

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
 Data File : BM028206.D
 Acq On : 21 Dec 2020 12:01
 Operator : JU/CG
 Sample : L5071-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54K5

Quant Time: Dec 21 14:15:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 12:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	106127	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	422975	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	232645	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	455843	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	425300	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	421213	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	14741	5.52	ng/uL	0.00
5) Phenol-d5	7.34	99	291044	32.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	171943	30.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	244541	32.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	223709	30.68	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	111003	33.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	118308	35.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	226774	33.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	272199	33.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	612184	34.16	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	805642	35.83	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	106355	32.63	ng/ul	0.00
58) Fluorene-d10	15.81	176	527141	32.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	79346	29.23	ng/ul	0.00
71) Anthracene-d10	17.64	188	795546	35.16	ng/ul	0.00
79) Pyrene-d10	19.90	212	851409	35.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.88	264	871517	37.57	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.45	88	60744	22.050	ng/uL 90
8) Bis(2-Chloroethyl)ether	7.61	93	304387	41.044	ng/ul 94
10) 2-Chlorophenol	7.76	128	287038	37.303	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.73	45	364977	28.858	ng/ul 99
15) N-Nitroso-di-n-propylamine	9.02	70	114355	20.775	ng/ul 92
17) Hexachloroethane	9.30	117	80487	24.612	ng/ul 98
20) Nitrobenzene	9.42	77	270640	32.980	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.42	93	260027	26.847	ng/ul 98
27) 2,4-Dichlorophenol	10.67	162	217357	32.685	ng/ul 98
28) Naphthalene	11.08	128	596610	24.874	ng/ul 99
31) Hexachlorobutadiene	11.36	225	83771	19.038	ng/ul 98
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	102723	13.472	ng/ul 97
38) Hexachlorocyclopentadiene	13.02	237	99935	21.633	ng/ul 99
39) 2,4,6-Trichlorophenol	13.27	196	208735	44.986	ng/ul 98
40) 2,4,5-Trichlorophenol	13.34	196	146432	29.154	ng/ul 100
42) 2-Chloronaphthalene	13.72	162	416832	27.169	ng/ul 98
45) Dimethylphthalate	14.27	163	627662	34.271	ng/ul 99
46) 2,6-Dinitrotoluene	14.40	165	68384	19.641	ng/ul 98
48) Acenaphthylene	14.56	152	558723	24.513	ng/ul 99
50) Acenaphthene	14.89	153	330524	20.204	ng/ul 99
54) Dibenzofuran	15.22	168	514049	22.959	ng/ul 96
55) 2,4-Dinitrotoluene	15.17	165	77197	15.398	ng/ul 95
57) Diethylphthalate	15.62	149	461244	24.763	ng/ul 97

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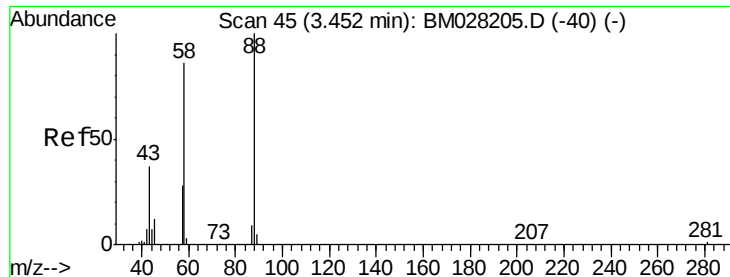
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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) Fluorene	15.87	166	431132	23.060	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.85	204	123793	13.590	ng/ul	99
66) 4-Bromophenyl-phenylether	16.74	248	113914	21.830	ng/ul	99
67) Hexachlorobenzene	16.86	284	91637	15.356	ng/ul	94
69) Pentachlorophenol	17.20	266	119884	35.603	ng/ul	99
72) Anthracene	17.68	178	1035406	36.869	ng/ul	99
75) Carbazole	17.94	167	856055	36.543	ng/ul	99
76) Di-n-butylphthalate	18.49	149	865976	30.031	ng/ul	99
81) Butylbenzylphthalate	20.80	149	429547	35.705	ng/ul	96
83) Benzo(a)anthracene	21.64	228	807296	28.319	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	373141	21.856	ng/ul	98
87) Di-n-octyl phthalate	22.46	149	1240527	40.904	ng/ul	100
88) Benzo(b)fluoranthene	23.31	252	435505	15.292	ng/ul	99
89) Benzo(k)fluoranthene	23.36	252	1088355	38.532	ng/ul	99
94) Benzo(a,h,i)perylene	27.21	276	642481	26.096	ng/ul	100

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



#2

1,4-Dioxane

Concen: 22.050 ng/uL

RT: 3.45 min Scan# 44

Delta R.T. -0.01 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

Instrument :

BNA_M

ClientSampleId :

A54K5

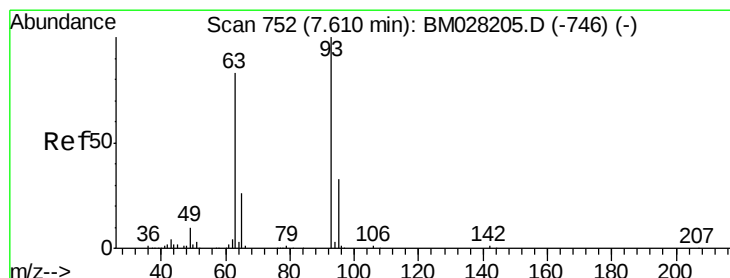
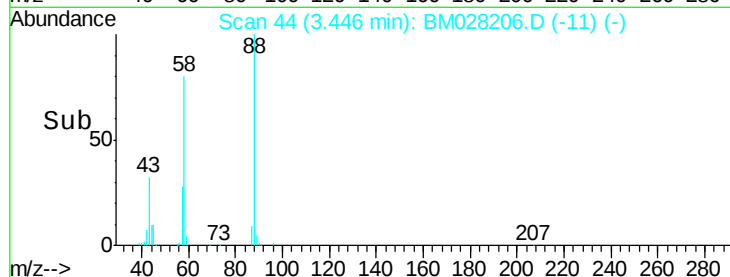
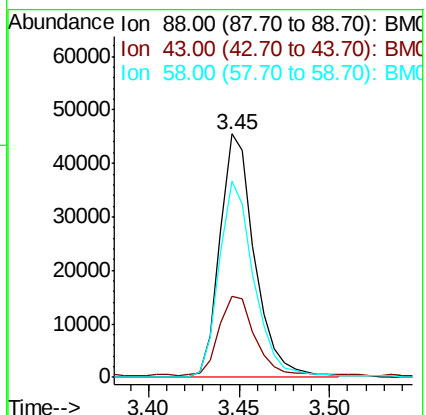
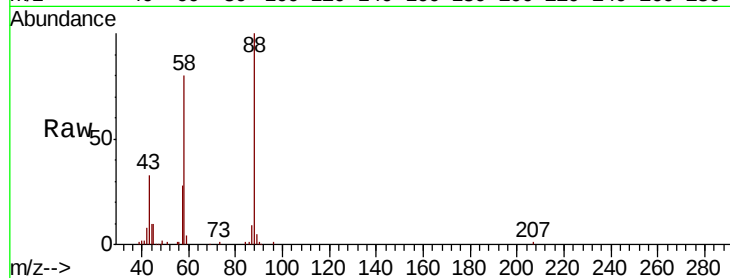
Tot Ion: 88 Resp: 60744

Ion Ratio Lower Upper

88 100

43 33.2 31.6 47.4

58 80.4 72.3 108.5



#8

Bis(2-Chloroethyl)ether

Concen: 41.044 ng/uL

RT: 7.61 min Scan# 752

Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

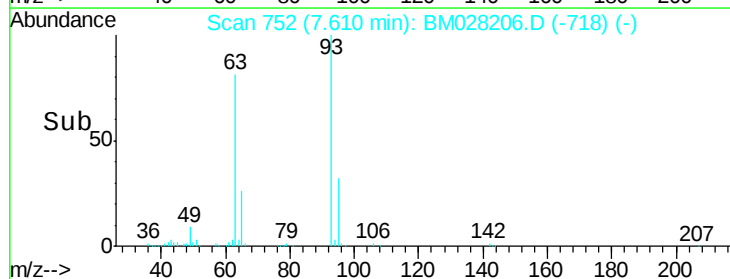
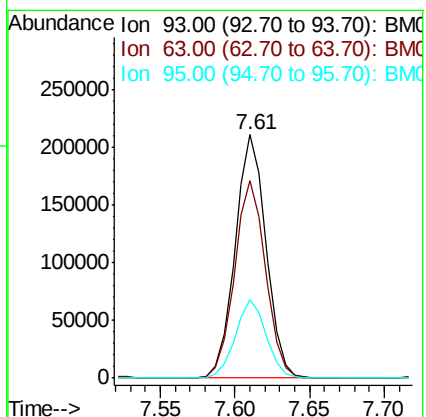
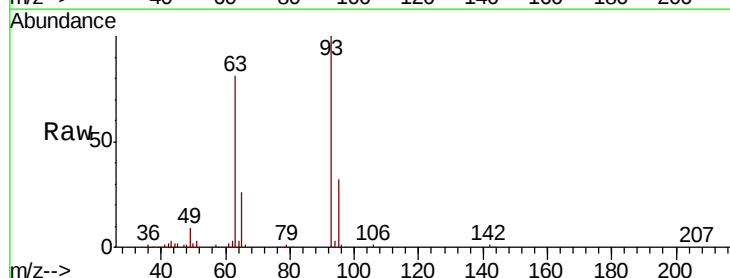
Tgt Ion: 93 Resp: 304387

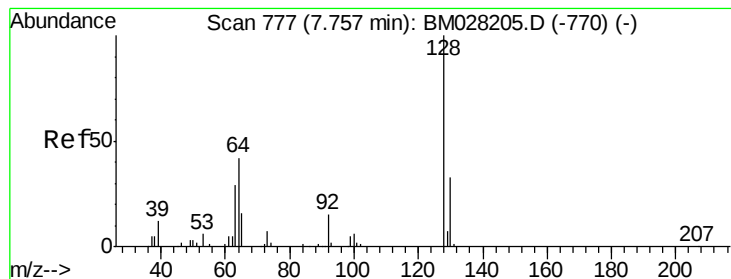
Ion Ratio Lower Upper

93 100

63 81.2 69.6 104.4

95 32.3 27.6 41.4





#10

2-Chlorophenol

Concen: 37.303 ng/ul

RT: 7.76 min Scan# 777

Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

Instrument :

BNA_M

ClientSampleId :

A54K5

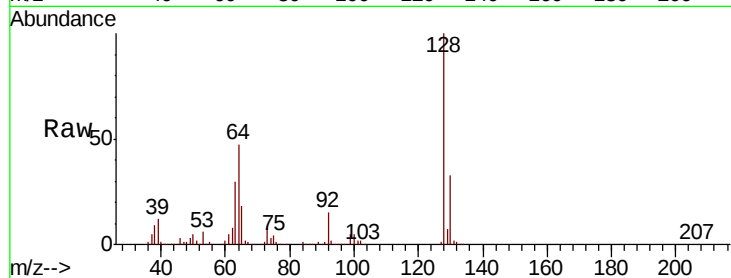
Tot Ion:128 Resp: 287038

Ion Ratio Lower Upper

128 100

64 46.5 37.4 56.0

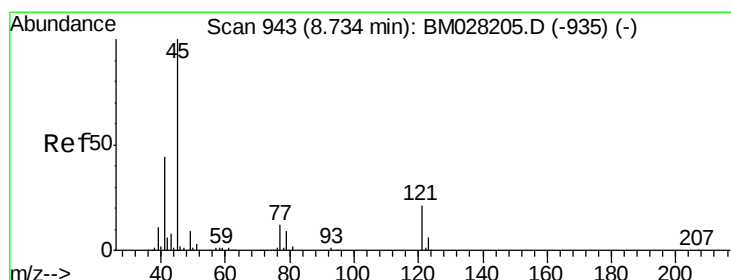
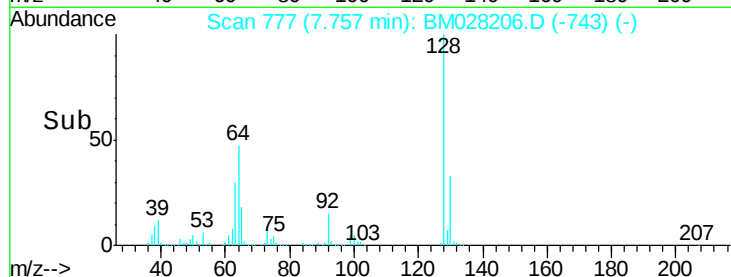
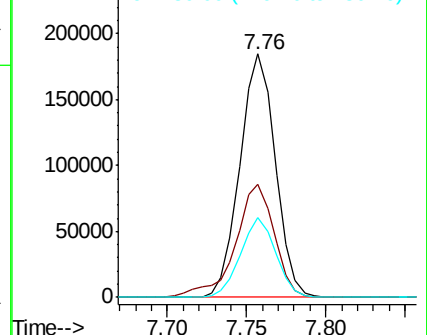
130 32.8 25.8 38.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#12

2,2'-oxybis(1-chloropropane)

Concen: 28.858 ng/ul

RT: 8.73 min Scan# 942

Delta R.T. -0.01 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

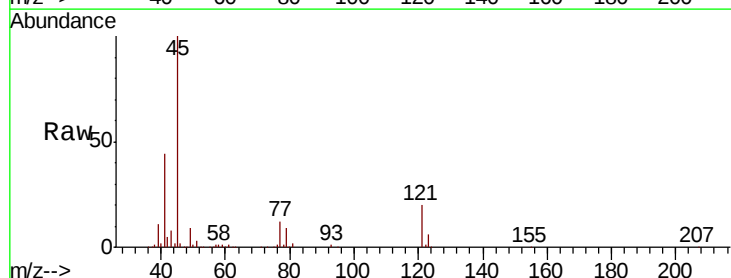
Tgt Ion: 45 Resp: 364977

Ion Ratio Lower Upper

45 100

77 12.0 9.1 13.7

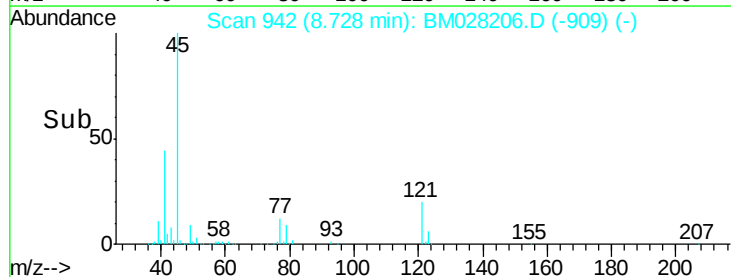
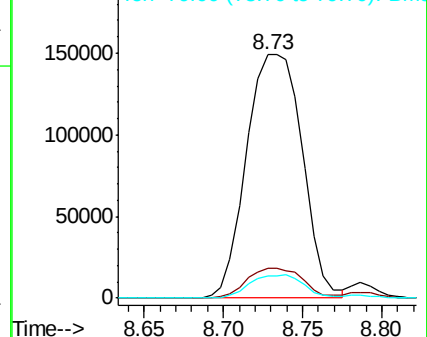
79 8.9 7.3 10.9

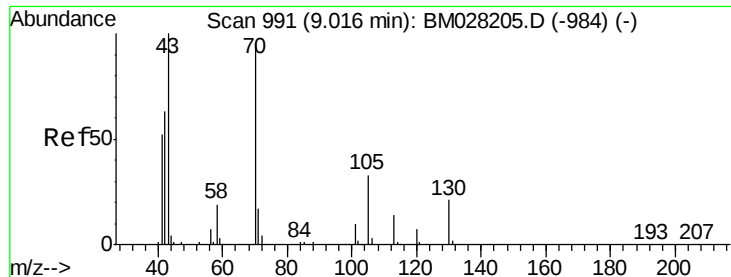


Abundance Ion 45.00 (44.70 to 45.70): BM

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM

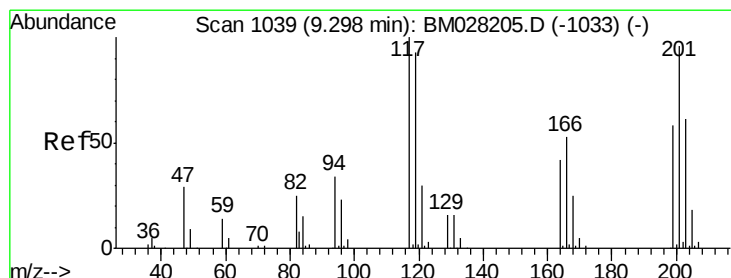
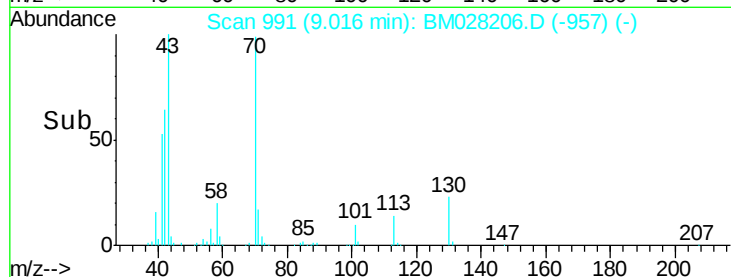
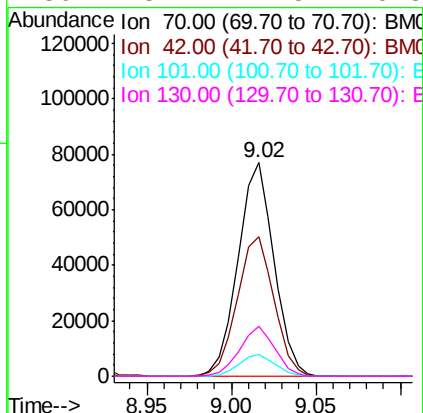
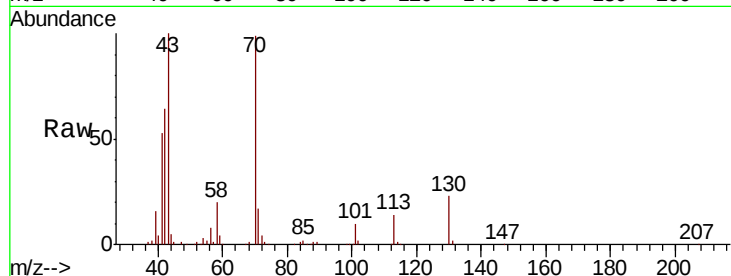




#15
N-Nitroso-di-n-propylamine
Concen: 20.775 ng/ul
RT: 9.02 min Scan# 991
Delta R.T. -0.00 min
Lab File: BM028206.D
Acq: 21 Dec 2020 12:01

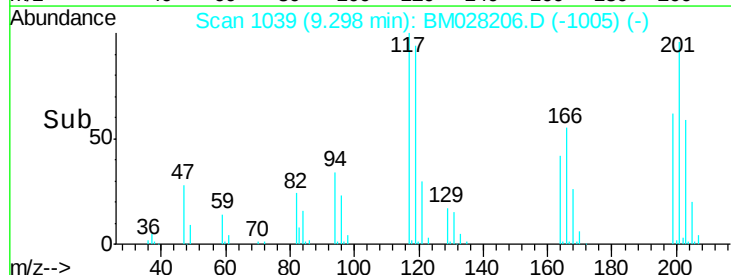
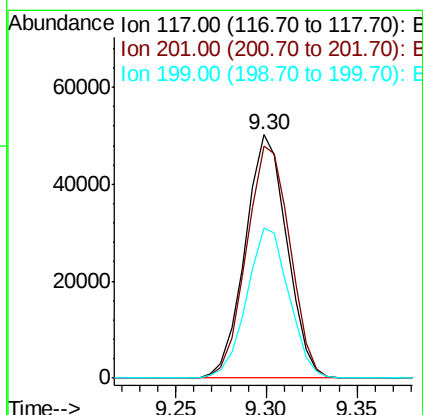
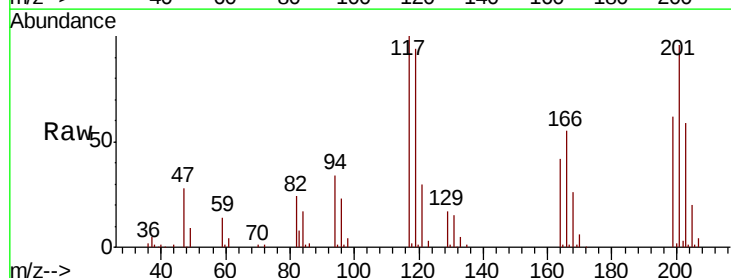
Instrument :
BNA_M
ClientSampleId :
A54K5

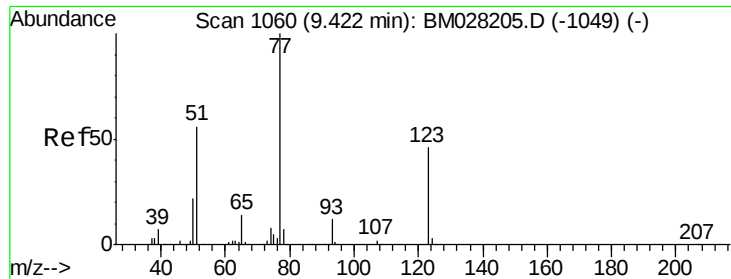
Tot Ion: 70 Resp: 114355
Ion Ratio Lower Upper
70 100
42 65.1 59.4 89.2
101 10.4 8.1 12.1
130 23.2 17.5 26.3



#17
Hexachloroethane
Concen: 24.612 ng/ul
RT: 9.30 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BM028206.D
Acq: 21 Dec 2020 12:01

Tgt Ion: 117 Resp: 80487
Ion Ratio Lower Upper
117 100
201 95.5 77.8 116.8
199 61.5 47.1 70.7

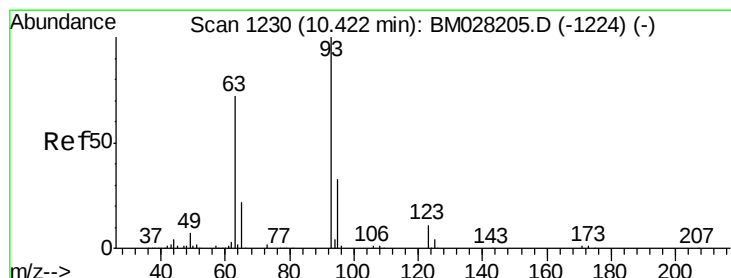
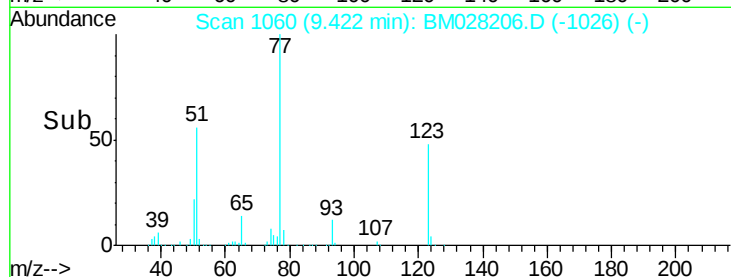
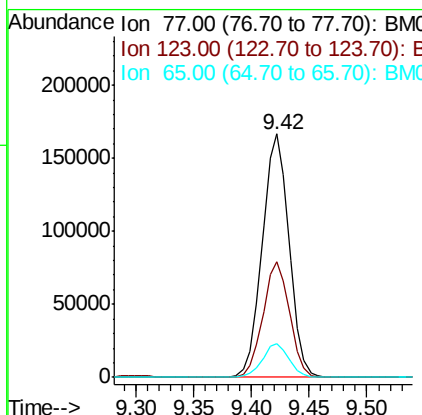
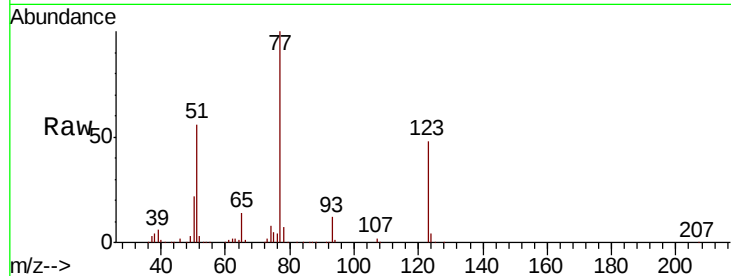




#20
 Nitrobenzene
 Concen: 32.980 ng/ul
 RT: 9.42 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BM028206.D
 Acq: 21 Dec 2020 12:01

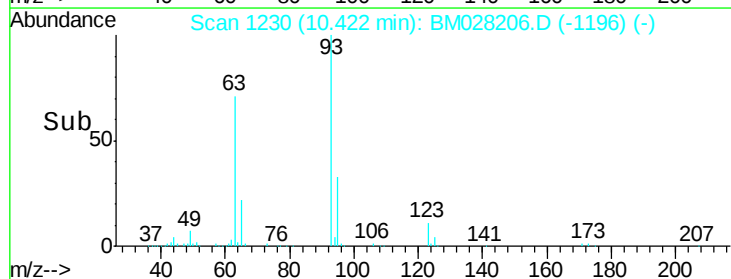
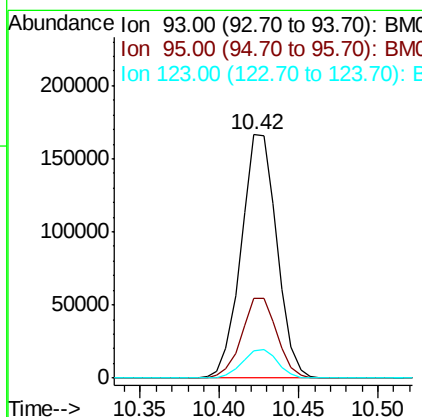
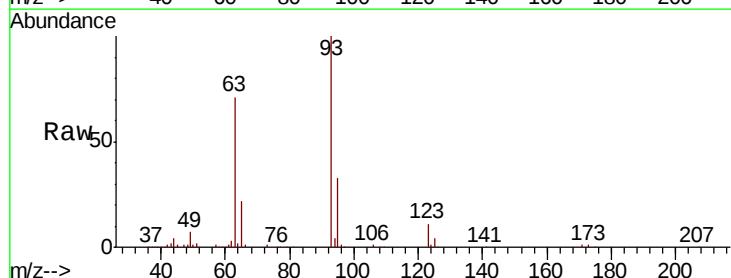
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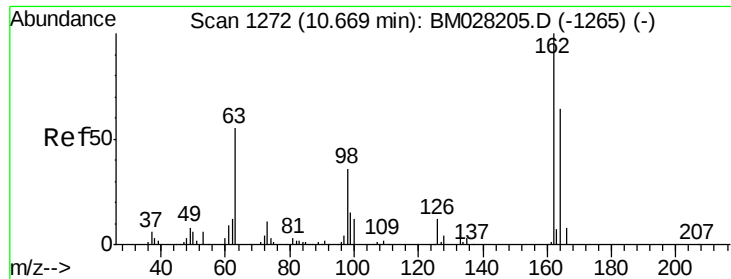
Tot Ion	77	Resp	270640
Ion Ratio	Lower	Upper	
77	100		
123	47.6	35.3	52.9
65	13.7	11.4	17.2



#25
 Bis(2-Chloroethoxy)methane
 Concen: 26.847 ng/ul
 RT: 10.42 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BM028206.D
 Acq: 21 Dec 2020 12:01

Tgt Ion	93	Resp	260027
Ion Ratio	Lower	Upper	
93	100		
95	32.7	25.0	37.6
123	11.4	9.2	13.8

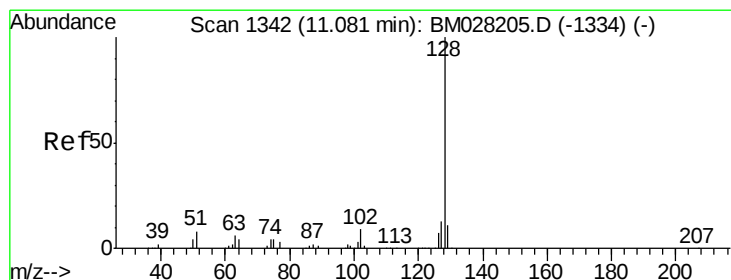
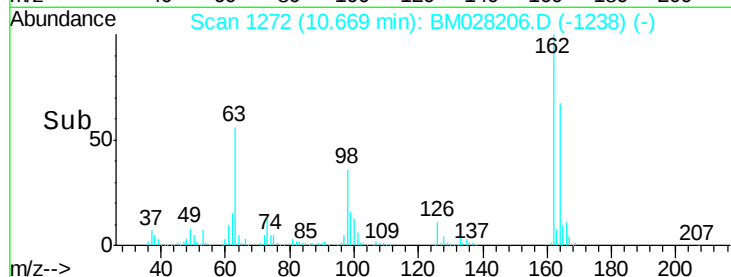
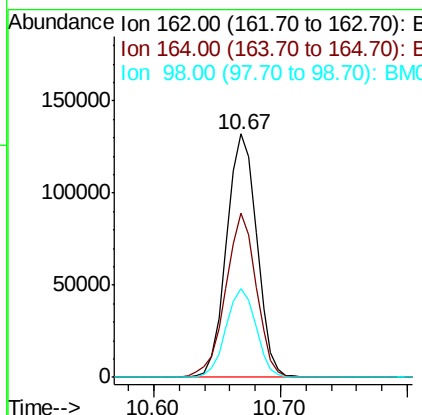
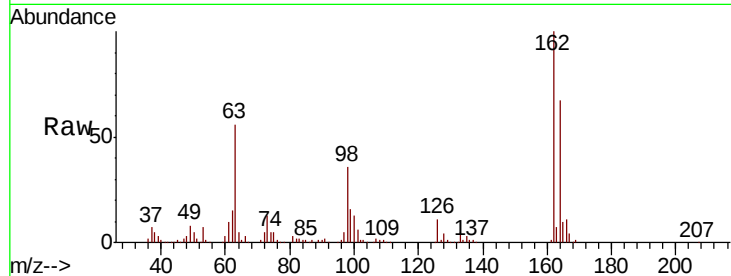




#27
2,4-Dichlorophenol
Concen: 32.685 ng/ul
RT: 10.67 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BM028206.D
Acq: 21 Dec 2020 12:01

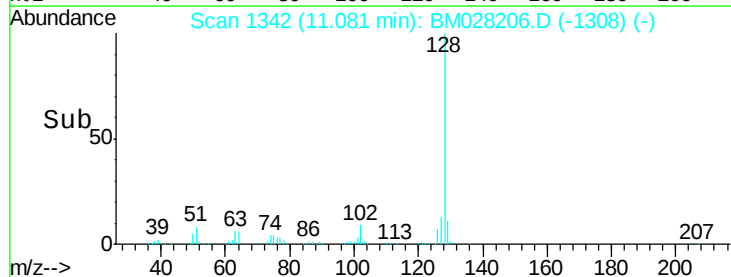
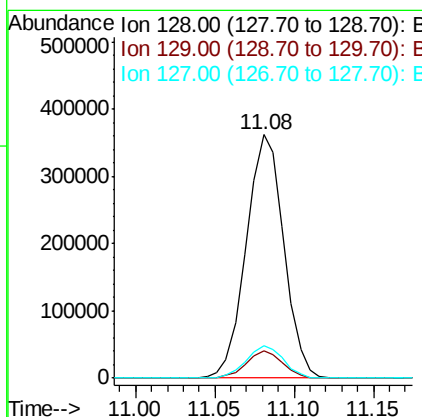
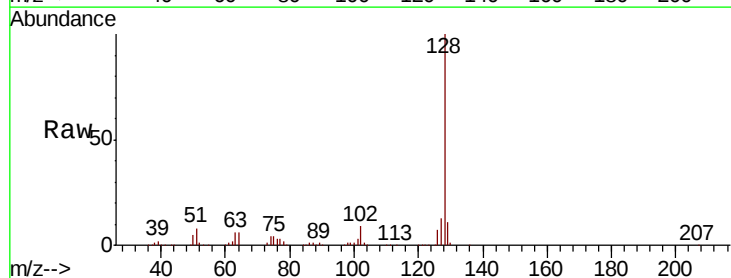
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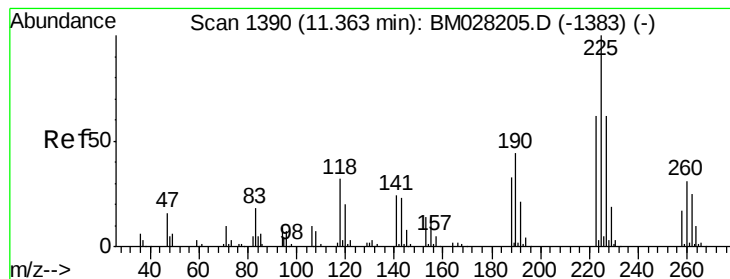
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	52.2	78.2
98	36.5	29.3	43.9



#28
Naphthalene
Concen: 24.874 ng/ul
RT: 11.08 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BM028206.D
Acq: 21 Dec 2020 12:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.3	10.2	15.4





#31

Hexachlorobutadiene

Concen: 19.038 ng/ul

RT: 11.36 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

Instrument :

BNA_M

ClientSampleId :

A54K5

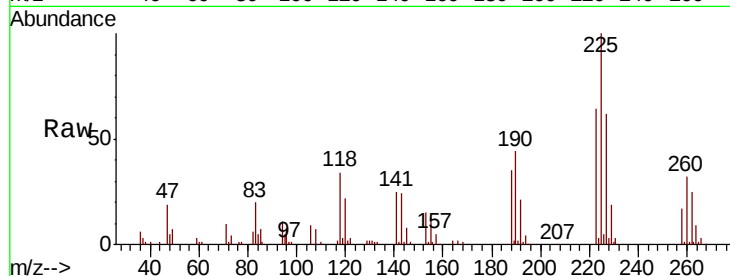
Tot Ion:225 Resp: 83771

Ion Ratio Lower Upper

225 100

223 63.9 49.9 74.9

227 62.2 51.2 76.8

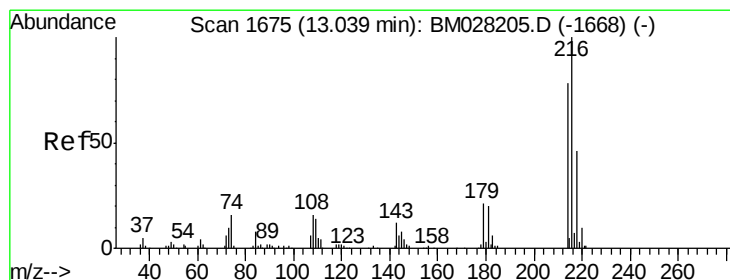
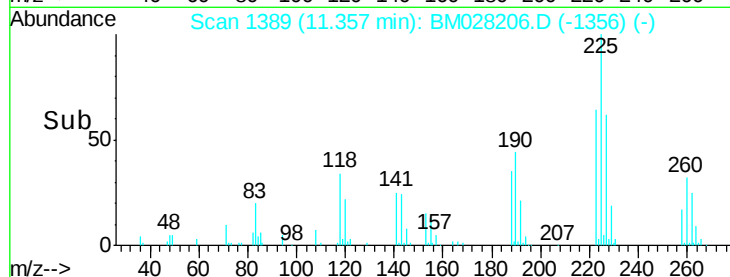
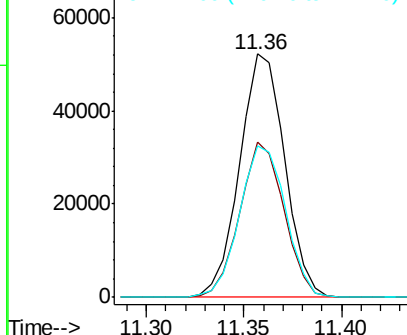


Abundance

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



#37

1,2,4,5-Tetrachlorobenzene

Concen: 13.472 ng/ul

RT: 13.04 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

Tgt Ion:216 Resp: 102723

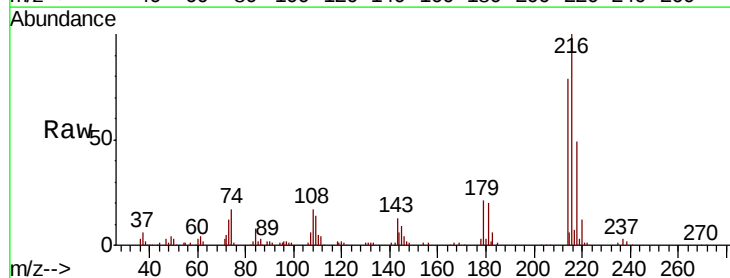
Ion Ratio Lower Upper

216 100

214 79.4 60.9 91.3

179 21.4 17.0 25.6

108 17.4 13.8 20.6



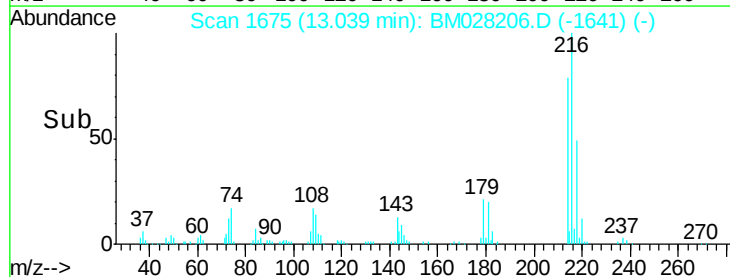
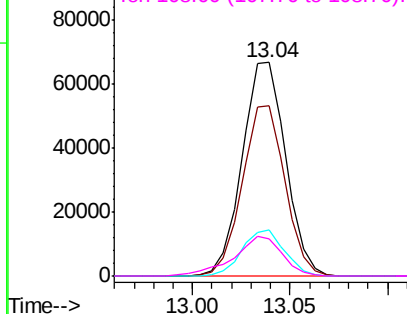
Abundance

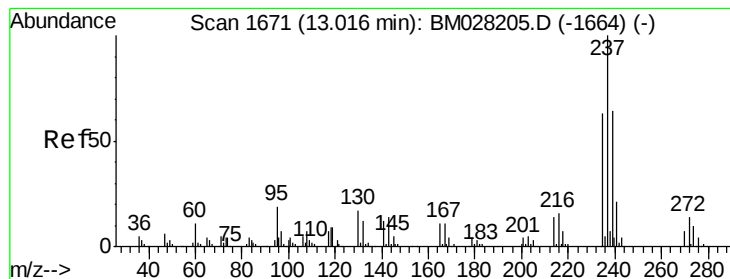
Ion 216.00 (215.70 to 216.70): E

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





#38

Hexachlorocyclopentadiene

Concen: 21.633 ng/ul

RT: 13.02 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

Instrument :

BNA_M

ClientSampleId :

A54K5

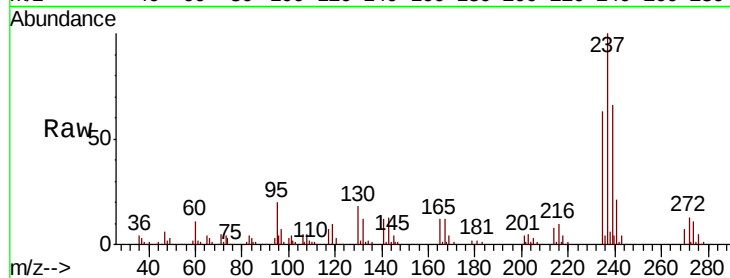
Tot Ion:237 Resp: 99935

Ion Ratio Lower Upper

237 100

235 63.2 50.0 75.0

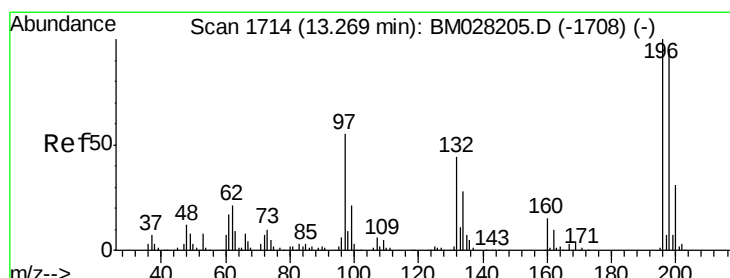
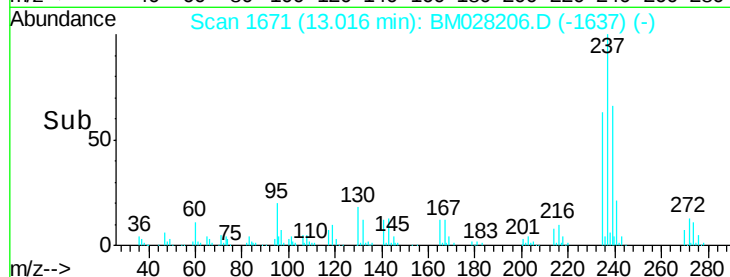
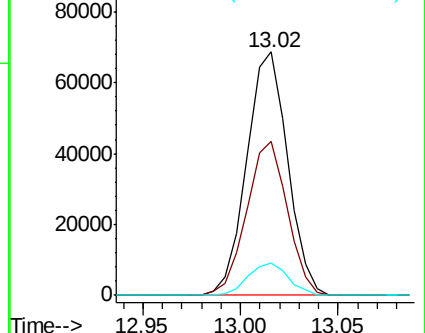
272 13.9 10.6 16.0



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: 44.986 ng/ul

RT: 13.27 min Scan# 1714

Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

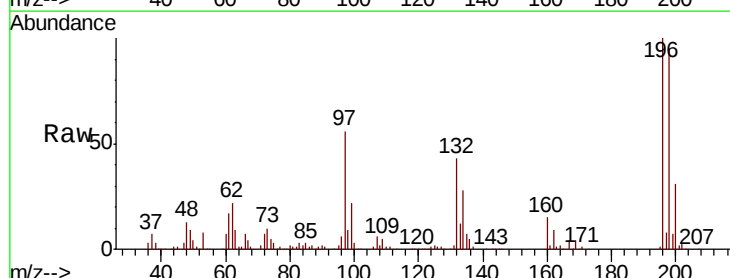
Tgt Ion:196 Resp: 208735

Ion Ratio Lower Upper

196 100

198 94.9 74.2 111.2

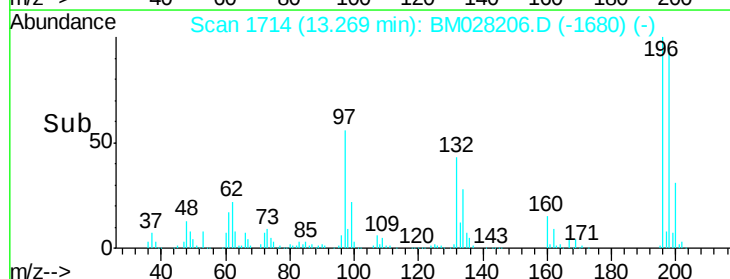
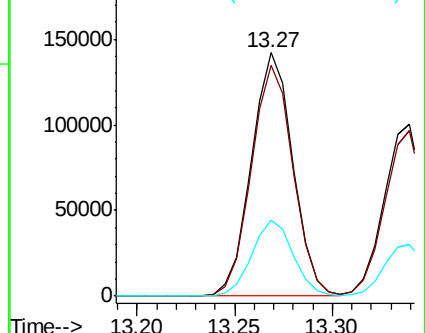
200 31.1 23.5 35.3

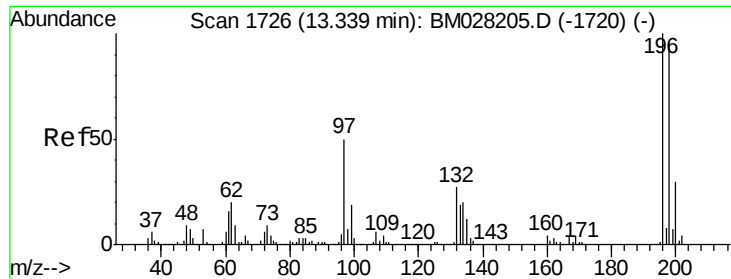


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

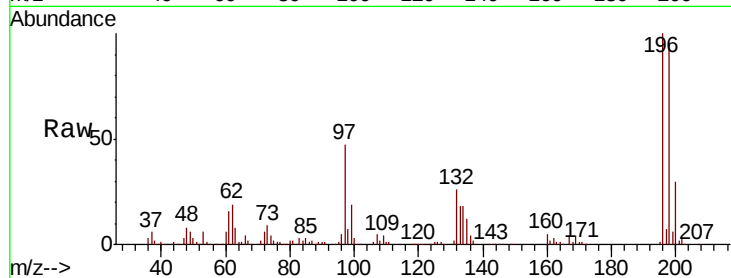




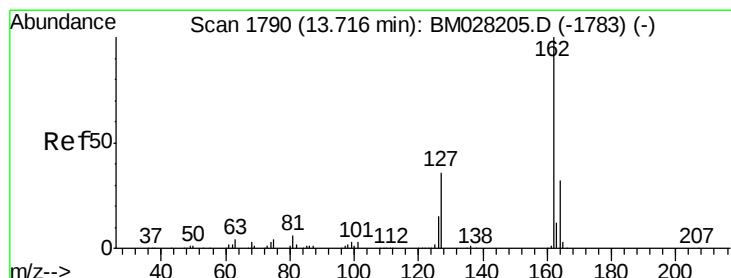
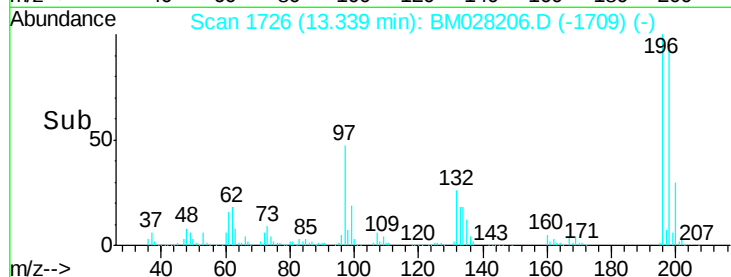
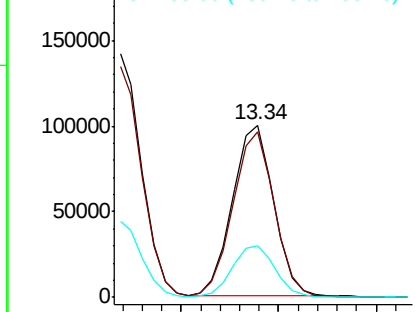
#40
 2,4,5-Trichlorophenol
 Concen: 29.154 ng/uL
 RT: 13.34 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BM028206.D
 Acq: 21 Dec 2020 12:01

Instrument :
 BNA_M
 ClientSampleId :
 A54K5

Tot Ion:196 Resp: 146432
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.0 115.6
 200 30.3 24.5 36.7

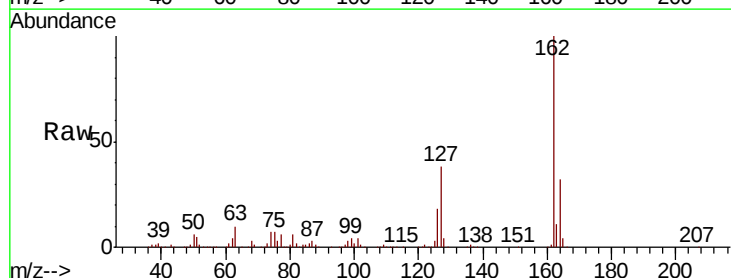


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

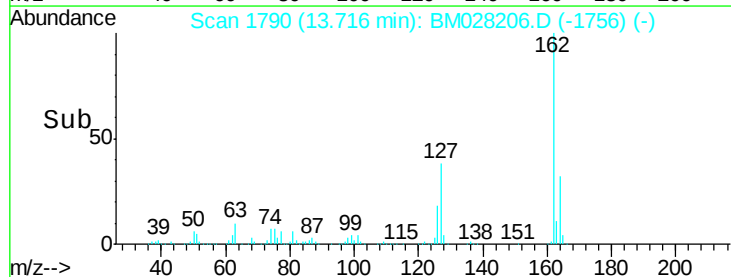
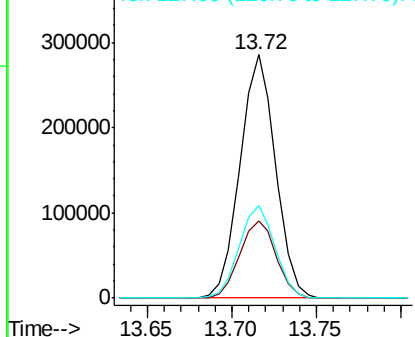


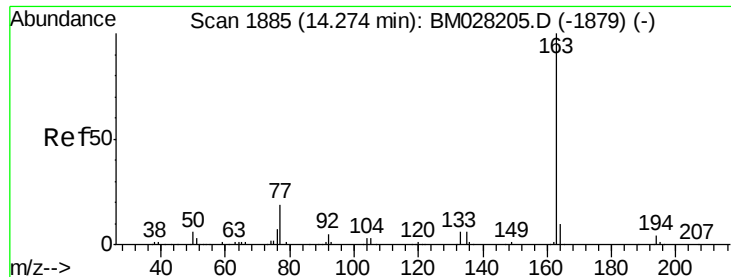
#42
 2-Chloronaphthalene
 Concen: 27.169 ng/uL
 RT: 13.72 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BM028206.D
 Acq: 21 Dec 2020 12:01

Tgt Ion:162 Resp: 416832
 Ion Ratio Lower Upper
 162 100
 164 31.9 26.6 39.8
 127 38.2 31.3 46.9



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





#45

Dimethylphthalate

Concen: 34.271 ng/ul

RT: 14.27 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

Instrument :

BNA_M

ClientSampleId :

A54K5

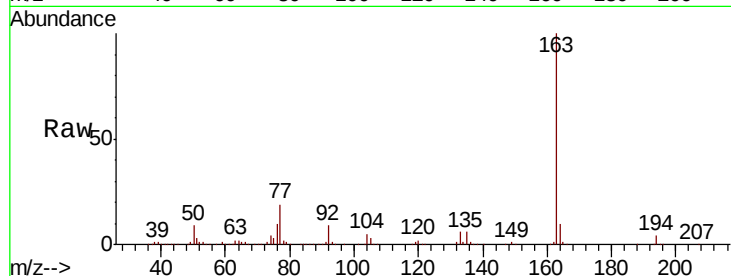
Tot Ion:163 Resp: 627662

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

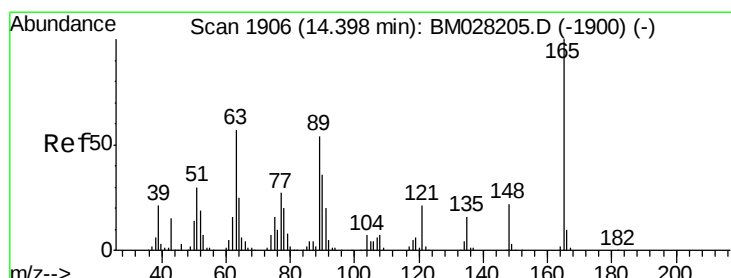
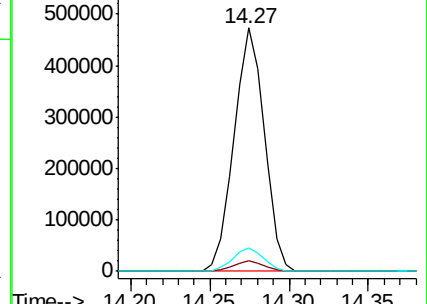
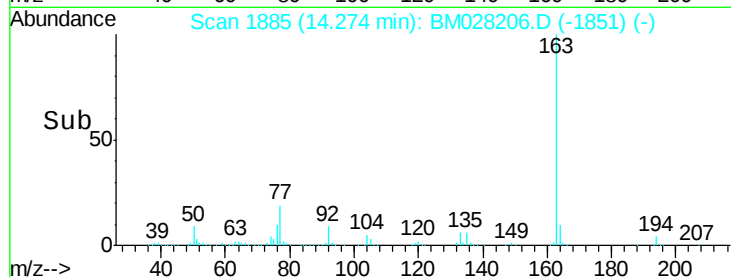
164 9.8 8.0 12.0



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: 19.641 ng/ul

RT: 14.40 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

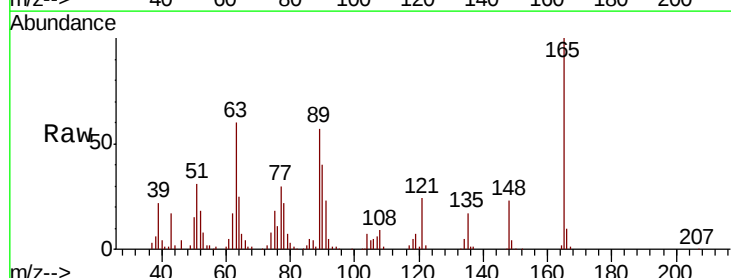
Tgt Ion:165 Resp: 68384

Ion Ratio Lower Upper

165 100

89 56.6 45.3 67.9

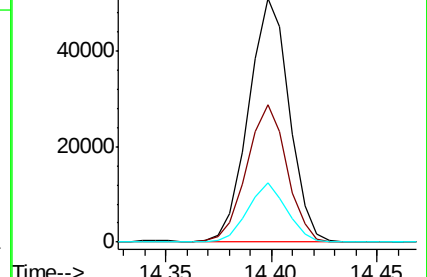
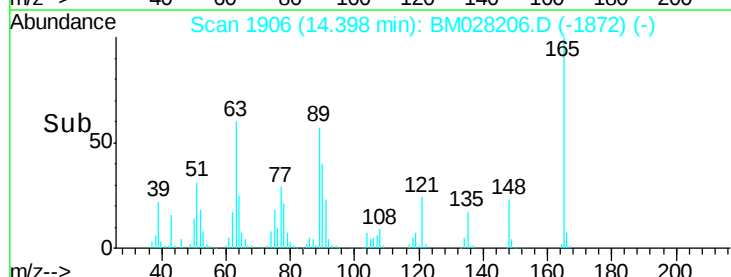
121 24.2 16.3 24.5

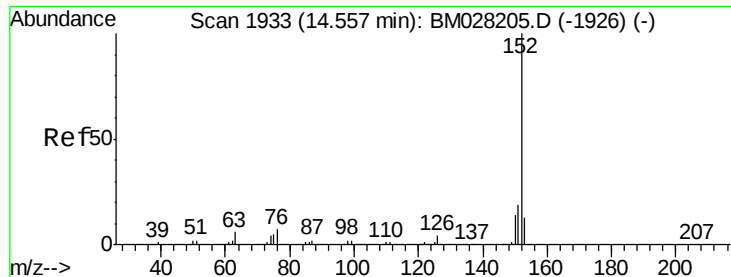


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 24.513 ng/ul

RT: 14.56 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

Instrument :

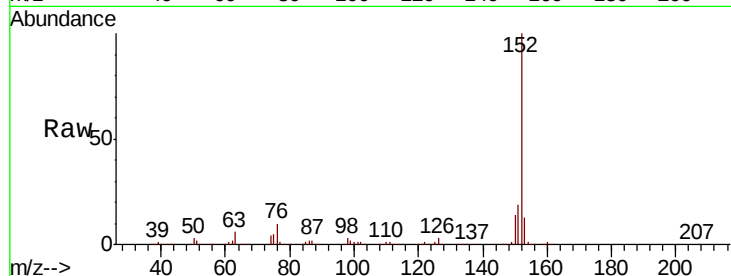
BNA_M

ClientSampleId :

A54K5

Tot Ion:152 Resp: 558723

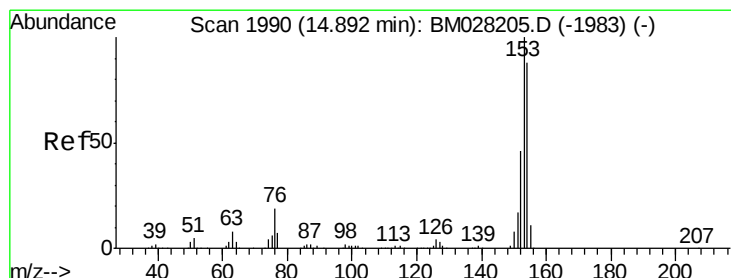
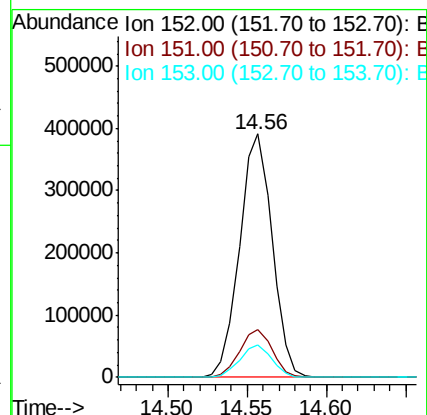
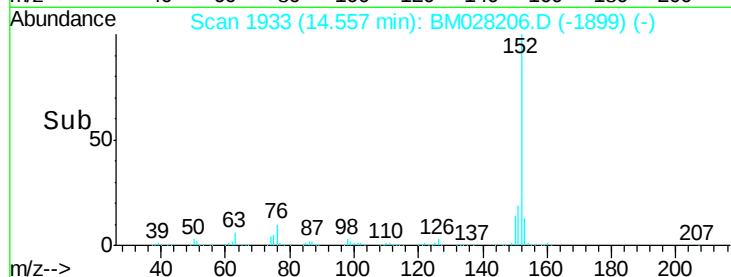
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.1	10.1	15.1



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: 20.204 ng/ul

RT: 14.89 min Scan# 1990

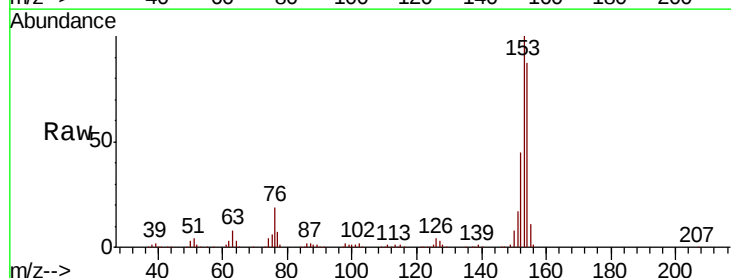
Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

Tgt Ion:153 Resp: 330524

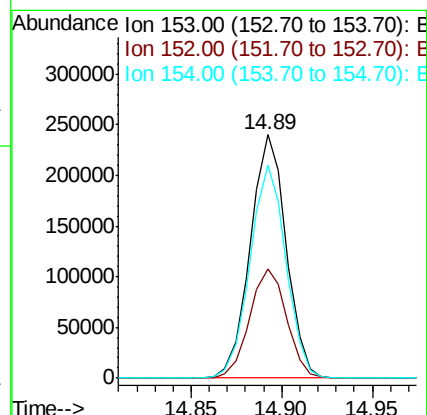
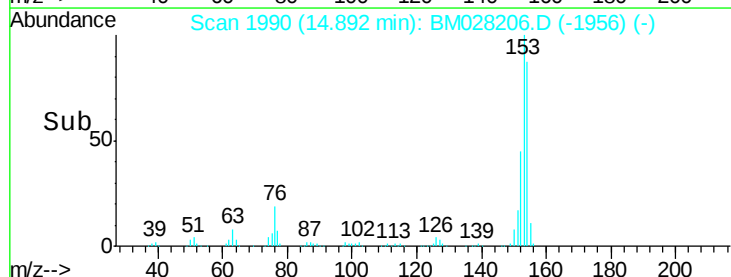
Ion	Ratio	Lower	Upper
153	100		
152	44.8	36.7	55.1
154	87.5	70.6	106.0

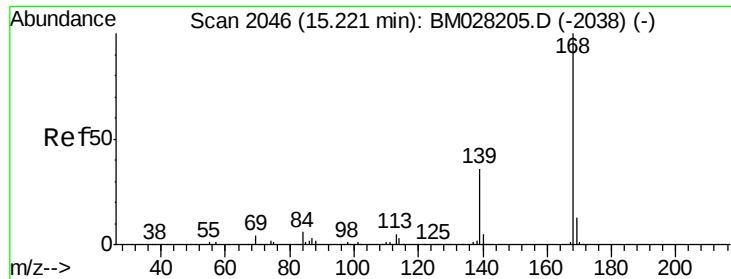


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 22.959 ng/ul

RT: 15.22 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

Instrument :

BNA_M

ClientSampleId :

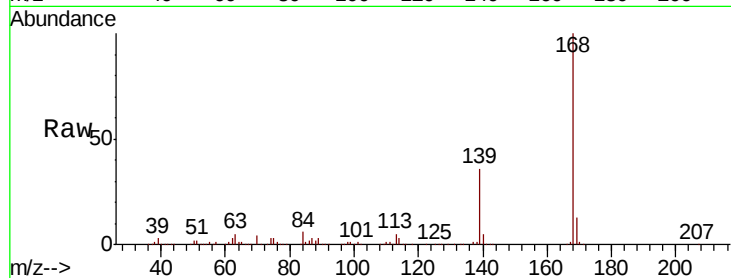
A54K5

Tot Ion:168 Resp: 514049

Ion Ratio Lower Upper

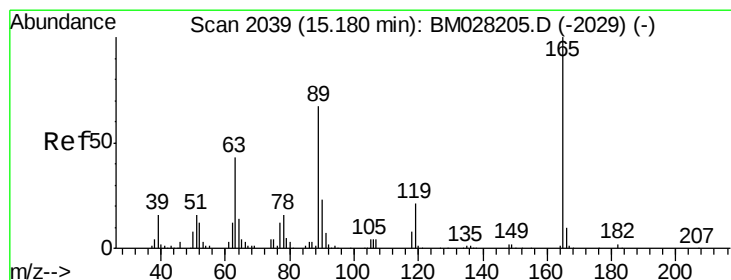
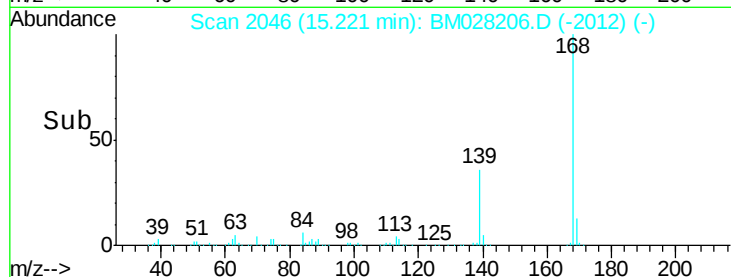
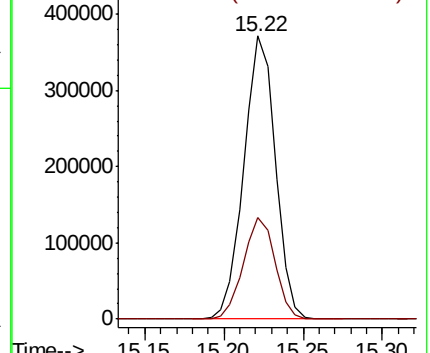
168 100

139 35.8 30.6 45.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 15.398 ng/ul

RT: 15.17 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

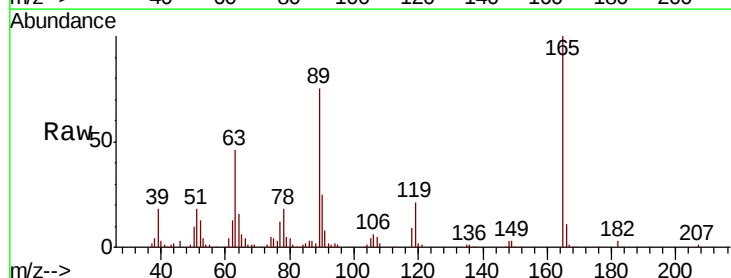
Tgt Ion:165 Resp: 77197

Ion Ratio Lower Upper

165 100

63 45.7 39.5 59.3

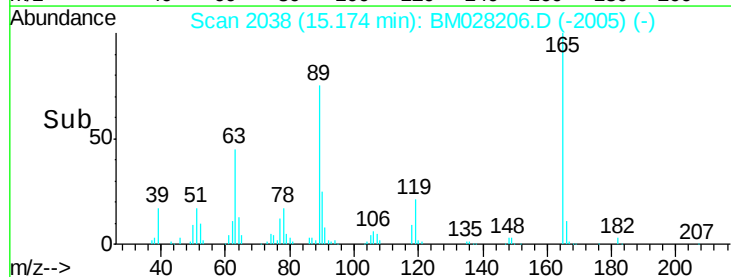
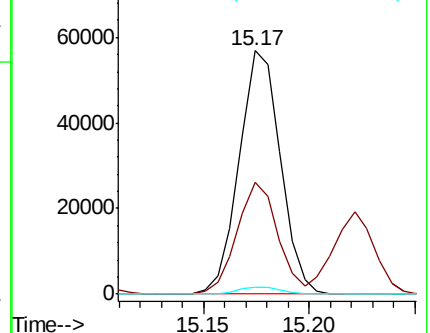
182 2.8 2.3 3.5

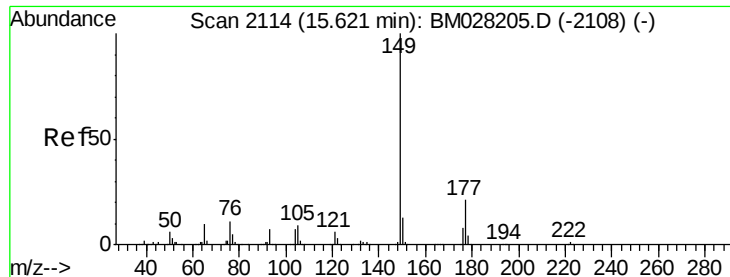


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E





#57

Diethylphthalate

Concen: 24.763 ng/ul

RT: 15.62 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

Instrument :

BNA_M

ClientSampleId :

A54K5

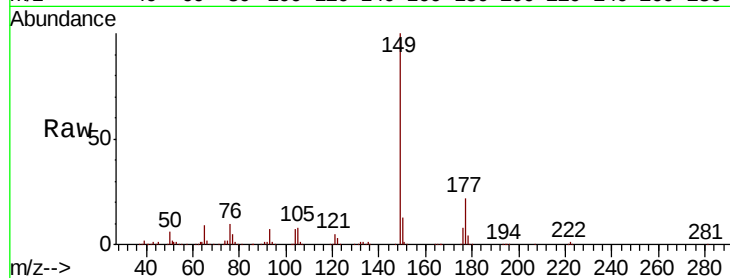
Tot Ion:149 Resp: 461244

Ion Ratio Lower Upper

149 100

177 22.3 16.6 25.0

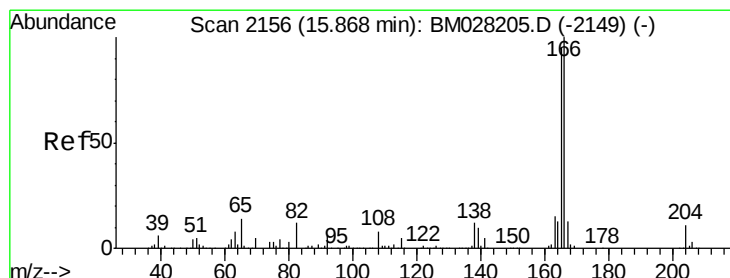
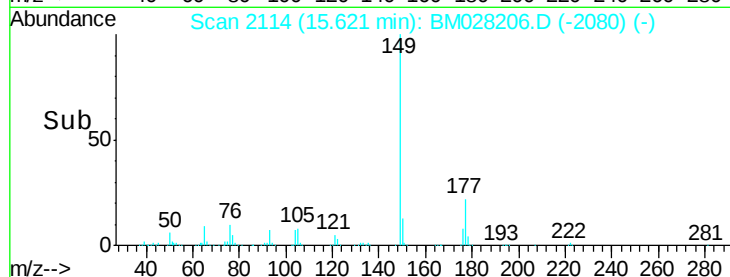
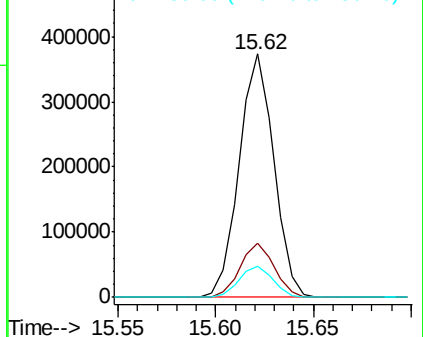
150 12.8 9.4 14.0



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



#59

Fluorene

Concen: 23.060 ng/ul

RT: 15.87 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

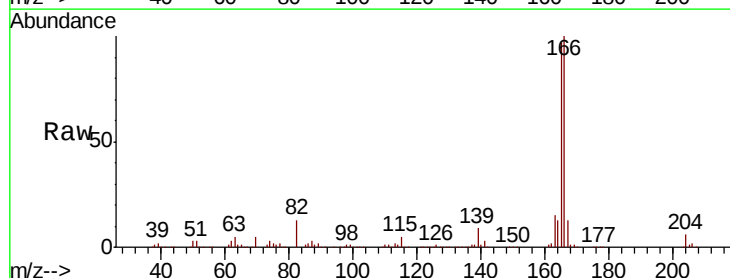
Tgt Ion:166 Resp: 431132

Ion Ratio Lower Upper

166 100

165 97.3 77.4 116.2

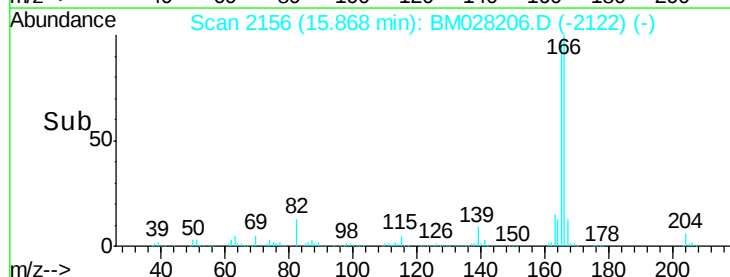
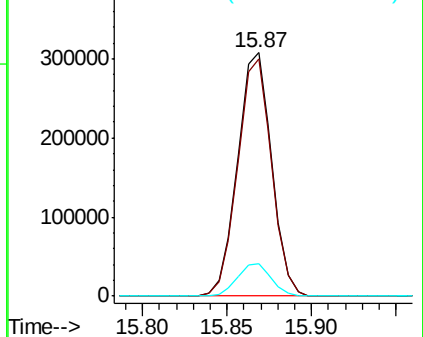
167 13.1 10.9 16.3

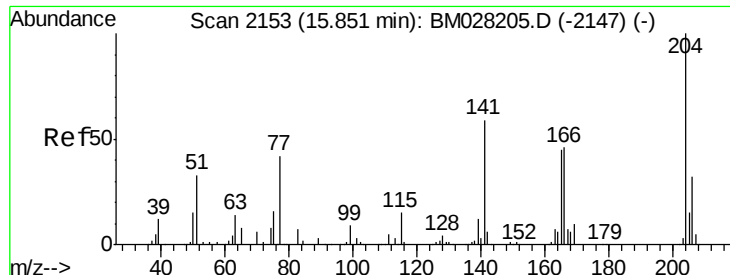


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

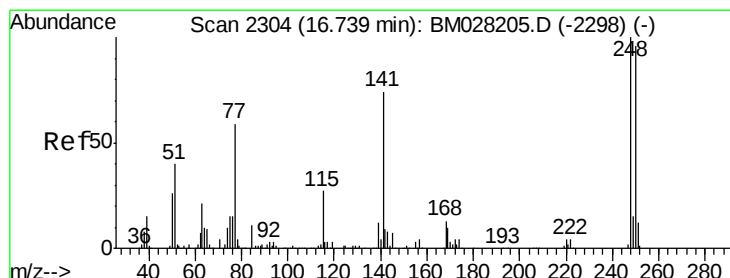
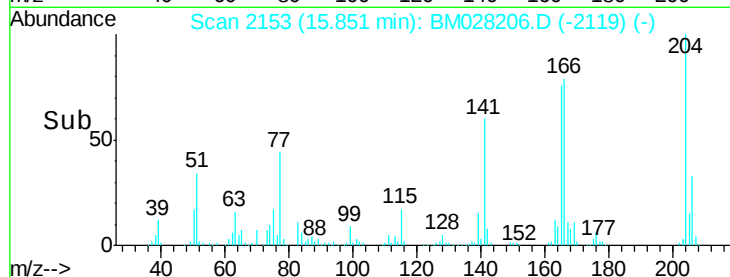
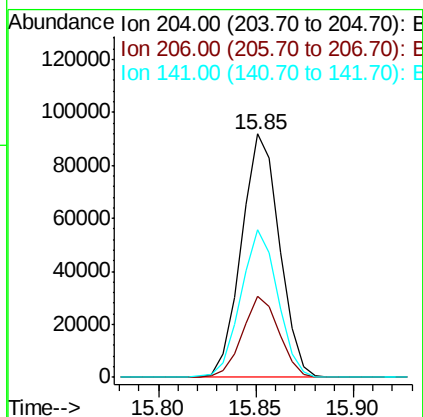
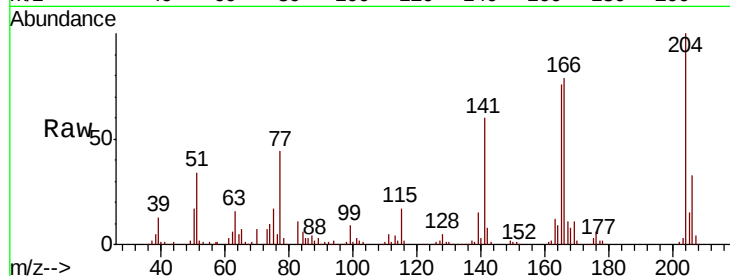




#60
 4-Chlorophenyl-phenylether
 Concen: 13.590 ng/ul
 RT: 15.85 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BM028206.D
 Acq: 21 Dec 2020 12:01

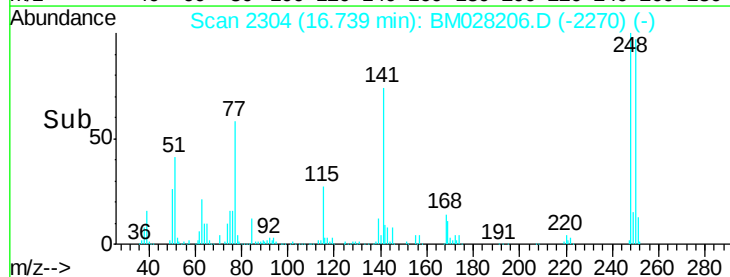
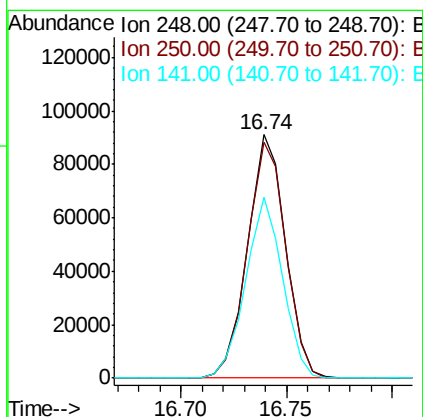
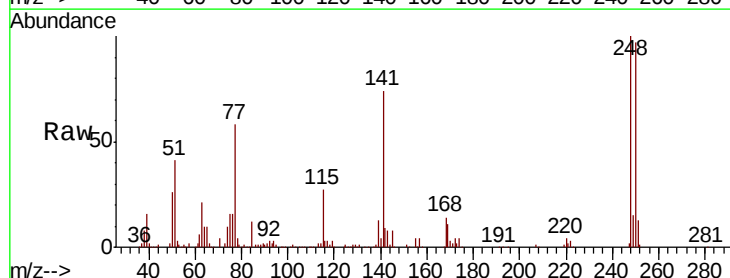
Instrument :
 BNA_M
 ClientSampleId :
 A54K5

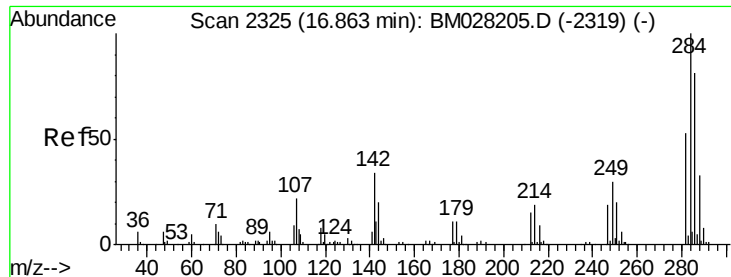
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.0	39.0
141	60.4	48.6	73.0



#66
 4-Bromophenyl-phenylether
 Concen: 21.830 ng/ul
 RT: 16.74 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BM028206.D
 Acq: 21 Dec 2020 12:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.7	115.1
141	74.1	59.4	89.0

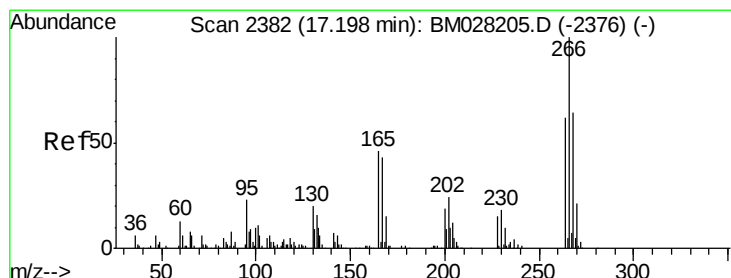
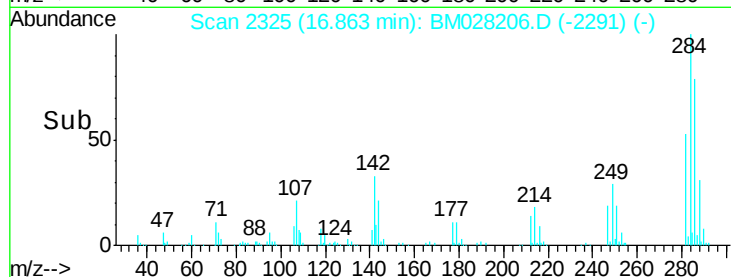
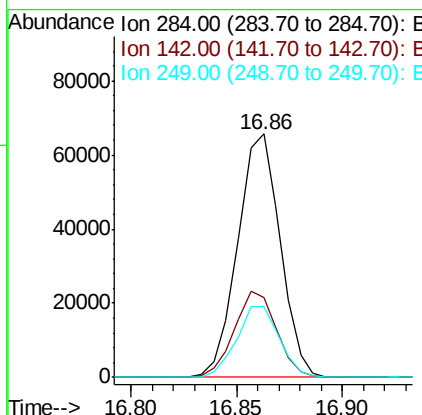
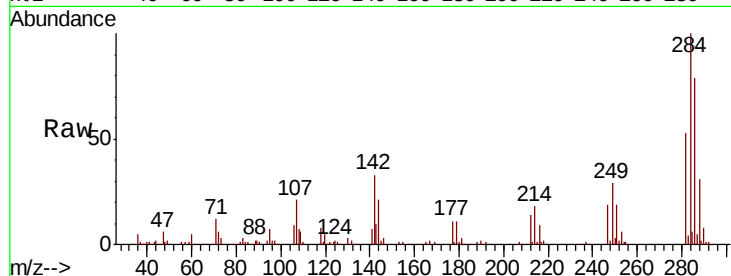




#67
Hexachlorobenzene
Concen: 15.356 ng/ul
RT: 16.86 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BM028206.D
Acq: 21 Dec 2020 12:01

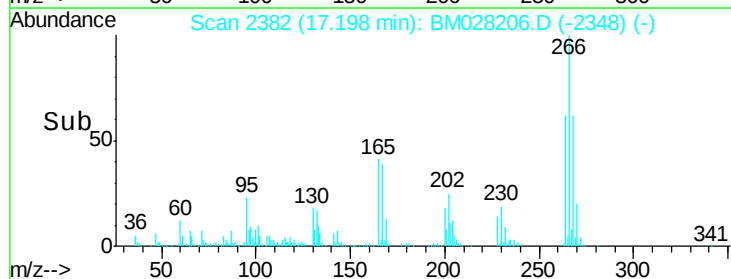
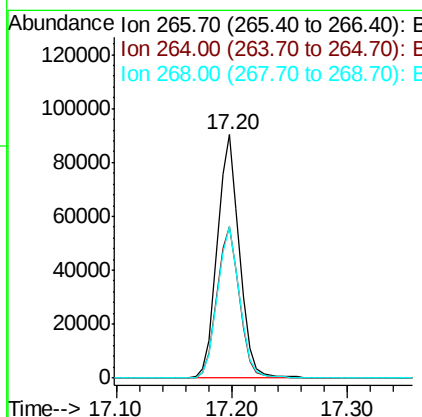
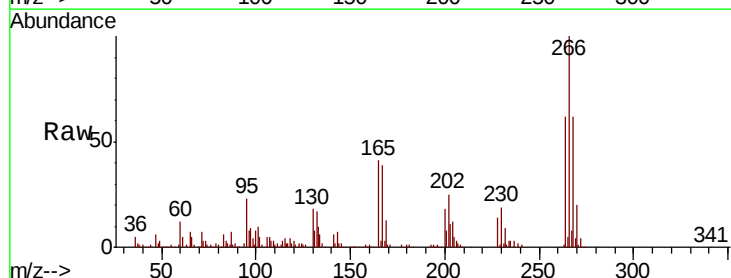
Instrument :
BNA_M
ClientSampleId :
A54K5

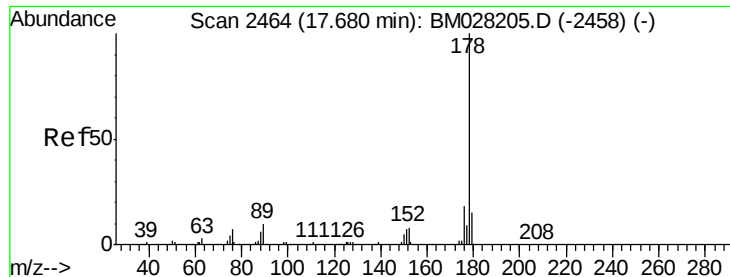
Tot Ion	Ratio	Lower	Upper
284	100		
142	32.6	30.3	45.5
249	29.3	24.5	36.7



#69
Pentachlorophenol
Concen: 35.603 ng/ul
RT: 17.20 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BM028206.D
Acq: 21 Dec 2020 12:01

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.3	48.4	72.6
268	62.1	49.3	73.9





#72

Anthracene

Concen: 36.869 ng/ul

RT: 17.68 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

Instrument :

BNA_M

ClientSampleId :

A54K5

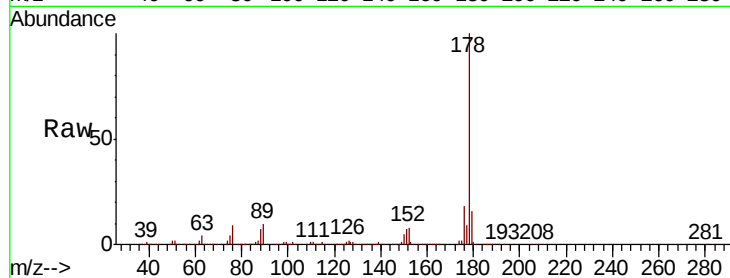
Tot Ion:178 Resp: 1035406

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

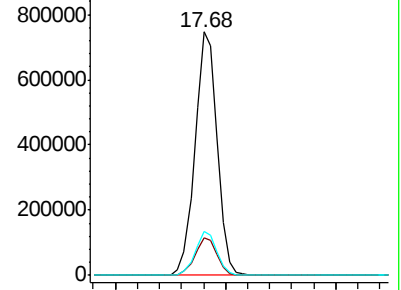
176 17.9 14.0 21.0



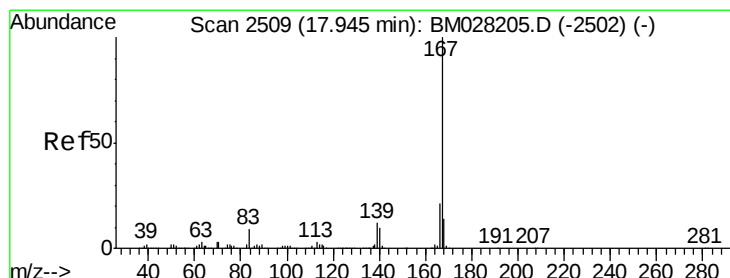
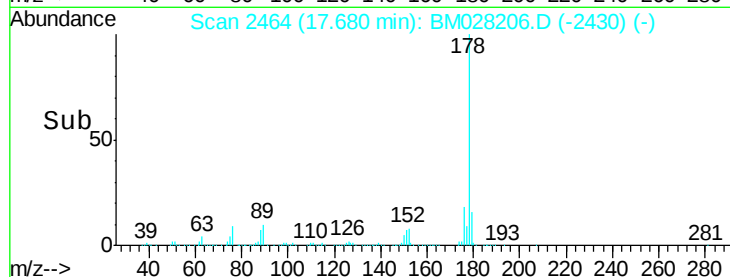
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#75

Carbazole

Concen: 36.543 ng/ul

RT: 17.94 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

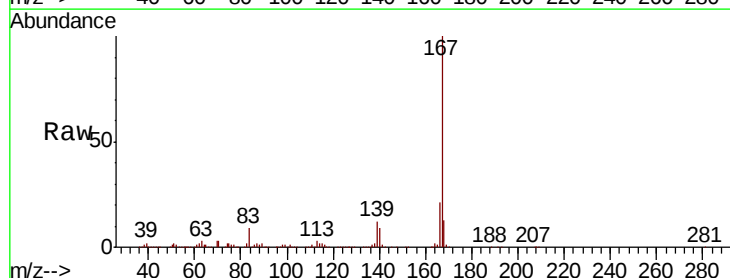
Tgt Ion:167 Resp: 856055

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.6

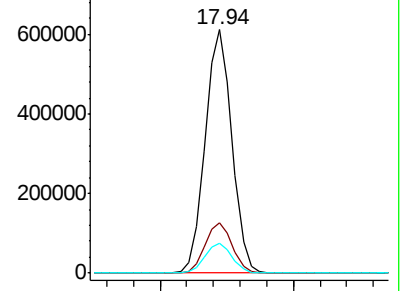
139 12.4 10.2 15.4



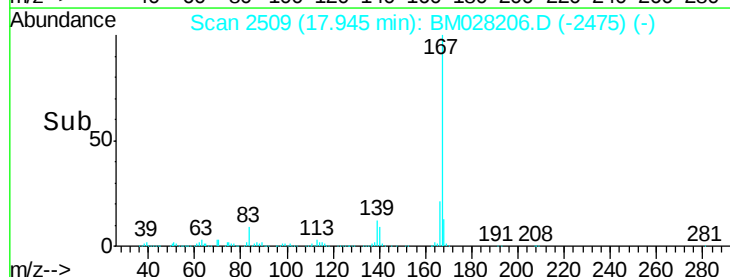
Abundance Ion 167.00 (166.70 to 167.70): E

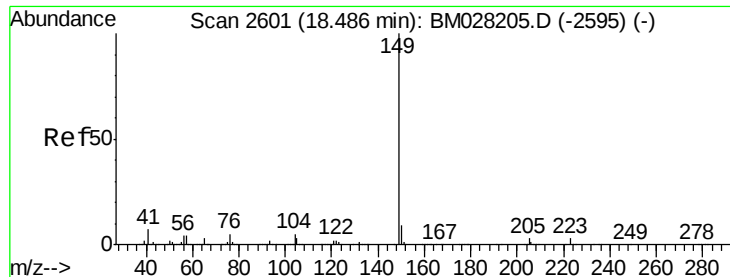
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->

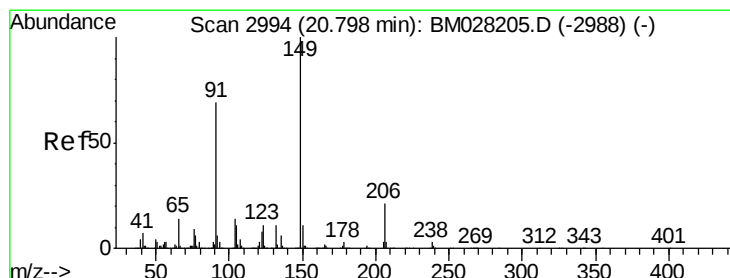
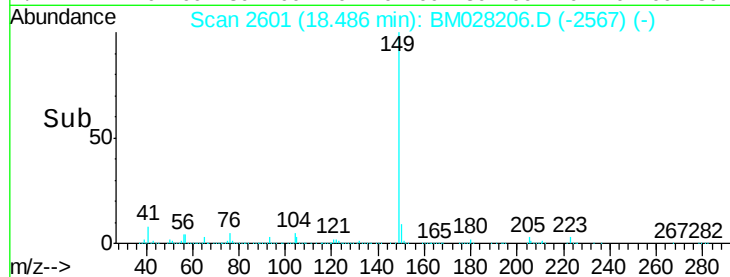
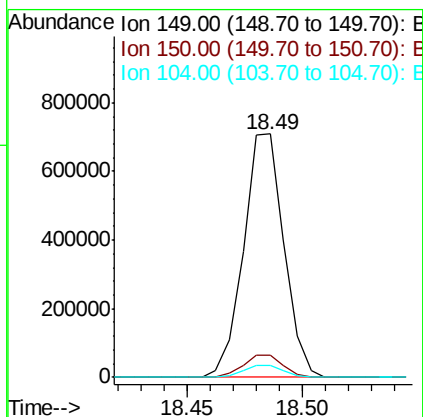
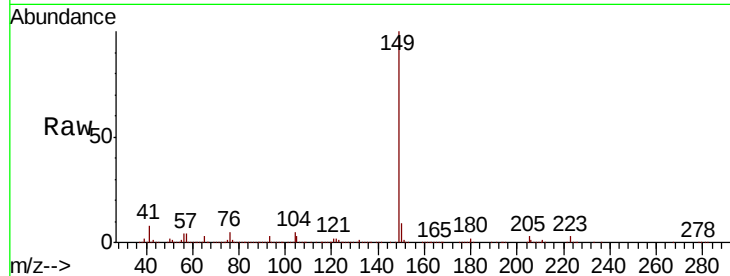




#76
Di-n-butylphthalate
Concen: 30.031 ng/ul
RT: 18.49 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BM028206.D
Acq: 21 Dec 2020 12:01

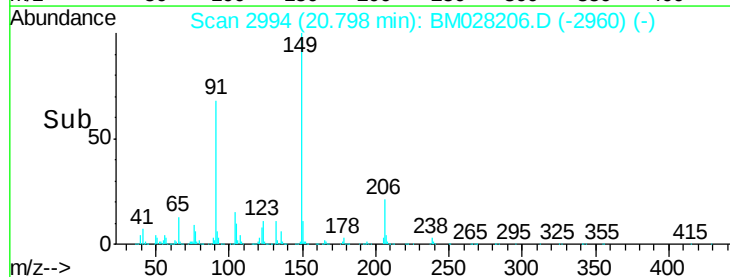
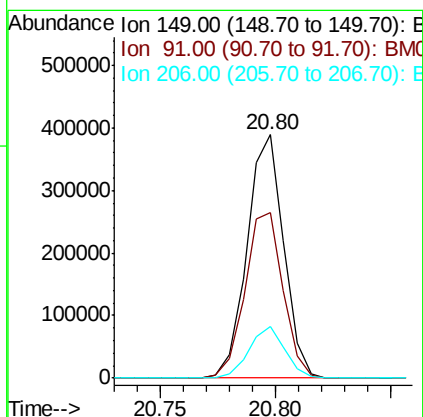
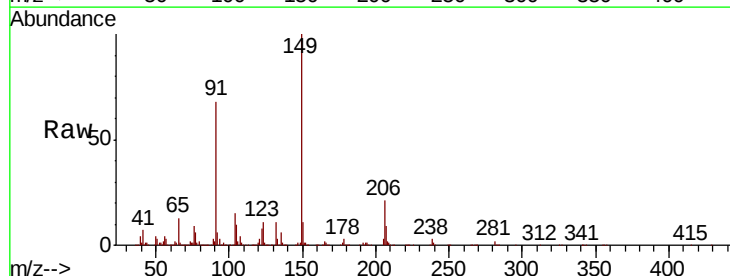
Instrument :
BNA_M
ClientSampleId :
A54K5

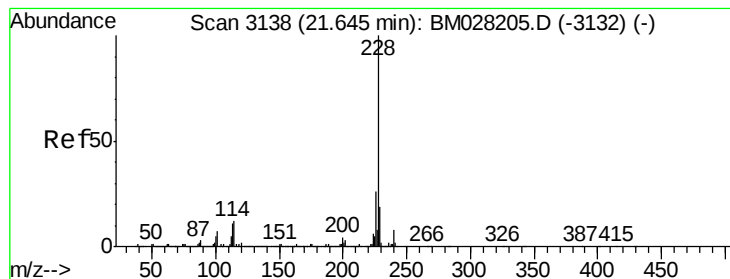
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.7	4.3	6.5



#81
Butylbenzylphthalate
Concen: 35.705 ng/ul
RT: 20.80 min Scan# 2994
Delta R.T. 0.00 min
Lab File: BM028206.D
Acq: 21 Dec 2020 12:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.9	57.2	85.8
206	21.2	16.2	24.4





#83

Benzo(a)anthracene

Concen: 28.319 ng/ul

RT: 21.64 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

Instrument :

BNA_M

ClientSampleId :

A54K5

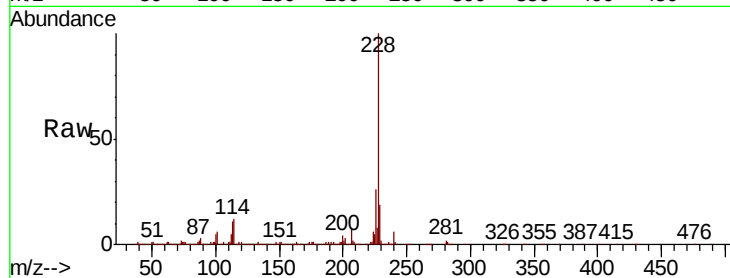
Tot Ion:228 Resp: 807296

Ion Ratio Lower Upper

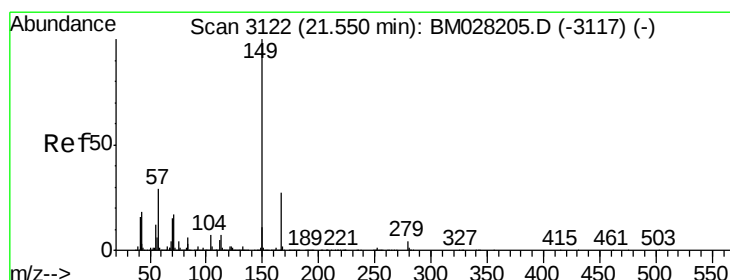
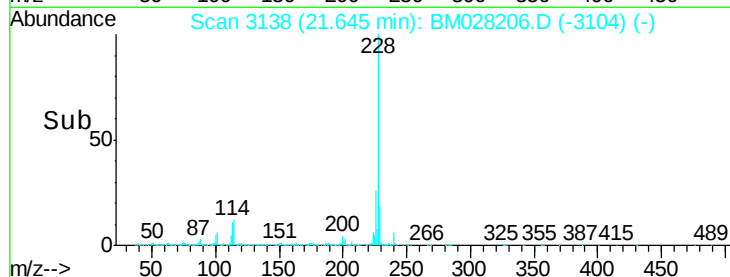
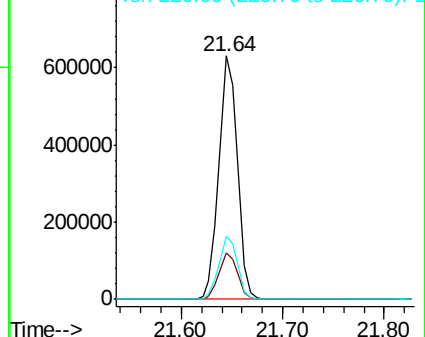
228 100

229 19.2 15.5 23.3

226 25.8 20.6 31.0



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: 21.856 ng/ul

RT: 21.55 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

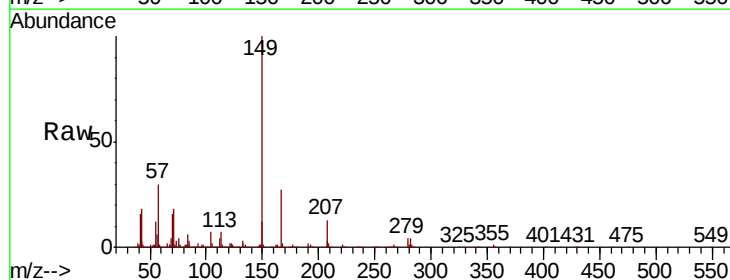
Tgt Ion:149 Resp: 373141

Ion Ratio Lower Upper

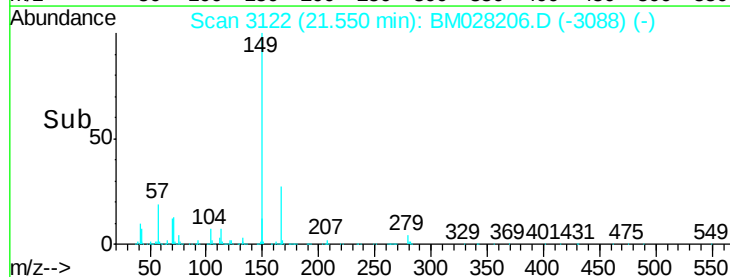
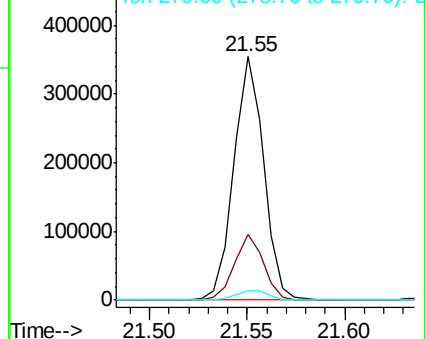
149 100

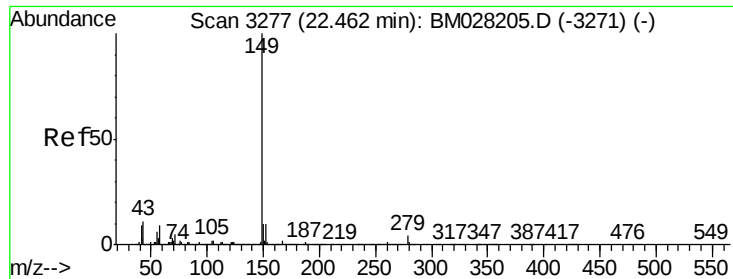
167 26.9 20.5 30.7

279 4.1 2.9 4.3



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: 40.904 ng/ul

RT: 22.46 min Scan# 3277

Delta R.T. 0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

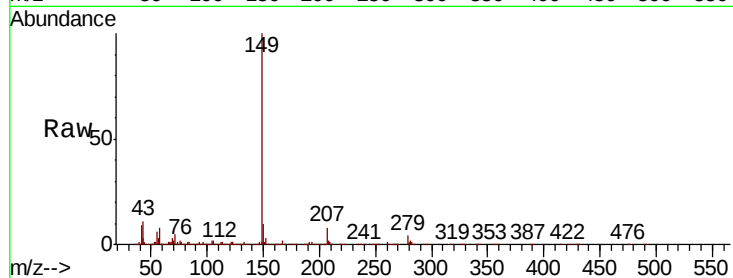
Instrument :

BNA_M

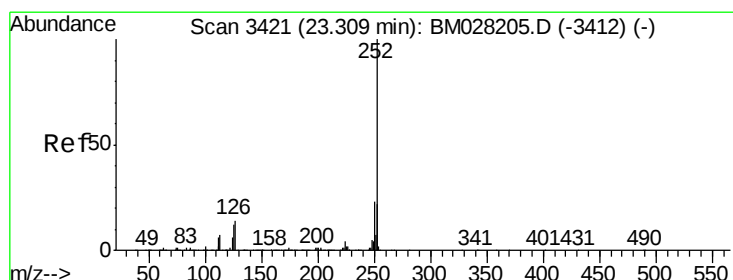
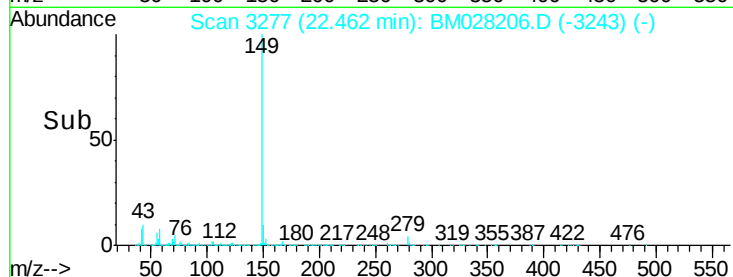
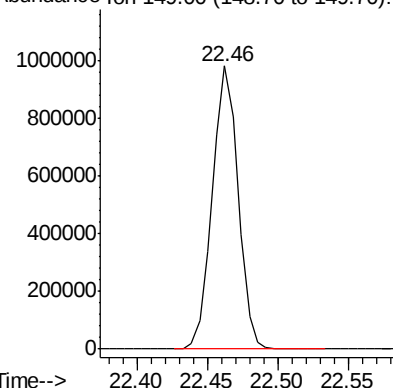
ClientSampleId :

A54K5

Tgt Ion:149 Resp: 1240527



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 15.292 ng/ul

RT: 23.31 min Scan# 3421

Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

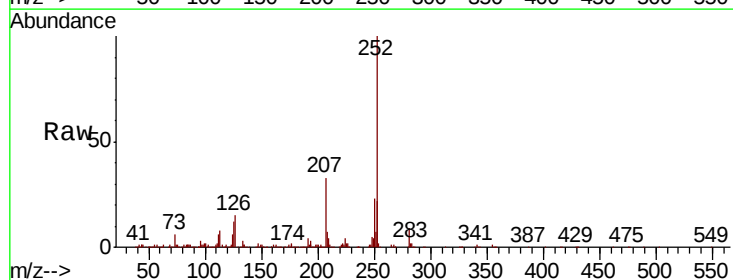
Tgt Ion:252 Resp: 435505

Ion Ratio Lower Upper

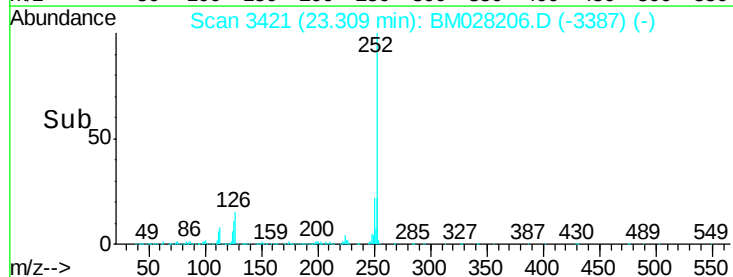
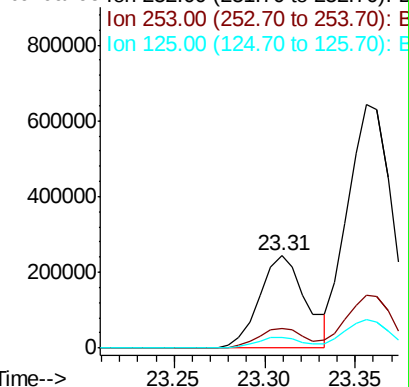
252 100

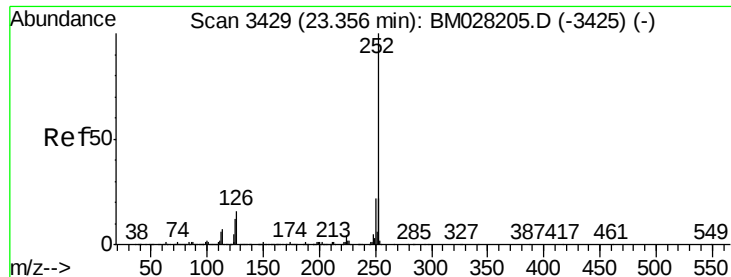
253 21.9 17.2 25.8

125 11.5 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 38.532 ng/ul

RT: 23.36 min Scan# 3429

Delta R.T. -0.00 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

Instrument :

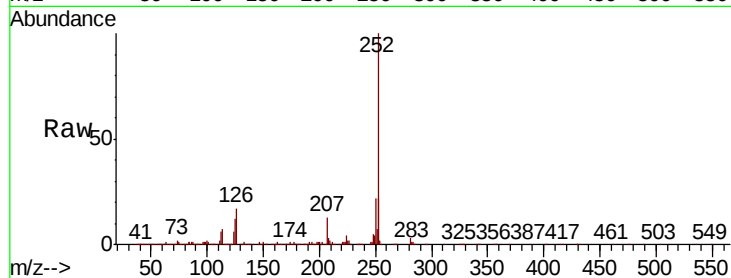
BNA_M

ClientSampleId :

A54K5

Tot Ion:252 Resp: 1088355

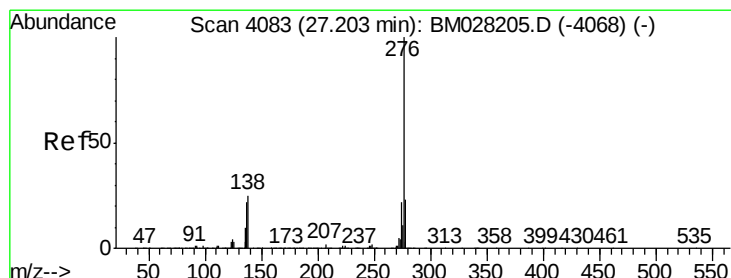
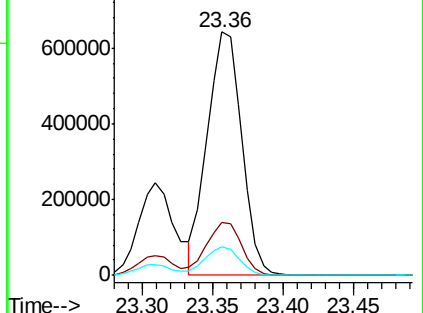
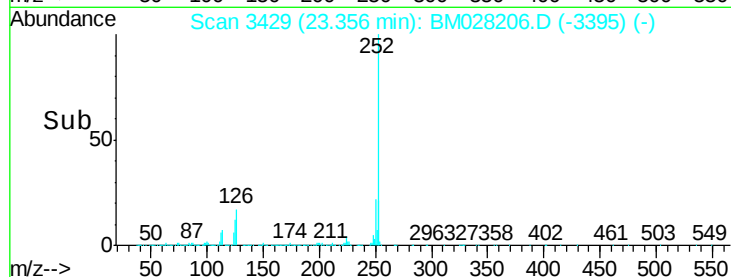
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	11.9	9.0	13.6



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



#94

Benzo(g,h,i)perylene

Concen: 26.096 ng/ul

RT: 27.21 min Scan# 4084

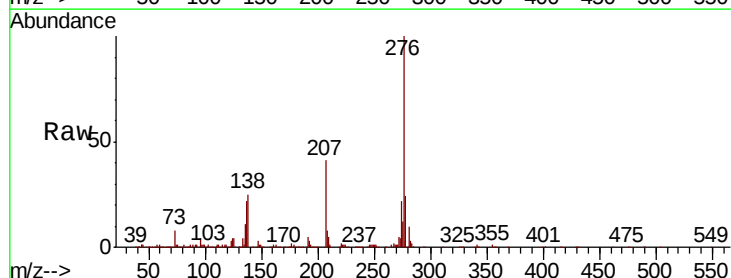
Delta R.T. 0.01 min

Lab File: BM028206.D

Acq: 21 Dec 2020 12:01

Tgt Ion:276 Resp: 642481

Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.8	29.8
277	23.5	18.9	28.3



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

