

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
 Data File : BP002683.D
 Acq On : 08 Jul 2020 19:43
 Operator : CG/JU
 Sample : L3203-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-06

Quant Time: Jul 09 08:00:30 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

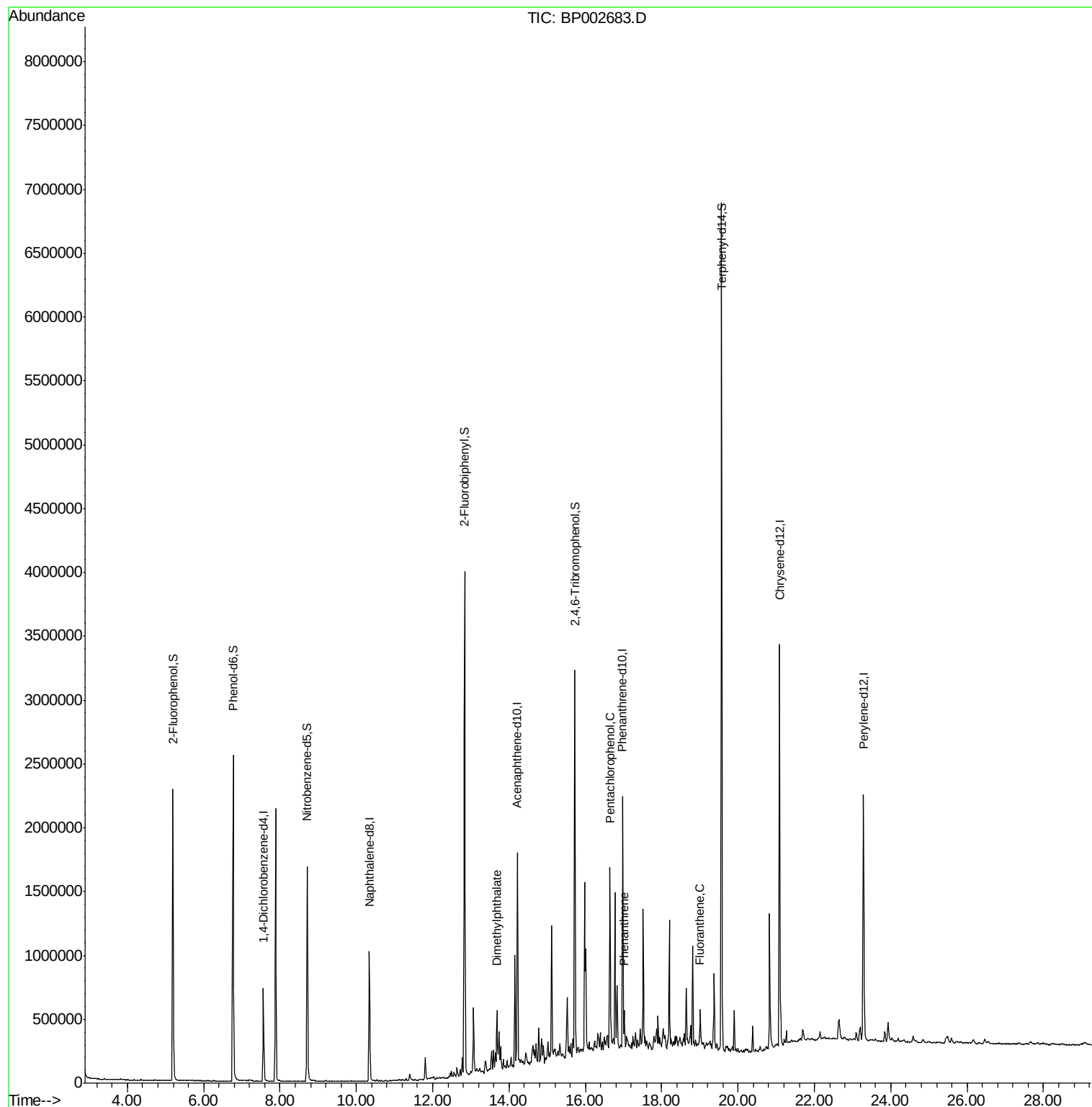
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	204850	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	865394	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	551707	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1176229	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1389132	20.00	ng	0.00
86) Perylene-d12	23.28	264	1292922	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1085337	89.70	ng	0.00
7) Phenol-d6	6.77	99	1629335	96.48	ng	0.00
23) Nitrobenzene-d5	8.71	82	1028461	61.23	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	561436	83.67	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2210741	58.98	ng	0.00
79) Terphenyl-d14	19.57	244	3411108	53.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.68	163	319585	7.375	ng	99
70) Pentachlorophenol	16.65	266	291467	37.480	ng	98
71) Phenanthrene	17.02	178	150844	2.384	ng	98
75) Fluoranthene	19.00	202	171405	2.238	ng	96

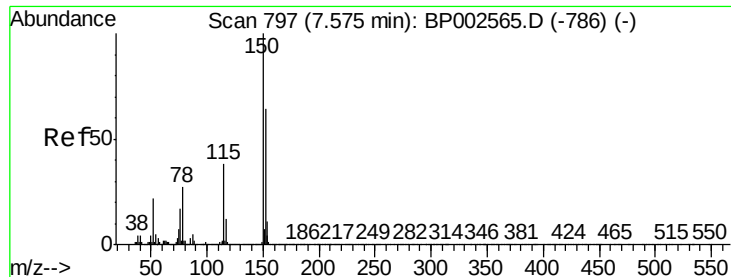
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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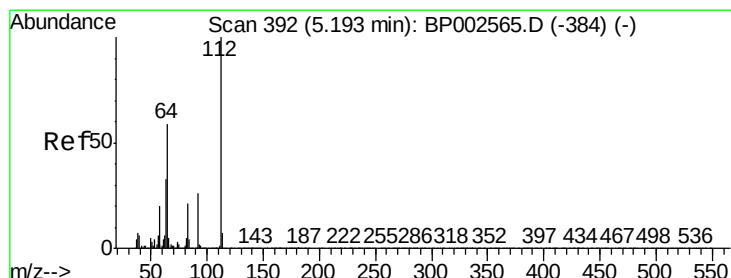
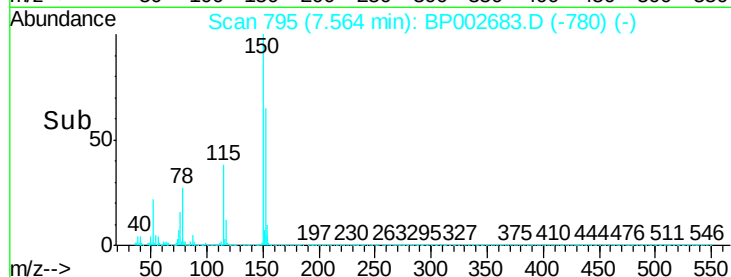
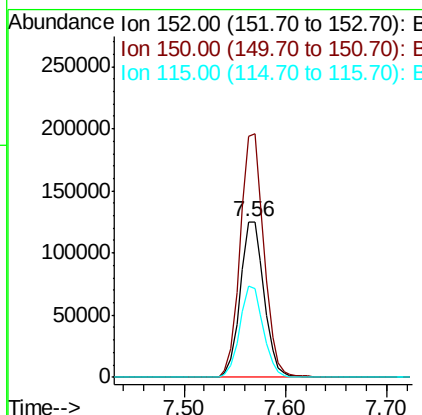
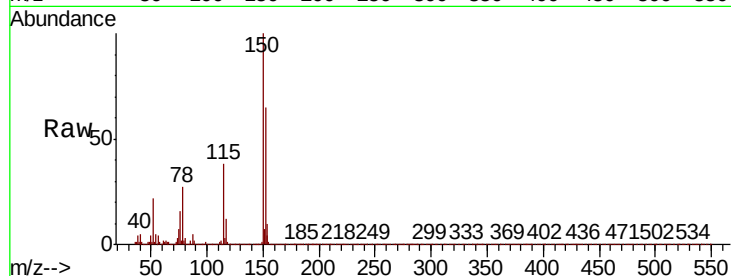


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP002683.D
Acq: 08 Jul 2020 19:43

Instrument :
BNA_P
ClientSampleId :
RO-06

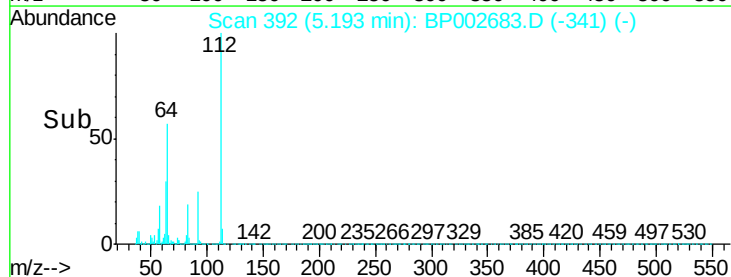
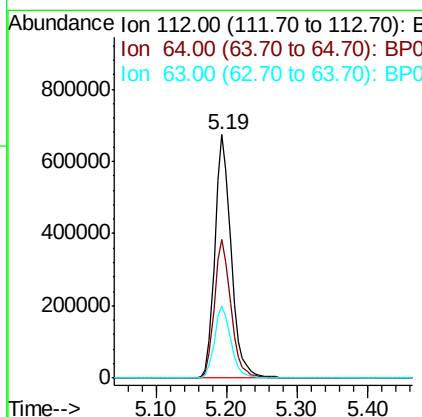
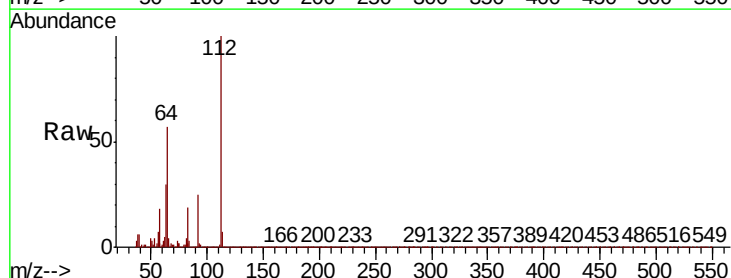
Tot Ion	152	Resp	204850
Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.2
115	58.2	47.1	70.7

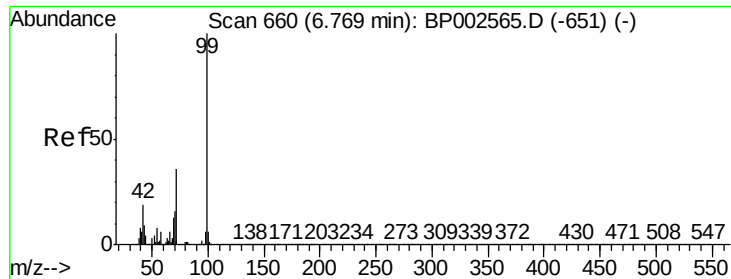


#5

2-Fluorophenol
Concen: 89.705 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002683.D
Acq: 08 Jul 2020 19:43

Tgt Ion	112	Resp	1085337
Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.0	70.6
63	29.8	26.1	39.1





#7

Phenol-d6

Concen: 96.484 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

Lab File: BP002683.D

Acq: 08 Jul 2020 19:43

Instrument :

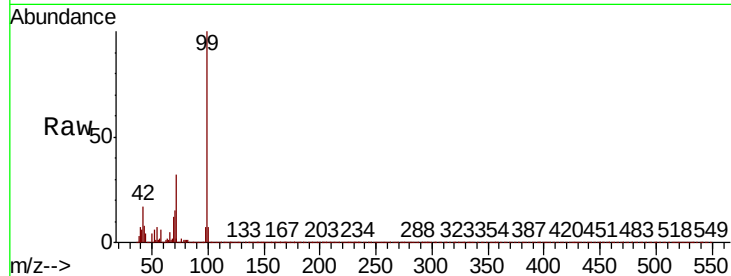
BNA_P

ClientSampleId :

RO-06

Tot Ion: 99 Resp: 1629335

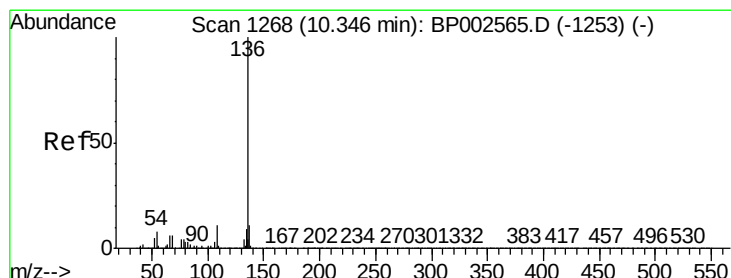
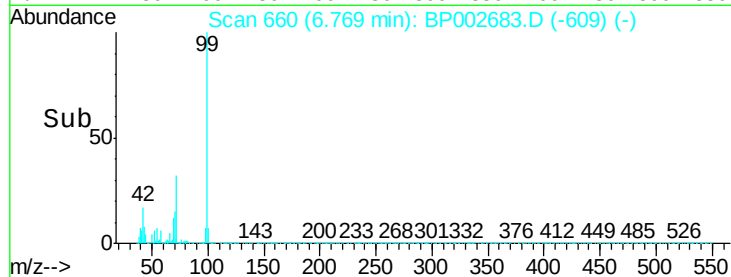
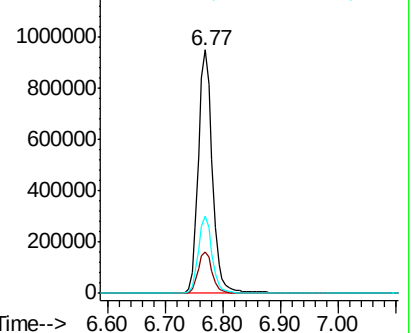
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.5	23.3
71	31.9	28.9	43.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

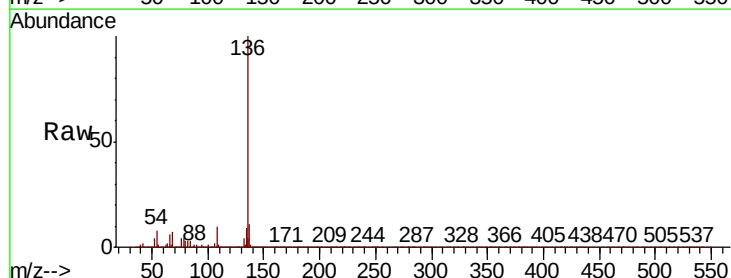
Delta R.T. -0.01 min

Lab File: BP002683.D

Acq: 08 Jul 2020 19:43

Tgt Ion: 136 Resp: 865394

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.5	6.4	9.6
68	7.1	5.1	7.7

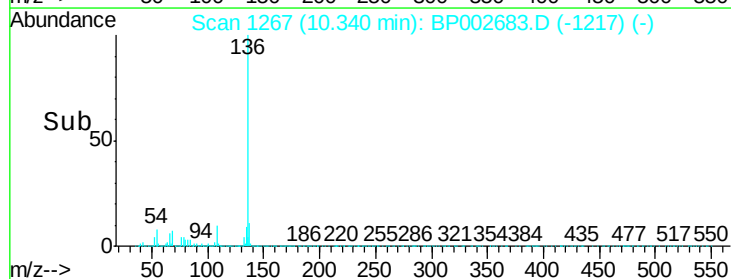
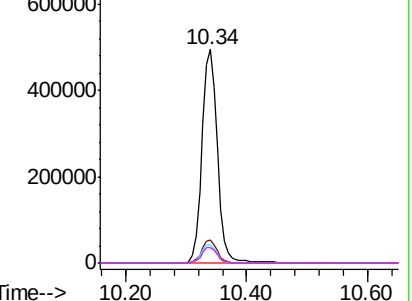


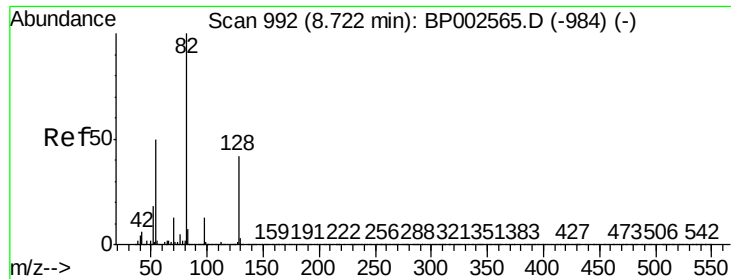
Abundance Ion 136.00 (135.70 to 136.70): E

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

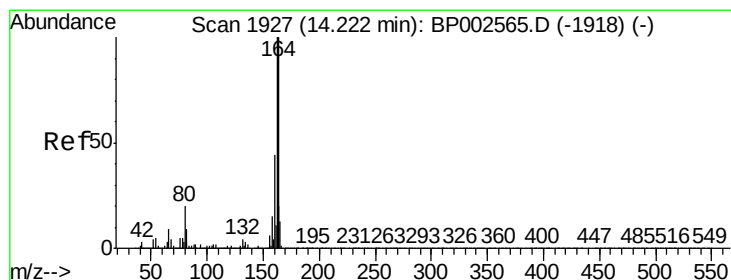
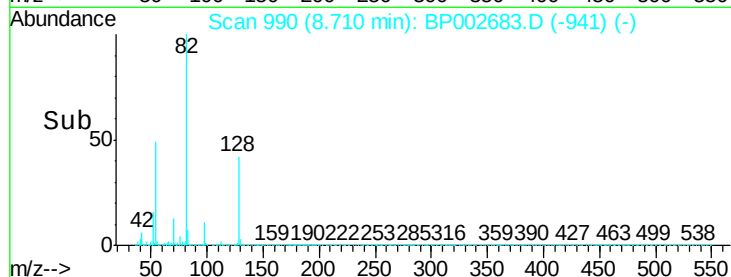
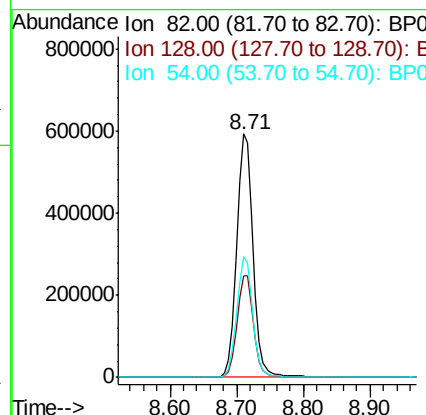
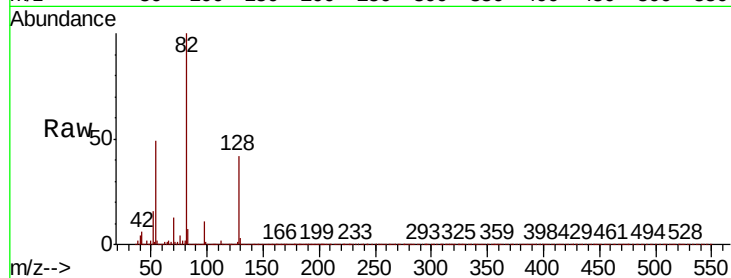




#23
Nitrobenzene-d5
Concen: 61.234 ng
RT: 8.71 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP002683.D
Acq: 08 Jul 2020 19:43

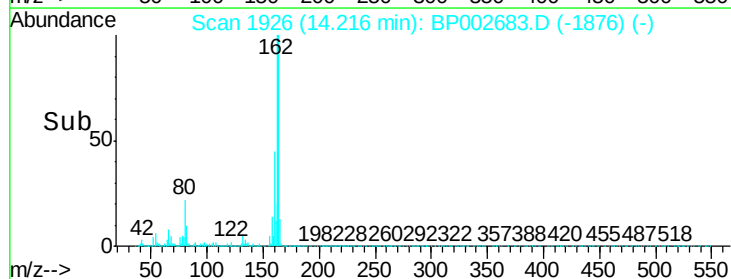
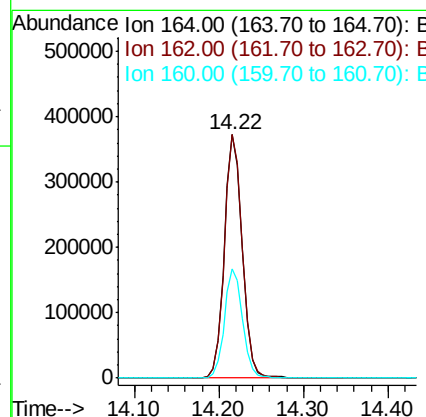
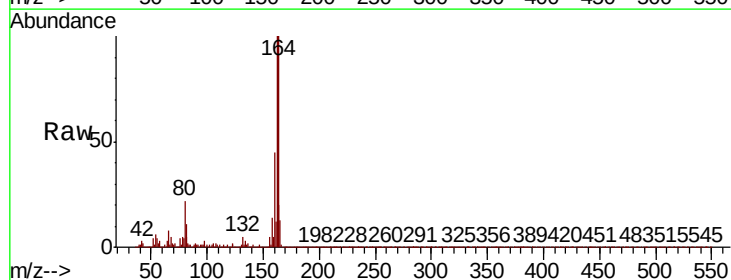
Instrument :
BNA_P
ClientSampleId :
RO-06

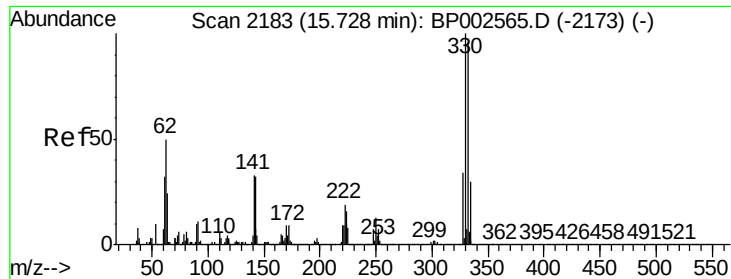
Tot Ion: 82 Resp: 1028461
Ion Ratio Lower Upper
82 100
128 41.7 33.4 50.2
54 49.5 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002683.D
Acq: 08 Jul 2020 19:43

Tgt Ion:164 Resp: 551707
Ion Ratio Lower Upper
164 100
162 99.8 80.3 120.5
160 44.9 35.0 52.6

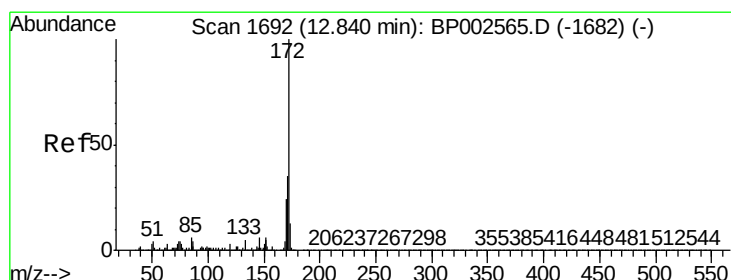
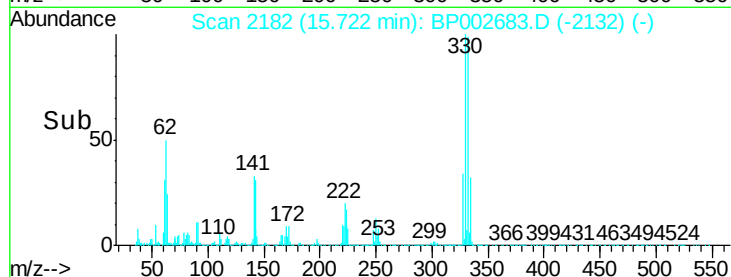
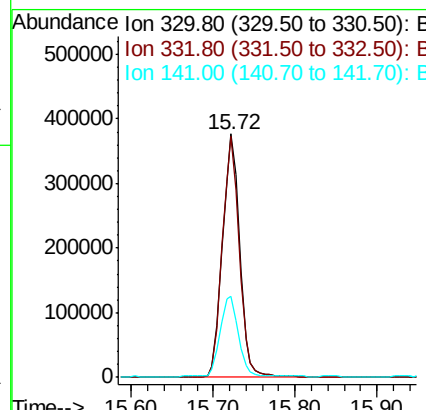
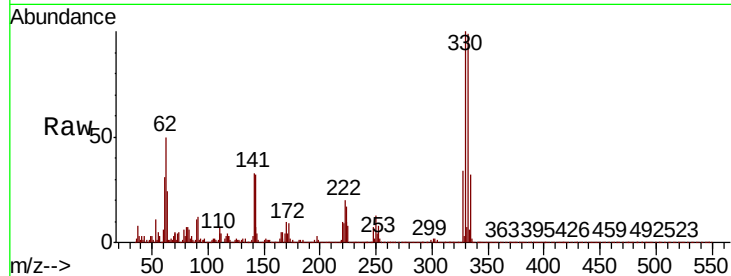




#42
2,4,6-Tribromophenol
Concen: 83.668 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002683.D
Acq: 08 Jul 2020 19:43

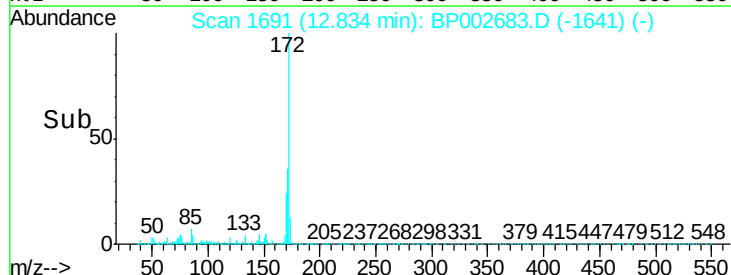
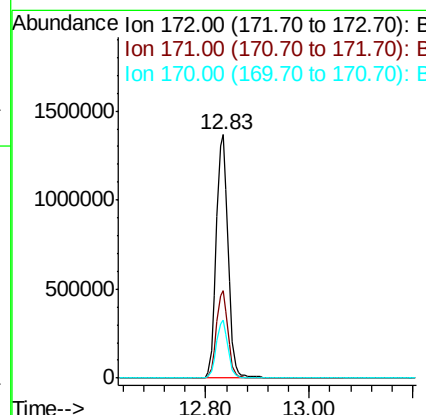
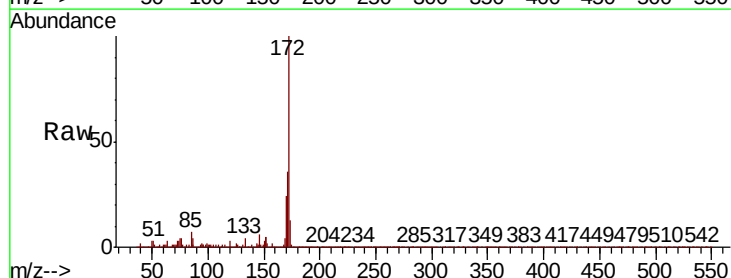
Instrument :
BNA_P
ClientSampleId :
RO-06

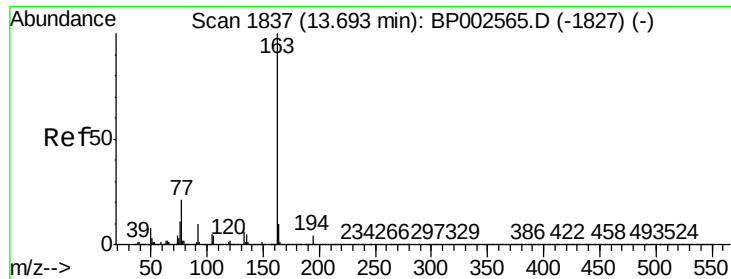
Tot Ion:330 Resp: 561436
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 34.0 29.0 43.6



#45
2-Fluorobiphenyl
Concen: 58.978 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002683.D
Acq: 08 Jul 2020 19:43

Tgt Ion:172 Resp: 2210741
Ion Ratio Lower Upper
172 100
171 36.1 28.0 42.0
170 23.6 19.0 28.4

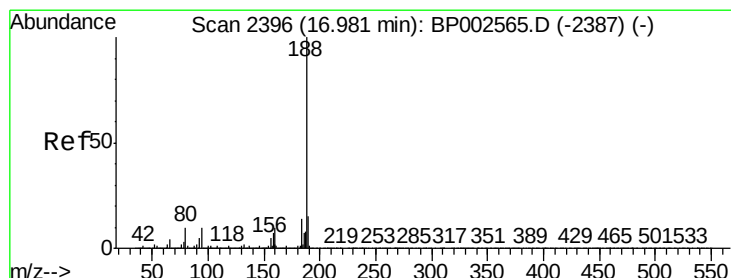
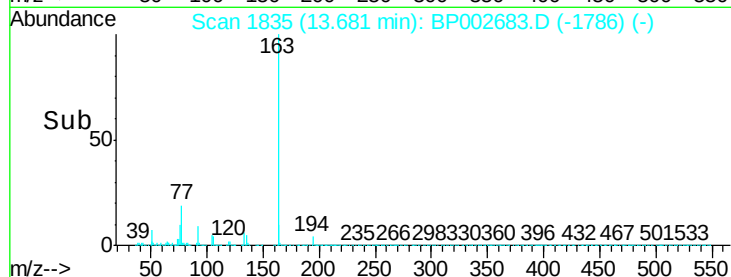
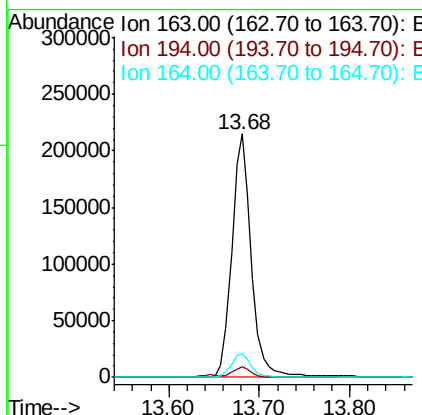
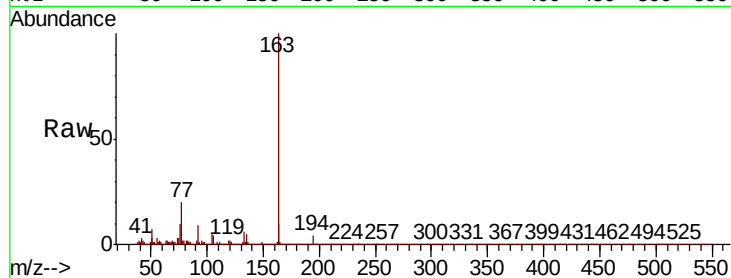




#50
Dimethylphthalate
Concen: 7.375 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002683.D
Acq: 08 Jul 2020 19:43

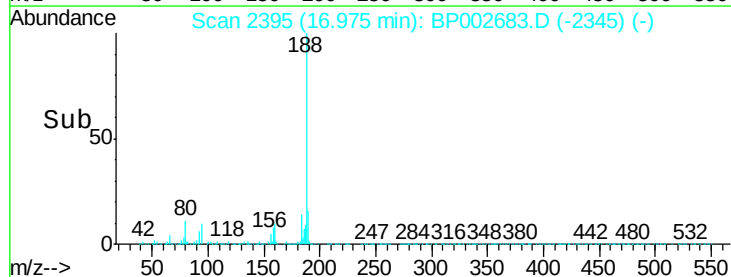
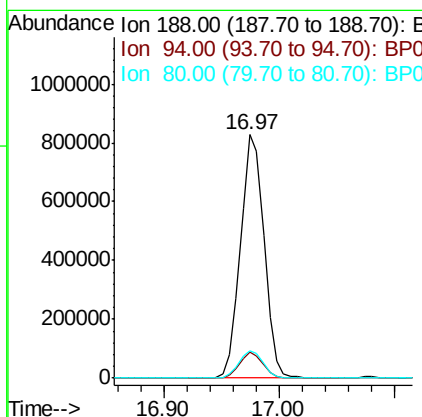
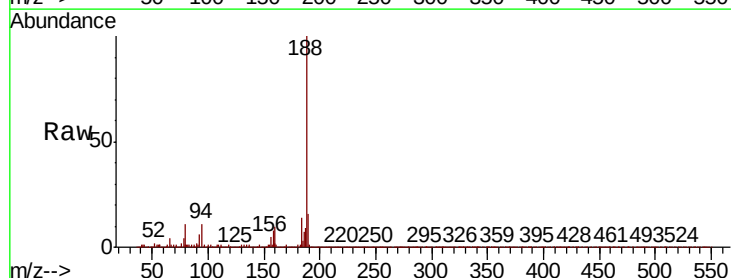
Instrument :
BNA_P
ClientSampled :
RO-06

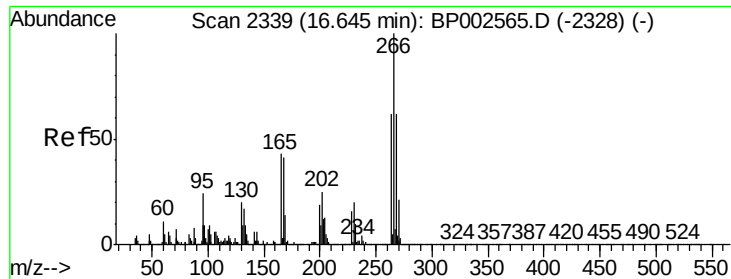
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.9	8.2	12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002683.D
Acq: 08 Jul 2020 19:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.8	11.6
80	11.4	8.2	12.4

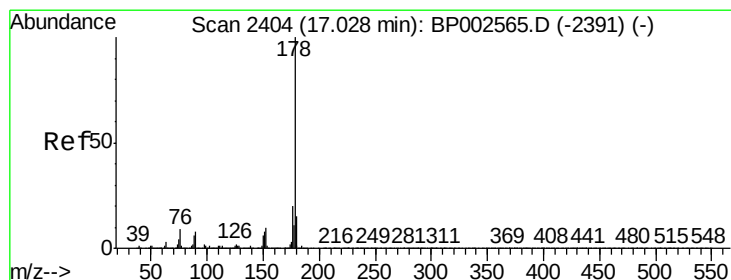
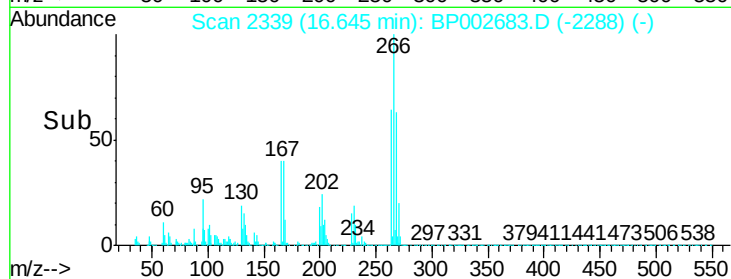
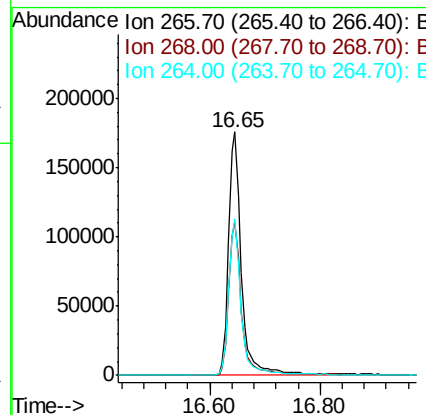
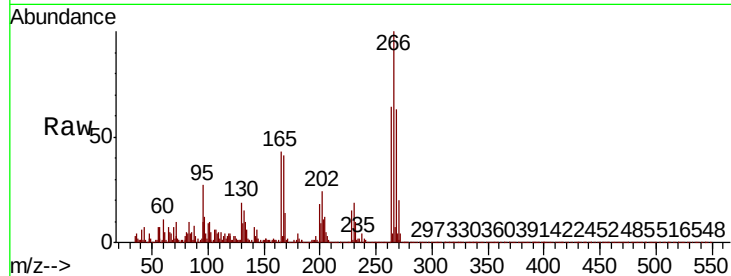




#70
 Pentachlorophenol
 Concen: 37.480 ng
 RT: 16.65 min Scan# 2339
 Delta R.T. 0.00 min
 Lab File: BP002683.D
 Acq: 08 Jul 2020 19:43

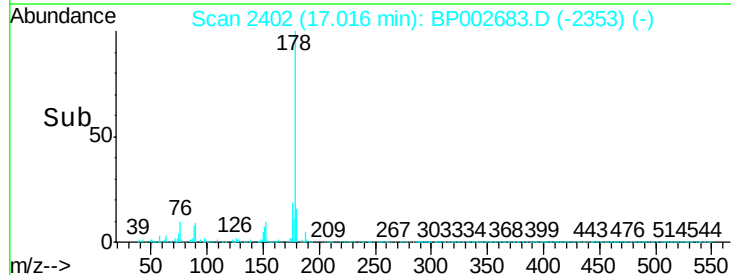
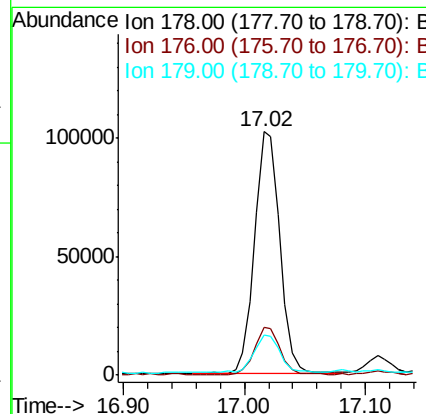
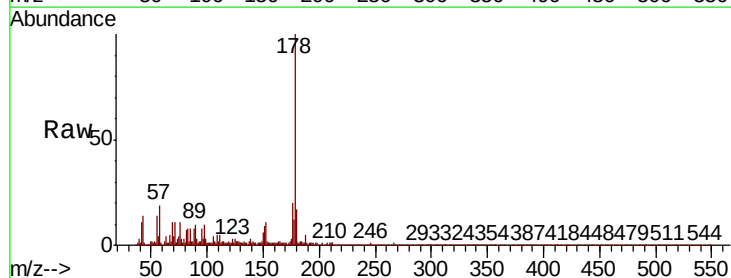
Instrument :
 BNA_P
 ClientSampleId :
 RO-06

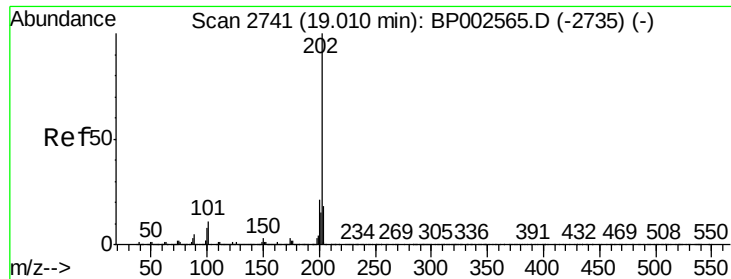
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	49.7	74.5
264	64.3	49.3	73.9



#71
 Phenanthrene
 Concen: 2.384 ng
 RT: 17.02 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BP002683.D
 Acq: 08 Jul 2020 19:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.6	12.1	18.1





#75

Fluoranthene

Concen: 2.238 ng

RT: 19.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BP002683.D

Acq: 08 Jul 2020 19:43

Instrument :

BNA_P

ClientSampleId :

RO-06

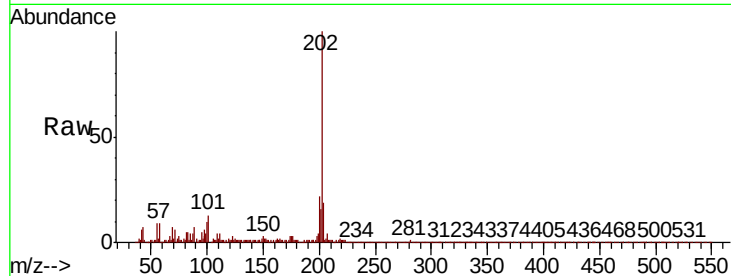
Tot Ion:202 Resp: 171405

Ion Ratio Lower Upper

202 100

101 13.2 0.0 30.6

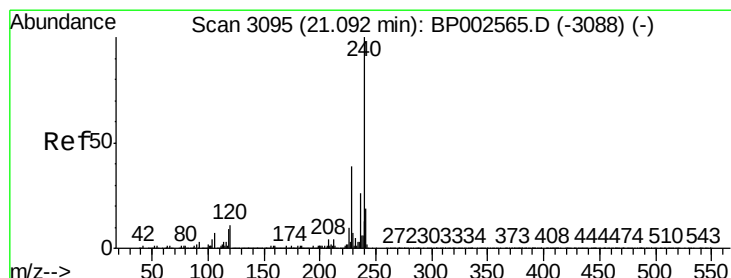
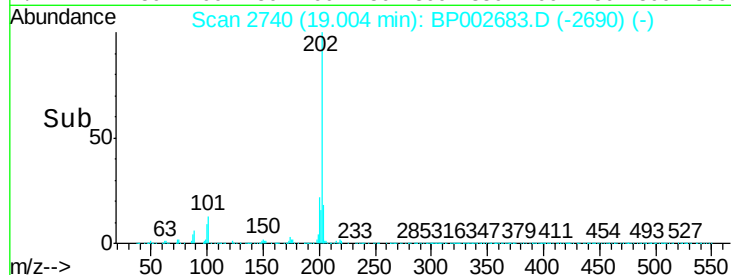
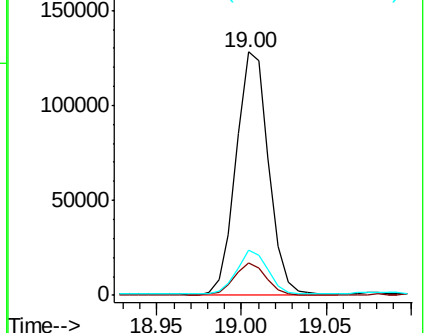
203 18.6 0.0 37.7



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: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002683.D

Acq: 08 Jul 2020 19:43

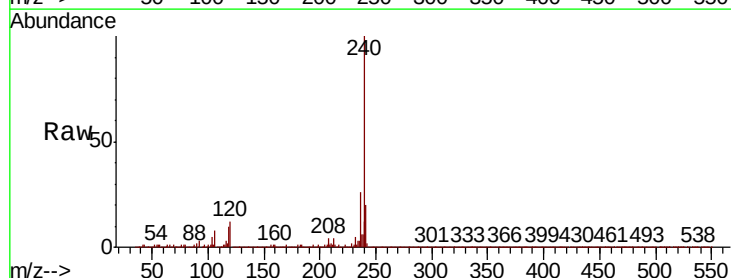
Tgt Ion:240 Resp: 1389132

Ion Ratio Lower Upper

240 100

120 11.7 8.6 13.0

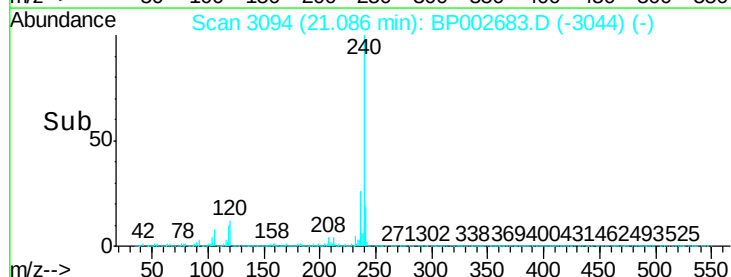
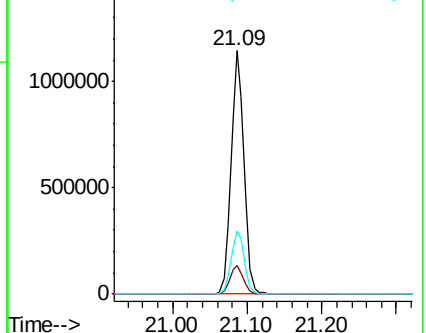
236 26.1 20.8 31.2

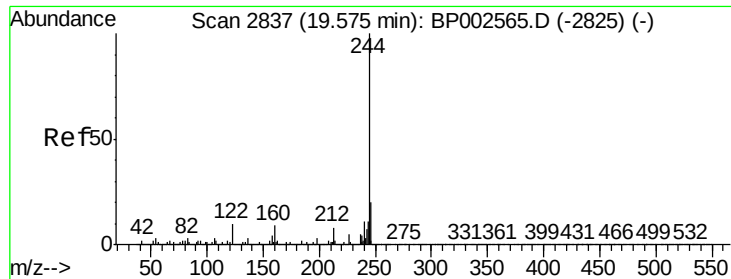


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 53.003 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002683.D

Acq: 08 Jul 2020 19:43

Instrument :

BNA_P

ClientSampleId :

RO-06

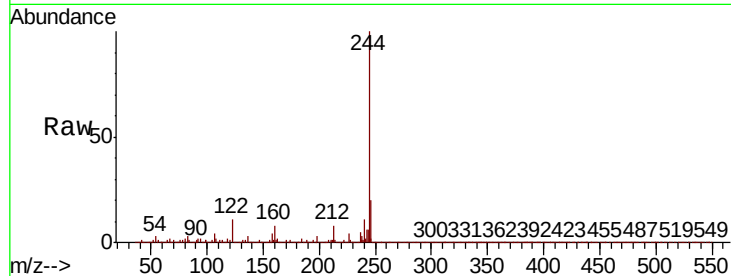
Tot Ion:244 Resp: 3411108

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

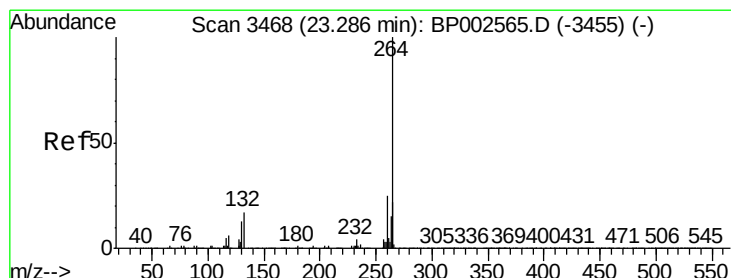
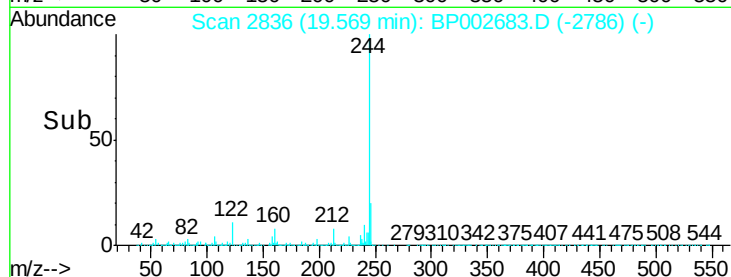
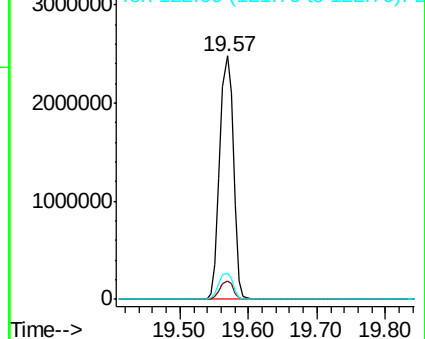
122 10.7 7.9 11.9



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: BP002683.D

Acq: 08 Jul 2020 19:43

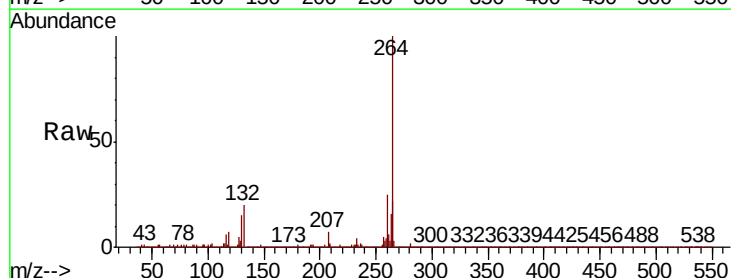
Tgt Ion:264 Resp: 1292922

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 22.4 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

