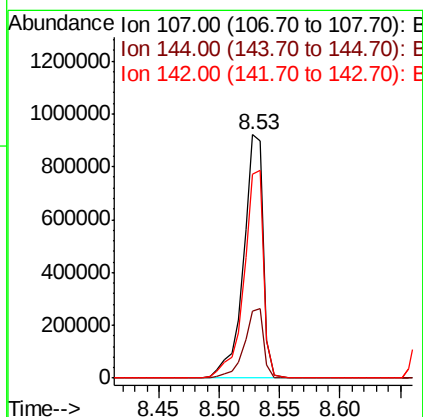
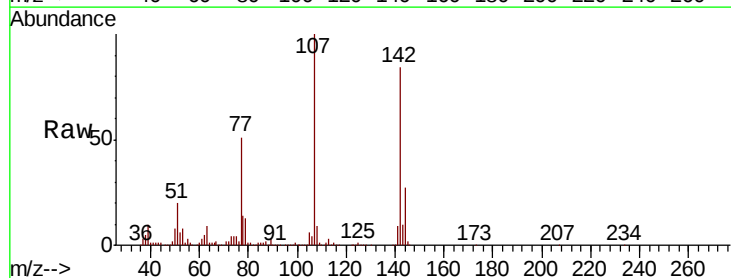
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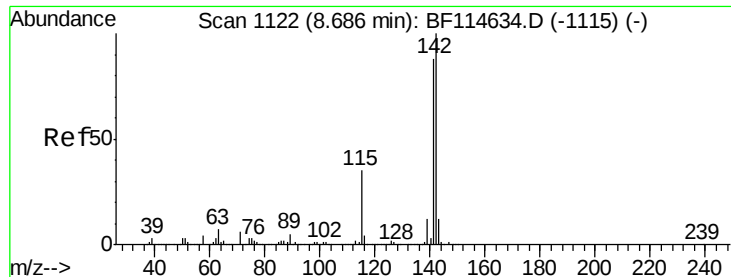
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#36
 4-Chloro-3-methylphenol
 Concen: 37.522 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.4	22.5	33.7		
142	83.7	69.8	104.6		





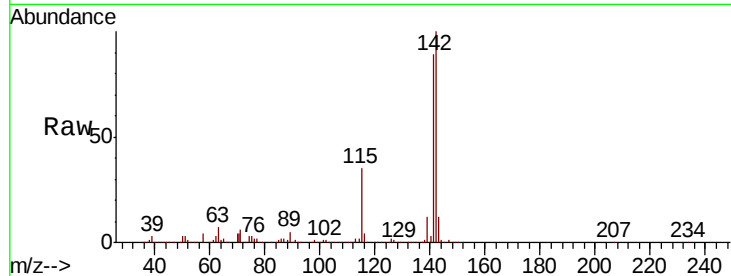
#37
2-Methylnaphthalene
Concen: 38.050 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	35.1	28.0	42.0

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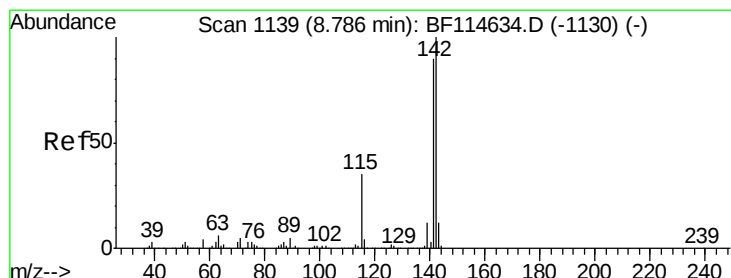
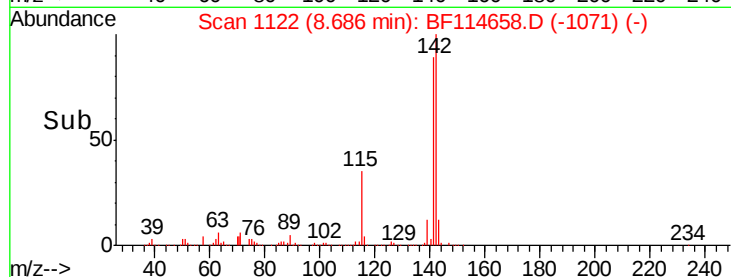
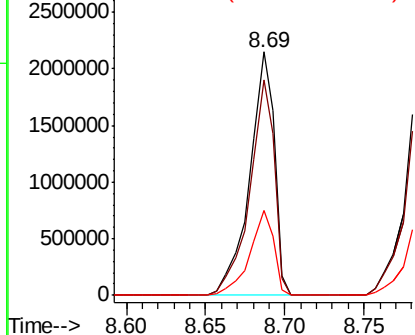


Abundance

Ion 142.00 (141.70 to 142.70): E

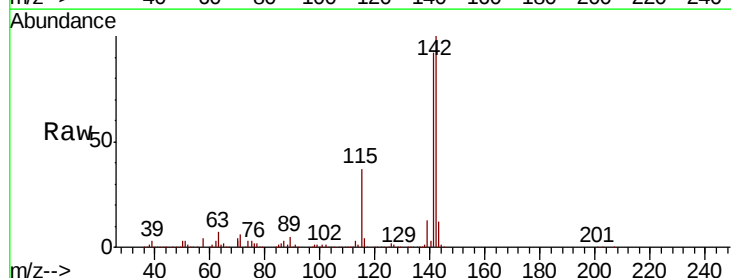
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.687 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.3	108.5
116	3.9	3.0	4.4

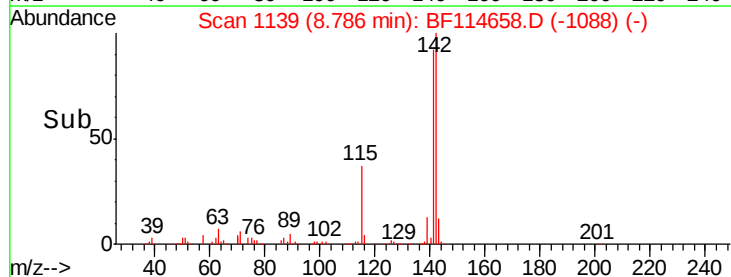
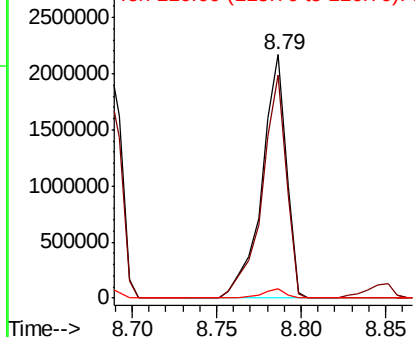


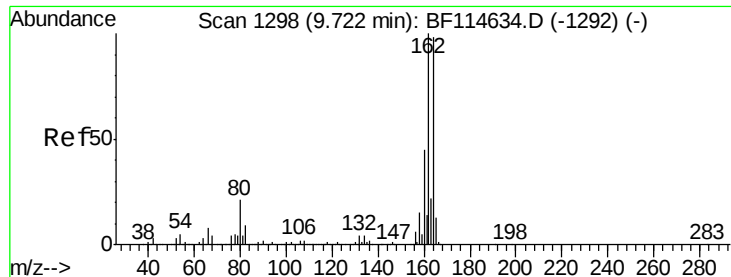
Abundance

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





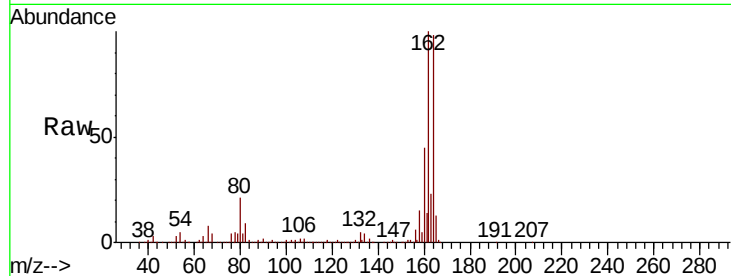
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.0	81.4	122.2	
160	46.3	36.6	54.8	

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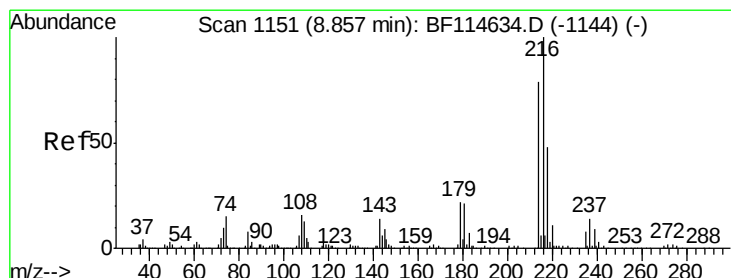
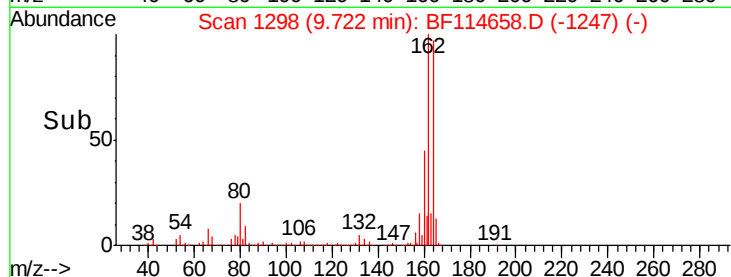
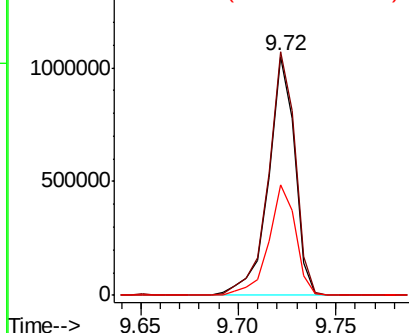


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.175 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.2	94.8	
179	22.5	17.9	26.9	
108	21.3	15.8	23.8	

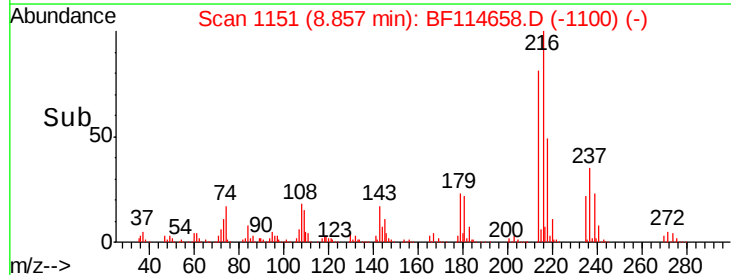
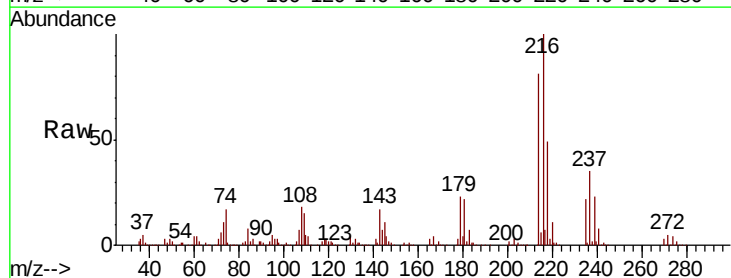
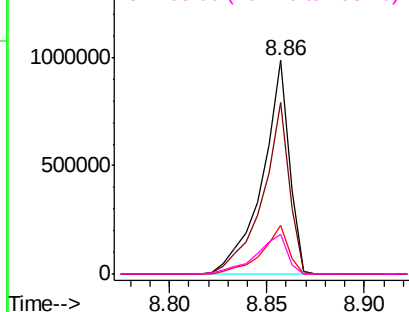
Abundance

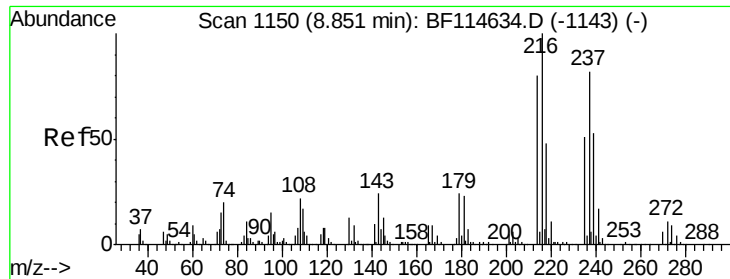
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 63.339 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

PB118819BSD

Tot Ion:237 Resp: 1092460

Ion Ratio Lower Upper

237 100

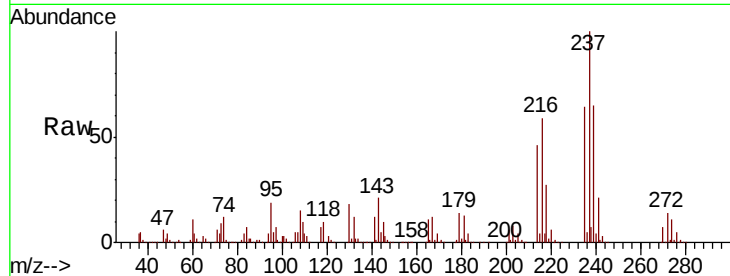
235 64.1 42.8 82.8

272 13.6 0.0 33.7

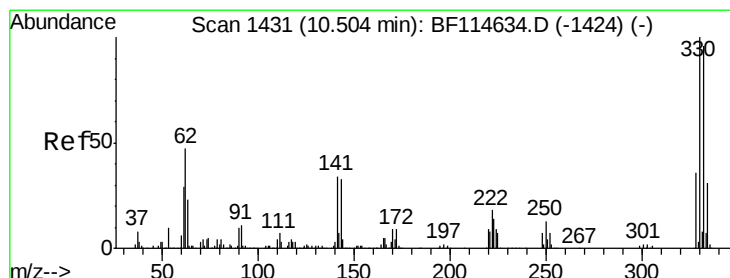
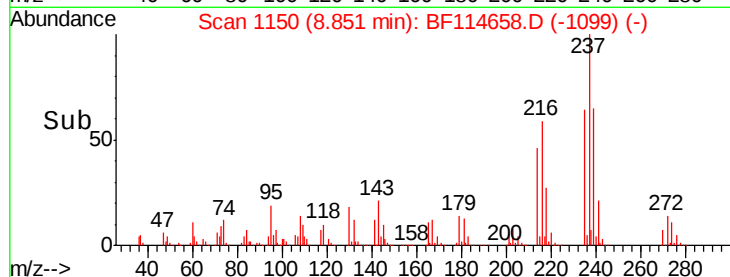
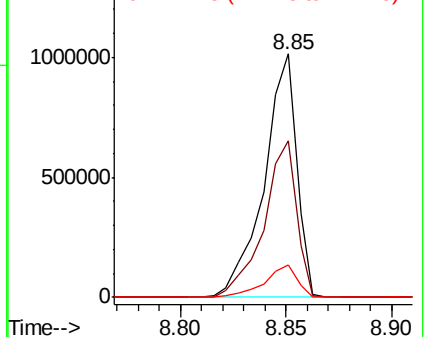
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 106.697 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

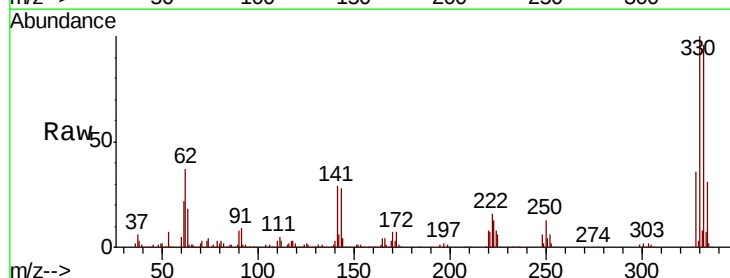
Tgt Ion:330 Resp: 996422

Ion Ratio Lower Upper

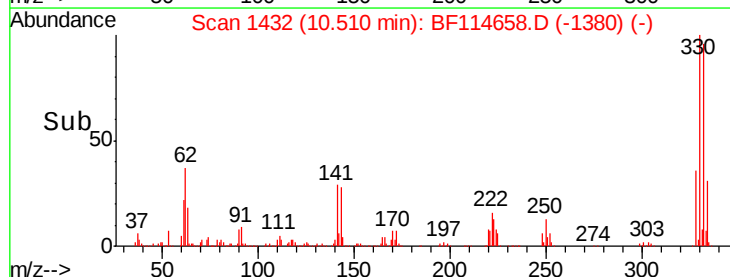
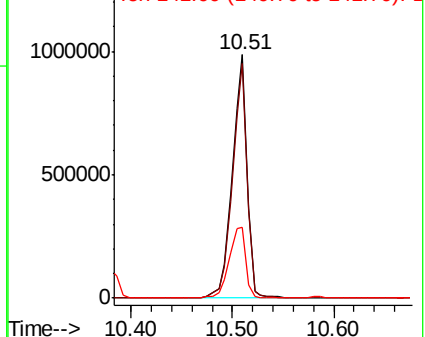
330 100

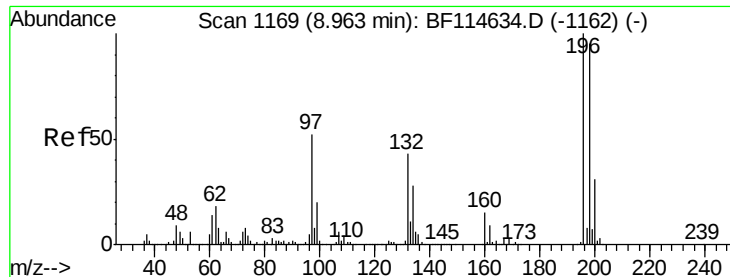
332 96.5 75.8 113.8

141 33.0 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





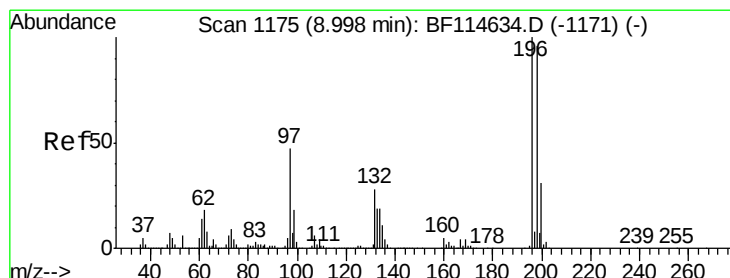
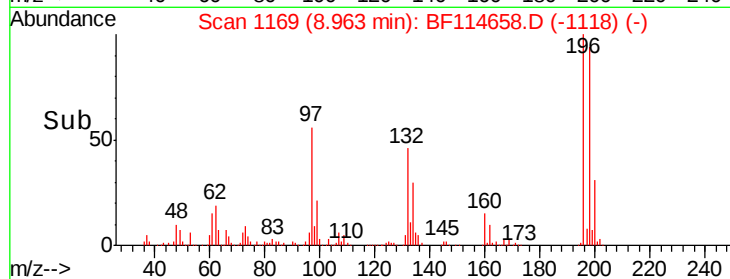
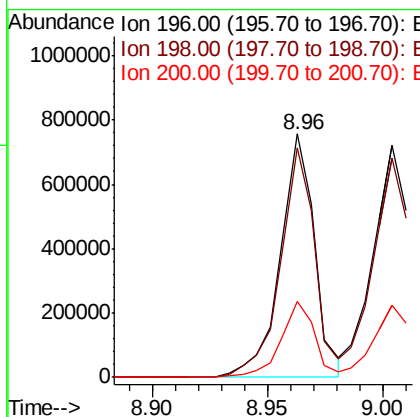
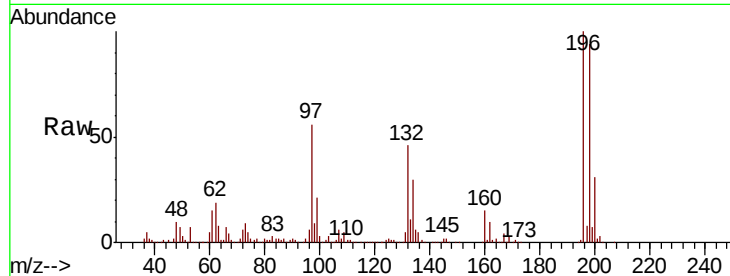
#43
 2,4,6-Trichlorophenol
 Concen: 37.765 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Instrument :
 BNA_F
 ClientSampleID :
 PB118819BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	775575		
198	94.5	76.1	114.1	
200	31.4	24.7	37.1	

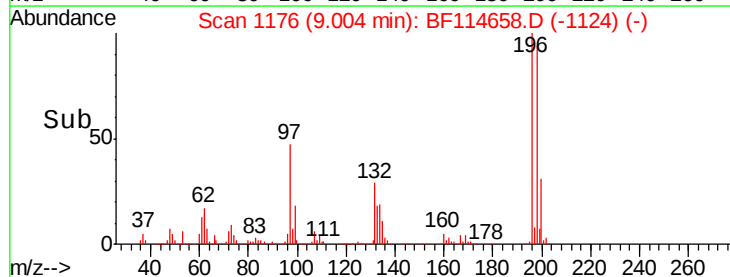
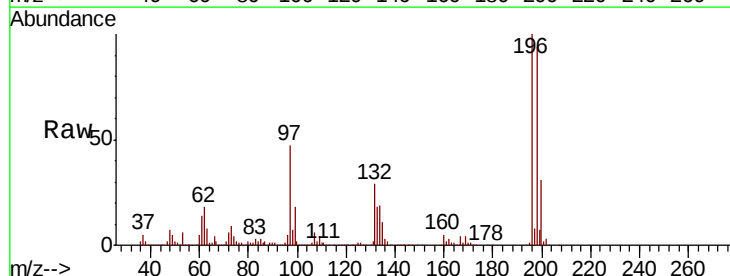
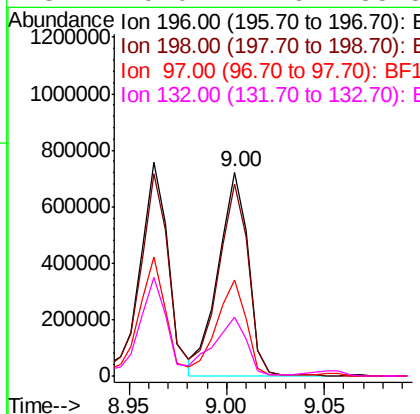
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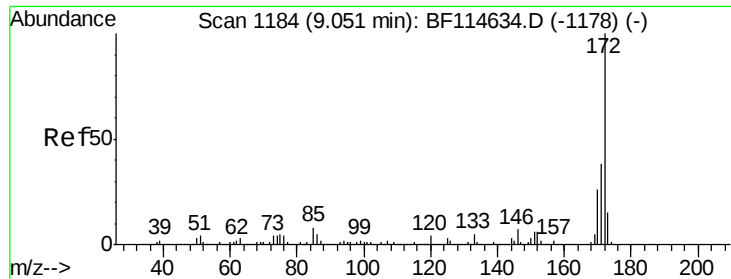
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.493 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	768378		
198	94.4	76.8	115.2	
97	47.4	37.8	56.8	
132	29.0	22.6	33.8	





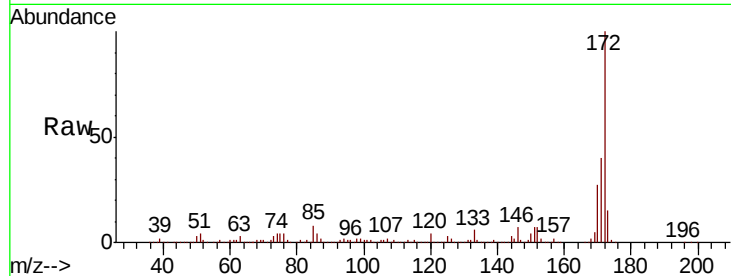
#45
2-Fluorobiphenyl
Concen: 80.809 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

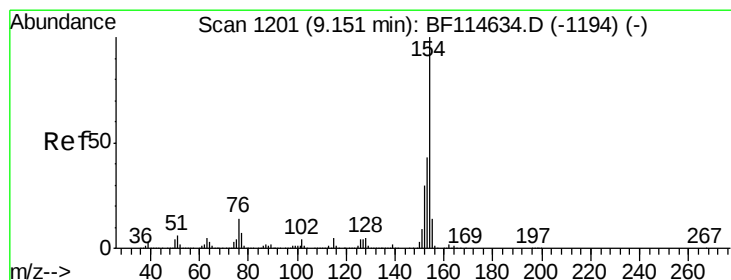
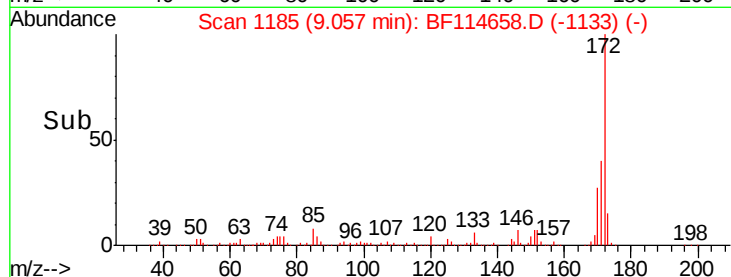
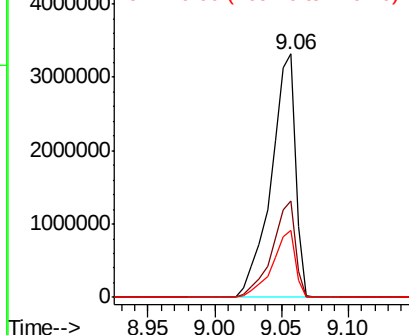
Tot Ion:172 Resp: 4257372
Ion Ratio Lower Upper
172 100
171 39.7 30.6 45.8
170 27.3 20.7 31.1

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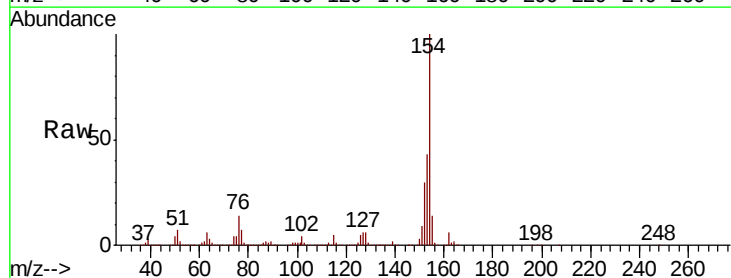


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

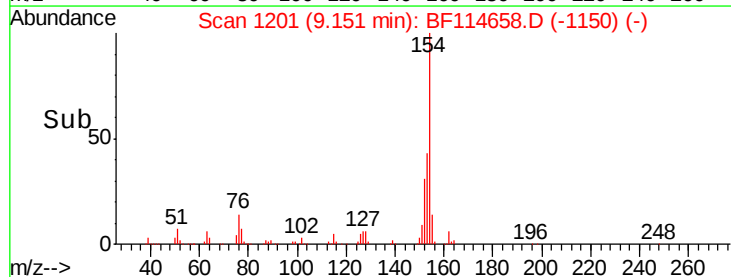
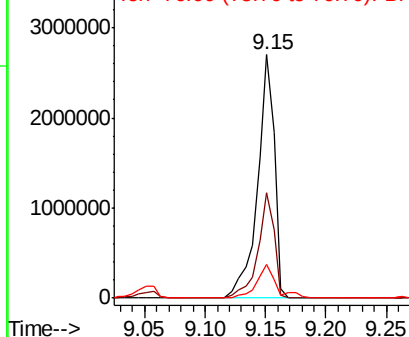


#46
1,1'-Biphenyl
Concen: 36.132 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion:154 Resp: 2628742
Ion Ratio Lower Upper
154 100
153 43.3 23.0 63.0
76 14.0 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: 35.925 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

PB118819BSD

Tot Ion:162 Resp: 2143978

Ion Ratio Lower Upper

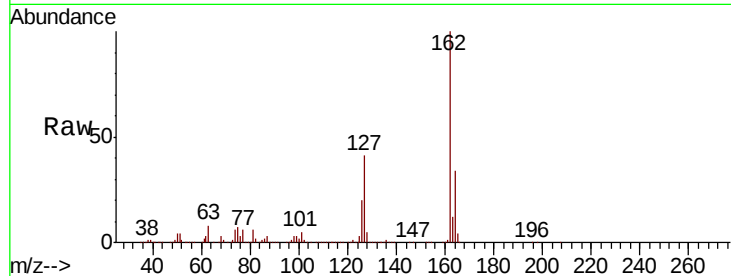
162 100

127 40.8 32.2 48.2

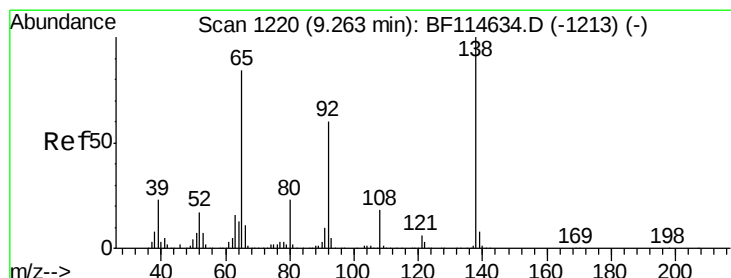
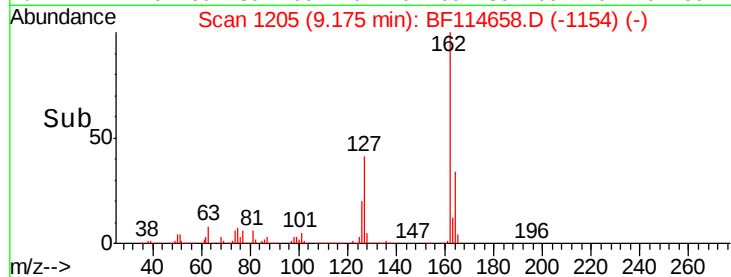
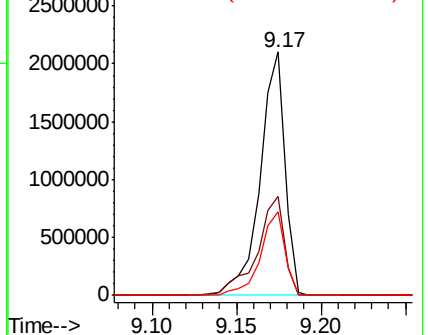
164 34.4 27.8 41.6

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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: 34.109 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

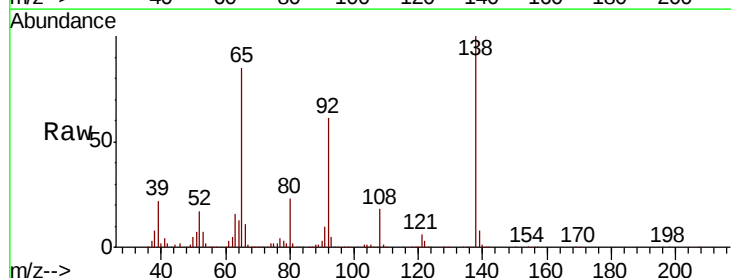
Tgt Ion: 65 Resp: 628177

Ion Ratio Lower Upper

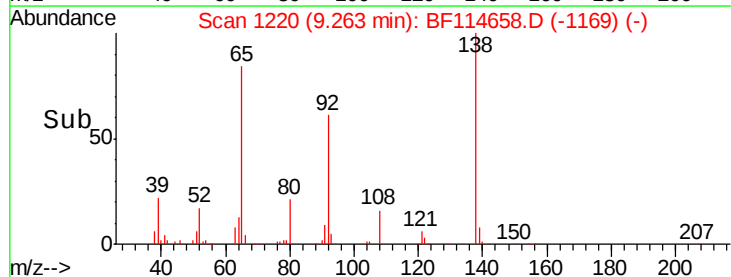
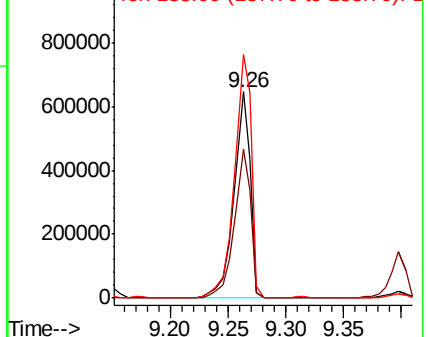
65 100

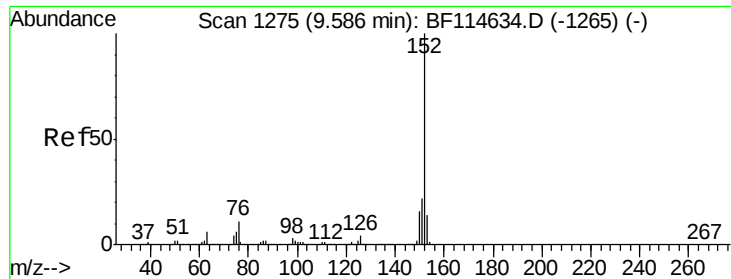
92 72.0 57.1 85.7

138 118.1 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: 34.548 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

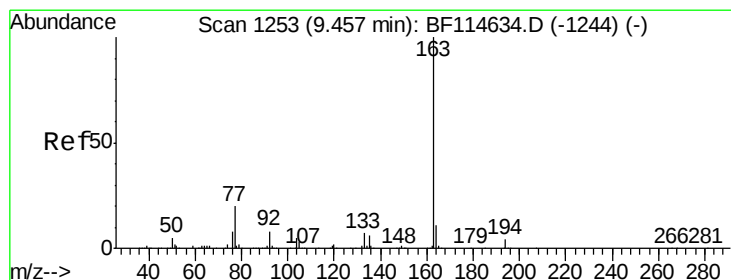
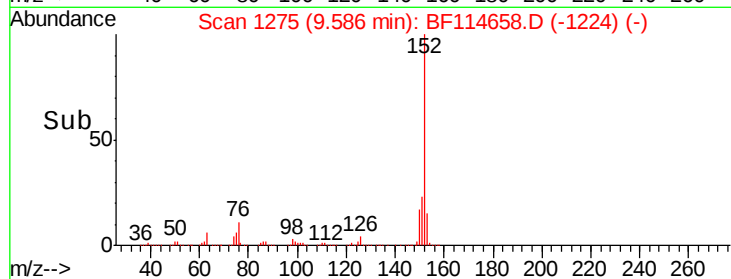
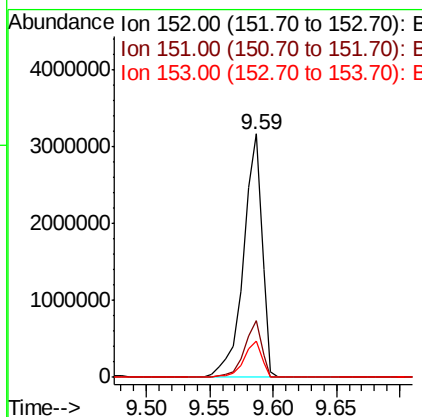
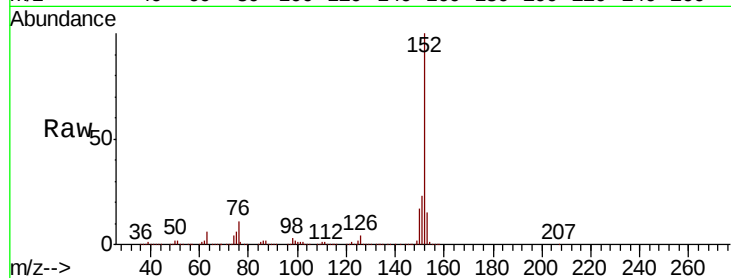
ClientSampleId :

PB118819BSD

Tot Ion:	152	Resp:	3185226
Ion	Ratio	Lower	Upper
152	100		
151	23.1	17.5	26.3
153	15.1	11.6	17.4

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#50

Dimethylphthalate

Concen: 34.849 ng

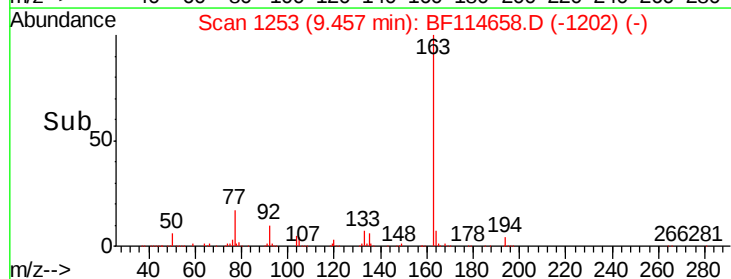
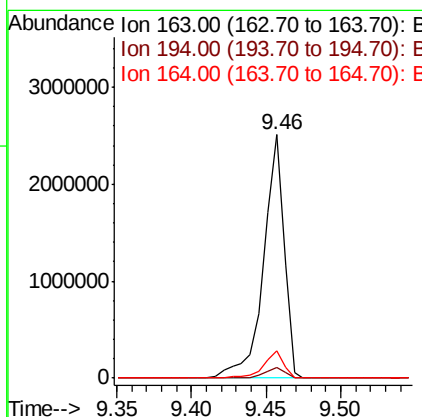
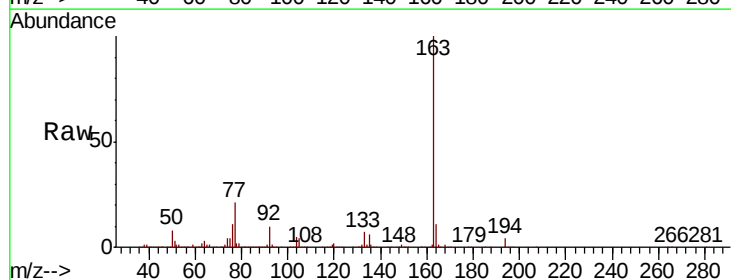
RT: 9.46 min Scan# 1253

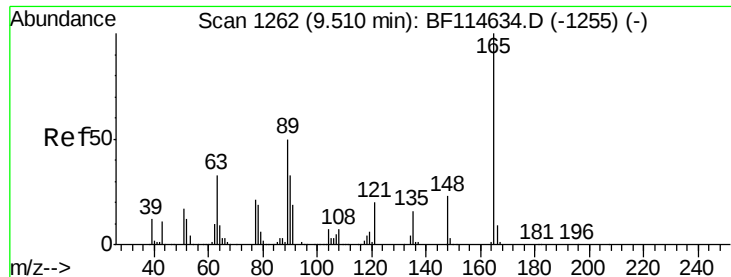
Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tgt Ion:	163	Resp:	2379999
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	11.5	8.6	13.0





#51

2,6-Dinitrotoluene

Concen: 36.709 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

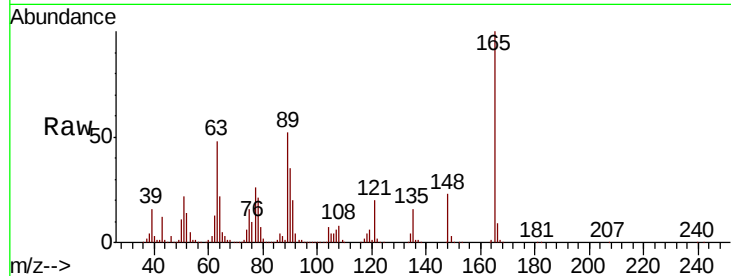
PB118819BSD

Tot Ion:165 Resp: 582544
Ion Ratio Lower Upper

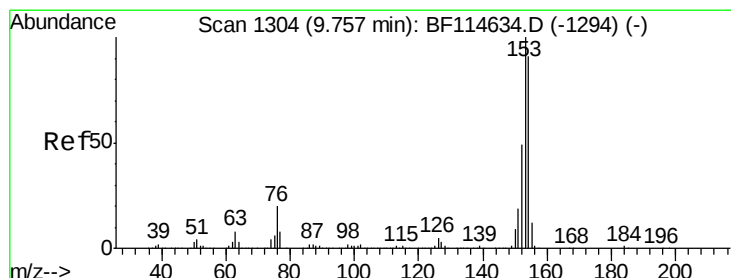
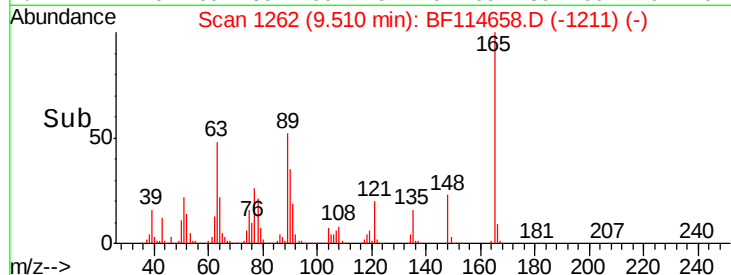
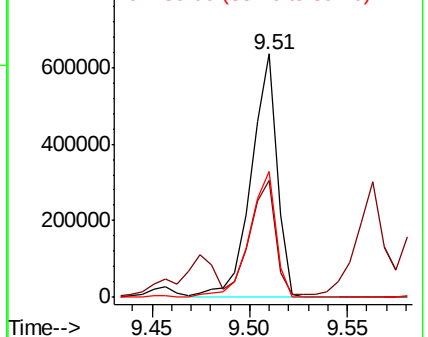
165	100		
63	47.8	36.6	54.8
89	51.6	40.2	60.4

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



#52

Acenaphthene

Concen: 39.434 ng

RT: 9.76 min Scan# 1304

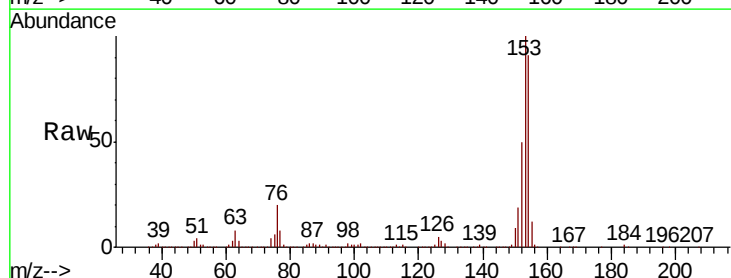
Delta R.T. 0.00 min

Lab File: BF114658.D

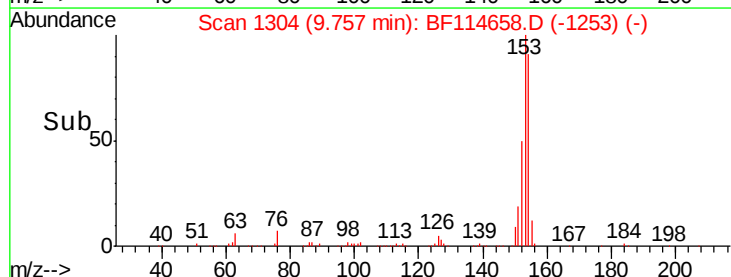
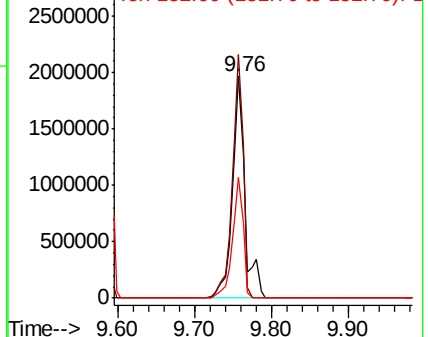
Acq: 30 May 2019 14:00

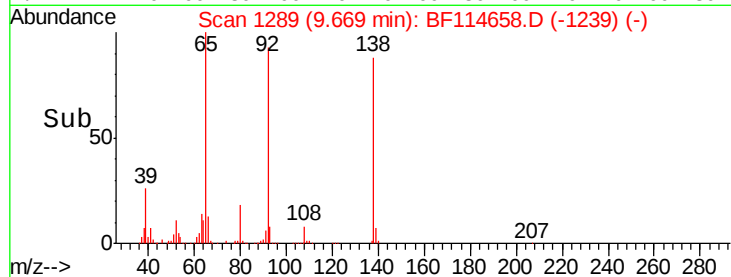
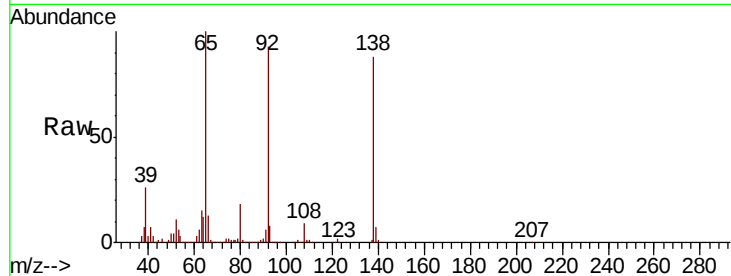
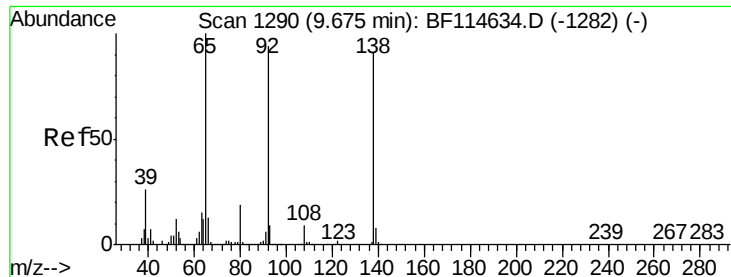
Tgt Ion:154 Resp: 2229706
Ion Ratio Lower Upper

154	100		
153	109.9	88.4	132.6
152	54.6	43.4	65.0



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





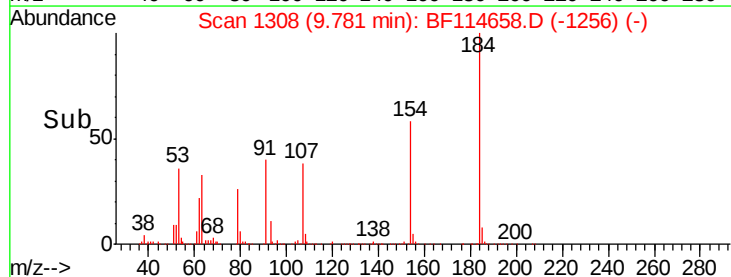
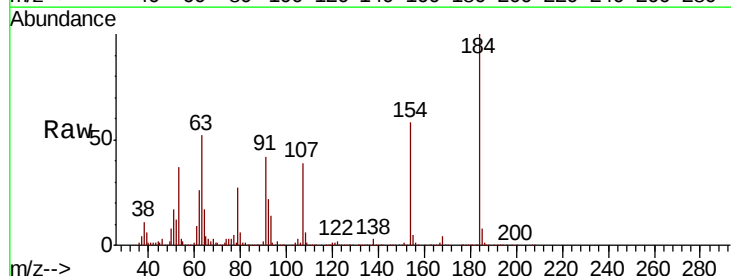
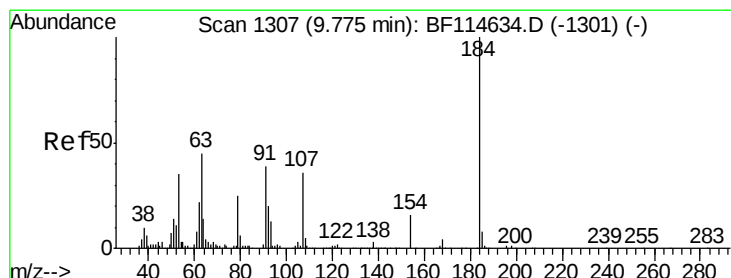
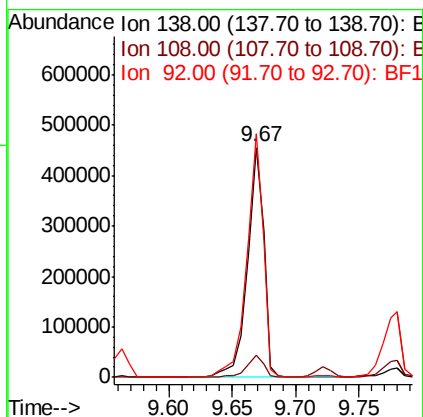
#53
3-Nitroaniline
Concen: 21.053 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tot Ion	Ratio	Resp	Lower	Upper
138	100	408892		
108	9.9	8.3	12.5	
92	106.0	83.1	124.7	

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

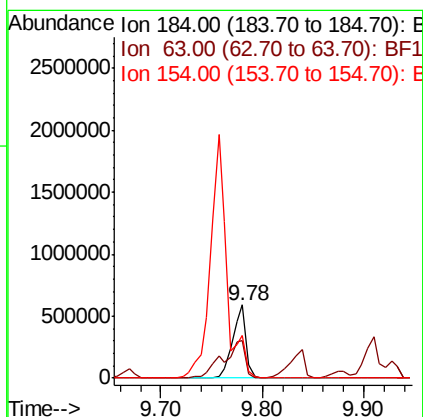
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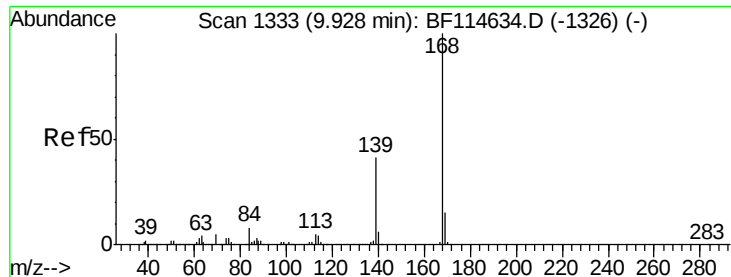
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#54
2,4-Dinitrophenol
Concen: 86.425 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	540978		
63	51.8	38.8	58.2	
154	57.9	43.7	65.5	





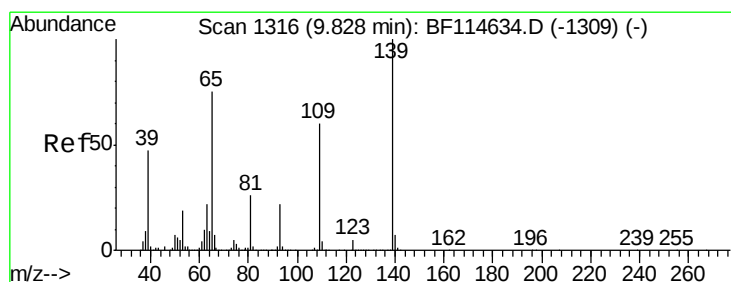
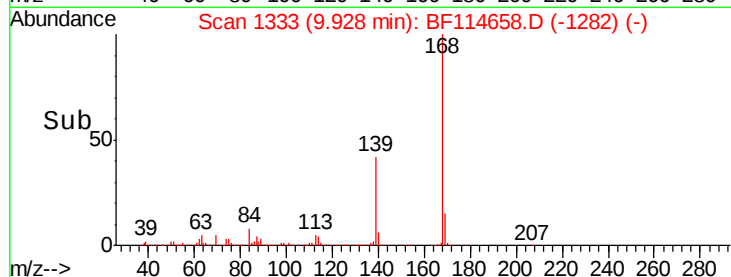
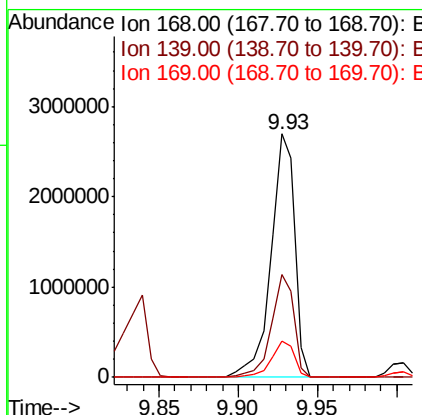
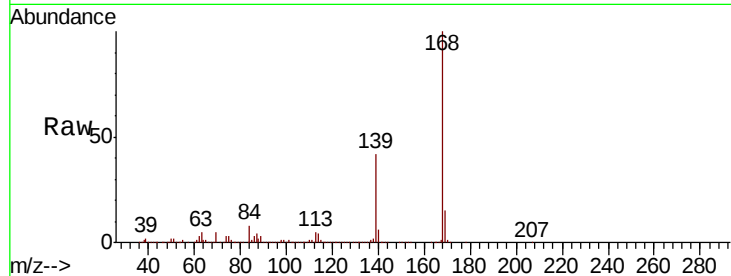
#55
Dibenzenofuran
Concen: 34.973 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.1	32.6	48.8
169	15.1	11.8	17.8

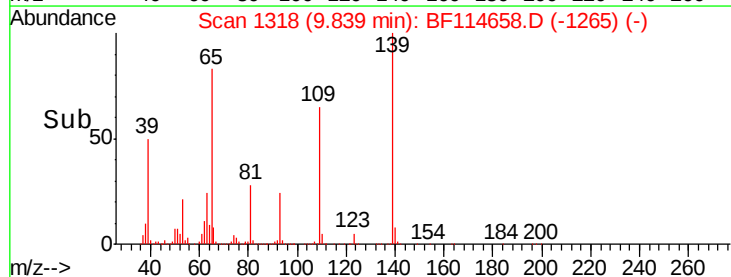
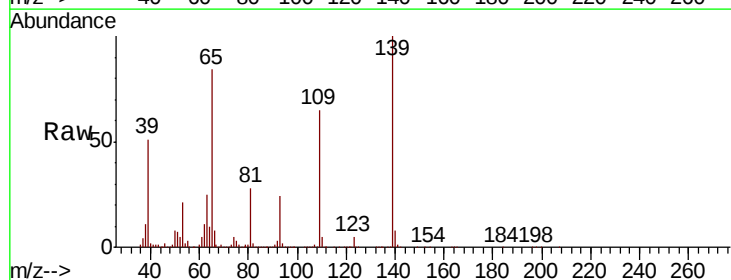
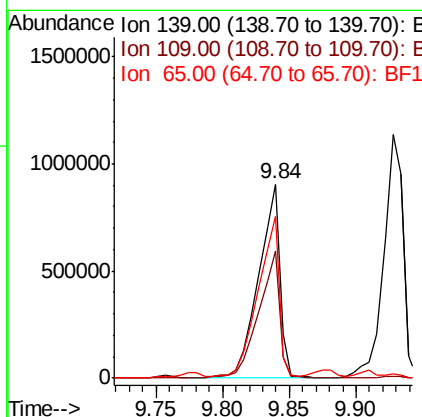
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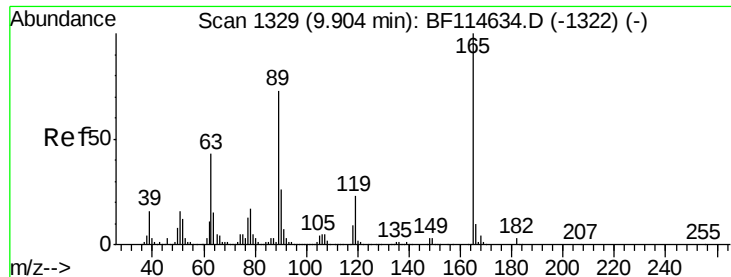
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#56
4-Nitrophenol
Concen: 69.113 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	40.4	80.4
65	83.5	54.7	94.7





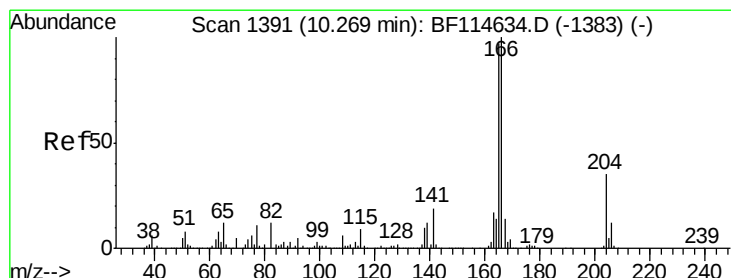
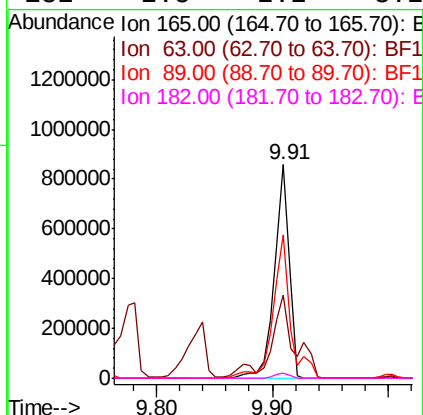
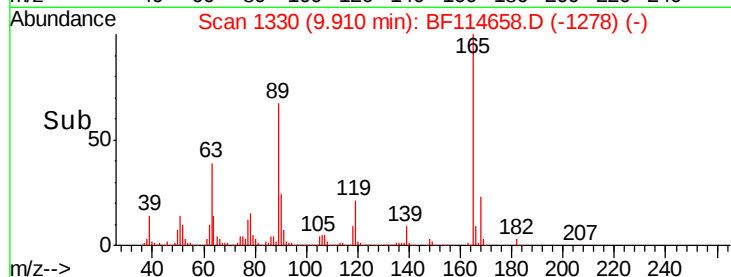
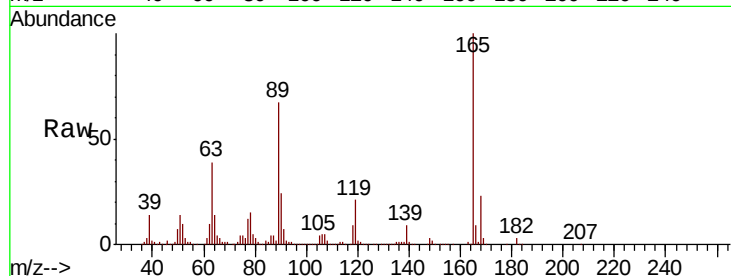
#57
2,4-Dinitrotoluene
Concen: 37.300 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion:	165	Resp:	759670
Ion Ratio	Lower	Upper	
165	100		
63	39.1	34.8	52.2
89	67.1	58.5	87.7
182	2.5	2.2	3.2

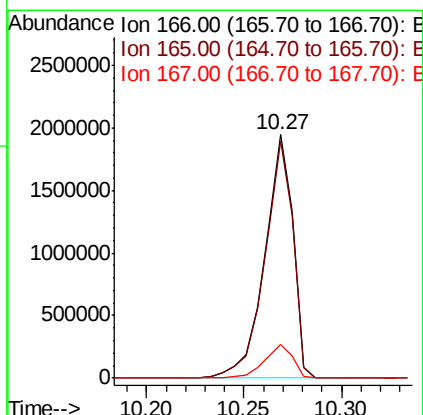
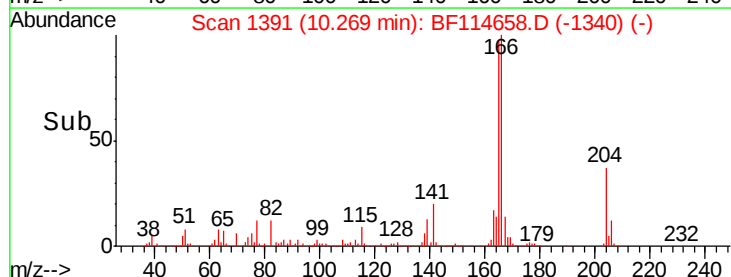
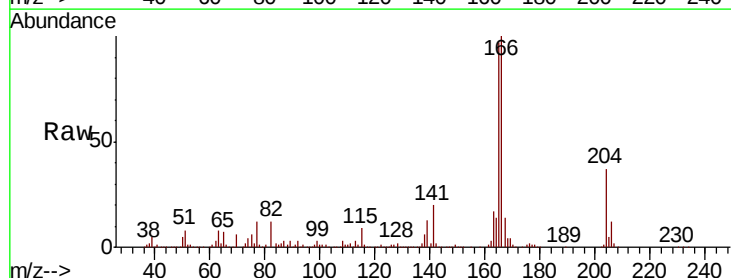
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#58
Fluorene
Concen: 33.955 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion:	166	Resp:	1939511
Ion Ratio	Lower	Upper	
166	100		
165	97.2	77.6	116.4
167	13.9	11.2	16.8





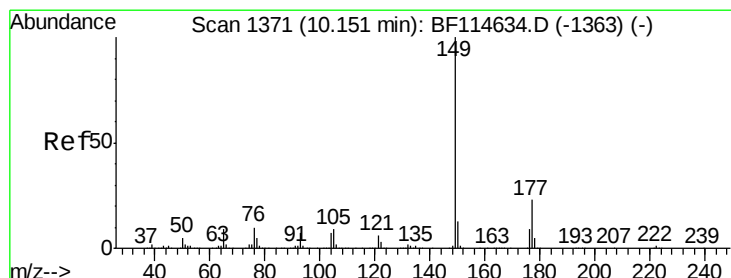
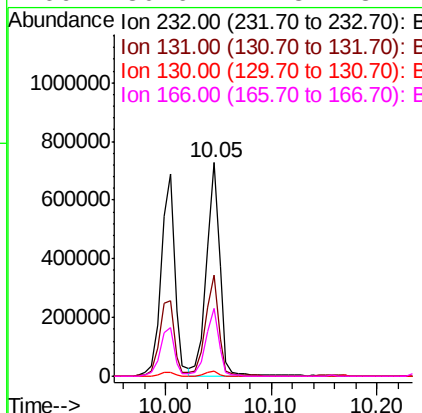
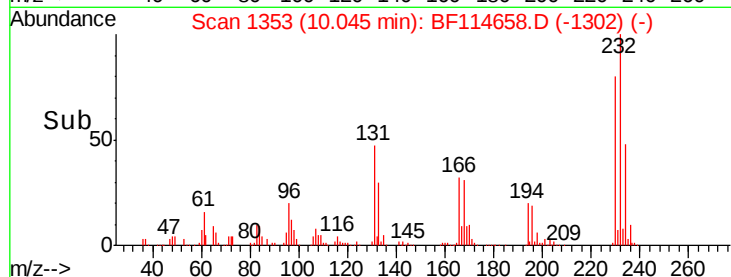
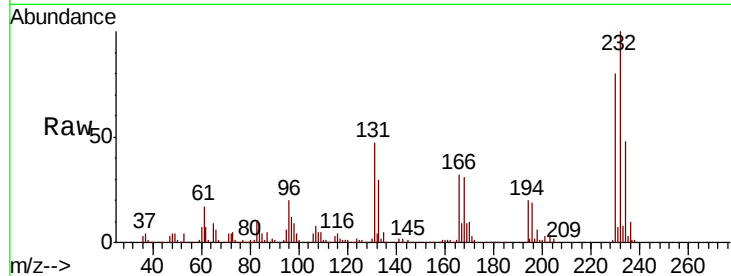
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.959 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.2	55.8
130	2.3	1.8	2.8
166	30.6	24.8	37.2

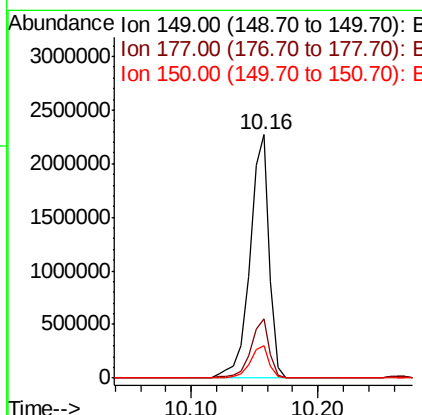
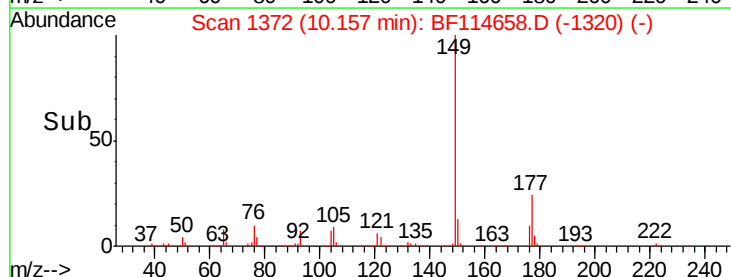
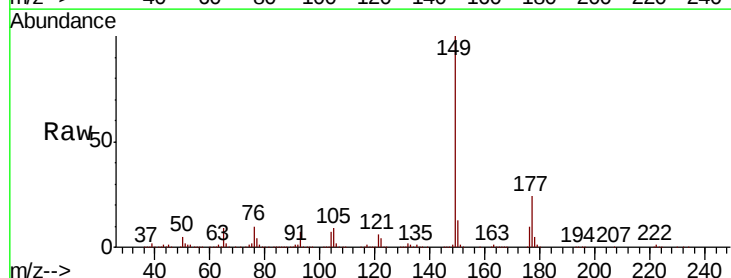
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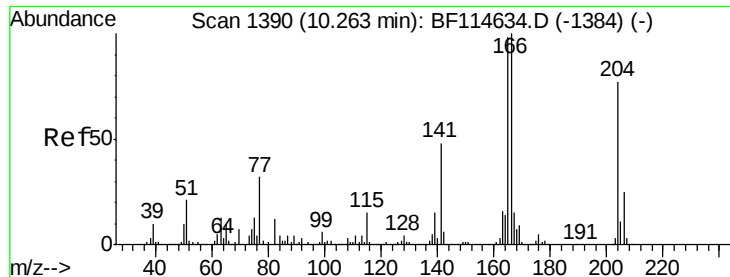
mohammad
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#60
Diethylphthalate
Concen: 34.101 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.6	28.0
150	13.1	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 33.829 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

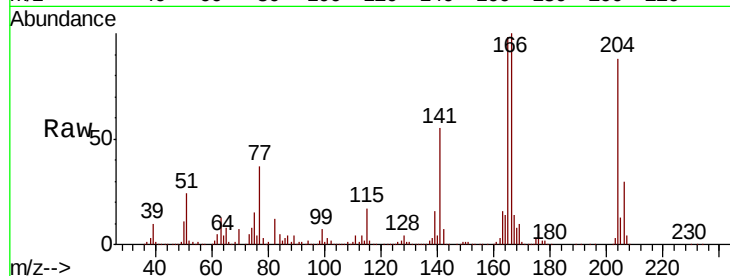
ClientSampled :

PB118819BSD

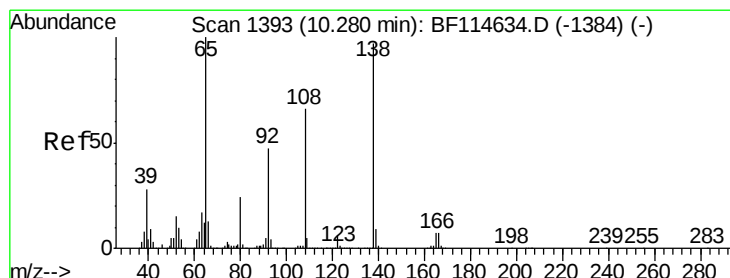
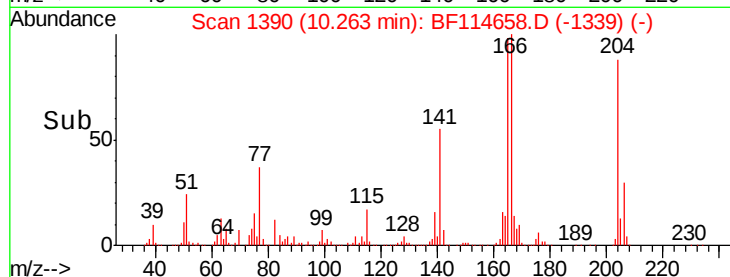
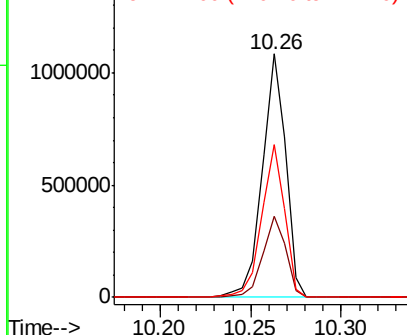
Tot Ion:	204	Resp:	974881
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.4	39.6
141	62.7	50.0	75.0

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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: 31.340 ng

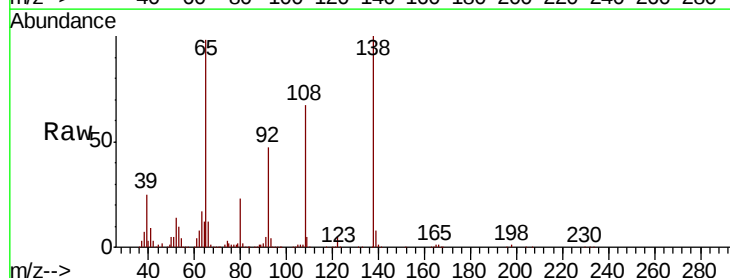
RT: 10.29 min Scan# 1394

Delta R.T. 0.01 min

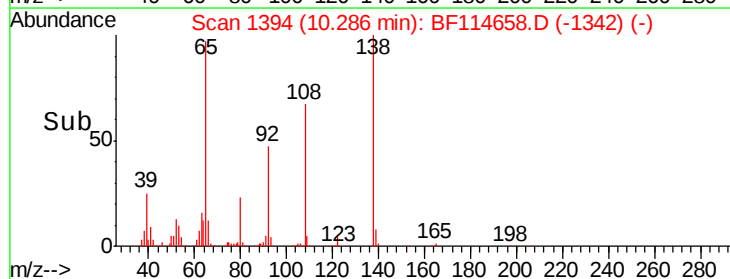
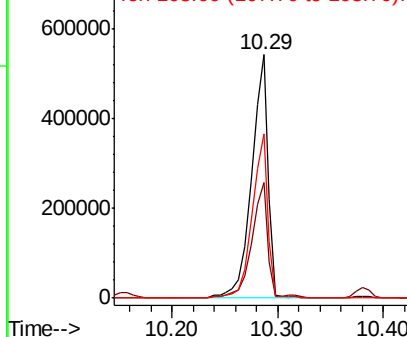
Lab File: BF114658.D

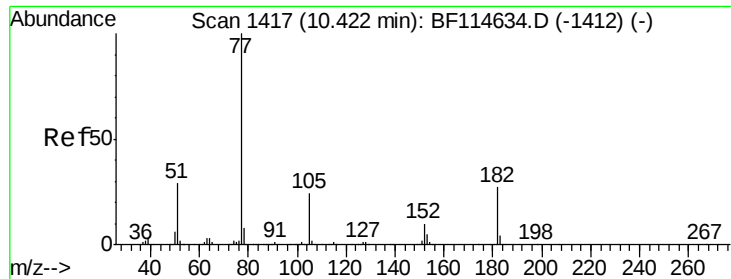
Acq: 30 May 2019 14:00

Tgt Ion:	138	Resp:	593135
Ion Ratio	Lower	Upper	
138	100		
92	47.3	28.0	68.0
108	67.4	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





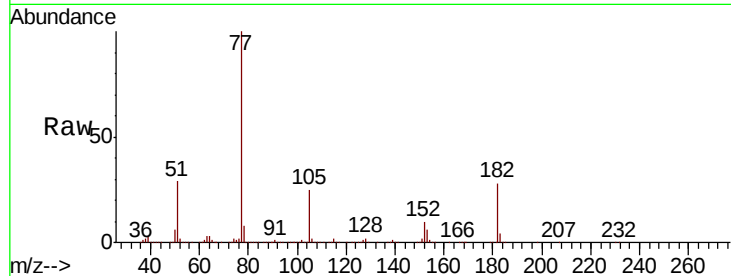
#63
Azobenzene
Concen: 34.452 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.0	47.0
105	24.5	3.7	43.7
51	29.4	9.1	49.1

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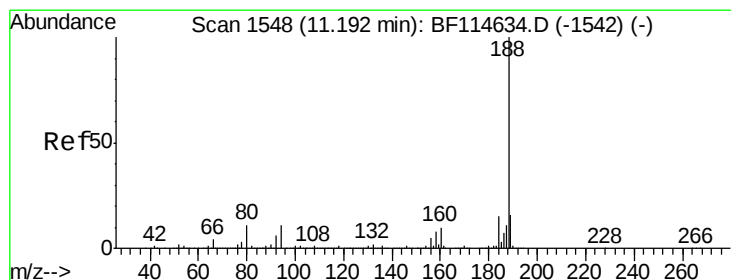
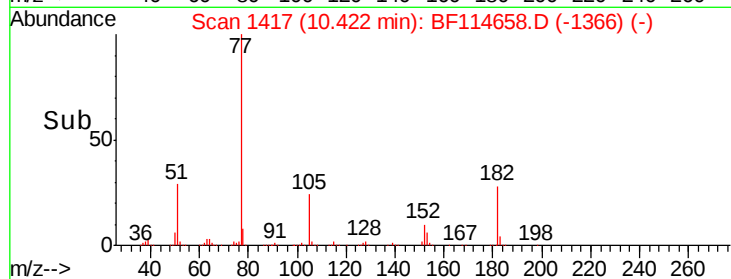
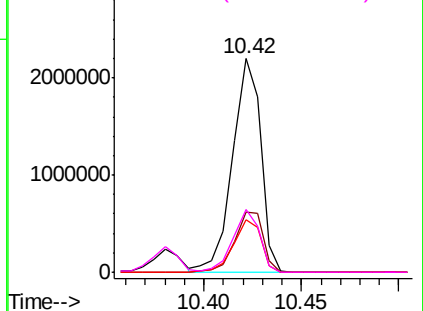
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

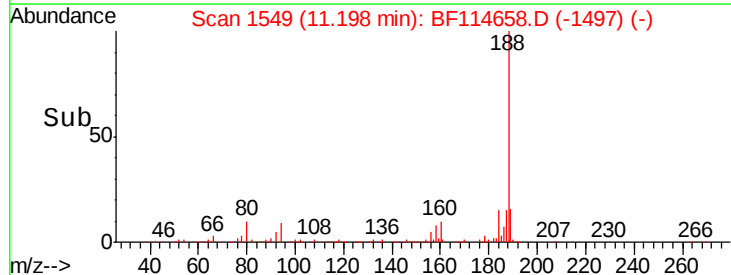
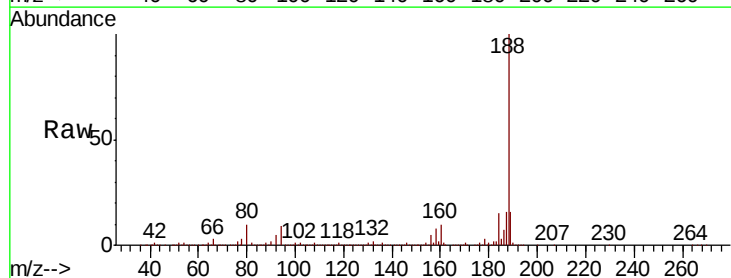
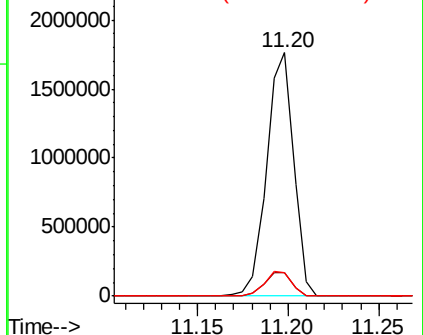
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.6	13.0
80	9.7	9.0	13.6

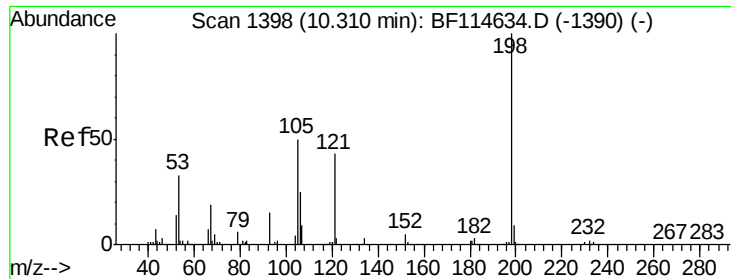
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





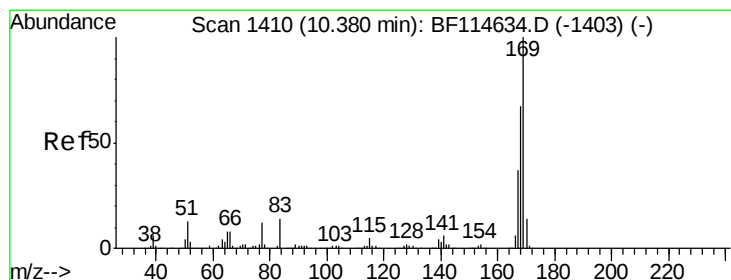
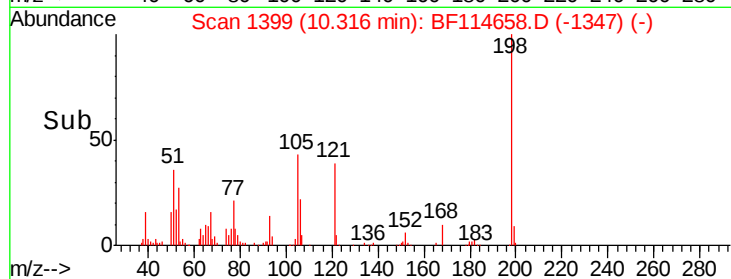
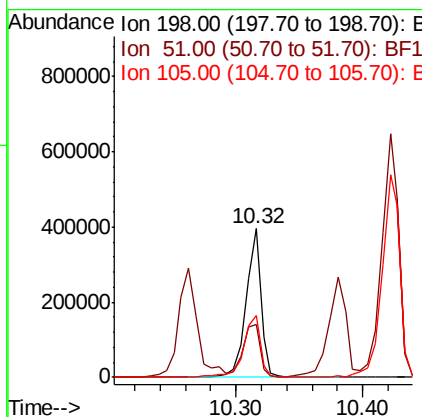
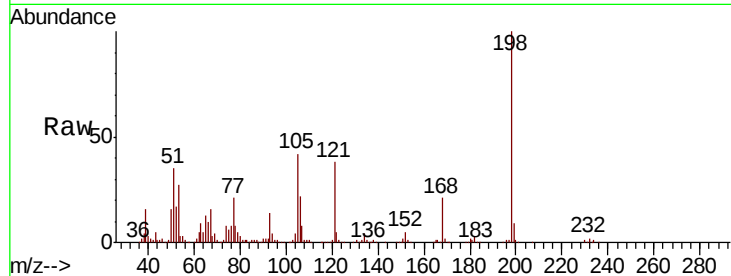
#65
4,6-Dinitro-2-methylphenol
Concen: 39.748 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	321222		
51	35.5	29.0	69.0	
105	41.7	30.4	70.4	

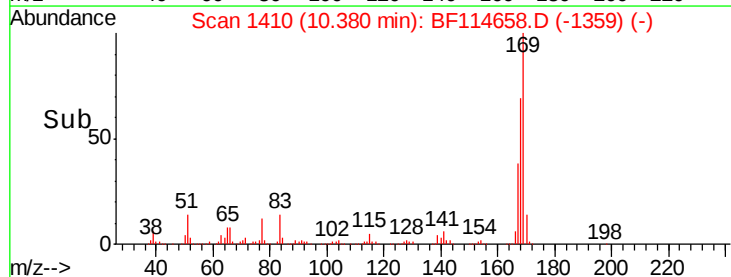
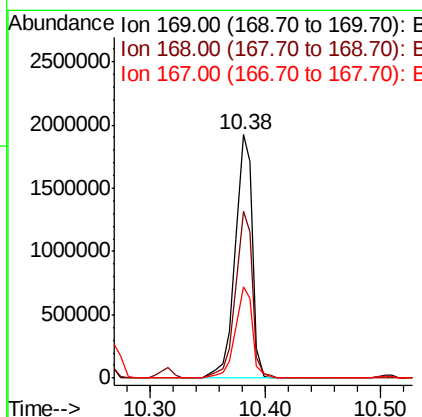
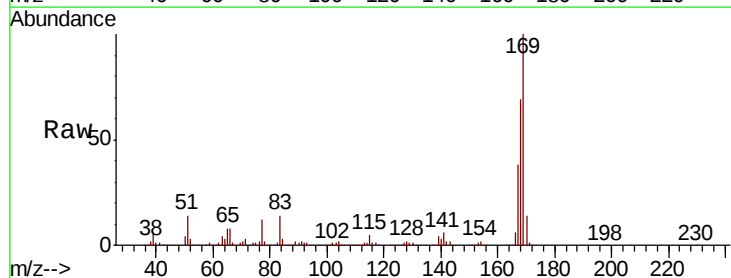
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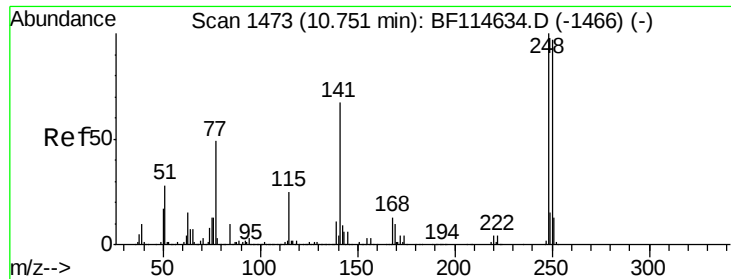
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#66
n-Nitrosodiphenylamine
Concen: 36.511 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1966027		
168	68.7	53.8	80.8	
167	37.6	29.8	44.6	





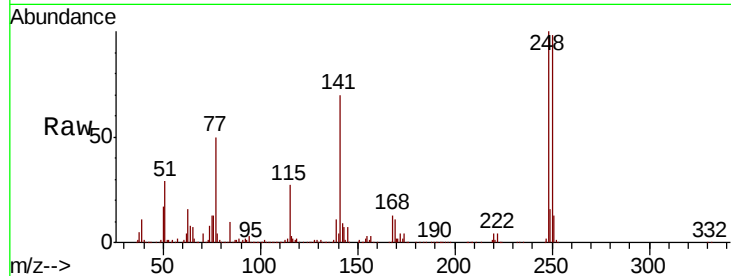
#67
4-Bromophenyl-phenylether
Concen: 35.138 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.0	117.0
141	70.1	53.8	80.8

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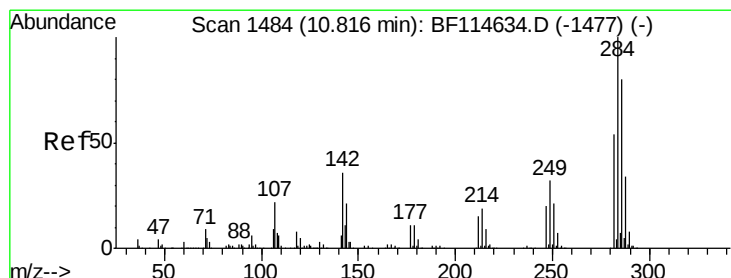
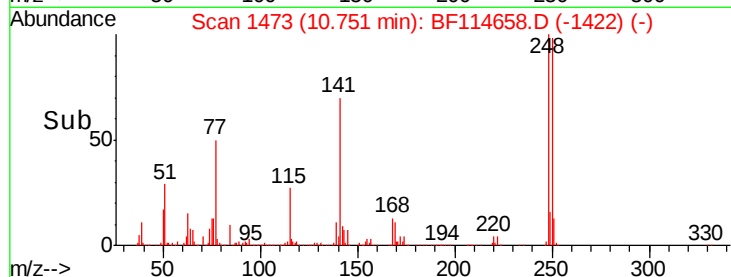
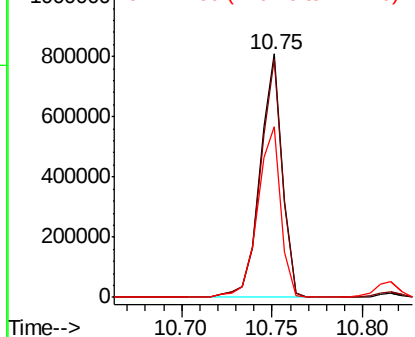


Abundance

Ion 248.00 (247.70 to 248.70): E

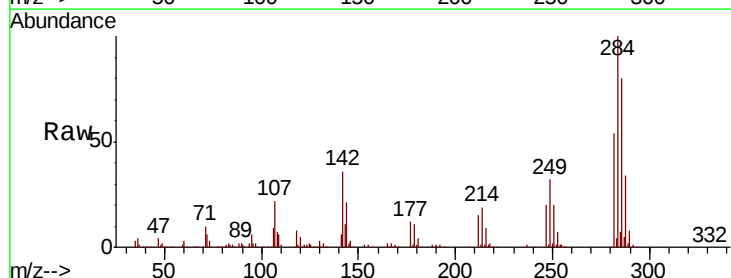
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.808 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	28.9	43.3
249	32.3	25.8	38.6

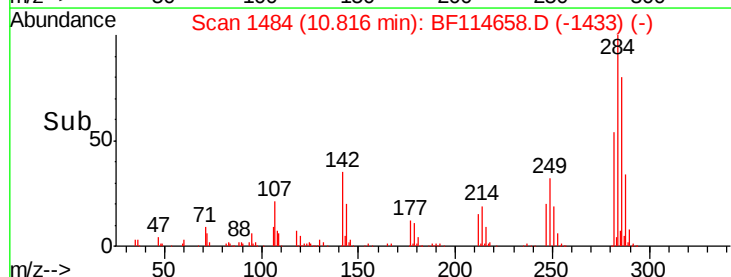
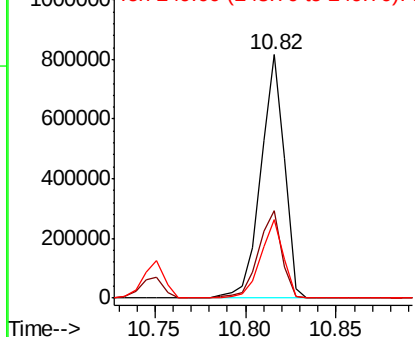


Abundance

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: 33.840 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

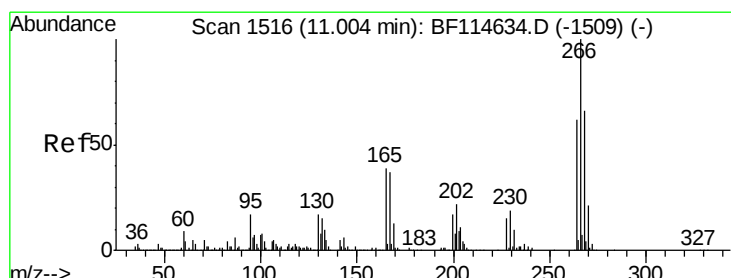
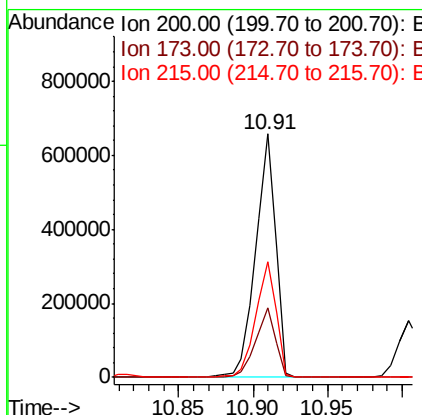
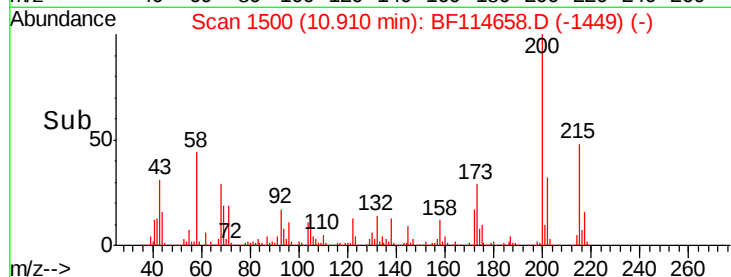
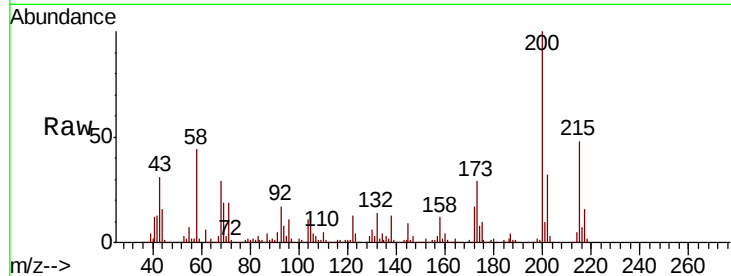
ClientSampleId :

PB118819BSD

Tot Ion:	200	Resp:	606883
Ion Ratio	Lower	Upper	
200	100		
173	28.7	7.9	47.9
215	47.6	27.8	67.8

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#70

Pentachlorophenol

Concen: 69.925 ng

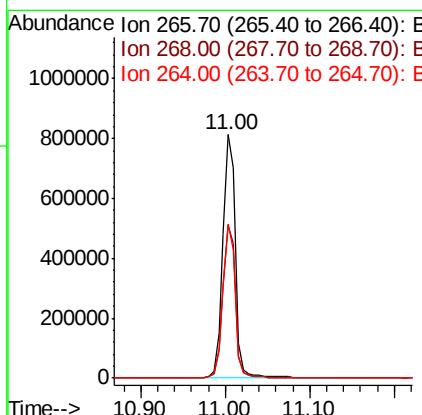
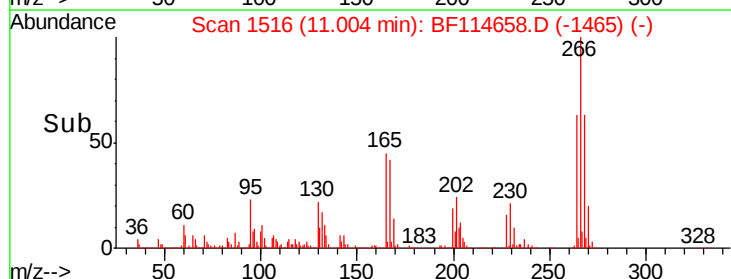
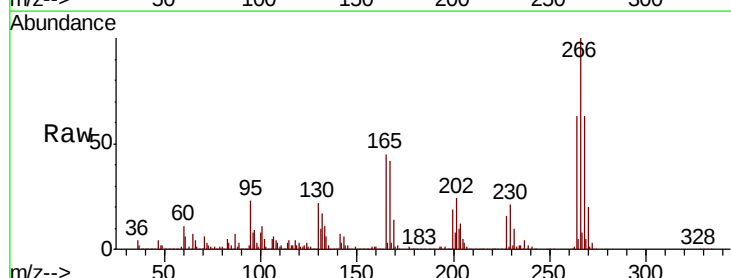
RT: 11.00 min Scan# 1516

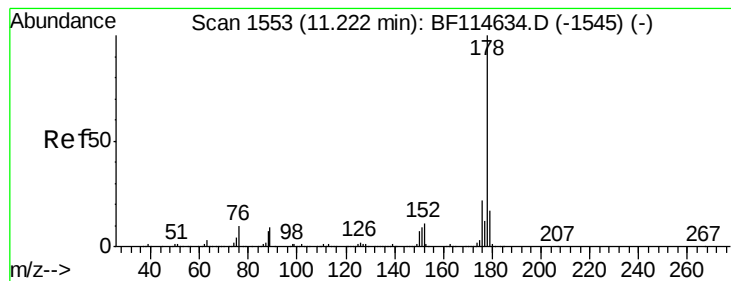
Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tgt Ion:	266	Resp:	853281
Ion Ratio	Lower	Upper	
266	100		
268	62.6	52.8	79.2
264	63.5	49.9	74.9





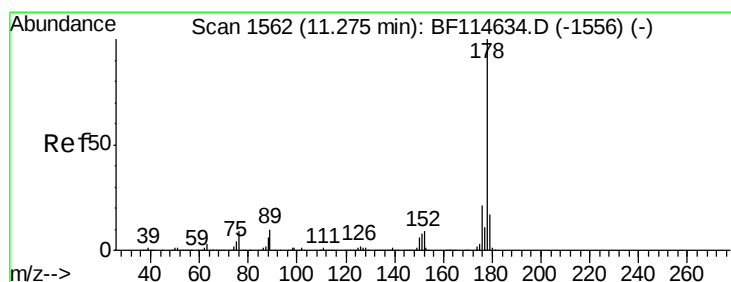
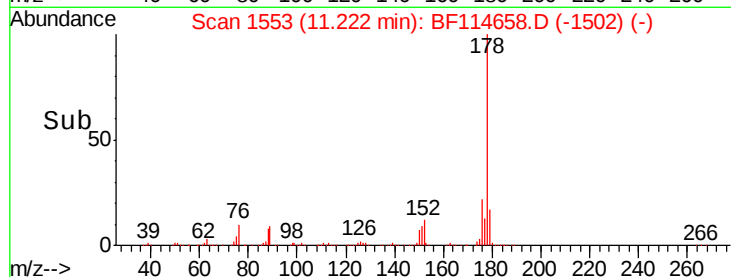
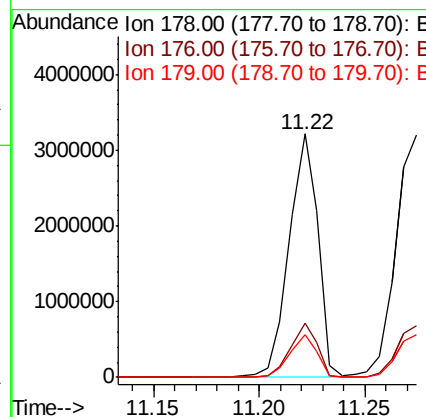
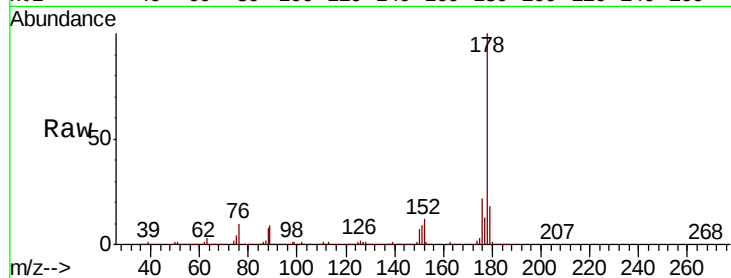
#71
Phenanthrene
Concen: 32.987 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion:178 Resp: 3066879
Ion Ratio Lower Upper
178 100
176 22.0 17.2 25.8
179 17.6 13.9 20.9

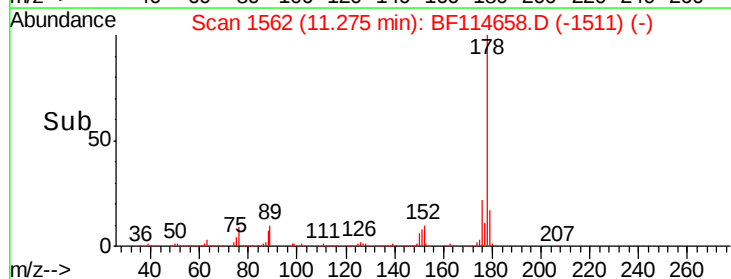
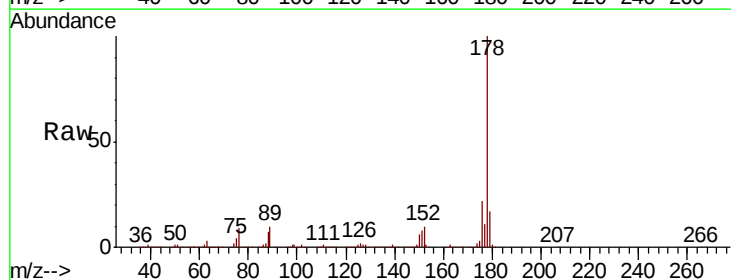
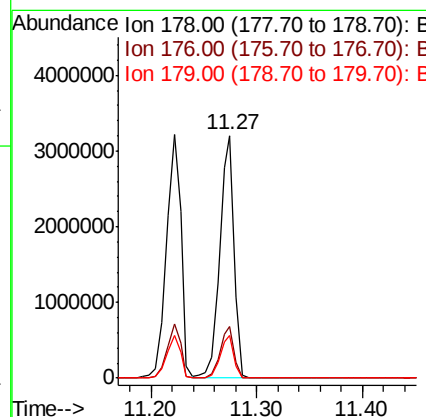
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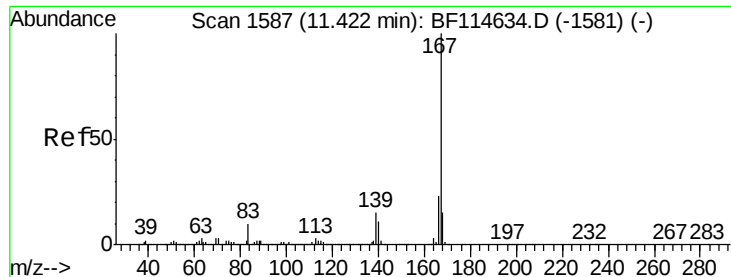
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#72
Anthracene
Concen: 32.885 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion:178 Resp: 3094372
Ion Ratio Lower Upper
178 100
176 21.5 16.6 24.8
179 17.4 13.4 20.0





#73

Carbazole

Concen: 34.068 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

PB118819BSD

Tot Ion:167 Resp: 2817339

Ion Ratio Lower Upper

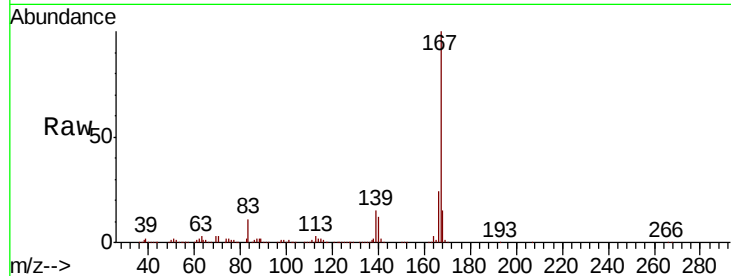
167 100

166 23.7 18.7 28.1

139 15.4 11.8 17.8

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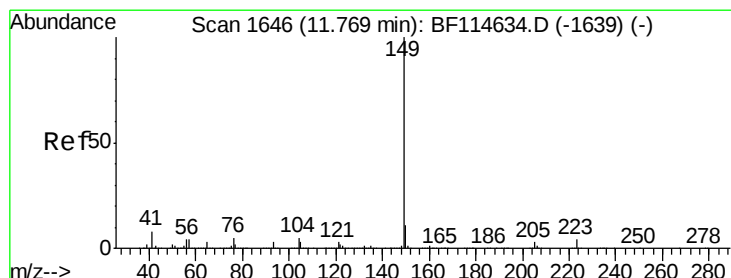
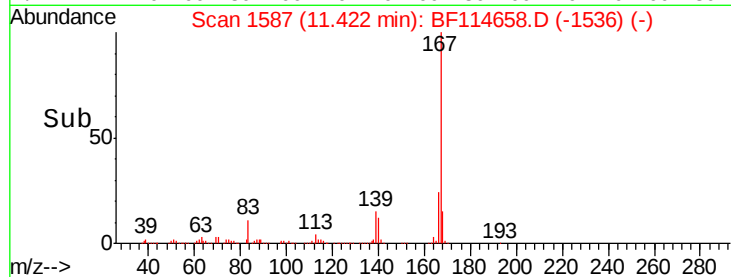
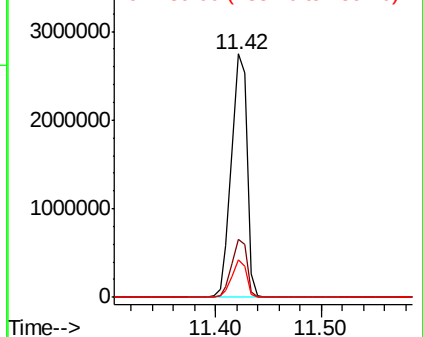


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 30.519 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

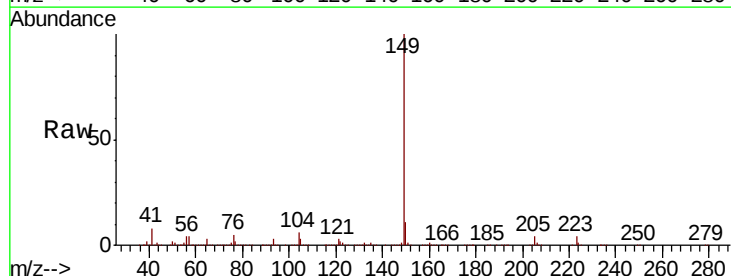
Tgt Ion:149 Resp: 3321188

Ion Ratio Lower Upper

149 100

150 11.2 8.6 12.8

104 5.7 4.3 6.5

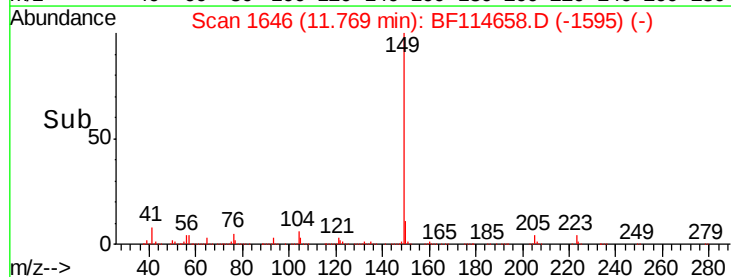
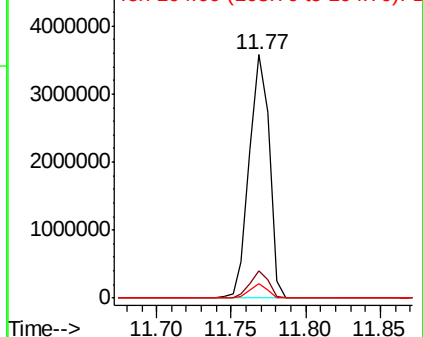


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 32.380 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

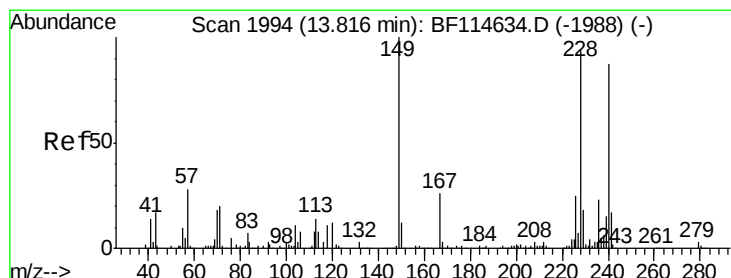
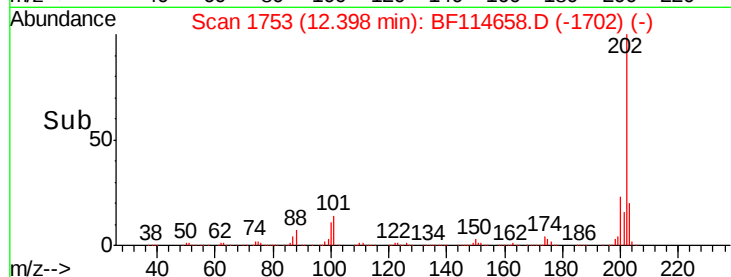
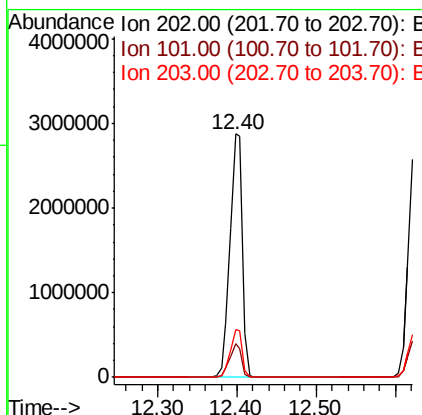
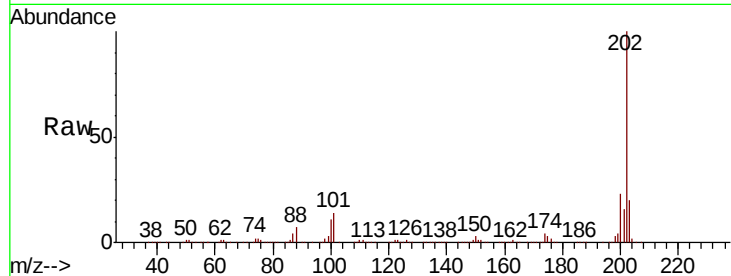
ClientSampleId :

PB118819BSD

Tot Ion:	202	Resp:	3117261
Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.9
203	19.6	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

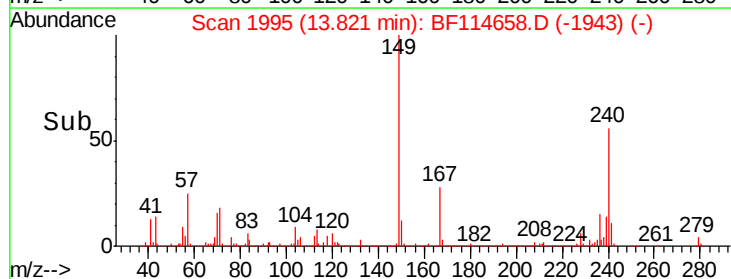
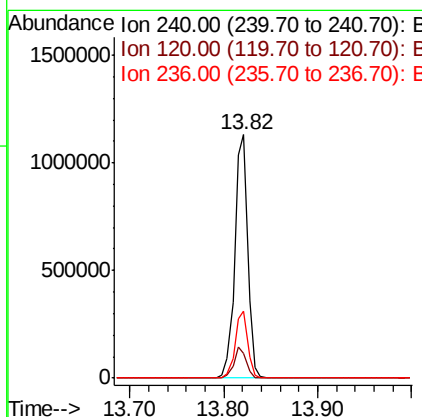
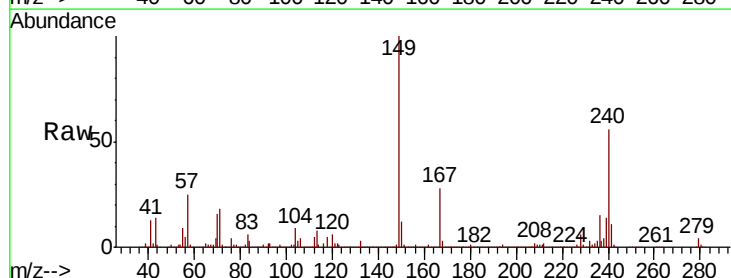
RT: 13.82 min Scan# 1995

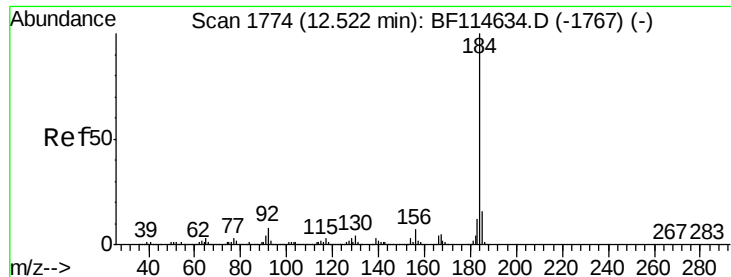
Delta R.T. 0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tgt Ion:	240	Resp:	1076375
Ion	Ratio	Lower	Upper
240	100		
120	10.4	11.2	16.8#
236	27.3	21.2	31.8





#77

Benzidine

Concen: 25.703 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

PB118819BSD

Tot Ion:184 Resp: 1139236

Ion Ratio Lower Upper

184 100

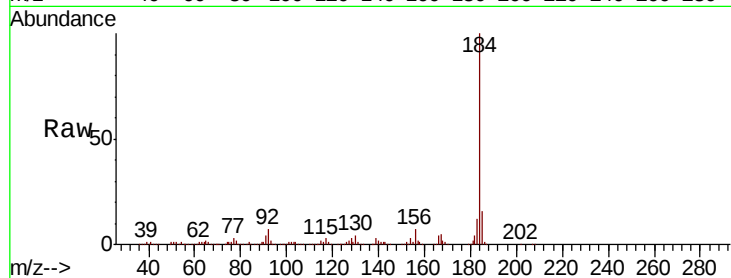
185 15.8 12.6 18.8

183 11.8 9.4 14.2

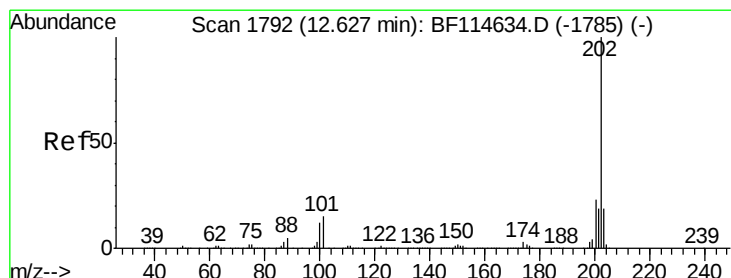
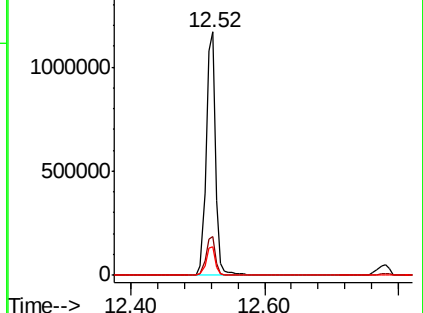
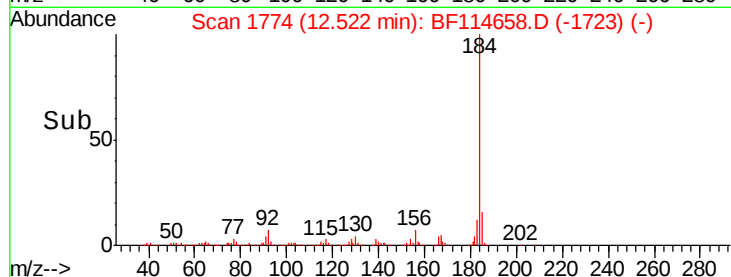
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.375 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

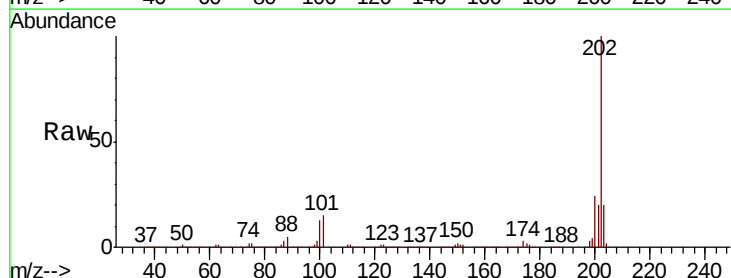
Tgt Ion:202 Resp: 3129947

Ion Ratio Lower Upper

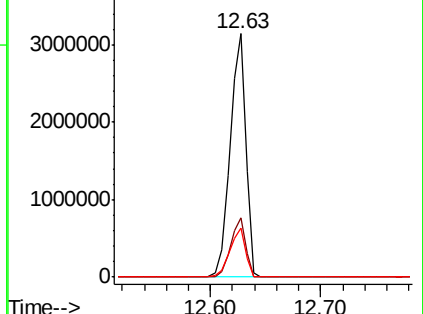
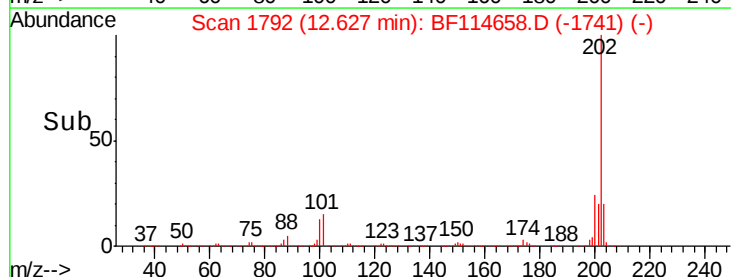
202 100

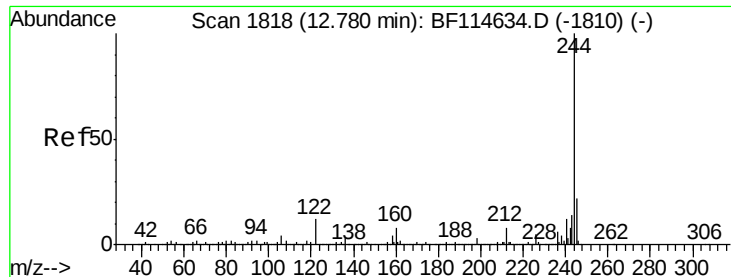
200 24.4 18.6 28.0

203 20.1 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





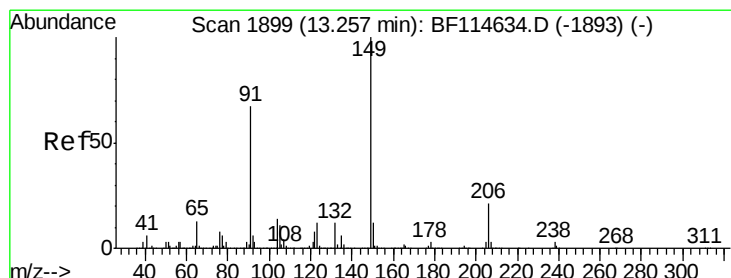
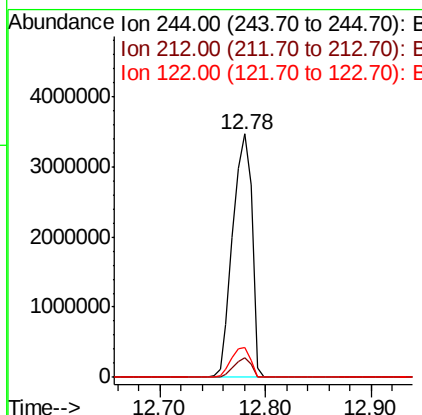
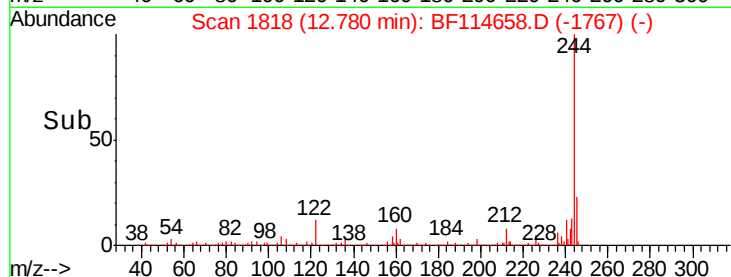
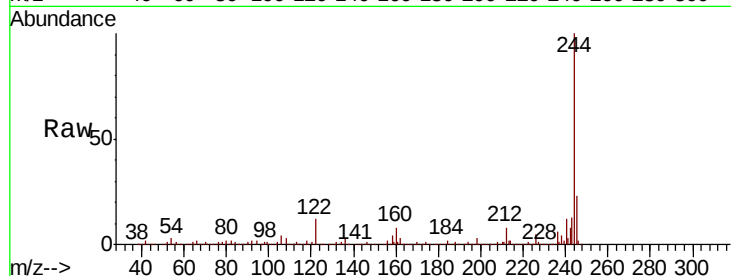
#79
 Terphenyl-d14
 Concen: 75.622 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Instrument :
 BNA_F
 ClientSampleId :
 PB118819BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	12.4	9.8	14.8

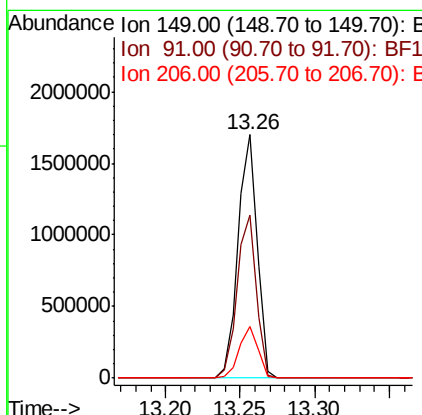
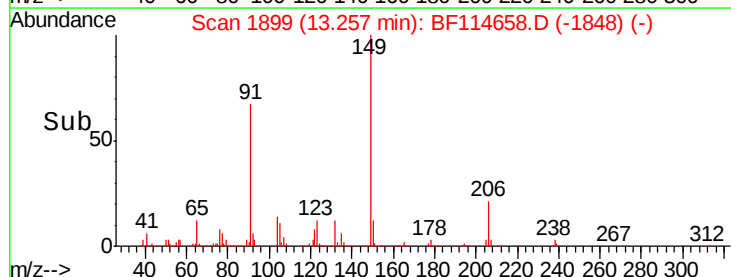
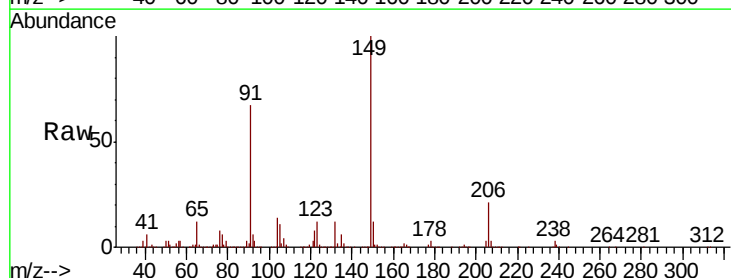
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 33.407 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.1	53.8	80.8
206	21.0	16.9	25.3





#81

Benzo(a)anthracene

Concen: 34.006 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

PB118819BSD

Tot Ion:228 Resp: 2812818

Ion Ratio Lower Upper

228 100

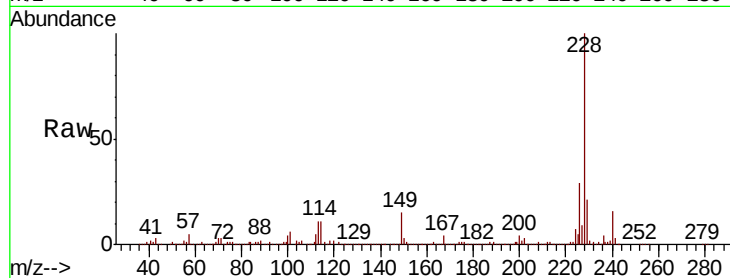
226 29.4 23.0 34.6

229 21.2 17.0 25.4

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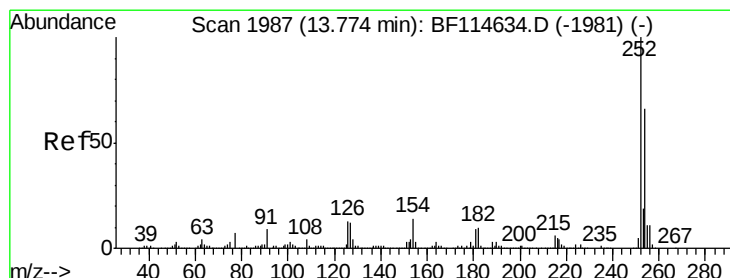
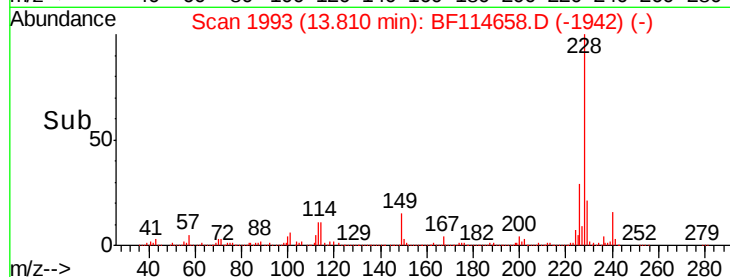
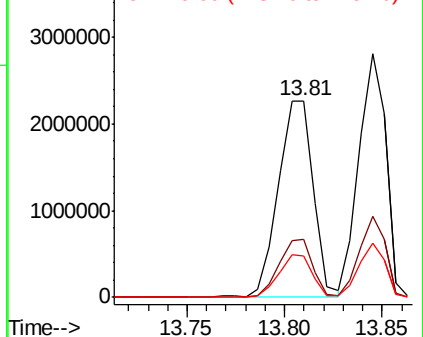


Abundance

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: 28.751 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

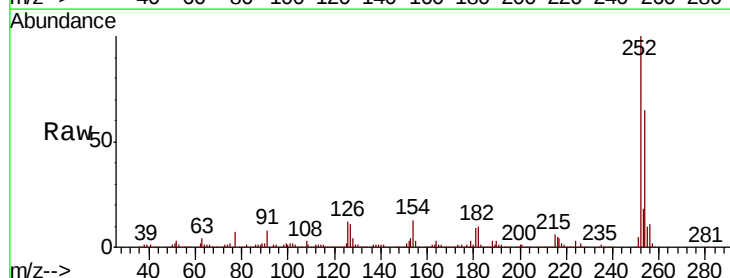
Tgt Ion:252 Resp: 918407

Ion Ratio Lower Upper

252 100

254 65.4 53.1 79.7

126 11.7 10.2 15.2

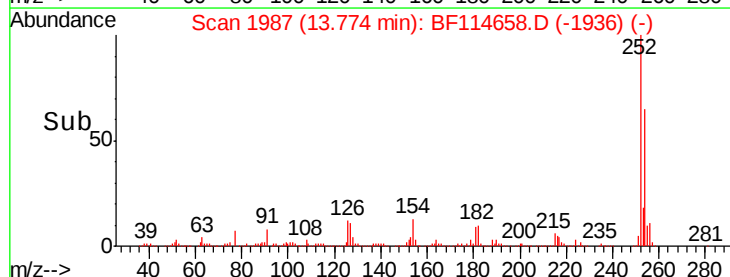
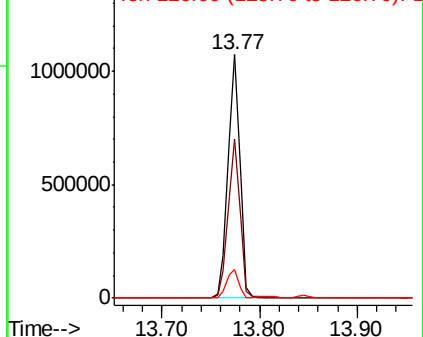


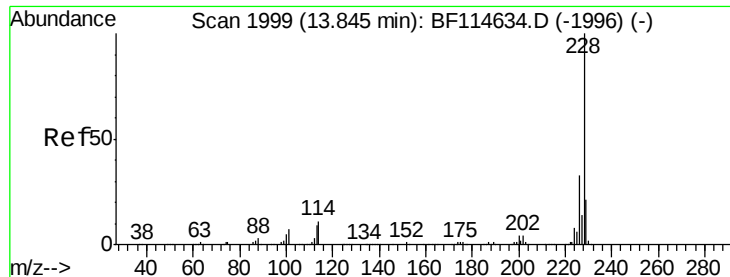
Abundance

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: 34.478 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

PB118819BSD

Tot Ion:228 Resp: 2724696

Ion Ratio Lower Upper

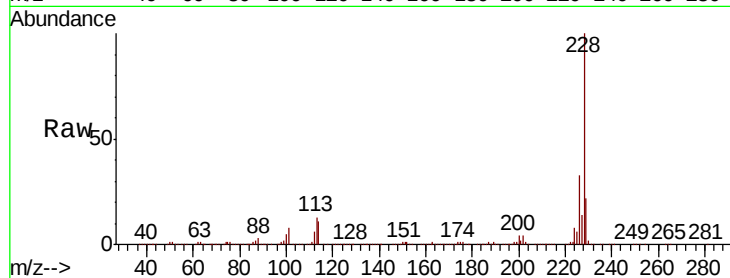
228 100

226 33.5 26.4 39.6

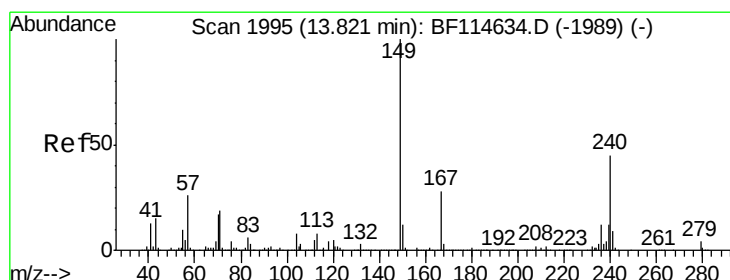
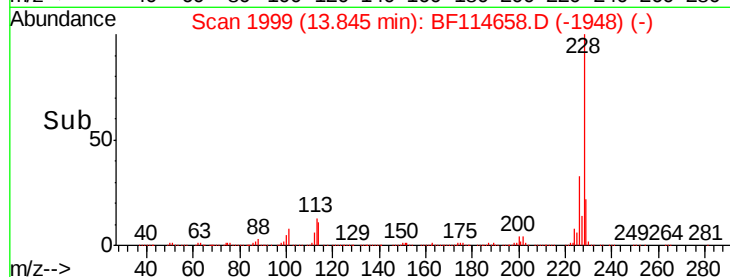
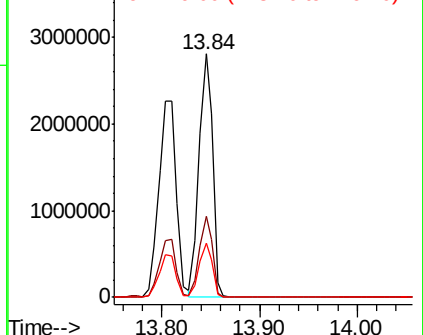
229 22.4 17.1 25.7

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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: 32.927 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

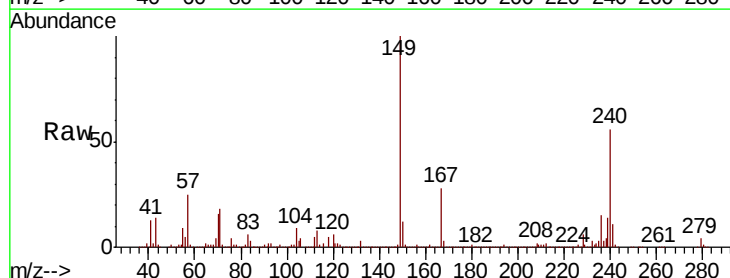
Tgt Ion:149 Resp: 1862784

Ion Ratio Lower Upper

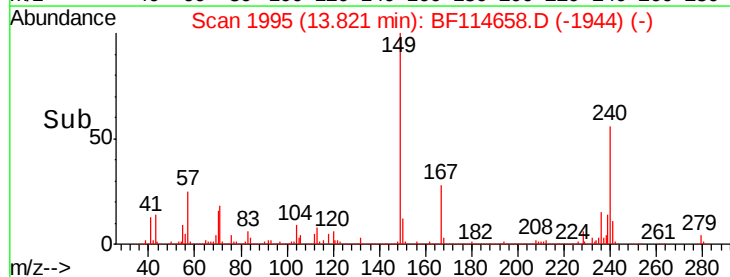
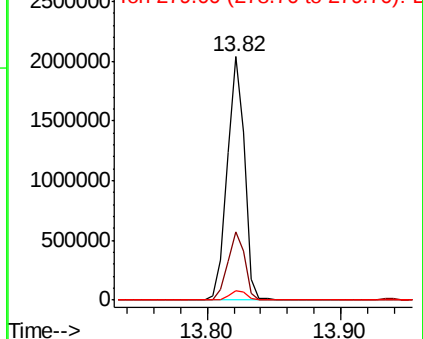
149 100

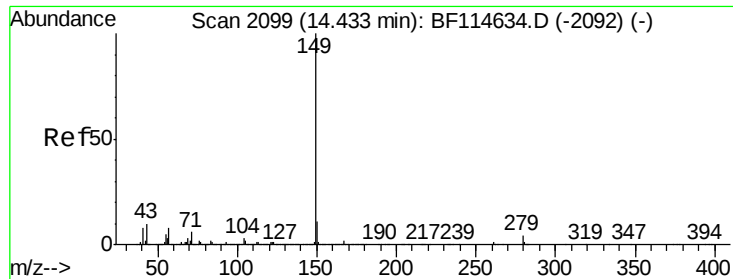
167 27.9 22.6 33.8

279 4.0 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: 33.742 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

PB118819BSD

Tot Ion:149 Resp: 3316622

Ion Ratio Lower Upper

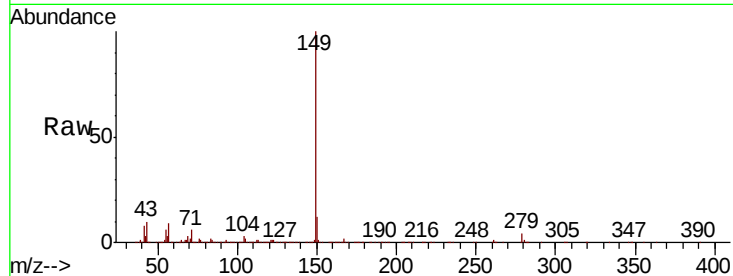
149 100

167 1.7 1.3 1.9

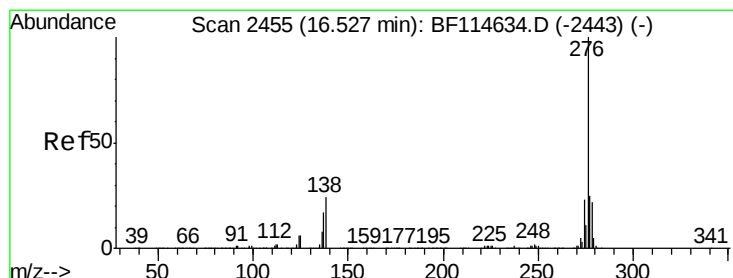
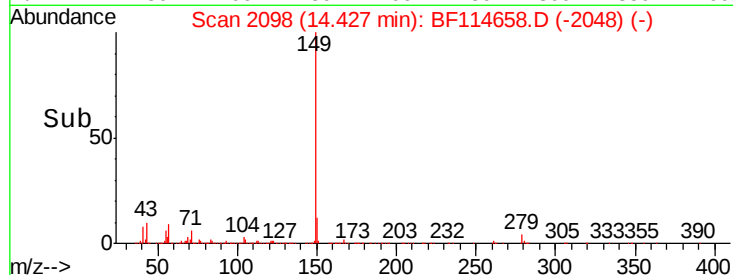
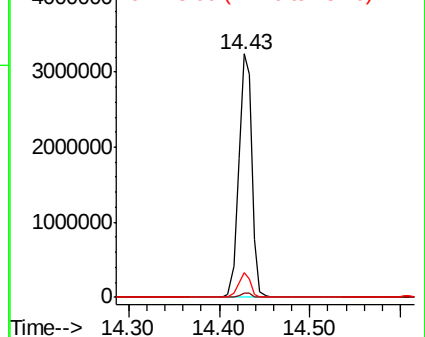
43 9.4 8.0 12.0

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.129 ng

RT: 16.53 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

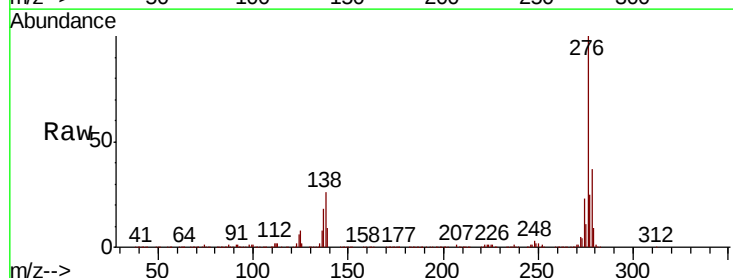
Tgt Ion:276 Resp: 2701328

Ion Ratio Lower Upper

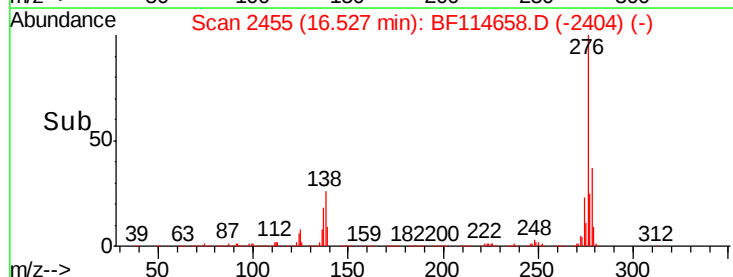
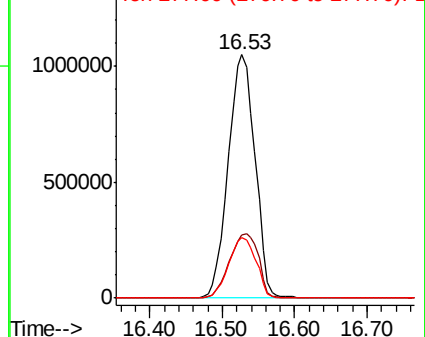
276 100

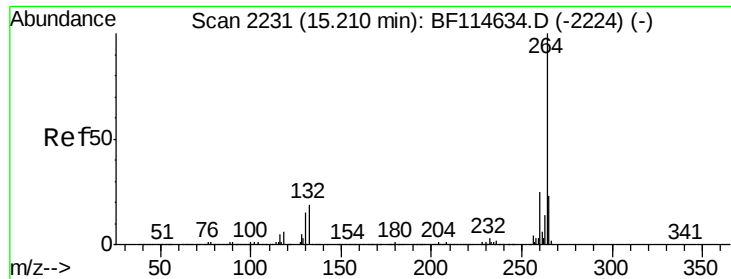
138 28.5 23.0 34.6

277 25.6 20.5 30.7



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

PB118819BSD

Tot Ion:264 Resp: 1161994

Ion Ratio Lower Upper

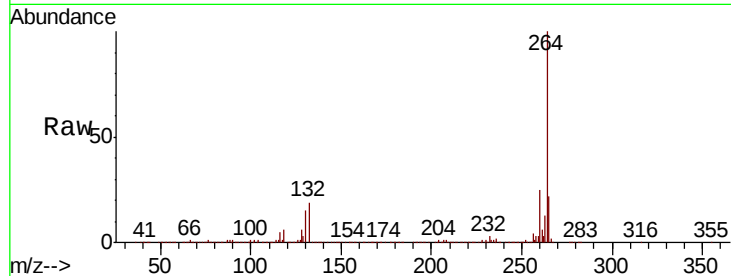
264 100

260 24.9 19.7 29.5

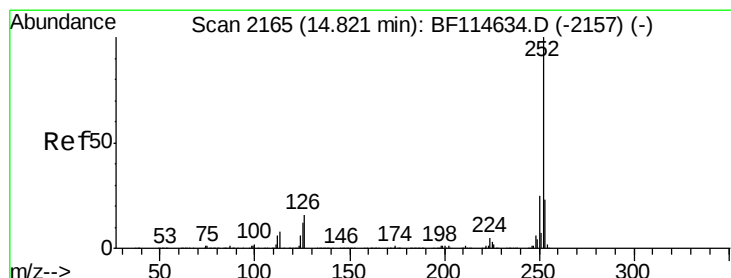
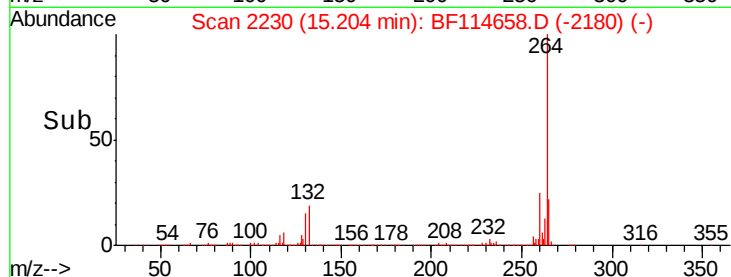
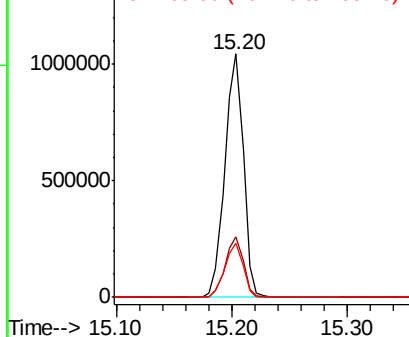
265 22.1 18.1 27.1

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.424 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

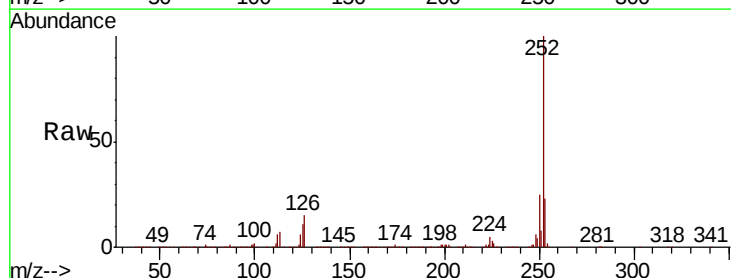
Tgt Ion:252 Resp: 3031699

Ion Ratio Lower Upper

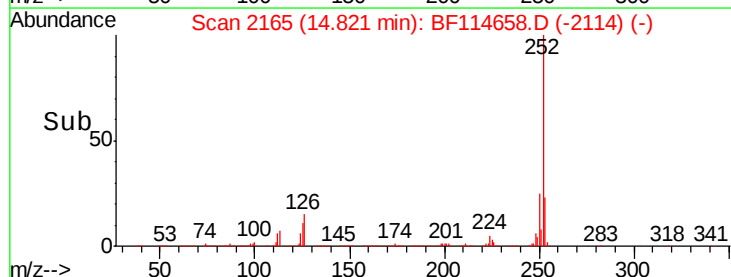
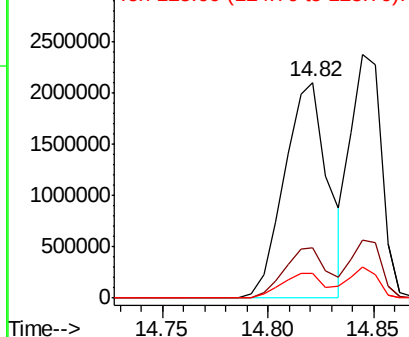
252 100

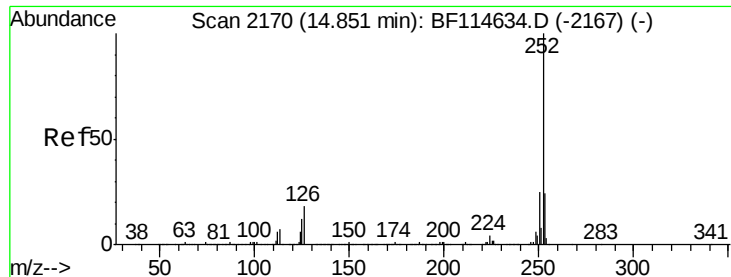
253 23.1 18.7 28.1

125 11.2 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





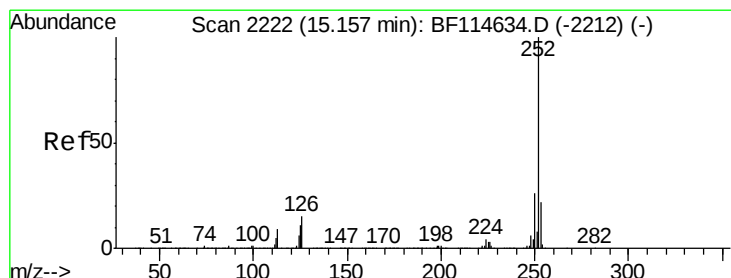
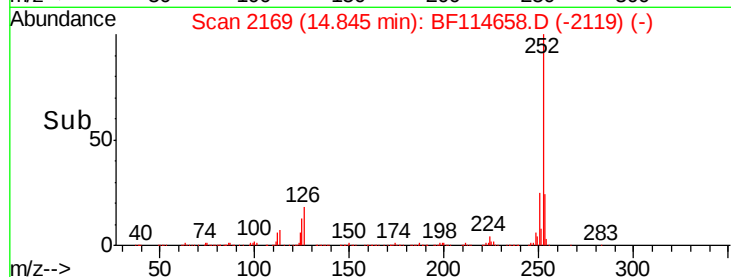
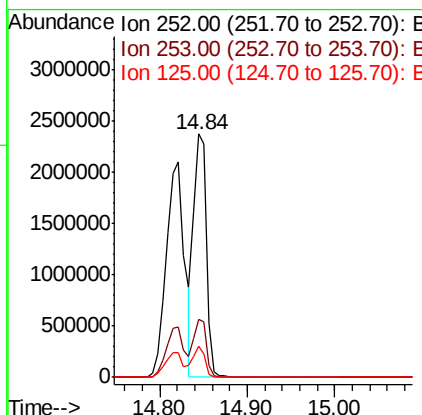
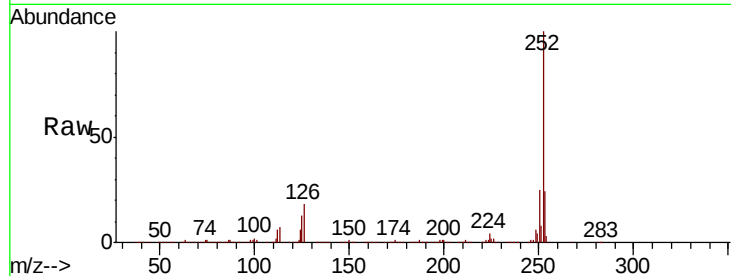
#89
Benzo(k)fluoranthene
Concen: 38.466 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	12.5	9.5	14.3

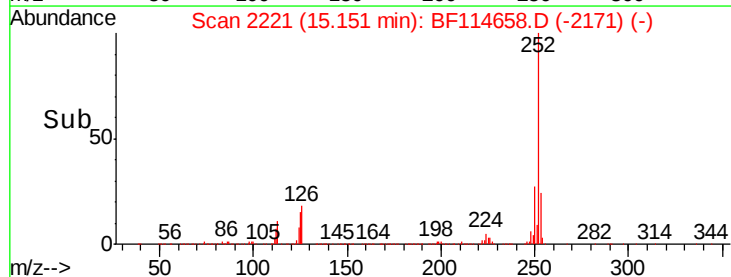
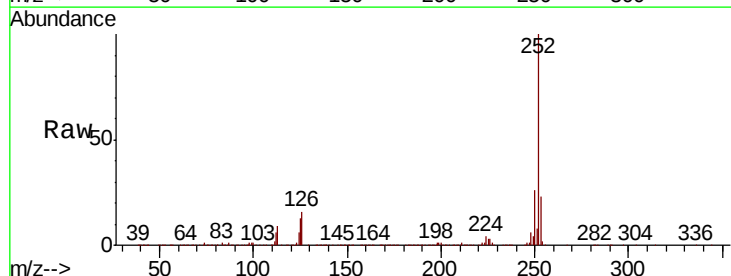
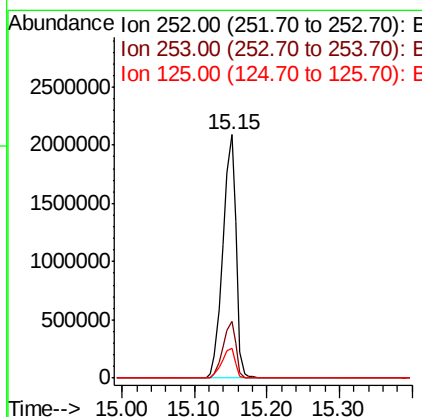
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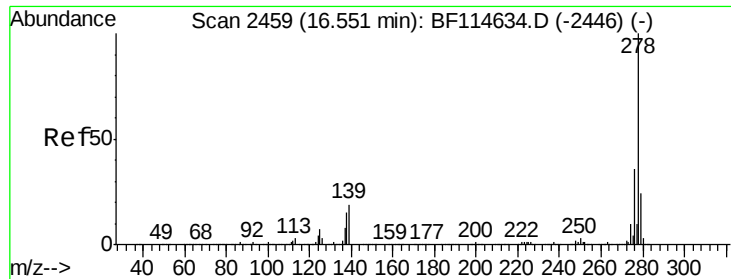
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#90
Benzo(a)pyrene
Concen: 41.089 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	12.5	9.2	13.8





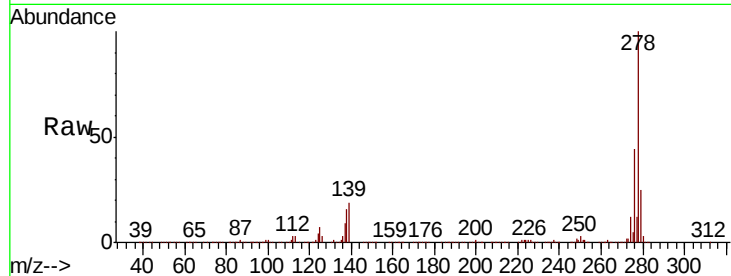
#91
Dibenzo(a,h)anthracene
Concen: 39.683 ng
RT: 16.54 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

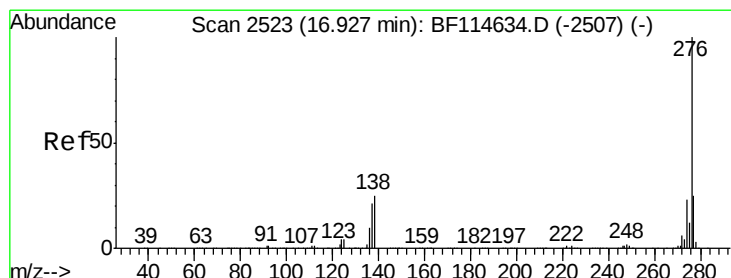
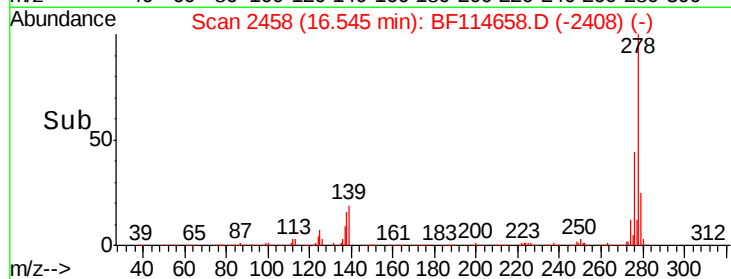
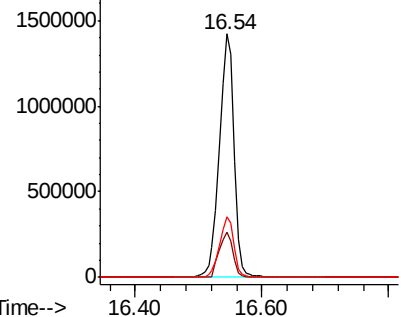
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.9	22.3
279	24.9	19.5	29.3

Manual Integrations
APPROVED

mohammad
6/3/2019 8:47:08 AM

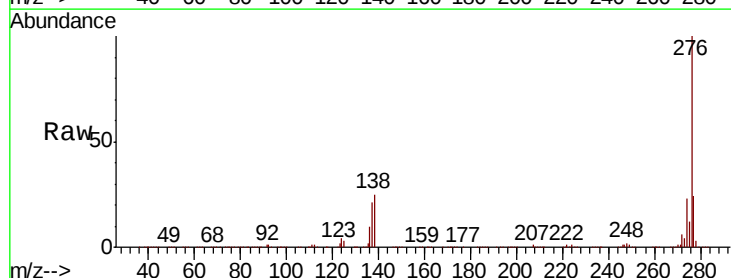


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.308 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.7	29.5
138	25.4	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

