

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
 Data File : BN006132.D
 Acq On : 06 Jun 2019 11:48
 Operator : JU/SJ
 Sample : K3016-26
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51H2

Manual Integrations
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Quant Time: Jun 06 12:24:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 07:51:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	282097	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1253010	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	673477	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1397086	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1266024	20.00	ng/ul	0.02
85) Perylene-d12	23.55	264	1438379	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	31029	4.77	ng/uL	0.00
5) Phenol-d5	6.82	99	673849	29.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	386797	30.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	510908	28.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	509954	29.20	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	247161	27.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	266773	26.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	509939	28.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	645928	30.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1435045	30.04	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1820069	29.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	200921	23.81	ng/ul	0.00
57) Fluorene-d10	15.30	176	1199006	29.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	138107	17.67	ng/ul	0.00
70) Anthracene-d10	17.16	188	1822899	30.58	ng/ul	0.00
78) Pyrene-d10	19.47	212	1999192	32.68	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.41	264	2005177	31.31	ng/ul	0.05

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.18	88	119070	17.692	ng/uL 95
8) Bis(2-Chloroethyl)ether	7.08	93	735980	41.167	ng/ul 98
10) 2-Chlorophenol	7.21	128	617433	33.391	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.18	45	814402	34.088	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.45	70	296963	21.210	ng/ul 99
17) Hexachloroethane	8.72	117	210640	27.088	ng/ul 98
20) Nitrobenzene	8.84	77	649159	30.688	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.85	93	682759	27.209	ng/ul 98
27) 2,4-Dichlorophenol	10.08	162	518852	29.686	ng/ul 99
28) Naphthalene	10.48	128	1382305	23.392	ng/ul 99
31) Hexachlorobutadiene	10.76	225	209204	18.723	ng/ul 98
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	244919	12.149	ng/ul 96
37) Hexachlorocyclopentadiene	12.45	237	172756	15.005	ng/ul 97
38) 2,4,6-Trichlorophenol	12.72	196	502732	38.972	ng/ul 99
39) 2,4,5-Trichlorophenol	12.79	196	352999	25.658	ng/ul 97
41) 2-Chloronaphthalene	13.17	162	993117	25.391	ng/ul 99
44) Dimethylphthalate	13.76	163	1642832	34.667	ng/ul 100
45) 2,6-Dinitrotoluene	13.89	165	156296	16.243	ng/ul 97
47) Acenaphthylene	14.02	152	1303345	21.463	ng/ul 99
49) Acenaphthene	14.36	153	789844	19.330	ng/ul 100
53) Dibenzofuran	14.70	168	1218171	21.126	ng/ul 98
54) 2,4-Dinitrotoluene	14.68	165	181601	13.444	ng/ul 98
56) Diethylphthalate	15.13	149	1113786	23.469	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

58) Fluorene	15.36	166	1013322	22.447	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	293433	13.039	ng/ul	98
65) 4-Bromophenyl-phenylether	16.25	248	263452	19.200	ng/ul	99
66) Hexachlorobenzene	16.36	284	208253	13.819	ng/ul	97
68) Pentachlorophenol	16.71	266	240199	28.029	ng/ul	96
71) Anthracene	17.19	178	2322976	33.177	ng/ul	100
74) Carbazole	17.46	167	1992419	31.856	ng/ul	100
75) Di-n-butylphthalate	18.03	149	2213533	27.823	ng/ul	99
80) Butylbenzylphthalate	20.42	149	1137589	31.230	ng/ul	97
82) Benzo(a)anthracene	21.28	228	1971869	25.334	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	1051466	19.992	ng/ul	99
86) Di-n-octyl phthalate	22.12	149	3438233	39.617	ng/ul	100
87) Benzo(b)fluoranthene	22.88	252	1005175m	13.109	ng/ul	
88) Benzo(k)fluoranthene	22.93	252	2776280	36.988	ng/ul	98
93) Benzo(a,h,i)perylene	26.48	276	1664326	21.664	ng/ul	97

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

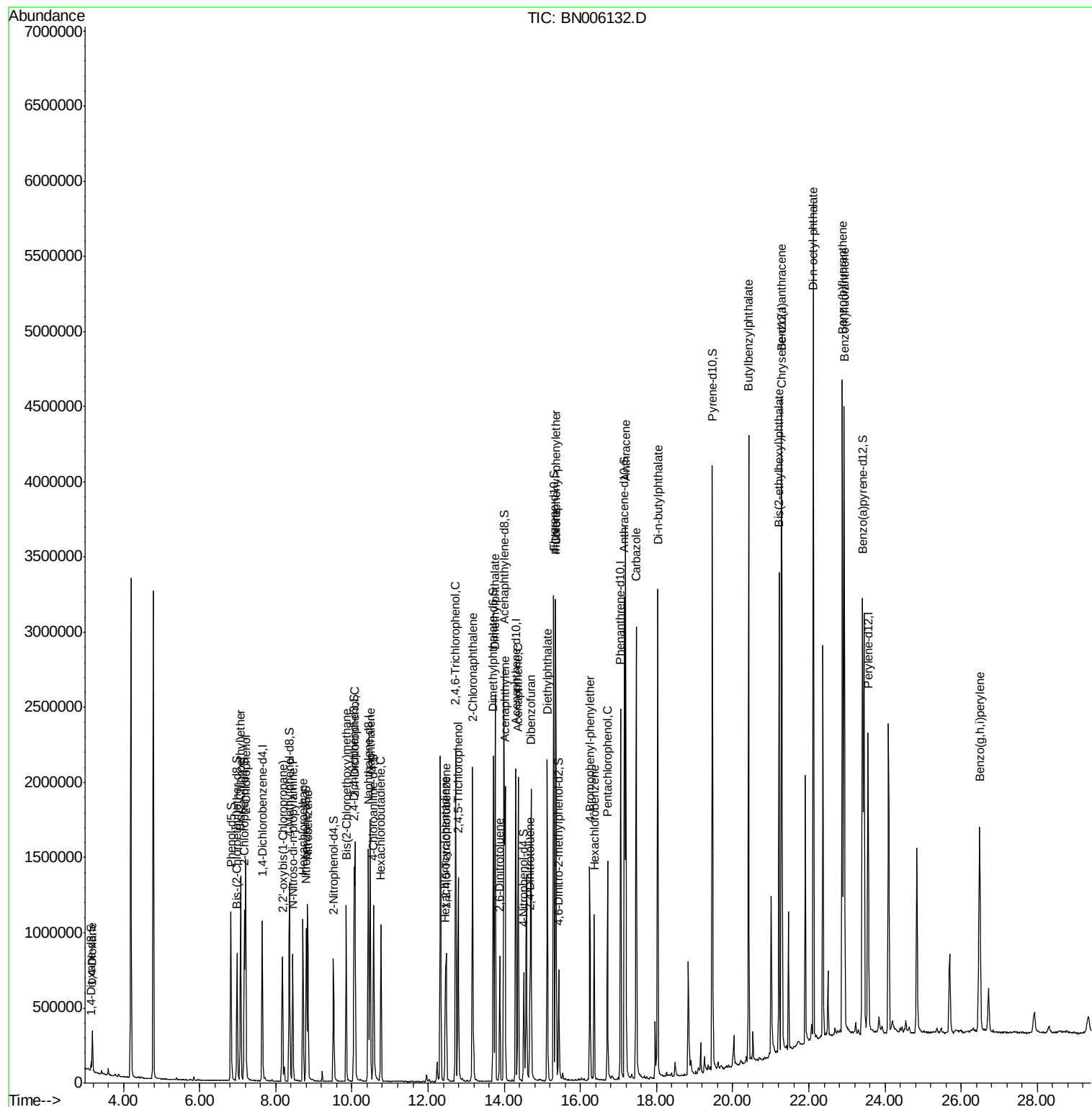
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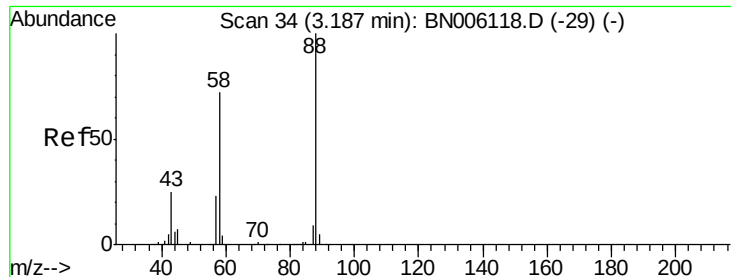
Instrument :
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#2

1,4-Dioxane

Concen: 17.692 ng/uL

RT: 3.18 min Scan# 33

Delta R.T. -0.01 min

Lab File: BN006132.D

Acq: 06 Jun 2019 11:48

Instrument :

BNA_N

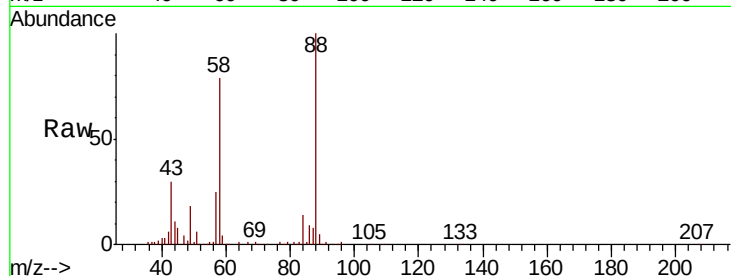
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A51H2

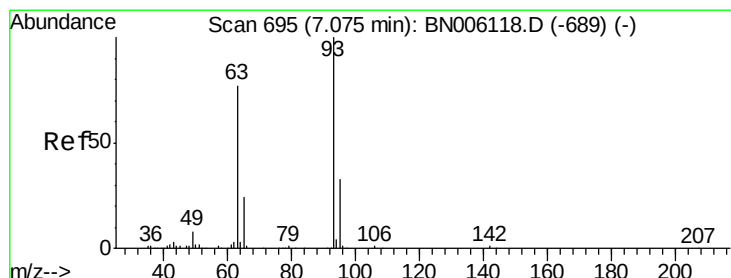
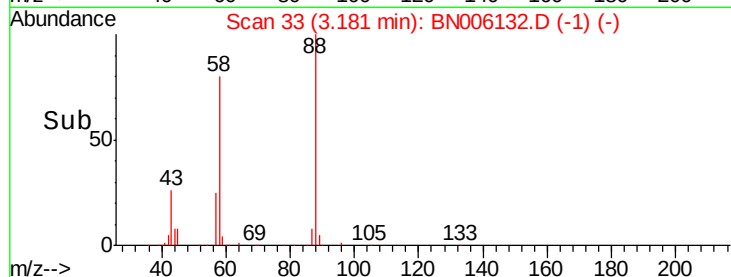
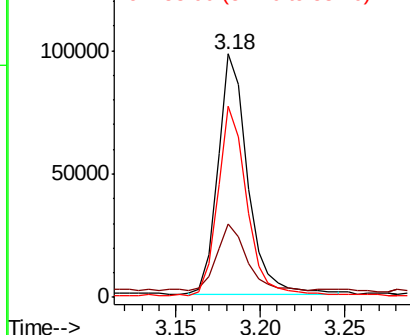
Tot Ion:	88	Resp:	119070
Ion	Ratio	Lower	Upper
88	100		
43	30.4	23.9	35.9
58	78.6	58.3	87.5

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Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#8

Bis(2-Chloroethyl)ether

Concen: 41.167 ng/uL

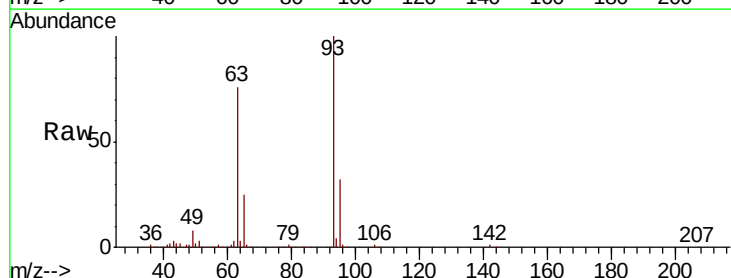
RT: 7.08 min Scan# 695

Delta R.T. 0.00 min

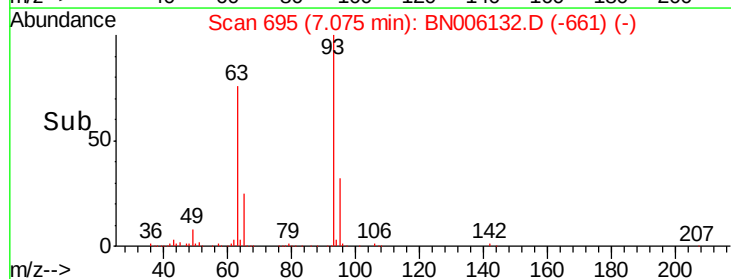
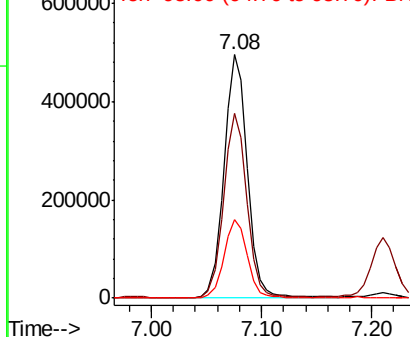
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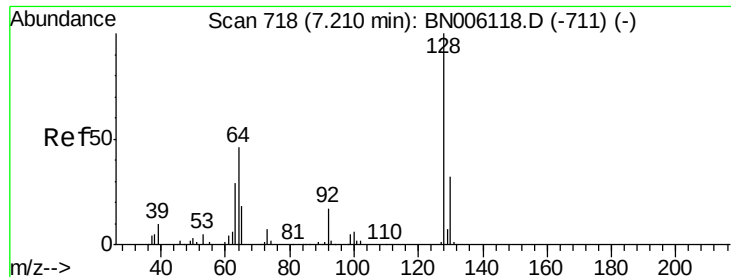
Acq: 06 Jun 2019 11:48

Tgt Ion:	93	Resp:	735980
Ion	Ratio	Lower	Upper
93	100		
63	76.1	59.4	89.2
95	32.4	26.8	40.2



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





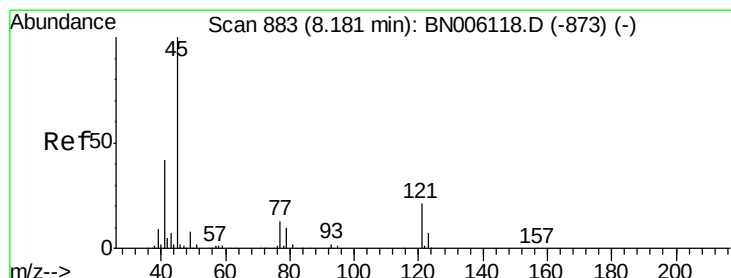
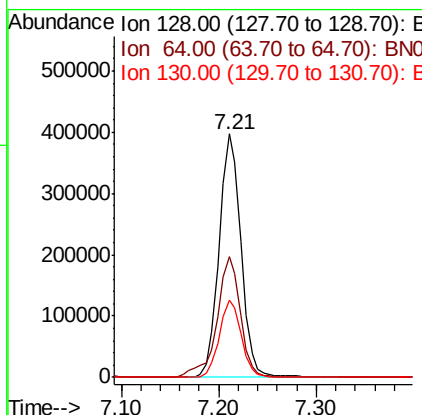
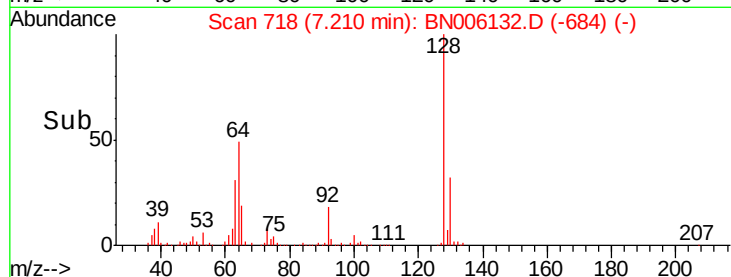
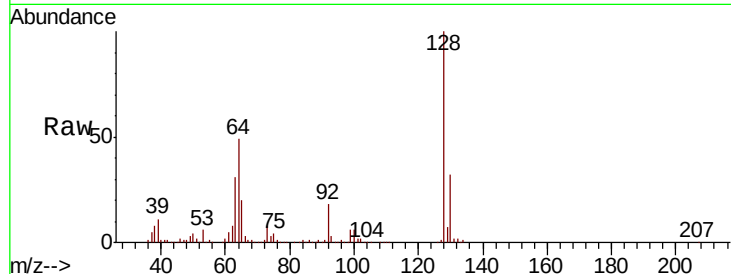
#10
2-Chlorophenol
Concen: 33.391 ng/ul
RT: 7.21 min Scan# 718
Delta R.T. 0.00 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Instrument :
BNA_N
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
128	100		
64	49.3	37.1	55.7
130	31.7	25.8	38.8

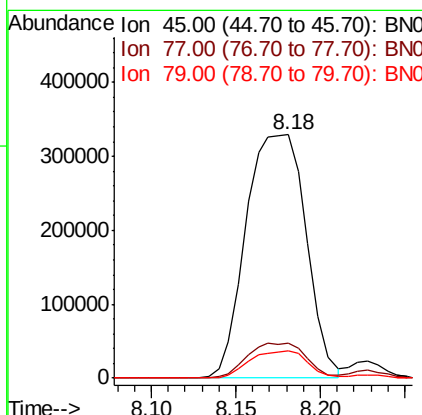
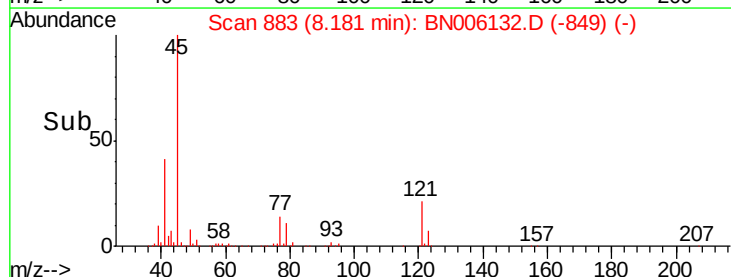
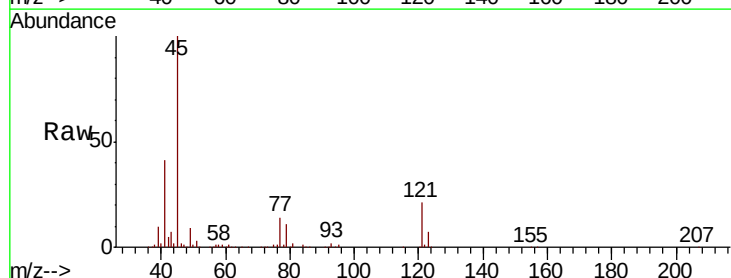
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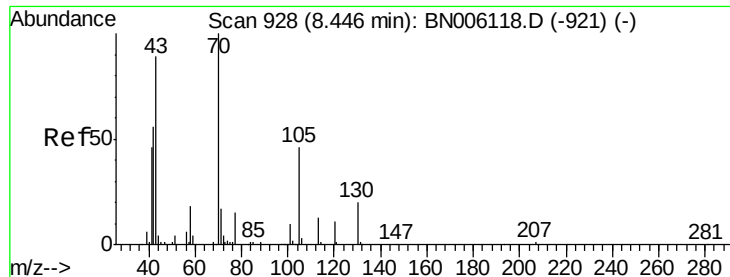
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#12
2,2'-oxybis(1-Chloropropane)
Concen: 34.088 ng/ul
RT: 8.18 min Scan# 883
Delta R.T. 0.00 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	12.0	18.0
79	11.0	9.3	13.9





#15

N-Nitroso-di-n-propylamine

Concen: 21.210 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. 0.00 min

Lab File: BN006132.D

Acq: 06 Jun 2019 11:48

Instrument :

BNA_N

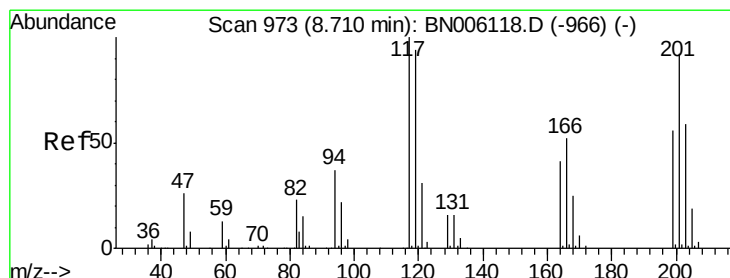
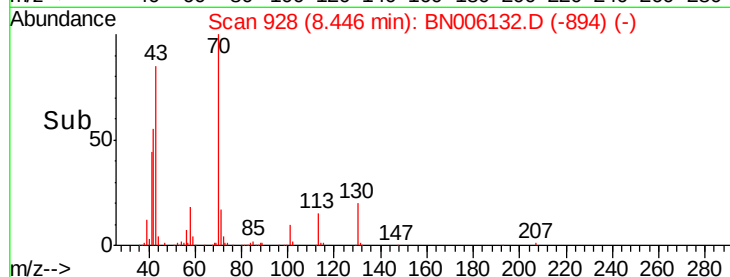
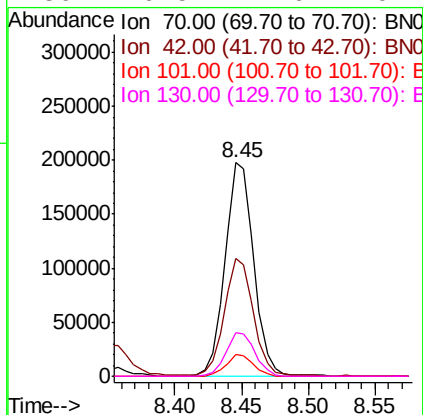
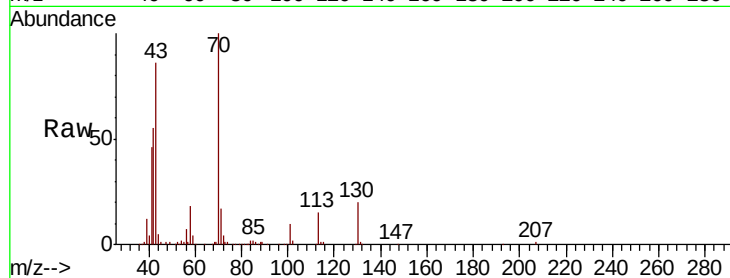
ClientSampleId :

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Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.0	44.2	66.4	
101	10.0	7.9	11.9	
130	20.5	17.6	26.4	

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#17

Hexachloroethane

Concen: 27.088 ng/ul

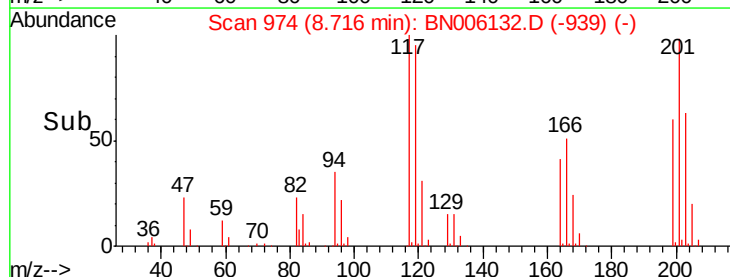
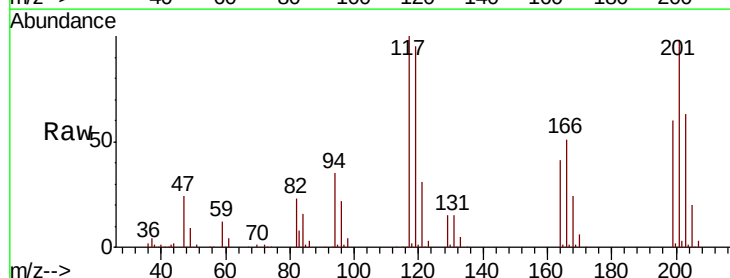
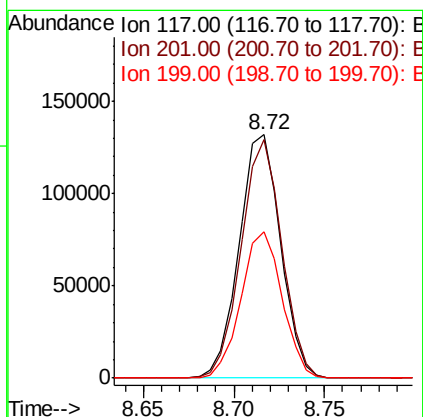
RT: 8.72 min Scan# 974

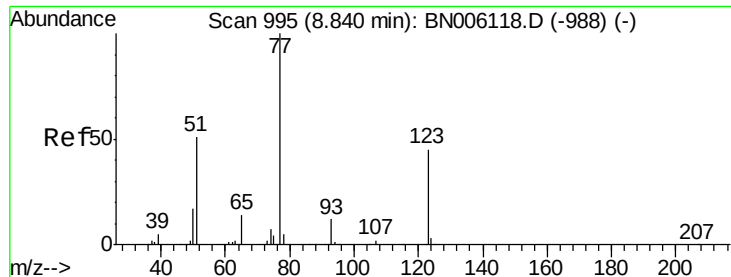
Delta R.T. 0.01 min

Lab File: BN006132.D

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Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	98.1	79.0	118.4	
199	60.3	51.0	76.4	





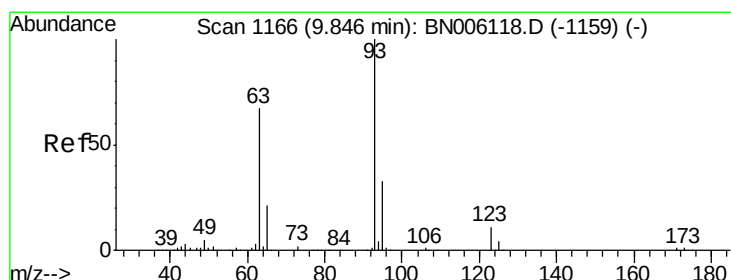
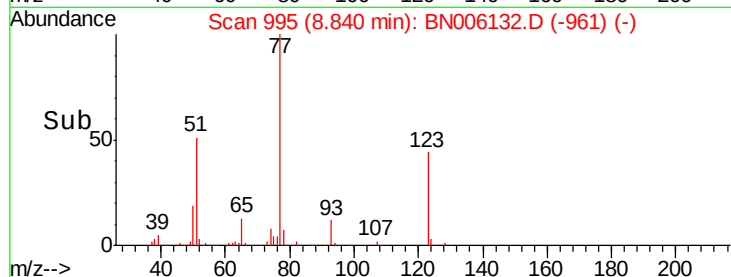
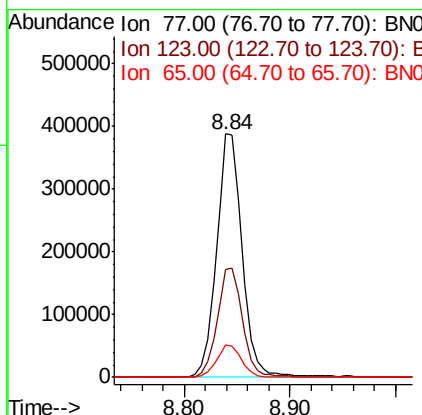
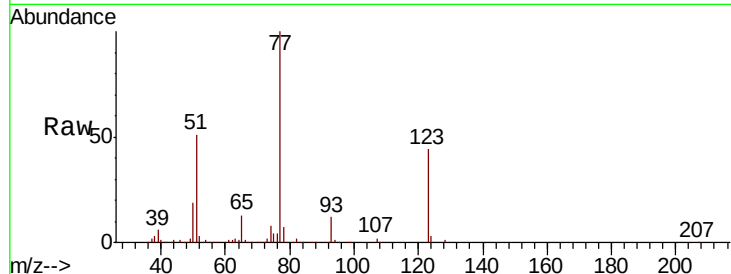
#20
Nitrobenzene
Concen: 30.688 ng/ul
RT: 8.84 min Scan# 995
Delta R.T. 0.00 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Instrument :
BNA_N
ClientSampled :
A51H2

Tot Ion	Ratio	Lower	Upper
77	100		
123	44.3	35.5	53.3
65	13.4	10.7	16.1

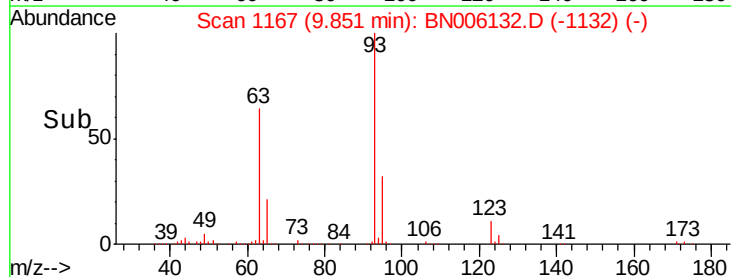
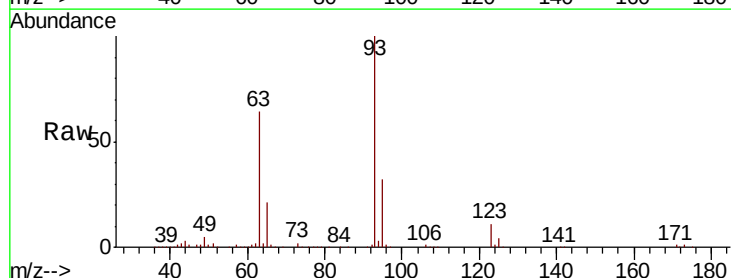
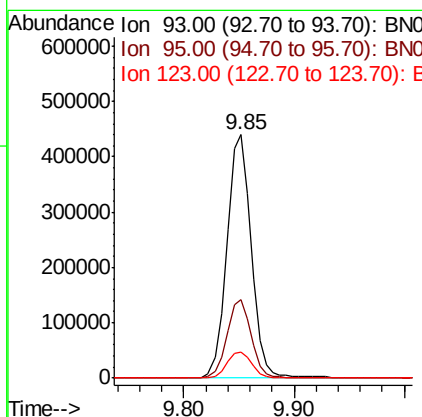
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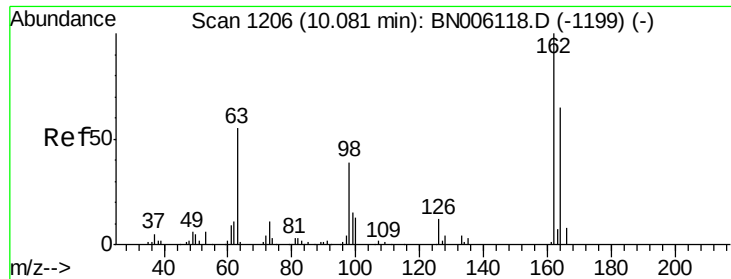
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#25
Bis(2-Chloroethoxy)methane
Concen: 27.209 ng/ul
RT: 9.85 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.7	40.1
123	10.9	8.6	13.0





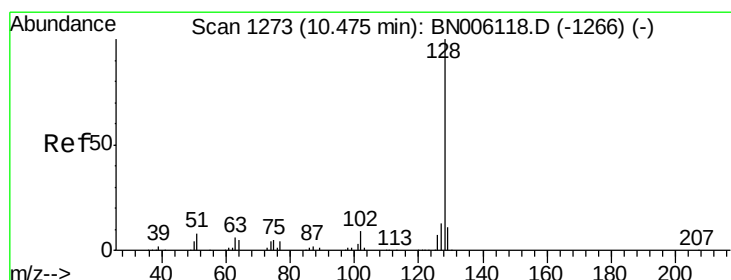
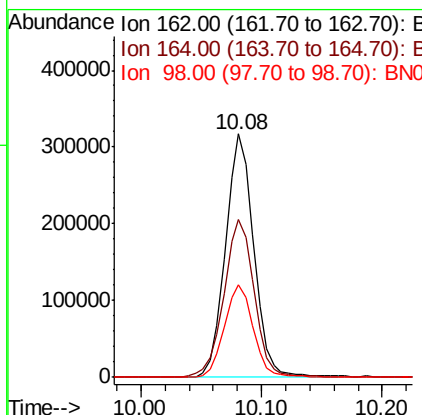
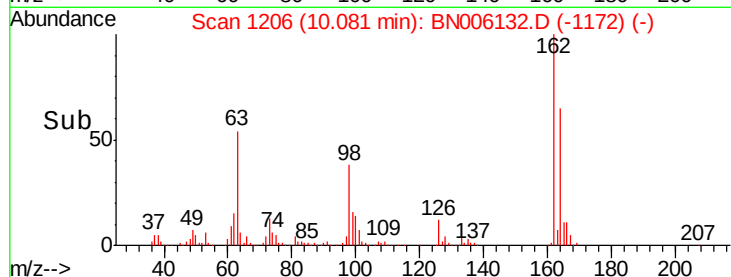
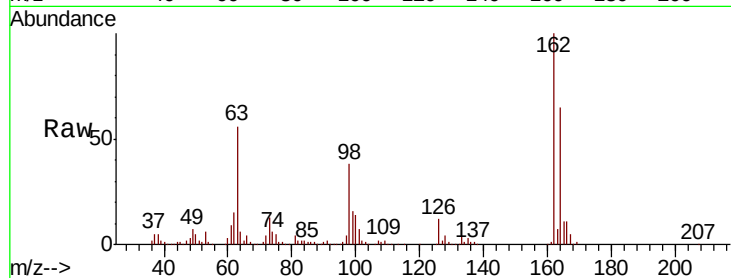
#27
2,4-Dichlorophenol
Concen: 29.686 ng/ul
RT: 10.08 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

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A51H2

Tot Ion	Ratio	Resp	Lower	Upper
162	100	518852		
164	65.1	53.0	79.4	
98	38.0	30.9	46.3	

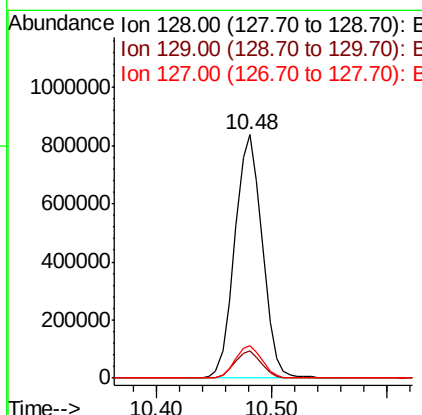
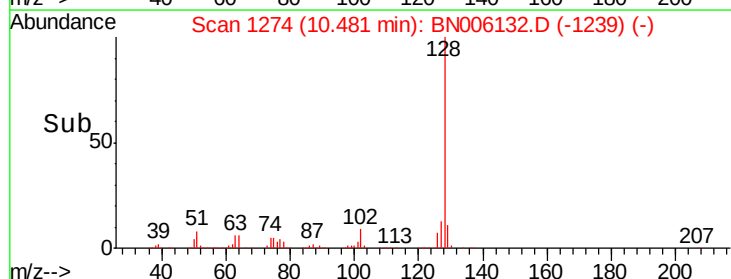
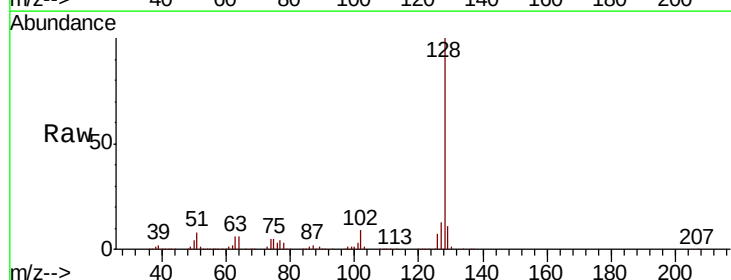
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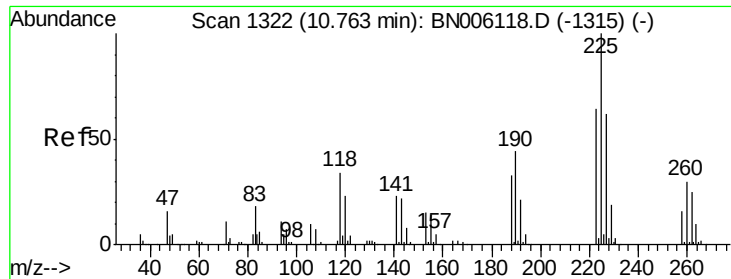
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#28
Naphthalene
Concen: 23.392 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BN006132.D
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1382305		
129	11.0	8.5	12.7	
127	13.1	10.3	15.5	





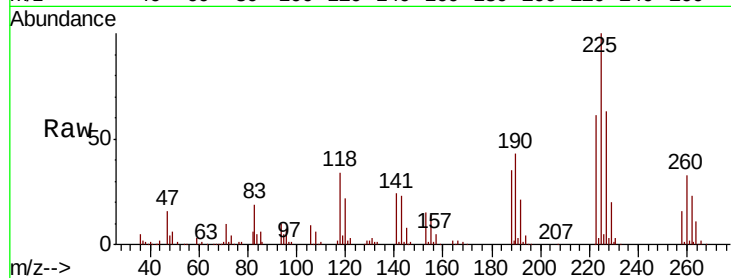
#31
Hexachlorobutadiene
Concen: 18.723 ng/ul
RT: 10.76 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BN006132.D
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Tot Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.1	75.1
227	63.4	48.7	73.1

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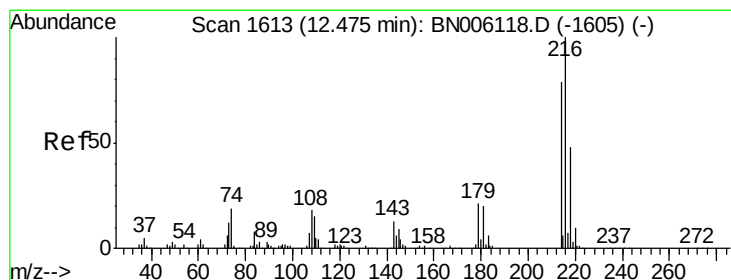
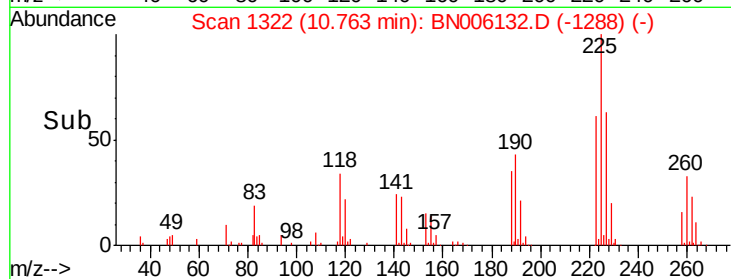
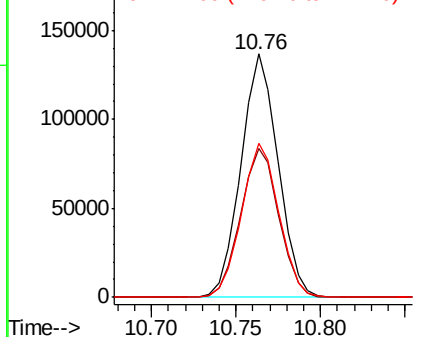


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#36
1,2,4,5-Tetrachlorobenzene
Concen: 12.149 ng/ul
RT: 12.47 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	62.0	93.0
179	22.2	16.9	25.3
108	19.9	13.6	20.4

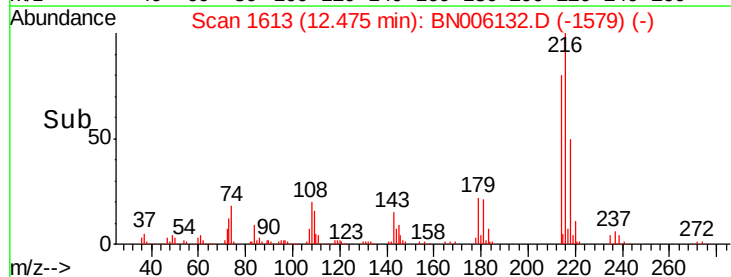
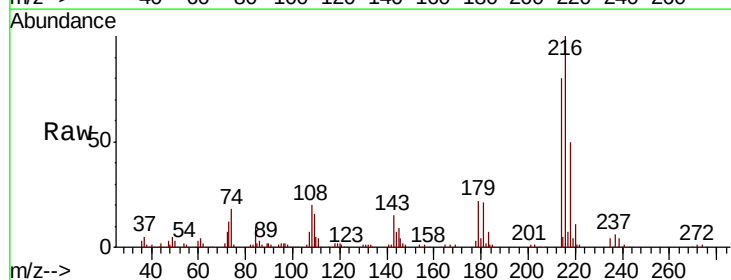
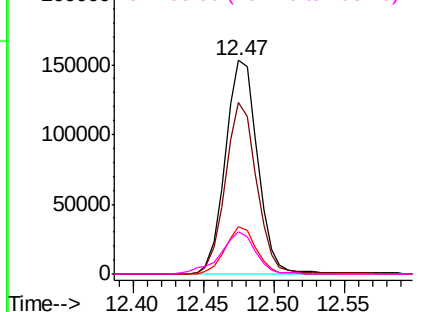
Abundance

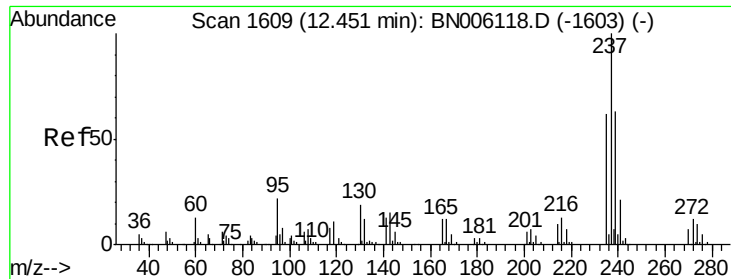
Ion 216.00 (215.70 to 216.70): E

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





#37

Hexachlorocyclopentadiene

Concen: 15.005 ng/ul

RT: 12.45 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BN006132.D

Acq: 06 Jun 2019 11:48

Instrument :

BNA_N

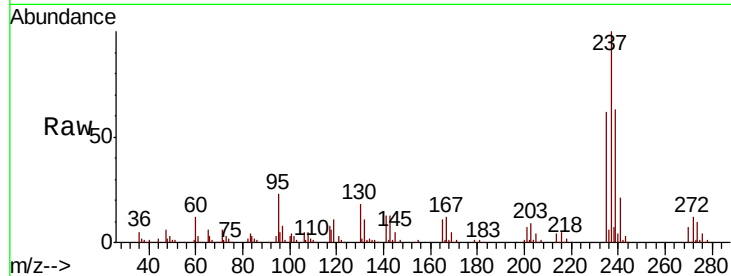
ClientSampleId :

A51H2

Tot Ion:	237	Resp:	172756
Ion Ratio	Lower	Upper	
237	100		
235	61.6	51.4	77.2
272	12.5	10.9	16.3

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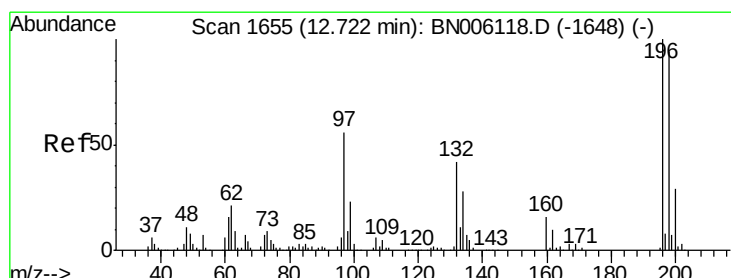
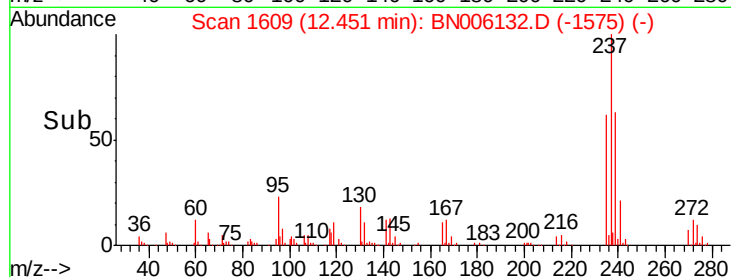
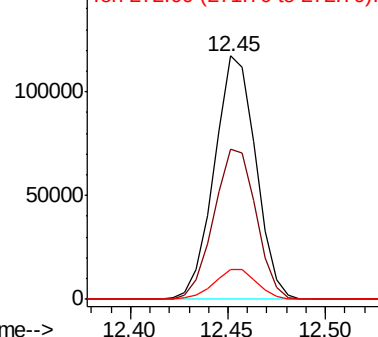


Abundance

Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 38.972 ng/ul

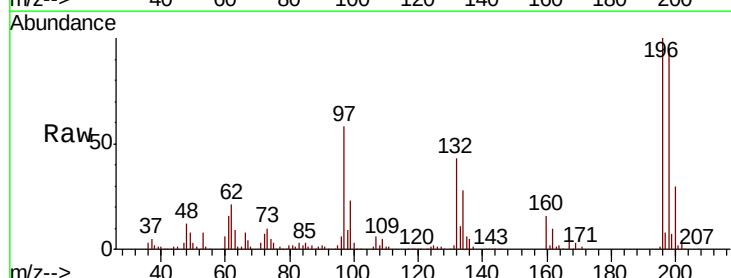
RT: 12.72 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BN006132.D

Acq: 06 Jun 2019 11:48

Tgt Ion:	196	Resp:	502732
Ion Ratio	Lower	Upper	
196	100		
198	95.0	76.6	115.0
200	30.5	24.9	37.3

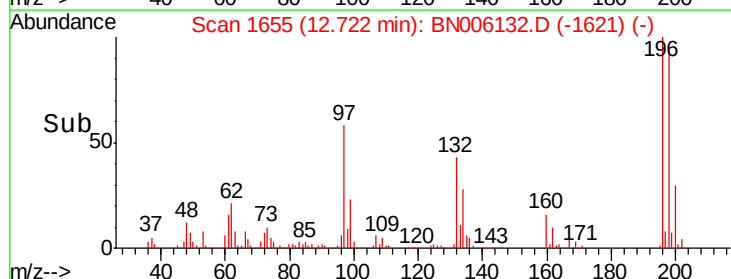
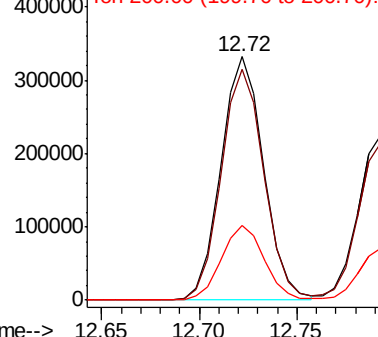


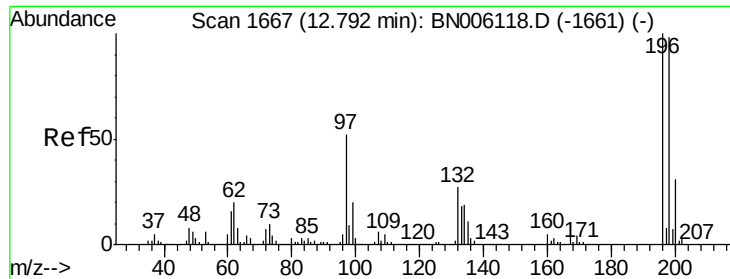
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





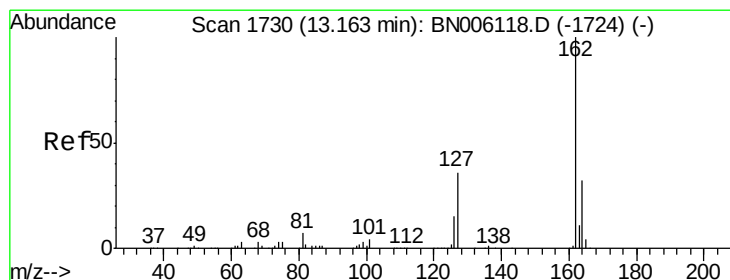
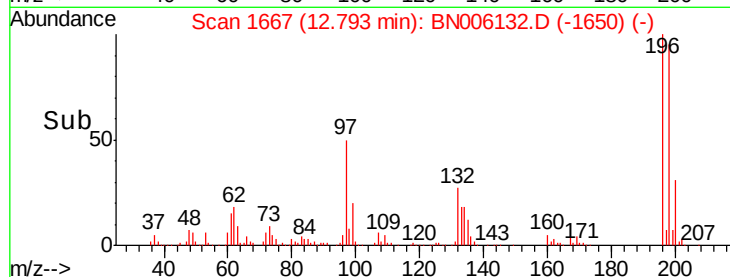
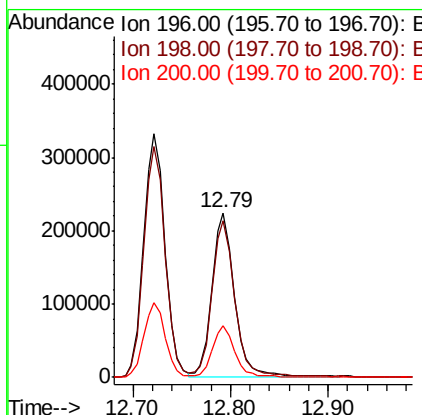
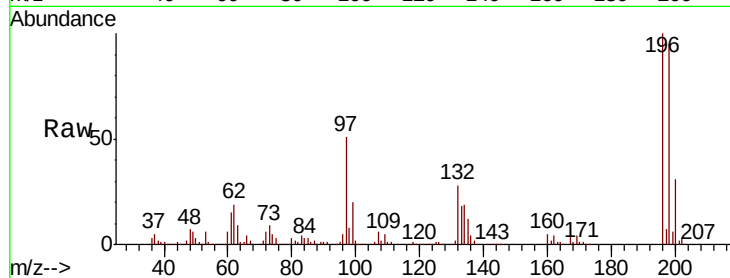
#39
 2,4,5-Trichlorophenol
 Concen: 25.658 ng/ul
 RT: 12.79 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BN006132.D
 Acq: 06 Jun 2019 11:48

Instrument :
 BNA_N
 ClientSampled :
 A51H2

Tot Ion	Ratio	Resp	Lower	Upper
196	100	352999		
198	95.2	73.8	110.6	
200	31.1	25.2	37.8	

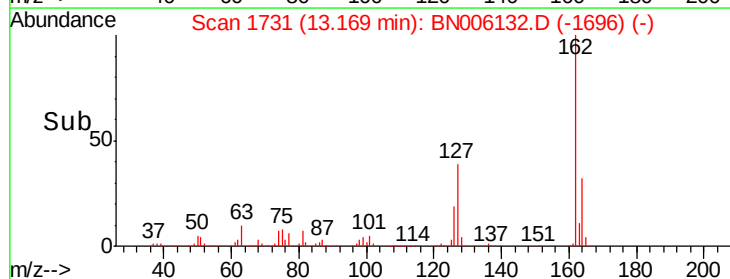
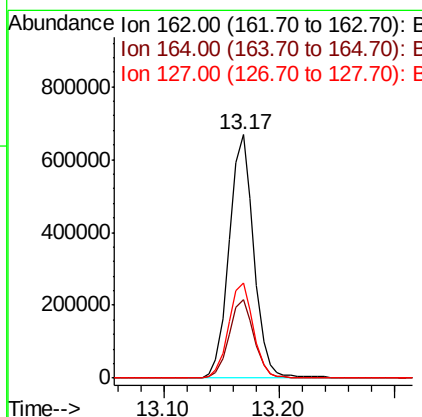
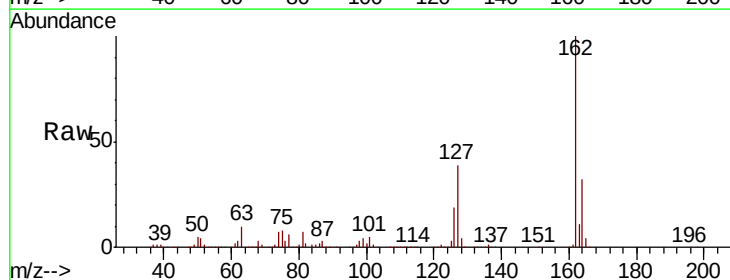
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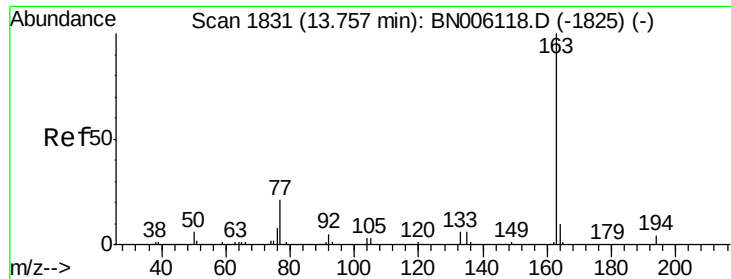
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#41
 2-Chloronaphthalene
 Concen: 25.391 ng/ul
 RT: 13.17 min Scan# 1731
 Delta R.T. 0.01 min
 Lab File: BN006132.D
 Acq: 06 Jun 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	993117		
164	32.2	25.8	38.8	
127	39.2	32.3	48.5	





#44

Dimethylphthalate

Concen: 34.667 ng/ul

RT: 13.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BN006132.D

Acq: 06 Jun 2019 11:48

Instrument :

BNA_N

ClientSampleId :

A51H2

Tot Ion:163 Resp: 1642832

Ion Ratio Lower Upper

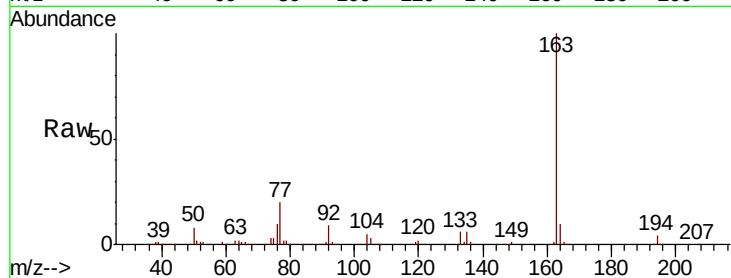
163 100

194 4.2 3.4 5.2

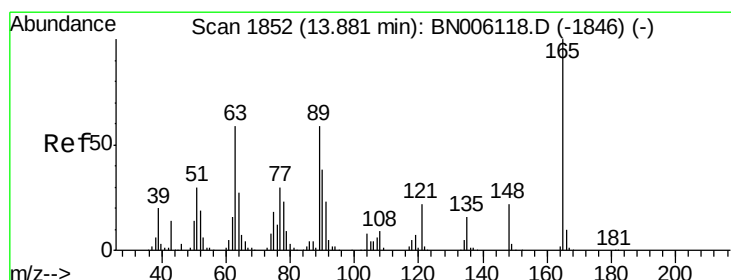
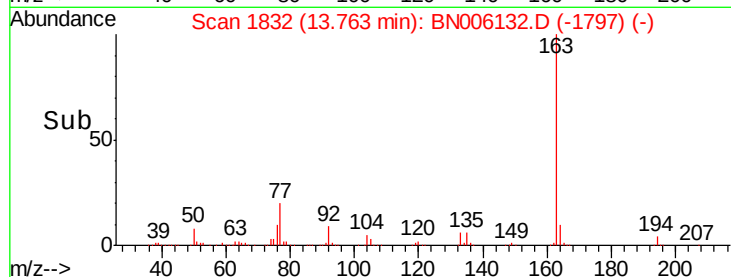
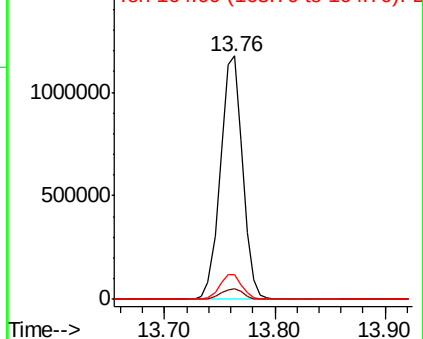
164 10.1 8.2 12.2

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 16.243 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BN006132.D

Acq: 06 Jun 2019 11:48

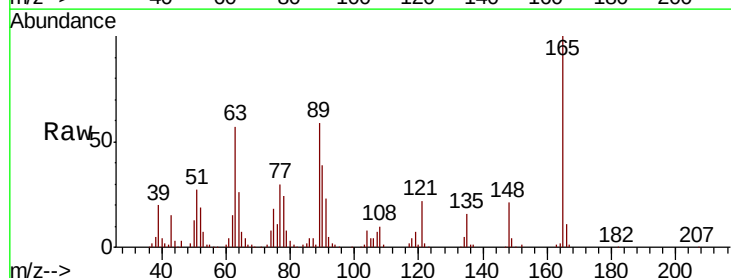
Tgt Ion:165 Resp: 156296

Ion Ratio Lower Upper

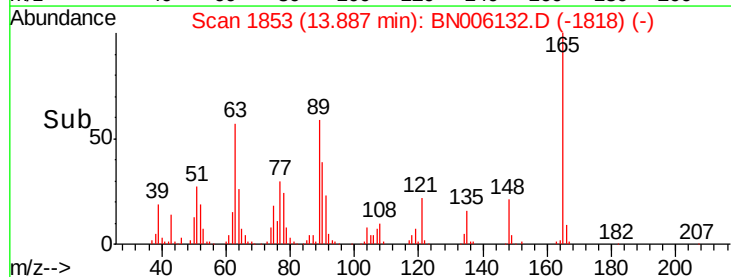
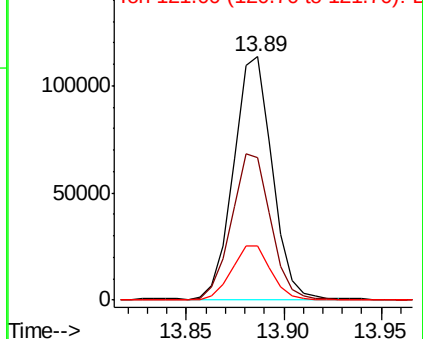
165 100

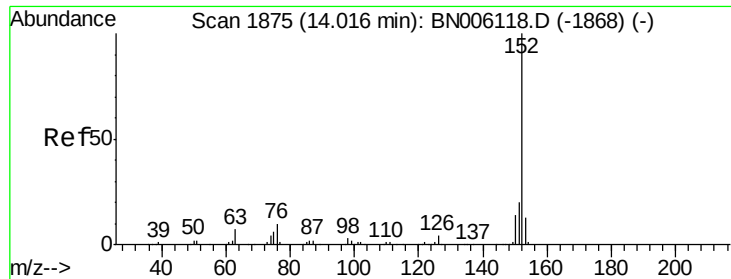
89 58.7 45.4 68.0

121 22.3 16.0 24.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BNC
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 21.463 ng/ul

RT: 14.02 min Scan# 1876

Delta R.T. 0.01 min

Lab File: BN006132.D

Acq: 06 Jun 2019 11:48

Instrument :

BNA_N

ClientSampleId :

A51H2

Tot Ion:152 Resp: 1303345

Ion Ratio Lower Upper

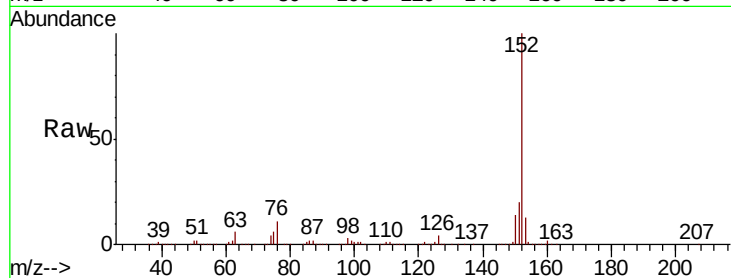
152 100

151 20.1 15.7 23.5

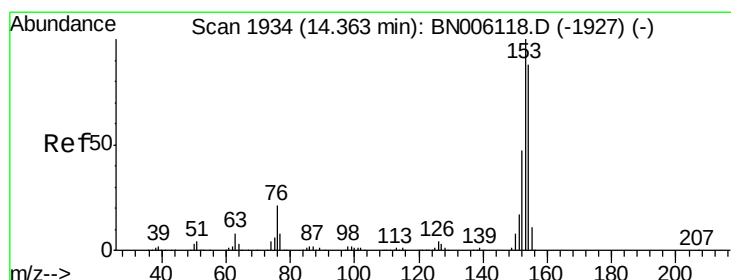
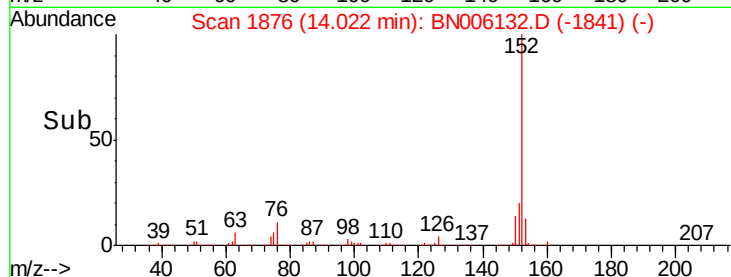
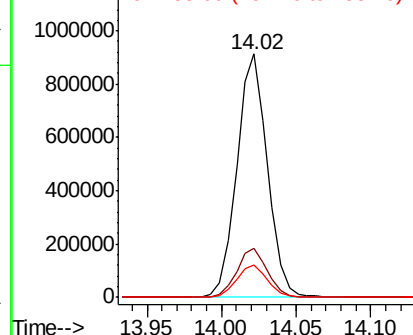
153 13.2 10.9 16.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 19.330 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BN006132.D

Acq: 06 Jun 2019 11:48

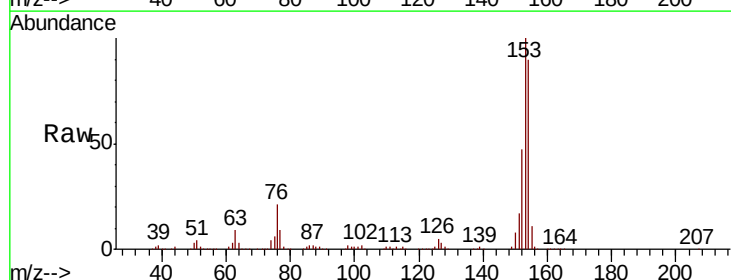
Tgt Ion:153 Resp: 789844

Ion Ratio Lower Upper

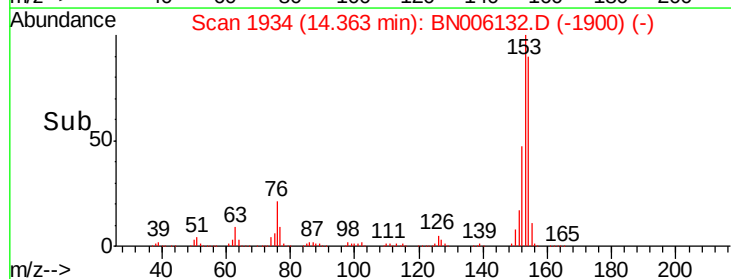
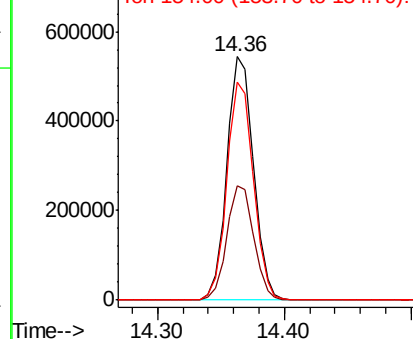
153 100

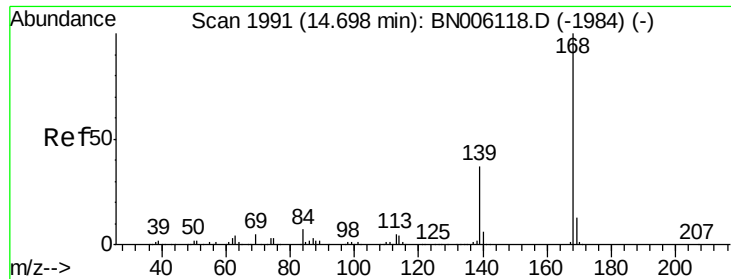
152 47.0 37.9 56.9

154 89.7 71.4 107.2



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





#53

Dibenzofuran

Concen: 21.126 ng/ul

RT: 14.70 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BN006132.D

Acq: 06 Jun 2019 11:48

Instrument :

BNA_N

ClientSampled :

A51H2

Tot Ion:168 Resp: 1218171

Ion Ratio Lower Upper

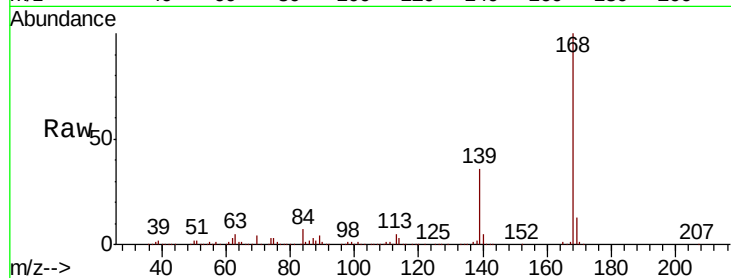
168 100

139 36.1 30.0 45.0

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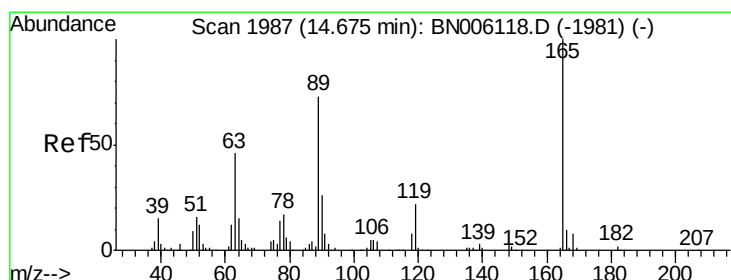
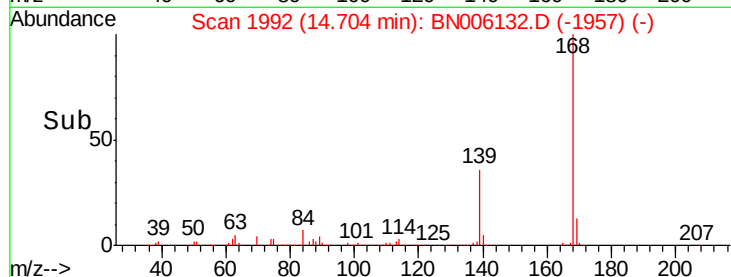
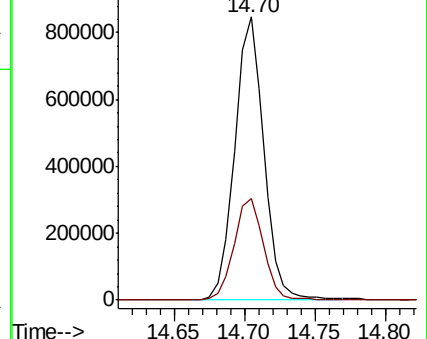
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 13.444 ng/ul

RT: 14.68 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BN006132.D

Acq: 06 Jun 2019 11:48

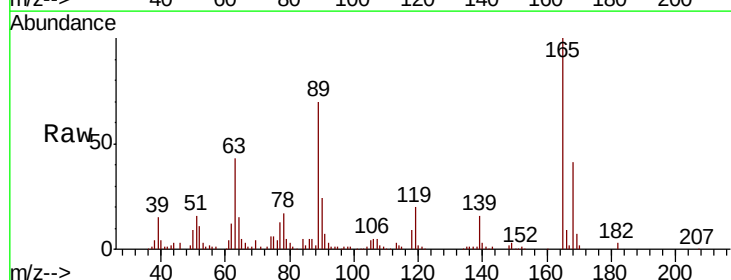
Tgt Ion:165 Resp: 181601

Ion Ratio Lower Upper

165 100

63 43.3 33.8 50.8

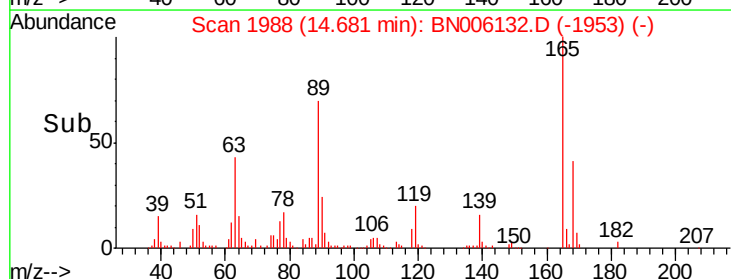
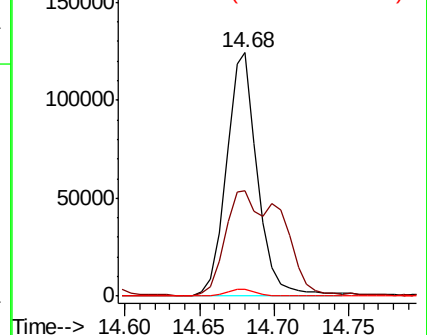
182 2.9 2.2 3.2

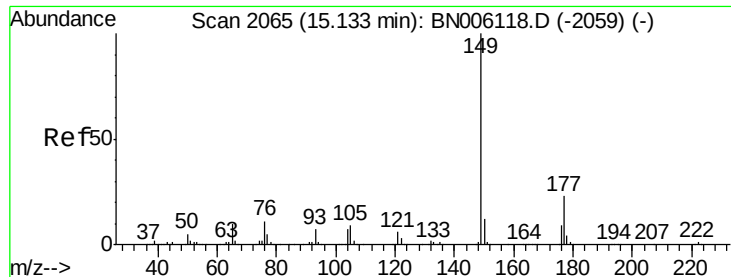


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E





#56

Diethylphthalate

Concen: 23.469 ng/ul

RT: 15.13 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BN006132.D

Acq: 06 Jun 2019 11:48

Instrument :

BNA_N

ClientSampleId :

A51H2

Tot Ion:149 Resp: 1113786

Ion Ratio Lower Upper

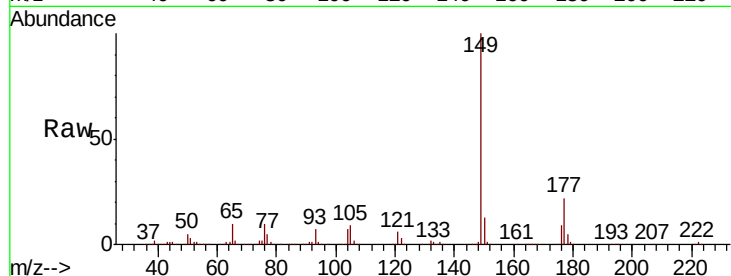
149 100

177 22.4 17.8 26.8

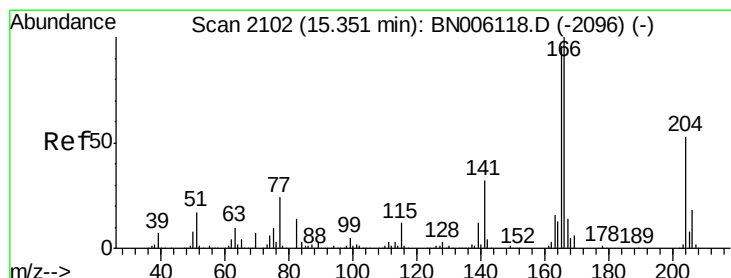
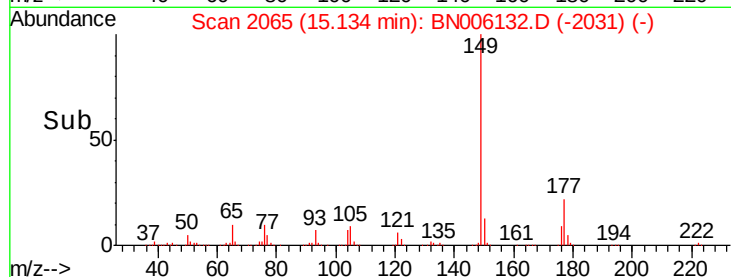
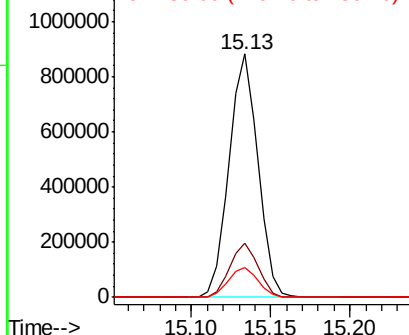
150 12.5 10.1 15.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 22.447 ng/ul

RT: 15.36 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BN006132.D

Acq: 06 Jun 2019 11:48

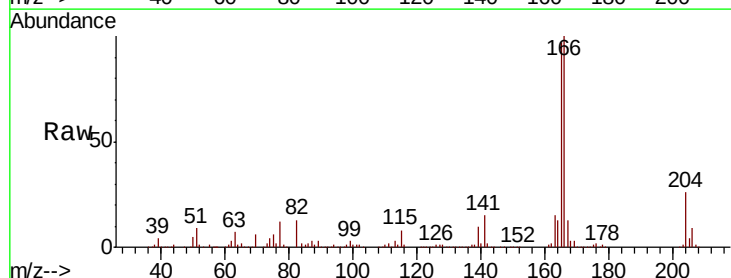
Tgt Ion:166 Resp: 1013322

Ion Ratio Lower Upper

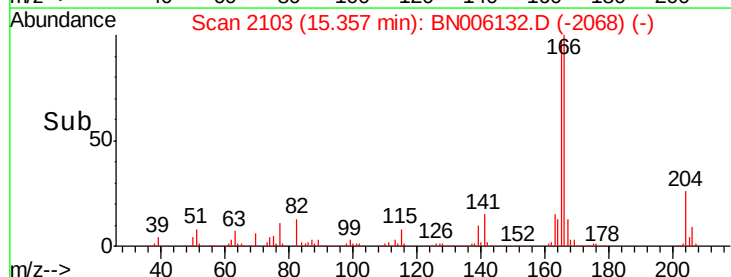
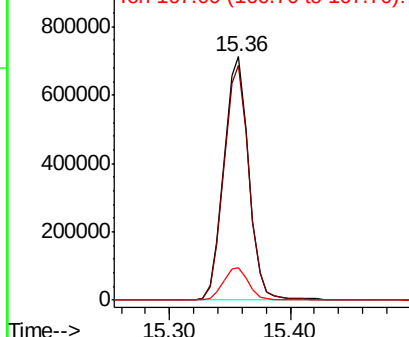
166 100

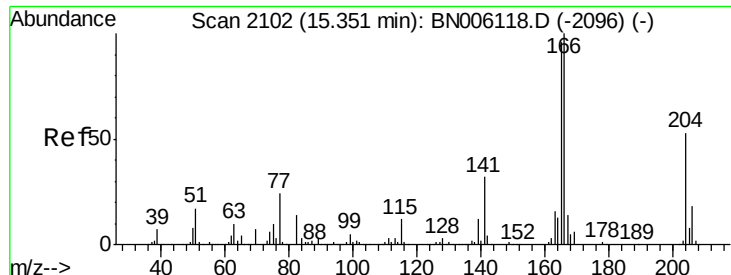
165 96.5 78.3 117.5

167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





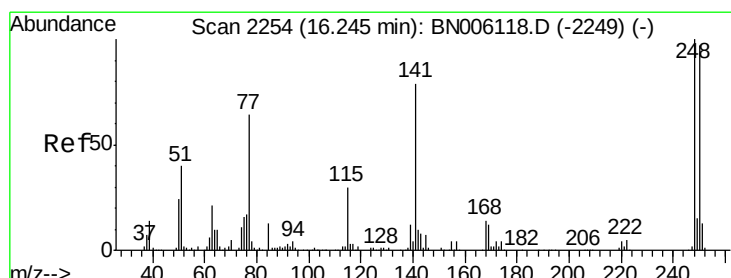
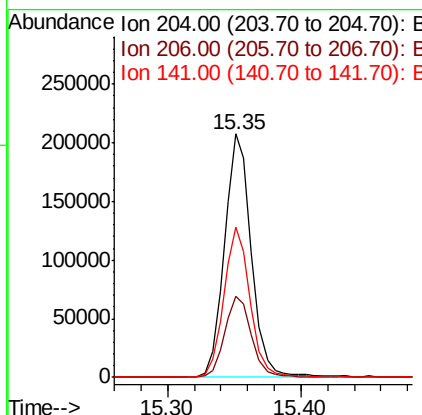
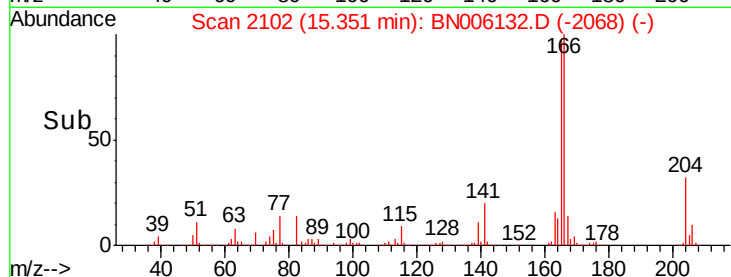
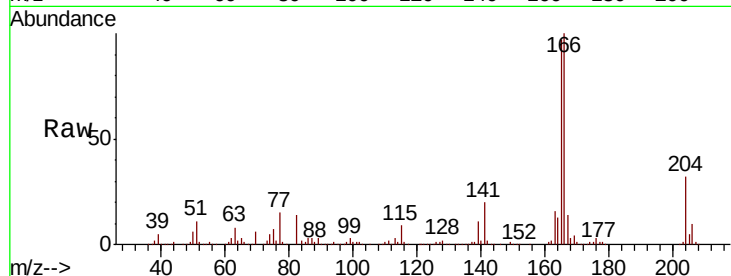
#59
4-Chlorophenyl-phenylether
Concen: 13.039 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Instrument :
BNA_N
ClientSampled :
A51H2

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.8
141	61.7	47.6	71.4

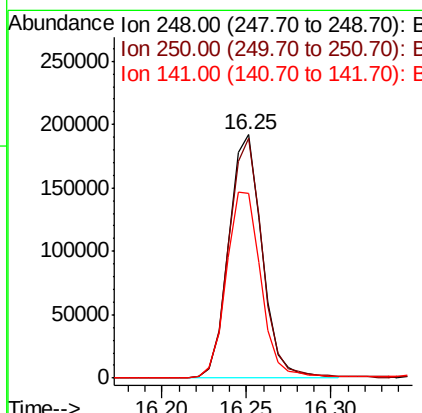
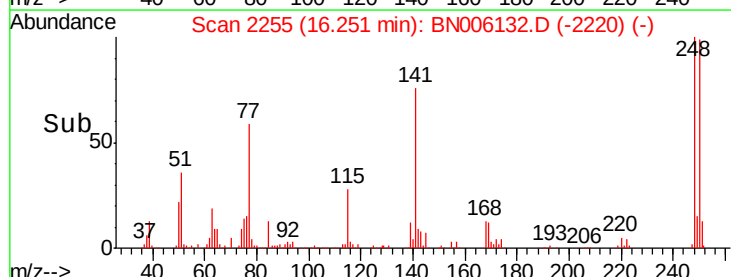
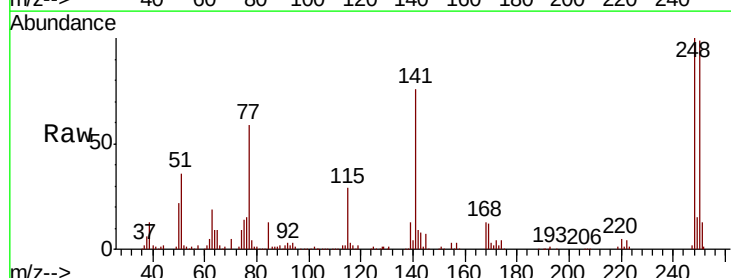
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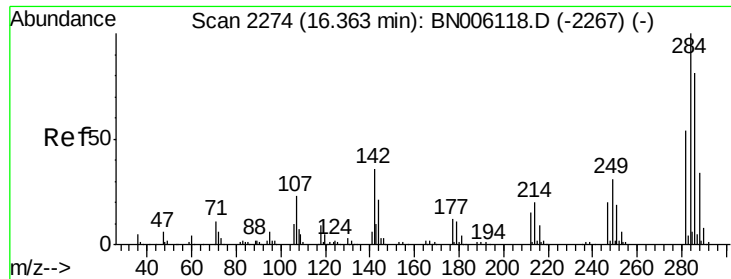
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#65
4-Bromophenyl-phenylether
Concen: 19.200 ng/ul
RT: 16.25 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.8	118.2
141	75.8	59.2	88.8





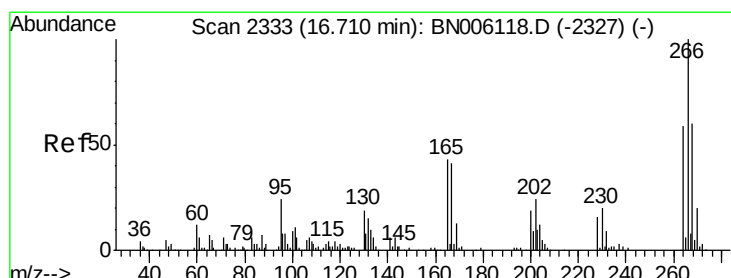
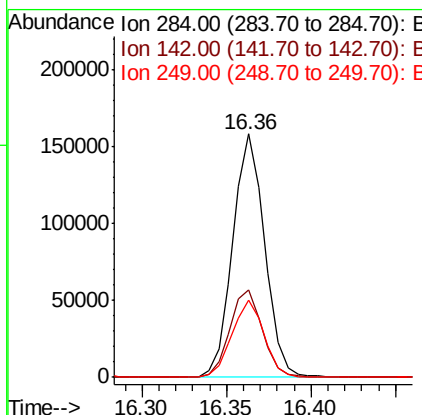
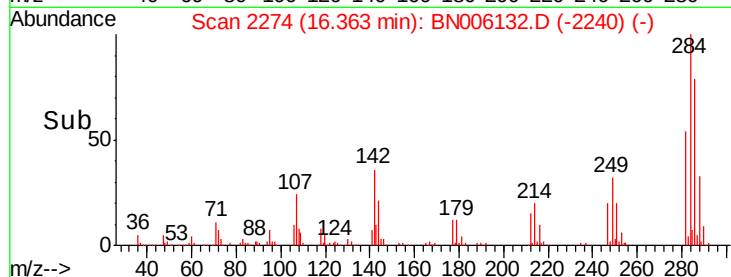
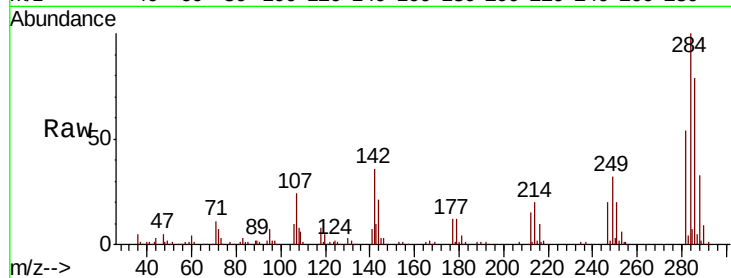
#66
Hexachlorobenzene
Concen: 13.819 ng/ul
RT: 16.36 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Instrument :
BNA_N
ClientSampleId :
A51H2

Tot Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	35.8	29.9	44.9
249	31.7	24.1	36.1

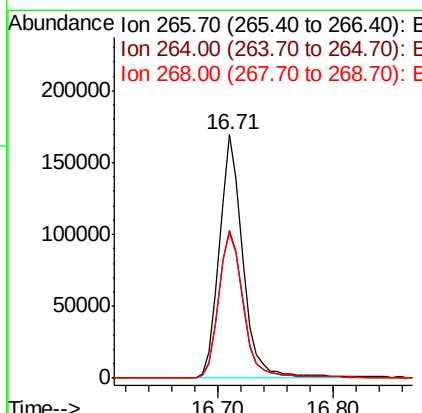
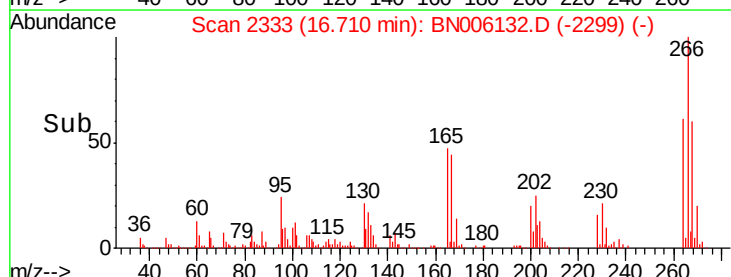
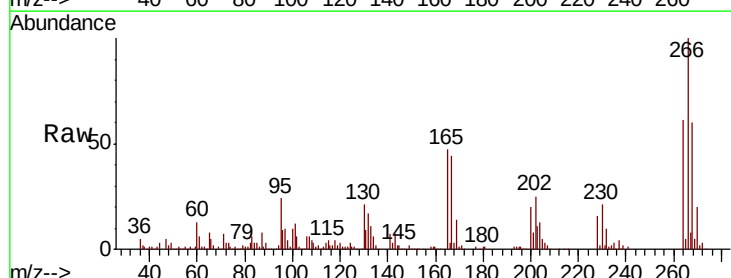
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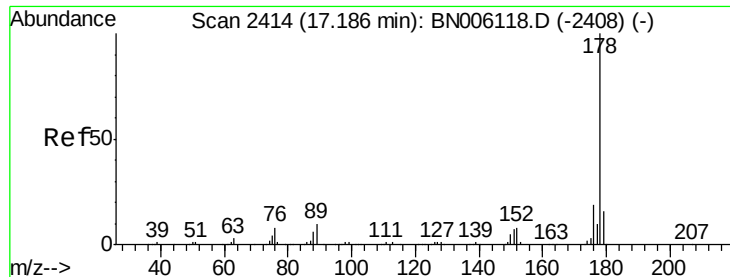
mohammad
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#68
Pentachlorophenol
Concen: 28.029 ng/ul
RT: 16.71 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	60.9	49.8	74.8
268	59.8	51.8	77.8





#71
 Anthracene
 Concen: 33.177 ng/ul
 RT: 17.19 min Scan# 2415
 Delta R.T. 0.01 min
 Lab File: BN006132.D
 Acq: 06 Jun 2019 11:48

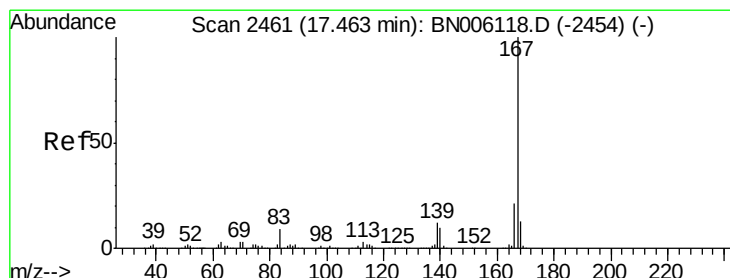
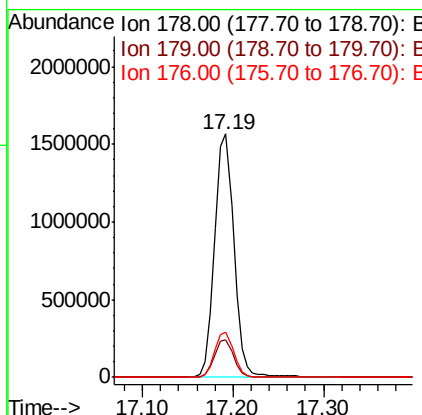
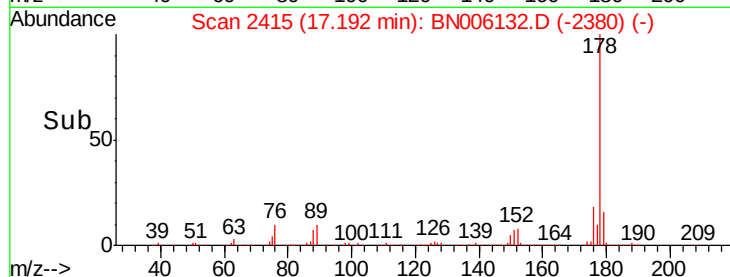
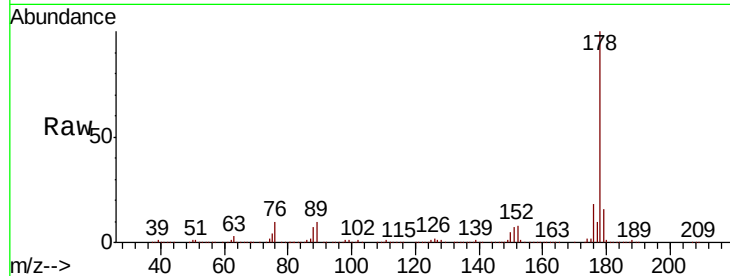
Instrument :
 BNA_N
 ClientSampleId :
 A51H2

Tot Ion:178 Resp: 2322976

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.5	14.8	22.2

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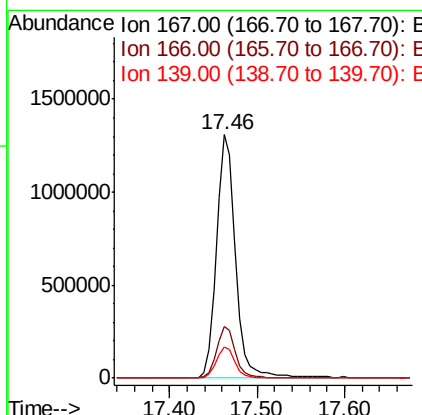
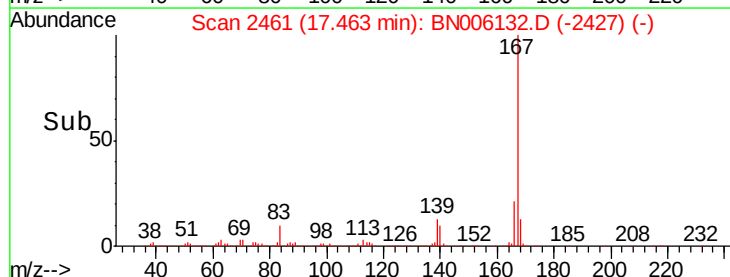
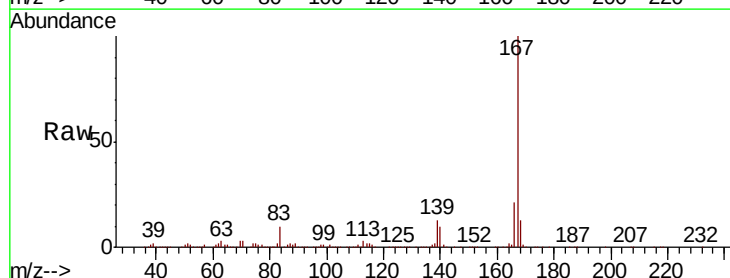
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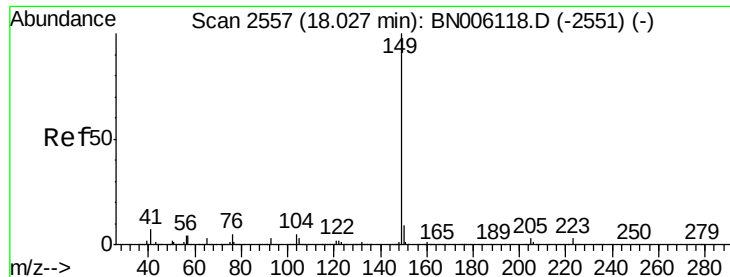


#74
 Carbazole
 Concen: 31.856 ng/ul
 RT: 17.46 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BN006132.D
 Acq: 06 Jun 2019 11:48

Tgt Ion:167 Resp: 1992419

Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.7	25.1
139	12.7	10.2	15.2





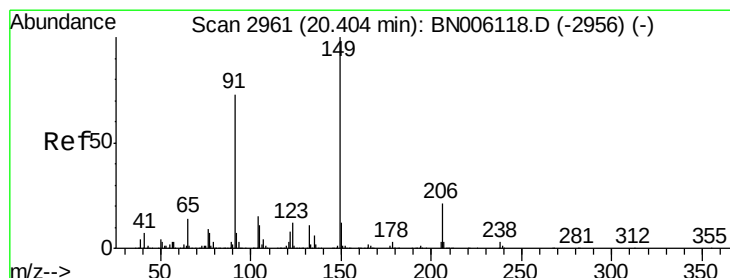
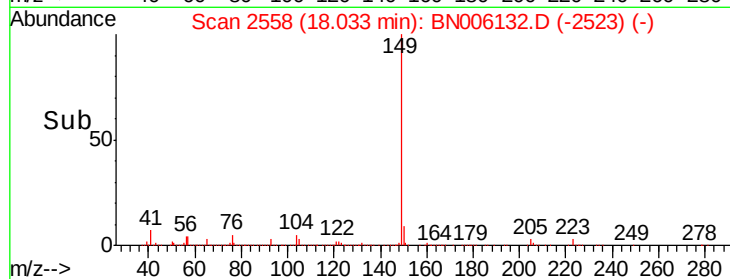
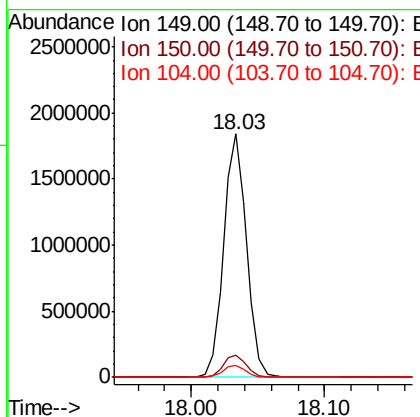
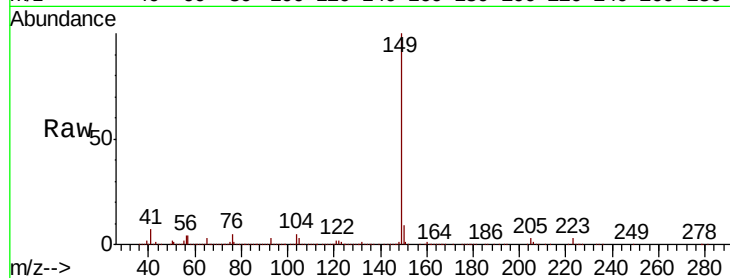
#75
Di-n-butylphthalate
Concen: 27.823 ng/ul
RT: 18.03 min Scan# 2558
Delta R.T. 0.01 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Instrument :
BNA_N
ClientSampled :
A51H2

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	4.9	4.0	6.0

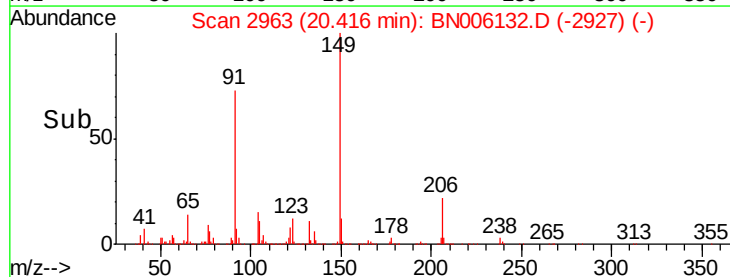
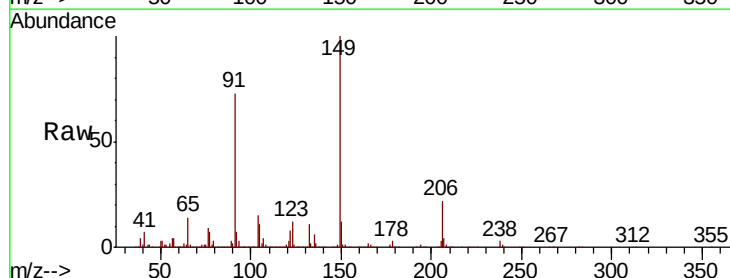
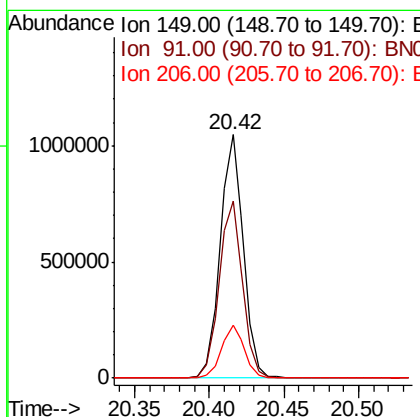
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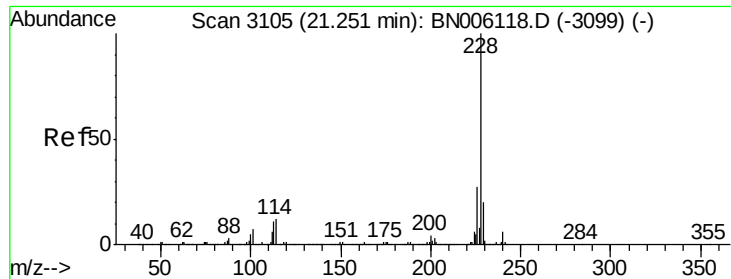
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#80
Butylbenzylphthalate
Concen: 31.230 ng/ul
RT: 20.42 min Scan# 2963
Delta R.T. 0.01 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.7	56.2	84.2
206	21.9	18.0	27.0





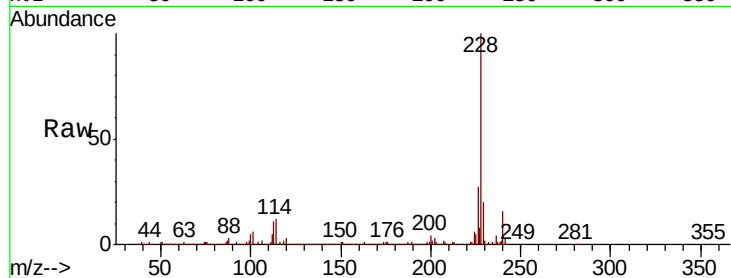
#82
Benzo(a)anthracene
Concen: 25.334 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.03 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Instrument :
BNA_N
ClientSampleId :
A51H2

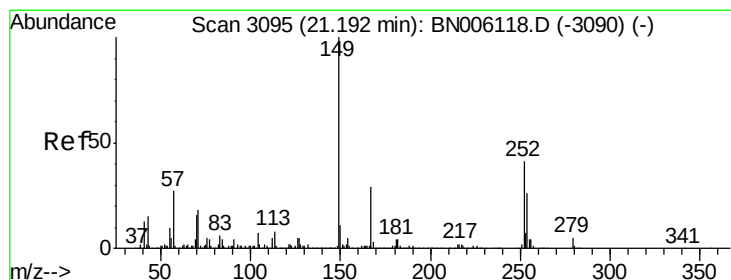
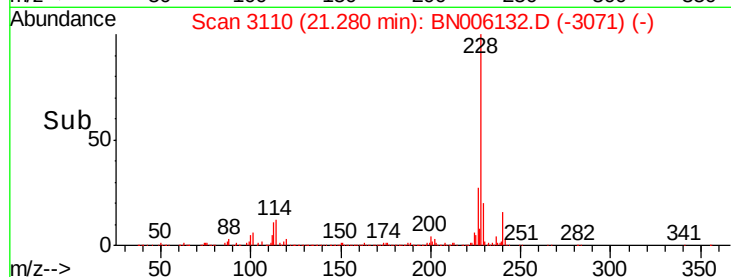
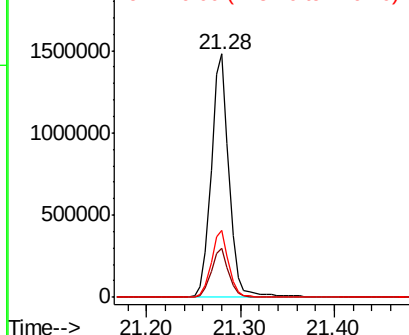
Tot Ion:228 Resp: 1971869
Ion Ratio Lower Upper
228 100
229 20.0 16.1 24.1
226 27.5 21.9 32.9

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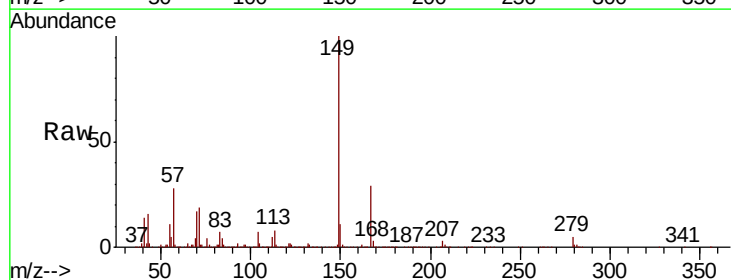


Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

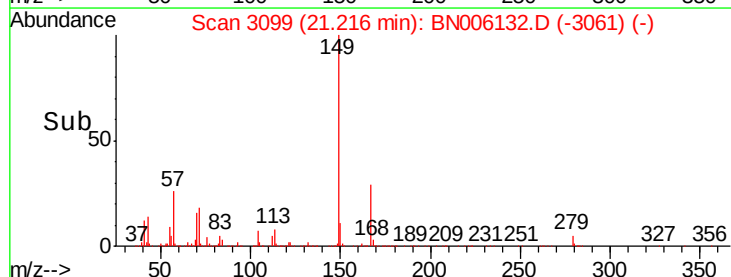
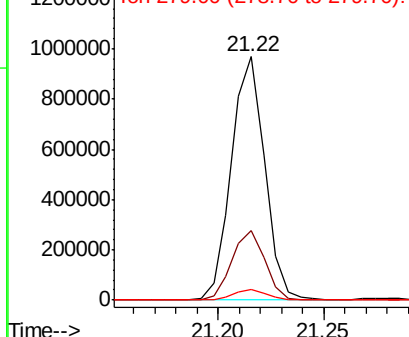


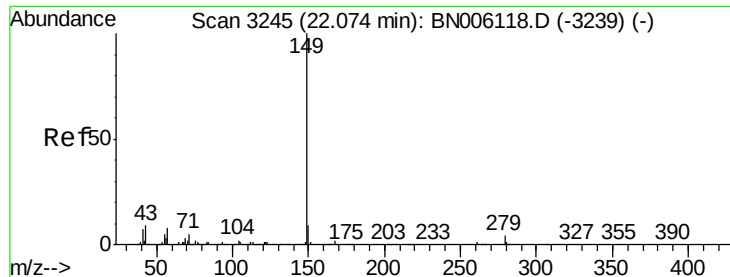
#83
Bis(2-ethylhexyl)phthalate
Concen: 19.992 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.02 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Tgt Ion:149 Resp: 1051466
Ion Ratio Lower Upper
149 100
167 28.6 22.5 33.7
279 4.6 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E
1200000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#86

Di-n-octyl phthalate

Concen: 39.617 ng/ul

RT: 22.12 min Scan# 3252

Delta R.T. 0.04 min

Lab File: BN006132.D

Acq: 06 Jun 2019 11:48

Instrument :

BNA_N

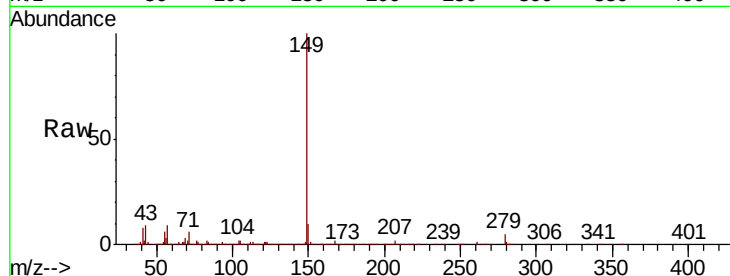
ClientSampleId :

A51H2

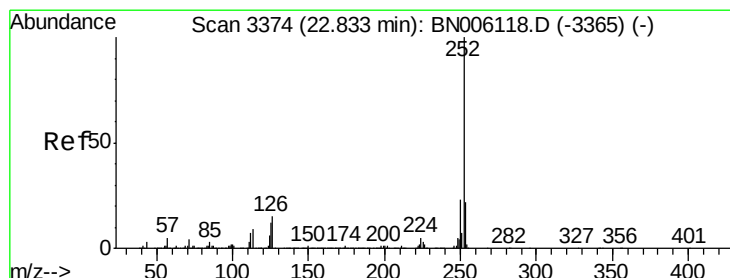
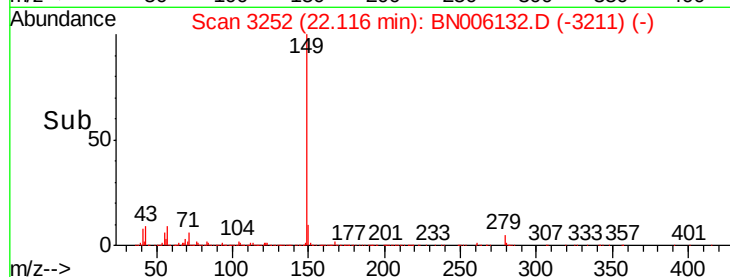
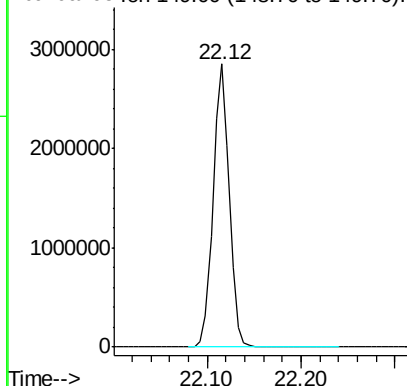
Tgt Ion:149 Resp: 3438233

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Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 13.109 ng/ul m

RT: 22.88 min Scan# 3382

Delta R.T. 0.05 min

Lab File: BN006132.D

Acq: 06 Jun 2019 11:48

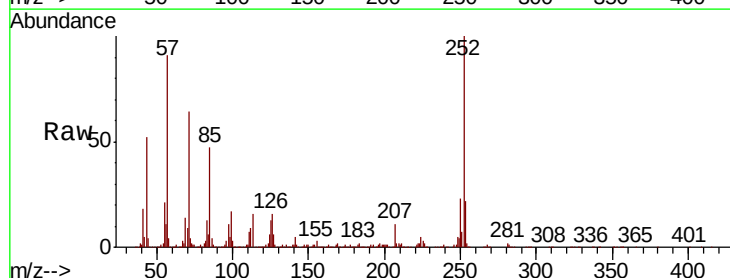
Tgt Ion:252 Resp: 1005175

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

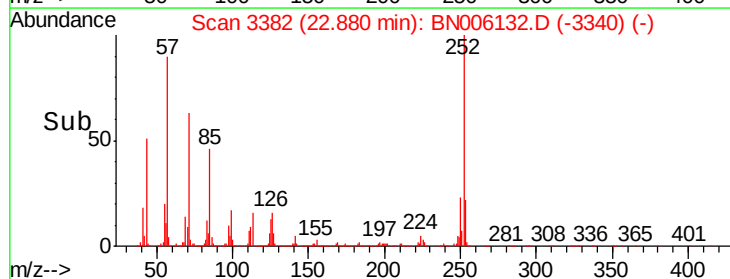
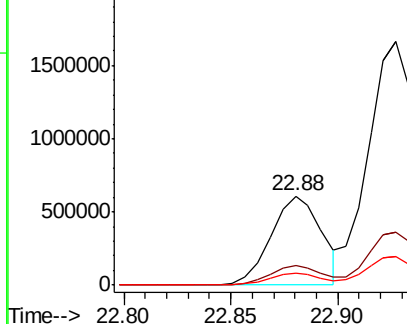
125 13.3 8.2 12.2#

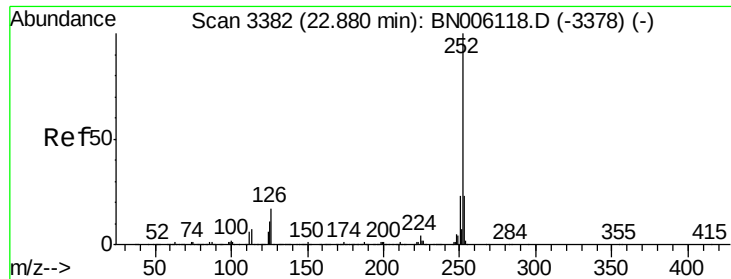


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





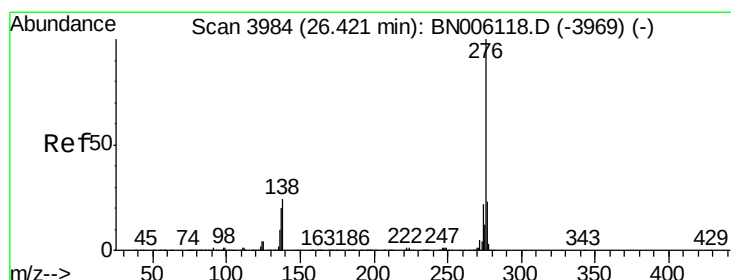
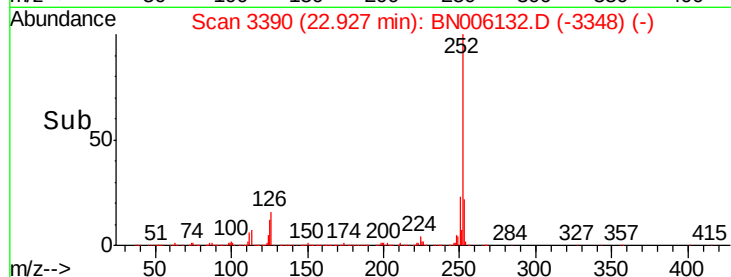
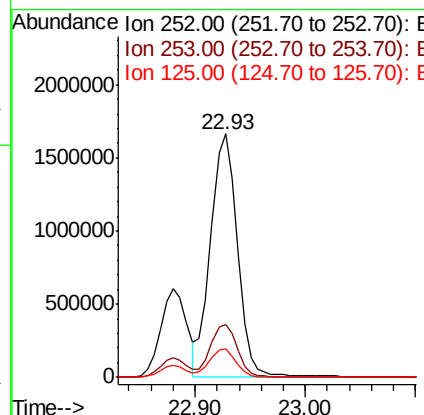
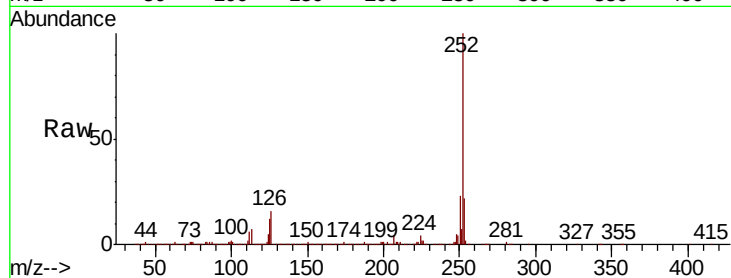
#88
Benzo(k)fluoranthene
Concen: 36.988 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. 0.05 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Instrument :
BNA_N
ClientSampleId :
A51H2

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	11.6	8.0	12.0

Manual Integrations
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#93
Benzo(g,h,i)perylene
Concen: 21.664 ng/ul
RT: 26.48 min Scan# 3994
Delta R.T. 0.06 min
Lab File: BN006132.D
Acq: 06 Jun 2019 11:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.0	27.0
277	22.6	18.8	28.2

