

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
 Data File : BP002926.D
 Acq On : 06 Aug 2020 18:40
 Operator : CG/JU
 Sample : L3548-07RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-004RE

Quant Time: Aug 06 19:10:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	452404	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1834011	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1201463	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	2731669	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	3161832	20.00	ng	-0.01
86) Perylene-d12	23.45	264	2846653	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	2963591	100.26	ng	0.00
7) Phenol-d6	6.89	99	3861951	94.10	ng	0.00
23) Nitrobenzene-d5	8.85	82	2259823	66.74	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	1886661	126.34	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5953358	67.70	ng	-0.01
79) Terphenyl-d14	19.67	244	9336654	59.12	ng	-0.01

Target Compounds

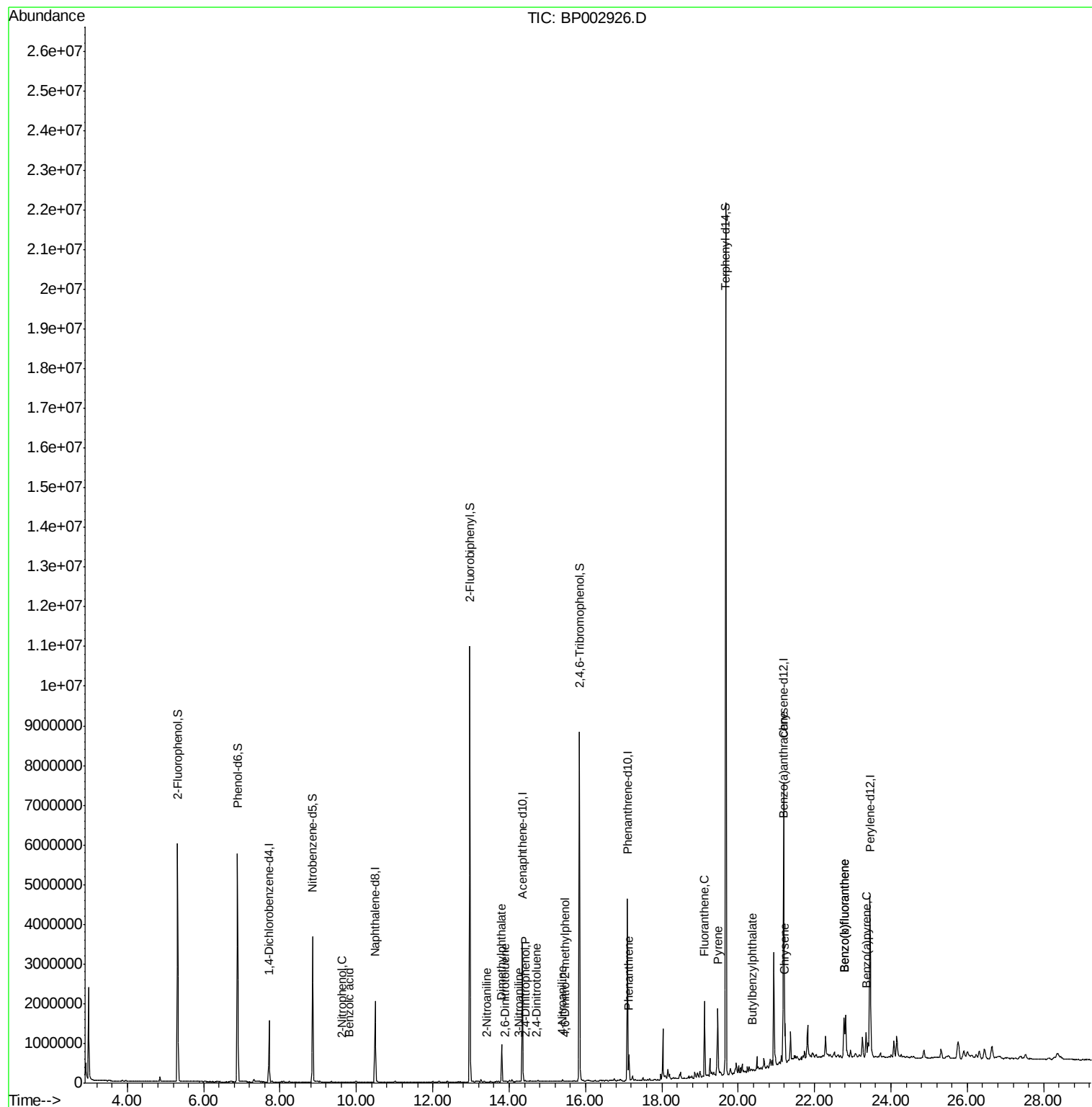
						Qvalue
26) 2-Nitrophenol	9.61	139	90	4.526	ng	# 1
32) Benzoic acid	9.82	122	469	7.709	ng	# 38
48) 2-Nitroaniline	13.41	65	78	3.975	ng	# 58
50) Dimethylphthalate	13.80	163	632347	6.729	ng	100
51) 2,6-Dinitrotoluene	13.90	165	500	2.922	ng	96
53) 3-Nitroaniline	14.25	138	181	3.281	ng	# 66
54) 2,4-Dinitrophenol	14.43	184	38	8.061	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	508	3.823	ng	# 66
62) 4-Nitroaniline	15.39	138	889	2.455	ng	# 63
65) 4,6-Dinitro-2-methylphenol	15.46	198	18	6.901	ng	# 1
71) Phenanthrene	17.14	178	403285	2.518	ng	98
75) Fluoranthene	19.12	202	1120014	6.069	ng	98
78) Pvrene	19.46	202	1047263	4.738	ng	97
80) Butylbenzylphthalate	20.36	149	8833	3.150	ng	# 94
81) Benzo(a)anthracene	21.17	228	570624	2.650	ng	100
83) Chrysene	21.22	228	651234	3.206	ng	98
88) Benzo(b)fluoranthene	22.77	252	872492	4.343	ng	99
89) Benzo(k)fluoranthene	22.77	252	872492	4.595	ng	99
90) Benzo(a)pvrene	23.35	252	486225	2.679	ng	100

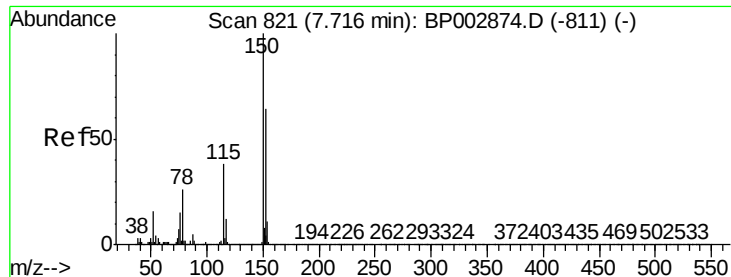
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002926.D
Acq On : 06 Aug 2020 18:40
Operator : CG/JU
Sample : L3548-07RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CRT-004RE

Quant Time: Aug 06 19:10:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration



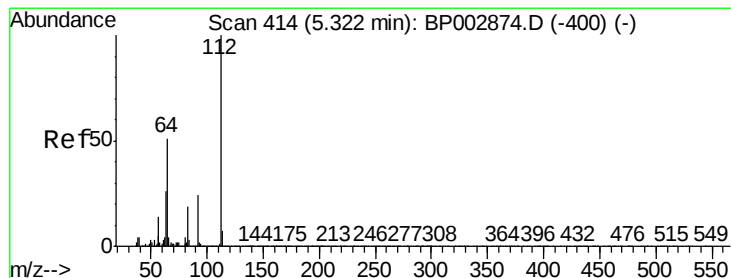
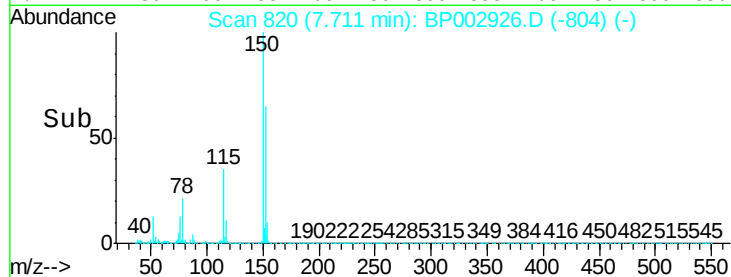
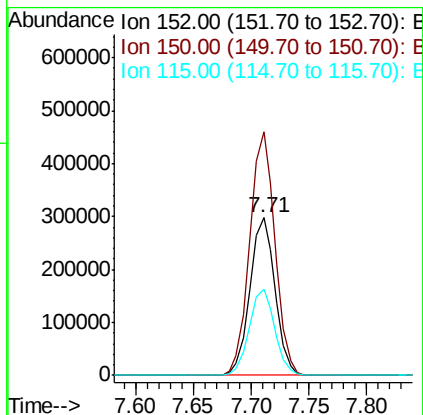
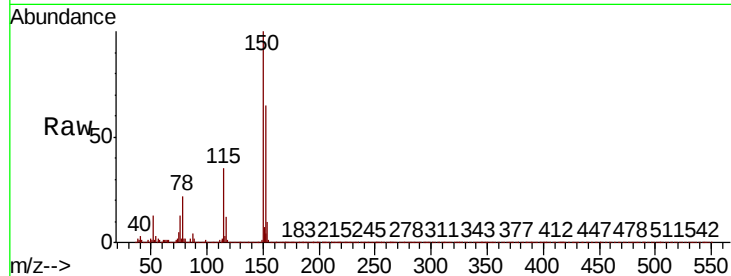


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Instrument :
BNA_P
ClientSampleId :
CRT-004RE

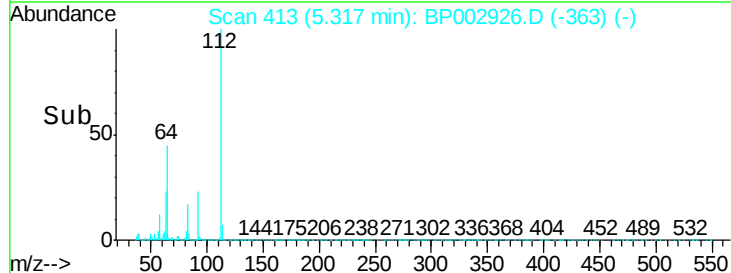
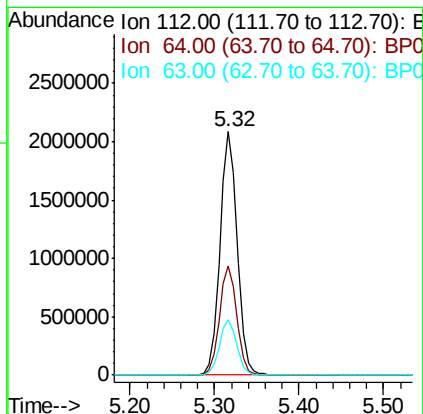
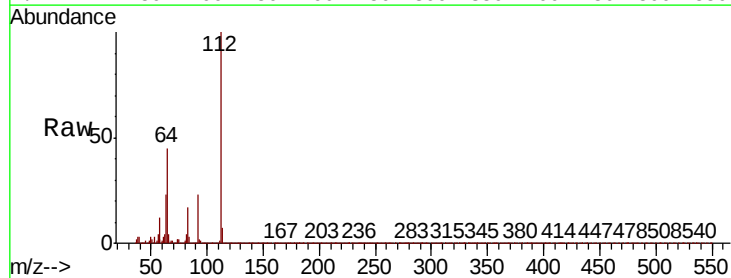
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.8	187.2
115	54.9	47.4	71.2

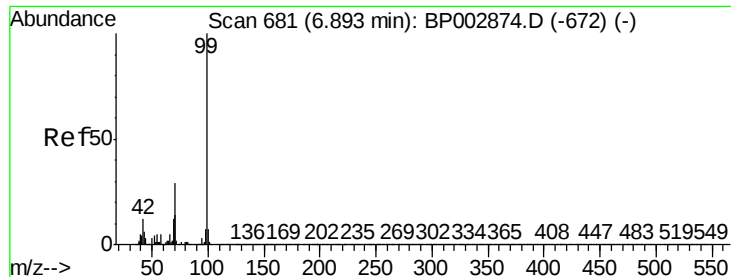


#5

2-Fluorophenol
Concen: 100.259 ng
RT: 5.32 min Scan# 413
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.9	41.0	61.6
63	22.6	20.7	31.1





#7

Phenol-d6

Concen: 94.104 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

Instrument :

BNA_P

ClientSampleId :

CRT-004RE

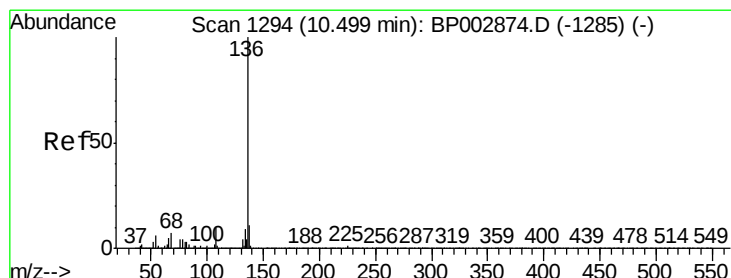
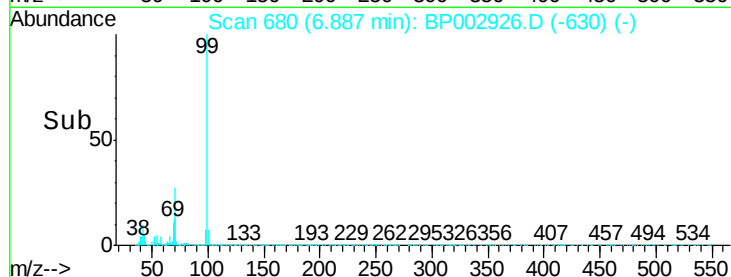
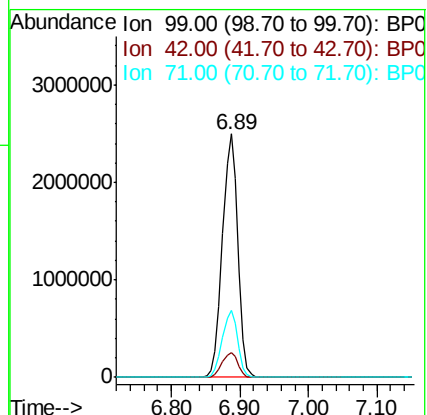
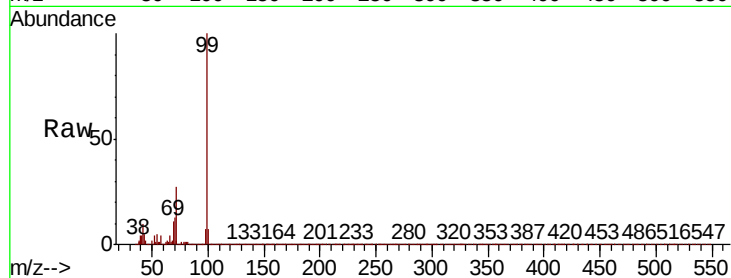
Tot Ion: 99 Resp: 3861951

Ion	Ratio	Lower	Upper
99	100		
42	10.4	9.3	13.9
71	27.3	23.5	35.3

99 100

42 10.4 9.3 13.9

71 27.3 23.5 35.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

Tgt Ion: 136 Resp: 1834011

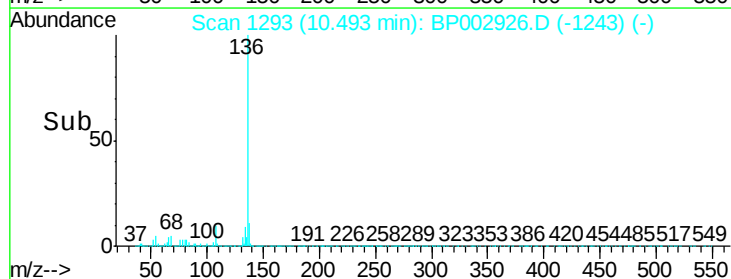
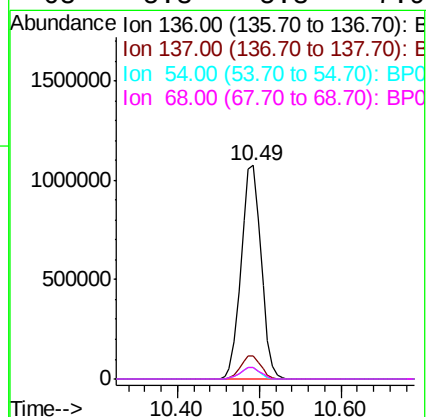
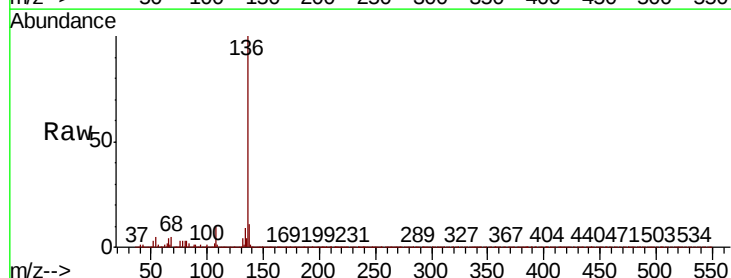
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.3	5.1	7.7
68	5.3	5.3	7.9

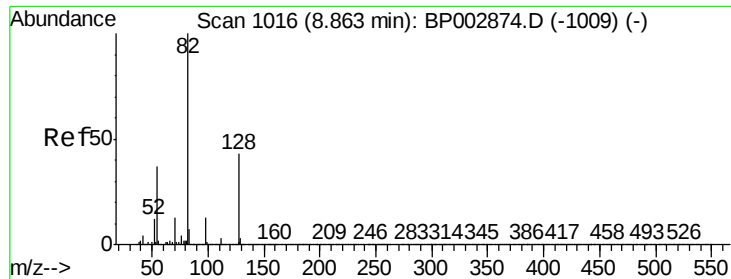
136 100

137 10.9 8.6 13.0

54 5.3 5.1 7.7

68 5.3 5.3 7.9

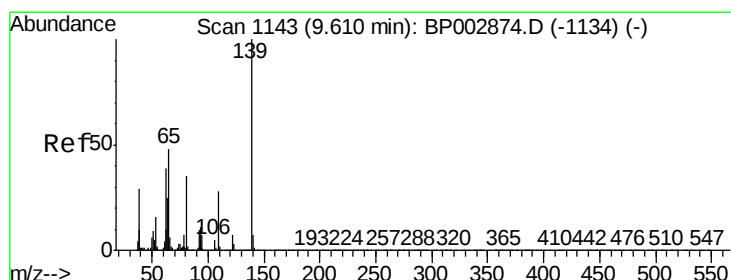
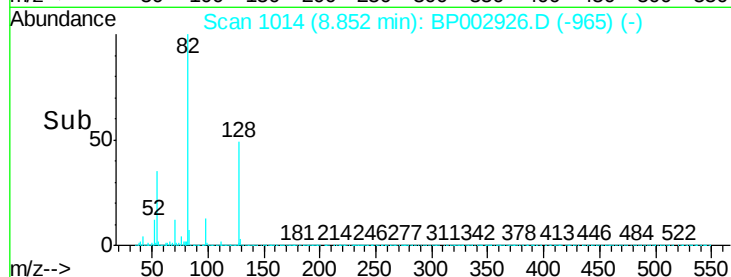
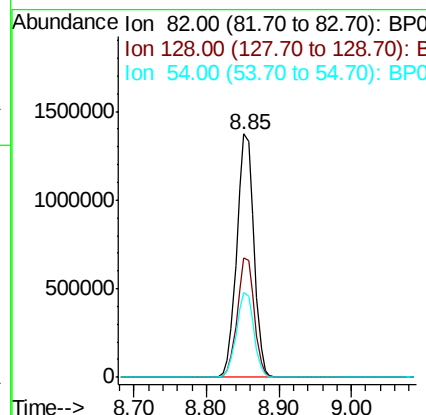
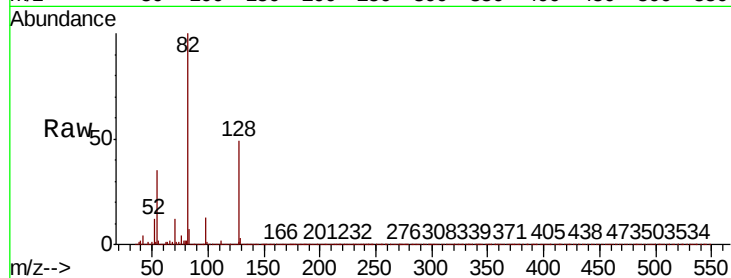




#23
Nitrobenzene-d5
Concen: 66.738 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

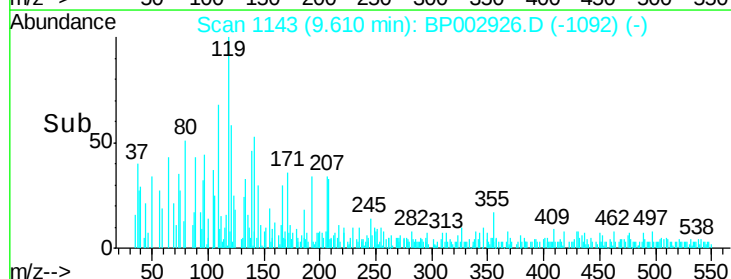
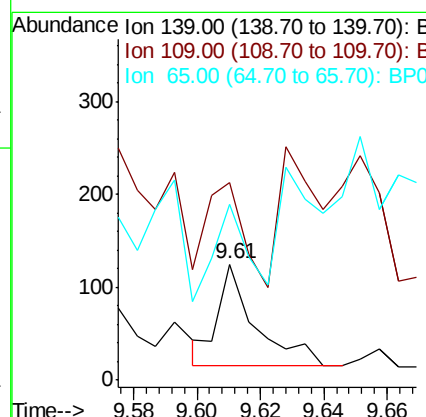
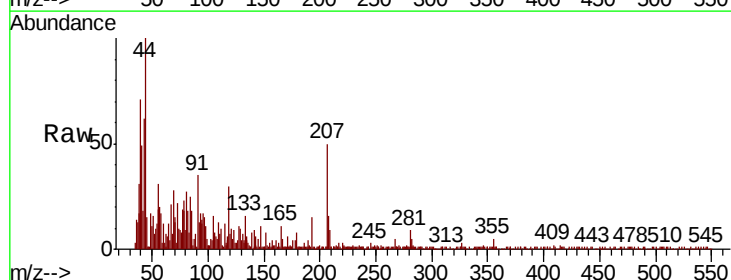
Instrument :
BNA_P
ClientSampleId :
CRT-004RE

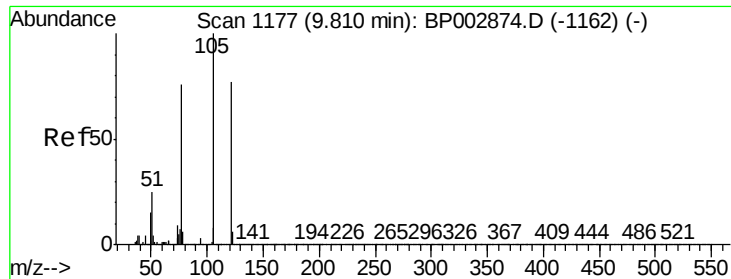
Tot Ion: 82 Resp: 2259823
Ion Ratio Lower Upper
82 100
128 48.9 34.6 52.0
54 35.1 29.5 44.3



#26
2-Nitrophenol
Concen: 4.526 ng
RT: 9.61 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Tgt Ion: 139 Resp: 90
Ion Ratio Lower Upper
139 100
109 169.6 22.2 33.2#
65 151.2 38.9 58.3#

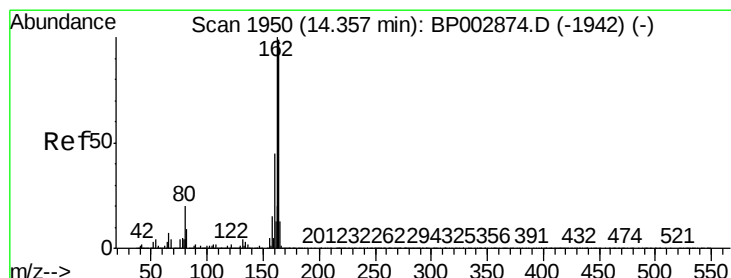
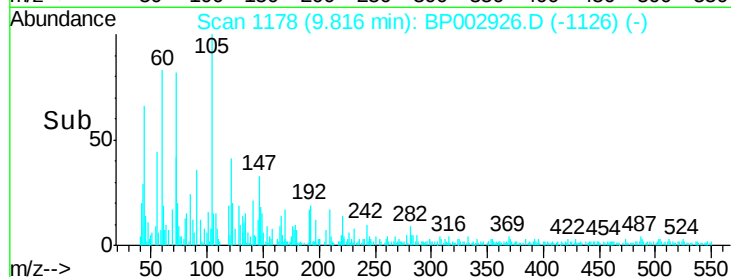
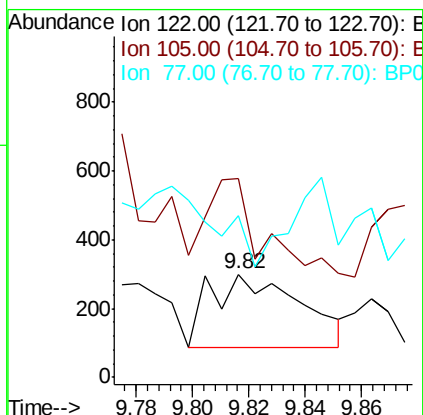
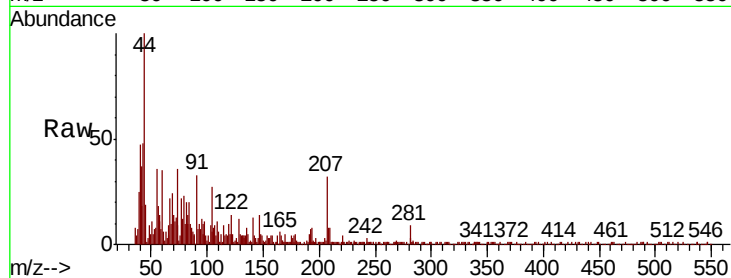




#32
Benzoic acid
Concen: 7.709 ng
RT: 9.82 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

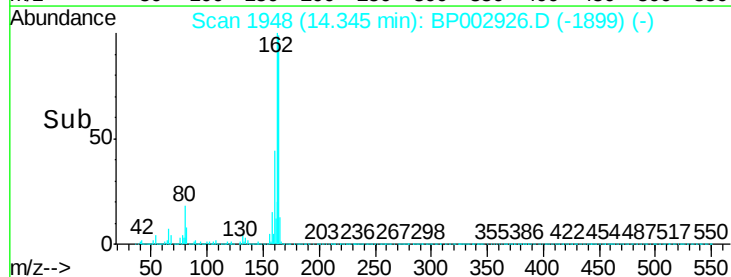
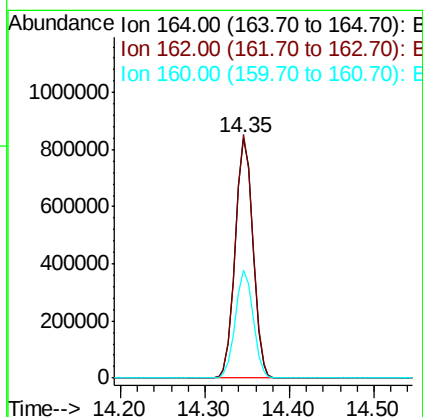
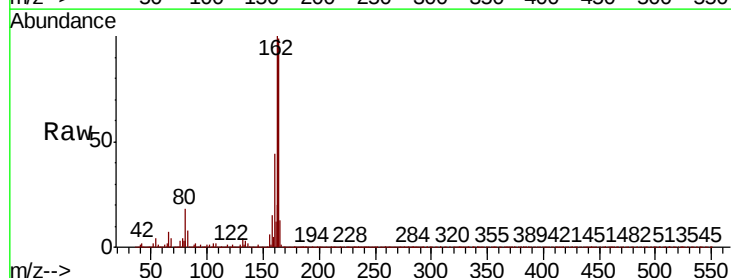
Instrument :
BNA_P
ClientSampleId :
CRT-004RE

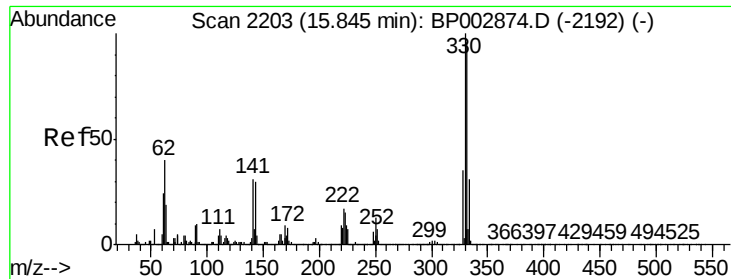
Tot Ion:122 Resp: 469
Ion Ratio Lower Upper
122 100
105 192.3 103.4 143.4#
77 156.3 74.6 114.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Tgt Ion:164 Resp: 1201463
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.6
160 45.1 36.2 54.4

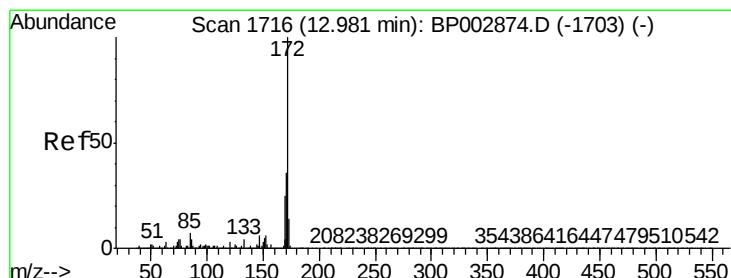
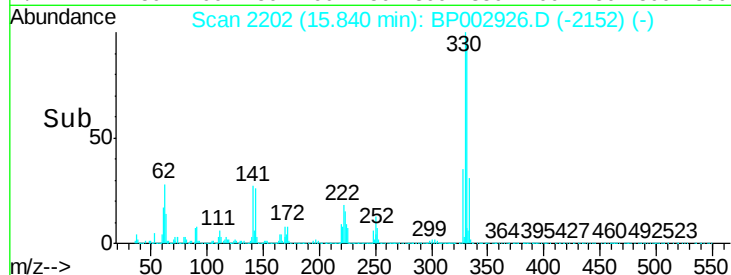
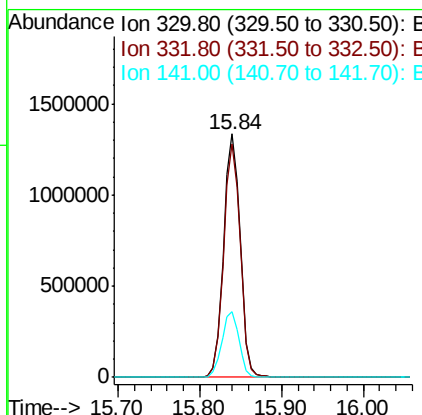
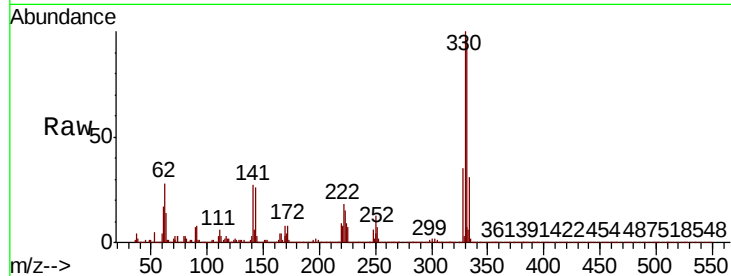




#42
2,4,6-Tribromophenol
Concen: 126.343 ng
RT: 15.84 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

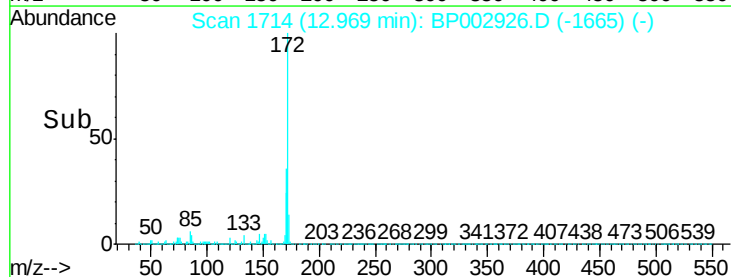
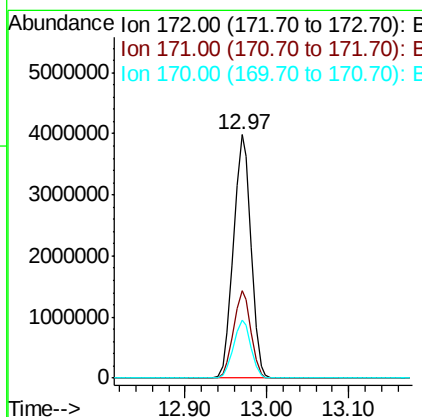
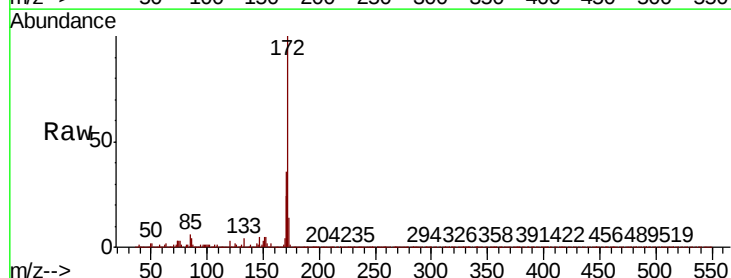
Instrument :
BNA_P
ClientSampleId :
CRT-004RE

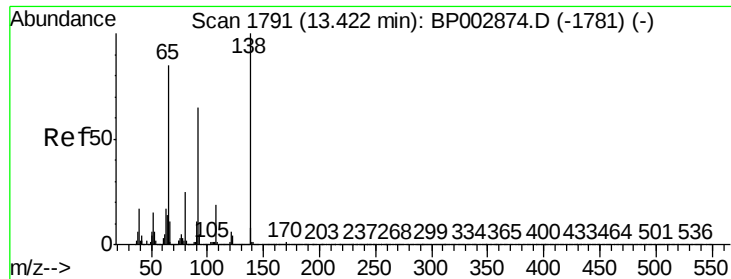
Tot Ion:330 Resp: 1886661
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 28.2 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 67.701 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Tgt Ion:172 Resp: 5953358
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.0 19.6 29.4

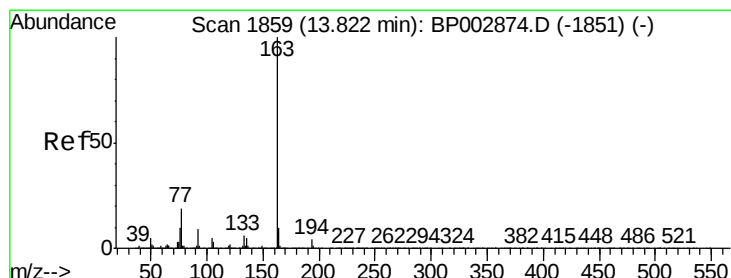
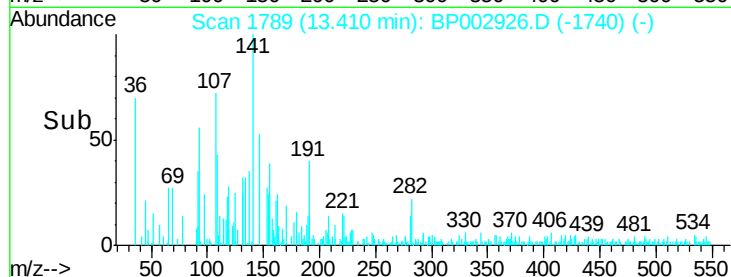
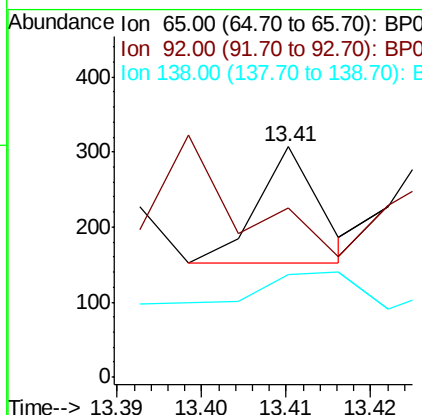
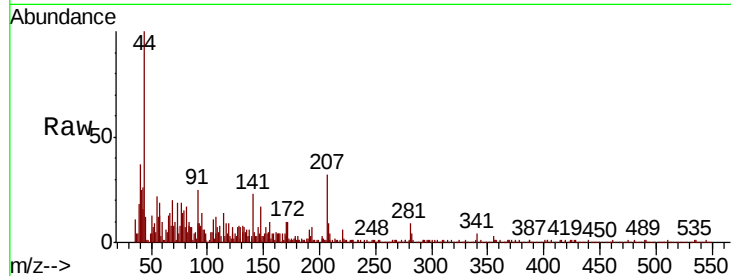




#48
2-Nitroaniline
Concen: 3.975 ng
RT: 13.41 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

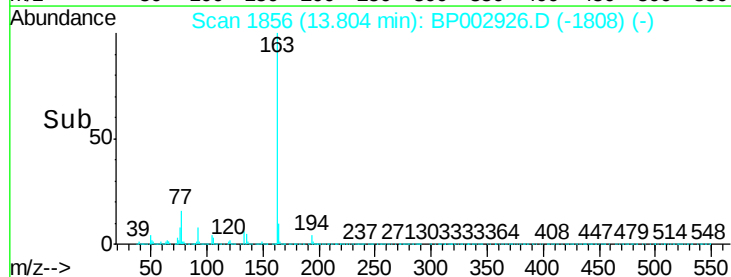
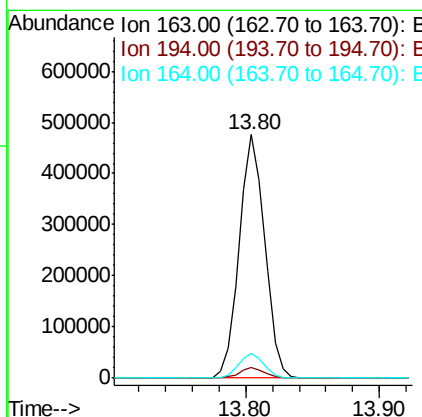
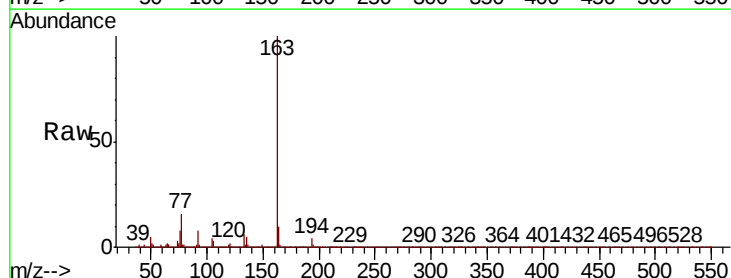
Instrument :
BNA_P
ClientSampleId :
CRT-004RE

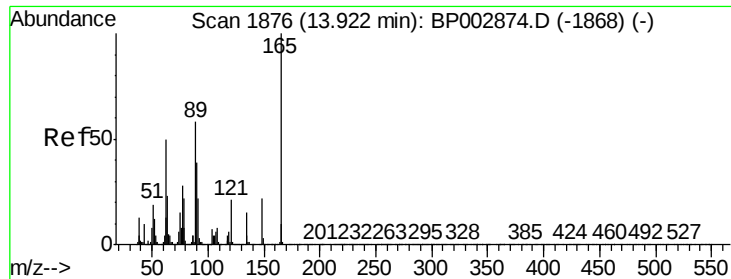
Tot Ion: 65 Resp: 78
Ion Ratio Lower Upper
65 100
92 73.3 61.4 92.0
138 44.3 94.2 141.4#



#50
Dimethylphthalate
Concen: 6.729 ng
RT: 13.80 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Tgt Ion: 163 Resp: 632347
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.2 8.2 12.2

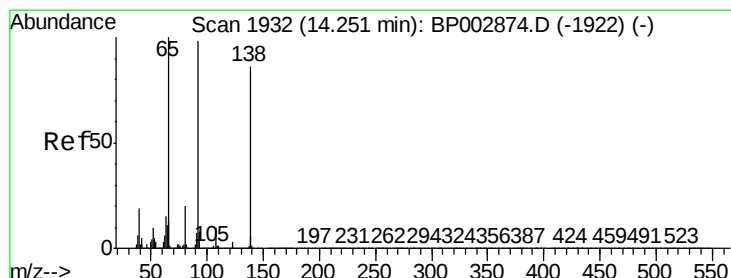
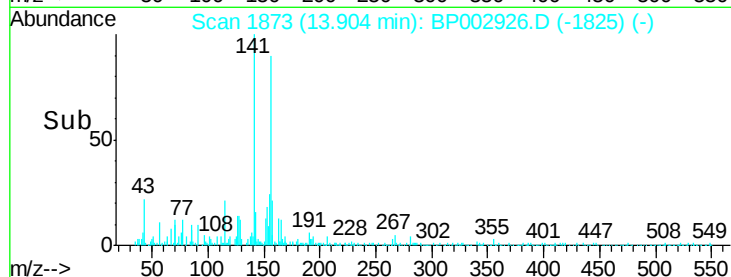
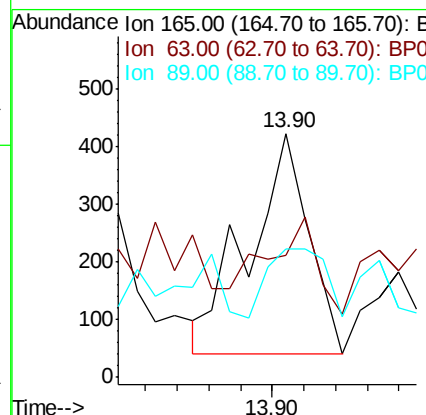
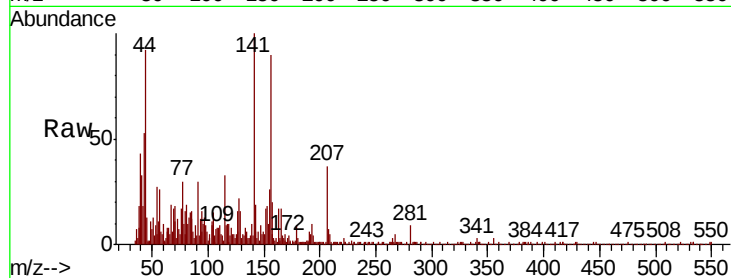




#51
 2,6-Dinitrotoluene
 Concen: 2.922 ng
 RT: 13.90 min Scan# 1873
 Delta R.T. -0.02 min
 Lab File: BP002926.D
 Acq: 06 Aug 2020 18:40

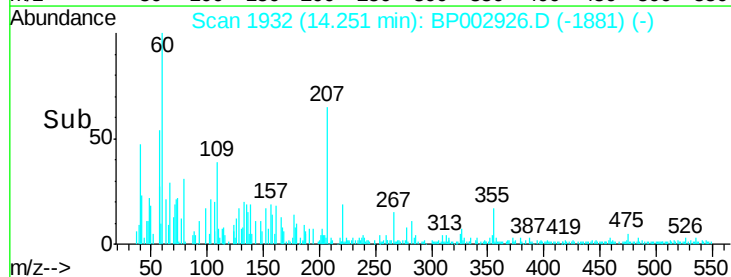
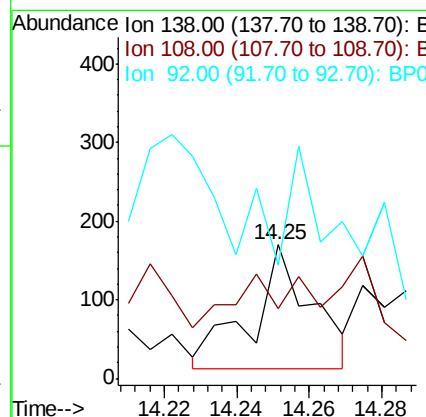
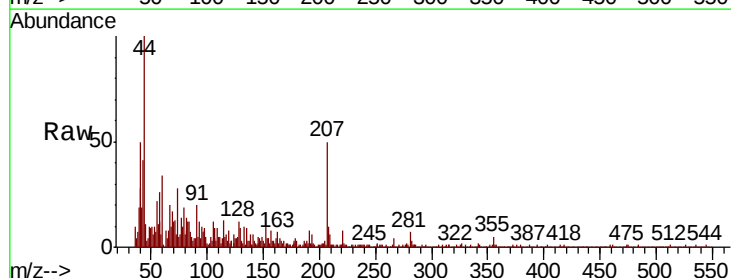
Instrument :
 BNA_P
 ClientSampleId :
 CRT-004RE

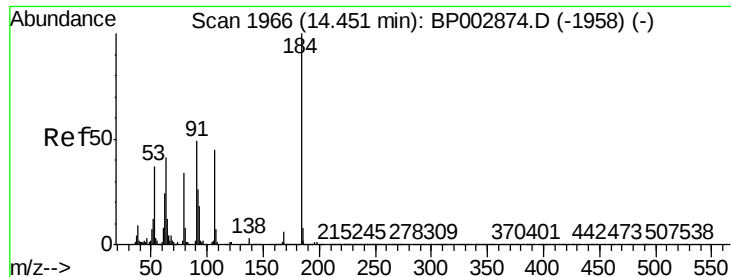
Tot Ion:165 Resp: 500
 Ion Ratio Lower Upper
 165 100
 63 49.9 40.3 60.5
 89 52.7 46.5 69.7



#53
 3-Nitroaniline
 Concen: 3.281 ng
 RT: 14.25 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BP002926.D
 Acq: 06 Aug 2020 18:40

Tgt Ion:138 Resp: 181
 Ion Ratio Lower Upper
 138 100
 108 52.4 9.4 14.0#
 92 84.7 91.0 136.6#

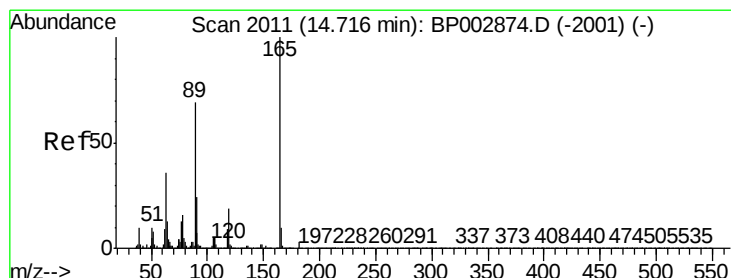
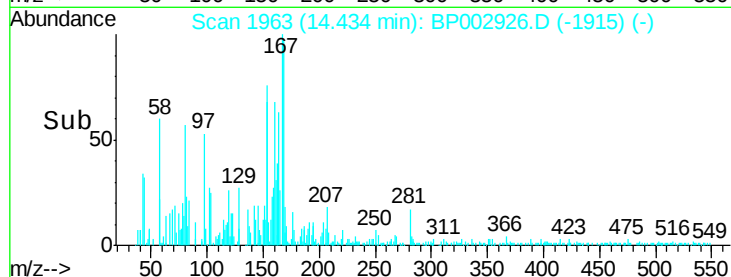
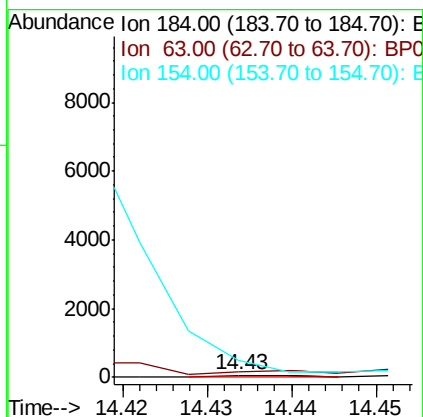
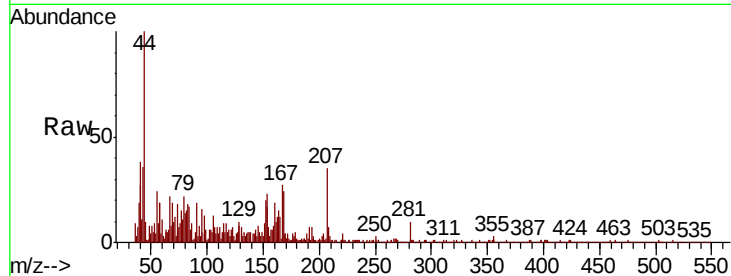




#54
2,4-Dinitrophenol
Concen: 8.061 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

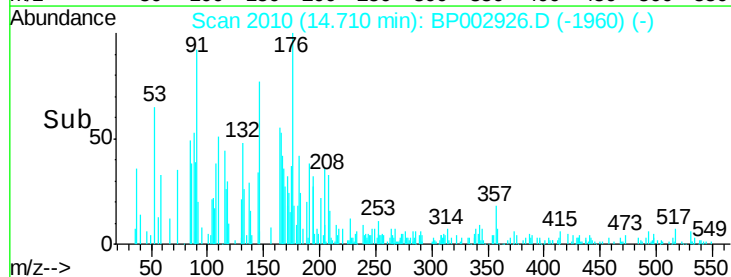
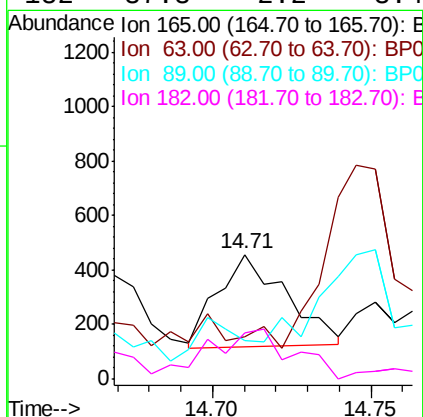
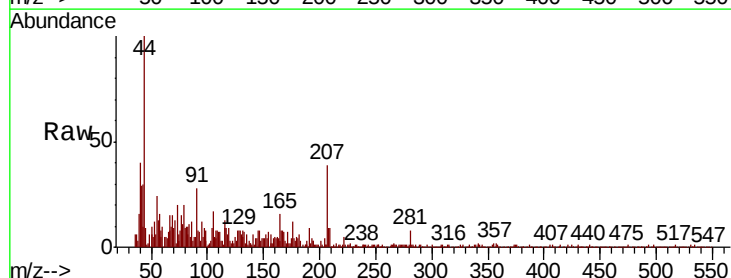
Instrument :
BNA_P
ClientSampleId :
CRT-004RE

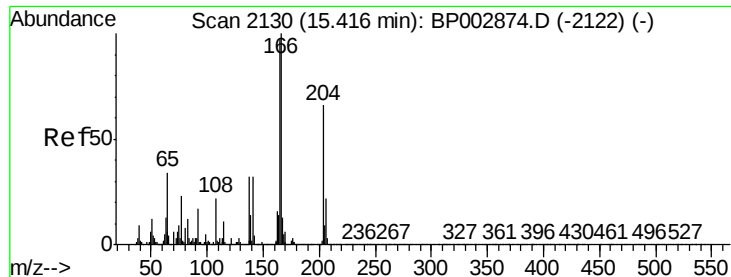
Tot Ion:184 Resp: 38
Ion Ratio Lower Upper
184 100
63 280.4 50.3 75.5#
154 885.7 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 3.823 ng
RT: 14.71 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Tgt Ion:165 Resp: 508
Ion Ratio Lower Upper
165 100
63 33.4 29.0 43.4
89 31.0 55.5 83.3#
182 37.3 2.2 3.4#

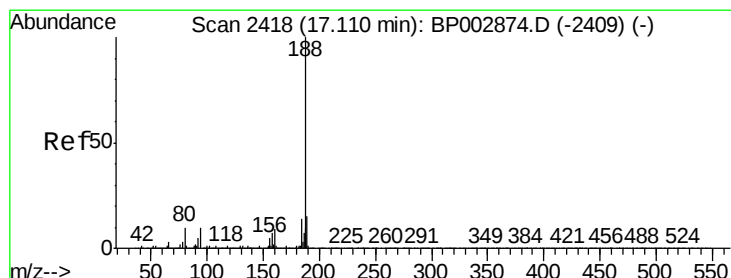
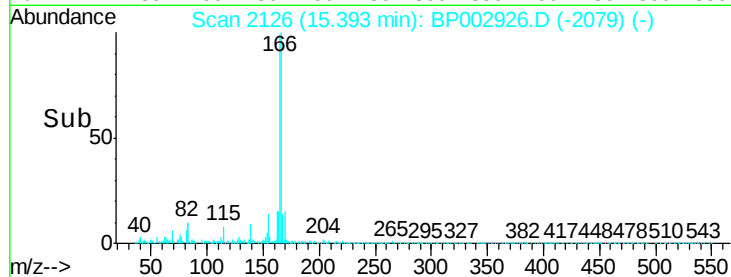
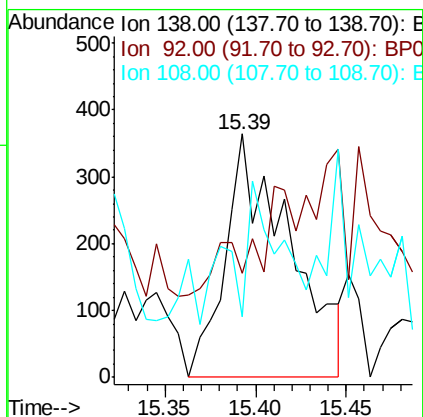
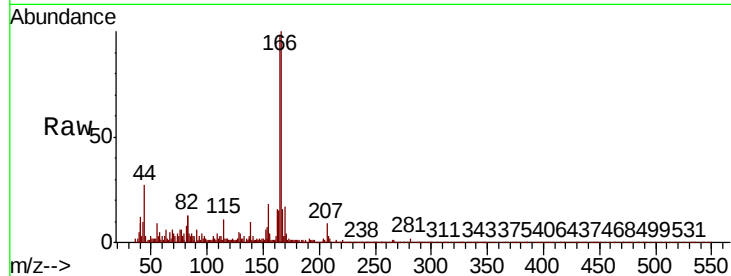




#62
4-Nitroaniline
Concen: 2.455 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.02 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

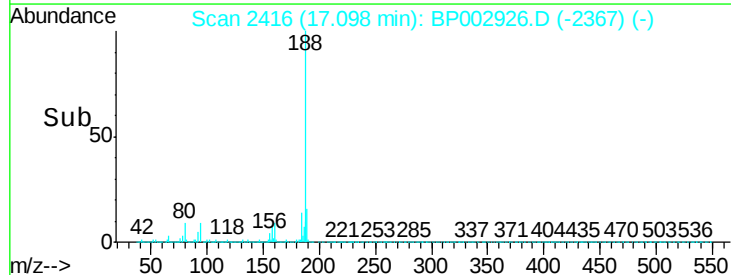
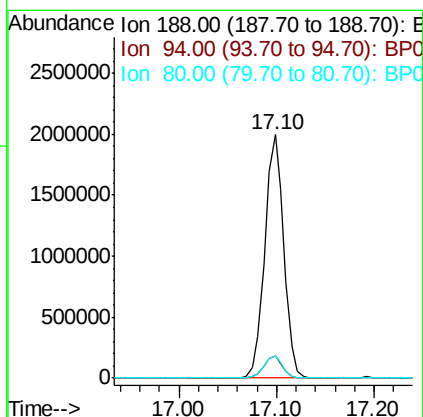
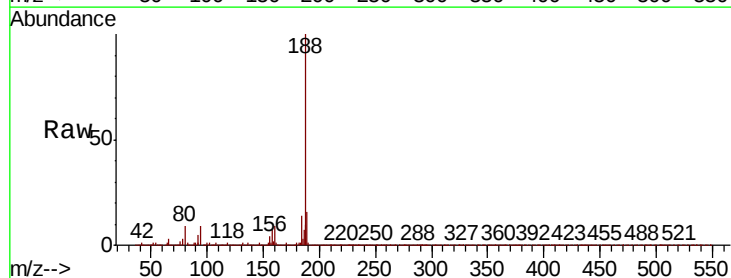
Instrument :
BNA_P
ClientSampleID :
CRT-004RE

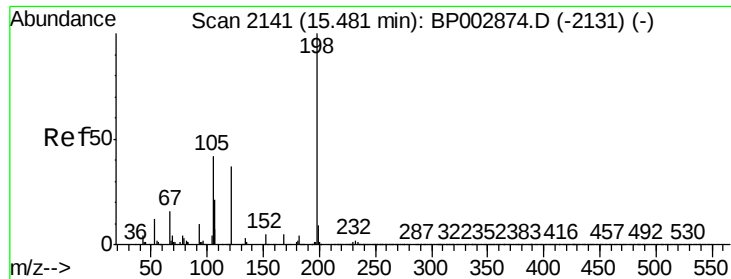
Tot Ion:138 Resp: 889
Ion Ratio Lower Upper
138 100
92 42.6 32.2 72.2
108 24.7 50.0 90.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Tgt Ion:188 Resp: 2731669
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 8.9 8.0 12.0

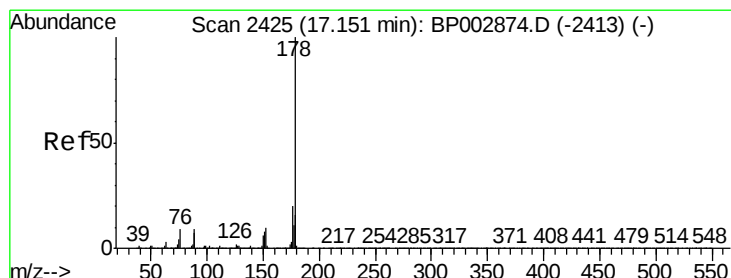
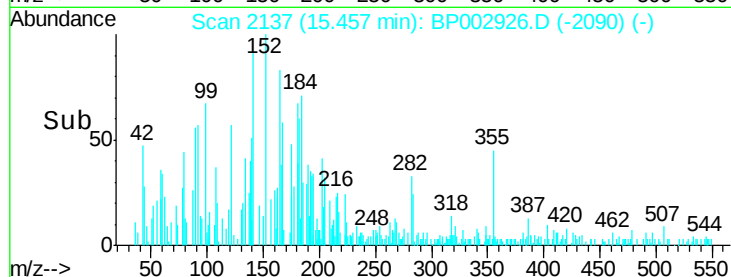
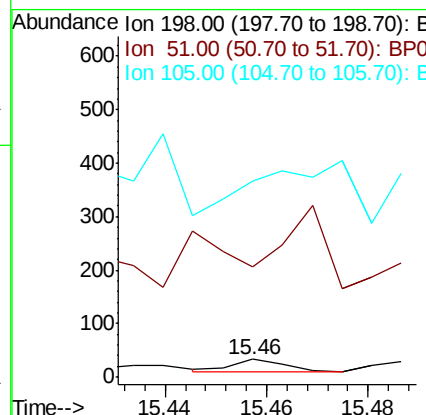
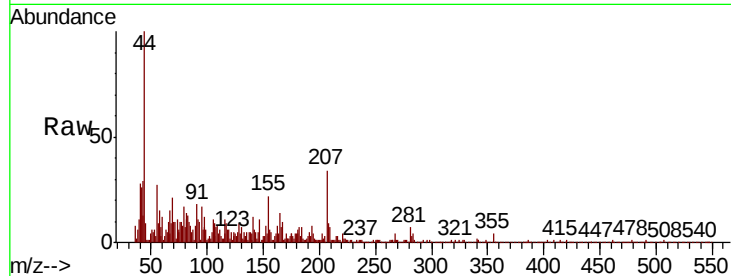




#65
4,6-Dinitro-2-methylphenol
Concen: 6.901 ng
RT: 15.46 min Scan# 2137
Delta R.T. -0.02 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

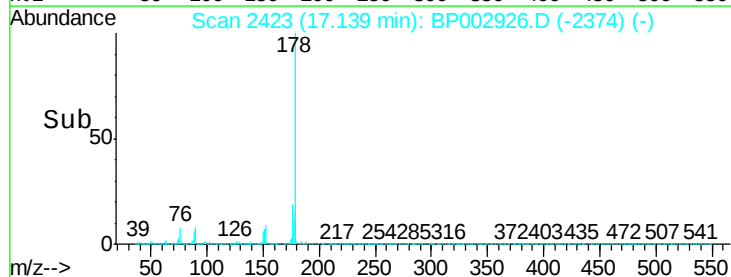
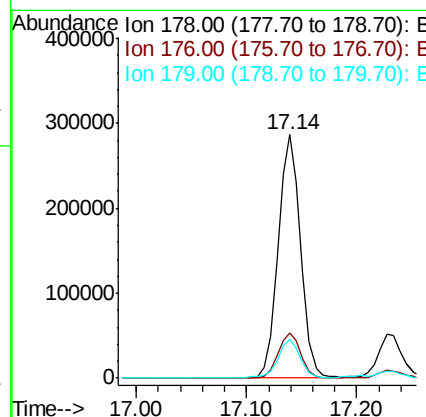
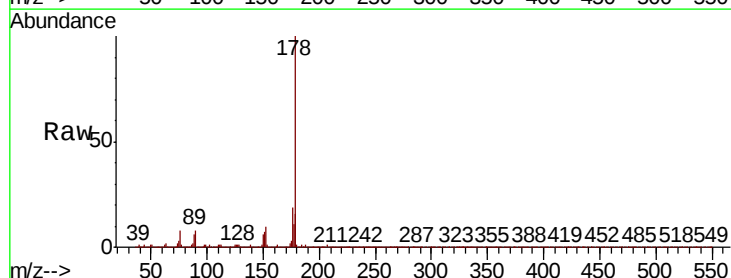
Instrument :
BNA_P
ClientSampled :
CRT-004RE

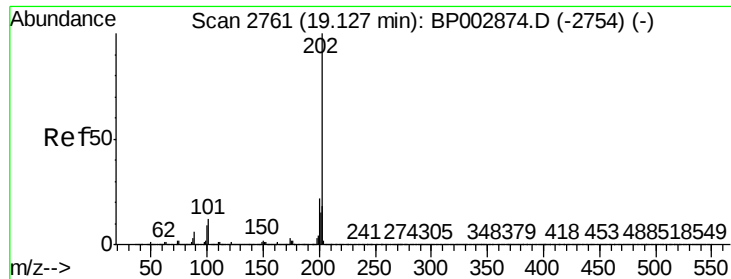
Tot Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 624.2 11.6 51.6#
105 1109.1 23.8 63.8#



#71
Phenanthrene
Concen: 2.518 ng
RT: 17.14 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Tgt Ion:178 Resp: 403285
Ion Ratio Lower Upper
178 100
176 18.7 16.1 24.1
179 15.7 13.0 19.4





#75

Fluoranthene

Concen: 6.069 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

Instrument :

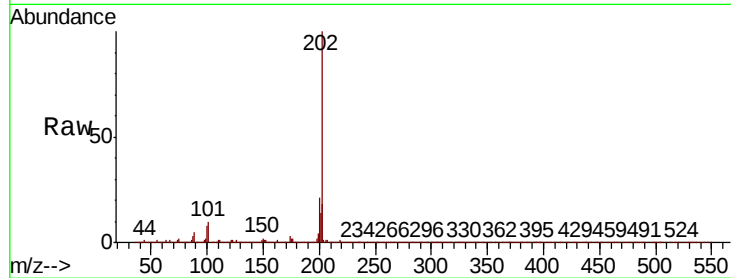
BNA_P

ClientSampleId :

CRT-004RE

Tot Ion:202 Resp: 1120014

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.6
203	17.6	0.0	38.4

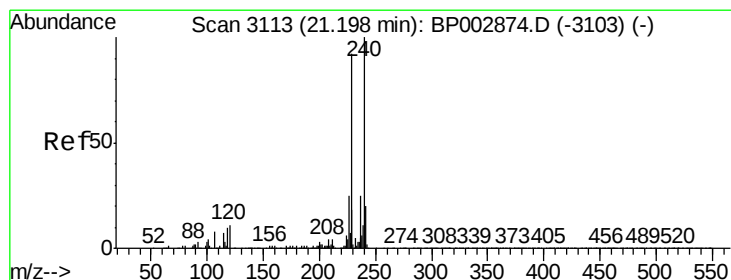
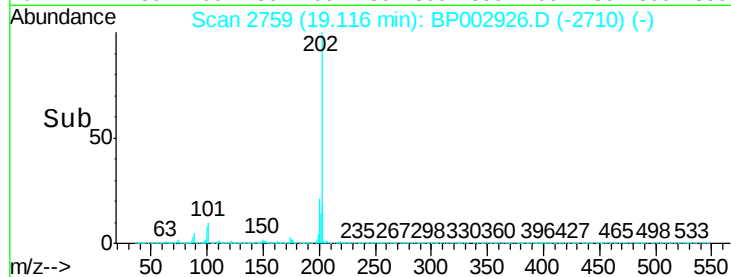
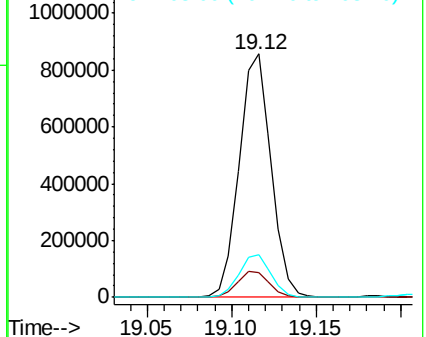


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3111

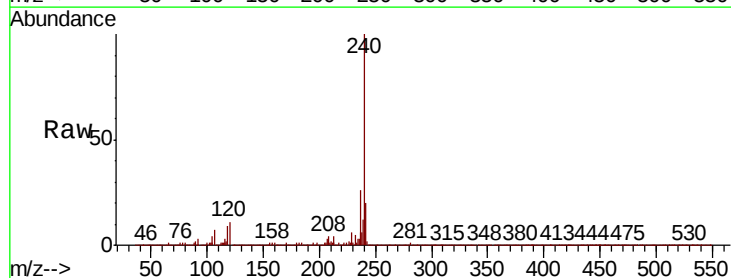
Delta R.T. -0.01 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

Tgt Ion:240 Resp: 3161832

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.4	20.3	30.5

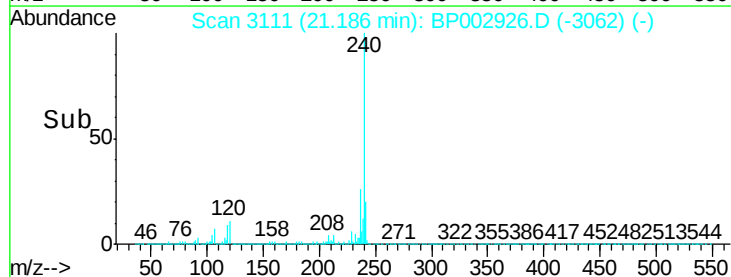
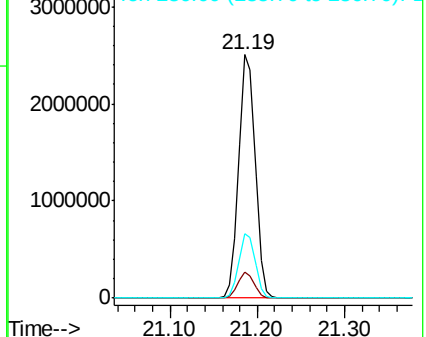


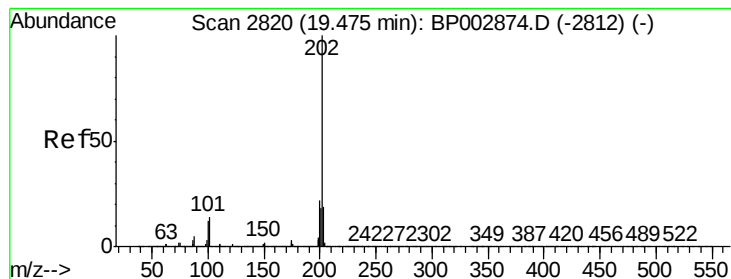
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 4.738 ng

RT: 19.46 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

Instrument :

BNA_P

ClientSampleId :

CRT-004RE

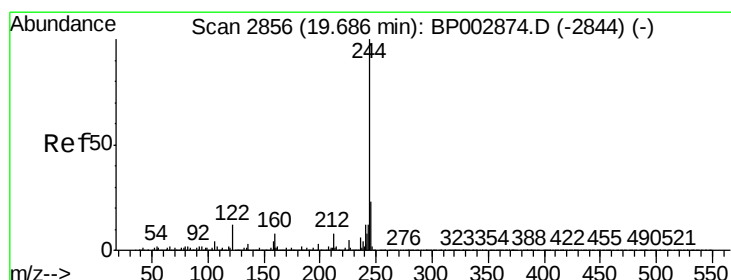
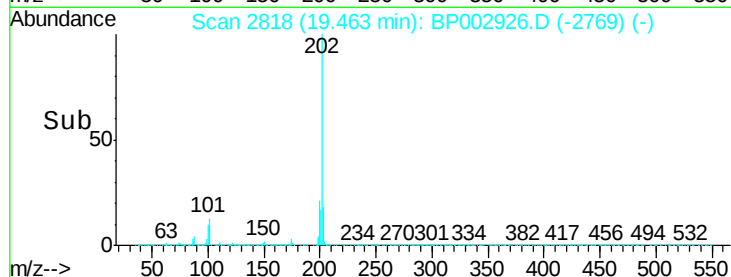
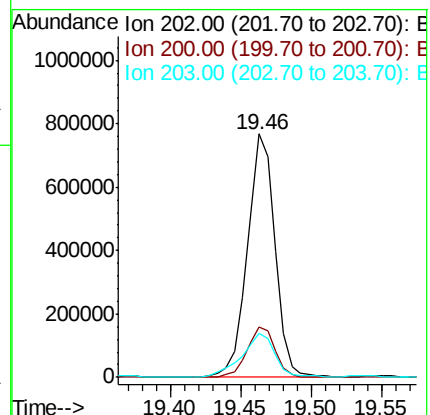
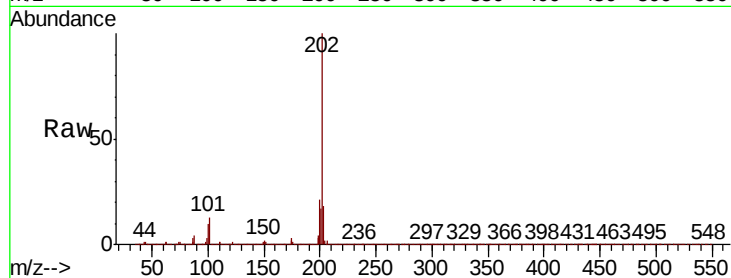
Tot Ion:202 Resp: 1047263

Ion Ratio Lower Upper

202 100

200 20.9 17.9 26.9

203 18.1 15.1 22.7



#79

Terphenyl-d14

Concen: 59.116 ng

RT: 19.67 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

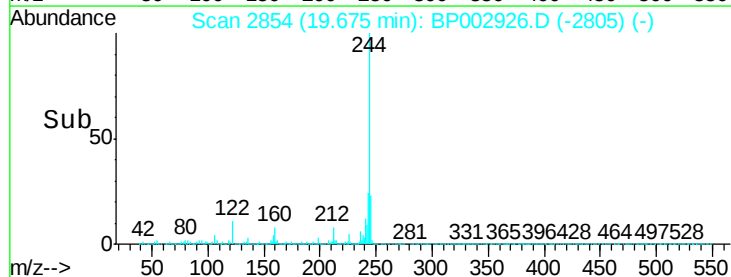
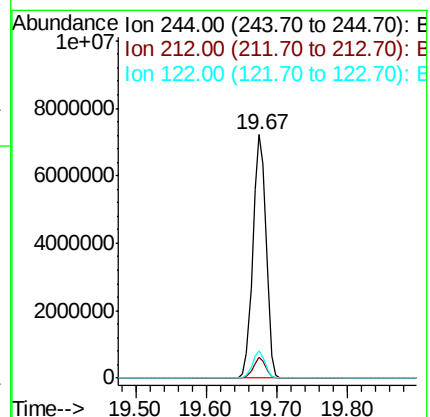
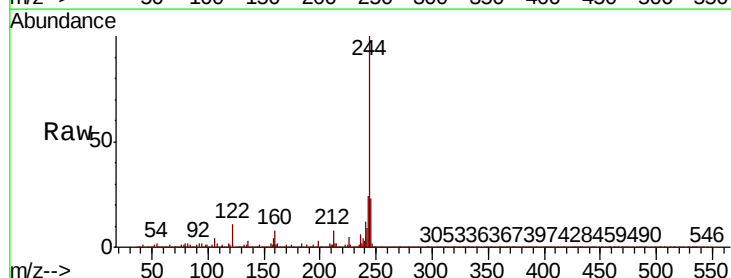
Tgt Ion:244 Resp: 9336654

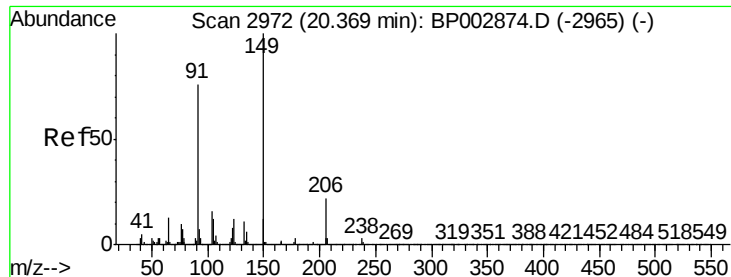
Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

122 11.1 9.4 14.2

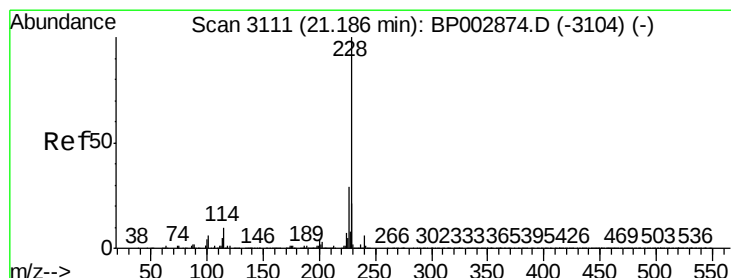
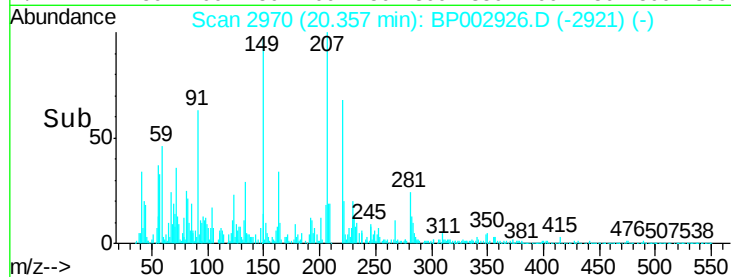
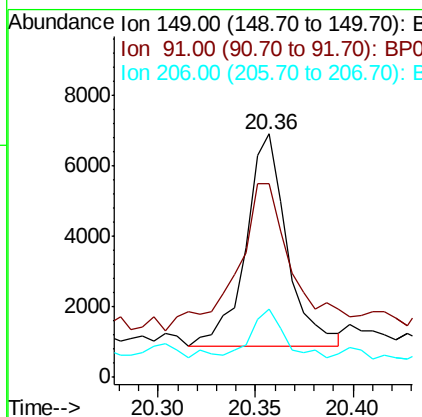
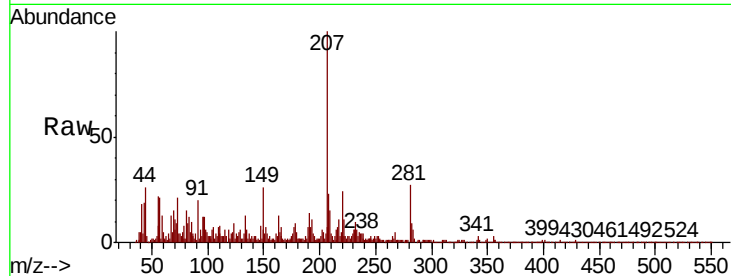




#80
Butylbenzylphthalate
Concen: 3.150 ng
RT: 20.36 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

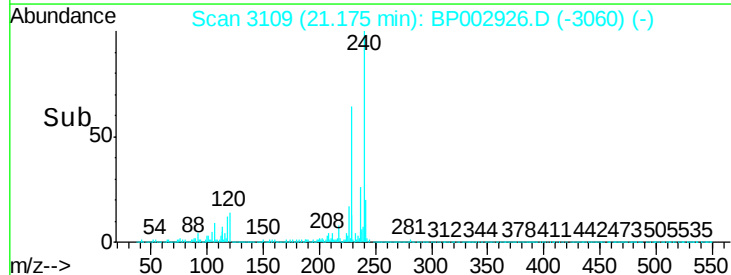
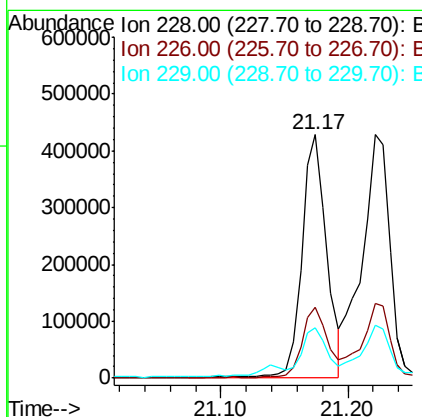
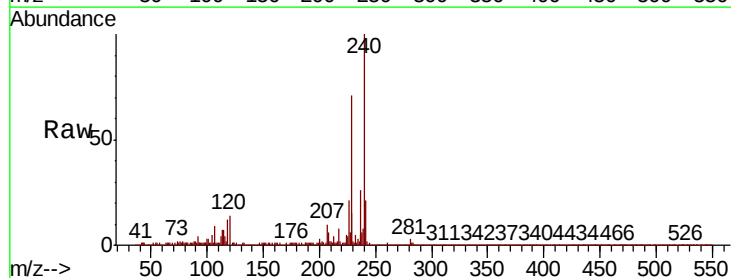
Instrument :
BNA_P
ClientSampleId :
CRT-004RE

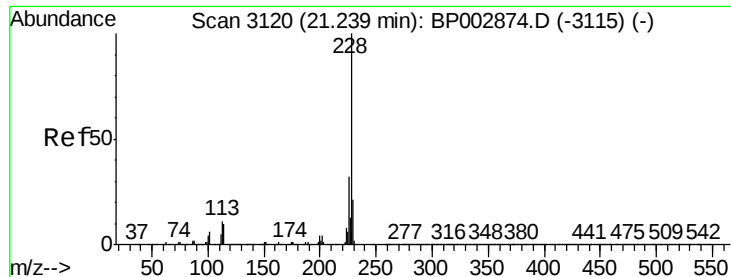
Tot Ion	Ratio	Lower	Upper
149	100		
91	79.3	60.5	90.7
206	28.2	17.5	26.3



#81
Benzo(a)anthracene
Concen: 2.650 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.3	34.9
229	20.7	16.9	25.3

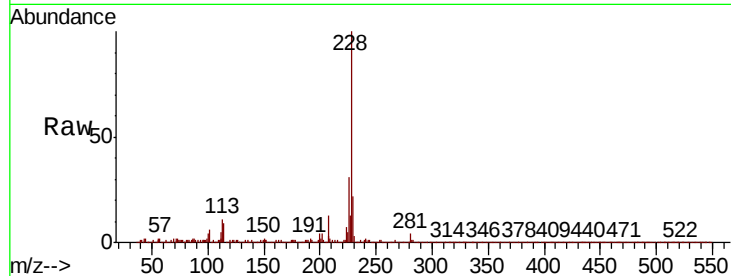




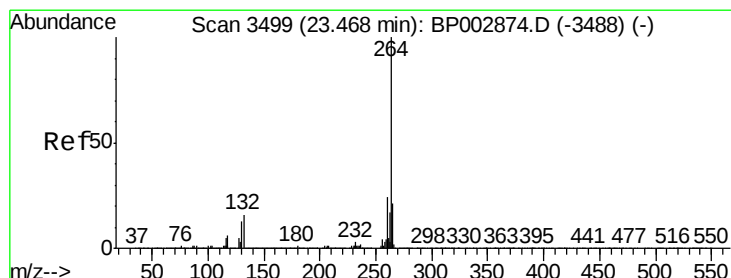
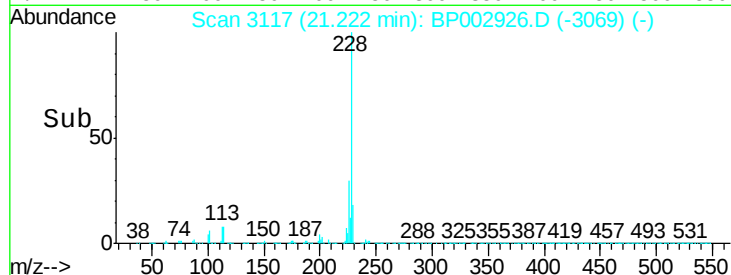
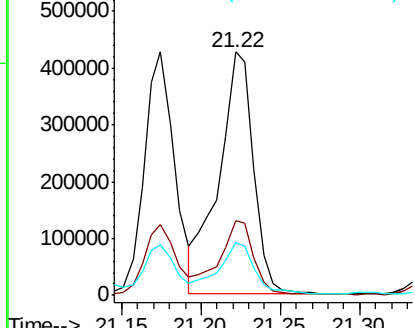
#83
Chrysene
Concen: 3.206 ng
RT: 21.22 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Instrument :
BNA_P
ClientSampleId :
CRT-004RE

Tot Ion:228	Resp:	651234
Ion	Ratio	Lower Upper
228	100	
226	30.6	25.5 38.3
229	21.8	16.7 25.1

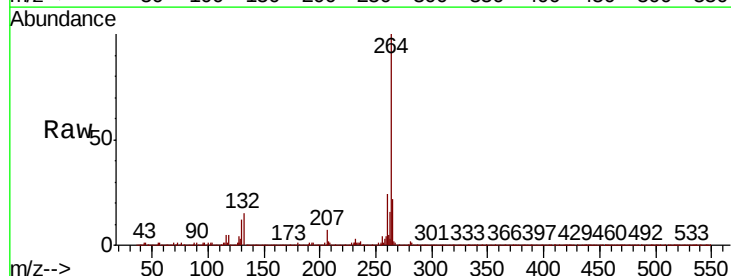


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

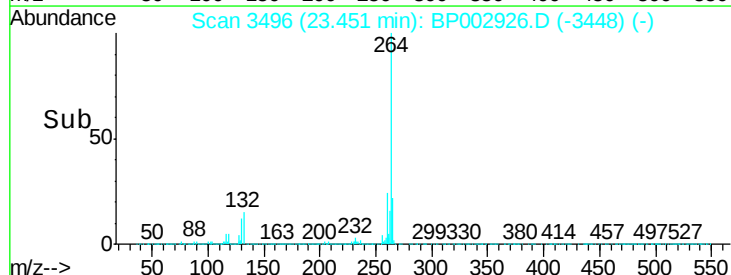
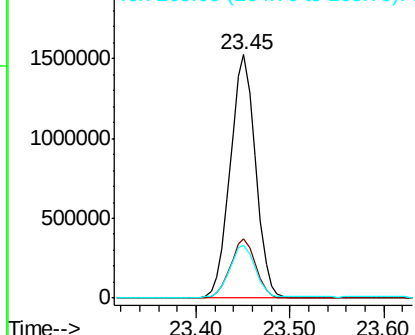


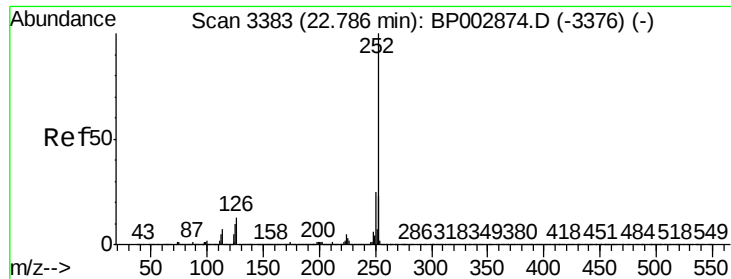
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Tgt Ion:264	Resp:	2846653
Ion	Ratio	Lower Upper
264	100	
260	24.3	19.0 28.6
265	22.0	17.0 25.4



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

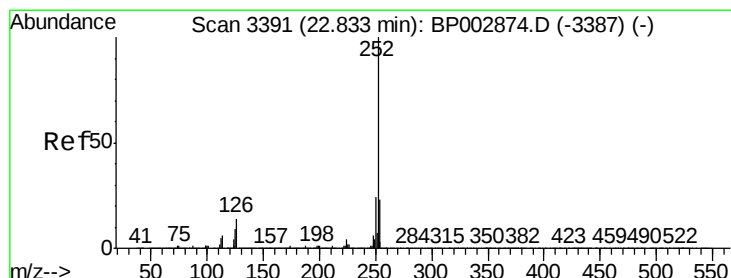
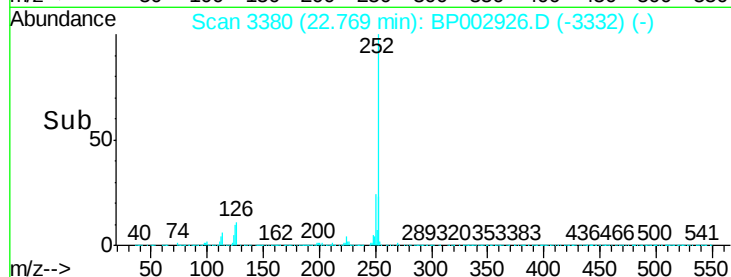
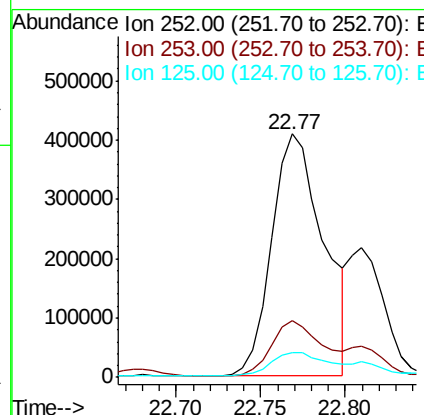
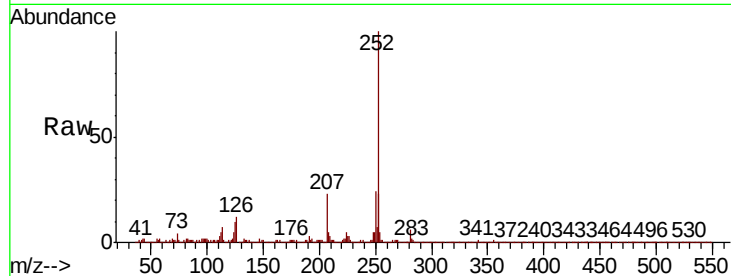




#88
Benzo(b)fluoranthene
Concen: 4.343 ng
RT: 22.77 min Scan# 3380
Delta R.T. -0.02 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

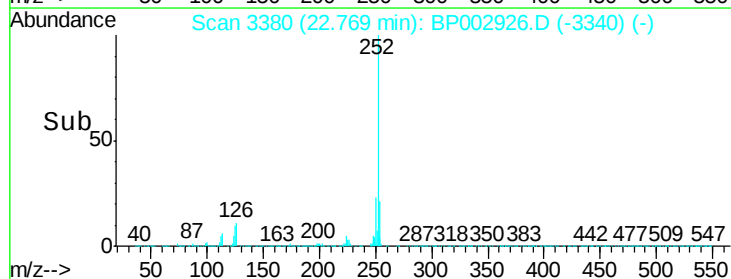
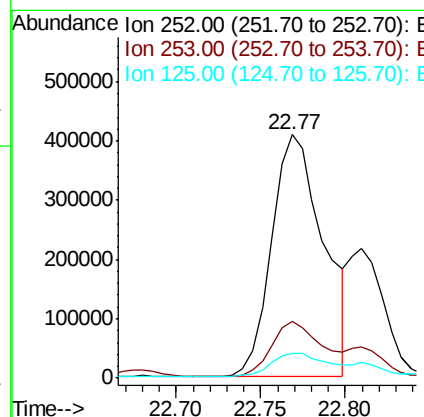
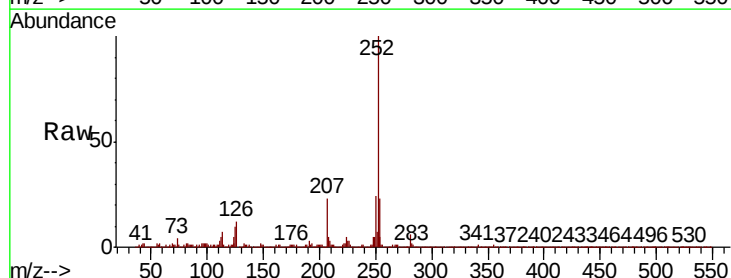
Instrument :
BNA_P
ClientSampled :
CRT-004RE

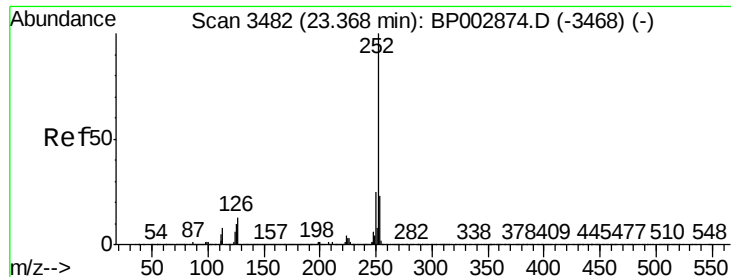
Tot Ion:252 Resp: 872492
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 10.2 7.8 11.8



#89
Benzo(k)fluoranthene
Concen: 4.595 ng
RT: 22.77 min Scan# 3380
Delta R.T. -0.06 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Tgt Ion:252 Resp: 872492
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 10.2 7.5 11.3





#90

Benzo(a)pyrene

Concen: 2.679 ng

RT: 23.35 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

Instrument :

BNA_P

ClientSampleId :

CRT-004RE

Tot Ion: 252 Resp: 486225

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 10.2 8.3 12.5

