

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
 Data File : BP004338.D
 Acq On : 17 Dec 2020 13:04
 Operator : CG/JU
 Sample : L5067-23
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54K3

Quant Time: Dec 17 13:38:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 12:12:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	258786	20.00	ng/ul	0.01
18) Naphthalene-d8	10.64	136	1076409	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.49	164	658684	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	1453223	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	1476134	20.00	ng/ul	0.00
86) Perylene-d12	23.72	264	1584030	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	30970	4.20	ng/uL	0.00
5) Phenol-d5	7.00	99	725579	33.89	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	384677	28.78	ng/ul	0.01
9) 2-Chlorophenol-d4	7.38	132	563909	34.71	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	562794	34.79	ng/ul	0.01
19) Nitrobenzene-d5	9.00	128	285212	32.35	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	319707	43.97	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	596942	37.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	755464	38.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1794914	35.65	ng/ul	0.01
47) Acenaphthylene-d8	14.18	160	2219965	34.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	329752	38.78	ng/ul	0.00
58) Fluorene-d10	15.49	176	1534181	33.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.62	200	269173	38.61	ng/ul	0.01
71) Anthracene-d10	17.35	188	2568999	36.27	ng/ul	0.01
79) Pyrene-d10	19.59	212	2978731	38.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.57	264	3226726	38.67	ng/ul	0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.36	88	132521	17.311	ng/uL 93
8) Bis(2-Chloroethyl)ether	7.26	93	756233	41.042	ng/ul 97
10) 2-Chlorophenol	7.40	128	699793	41.084	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.38	45	644441	29.258	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.65	70	288612	23.293	ng/ul 97
17) Hexachloroethane	8.92	117	184423	23.575	ng/ul 93
20) Nitrobenzene	9.04	77	697450	32.041	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.05	93	691029	27.610	ng/ul 100
27) 2,4-Dichlorophenol	10.29	162	616832	38.023	ng/ul 99
28) Naphthalene	10.69	128	1483603	24.312	ng/ul 99
31) Hexachlorobutadiene	10.98	225	237373	18.941	ng/ul 98
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	314609	13.114	ng/ul 99
38) Hexachlorocyclopentadiene	12.66	237	283157	20.570	ng/ul 99
39) 2,4,6-Trichlorophenol	12.92	196	704202	60.821	ng/ul 99
40) 2,4,5-Trichlorophenol	12.99	196	475953	36.765	ng/ul 98
42) 2-Chloronaphthalene	13.36	162	1187206	26.956	ng/ul 99
45) Dimethylphthalate	13.95	163	2010575	39.210	ng/ul 99
46) 2,6-Dinitrotoluene	14.06	165	225323	23.598	ng/ul 93
48) Acenaphthylene	14.21	152	1563944	24.526	ng/ul 100
50) Acenaphthene	14.56	153	927823	20.551	ng/ul 98
54) Dibenzofuran	14.89	168	1507300	23.695	ng/ul 98
55) 2,4-Dinitrotoluene	14.86	165	264636	19.529	ng/ul 97
57) Diethylphthalate	15.32	149	1401533	29.122	ng/ul 98

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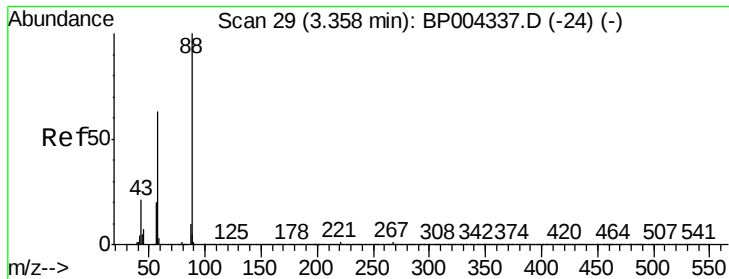
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) Fluorene	15.55	166	1277859	25.115	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.54	204	395898	14.676	ng/ul	100
66) 4-Bromophenyl-phenylether	16.44	248	404374	23.927	ng/ul	96
67) Hexachlorobenzene	16.56	284	327427	16.160	ng/ul	98
69) Pentachlorophenol	16.90	266	424091	45.503	ng/ul	98
72) Anthracene	17.39	178	3318618	39.124	ng/ul	99
75) Carbazole	17.66	167	2693689	39.025	ng/ul	99
76) Di-n-butylphthalate	18.22	149	2744061	37.313	ng/ul	100
81) Butylbenzylphthalate	20.49	149	1434313	52.189	ng/ul	99
83) Benzo(a)anthracene	21.33	228	3024290	31.082	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1274559	28.638	ng/ul	99
87) Di-n-octyl phthalate	22.17	149	4133292	55.157	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	1591803	15.846	ng/ul	99
89) Benzo(k)fluoranthene	23.05	252	4267069	41.361	ng/ul	99
94) Benzo(a,h,i)perylene	26.90	276	2644739	26.816	ng/ul	97

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



#2

1,4-Dioxane

Concen: 17.311 ng/uL

RT: 3.36 min Scan# 30

Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

Instrument :

BNA_P

ClientSampleId :

A54K3

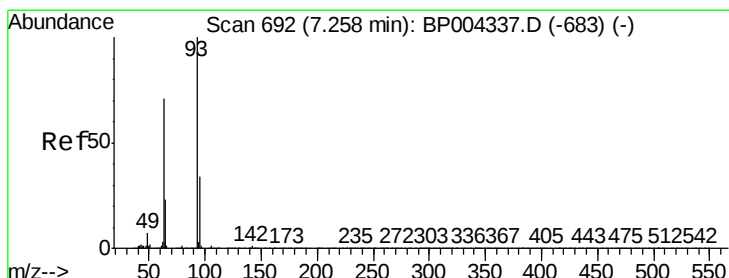
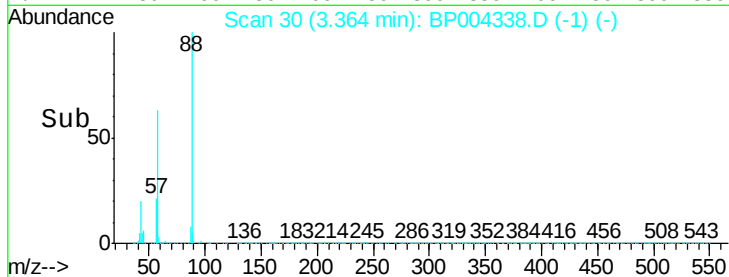
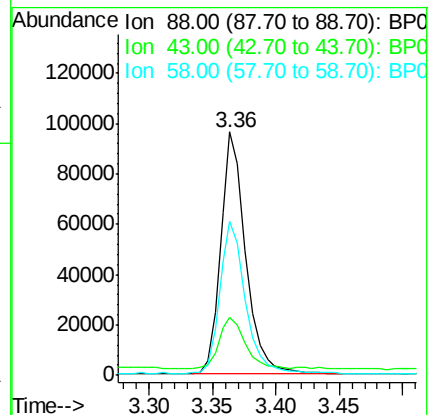
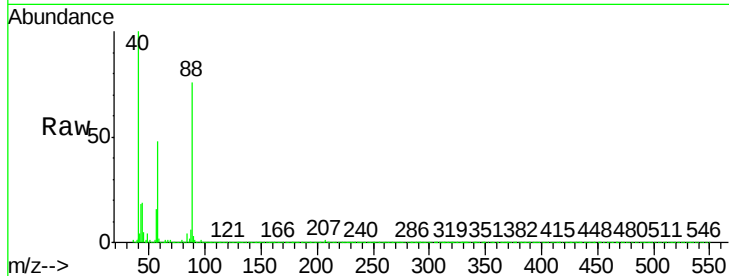
Tot Ion: 88 Resp: 132521

Ion Ratio Lower Upper

88 100

43 24.0 23.2 34.8

58 63.5 55.0 82.6



#8

Bis(2-Chloroethyl)ether

Concen: 41.042 ng/uL

RT: 7.26 min Scan# 693

Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

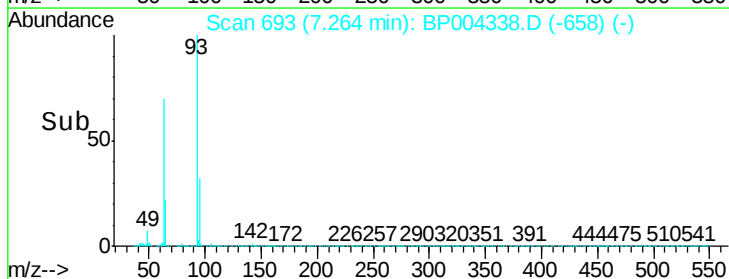
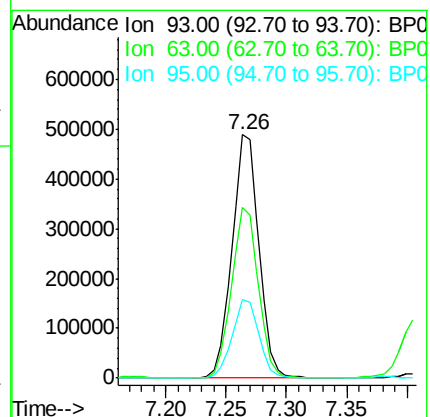
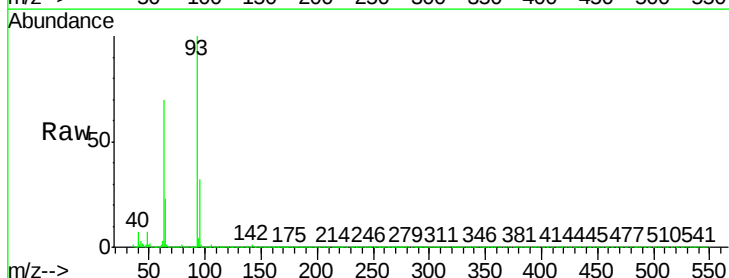
Tgt Ion: 93 Resp: 756233

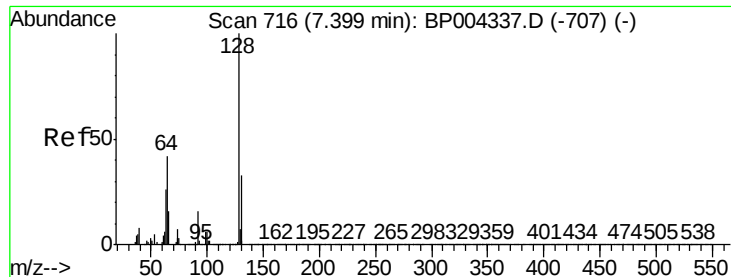
Ion Ratio Lower Upper

93 100

63 70.1 58.7 88.1

95 32.3 26.2 39.2

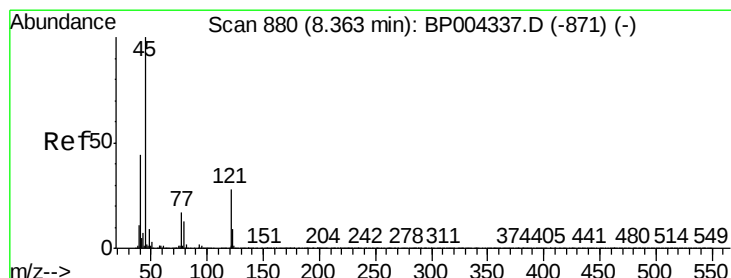
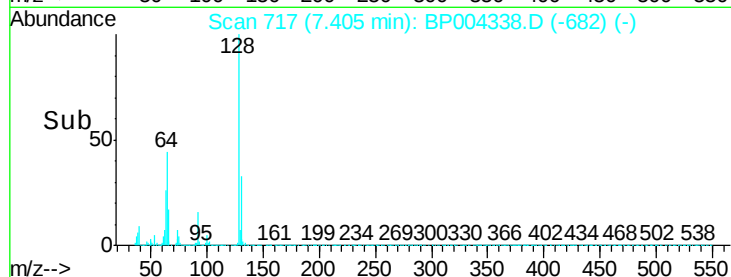
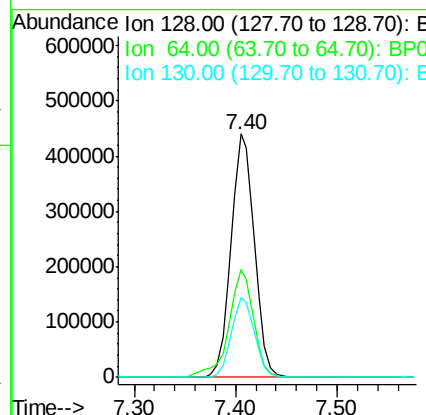
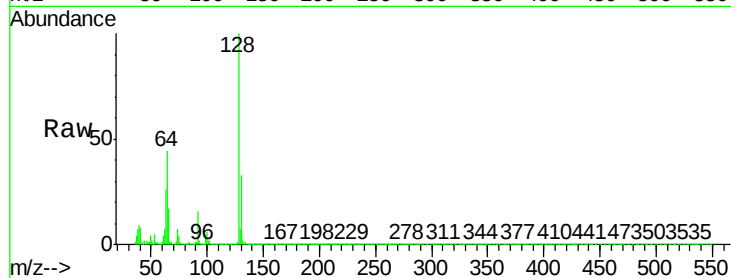




#10
2-Chlorophenol
Concen: 41.084 ng/ul
RT: 7.40 min Scan# 717
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

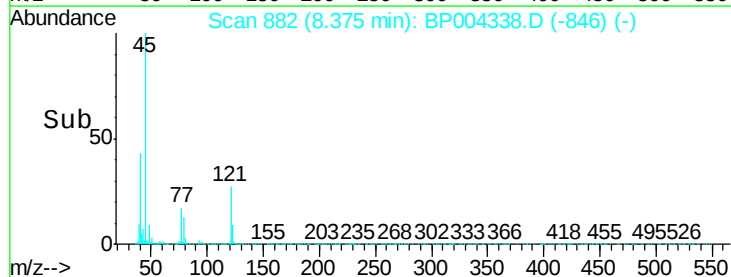
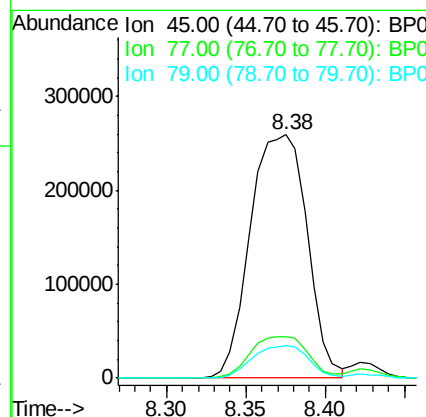
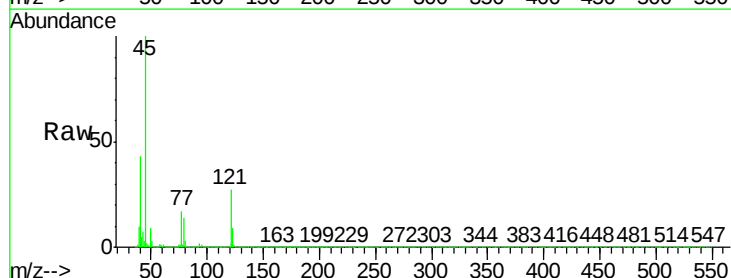
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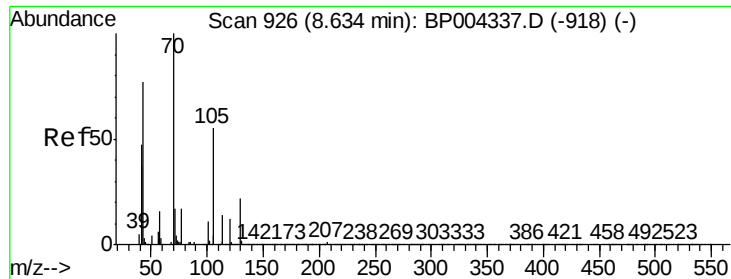
Tot Ion	Ratio	Lower	Upper
128	100		
64	44.2	36.9	55.3
130	32.7	25.9	38.9



#12
2,2'-oxybis(1-Chloropropane)
Concen: 29.258 ng/ul
RT: 8.38 min Scan# 882
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.1	13.0	19.4
79	13.6	10.4	15.6

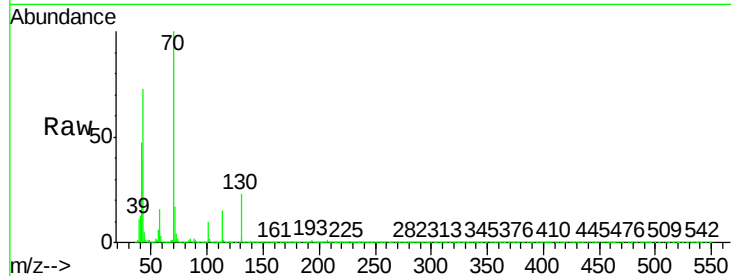




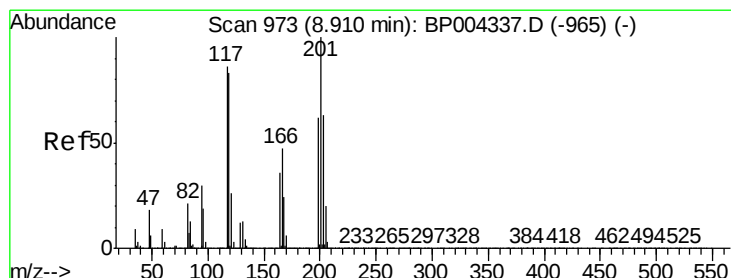
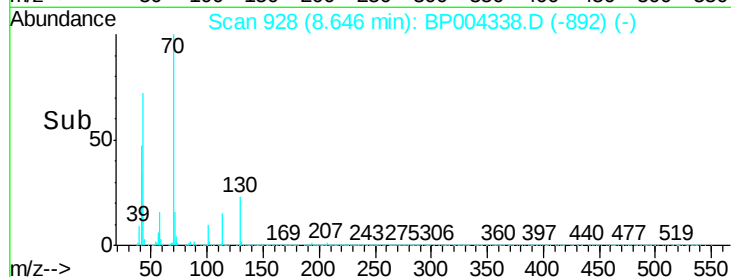
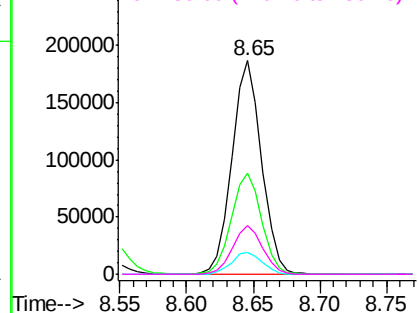
#15
N-Nitroso-di-n-propylamine
Concen: 23.293 ng/ul
RT: 8.65 min Scan# 928
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

Instrument :
BNA_P
ClientSampleId :
A54K3

Tot Ion:	70	Resp:	288612
Ion	Ratio	Lower	Upper
70	100		
42	47.3	39.0	58.6
101	10.2	7.6	11.4
130	22.5	16.6	25.0

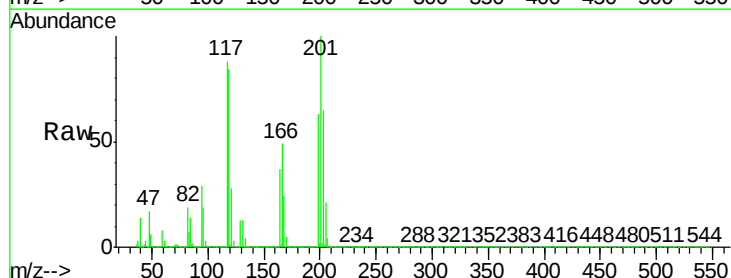


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

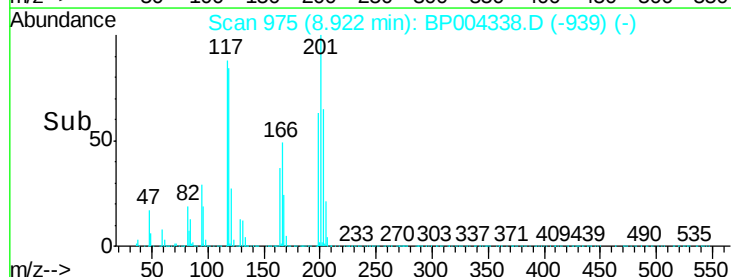
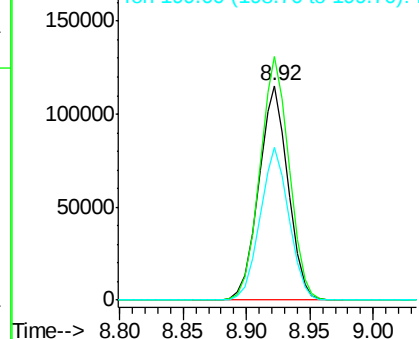


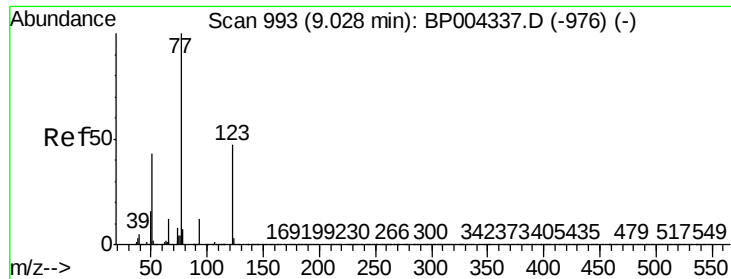
#17
Hexachloroethane
Concen: 23.575 ng/ul
RT: 8.92 min Scan# 975
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

Tgt Ion:	117	Resp:	184423
Ion	Ratio	Lower	Upper
117	100		
201	113.5	85.4	128.2
199	71.1	51.2	76.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

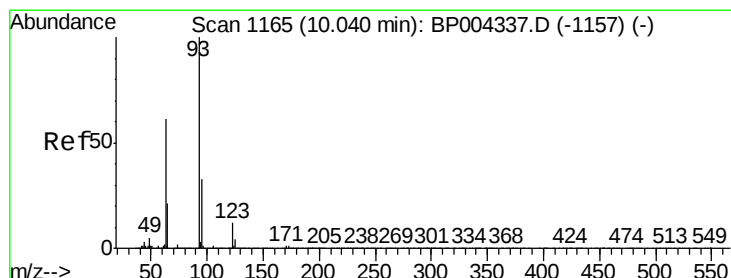
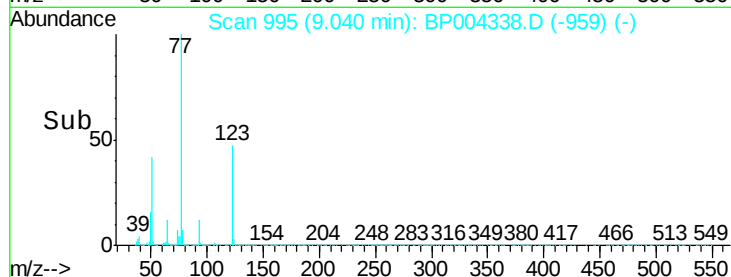
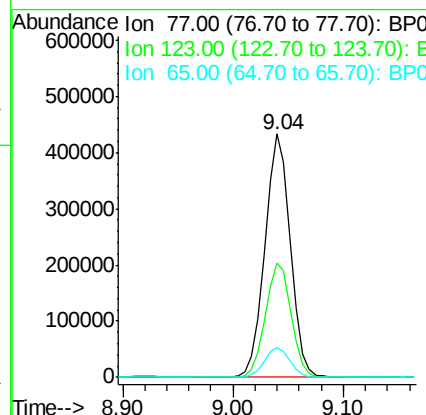
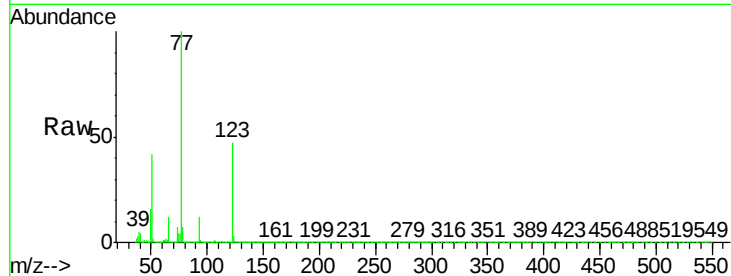




#20
 Nitrobenzene
 Concen: 32.041 ng/ul
 RT: 9.04 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: BP004338.D
 Acq: 17 Dec 2020 13:04

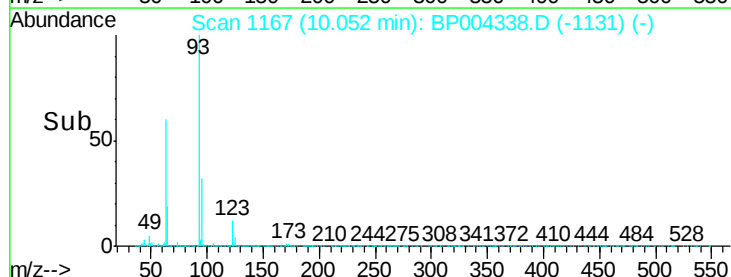
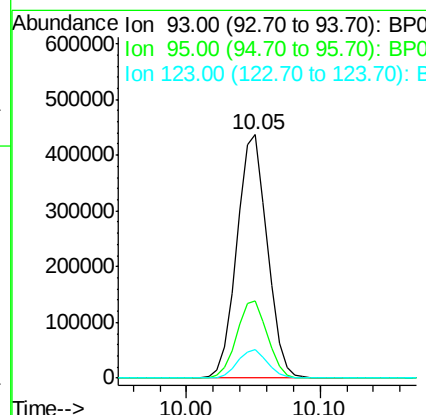
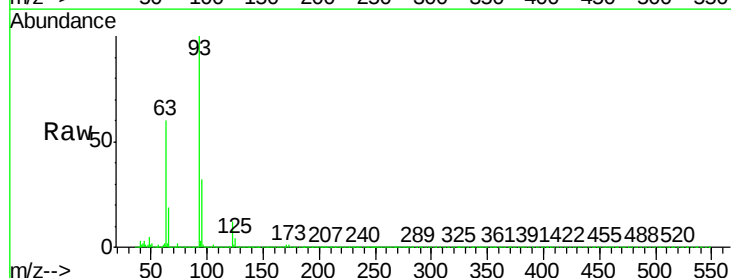
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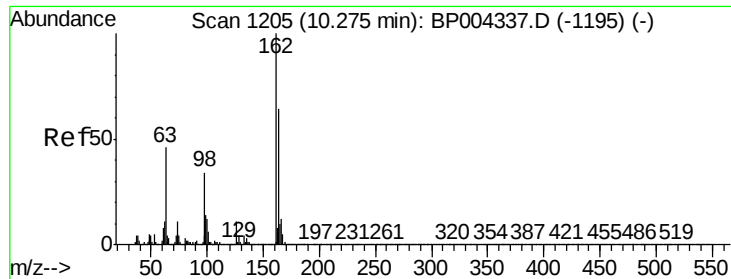
Tot Ion	Ratio	Lower	Upper
77	100		
123	46.9	36.8	55.2
65	12.2	10.1	15.1



#25
 Bis(2-Chloroethoxy)methane
 Concen: 27.610 ng/ul
 RT: 10.05 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BP004338.D
 Acq: 17 Dec 2020 13:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.7	38.5
123	11.6	9.0	13.6

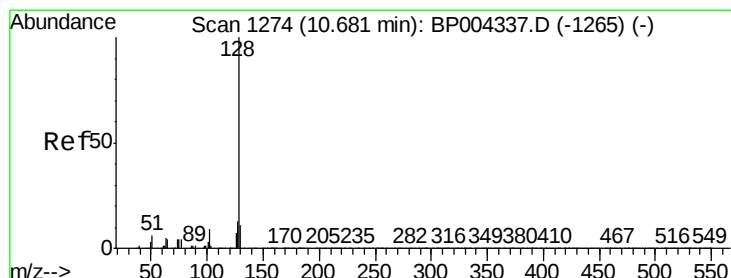
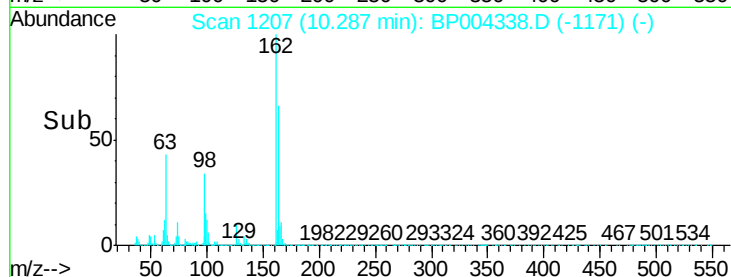
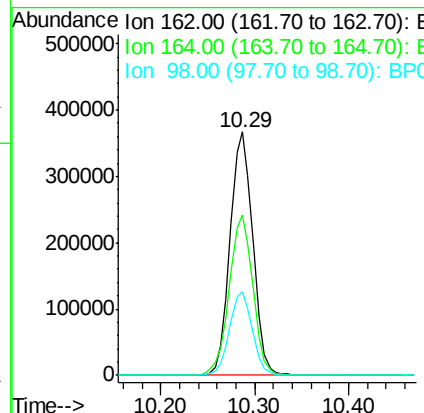
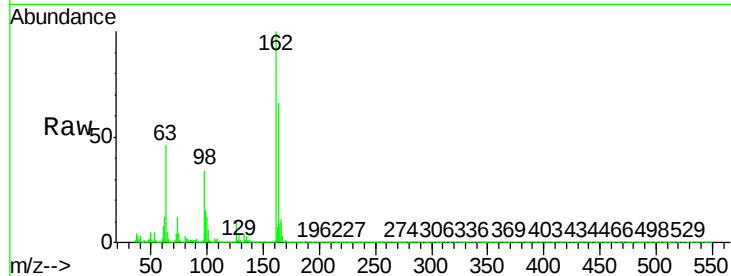




#27
2,4-Dichlorophenol
Concen: 38.023 ng/ul
RT: 10.29 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

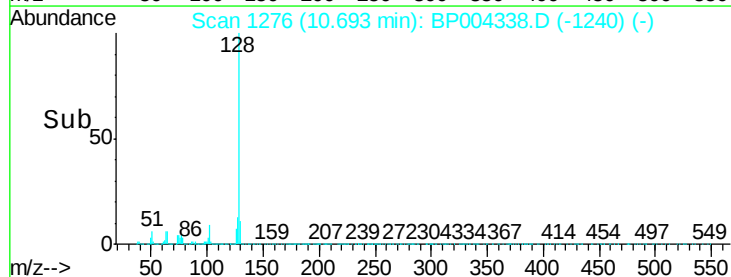
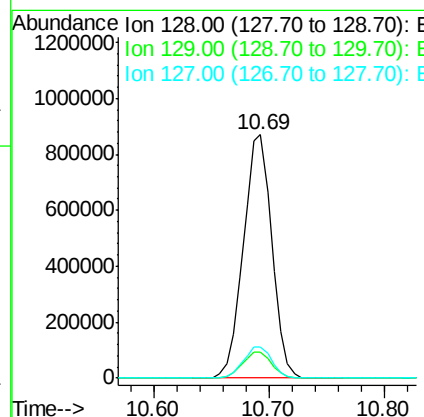
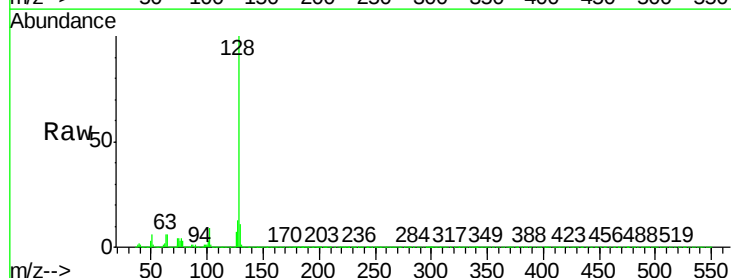
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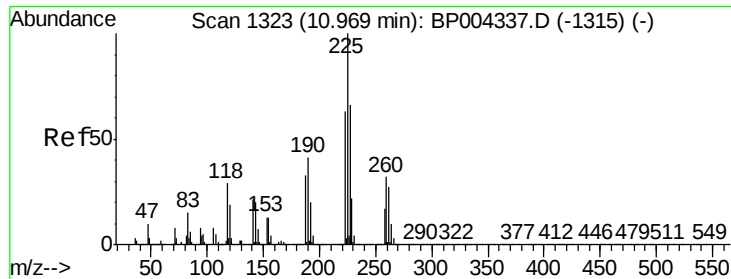
Tot Ion:162 Resp: 616832
Ion Ratio Lower Upper
162 100
164 65.8 52.2 78.2
98 34.3 27.8 41.6



#28
Naphthalene
Concen: 24.312 ng/ul
RT: 10.69 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

Tgt Ion:128 Resp: 1483603
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.7 10.6 16.0

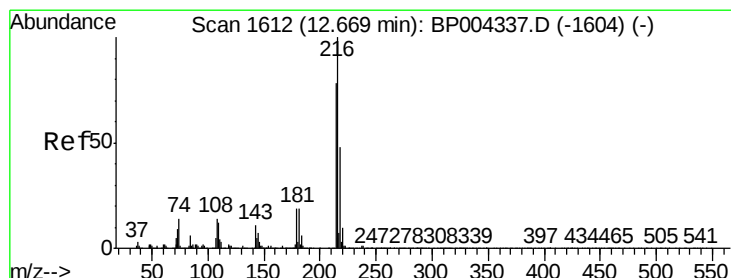
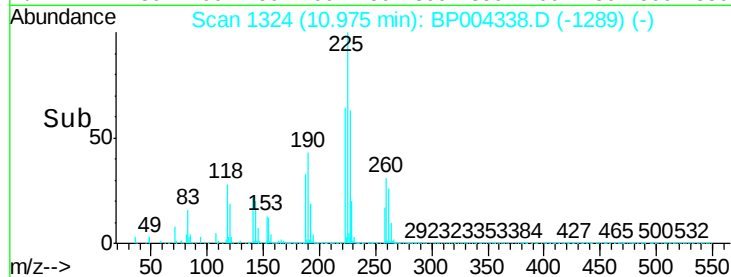
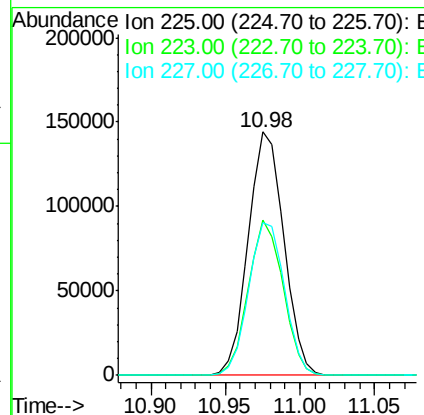
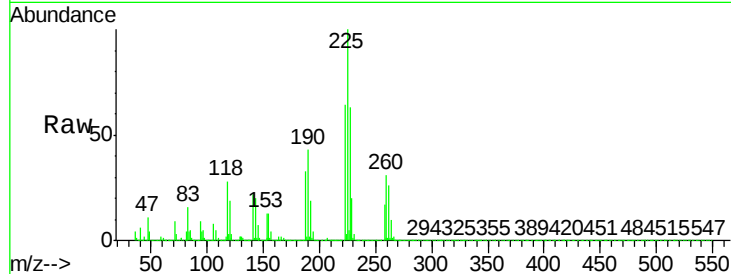




#31
Hexachlorobutadiene
Concen: 18.941 ng/ul
RT: 10.98 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

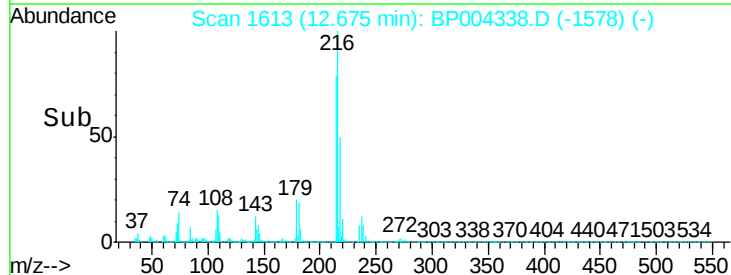
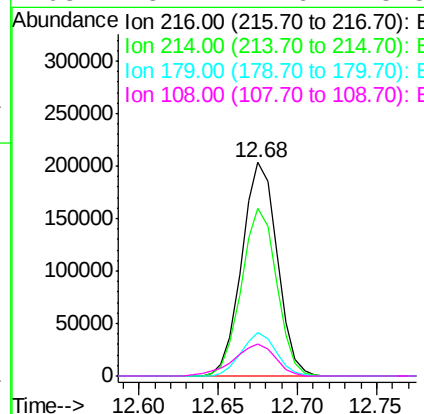
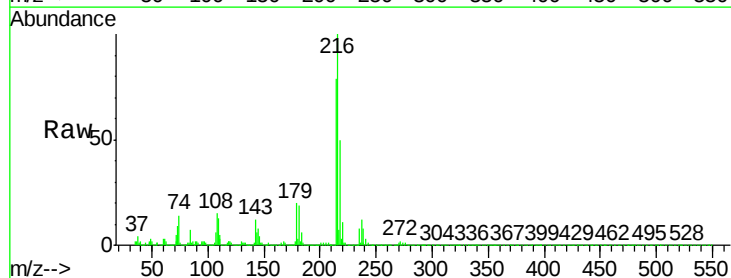
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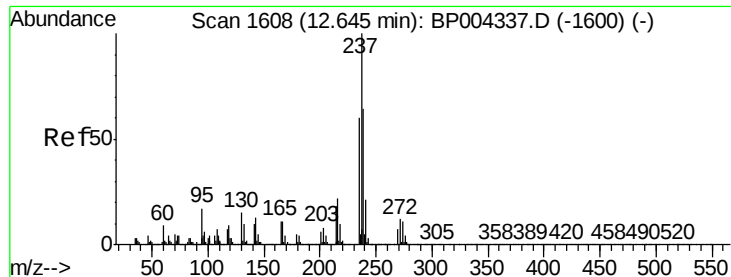
Tot Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.1	75.1
227	62.6	51.2	76.8



#37
1,2,4,5-Tetrachlorobenzene
Concen: 13.114 ng/ul
RT: 12.68 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.0	93.0
179	20.2	15.8	23.6
108	15.2	12.6	18.8





#38

Hexachlorocyclopentadiene

Concen: 20.570 ng/ul

RT: 12.66 min Scan# 1610

Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

Instrument :

BNA_P

ClientSampleId :

A54K3

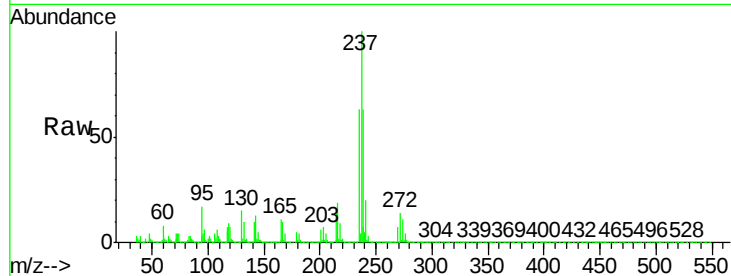
Tot Ion:237 Resp: 283157

Ion Ratio Lower Upper

237 100

235 62.9 49.5 74.3

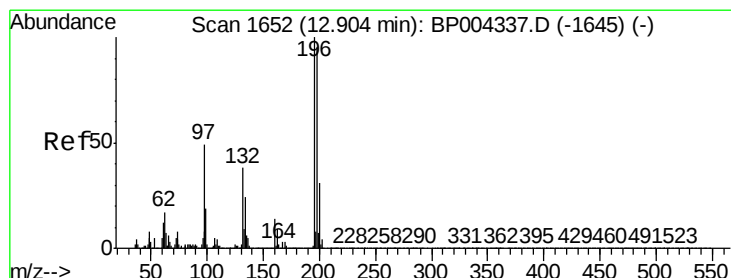
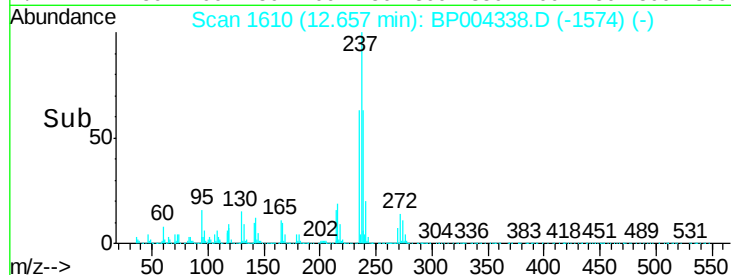
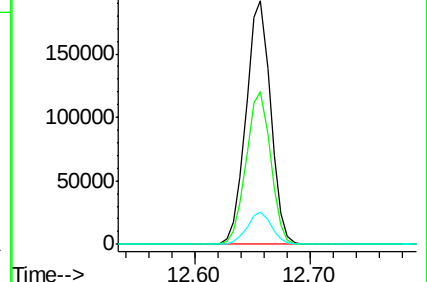
272 13.5 10.3 15.5



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



#39

2,4,6-Trichlorophenol

Concen: 60.821 ng/ul

RT: 12.92 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

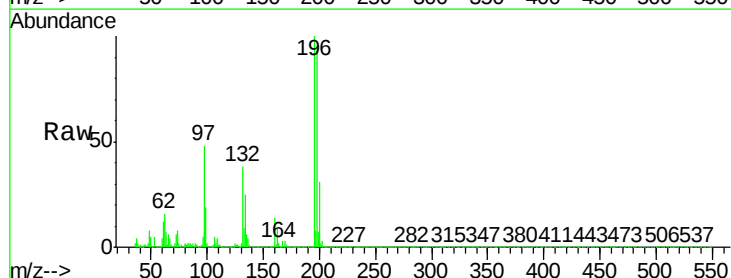
Tgt Ion:196 Resp: 704202

Ion Ratio Lower Upper

196 100

198 94.9 75.9 113.9

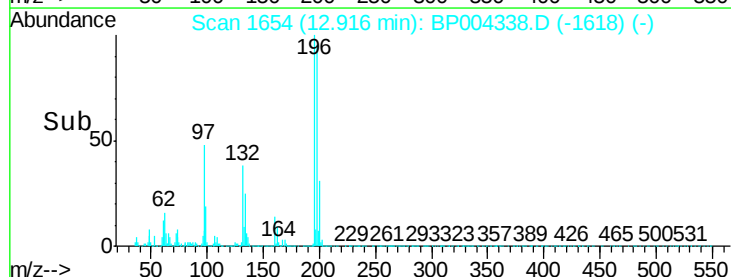
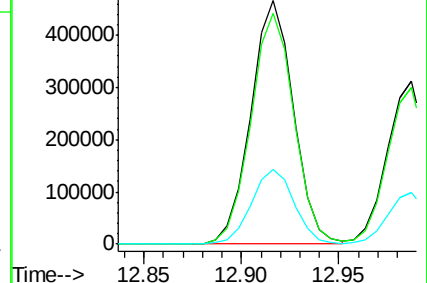
200 30.5 25.3 37.9

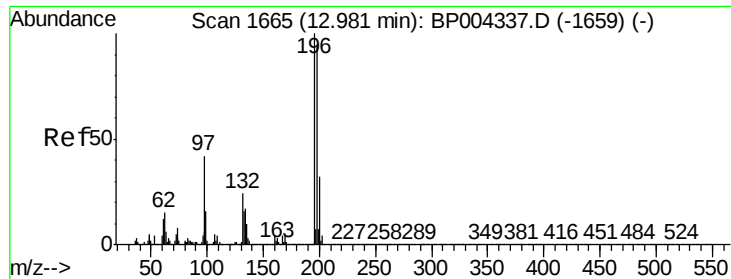


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

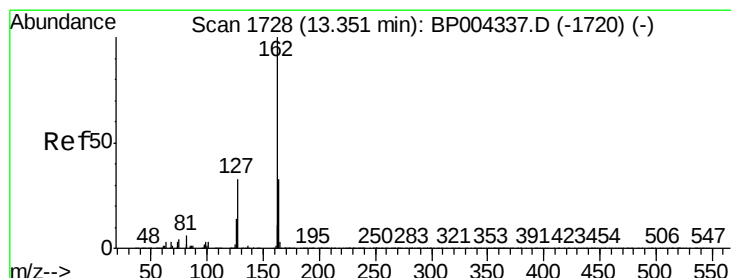
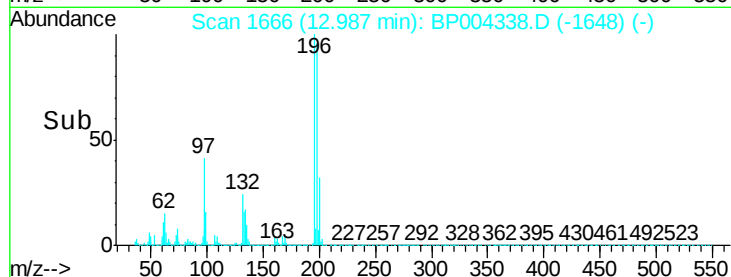
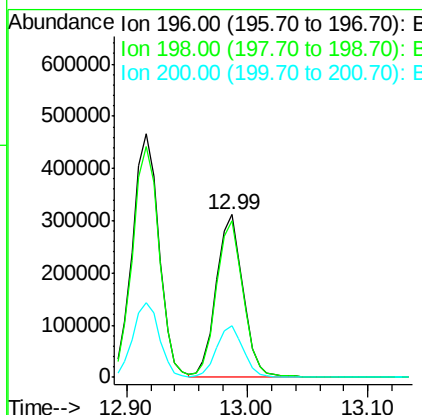
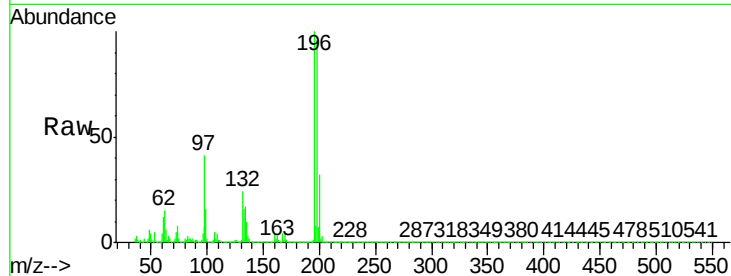




#40
2,4,5-Trichlorophenol
Concen: 36.765 ng/ul
RT: 12.99 min Scan# 1666
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

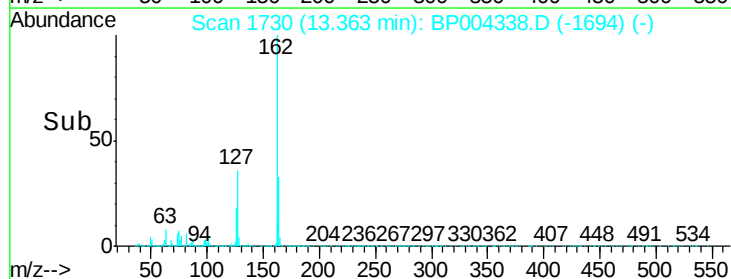
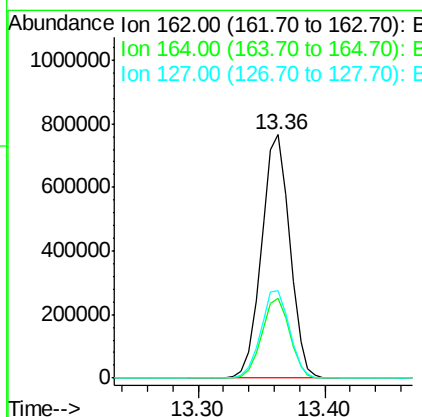
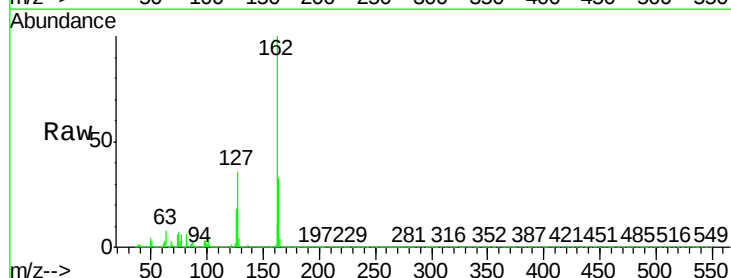
Instrument :
BNA_P
ClientSampleId :
A54K3

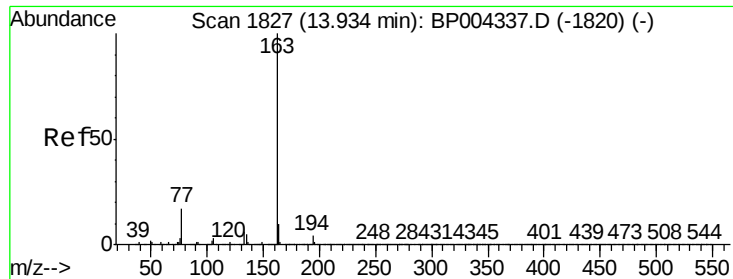
Tot Ion:196 Resp: 475953
Ion Ratio Lower Upper
196 100
198 96.1 75.4 113.0
200 31.6 24.3 36.5



#42
2-Chloronaphthalene
Concen: 26.956 ng/ul
RT: 13.36 min Scan# 1730
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

Tgt Ion:162 Resp: 1187206
Ion Ratio Lower Upper
162 100
164 32.6 26.4 39.6
127 35.7 29.0 43.4





#45

Dimethylphthalate

Concen: 39.210 ng/ul

RT: 13.95 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

Instrument :

BNA_P

ClientSampleId :

A54K3

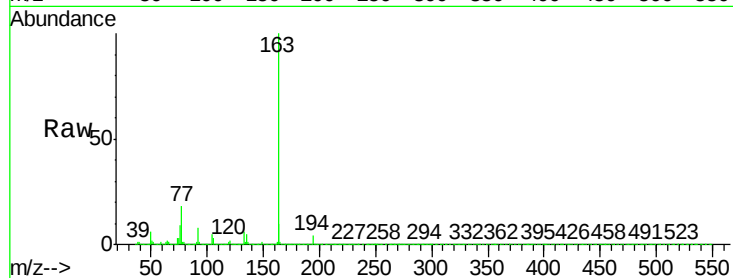
Tot Ion:163 Resp: 2010575

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

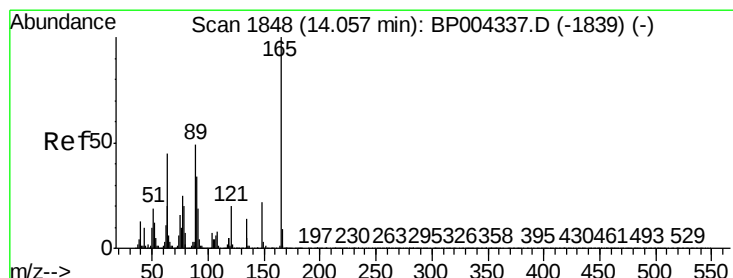
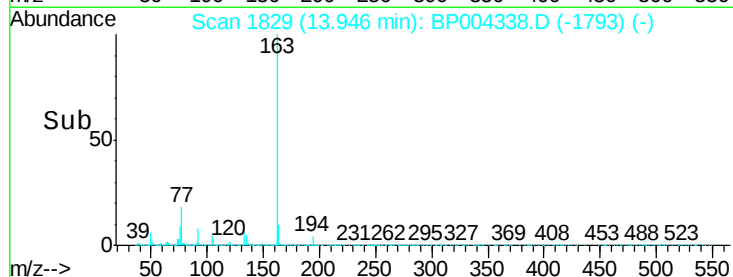
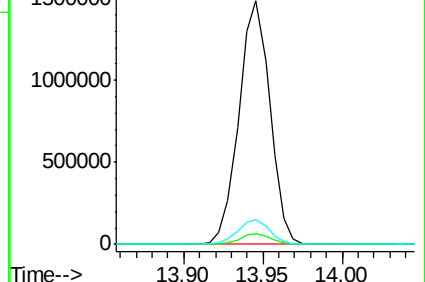
164 10.2 8.4 12.6



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



#46

2,6-Dinitrotoluene

Concen: 23.598 ng/ul

RT: 14.06 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

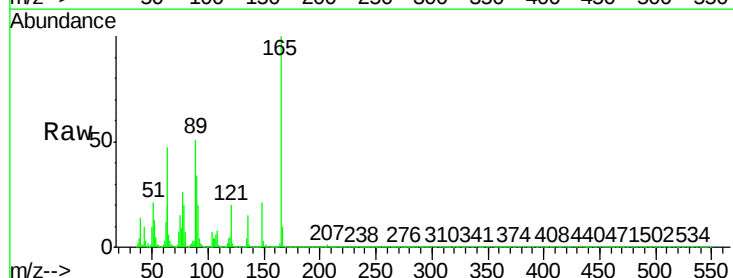
Tgt Ion:165 Resp: 225323

Ion Ratio Lower Upper

165 100

89 50.8 45.6 68.4

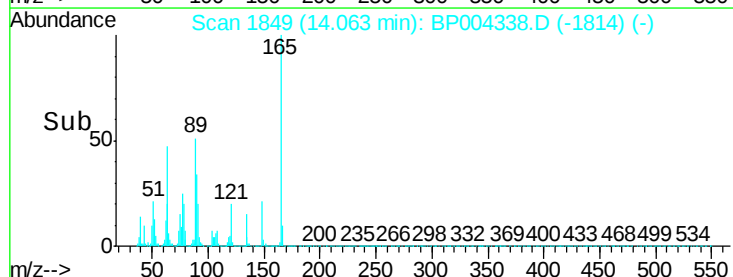
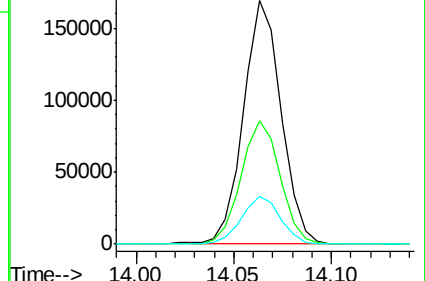
121 19.8 17.1 25.7

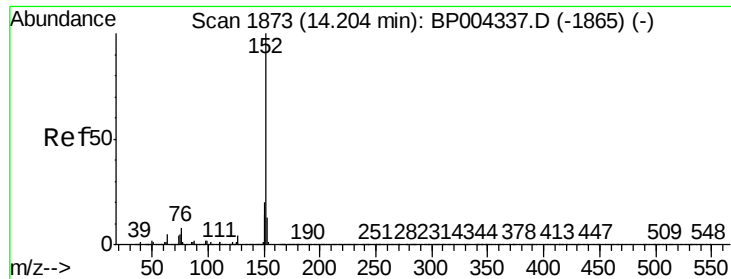


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BP0

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 24.526 ng/ul

RT: 14.21 min Scan# 1874

Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

Instrument :

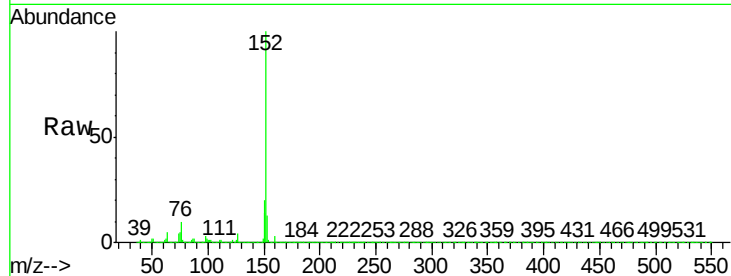
BNA_P

ClientSampleId :

A54K3

Tot Ion:152 Resp: 1563944

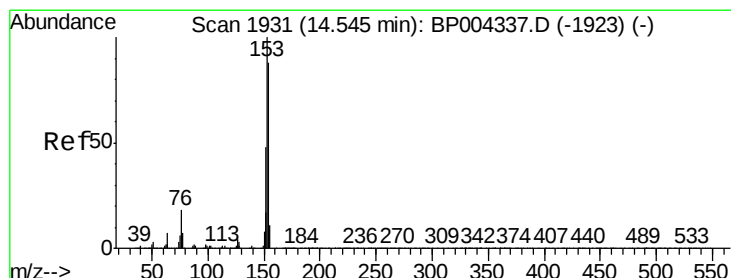
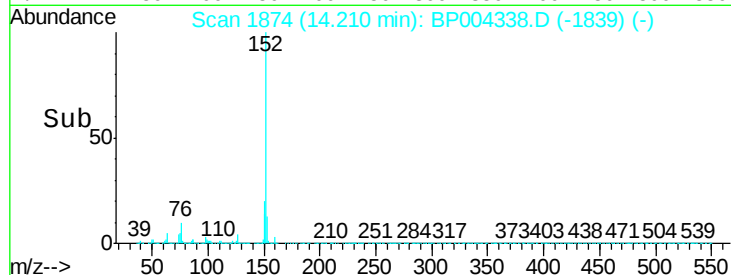
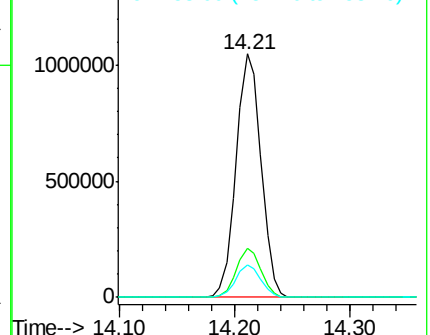
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.2	10.6	16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 20.551 ng/ul

RT: 14.56 min Scan# 1933

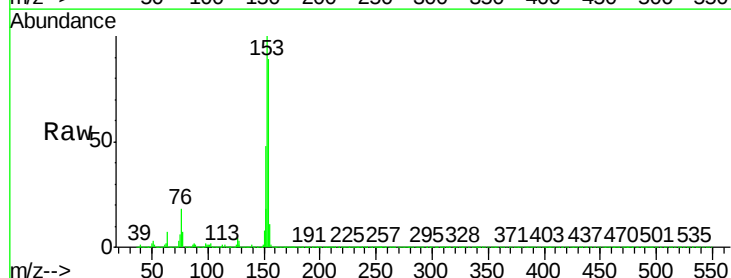
Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

Tgt Ion:153 Resp: 927823

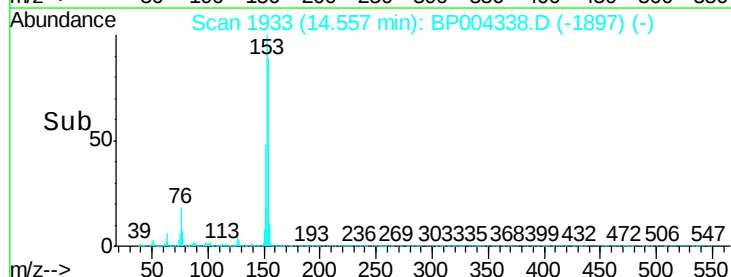
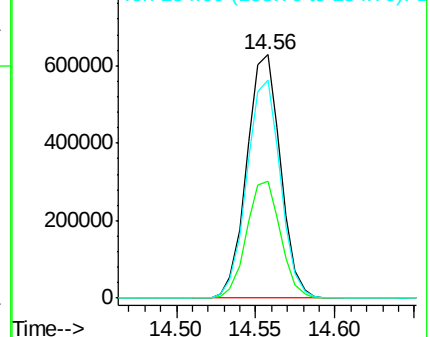
Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.8	56.6
154	89.5	69.8	104.8

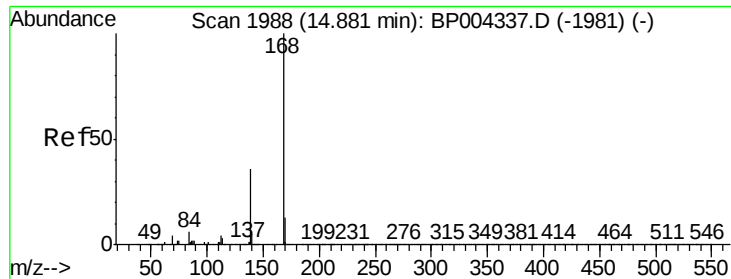


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 23.695 ng/ul

RT: 14.89 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

Instrument :

BNA_P

ClientSampleId :

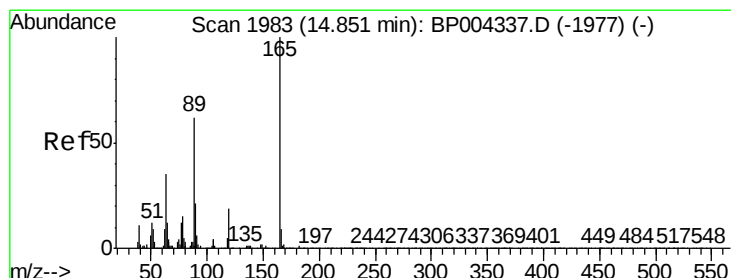
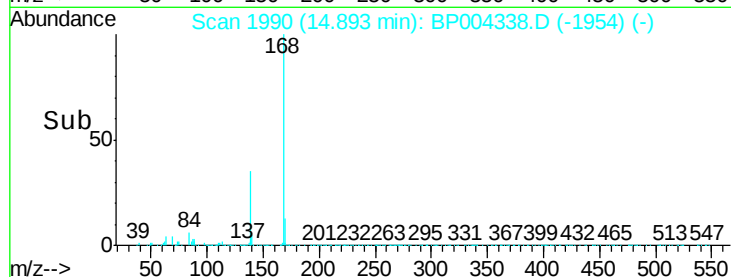
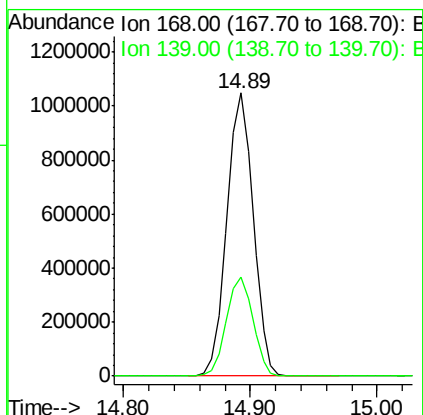
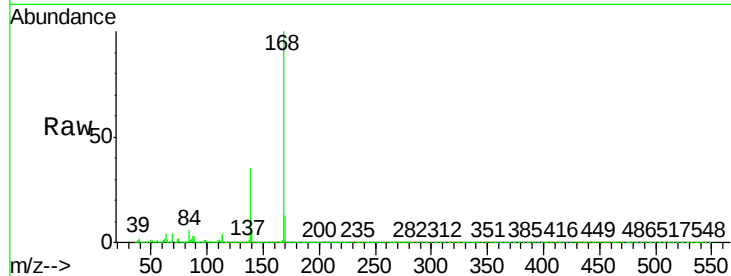
A54K3

Tot Ion:168 Resp: 1507300

Ion Ratio Lower Upper

168 100

139 35.1 29.0 43.6



#55

2,4-Dinitrotoluene

Concen: 19.529 ng/ul

RT: 14.86 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

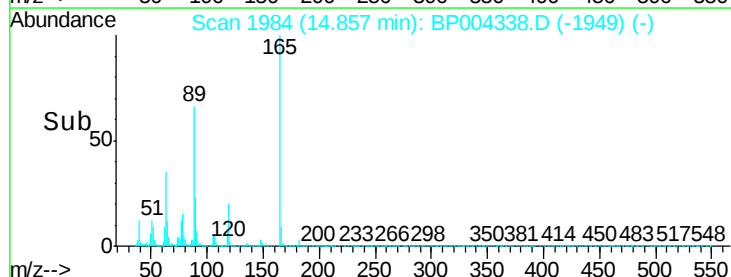
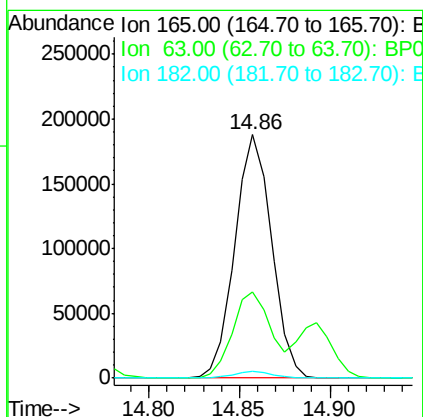
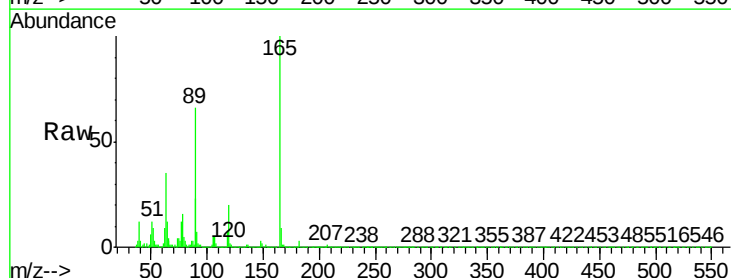
Tgt Ion:165 Resp: 264636

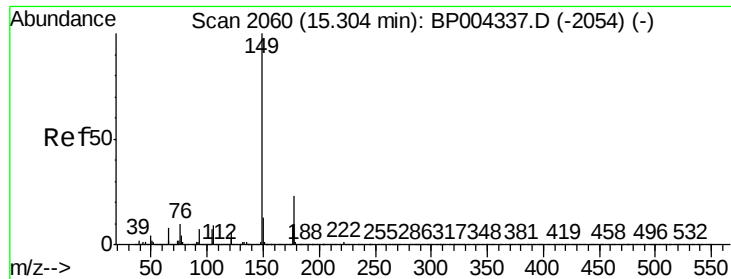
Ion Ratio Lower Upper

165 100

63 35.2 29.4 44.2

182 2.8 2.6 3.8

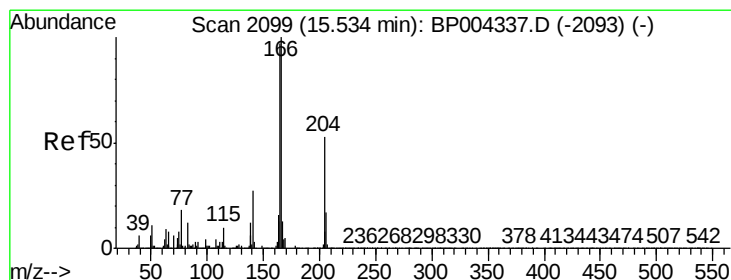
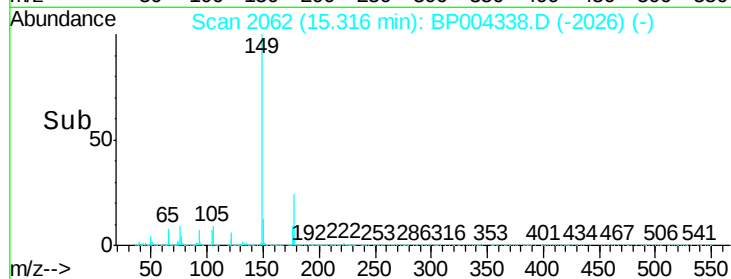
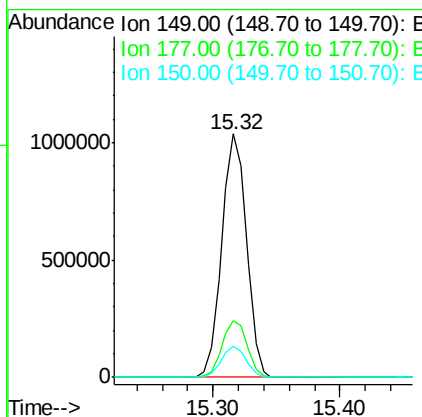
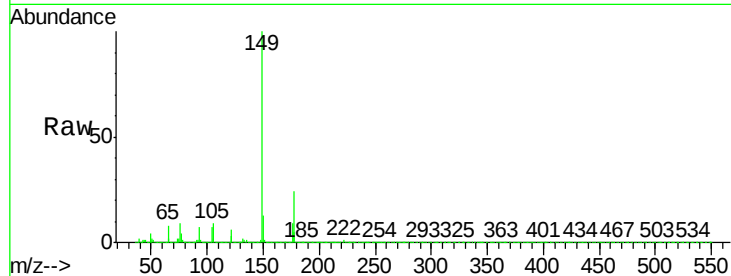




#57
Diethylphthalate
Concen: 29.122 ng/ul
RT: 15.32 min Scan# 2062
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

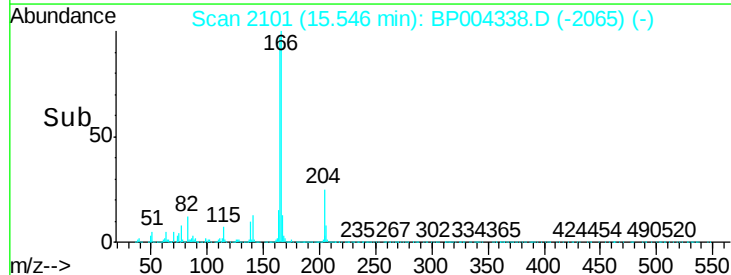
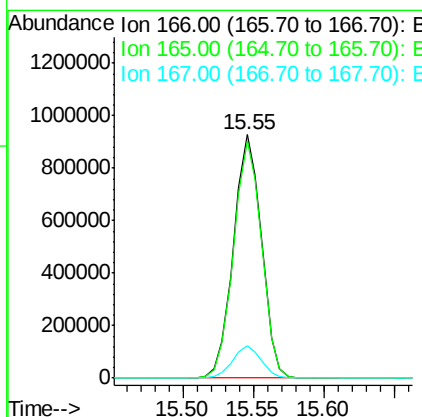
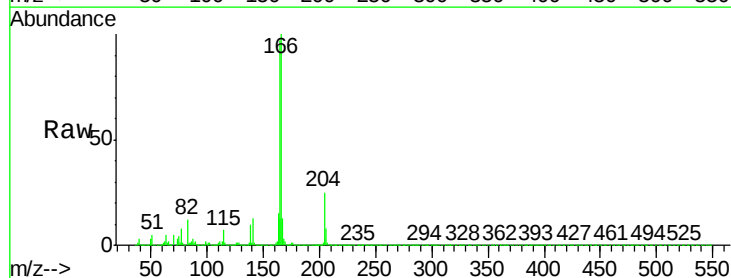
Instrument :
BNA_P
ClientSampled :
A54K3

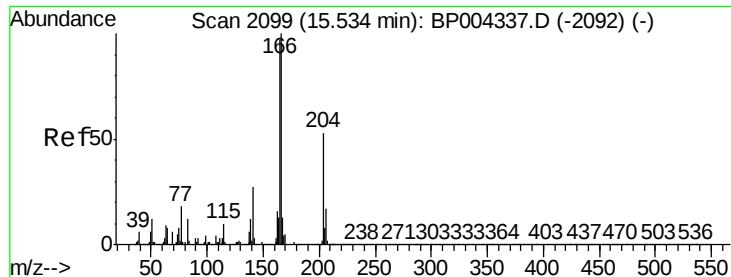
Tot Ion:149 Resp: 1401533
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.2
150 12.9 9.8 14.8



#59
Fluorene
Concen: 25.115 ng/ul
RT: 15.55 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

Tgt Ion:166 Resp: 1277859
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 13.3 10.8 16.2

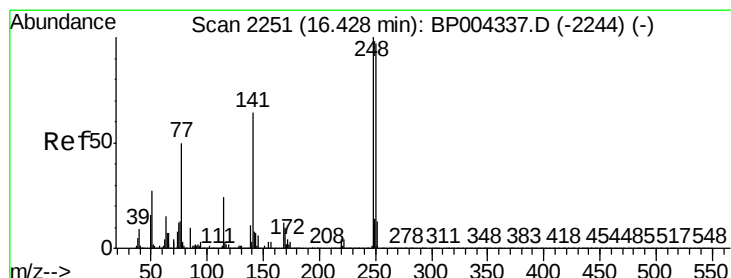
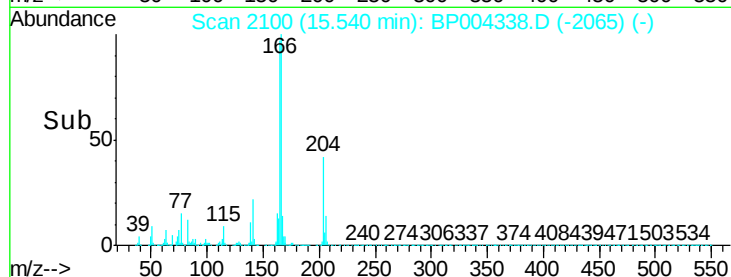
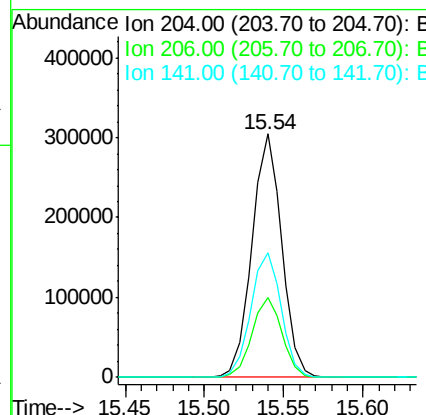
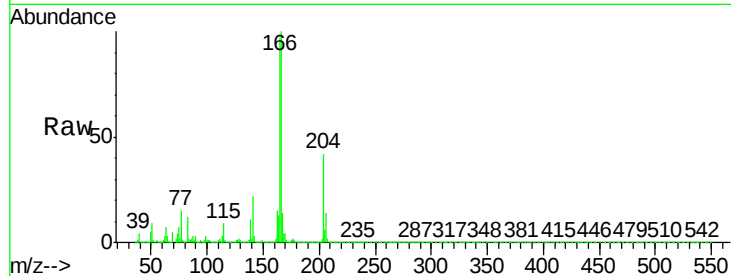




#60
4-Chlorophenyl-phenylether
Concen: 14.676 ng/ul
RT: 15.54 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

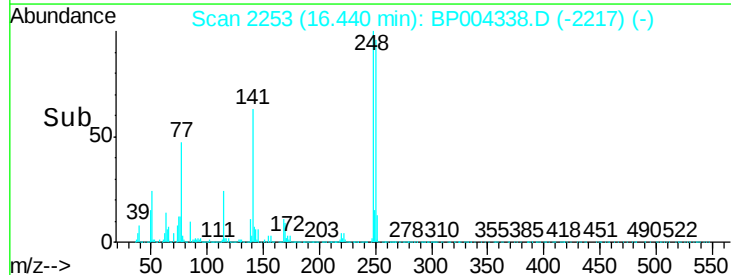
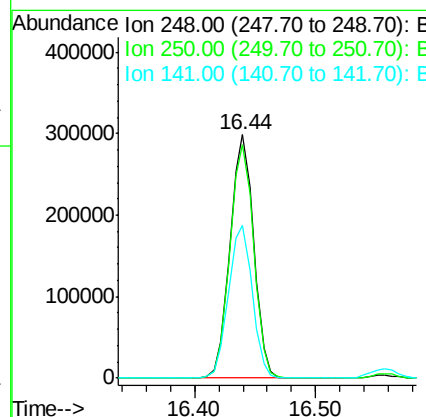
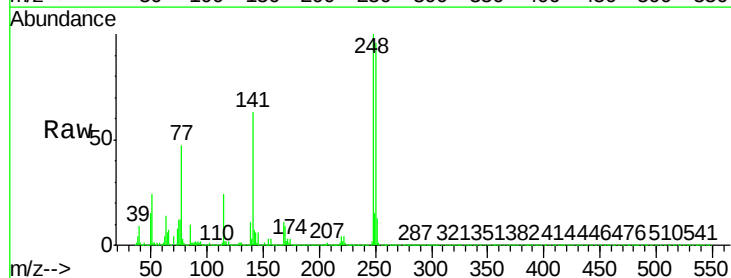
Instrument :
BNA_P
ClientSampleId :
A54K3

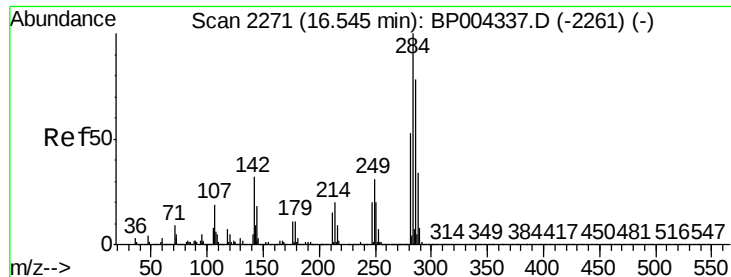
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	51.3	41.0	61.6



#66
4-Bromophenyl-phenylether
Concen: 23.927 ng/ul
RT: 16.44 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.1	118.7
141	62.8	53.7	80.5

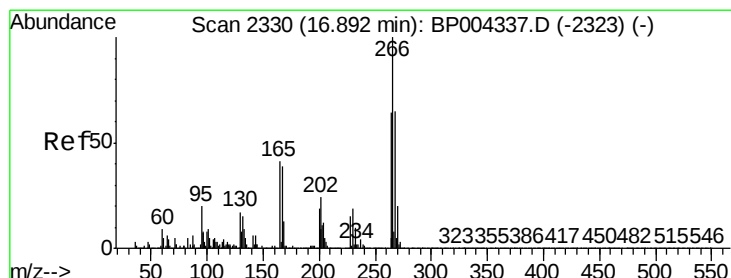
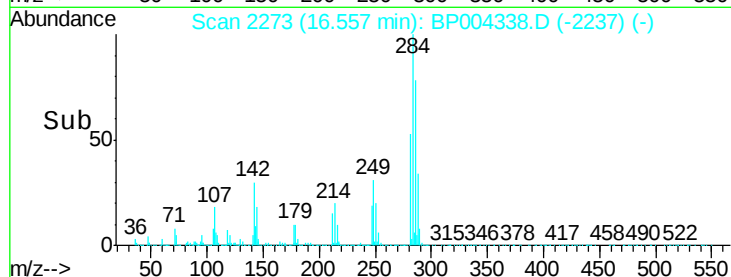
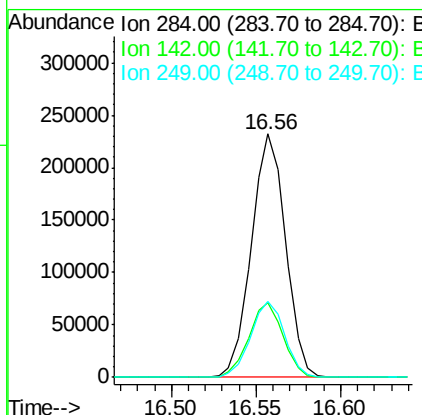
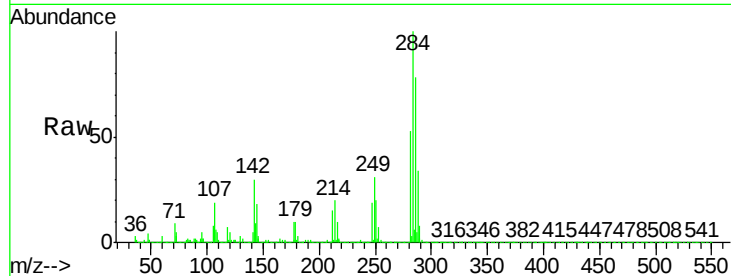




#67
Hexachlorobenzene
Concen: 16.160 ng/ul
RT: 16.56 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

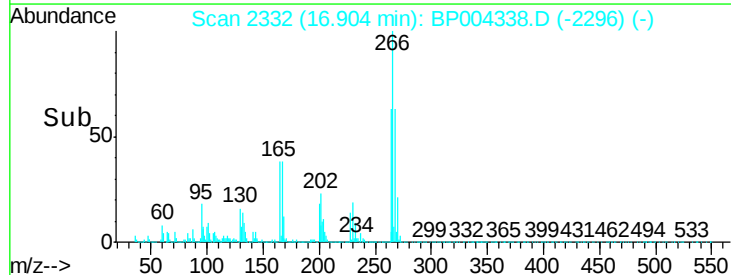
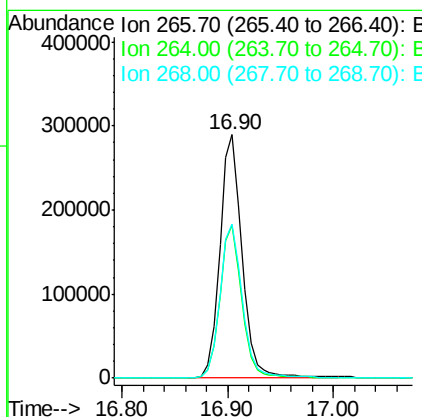
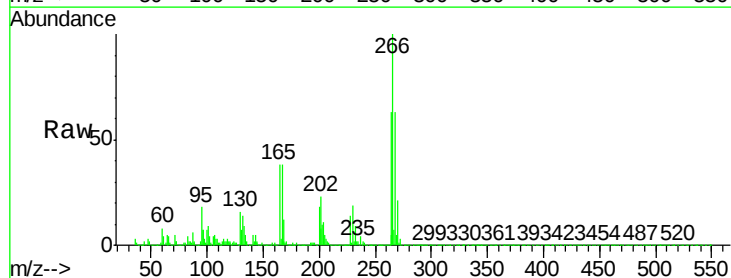
Instrument :
BNA_P
ClientSampleId :
A54K3

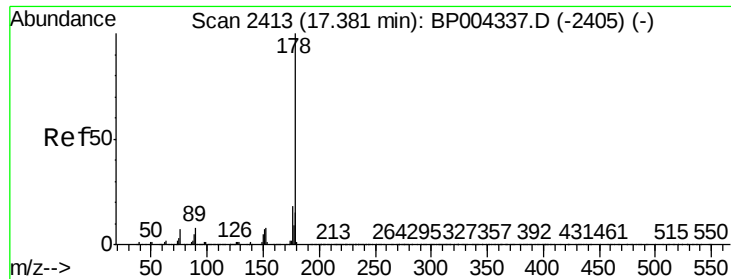
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.5	26.1	39.1
249	31.1	25.0	37.4



#69
Pentachlorophenol
Concen: 45.503 ng/ul
RT: 16.90 min Scan# 2332
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.8	74.6
268	63.1	52.0	78.0





#72

Anthracene

Concen: 39.124 ng/ul

RT: 17.39 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

Instrument :

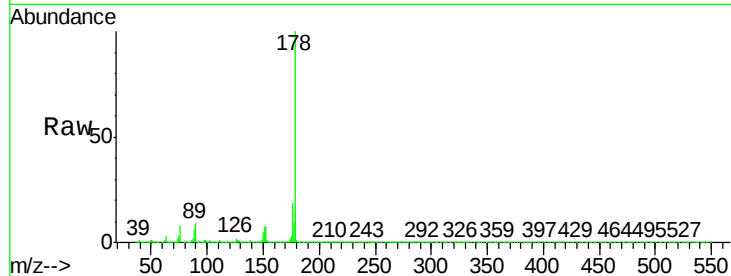
BNA_P

ClientSampleId :

A54K3

Tot Ion:178 Resp: 3318618

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.9	14.9	22.3

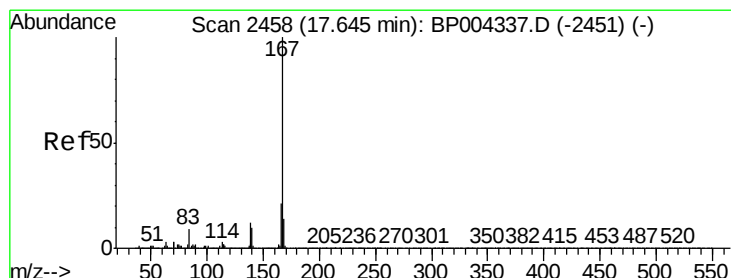
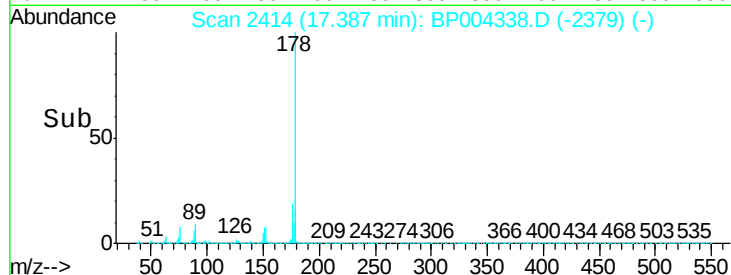
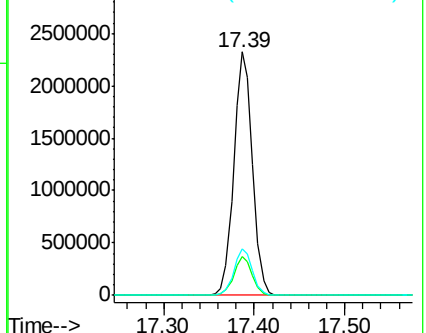


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 39.025 ng/ul

RT: 17.66 min Scan# 2460

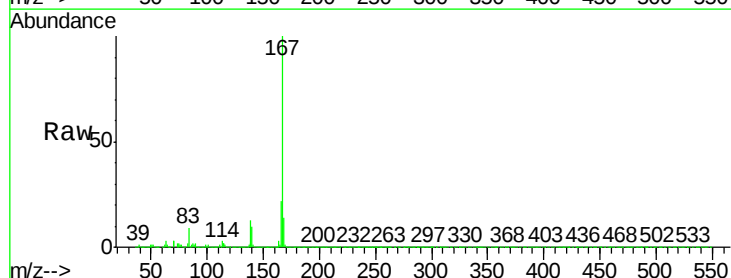
Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

Tgt Ion:167 Resp: 2693689

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.6	9.8	14.6

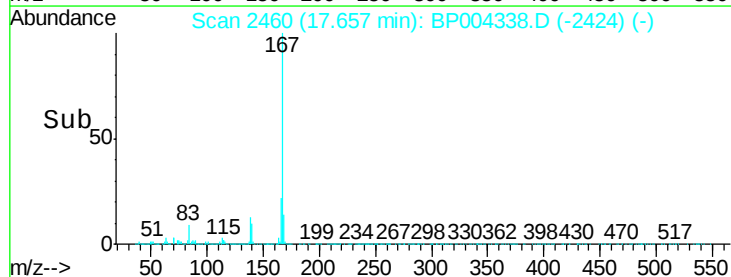
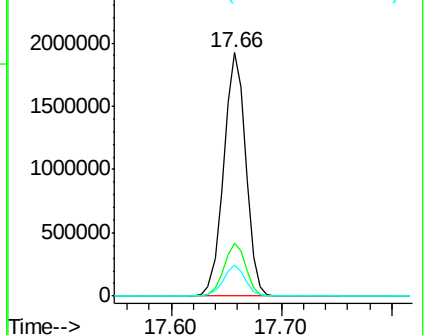


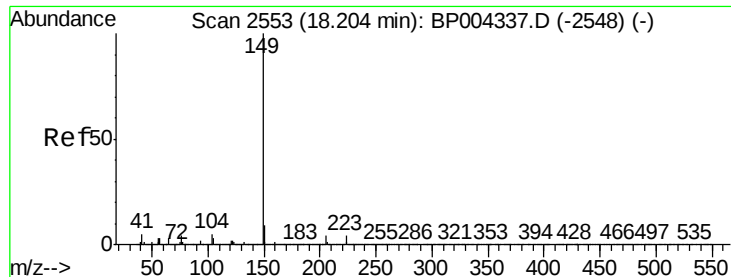
Abundance

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

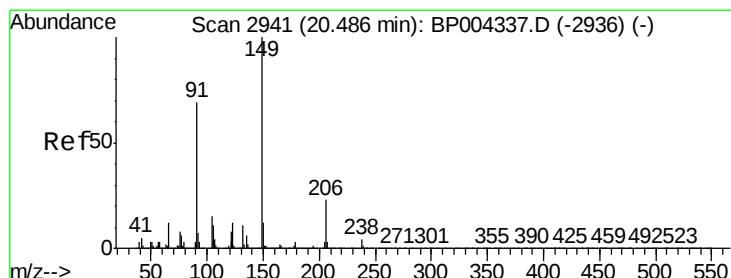
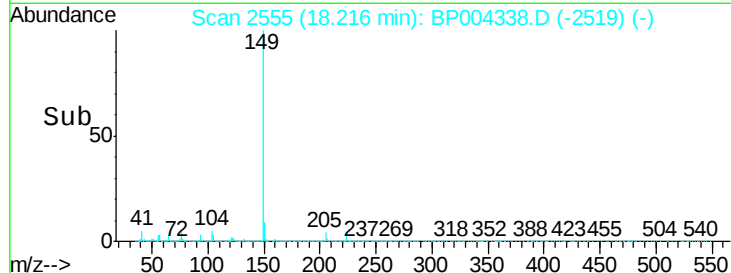
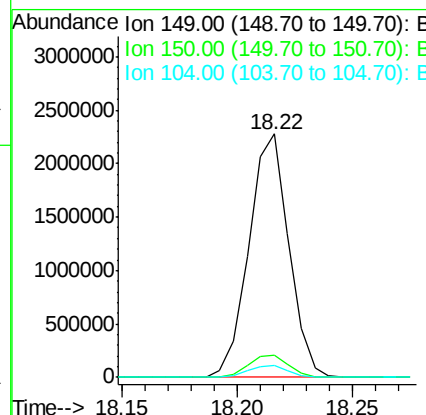
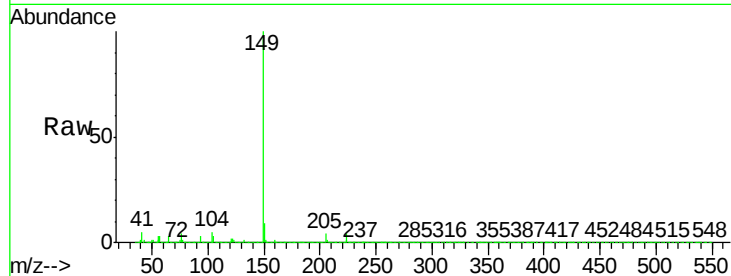




#76
Di-n-butylphthalate
Concen: 37.313 ng/ul
RT: 18.22 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

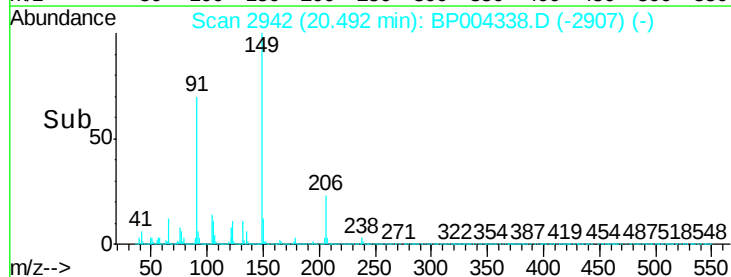
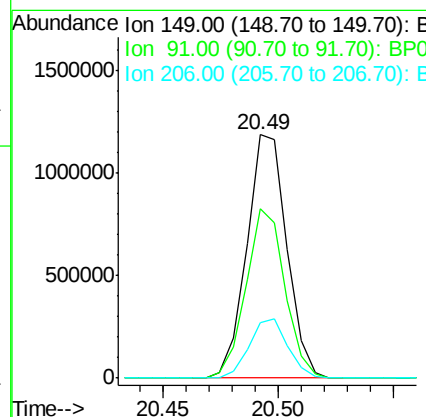
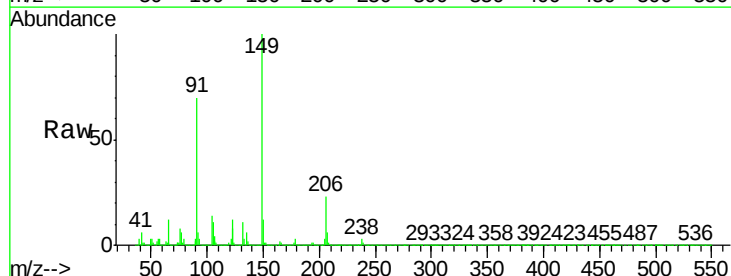
Instrument :
BNA_P
ClientSampleId :
A54K3

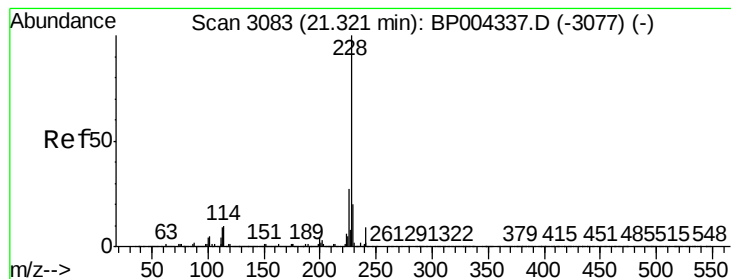
Tot Ion:149 Resp: 2744061
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.8 3.7 5.5



#81
Butylbenzylphthalate
Concen: 52.189 ng/ul
RT: 20.49 min Scan# 2942
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

Tgt Ion:149 Resp: 1434313
Ion Ratio Lower Upper
149 100
91 69.7 56.5 84.7
206 22.8 17.7 26.5





#83

Benzo(a)anthracene

Concen: 31.082 ng/ul

RT: 21.33 min Scan# 3085

Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

Instrument :

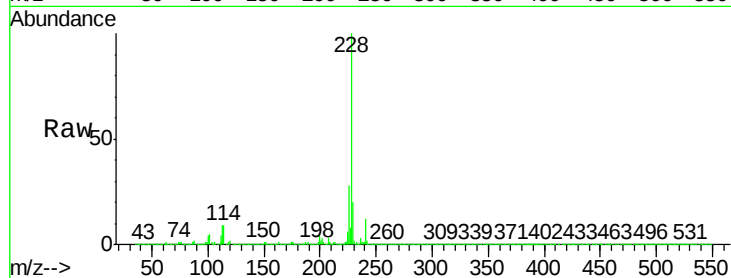
BNA_P

ClientSampleId :

A54K3

Tot Ion:228 Resp: 3024290

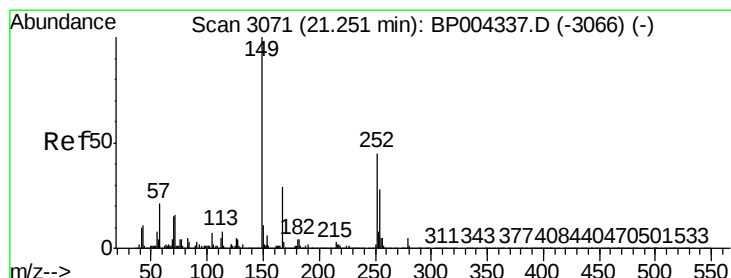
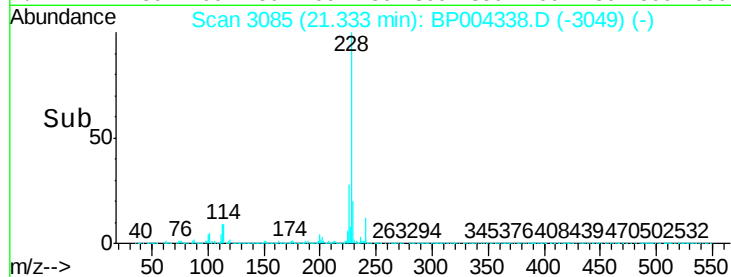
Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.8
226	27.7	21.7	32.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 28.638 ng/ul

RT: 21.26 min Scan# 3072

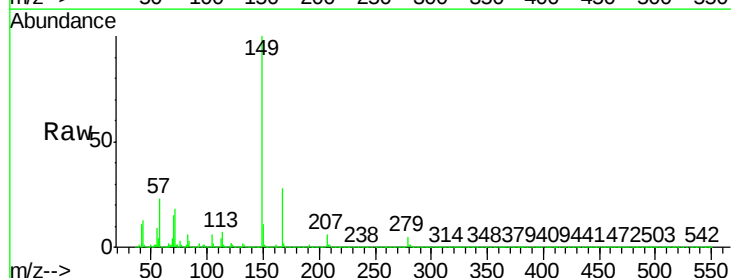
Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

Tgt Ion:149 Resp: 1274559

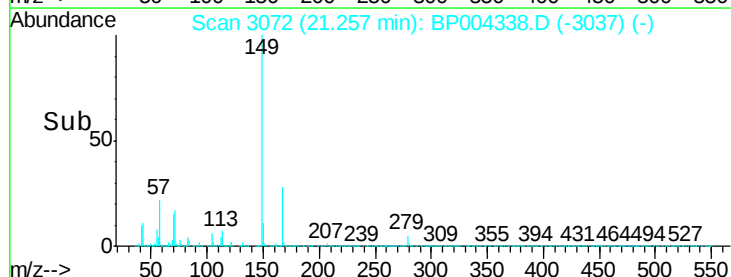
Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	4.7	3.6	5.4

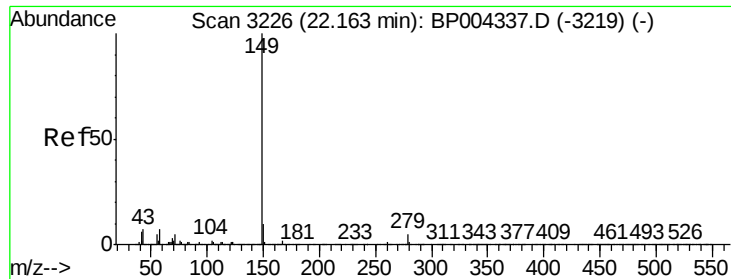


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Di-n-octyl phthalate

Concen: 55.157 ng/ul

RT: 22.17 min Scan# 3228

Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

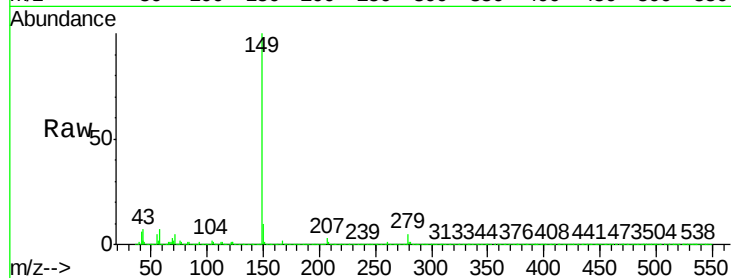
Instrument :

BNA_P

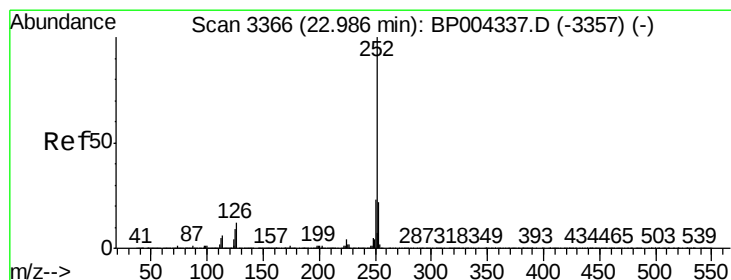
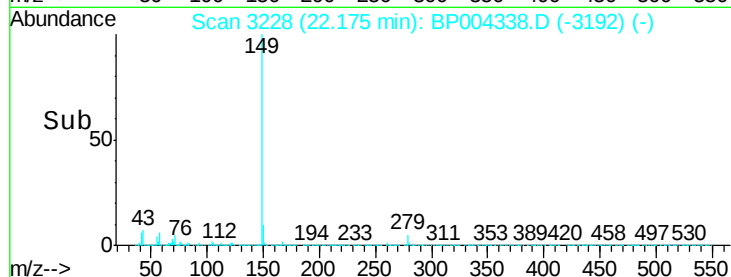
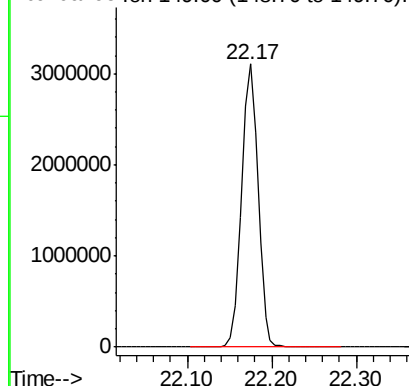
ClientSampleId :

A54K3

Tgt Ion:149 Resp: 4133292



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 15.846 ng/ul

RT: 23.00 min Scan# 3368

Delta R.T. 0.01 min

Lab File: BP004338.D

Acq: 17 Dec 2020 13:04

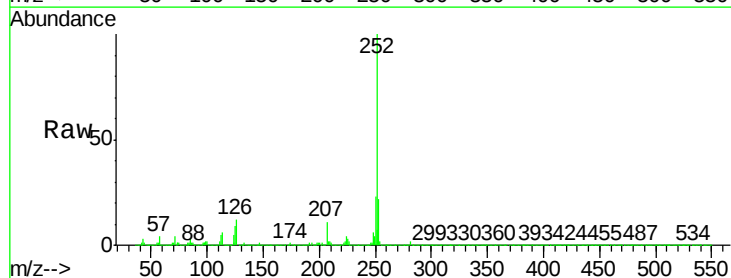
Tgt Ion:252 Resp: 1591803

Ion Ratio Lower Upper

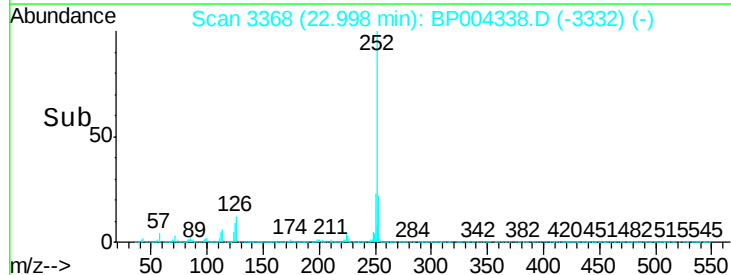
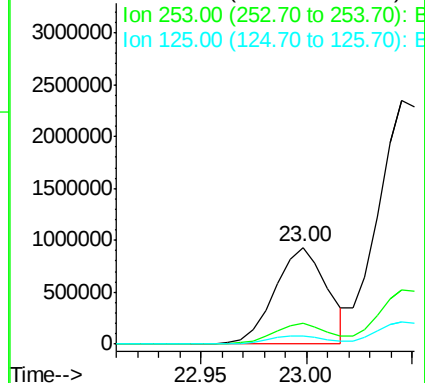
252 100

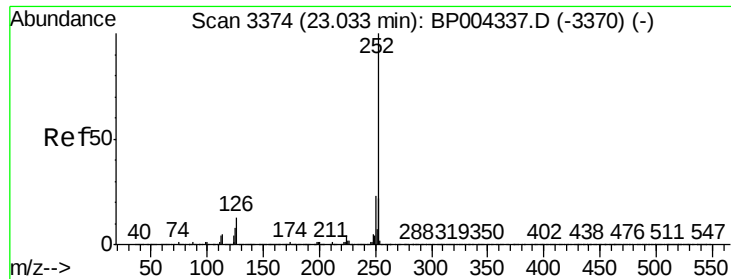
253 21.7 17.6 26.4

125 8.8 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

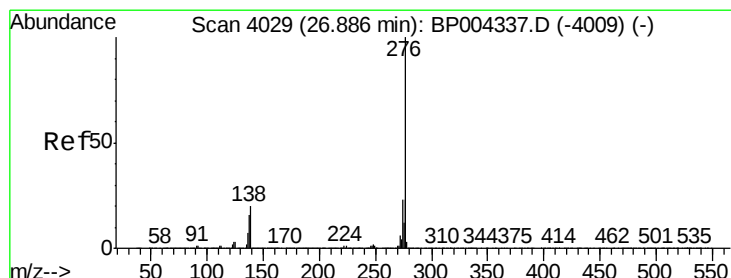
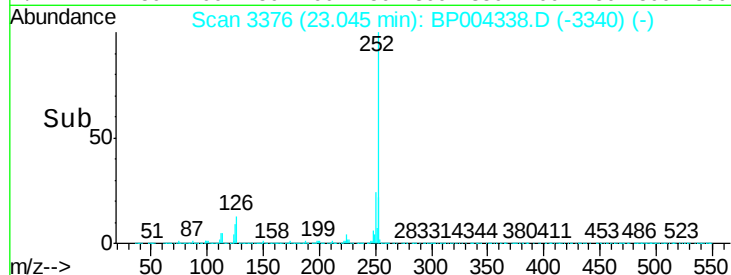
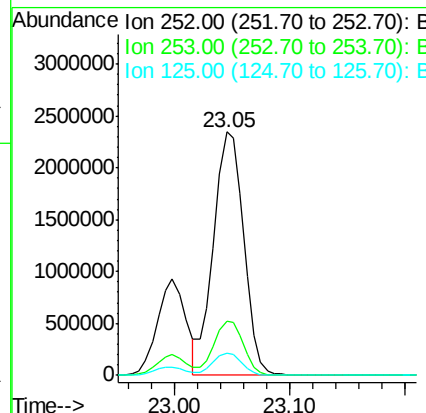
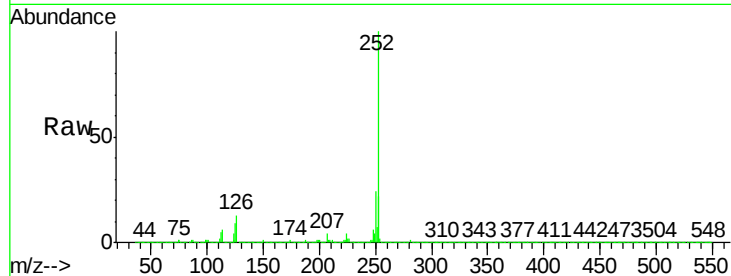




#89
Benzo(k)fluoranthene
Concen: 41.361 ng/ul
RT: 23.05 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

Instrument :
BNA_P
ClientSampleId :
A54K3

Tot Ion:252 Resp: 4267069
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 9.2 7.3 10.9



#94
Benzo(g,h,i)perylene
Concen: 26.816 ng/ul
RT: 26.90 min Scan# 4032
Delta R.T. 0.02 min
Lab File: BP004338.D
Acq: 17 Dec 2020 13:04

Tgt Ion:276 Resp: 2644739
Ion Ratio Lower Upper
276 100
138 19.1 16.6 25.0
277 24.1 18.5 27.7

