

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003043.D
 Acq On : 19 Aug 2020 21:12
 Operator : CG/JU
 Sample : L3712-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26572

Quant Time: Aug 20 01:16:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	344305	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1417407	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	849751	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1657584	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1478018	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1625085	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1675406	74.47	ng	0.00
7) Phenol-d6	6.86	99	2034468	65.14	ng	0.00
23) Nitrobenzene-d5	8.82	82	1173285	44.83	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	896620	84.90	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	3304747	53.14	ng	-0.01
79) Terphenyl-d14	19.65	244	3915447	53.03	ng	0.00

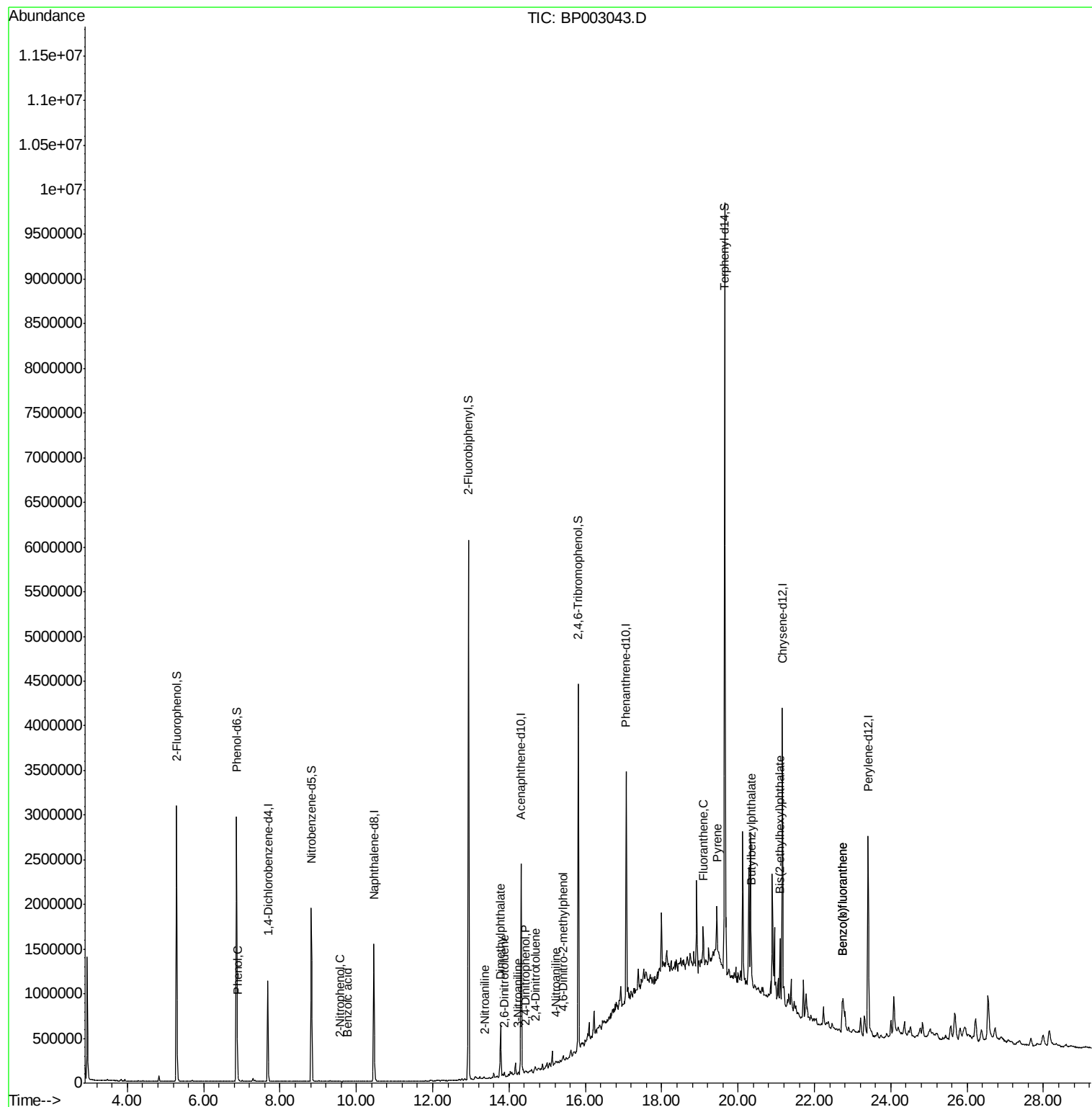
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.89	94	68280	2.171	ng	91
26) 2-Nitrophenol	9.57	139	42	4.524	ng	# 1
32) Benzoic acid	9.77	122	135	7.695	ng	90
48) 2-Nitroaniline	13.37	65	121	3.980	ng	# 46
50) Dimethylphthalate	13.77	163	420894	6.333	ng	99
51) 2,6-Dinitrotoluene	13.87	165	4360	3.173	ng	# 47
53) 3-Nitroaniline	14.24	138	1724	3.376	ng	# 28
54) 2,4-Dinitrophenol	14.43	184	80	8.069	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	7156	4.139	ng	# 50
62) 4-Nitroaniline	15.22	138	4595	2.699	ng	86
65) 4,6-Dinitro-2-methylphenol	15.43	198	833	6.983	ng	# 1
75) Fluoranthene	19.09	202	249833	2.231	ng	97
78) Pylene	19.44	202	335980	3.252	ng	97
80) Butylbenzylphthalate	20.34	149	14914	3.391	ng	# 73
84) Bis(2-ethylhexyl)phthalate	21.10	149	235756	4.123	ng	99
88) Benzo(b)fluoranthene	22.73	252	292264	2.549	ng	98
89) Benzo(k)fluoranthene	22.73	252	292264	2.696	ng	98

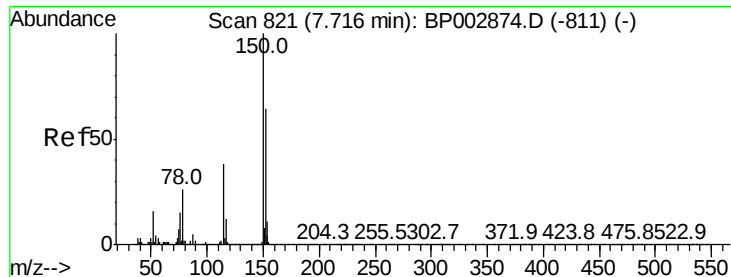
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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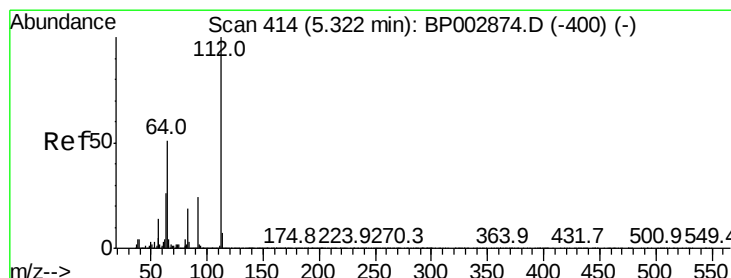
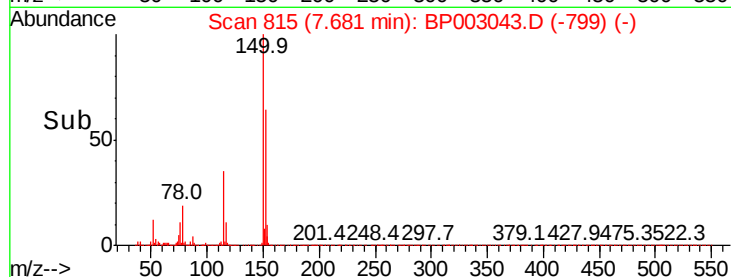
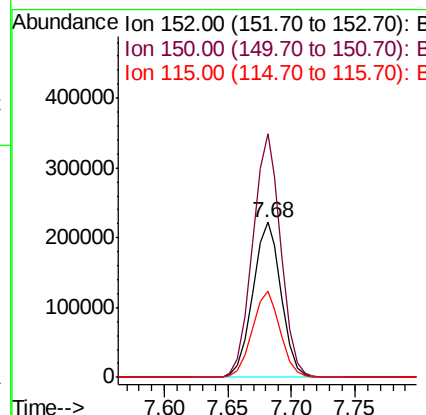
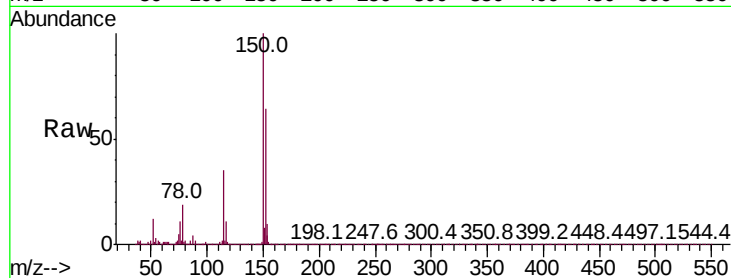


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Instrument :
BNA_P
ClientSampleId :
CHRT-26572

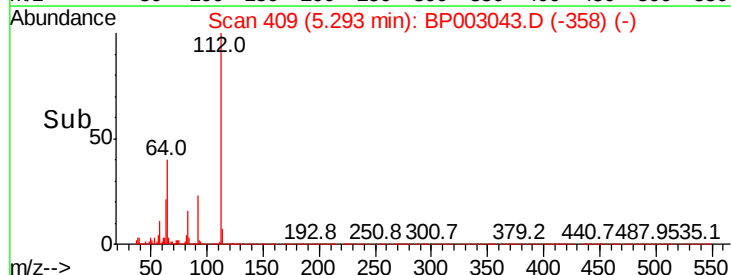
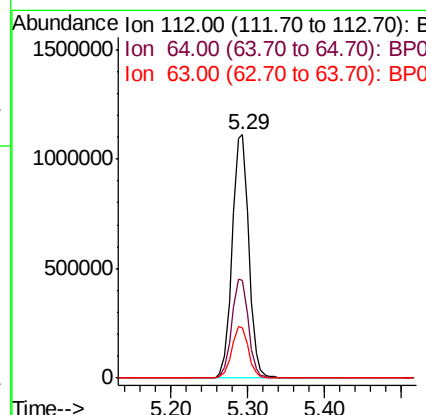
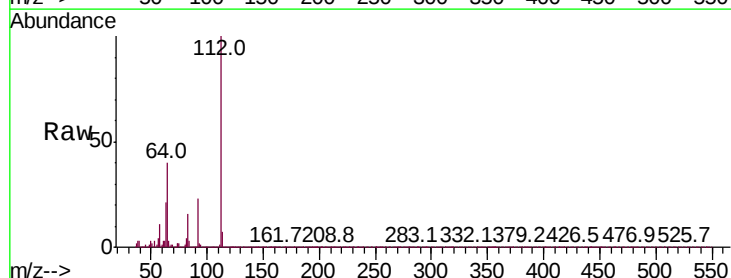
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.1	189.1
115	55.4	43.4	65.2

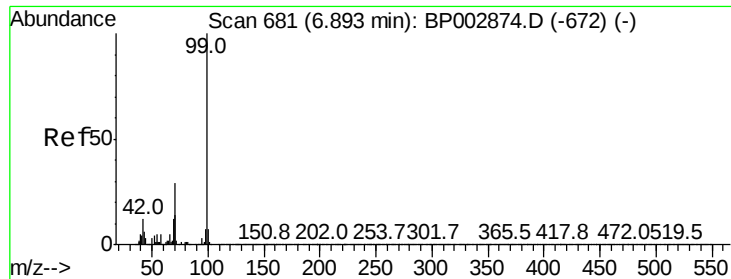


#5

2-Fluorophenol
Concen: 74.475 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.2	33.4	50.2
63	20.7	17.4	26.0





#7

Phenol-d6

Concen: 65.138 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

Instrument :

BNA_P

ClientSampleId :

CHRT-26572

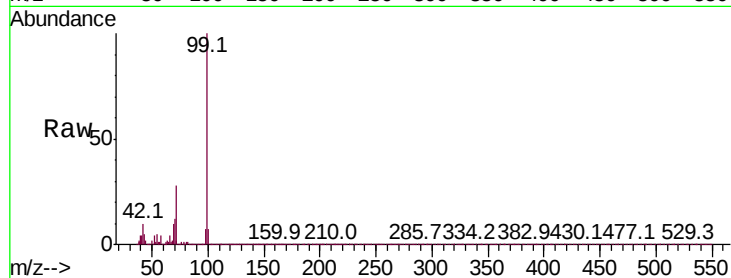
Tot Ion: 99 Resp: 2034468

Ion Ratio Lower Upper

99 100

42 10.3 8.0 12.0

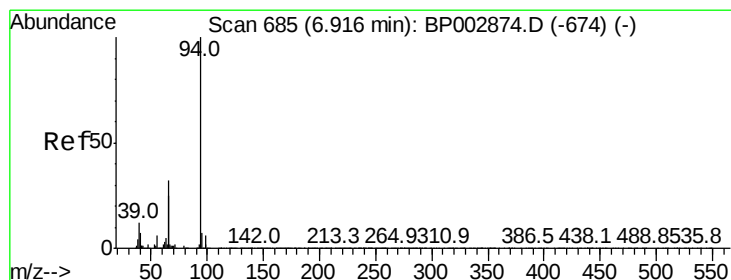
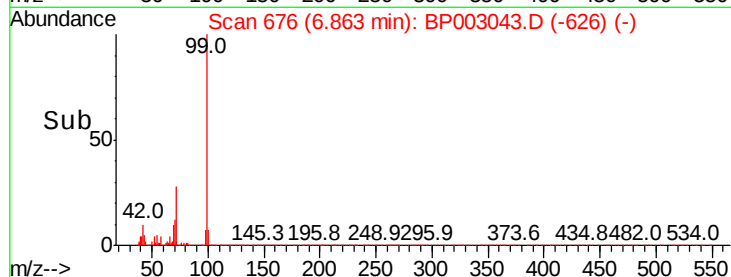
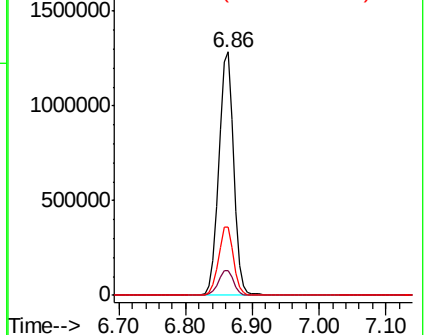
71 28.3 21.3 31.9



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 2.171 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

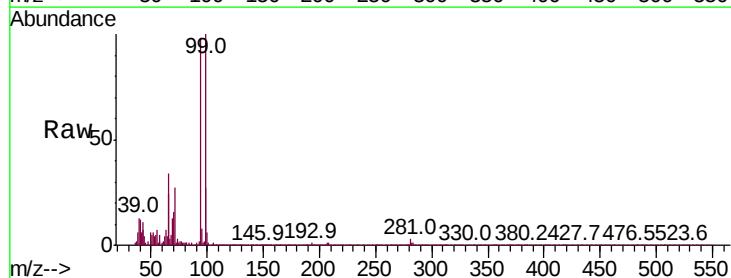
Tgt Ion: 94 Resp: 68280

Ion Ratio Lower Upper

94 100

65 24.4 1.7 41.7

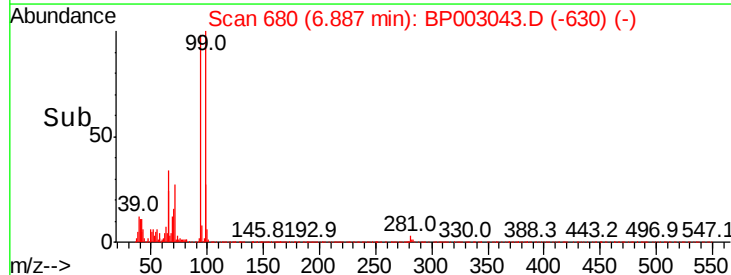
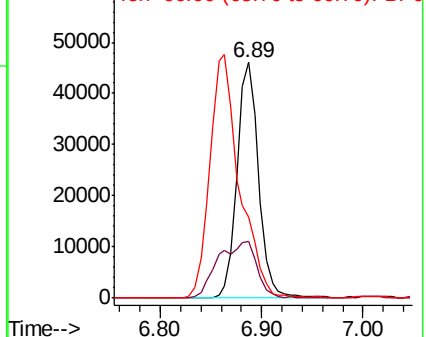
66 34.6 8.6 48.6

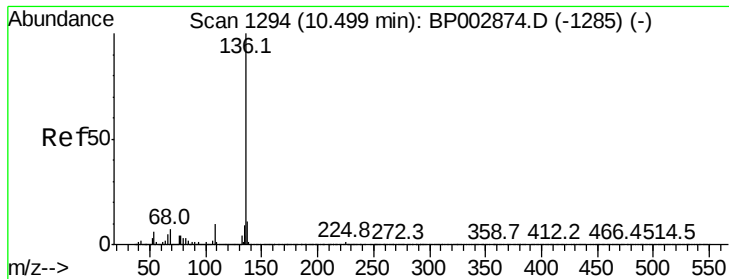


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

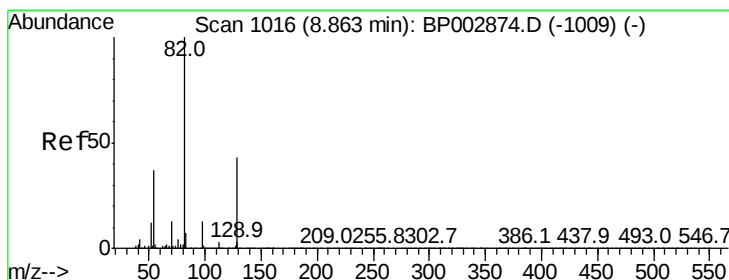
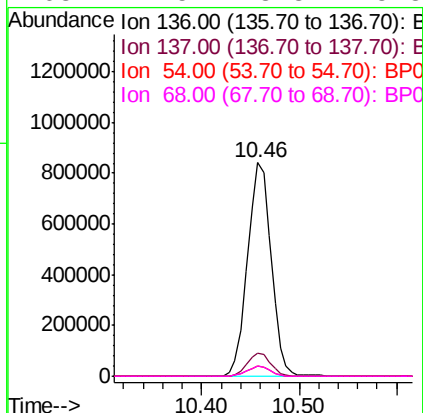
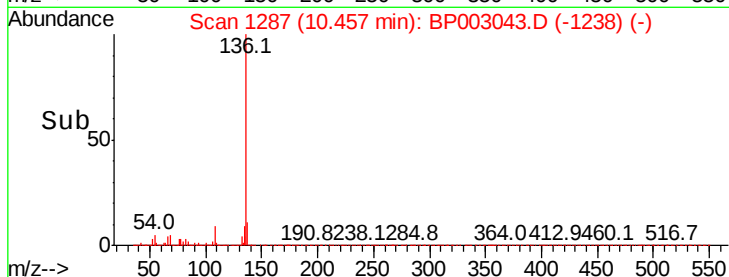
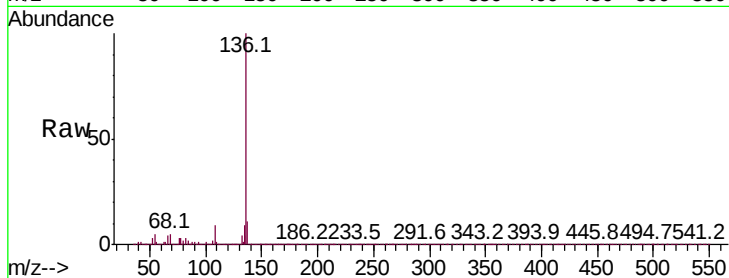




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

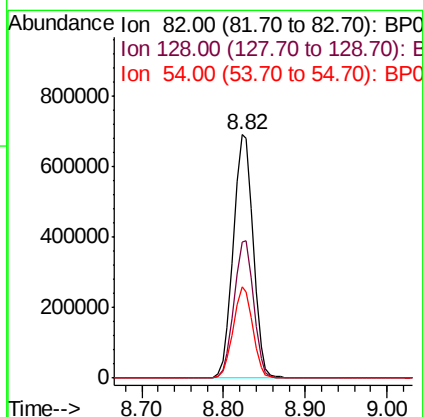
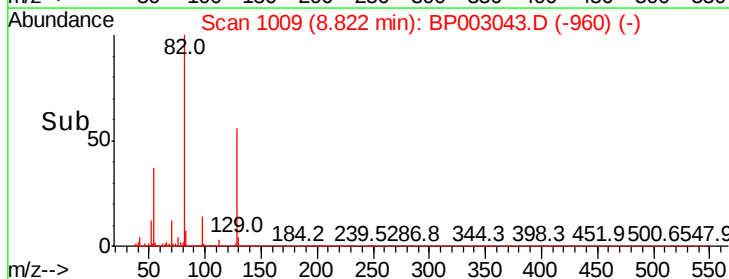
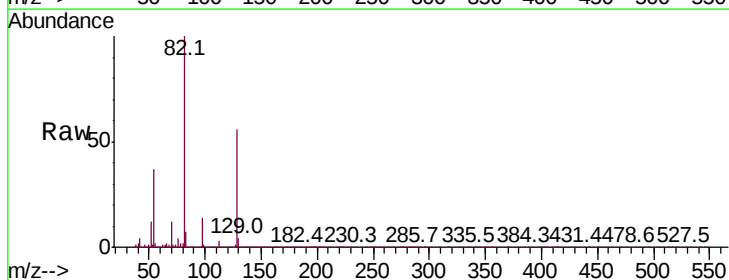
Instrument :
BNA_P
ClientSampleId :
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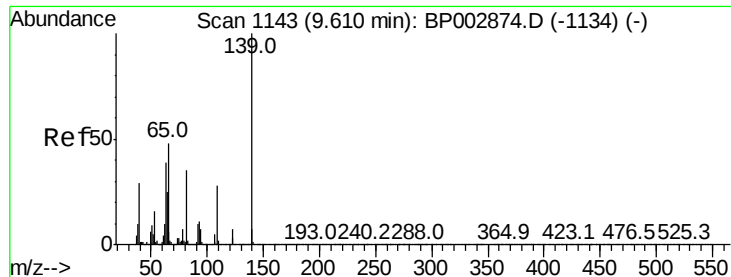
Tot Ion:	136	Resp:	1417407
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.6	3.8	5.8
68	4.5	3.8	5.8



#23
Nitrobenzene-d5
Concen: 44.834 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Tgt Ion:	82	Resp:	1173285
Ion	Ratio	Lower	Upper
82	100		
128	56.2	45.1	67.7
54	37.4	28.8	43.2





#26

2-Nitrophenol

Concen: 4.524 ng

RT: 9.57 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

Instrument :

BNA_P

ClientSampleId :

CHRT-26572

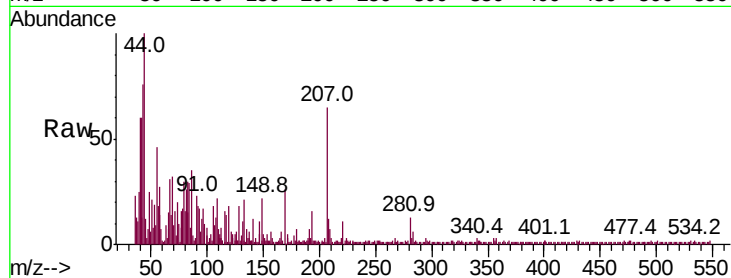
Tot Ion:139 Resp: 42

Ion Ratio Lower Upper

139 100

109 371.7 21.0 31.6#

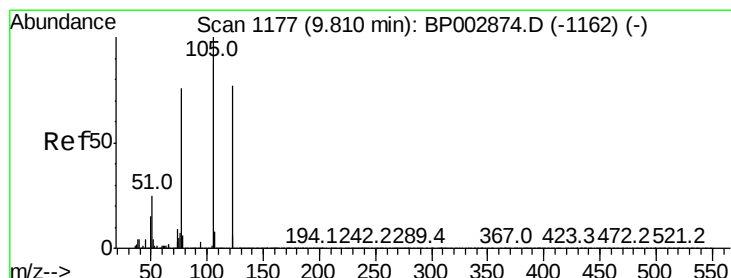
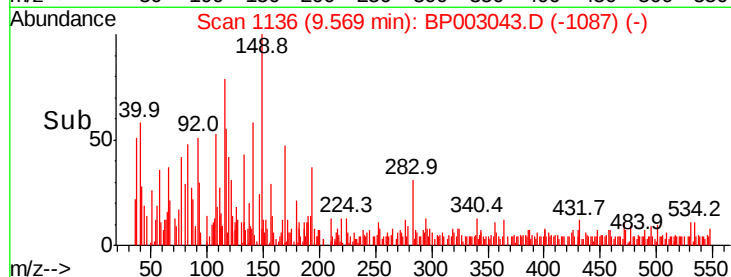
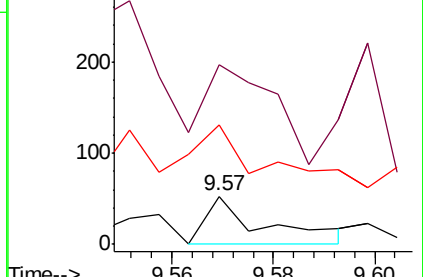
65 247.2 27.2 40.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0



#32

Benzoic acid

Concen: 7.695 ng

RT: 9.77 min Scan# 1170

Delta R.T. -0.04 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

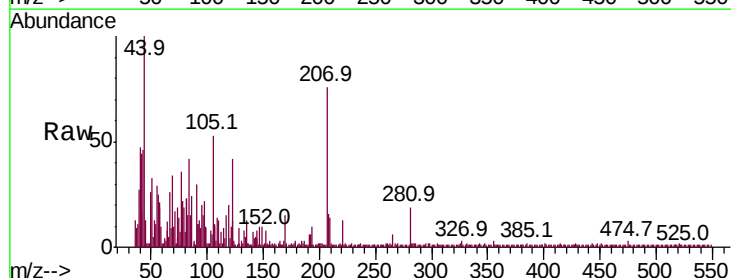
Tgt Ion:122 Resp: 135

Ion Ratio Lower Upper

122 100

105 126.1 96.2 136.2

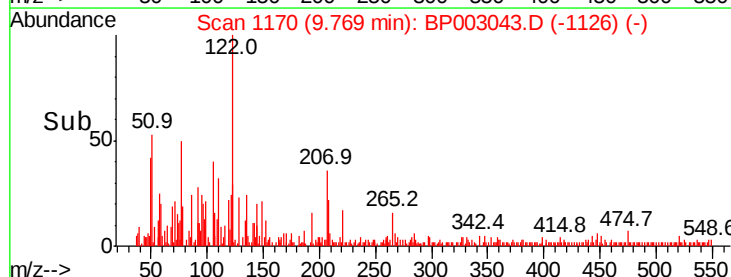
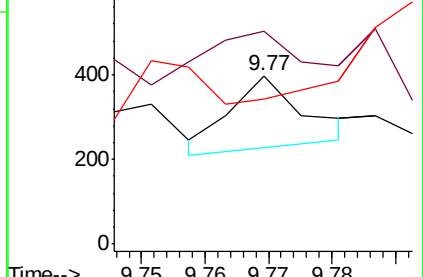
77 86.2 55.6 95.6

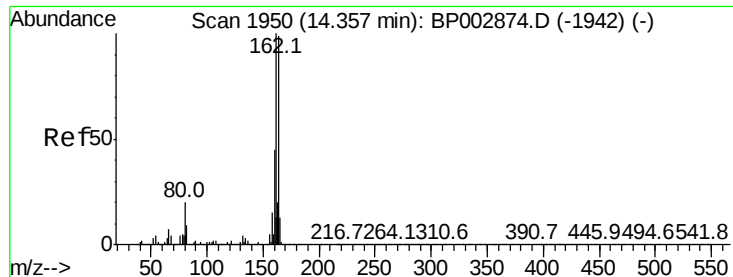


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

Instrument :

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ClientSampleId :

CHRT-26572

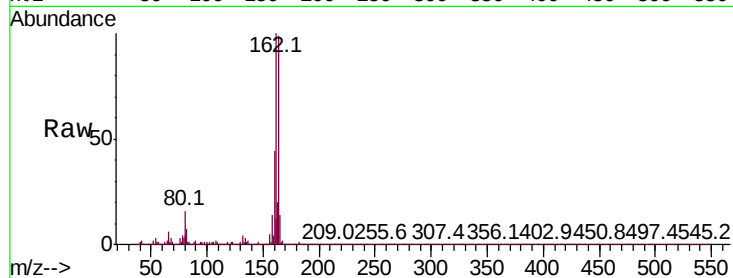
Tot Ion:164 Resp: 849751

Ion Ratio Lower Upper

164 100

162 101.1 81.4 122.0

160 44.7 35.5 53.3

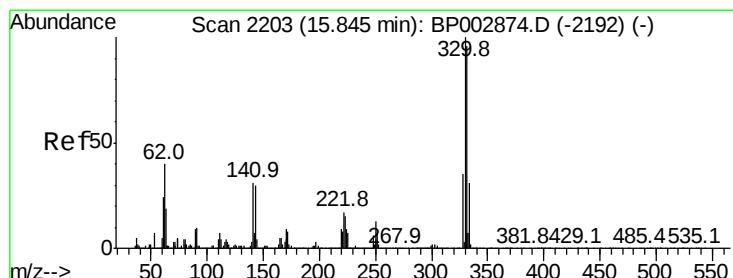
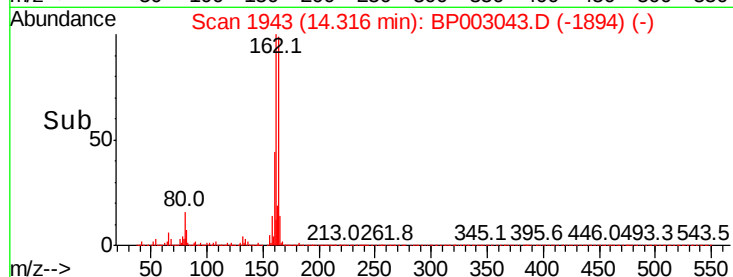
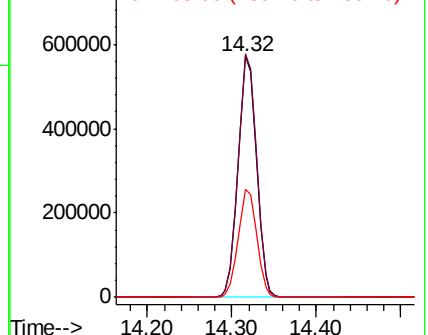


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 84.896 ng

RT: 15.81 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

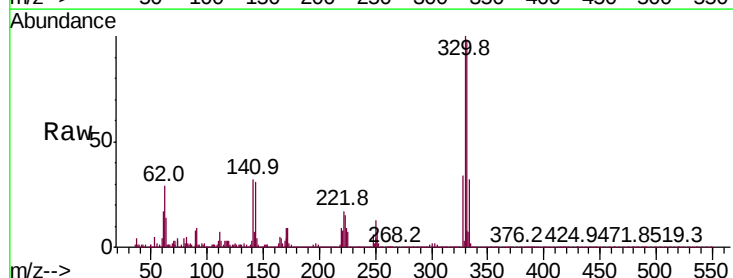
Tgt Ion:330 Resp: 896620

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

141 30.8 26.7 40.1

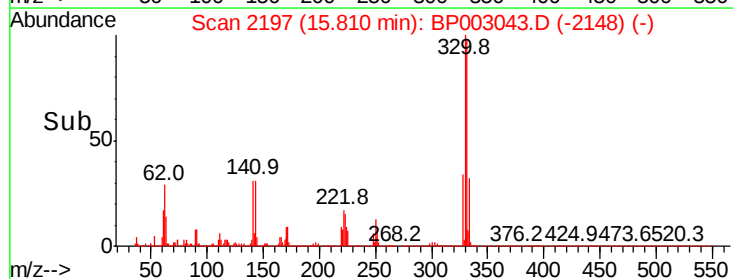
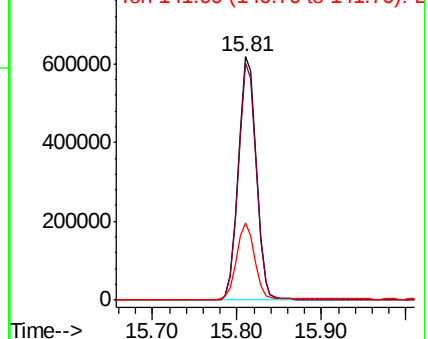


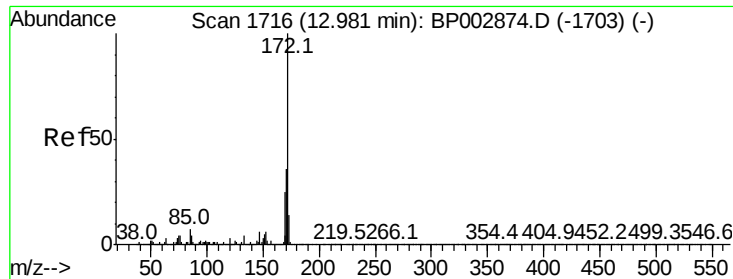
Abundance

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

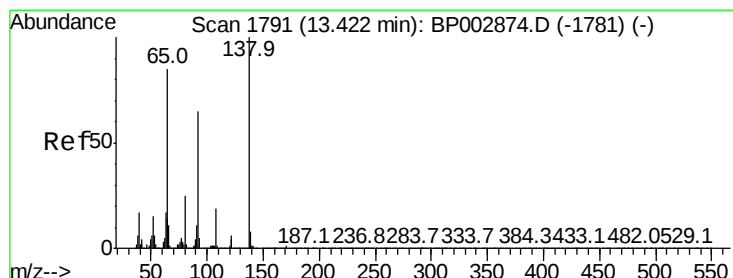
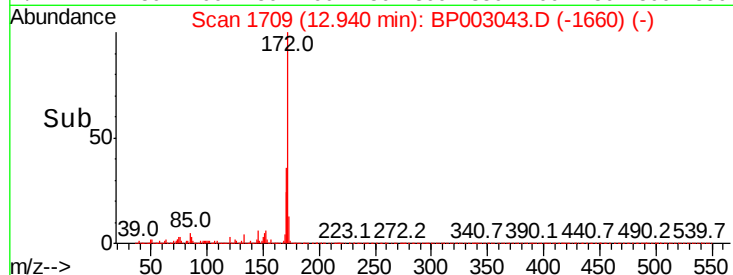
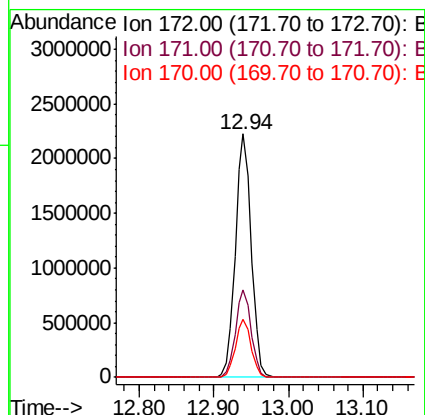
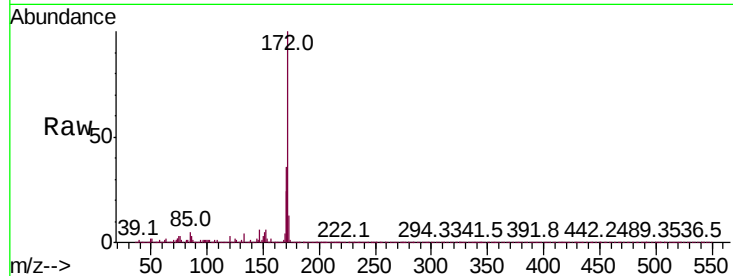




#45
2-Fluorobiphenyl
Concen: 53.136 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

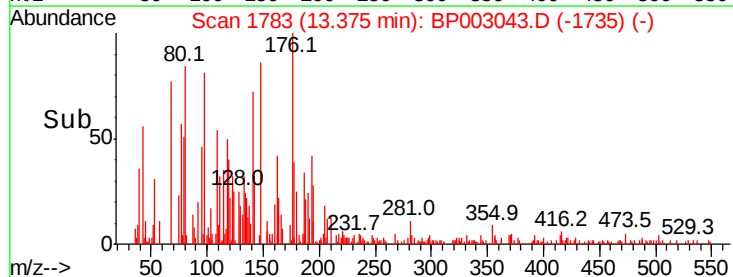
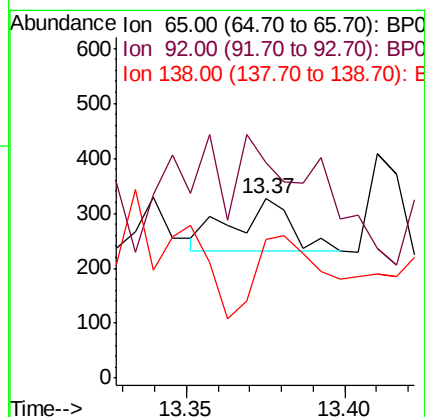
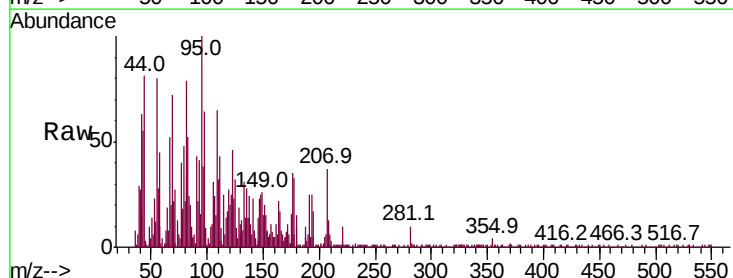
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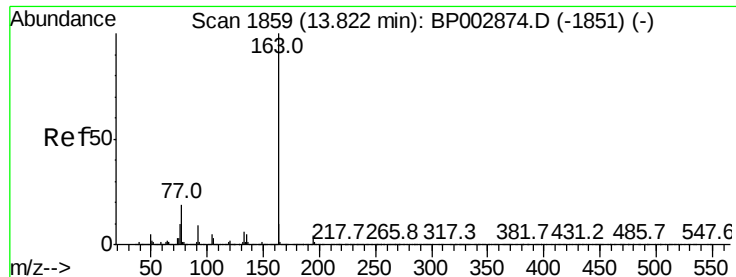
Tot Ion:172 Resp: 3304747
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 23.8 19.1 28.7



#48
2-Nitroaniline
Concen: 3.980 ng
RT: 13.37 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Tgt Ion: 65 Resp: 121
Ion Ratio Lower Upper
65 100
92 120.6 70.1 105.1#
138 77.6 129.7 194.5#





#50

Dimethylphthalate

Concen: 6.333 ng

RT: 13.77 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

Instrument :

BNA_P

ClientSampleId :

CHRT-26572

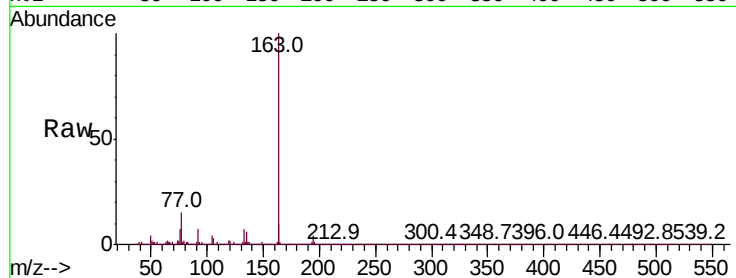
Tot Ion:163 Resp: 420894

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

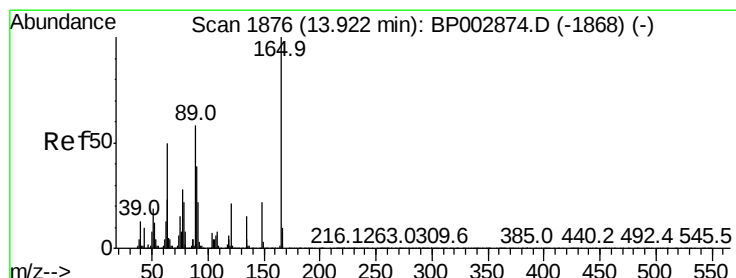
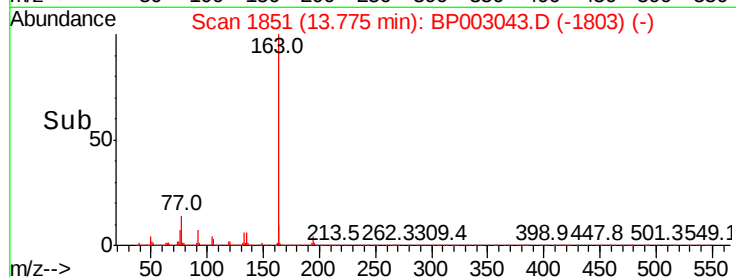
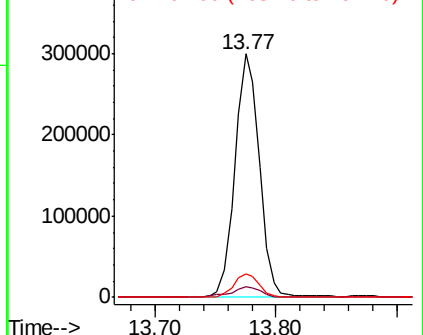
164 9.9 8.1 12.1



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



#51

2,6-Dinitrotoluene

Concen: 3.173 ng

RT: 13.87 min Scan# 1868

Delta R.T. -0.02 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

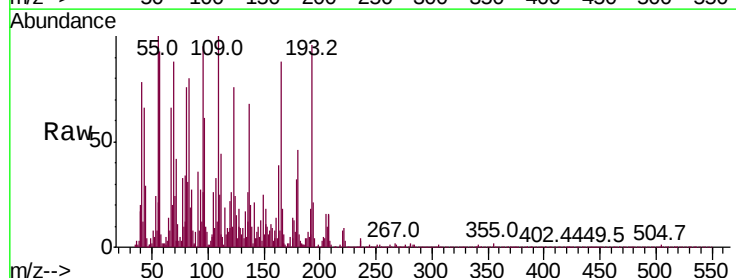
Tgt Ion:165 Resp: 4360

Ion Ratio Lower Upper

165 100

63 5.4 28.1 42.1#

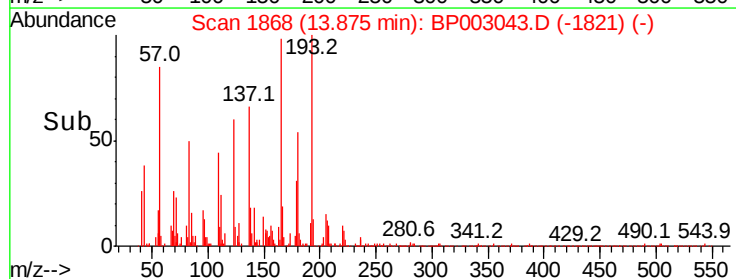
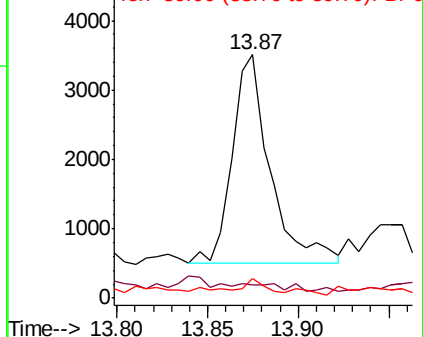
89 8.3 34.5 51.7#

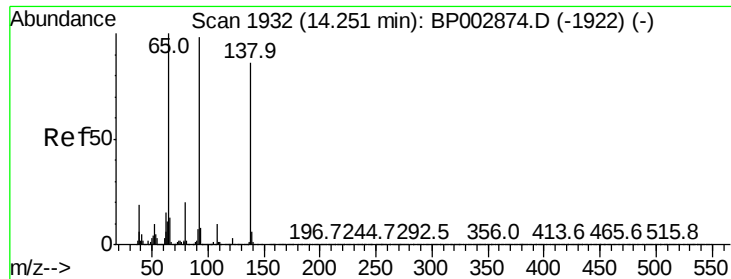


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

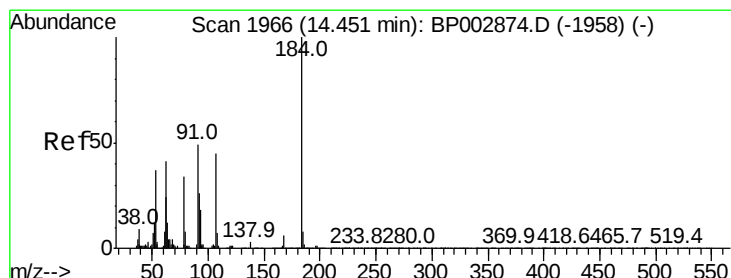
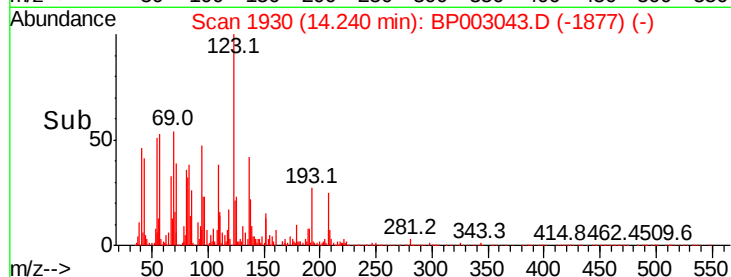
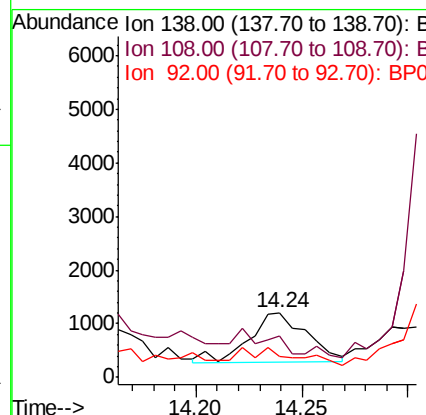
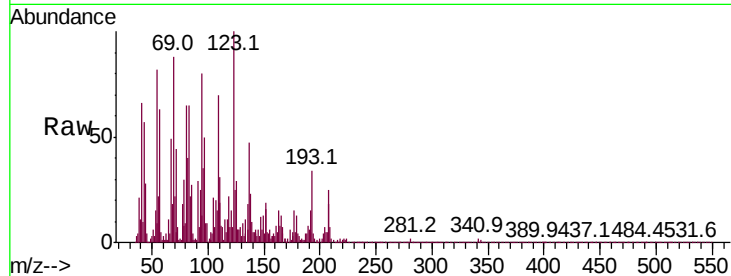




#53
3-Nitroaniline
Concen: 3.376 ng
RT: 14.24 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

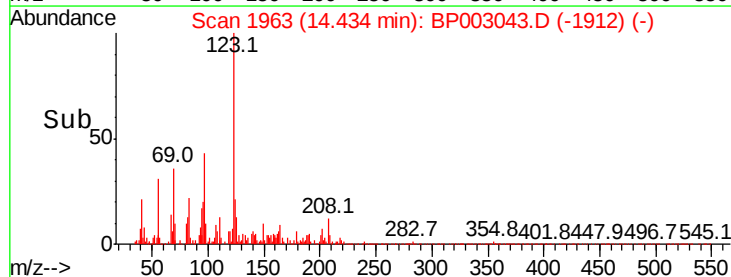
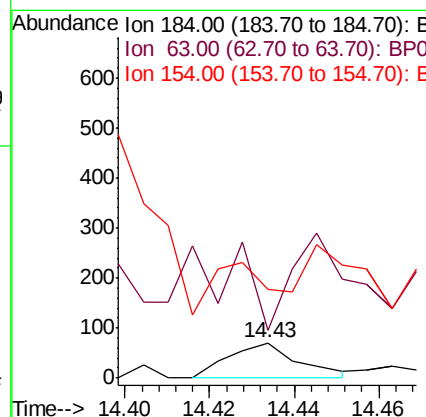
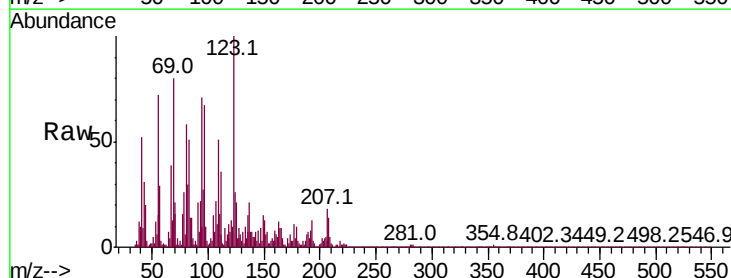
Instrument :
BNA_P
ClientSampleId :
CHRT-26572

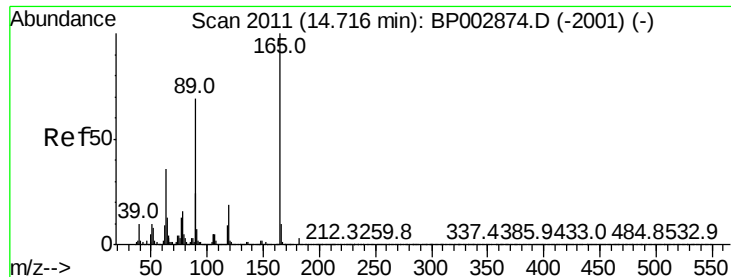
Tot Ion:138 Resp: 1724
Ion Ratio Lower Upper
138 100
108 64.2 7.7 11.5#
92 31.9 75.6 113.4#



#54
2,4-Dinitrophenol
Concen: 8.069 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Tgt Ion:184 Resp: 80
Ion Ratio Lower Upper
184 100
63 134.3 33.0 49.6#
154 252.9 46.8 70.2#





#57

2,4-Dinitrotoluene

Concen: 4.139 ng

RT: 14.69 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

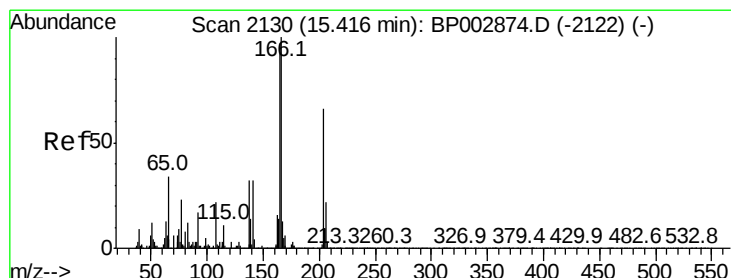
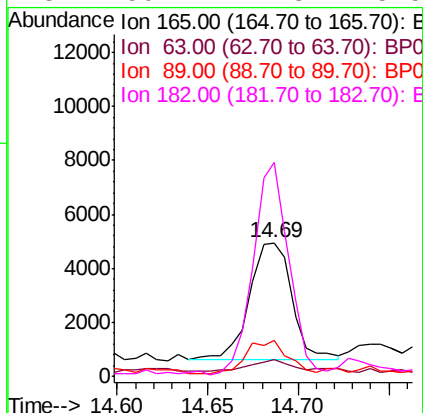
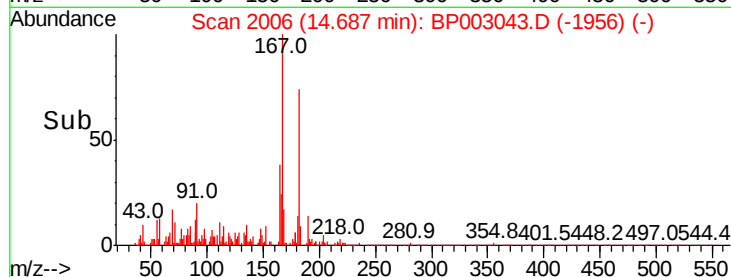
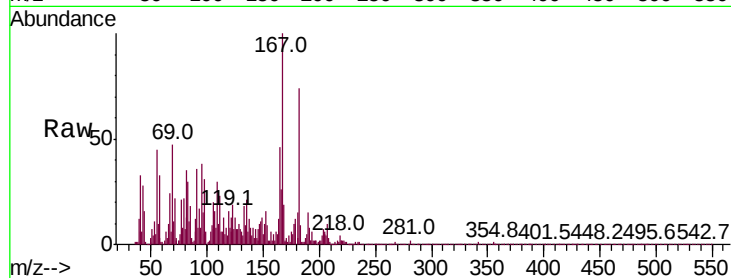
Instrument :

BNA_P

ClientSampleId :

CHRT-26572

Tot Ion:165	Resp:	7156
Ion	Ratio	Lower Upper
165	100	
63	12.2	20.6 31.0#
89	26.6	43.4 65.0#
182	159.7	2.3 3.5#



#62

4-Nitroaniline

Concen: 2.699 ng

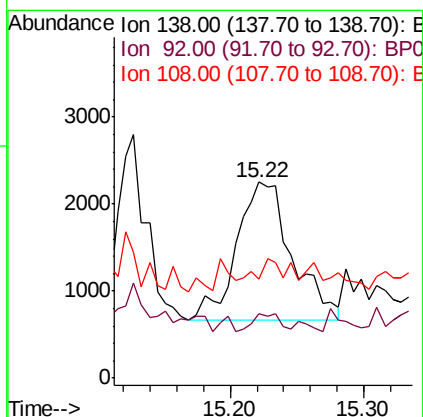
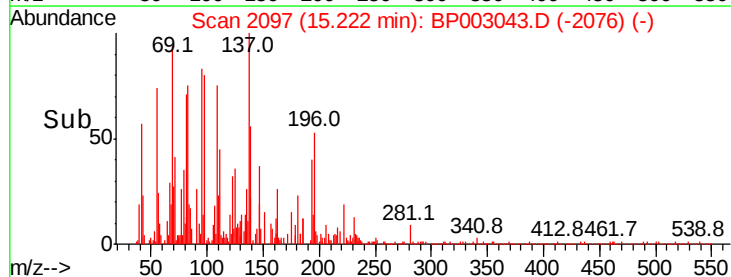
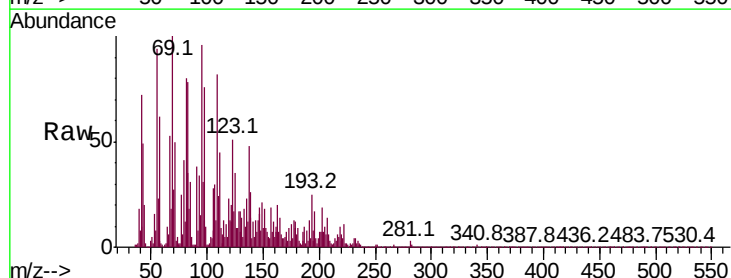
RT: 15.22 min Scan# 2097

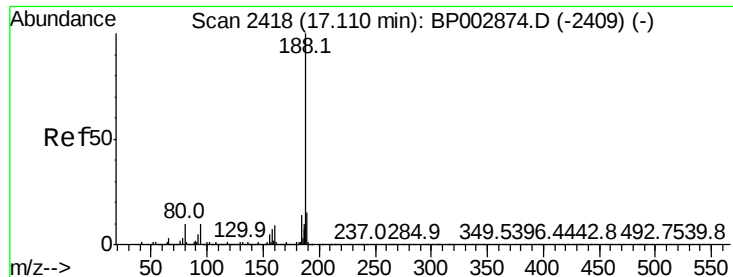
Delta R.T. -0.18 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

Tgt Ion:138	Resp:	4595
Ion	Ratio	Lower Upper
138	100	
92	32.7	21.4 61.4
108	50.3	40.8 80.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

Instrument :

BNA_P

ClientSampleId :

CHRT-26572

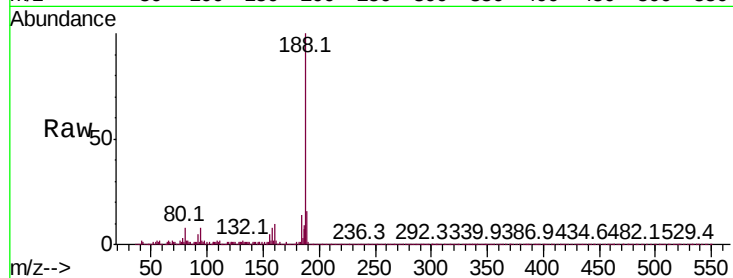
Tot Ion:188 Resp: 1657584

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

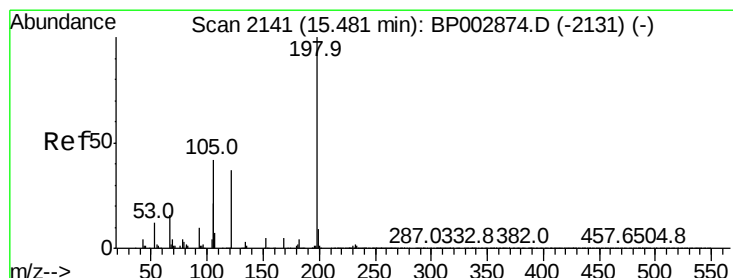
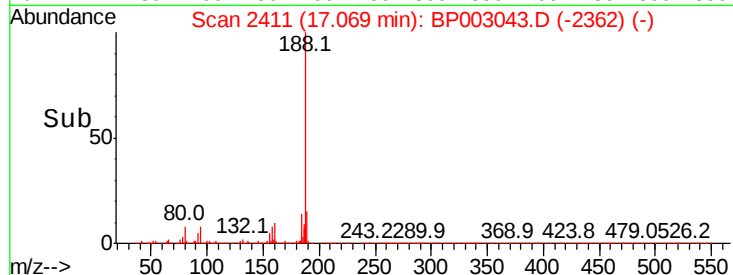
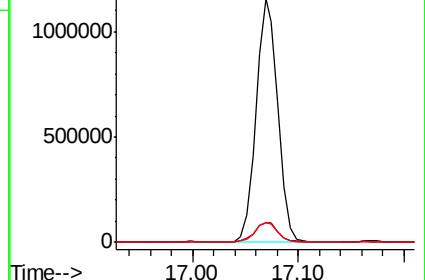
80 8.2 6.7 10.1



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: 6.983 ng

RT: 15.43 min Scan# 2132

Delta R.T. -0.03 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

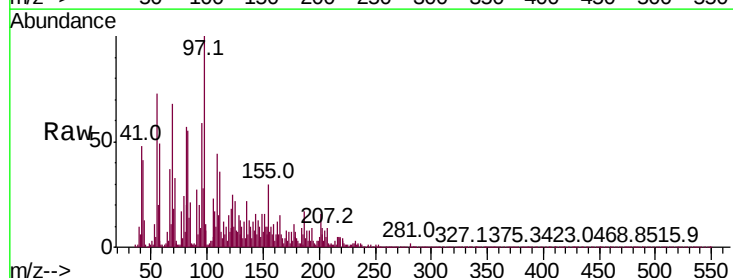
Tgt Ion:198 Resp: 833

Ion Ratio Lower Upper

198 100

51 101.9 6.2 46.2#

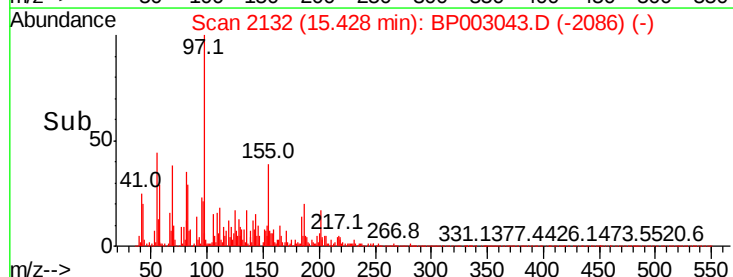
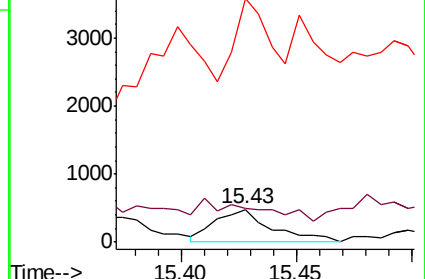
105 744.1 19.9 59.9#

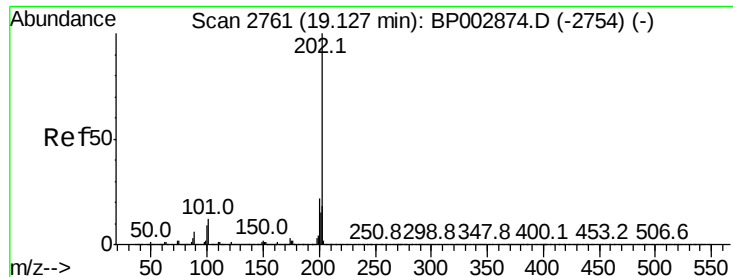


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E





#75

Fluoranthene

Concen: 2.231 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

Instrument :

BNA_P

ClientSampleId :

CHRT-26572

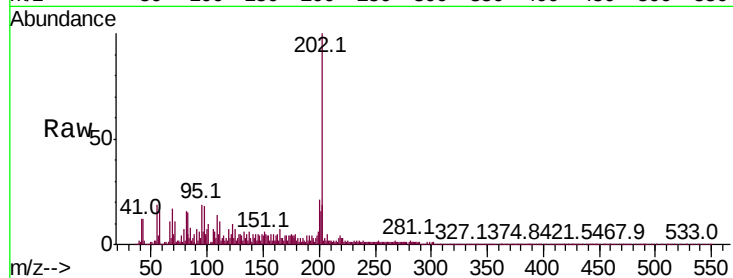
Tot Ion:202 Resp: 249833

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.2

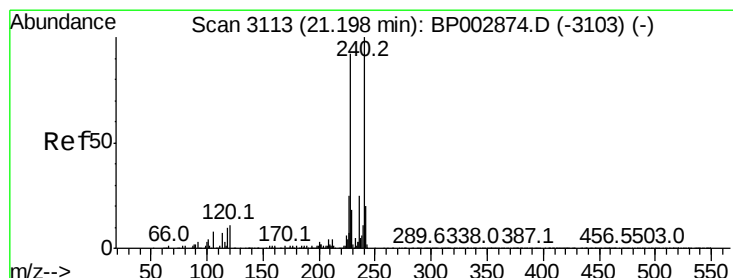
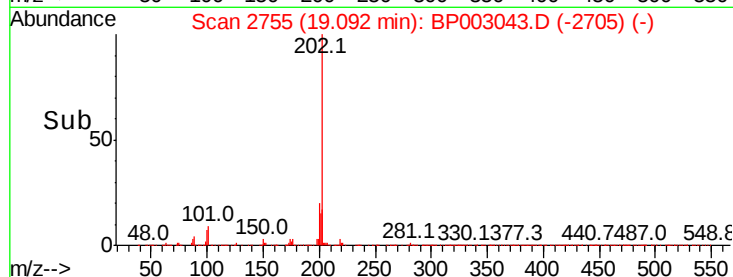
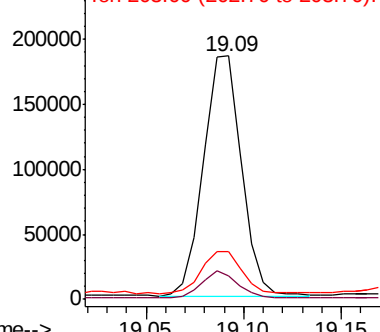
203 19.5 0.0 38.4



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: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

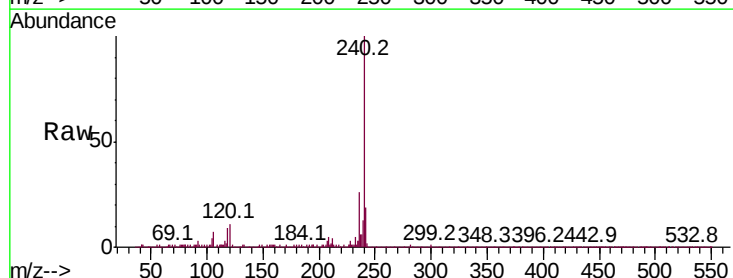
Tgt Ion:240 Resp: 1478018

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

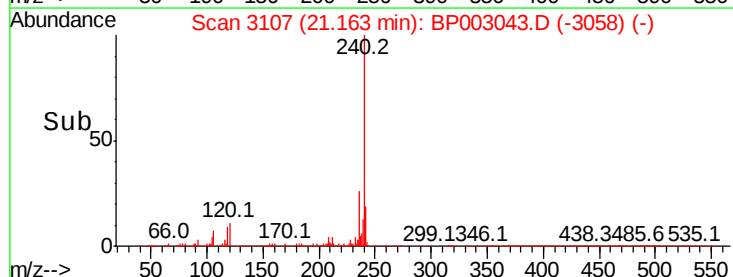
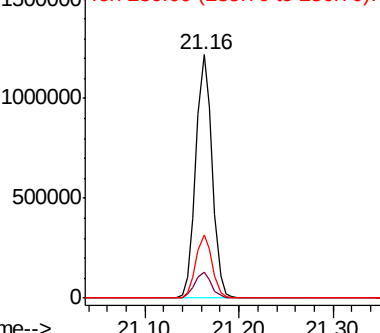
236 26.0 20.8 31.2

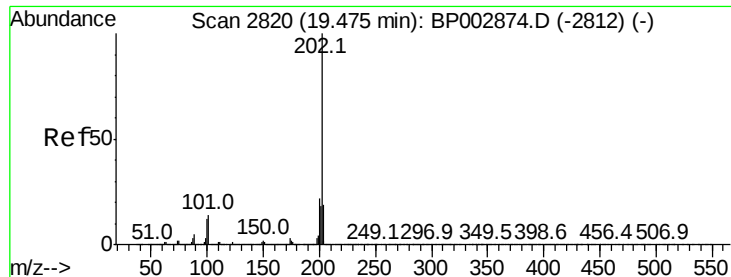


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

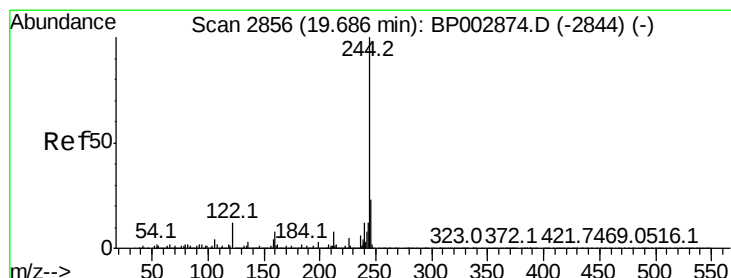
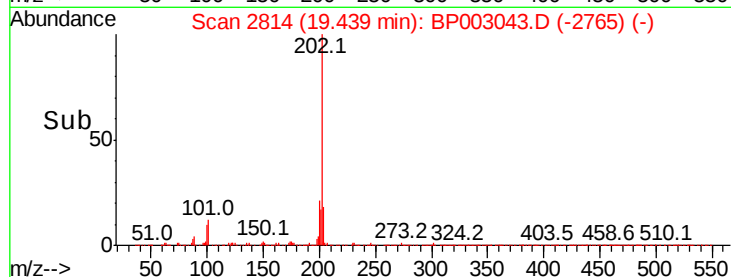
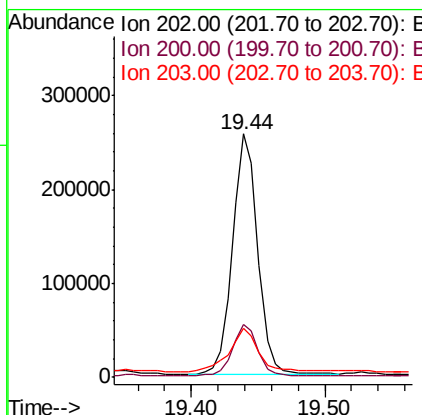
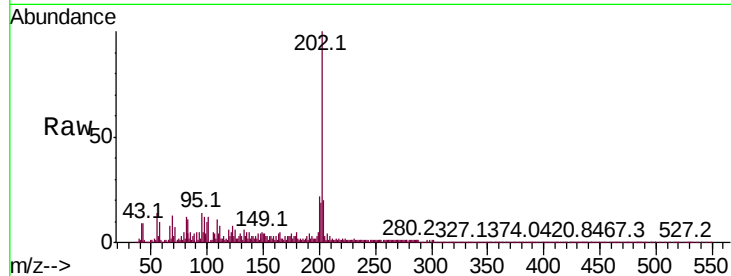




#78
Pvrene
Concen: 3.252 ng
RT: 19.44 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

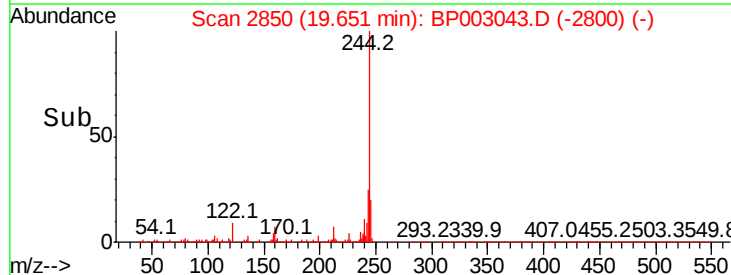
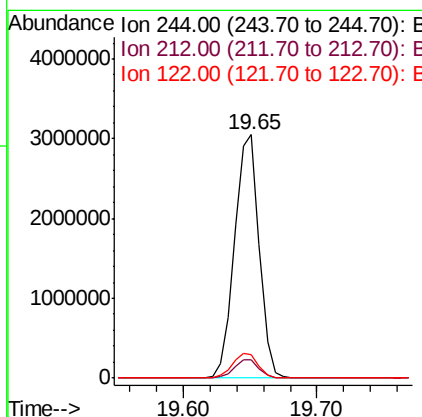
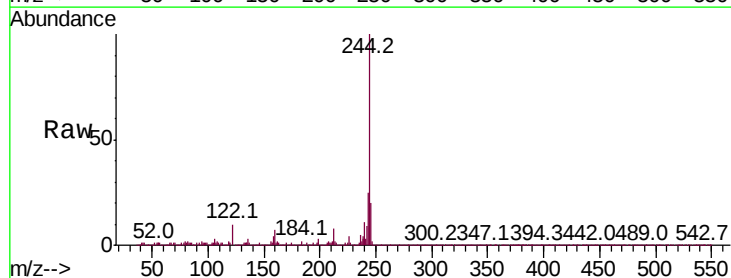
Instrument :
BNA_P
ClientSampleId :
CHRT-26572

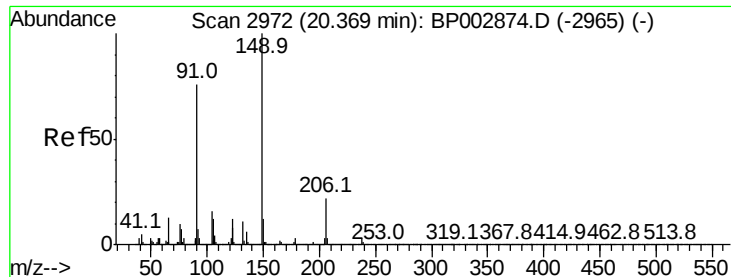
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	20.1	14.6	22.0



#79
Terphenyl-d14
Concen: 53.034 ng
RT: 19.65 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	9.6	8.7	13.1

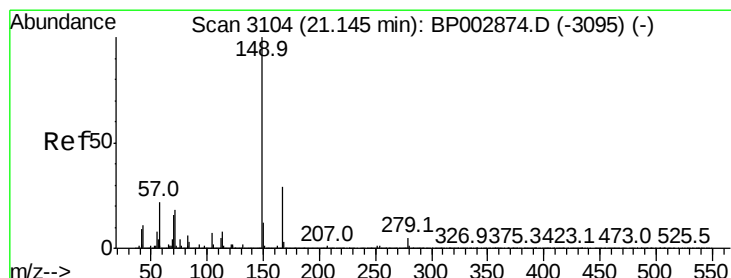
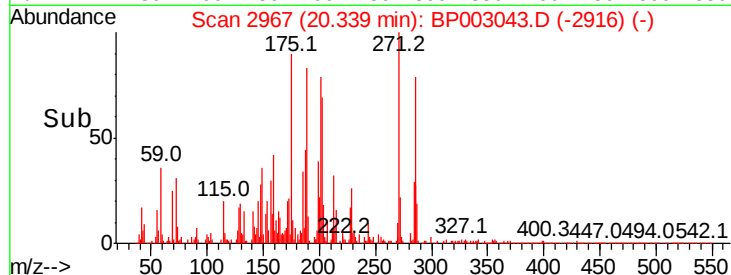
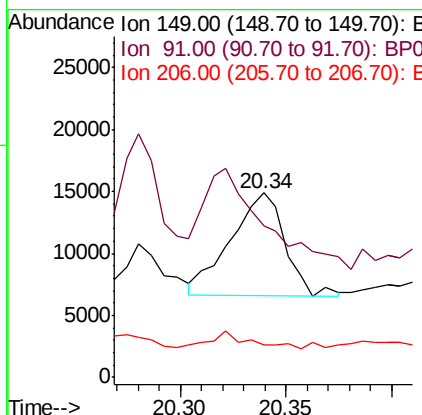
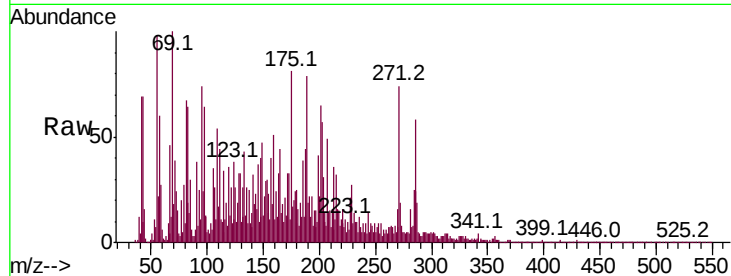




#80
 Butylbenzylphthalate
 Concen: 3.391 ng
 RT: 20.34 min Scan# 2967
 Delta R.T. -0.00 min
 Lab File: BP003043.D
 Acq: 19 Aug 2020 21:12

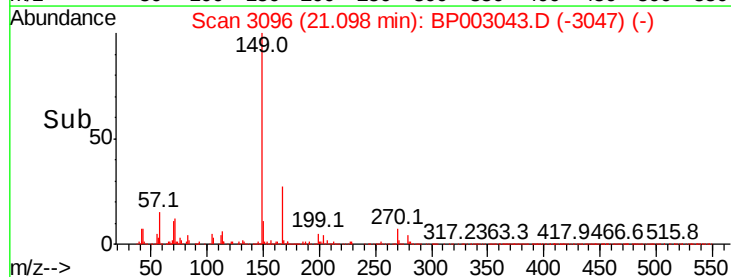
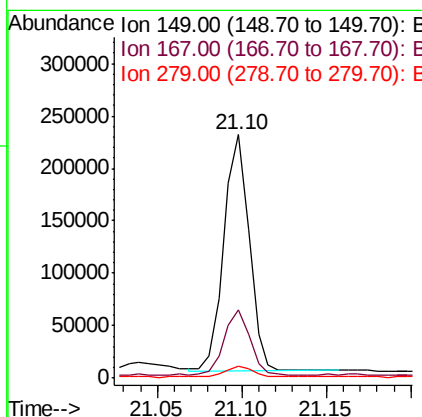
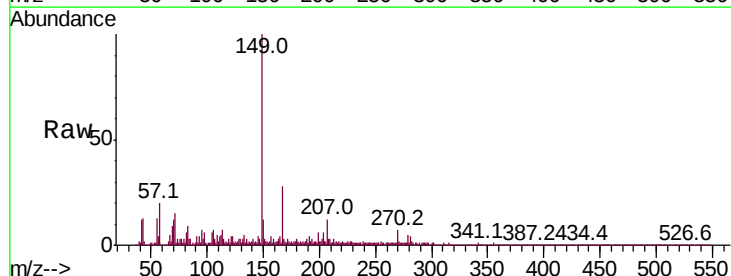
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26572

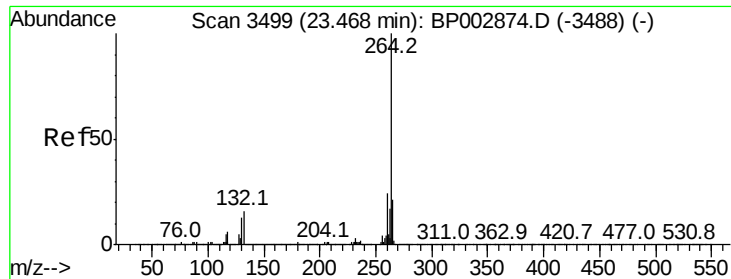
Tot Ion:149 Resp: 14914
 Ion Ratio Lower Upper
 149 100
 91 82.0 45.3 67.9#
 206 17.8 17.5 26.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.123 ng
 RT: 21.10 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BP003043.D
 Acq: 19 Aug 2020 21:12

Tgt Ion:149 Resp: 235756
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.9 34.3
 279 4.6 3.8 5.8



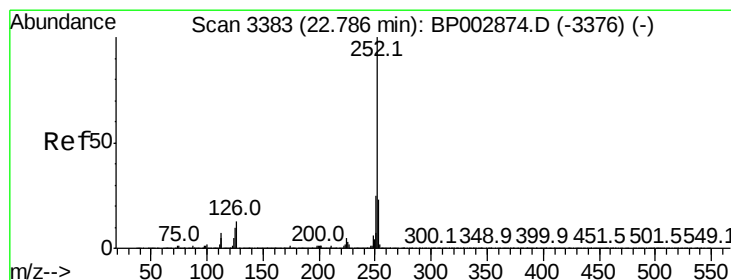
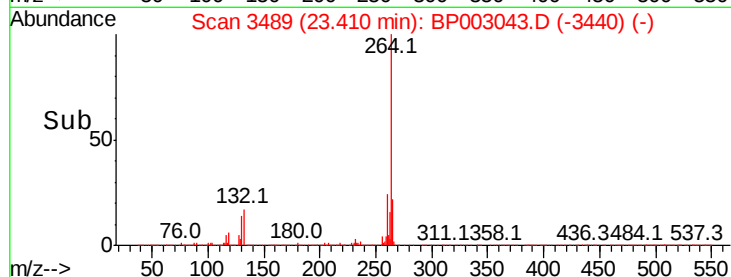
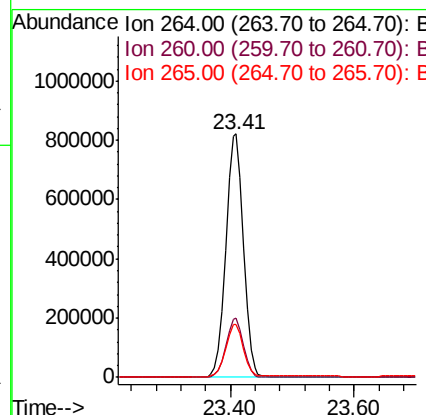
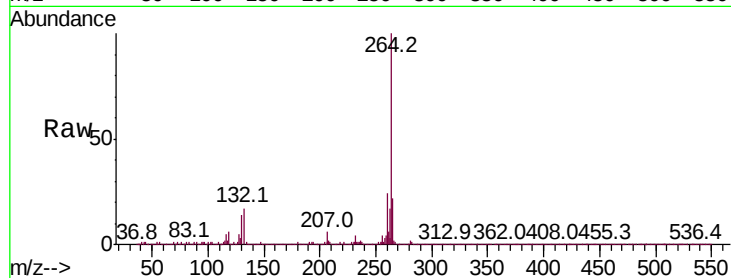


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Instrument :
BNA_P
ClientSampled :
CHRT-26572

Tot Ion:264 Resp: 1625085

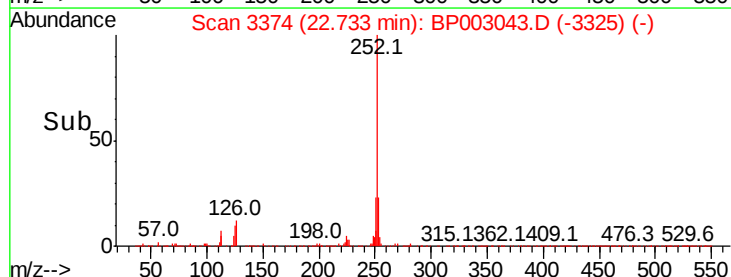
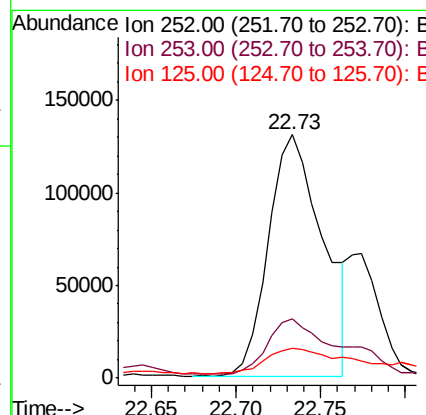
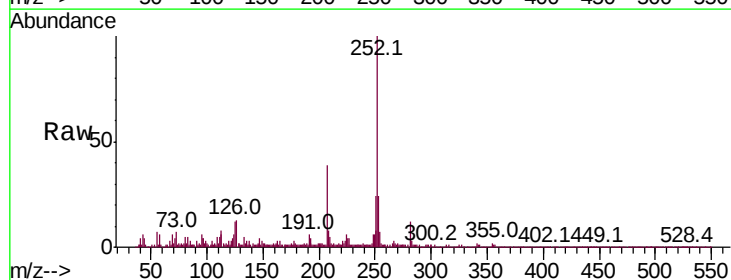
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.3	25.9

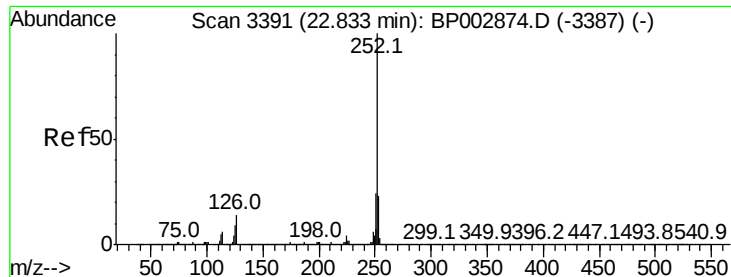


#88
Benzo(b)fluoranthene
Concen: 2.549 ng
RT: 22.73 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Tgt Ion:252 Resp: 292264

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	12.1	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 2.696 ng

RT: 22.73 min Scan# 3374

Delta R.T. -0.06 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

Instrument :

BNA_P

ClientSampleId :

CHRT-26572

Tot Ion:252 Resp: 292264

Ion Ratio Lower Upper

252 100

253 24.3 18.3 27.5

125 12.1 9.3 13.9

