

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002705.D
 Acq On : 09 Jul 2020 19:39
 Operator : CG/JU
 Sample : PB130070TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130070TB

Quant Time: Jul 10 00:29:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	43488	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	203884	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	143150	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	364794	20.00	ng	0.00
76) Chrysene-d12	21.09	240	540924	20.00	ng	0.00
86) Perylene-d12	23.28	264	679803	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	323460	125.93	ng	0.00
7) Phenol-d6	6.77	99	460930	128.57	ng	0.00
23) Nitrobenzene-d5	8.71	82	321718	81.30	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	228555	131.27	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	851885	87.59	ng	-0.01
79) Terphenyl-d14	19.56	244	2269025	90.54	ng	-0.01

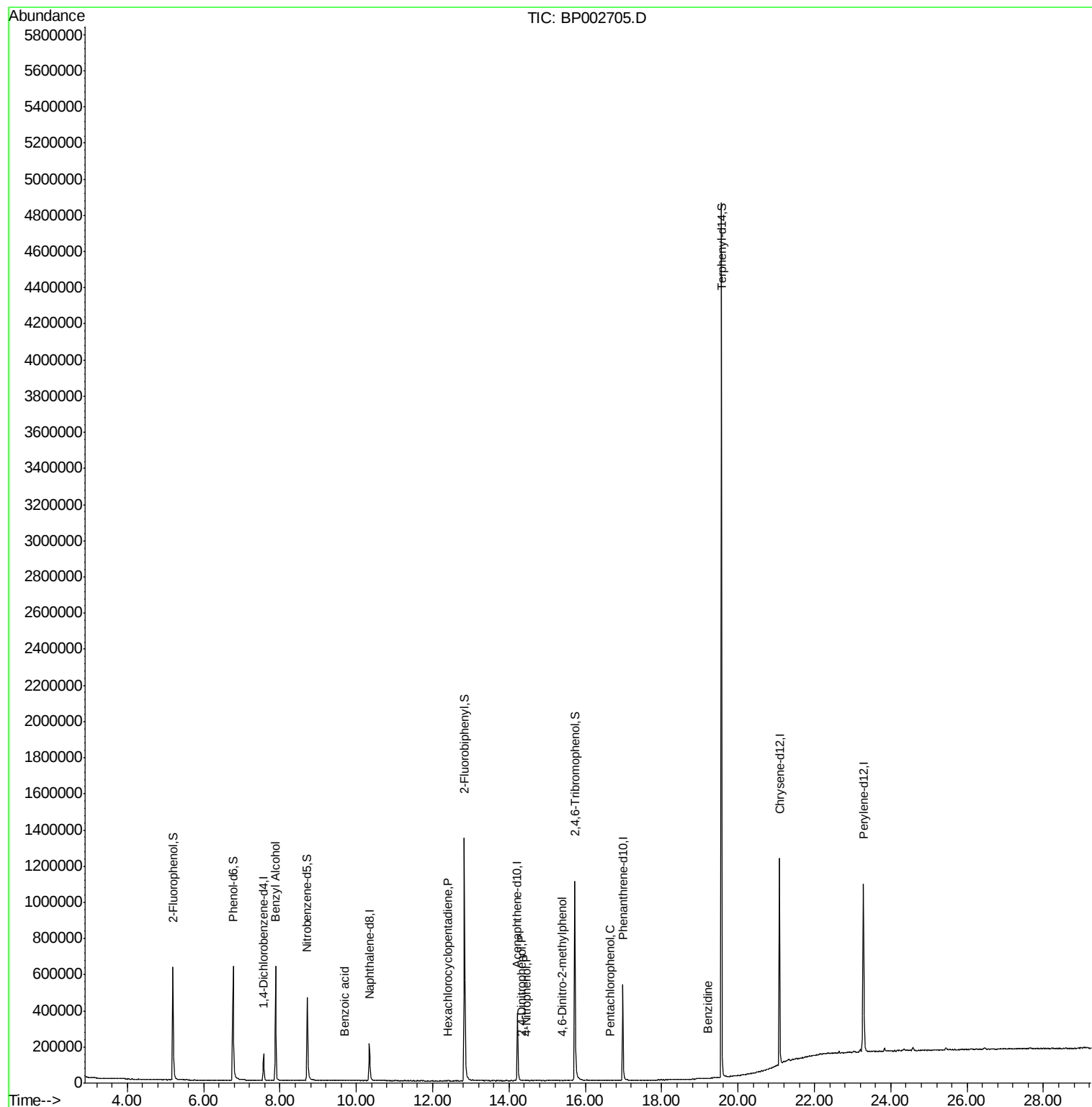
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.72	77	109	Below Cal		# 38
15) Benzyl Alcohol	7.88	79	5512	2.046	ng	# 45
32) Benzoic acid	9.68	122	16	8.705	ng	# 1
41) Hexachlorocyclopentadiene	12.40	237	8	4.385	ng	# 76
54) 2,4-Dinitrophenol	14.33	184	12	6.016	ng	# 1
56) 4-Nitrophenol	14.47	139	32	2.451	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.39	198	24	2.719	ng	# 1
70) Pentachlorophenol	16.65	266	25	2.671	ng	# 79
77) Benzidine	19.20	184	44	3.758	ng	# 68

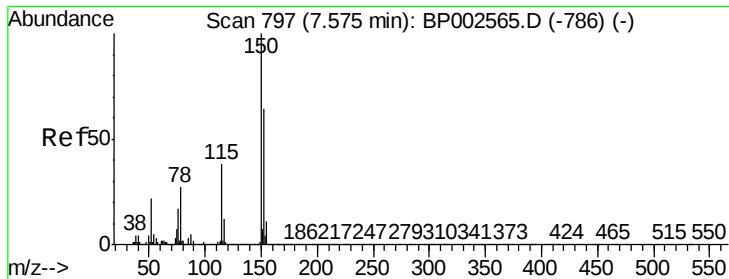
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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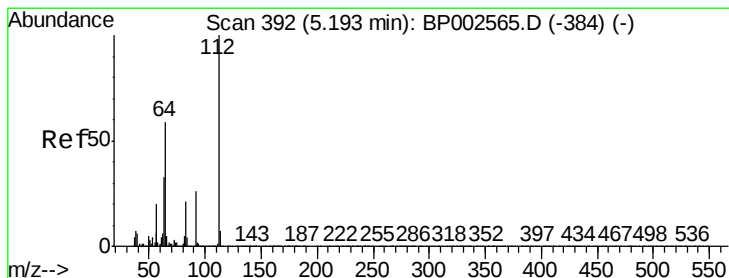
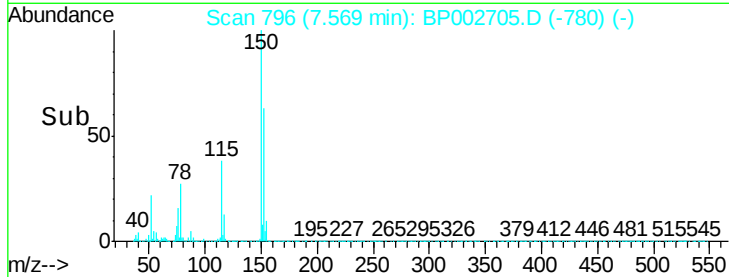
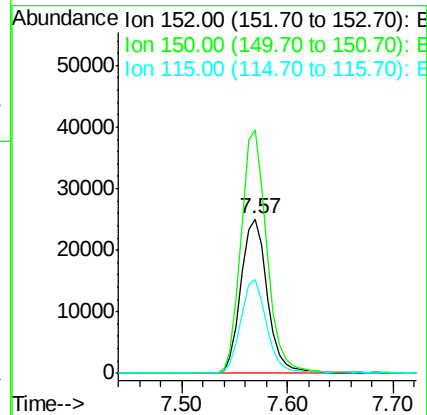
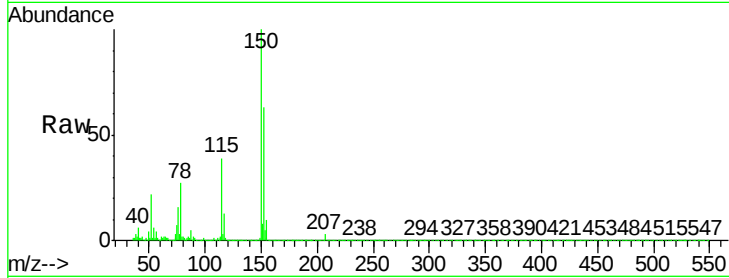


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002705.D
Acq: 09 Jul 2020 19:39

Instrument :
BNA_P
ClientSampleId :
PB130070TB

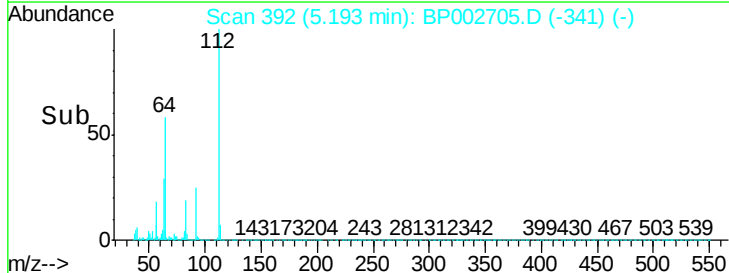
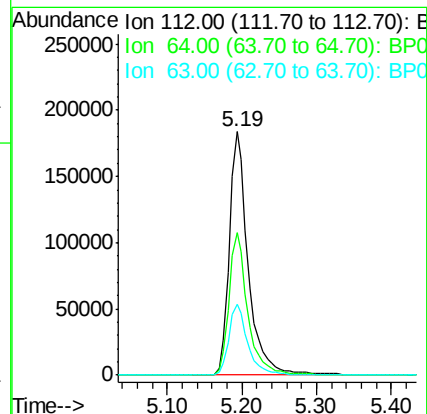
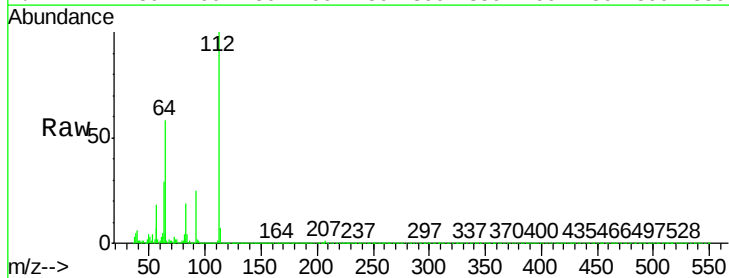
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.2	186.2
115	61.1	47.1	70.7

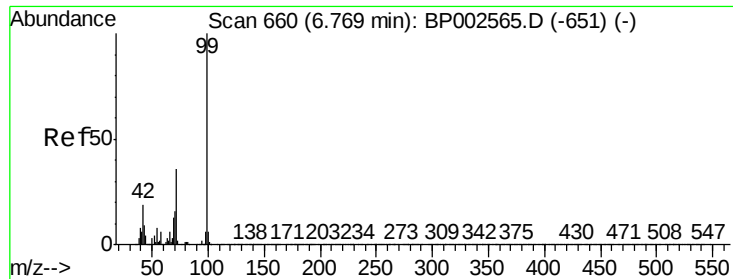


#5

2-Fluorophenol
Concen: 125.932 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002705.D
Acq: 09 Jul 2020 19:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.0	70.6
63	29.3	26.1	39.1





#7

Phenol-d6

Concen: 128.572 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002705.D

Acq: 09 Jul 2020 19:39

Instrument :

BNA_P

ClientSampleId :

PB130070TB

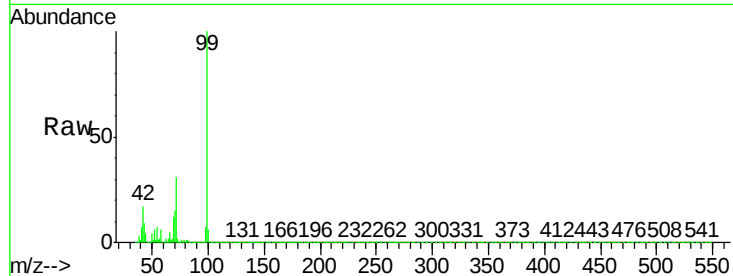
Tot Ion: 99 Resp: 460930

Ion Ratio Lower Upper

99 100

42 17.3 15.5 23.3

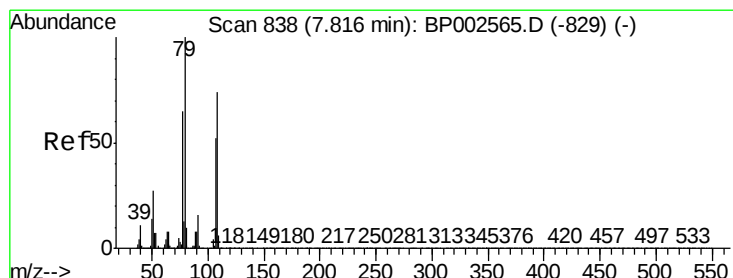
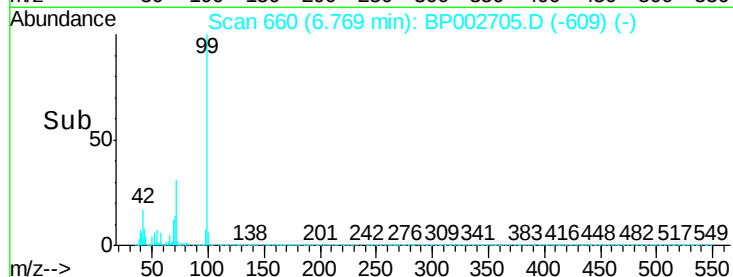
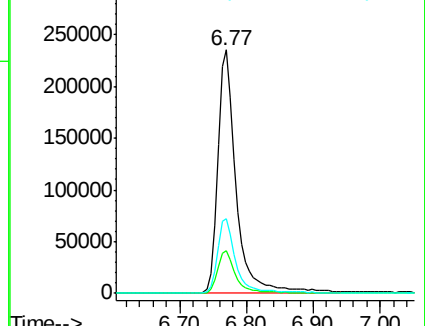
71 30.7 28.9 43.3



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



#15

Benzyl Alcohol

Concen: 2.046 ng

RT: 7.88 min Scan# 849

Delta R.T. 0.06 min

Lab File: BP002705.D

Acq: 09 Jul 2020 19:39

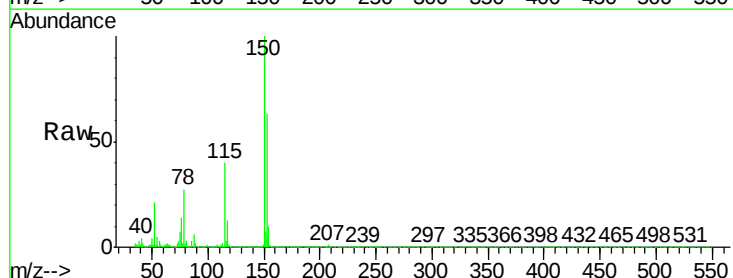
Tgt Ion: 79 Resp: 5512

Ion Ratio Lower Upper

79 100

108 25.2 59.4 89.2#

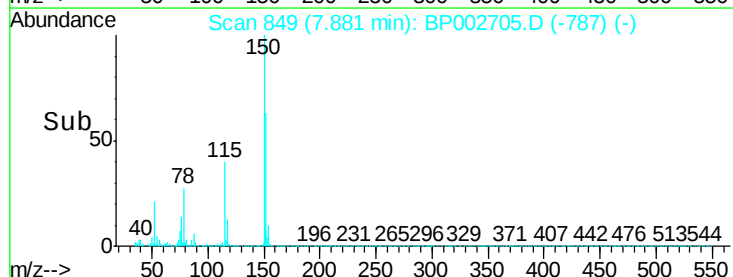
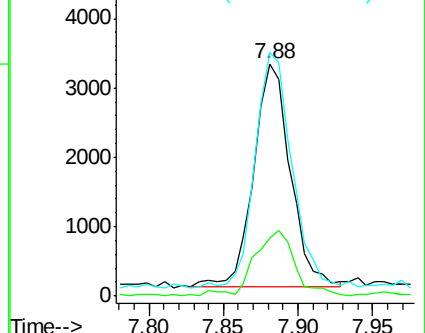
77 104.8 51.9 77.9#

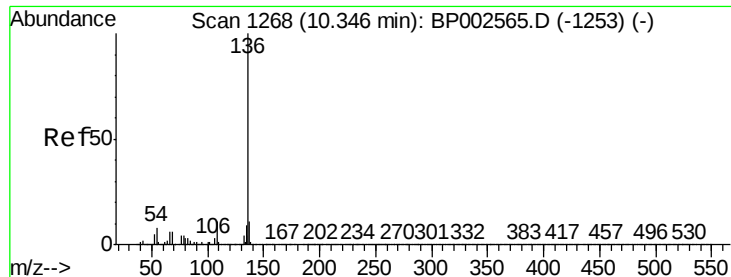


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BP0

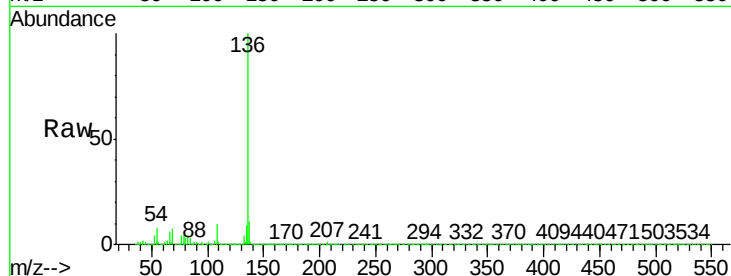




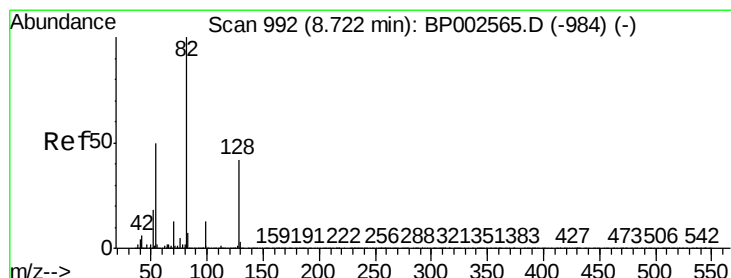
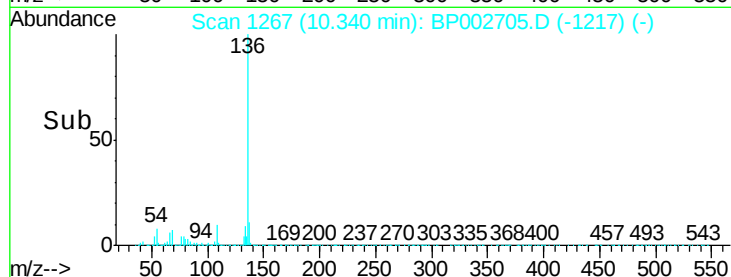
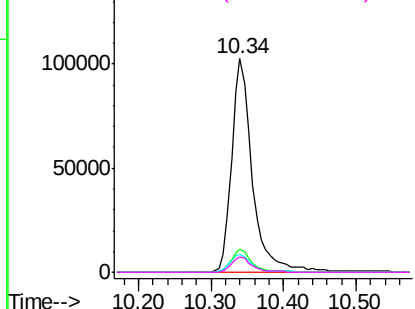
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002705.D
Acq: 09 Jul 2020 19:39

Instrument :
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Tot Ion:136	Resp:	203884
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	8.2	6.4 9.6
68	6.9	5.1 7.7

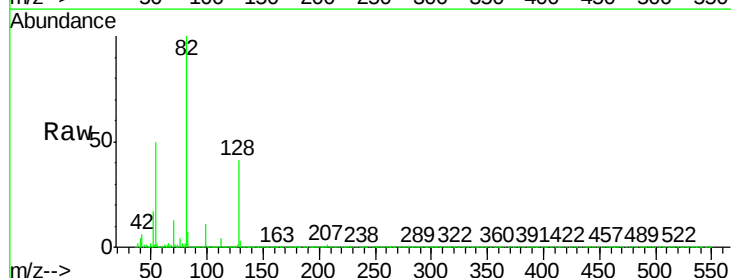


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

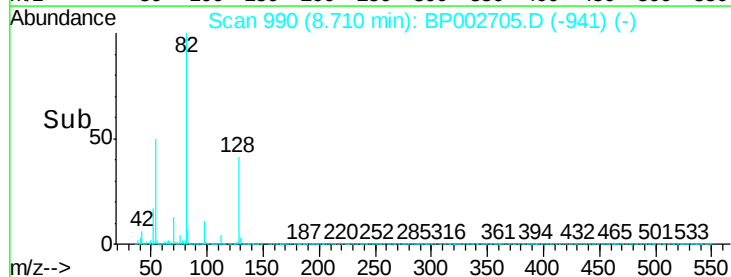
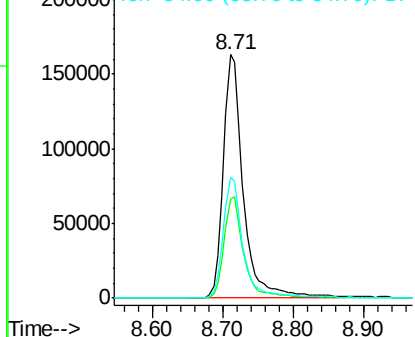


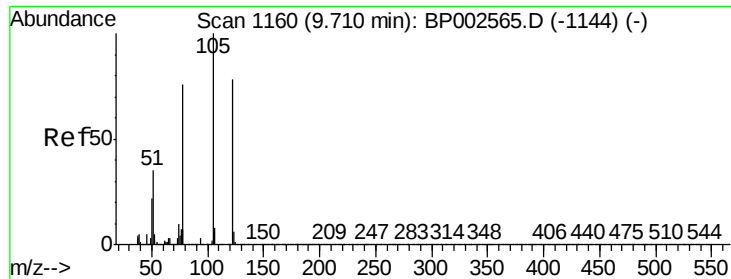
#23
Nitrobenzene-d5
Concen: 81.304 ng
RT: 8.71 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP002705.D
Acq: 09 Jul 2020 19:39

Tgt Ion: 82	Resp:	321718
Ion Ratio	Lower	Upper
82	100	
128	40.6	33.4 50.2
54	49.6	40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





#32

Benzoic acid

Concen: 8.705 ng

RT: 9.68 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BP002705.D

Acq: 09 Jul 2020 19:39

Instrument :

BNA_P

ClientSampleId :

PB130070TB

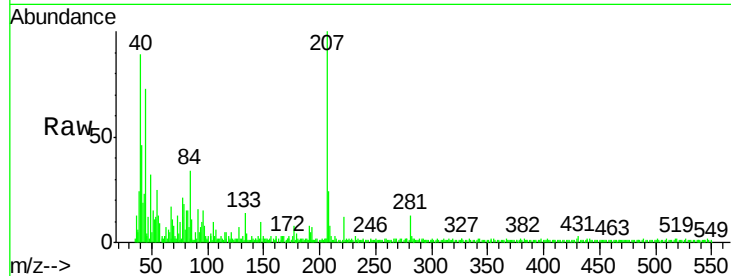
Tot Ion:122 Resp: 16

Ion Ratio Lower Upper

122 100

105 372.0 106.6 146.6#

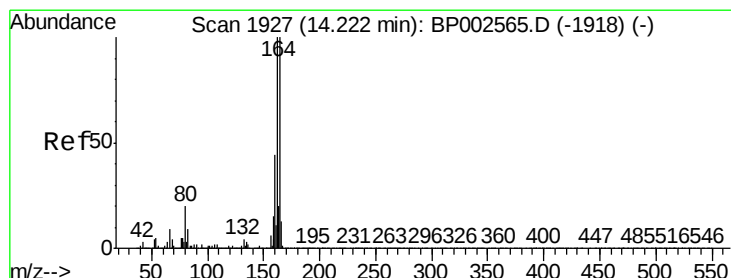
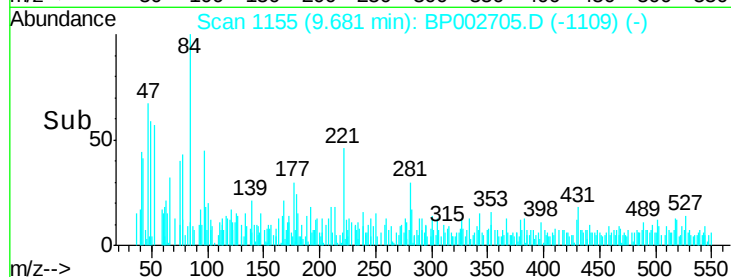
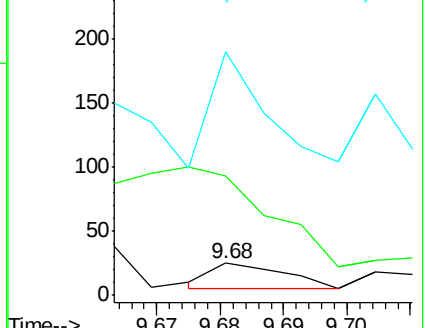
77 760.0 76.5 116.5#



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: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002705.D

Acq: 09 Jul 2020 19:39

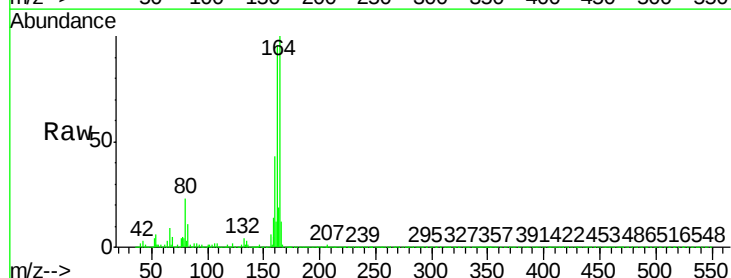
Tgt Ion:164 Resp: 143150

Ion Ratio Lower Upper

164 100

162 96.1 80.3 120.5

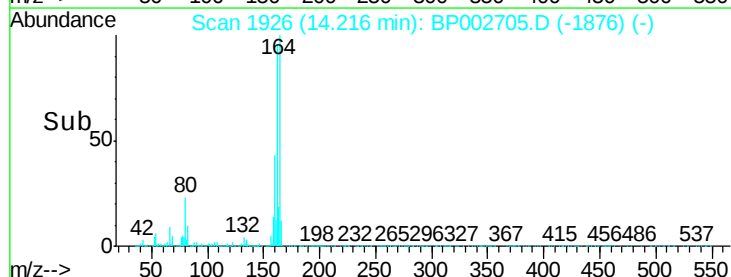
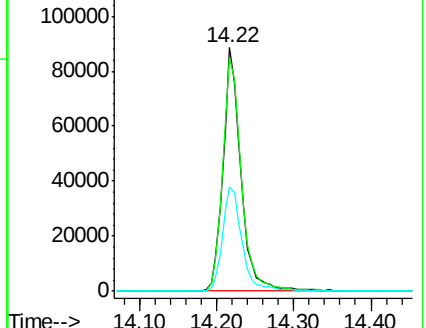
160 42.6 35.0 52.6

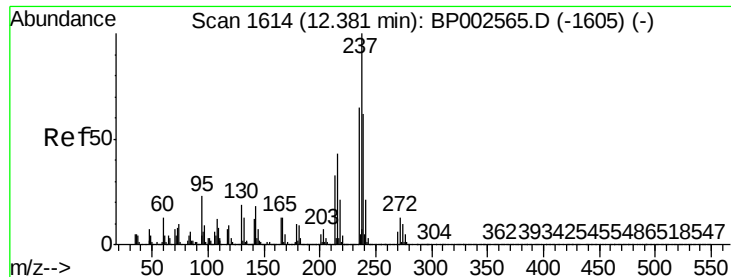


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

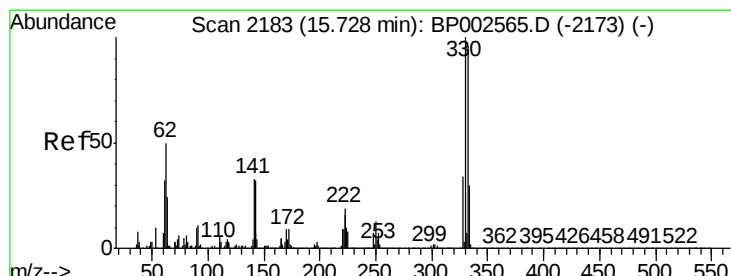
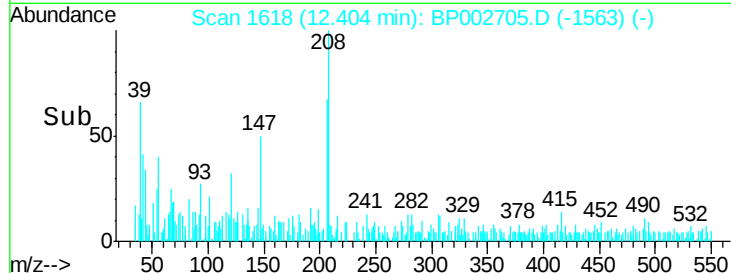
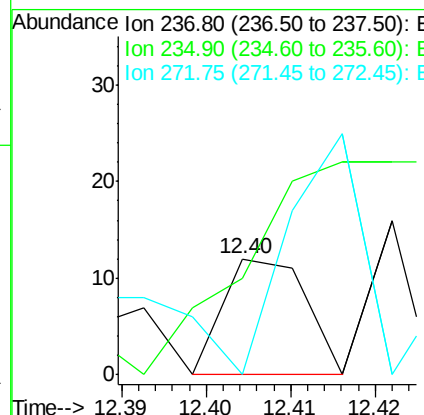
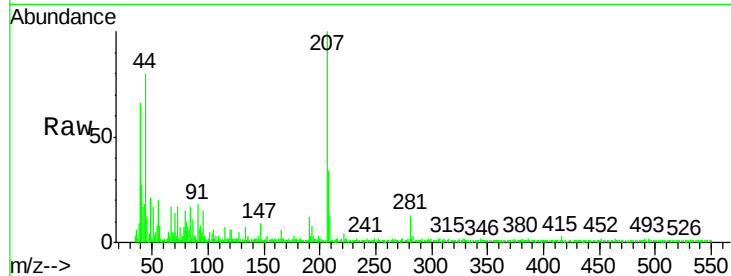




#41
Hexachlorocyclopentadiene
Concen: 4.385 ng
RT: 12.40 min Scan# 1618
Delta R.T. 0.02 min
Lab File: BP002705.D
Acq: 09 Jul 2020 19:39

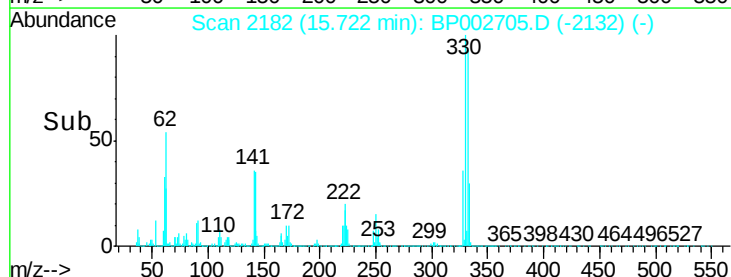
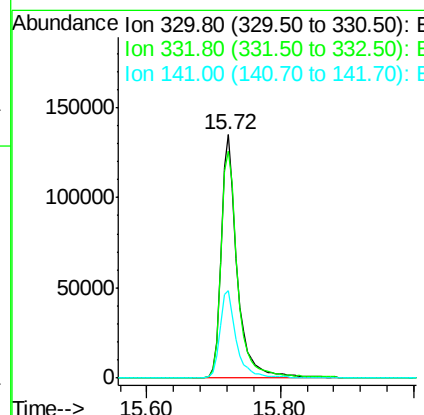
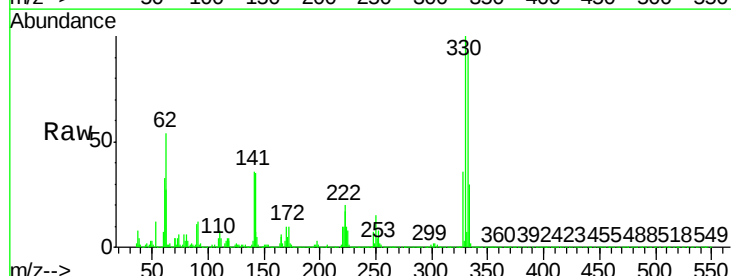
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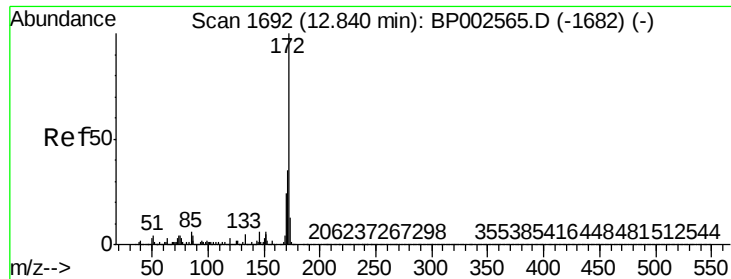
Tot Ion:	237	Resp:	8
Ion	Ratio	Lower	Upper
237	100		
235	83.3	45.4	85.4
272	0.0	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 131.270 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002705.D
Acq: 09 Jul 2020 19:39

Tgt Ion:	330	Resp:	228555
Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.7	116.5
141	37.1	29.0	43.6

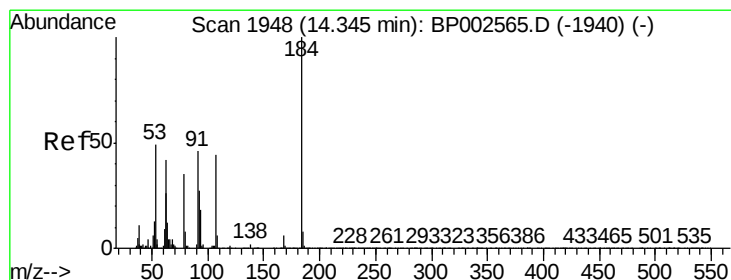
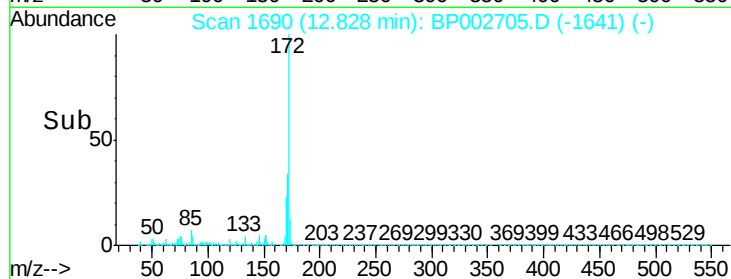
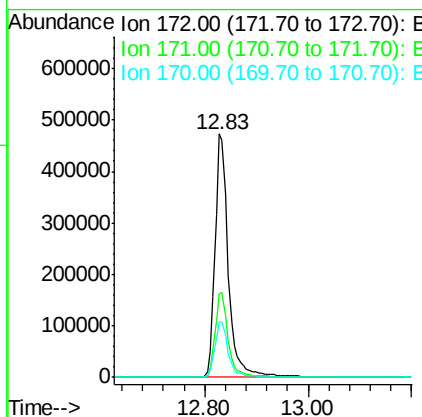
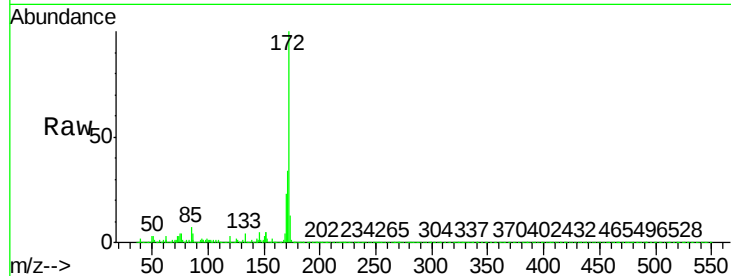




#45
2-Fluorobiphenyl
Concen: 87.589 ng
RT: 12.83 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BP002705.D
Acq: 09 Jul 2020 19:39

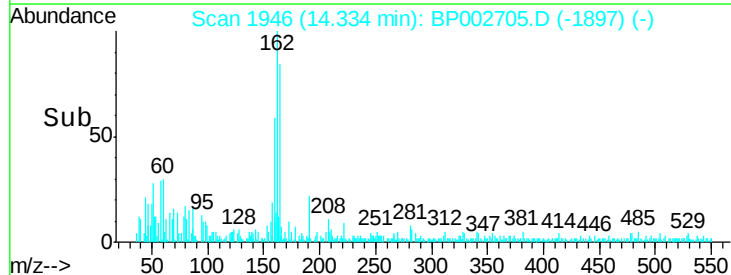
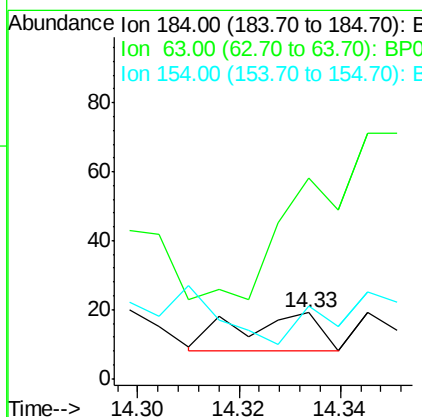
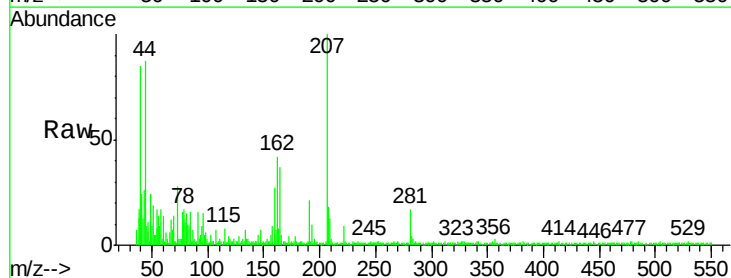
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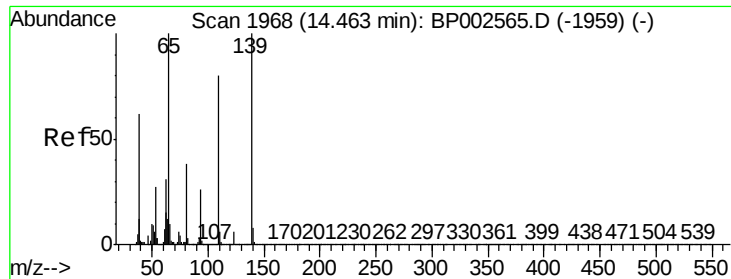
Tot Ion:172 Resp: 851885
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 22.9 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 6.016 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002705.D
Acq: 09 Jul 2020 19:39

Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 305.3 56.2 84.2#
154 110.5 50.9 76.3#

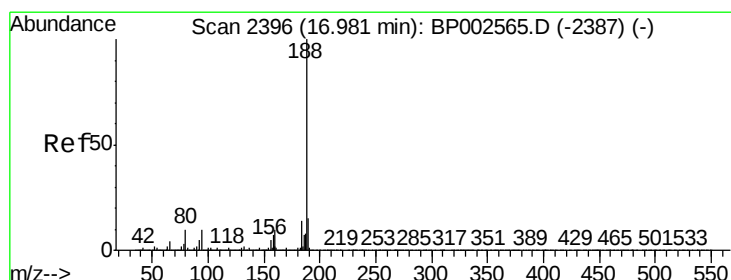
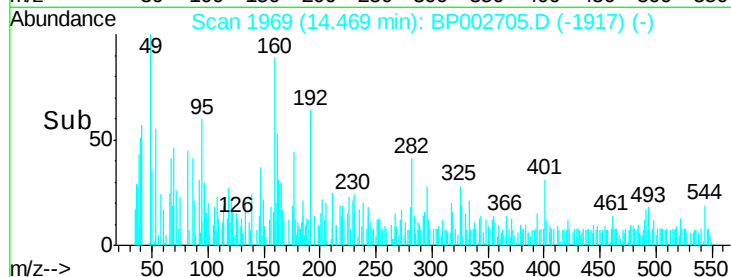
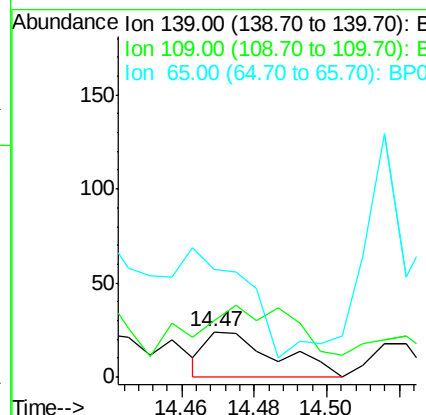
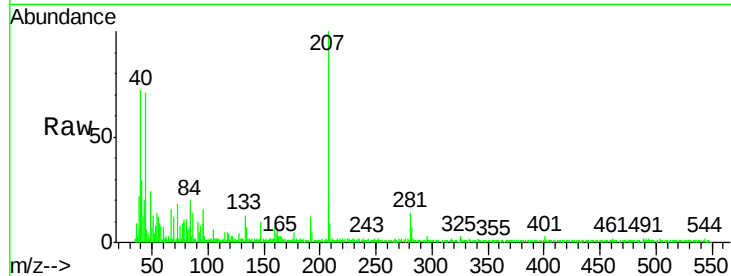




#56
4-Nitrophenol
Concen: 2.451 ng
RT: 14.47 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BP002705.D
Acq: 09 Jul 2020 19:39

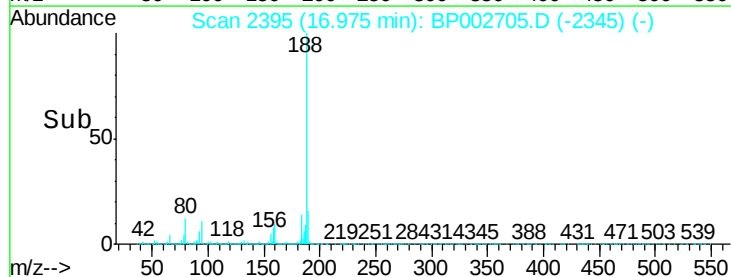
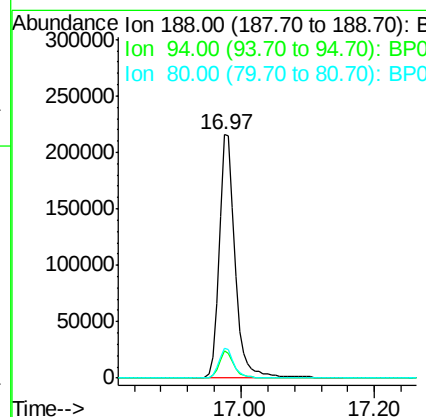
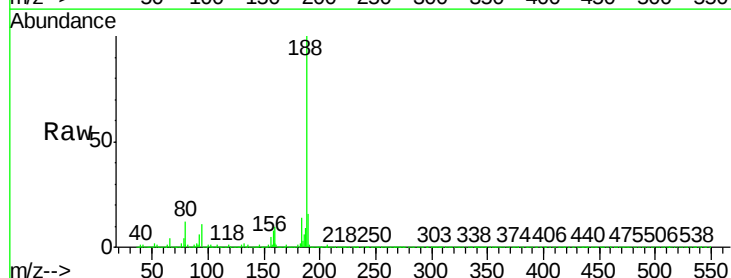
Instrument :
BNA_P
ClientSampleId :
PB130070TB

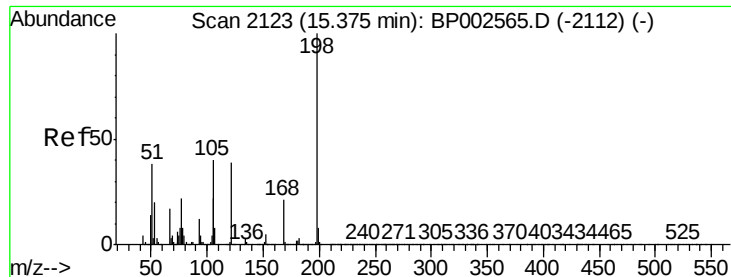
Tot Ion	Ratio	Lower	Upper
139	100		
109	125.0	60.1	100.1#
65	237.5	80.3	120.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002705.D
Acq: 09 Jul 2020 19:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.8	11.6
80	12.2	8.2	12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 2.719 ng

RT: 15.39 min Scan# 2126

Delta R.T. 0.02 min

Lab File: BP002705.D

Acq: 09 Jul 2020 19:39

Instrument :

BNA_P

ClientSampleId :

PB130070TB

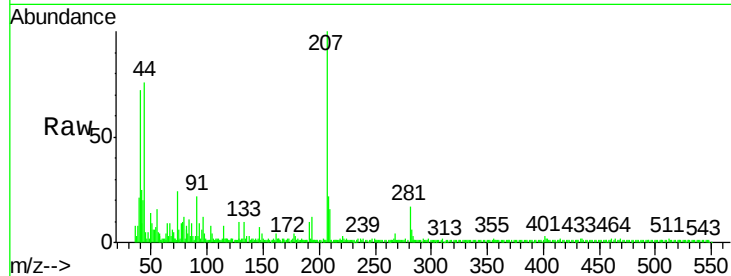
Tot Ion:198 Resp: 24

Ion Ratio Lower Upper

198 100

51 407.7 24.2 64.2#

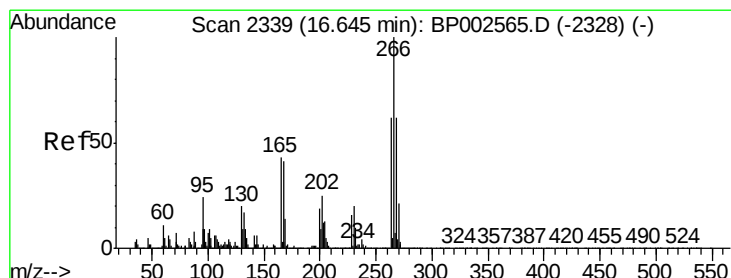
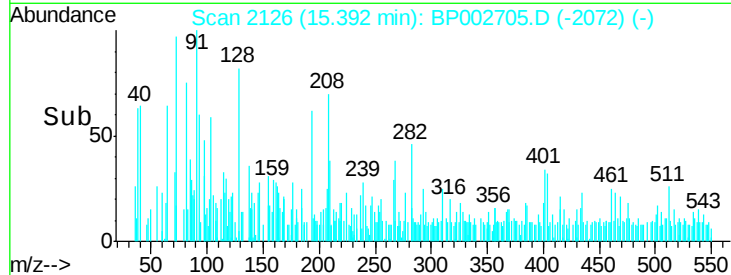
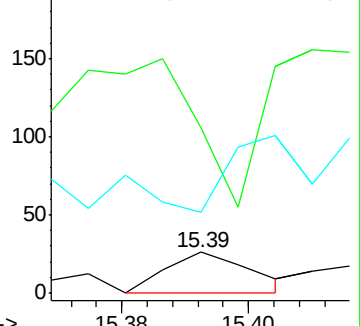
105 273.1 20.7 60.7#



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



#70

Pentachlorophenol

Concen: 2.671 ng

RT: 16.65 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BP002705.D

Acq: 09 Jul 2020 19:39

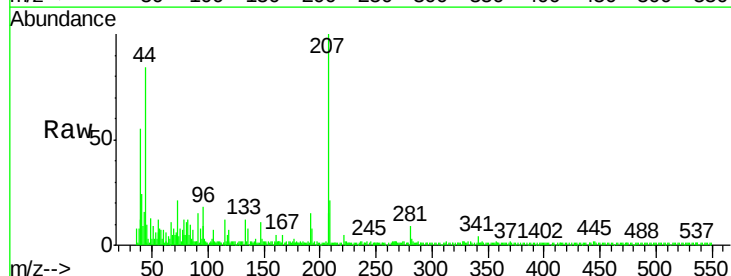
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

268 58.8 49.7 74.5

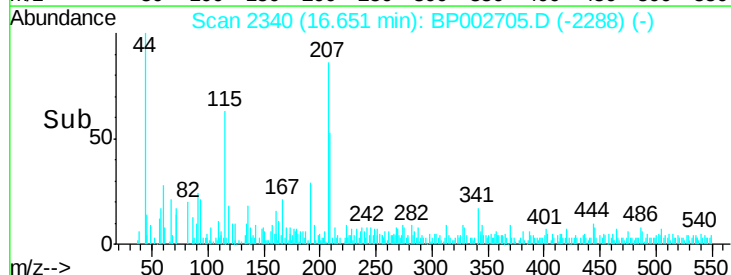
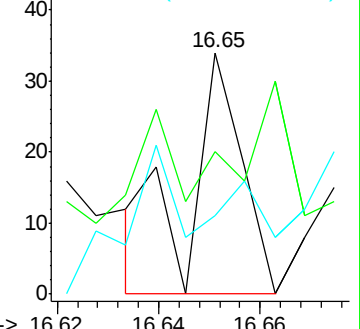
264 32.4 49.3 73.9#

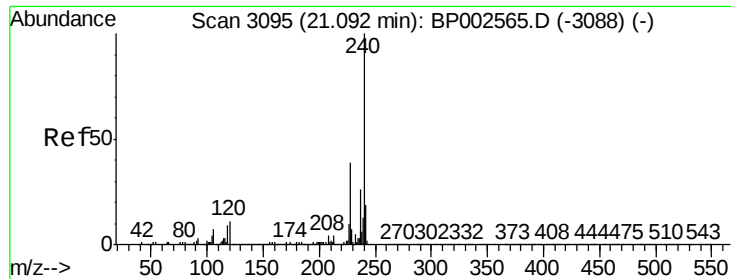


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

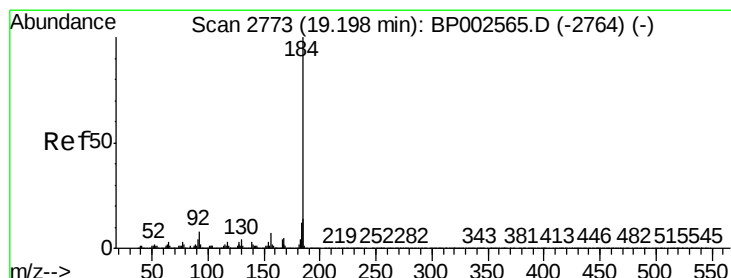
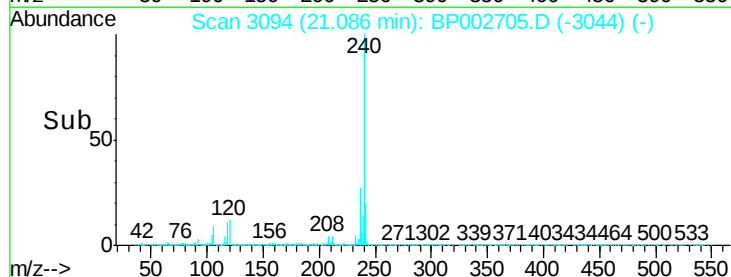
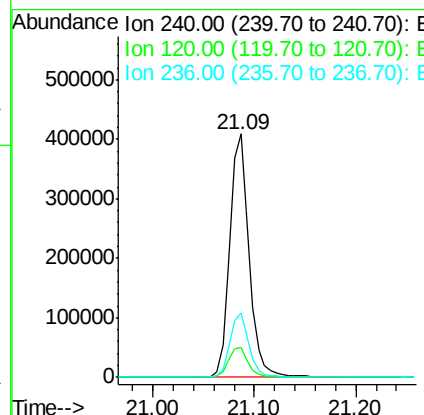
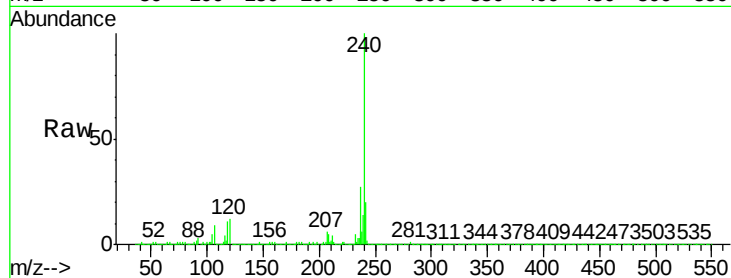




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BP002705.D
 Acq: 09 Jul 2020 19:39

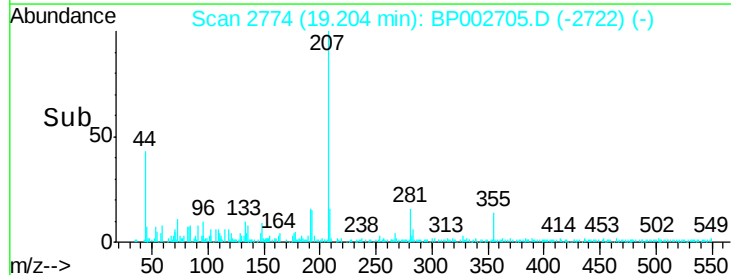
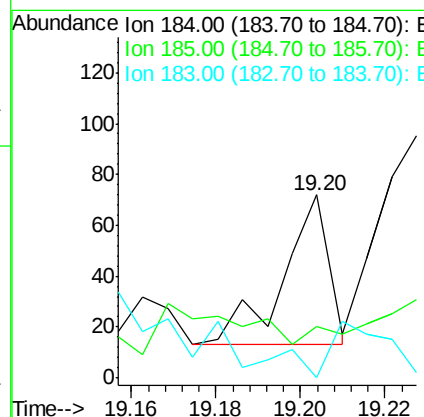
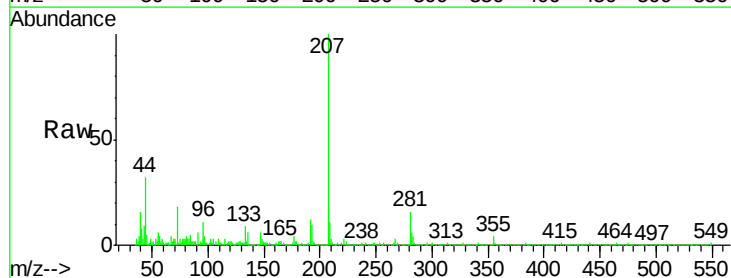
Instrument :
 BNA_P
 ClientSampleId :
 PB130070TB

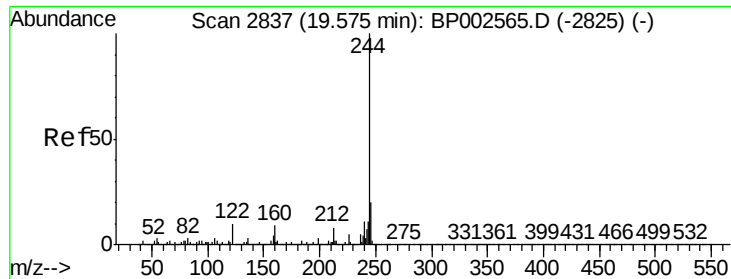
Tot Ion:240 Resp: 540924
 Ion Ratio Lower Upper
 240 100
 120 12.4 8.6 13.0
 236 26.5 20.8 31.2



#77
 Benzidine
 Concen: 3.758 ng
 RT: 19.20 min Scan# 2774
 Delta R.T. 0.01 min
 Lab File: BP002705.D
 Acq: 09 Jul 2020 19:39

Tgt Ion:184 Resp: 44
 Ion Ratio Lower Upper
 184 100
 185 27.8 11.4 17.2#
 183 0.0 9.2 13.8#





#79

Terphenyl-d14

Concen: 90.542 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002705.D

Acq: 09 Jul 2020 19:39

Instrument :

BNA_P

ClientSampleId :

PB130070TB

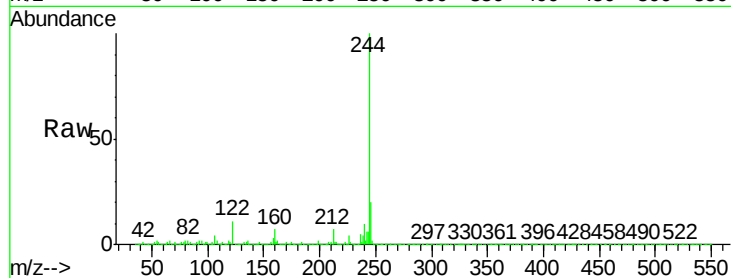
Tot Ion:244 Resp: 2269025

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

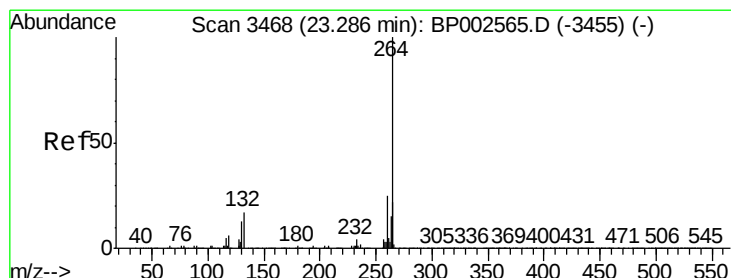
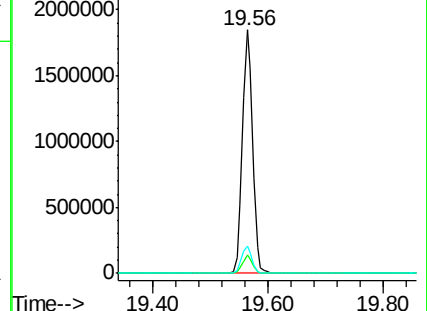
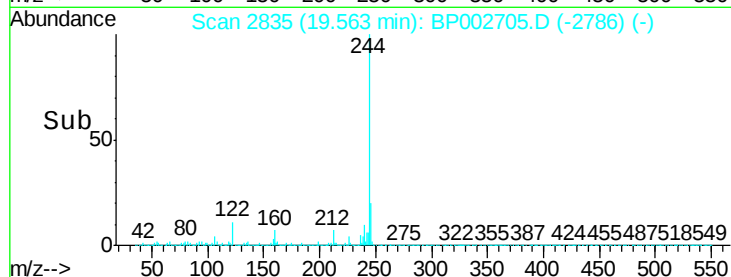
122 11.2 7.9 11.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002705.D

Acq: 09 Jul 2020 19:39

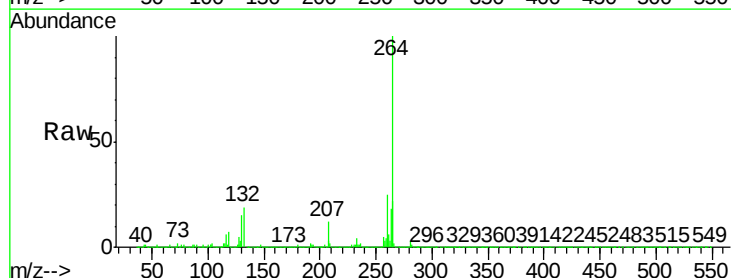
Tgt Ion:264 Resp: 679803

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 22.3 17.6 26.4



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

