

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
 Data File : BP002914.D
 Acq On : 06 Aug 2020 11:52
 Operator : CG/JU
 Sample : L3548-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-025

Quant Time: Aug 06 12:37:30 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	348168	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1330072	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	828423	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1837679	20.00	ng	0.00
76) Chrysene-d12	21.19	240	2069587	20.00	ng	0.00
86) Perylene-d12	23.46	264	2339148	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	2323960	102.16	ng	0.00
7) Phenol-d6	6.89	99	2612888	82.73	ng	0.00
23) Nitrobenzene-d5	8.86	82	1895407	77.18	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1405836	136.54	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4635659	76.45	ng	0.00
79) Terphenyl-d14	19.68	244	7383567	71.42	ng	0.00

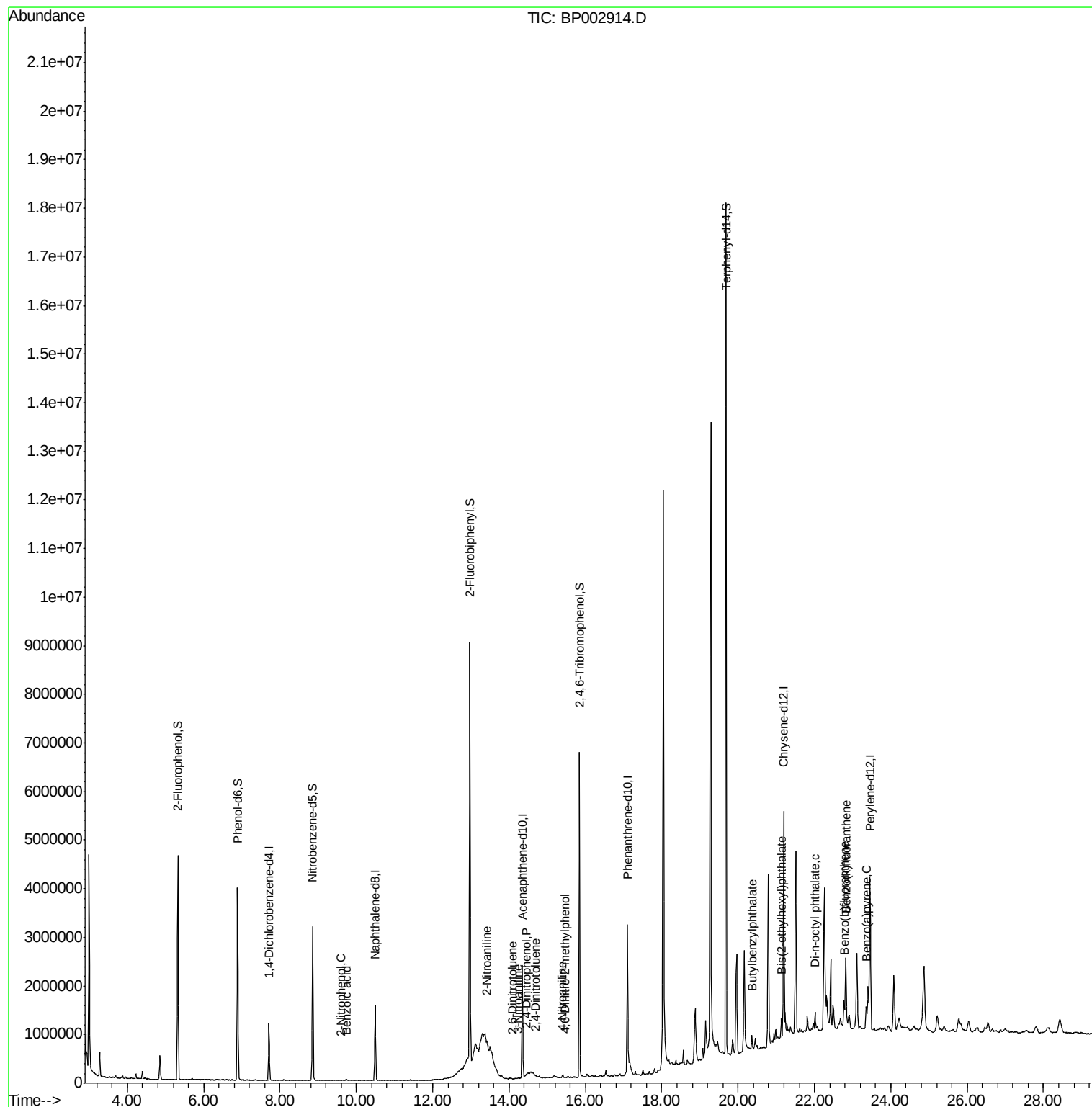
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.60	139	140	4.532	ng	# 1
32) Benzoic acid	9.73	122	11984	8.501	ng	# 84
48) 2-Nitroaniline	13.42	65	2062	4.113	ng	# 78
51) 2,6-Dinitrotoluene	14.09	165	184	2.911	ng	# 95
53) 3-Nitroaniline	14.25	138	9804	3.869	ng	# 82
54) 2,4-Dinitrophenol	14.45	184	202	8.087	ng	# 28
57) 2,4-Dinitrotoluene	14.70	165	3381	3.968	ng	# 96
62) 4-Nitroaniline	15.40	138	21512	3.775	ng	# 94
65) 4,6-Dinitro-2-methylphenol	15.48	198	171	6.916	ng	# 1
80) Butylbenzylphthalate	20.36	149	93957	4.555	ng	# 92
84) Bis(2-ethylhexyl)phthalate	21.13	149	165356	2.065	ng	# 98
85) Di-n-octyl phthalate	22.02	149	277577	2.110	ng	# 83
88) Benzo(b)fluoranthene	22.77	252	362839	2.198	ng	# 97
89) Benzo(k)fluoranthene	22.82	252	362588	2.324	ng	# 94
90) Benzo(a)pyrene	23.36	252	314127	2.106	ng	# 96

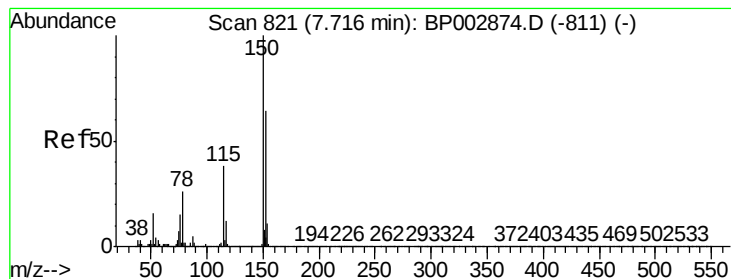
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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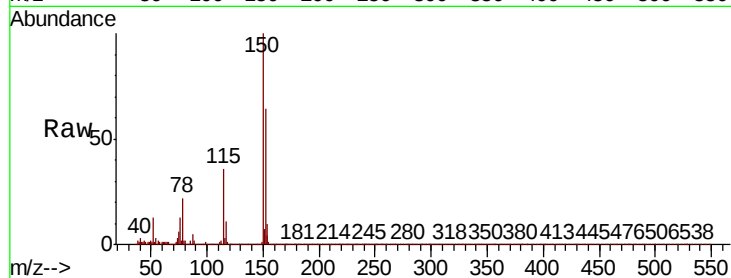


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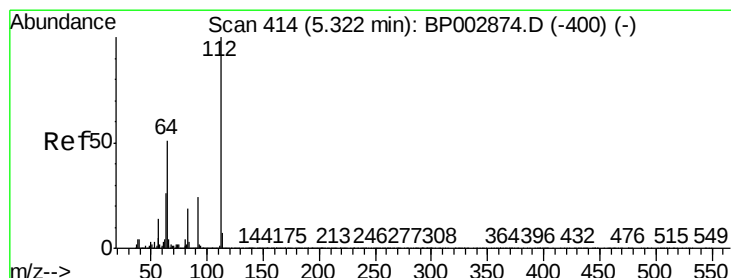
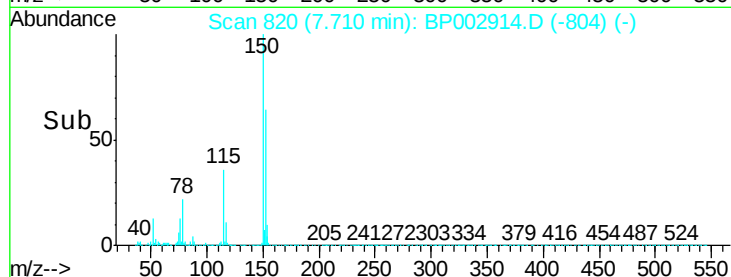
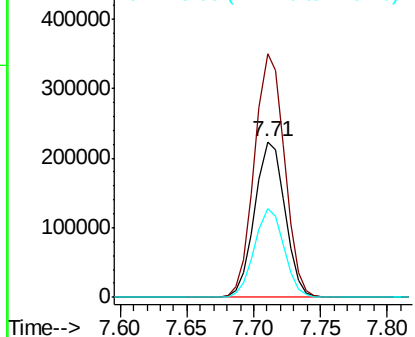
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

Instrument :
BNA_P
ClientSampleId :
CRT-025

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.8	187.2
115	57.0	47.4	71.2



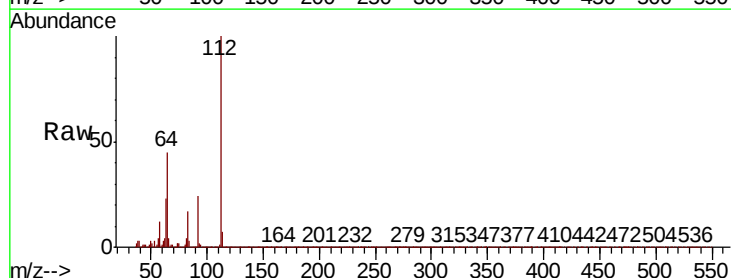
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



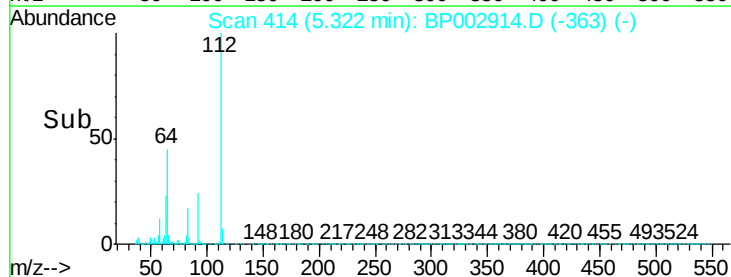
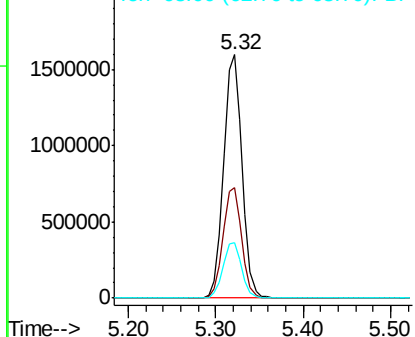
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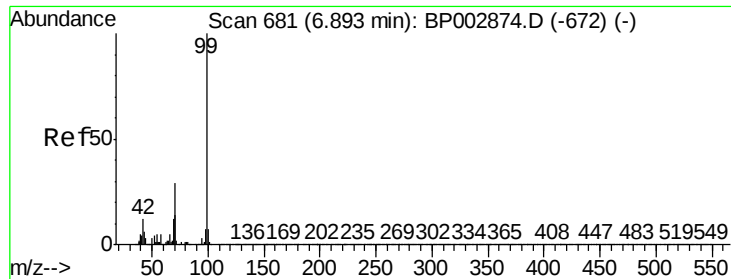
2-Fluorophenol
Concen: 102.158 ng
RT: 5.32 min Scan# 414
Delta R.T. -0.00 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.1	41.0	61.6
63	22.7	20.7	31.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 82.729 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002914.D

Acq: 06 Aug 2020 11:52

Instrument :

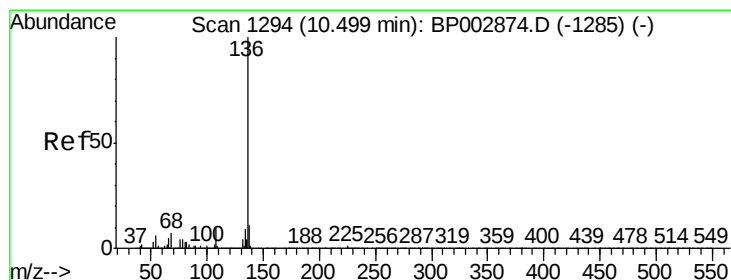
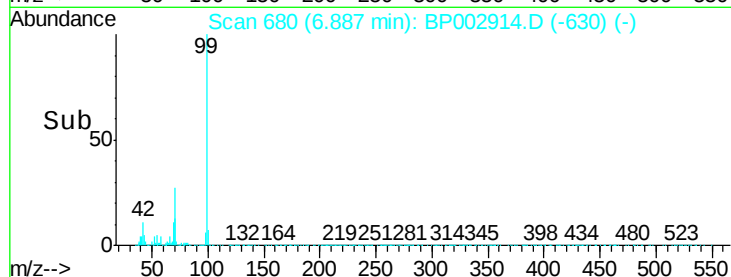
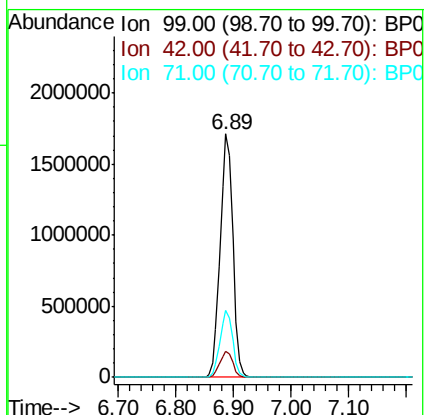
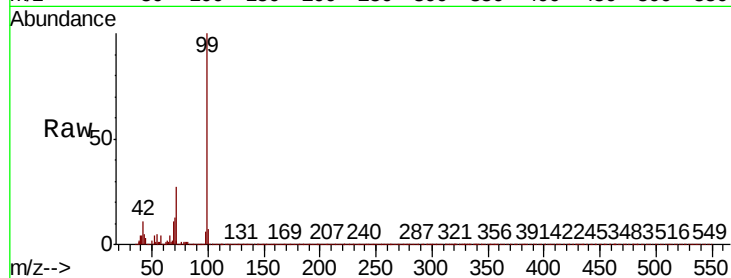
BNA_P

ClientSampleId :

CRT-025

Tot Ion: 99 Resp: 2612888

Ion	Ratio	Lower	Upper
99	100		
42	10.7	9.3	13.9
71	27.4	23.5	35.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1293

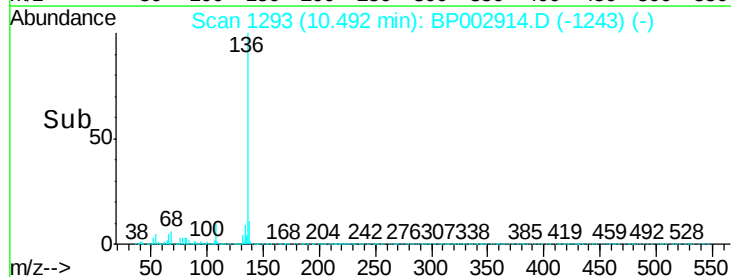
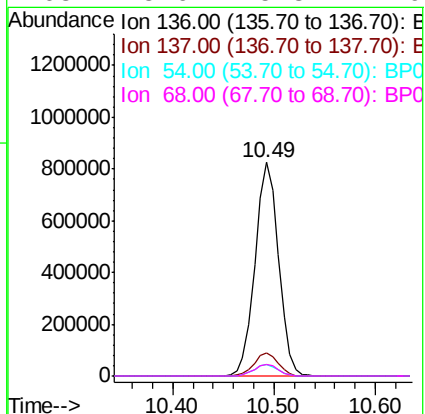
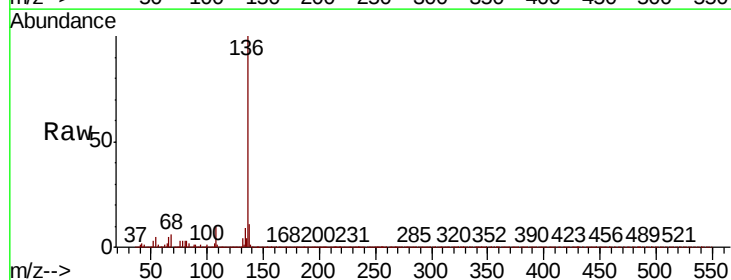
Delta R.T. -0.01 min

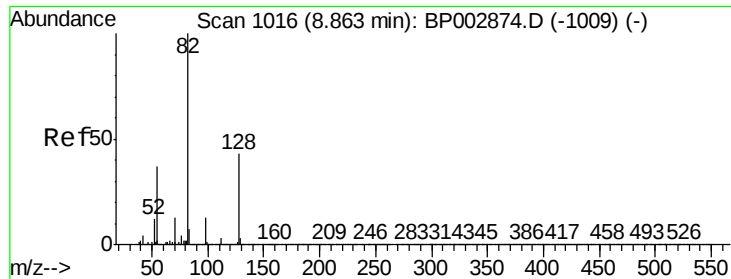
Lab File: BP002914.D

Acq: 06 Aug 2020 11:52

Tgt Ion: 136 Resp: 1330072

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.4	5.1	7.7
68	5.6	5.3	7.9

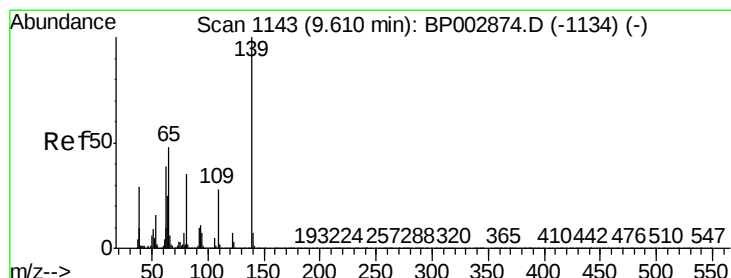
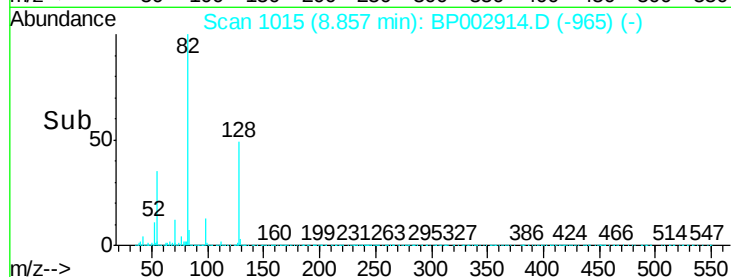
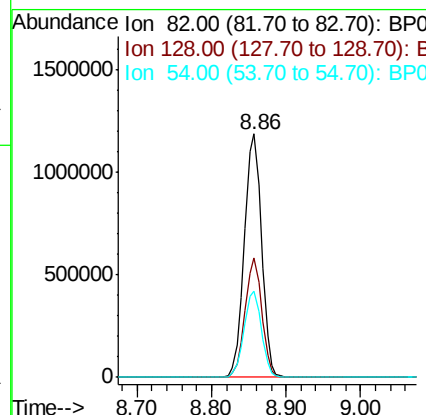
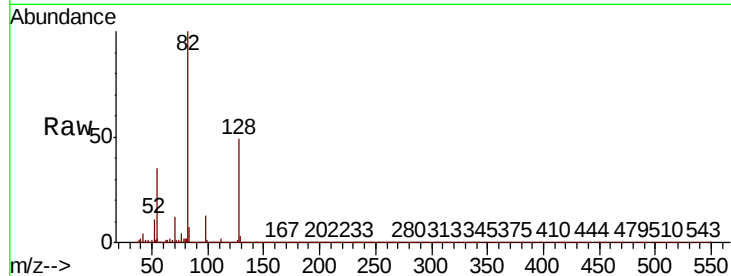




#23
Nitrobenzene-d5
Concen: 77.184 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

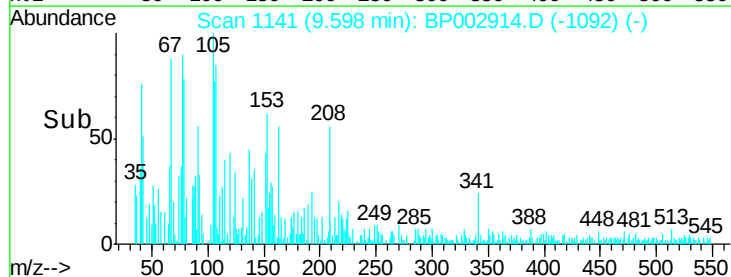
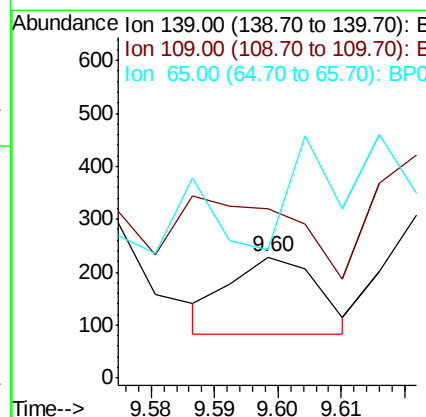
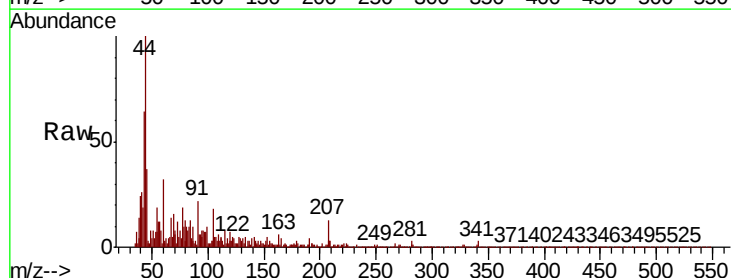
Instrument :
BNA_P
ClientSampleId :
CRT-025

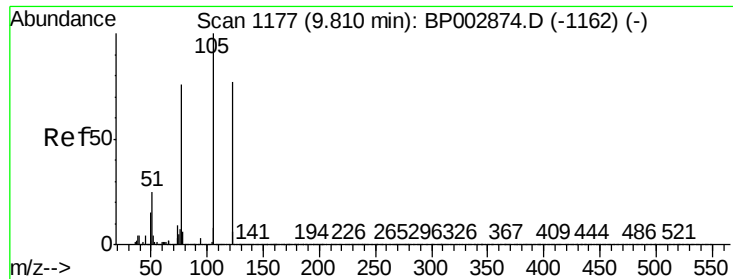
Tot Ion: 82 Resp: 1895407
Ion Ratio Lower Upper
82 100
128 49.0 34.6 52.0
54 35.3 29.5 44.3



#26
2-Nitrophenol
Concen: 4.532 ng
RT: 9.60 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

Tgt Ion:139 Resp: 140
Ion Ratio Lower Upper
139 100
109 139.3 22.2 33.2#
65 105.7 38.9 58.3#

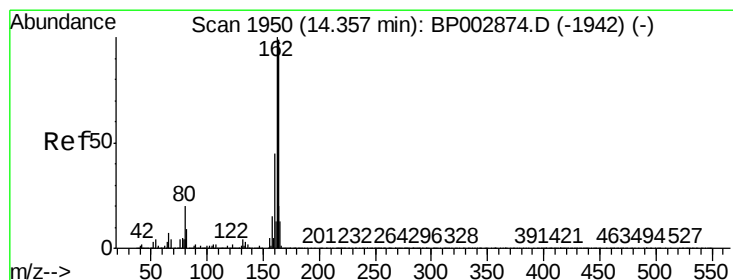
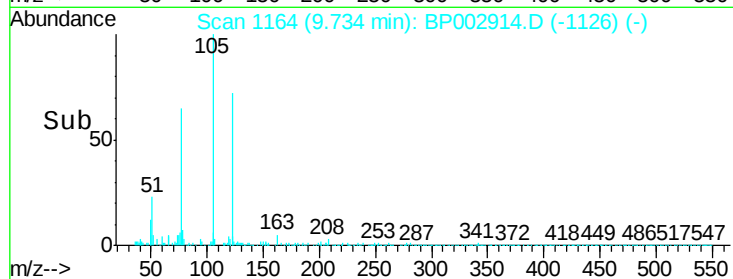
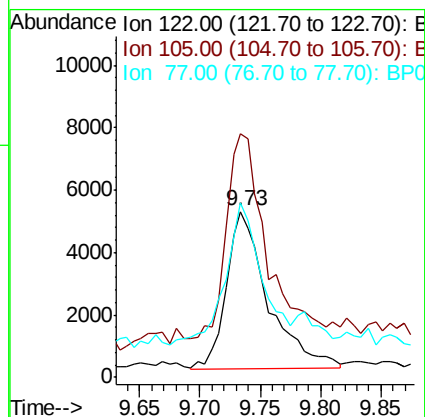
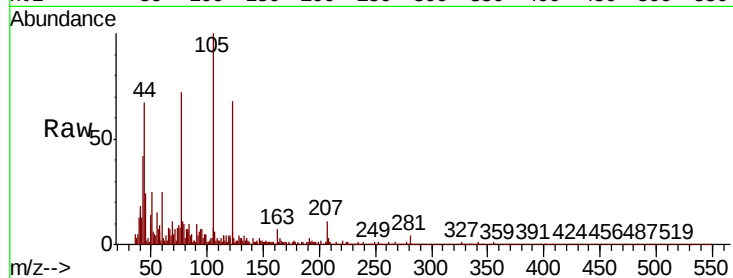




#32
Benzoic acid
Concen: 8.501 ng
RT: 9.73 min Scan# 1164
Delta R.T. -0.08 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

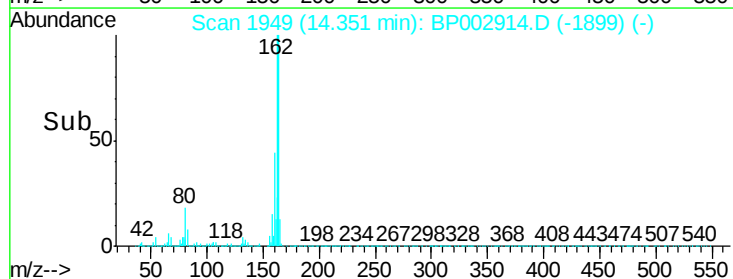
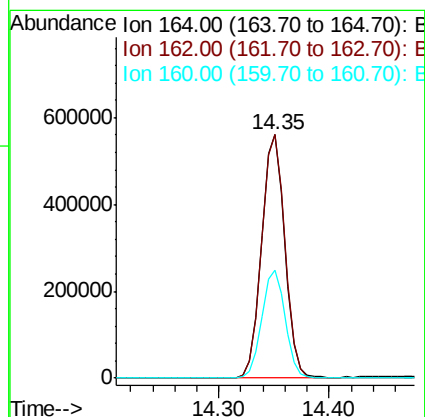
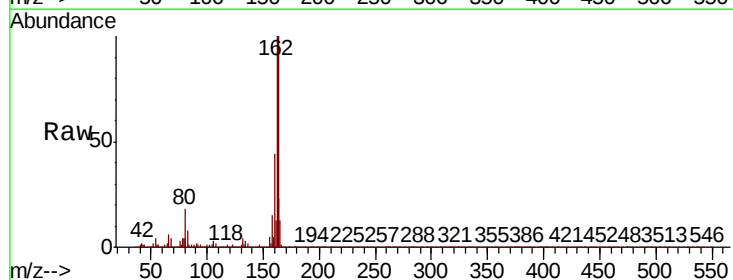
Instrument :
BNA_P
ClientSampled :
CRT-025

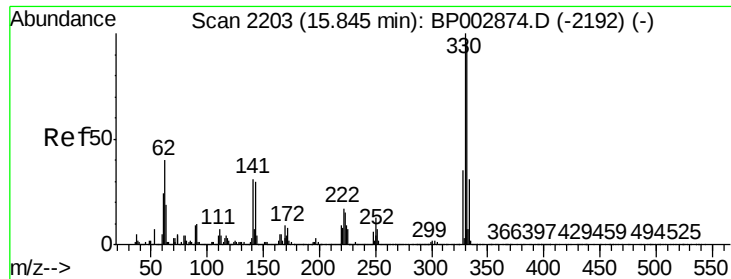
Tot Ion	Ratio	Lower	Upper
122	100		
105	146.7	103.4	143.4#
77	105.0	74.6	114.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.0	121.6
160	44.4	36.2	54.4

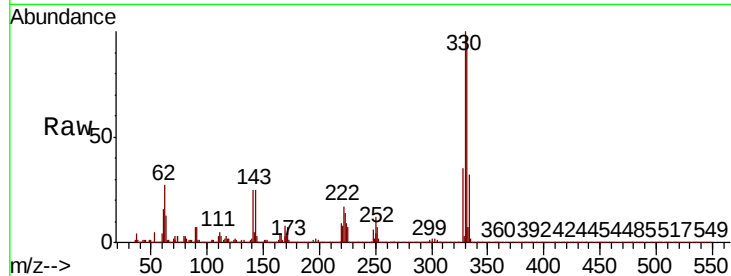




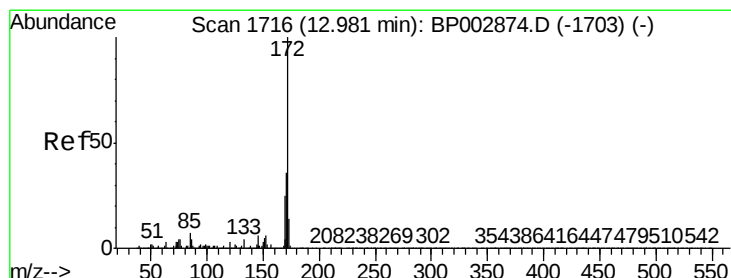
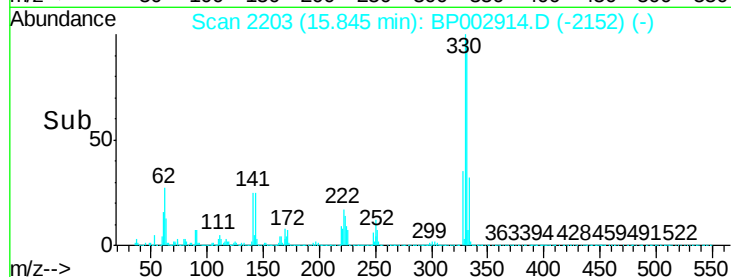
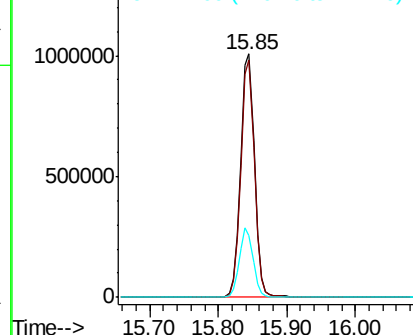
#42
2,4,6-Tribromophenol
Concen: 136.537 ng
RT: 15.85 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

Instrument :
BNA_P
ClientSampled :
CRT-025

Tot Ion:330 Resp: 1405836
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 28.2 24.6 37.0

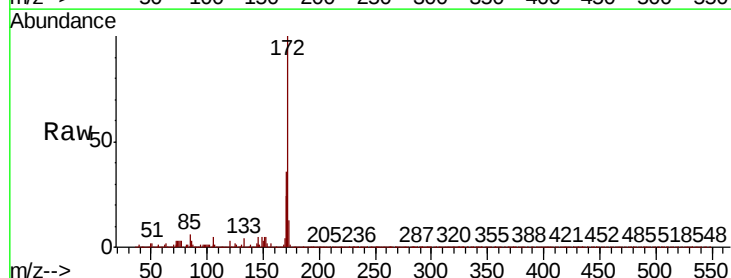


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

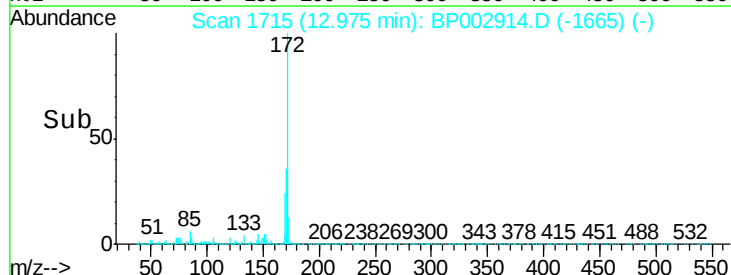
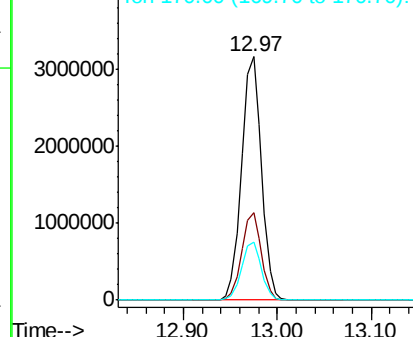


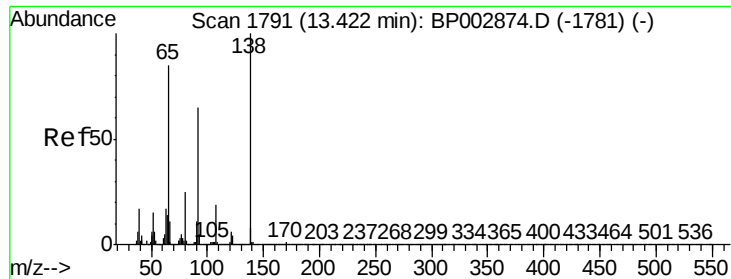
#45
2-Fluorobiphenyl
Concen: 76.455 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

Tgt Ion:172 Resp: 4635659
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 23.8 19.6 29.4



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

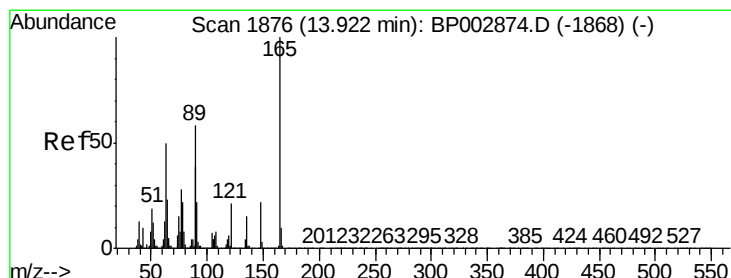
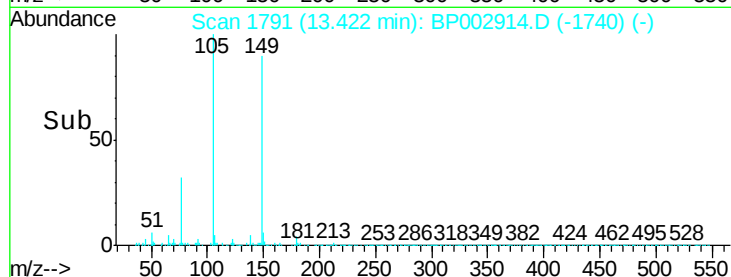
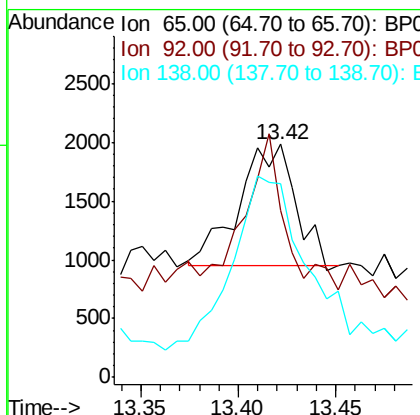
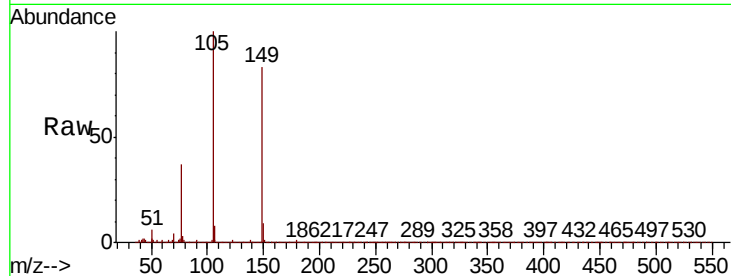




#48
2-Nitroaniline
Concen: 4.113 ng
RT: 13.42 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

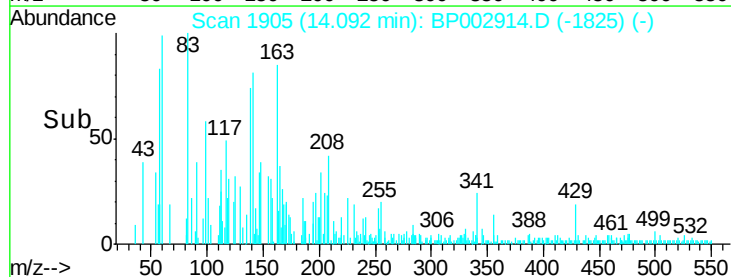
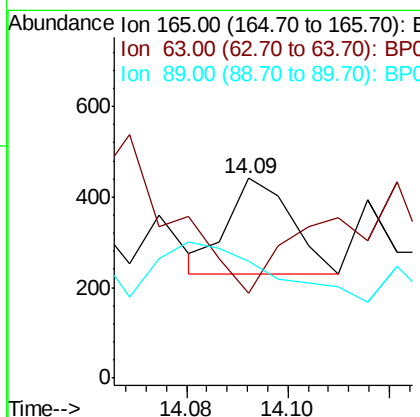
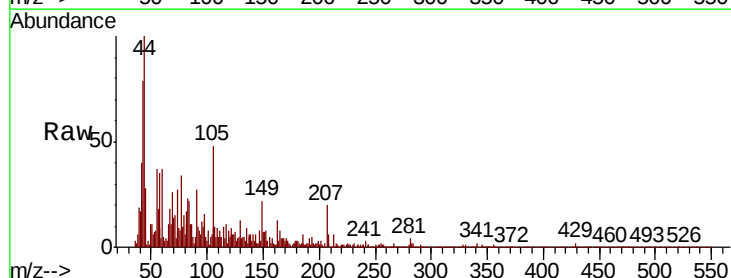
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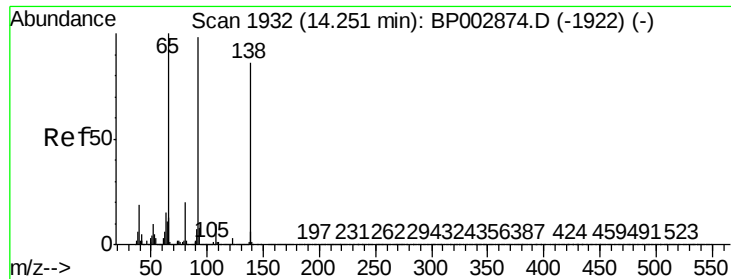
Tot Ion: 65 Resp: 2062
Ion Ratio Lower Upper
65 100
92 71.4 61.4 92.0
138 83.2 94.2 141.4#



#51
2,6-Dinitrotoluene
Concen: 2.911 ng
RT: 14.09 min Scan# 1905
Delta R.T. 0.17 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

Tgt Ion: 165 Resp: 184
Ion Ratio Lower Upper
165 100
63 42.8 40.3 60.5
89 58.4 46.5 69.7

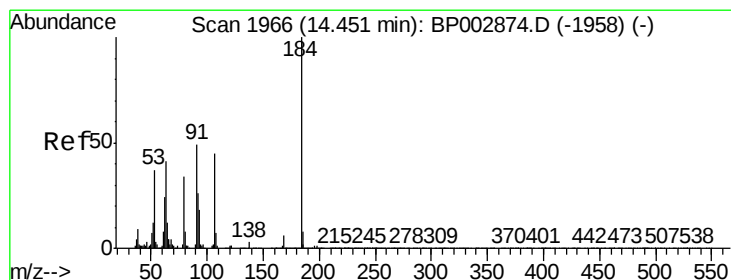
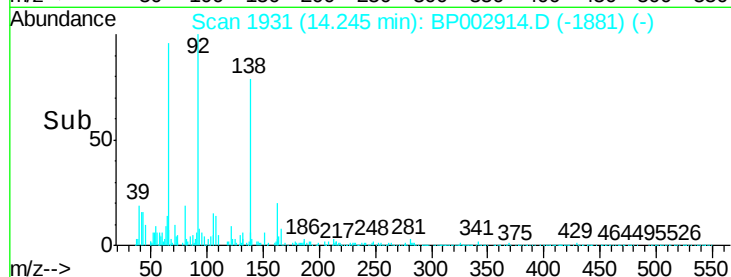
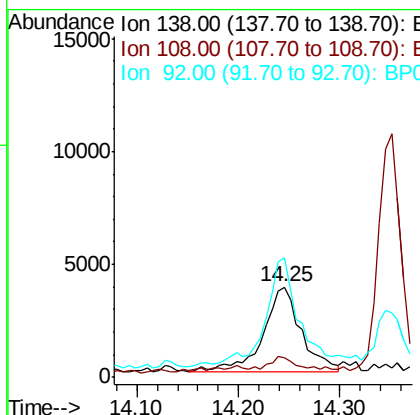
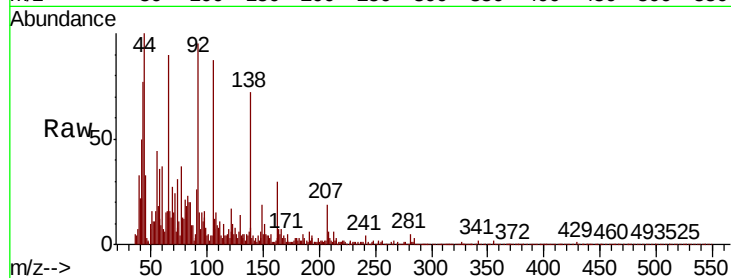




#53
3-Nitroaniline
Concen: 3.869 ng
RT: 14.25 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

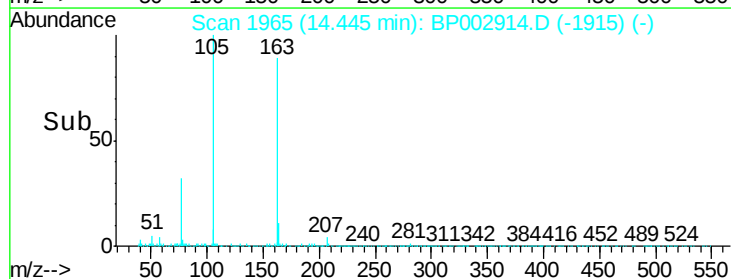
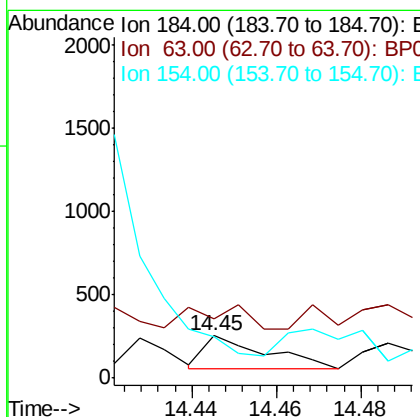
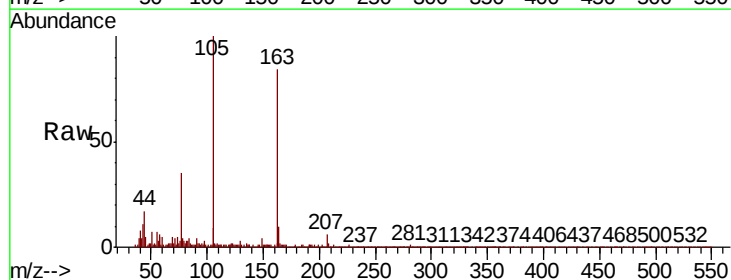
Instrument :
BNA_P
ClientSampled :
CRT-025

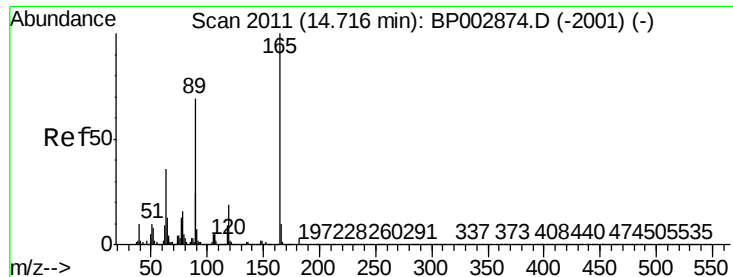
Tot Ion:138 Resp: 9804
Ion Ratio Lower Upper
138 100
108 21.5 9.4 14.0#
92 132.4 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 8.087 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

Tgt Ion:184 Resp: 202
Ion Ratio Lower Upper
184 100
63 140.7 50.3 75.5#
154 97.2 50.6 76.0#

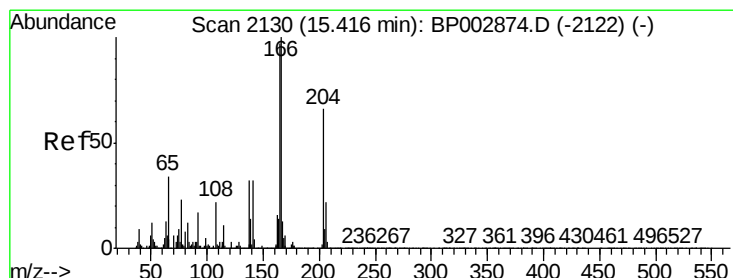
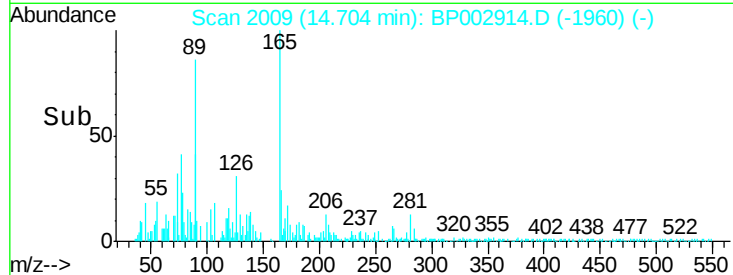
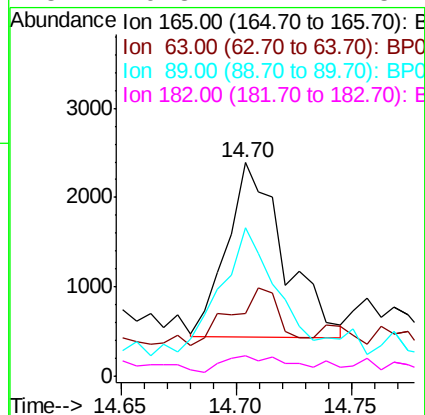
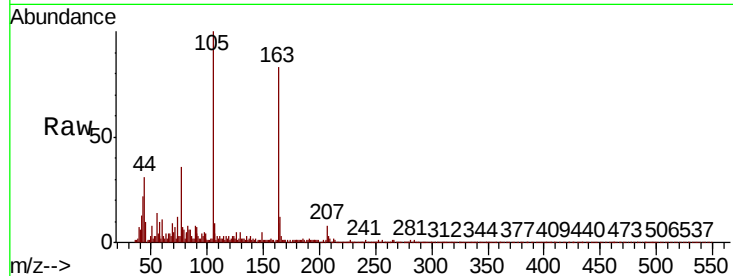




#57
2,4-Dinitrotoluene
Concen: 3.968 ng
RT: 14.70 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

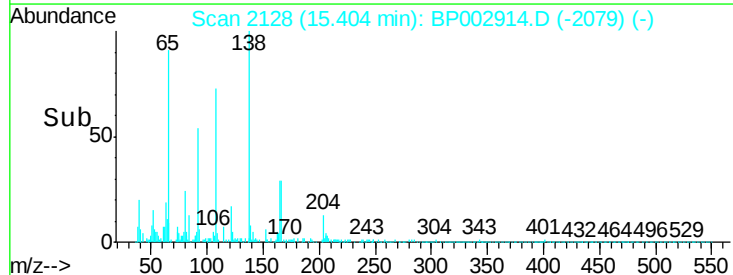
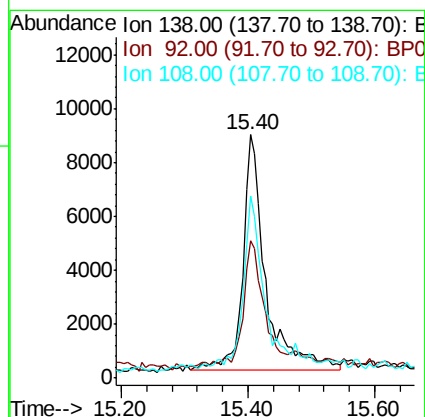
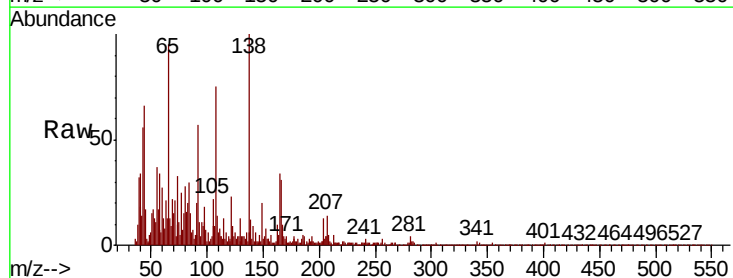
Instrument :
BNA_P
ClientSampleId :
CRT-025

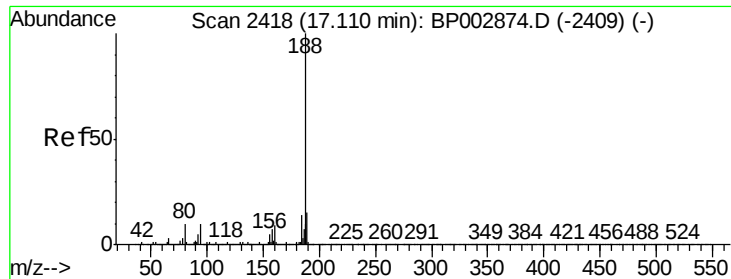
Tot Ion:165 Resp: 3381
Ion Ratio Lower Upper
165 100
63 29.4 29.0 43.4
89 69.3 55.5 83.3
182 9.3 2.2 3.4#



#62
4-Nitroaniline
Concen: 3.775 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

Tgt Ion:138 Resp: 21512
Ion Ratio Lower Upper
138 100
92 56.6 32.2 72.2
108 74.9 50.0 90.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BP002914.D

Acq: 06 Aug 2020 11:52

Instrument :

BNA_P

ClientSampleId :

CRT-025

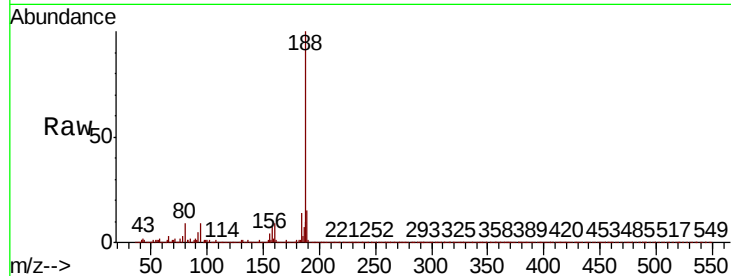
Tot Ion:188 Resp: 1837679

Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.6

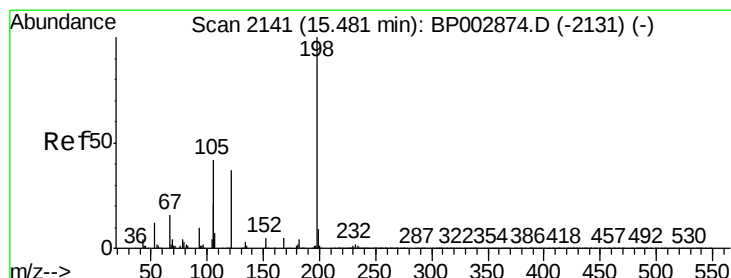
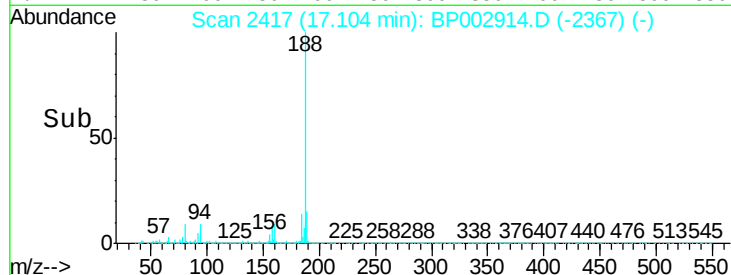
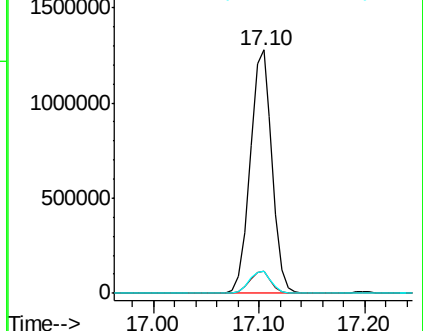
80 9.0 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.916 ng

RT: 15.48 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BP002914.D

Acq: 06 Aug 2020 11:52

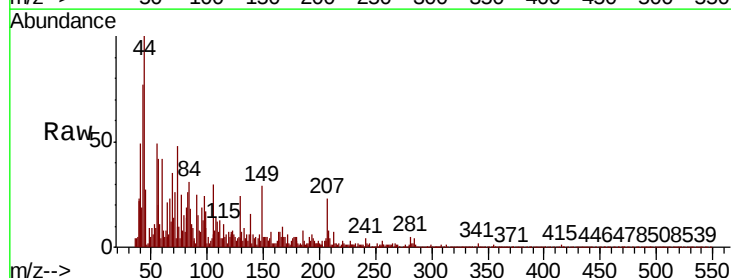
Tgt Ion:198 Resp: 171

Ion Ratio Lower Upper

198 100

51 220.9 11.6 51.6#

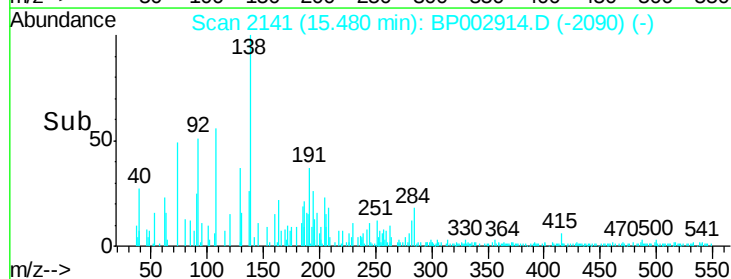
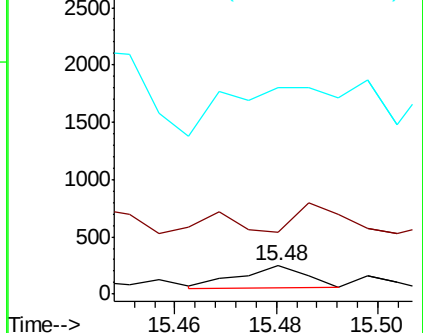
105 740.2 23.8 63.8#

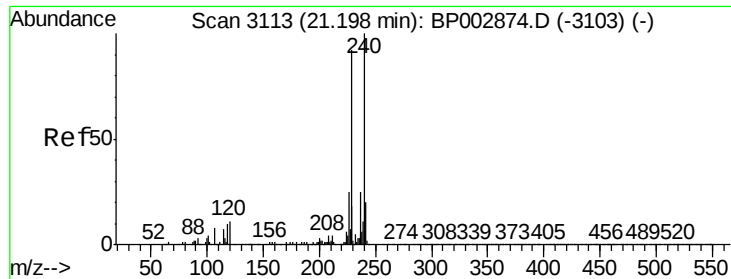


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

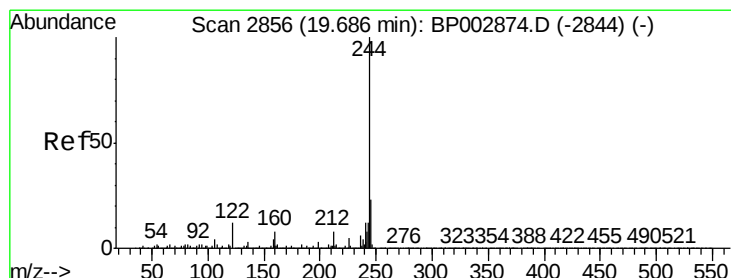
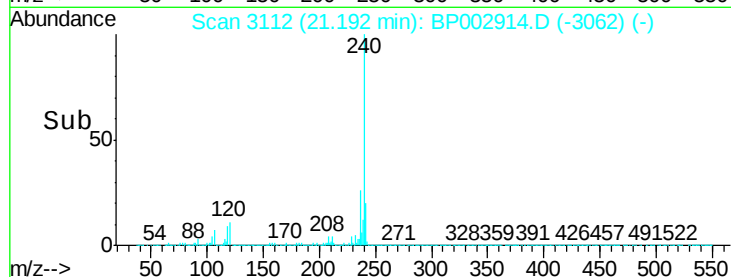
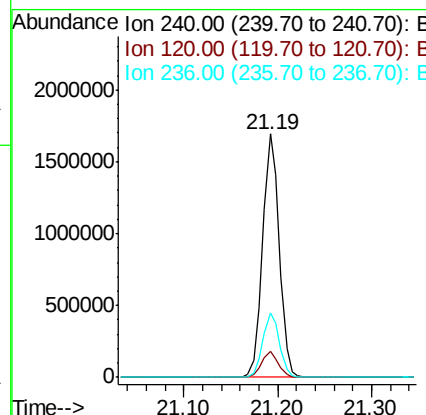
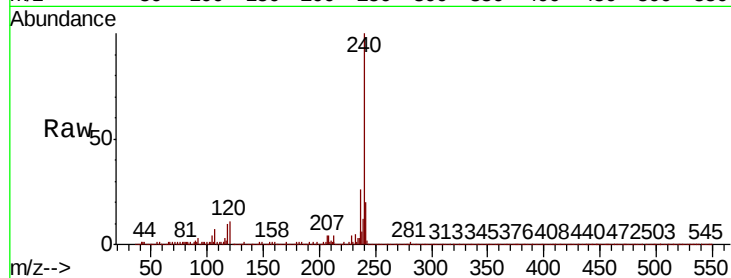




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.19 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BP002914.D
 Acq: 06 Aug 2020 11:52

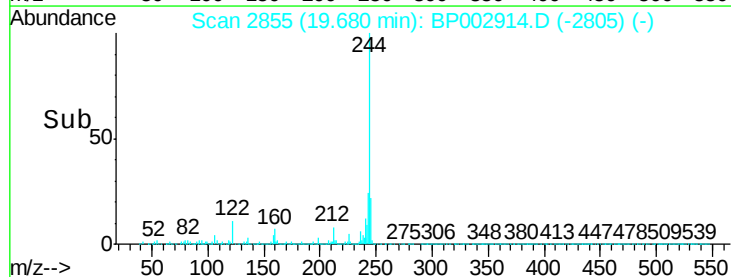
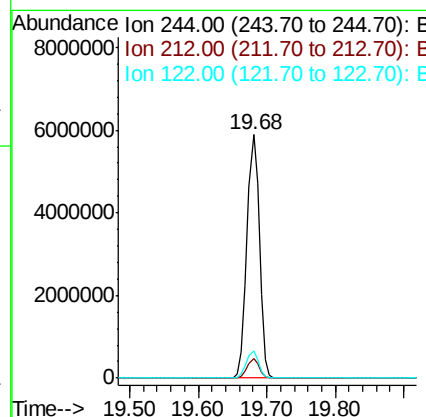
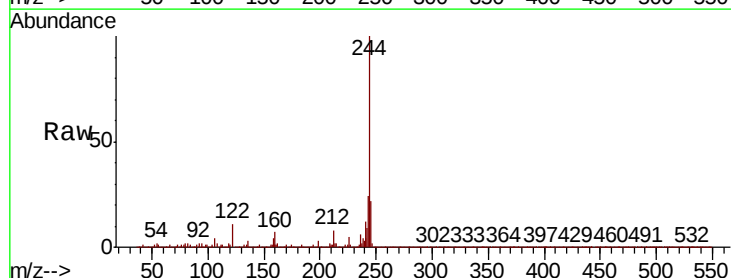
Instrument :
 BNA_P
 ClientSampleId :
 CRT-025

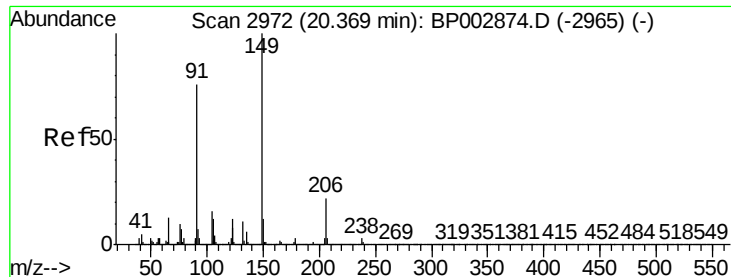
Tot Ion:240 Resp: 2069587
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.9 13.3
 236 26.3 20.3 30.5



#79
 Terphenyl-d14
 Concen: 71.423 ng
 RT: 19.68 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BP002914.D
 Acq: 06 Aug 2020 11:52

Tgt Ion:244 Resp: 7383567
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 11.0 9.4 14.2

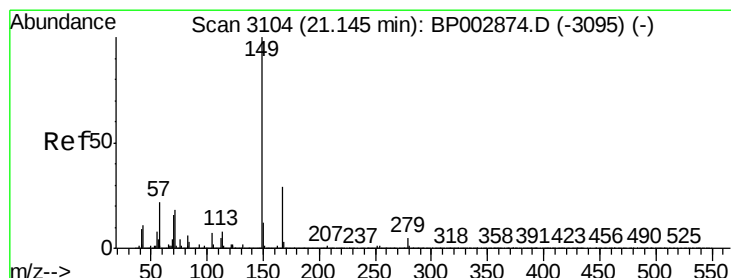
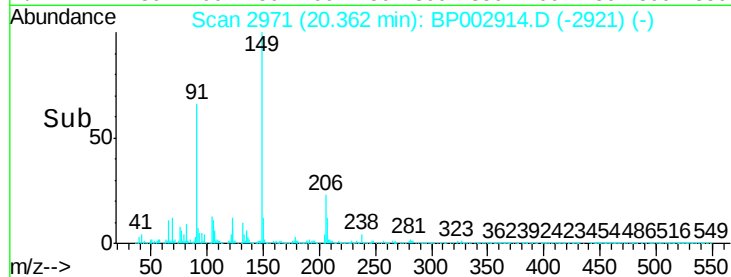
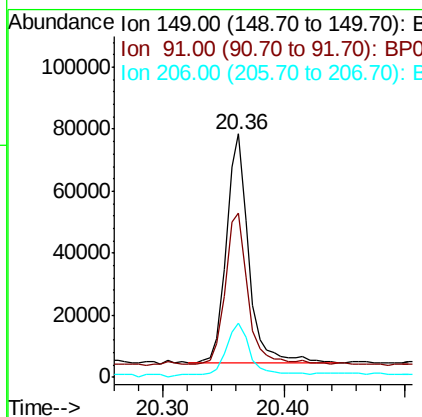
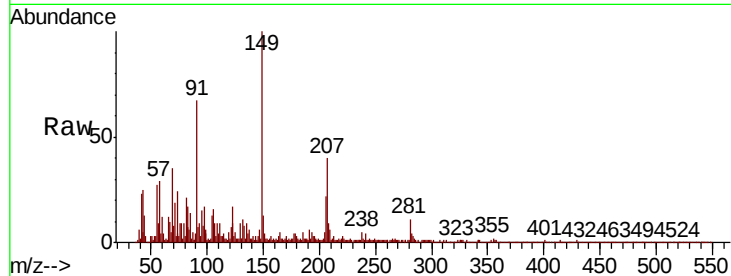




#80
Butylbenzylphthalate
Concen: 4.555 ng
RT: 20.36 min Scan# 2971
Delta R.T. -0.01 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

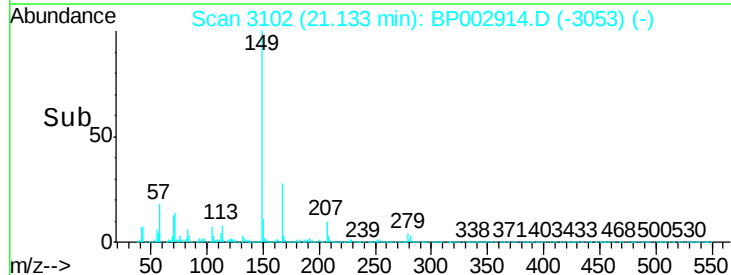
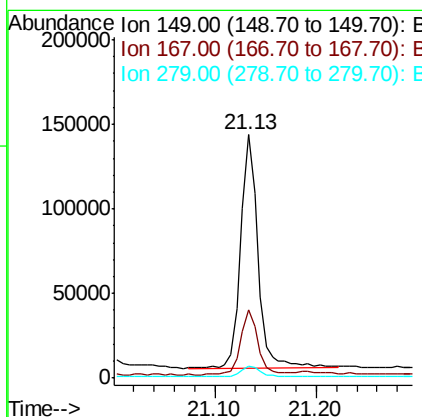
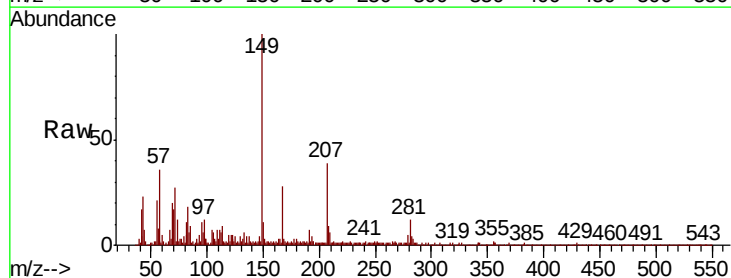
Instrument :
BNA_P
ClientSampleId :
CRT-025

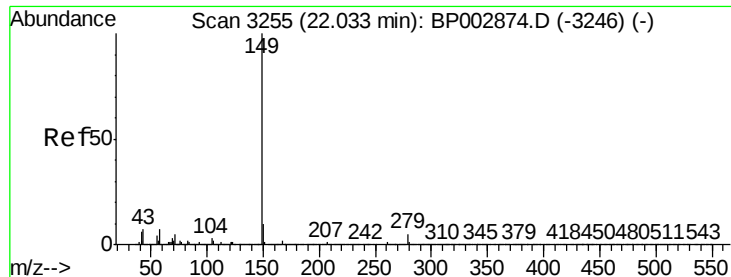
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.5	60.5	90.7
206	22.4	17.5	26.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.065 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.4	35.2
279	4.9	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 2.110 ng

RT: 22.02 min Scan# 3252

Delta R.T. -0.02 min

Lab File: BP002914.D

Acq: 06 Aug 2020 11:52

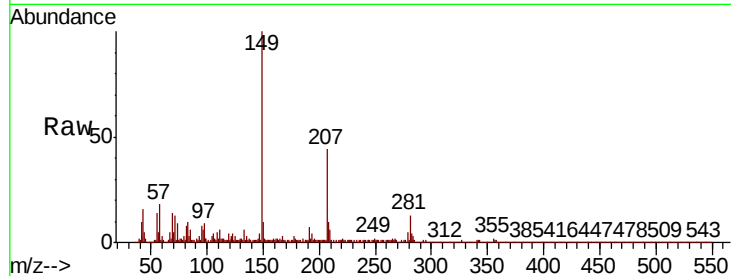
Instrument :

BNA_P

ClientSampleId :

CRT-025

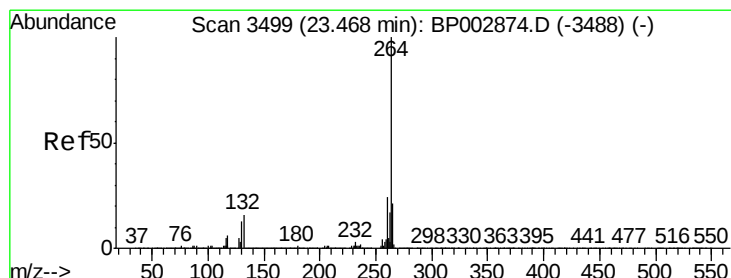
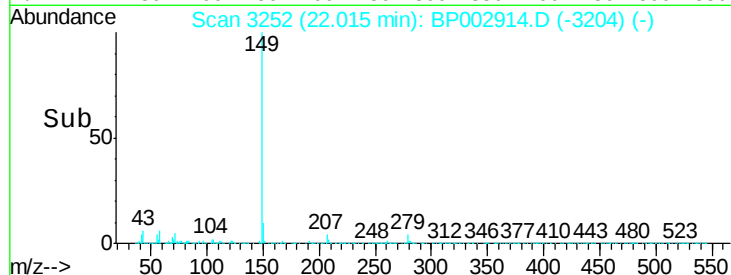
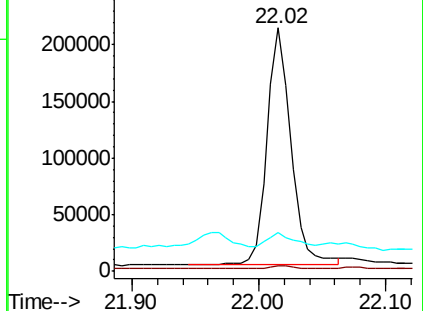
Tot Ion:149	Resp:	277577
Ion Ratio	Lower	Upper
149	100	
167	1.5	1.3 1.9
43	0.0	5.8 8.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

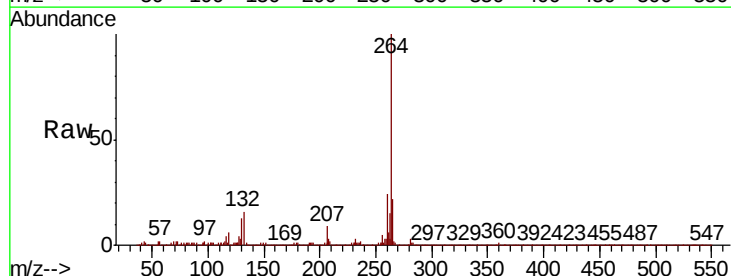
RT: 23.46 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BP002914.D

Acq: 06 Aug 2020 11:52

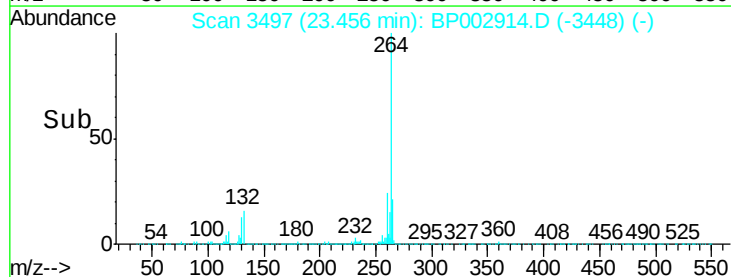
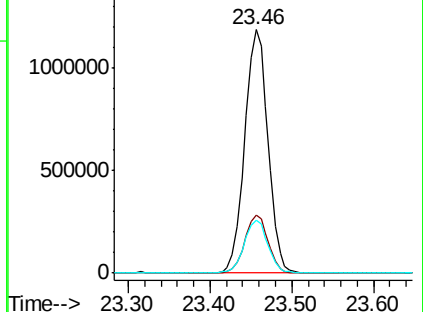
Tgt Ion:264	Resp:	2339148
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.0 28.6
265	21.6	17.0 25.4

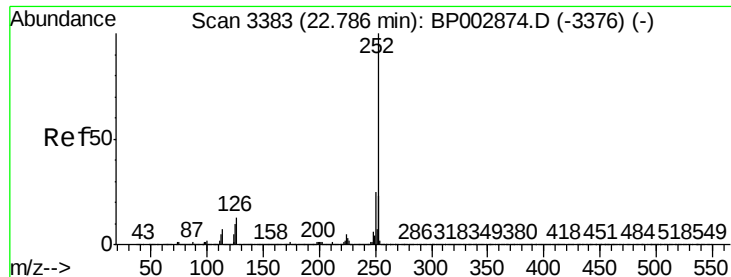


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

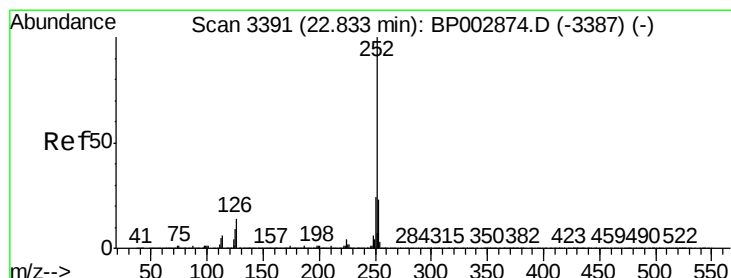
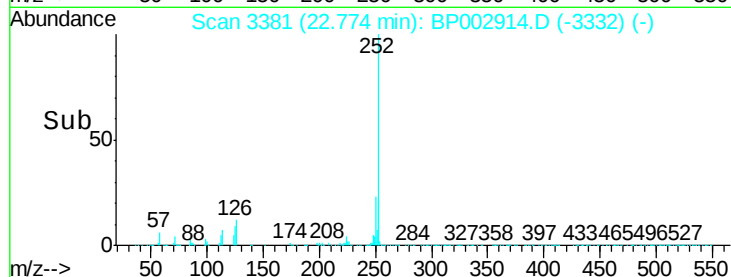
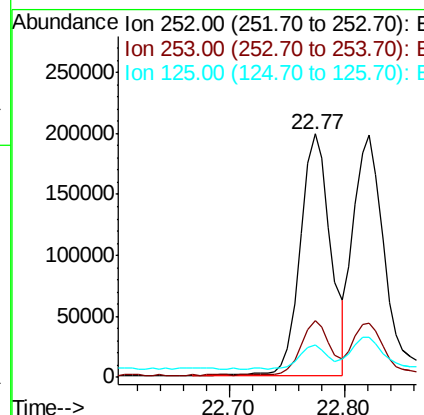
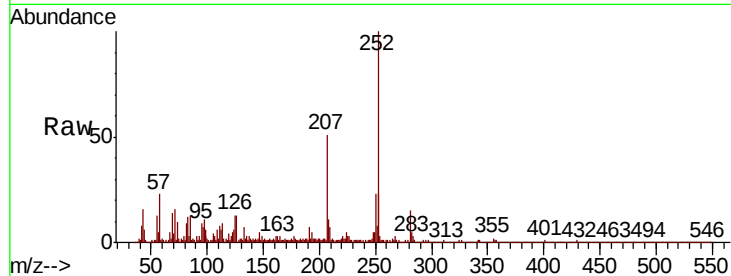




#88
Benzo(b)fluoranthene
Concen: 2.198 ng
RT: 22.77 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

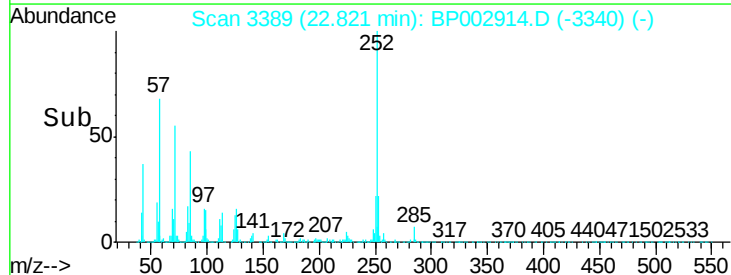
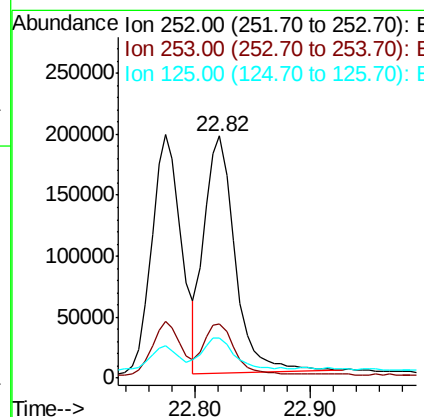
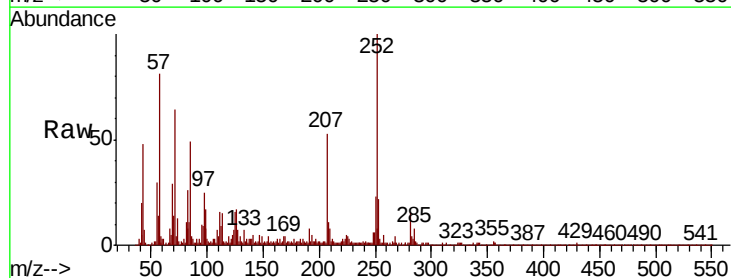
Instrument :
BNA_P
ClientSampled :
CRT-025

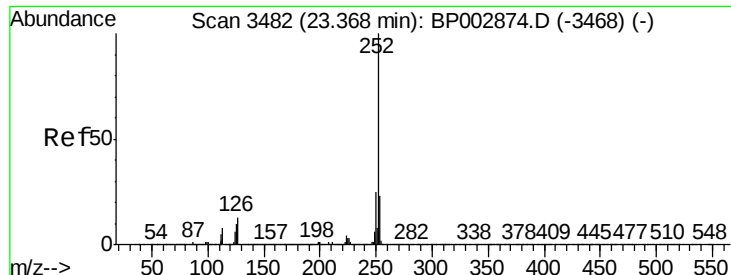
Tot Ion:252 Resp: 362839
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 13.1 7.8 11.8#



#89
Benzo(k)fluoranthene
Concen: 2.324 ng
RT: 22.82 min Scan# 3389
Delta R.T. -0.01 min
Lab File: BP002914.D
Acq: 06 Aug 2020 11:52

Tgt Ion:252 Resp: 362588
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 16.3 7.5 11.3#





#90

Benzo(a)pyrene

Concen: 2.106 ng

RT: 23.36 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BP002914.D

Acq: 06 Aug 2020 11:52

Instrument :

BNA_P

ClientSampleId :

CRT-025

Tot Ion: 252 Resp: 314127

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 14.5 8.3 12.5#

