

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
 Data File : BP002663.D
 Acq On : 07 Jul 2020 18:05
 Operator : CG/JU
 Sample : L3208-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT-4743

Quant Time: Jul 08 01:49:40 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

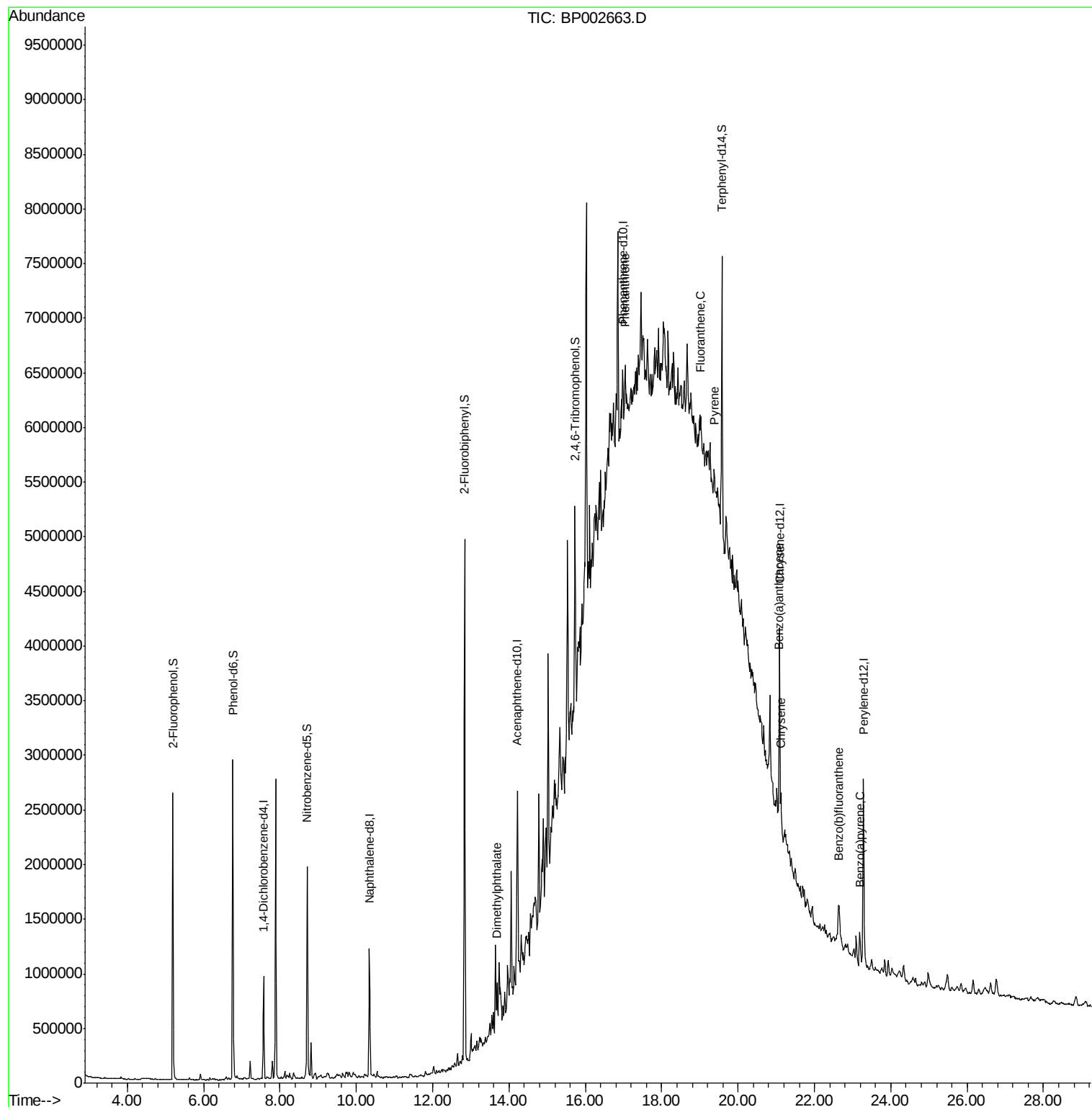
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	237899	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	915337	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	538886	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	547198	20.00	ng	0.00
76) Chrysene-d12	21.09	240	938772	20.00	ng	0.00
86) Perylene-d12	23.28	264	1269456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1193876	84.97	ng	0.00
7) Phenol-d6	6.76	99	1817695	92.68	ng	0.00
23) Nitrobenzene-d5	8.71	82	1152928	64.90	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	419065	63.94	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2741583	74.88	ng	0.00
79) Terphenyl-d14	19.57	244	1876517	43.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.68	163	231910	5.479	ng	# 99
71) Phenanthrene	17.03	178	133179	4.524	ng	# 44
75) Fluoranthene	19.02	202	180447	5.063	ng	# 85
78) Pyrene	19.37	202	185422	2.902	ng	# 90
81) Benzo(a)anthracene	21.07	228	168833	2.751	ng	# 97
83) Chrysene	21.13	228	192945	3.278	ng	# 95
88) Benzo(b)fluoranthene	22.63	252	317679	3.922	ng	# 92
90) Benzo(a)pyrene	23.19	252	196606	2.645	ng	# 91

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

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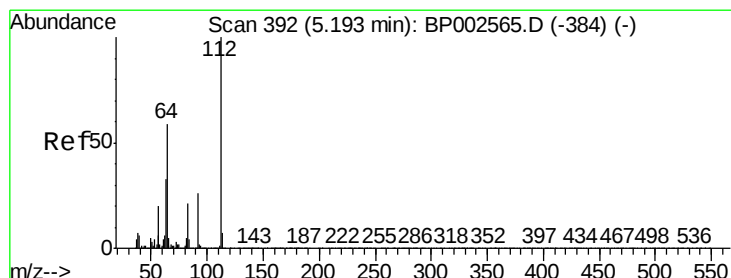
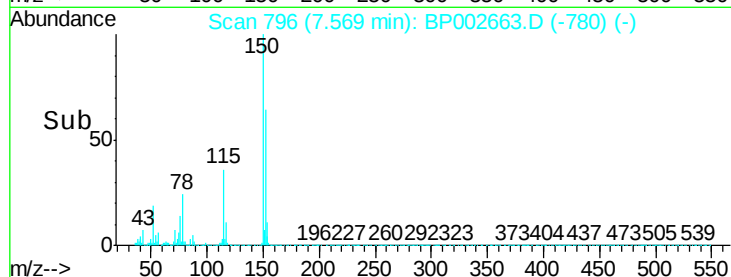
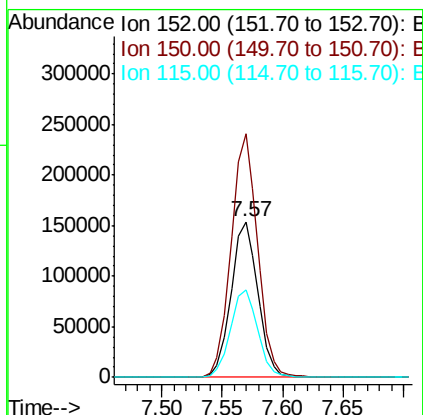
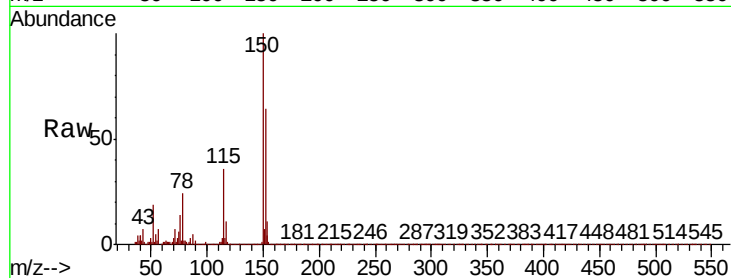


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002663.D
Acq: 07 Jul 2020 18:05

Instrument :
BNA_P
ClientSampleId :
RT-4743

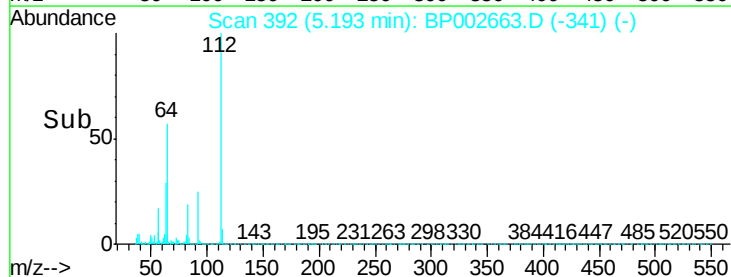
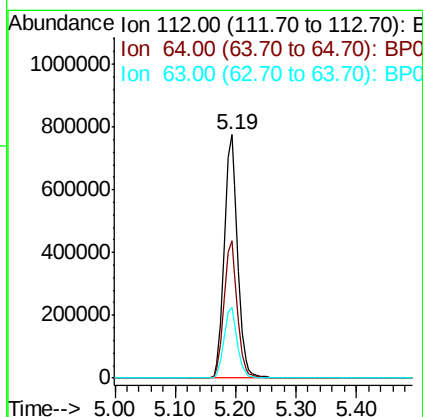
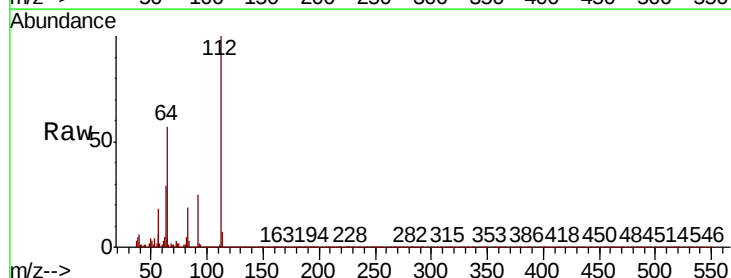
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.2	186.2
115	56.0	47.1	70.7

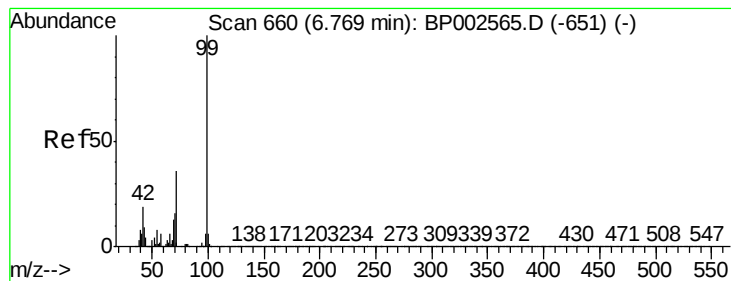


#5

2-Fluorophenol
Concen: 84.967 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002663.D
Acq: 07 Jul 2020 18:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.0	70.6
63	29.2	26.1	39.1





#7

Phenol-d6

Concen: 92.685 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002663.D

Acq: 07 Jul 2020 18:05

Instrument :

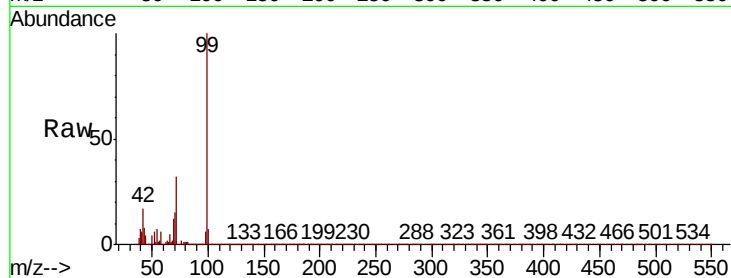
BNA_P

ClientSampleId :

RT-4743

Tot Ion: 99 Resp: 1817695

Ion	Ratio	Lower	Upper
99	100		
42	16.9	15.5	23.3
71	31.7	28.9	43.3

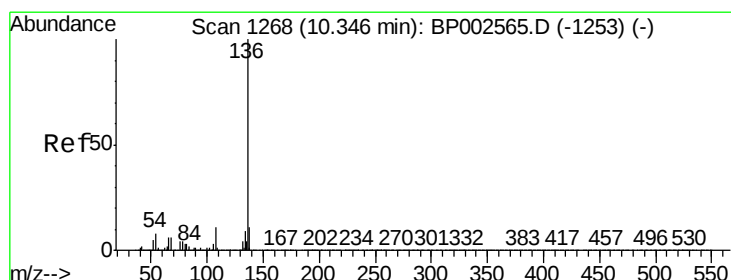
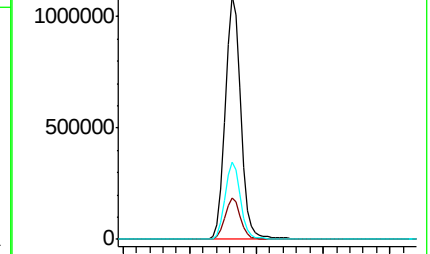
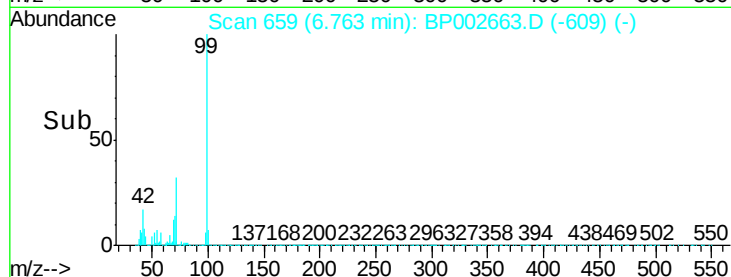


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

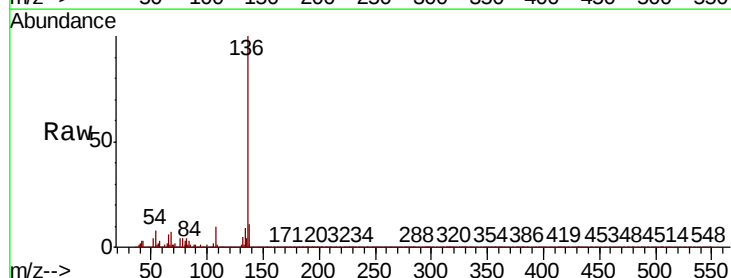
Delta R.T. -0.01 min

Lab File: BP002663.D

Acq: 07 Jul 2020 18:05

Tgt Ion: 136 Resp: 915337

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	6.4	9.6
68	6.9	5.1	7.7



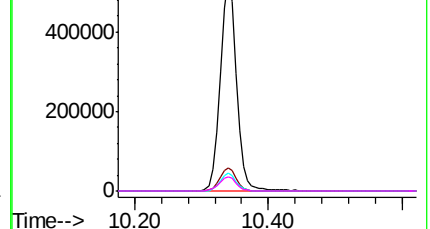
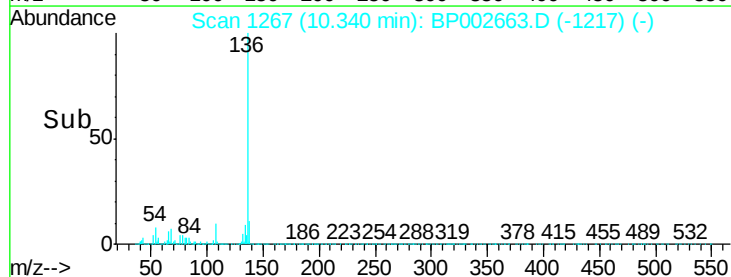
Abundance

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

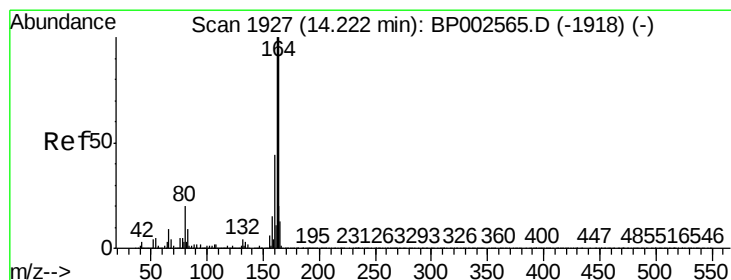
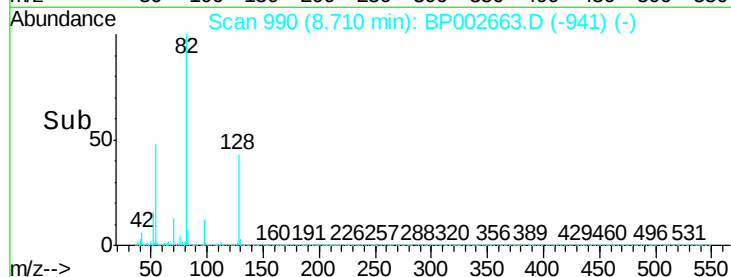
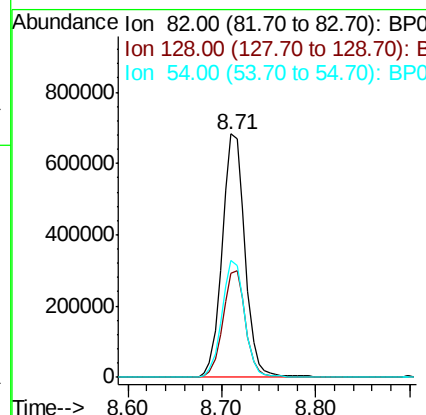
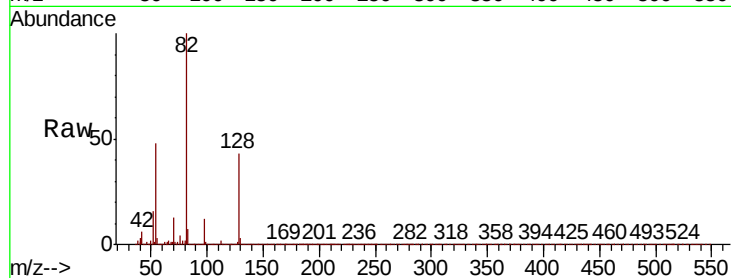




#23
 Nitrobenzene-d5
 Concen: 64.900 ng
 RT: 8.71 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BP002663.D
 Acq: 07 Jul 2020 18:05

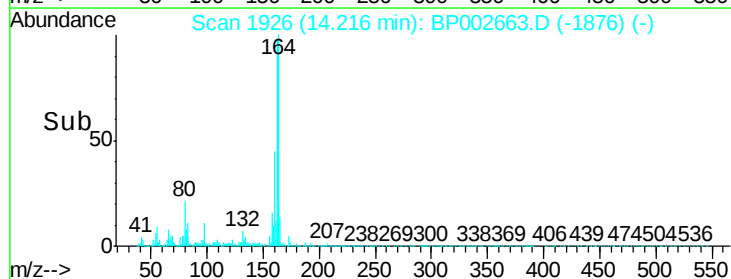
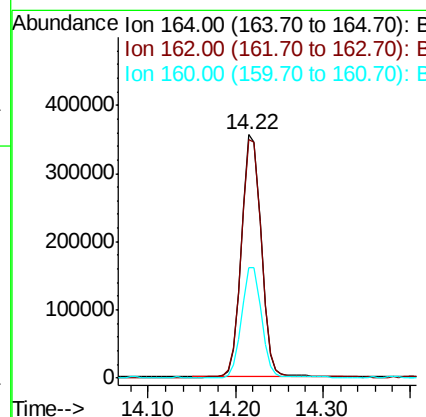
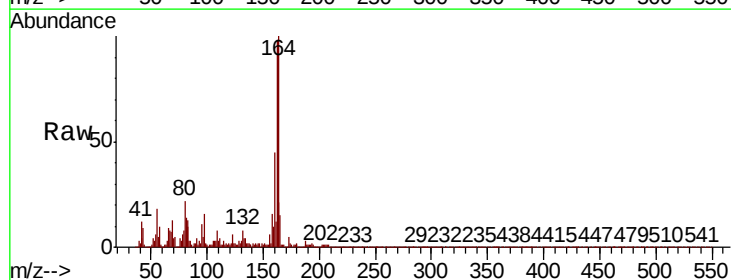
Instrument :
 BNA_P
 ClientSampleId :
 RT-4743

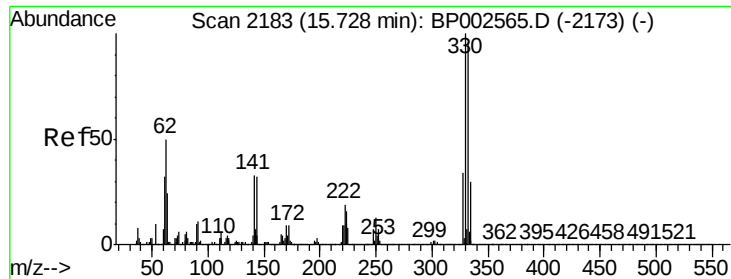
Tot Ion: 82 Resp: 1152928
 Ion Ratio Lower Upper
 82 100
 128 42.8 33.4 50.2
 54 48.1 40.1 60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BP002663.D
 Acq: 07 Jul 2020 18:05

Tgt Ion:164 Resp: 538886
 Ion Ratio Lower Upper
 164 100
 162 98.0 80.3 120.5
 160 45.3 35.0 52.6

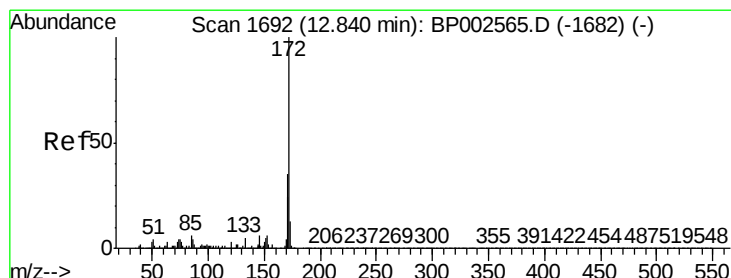
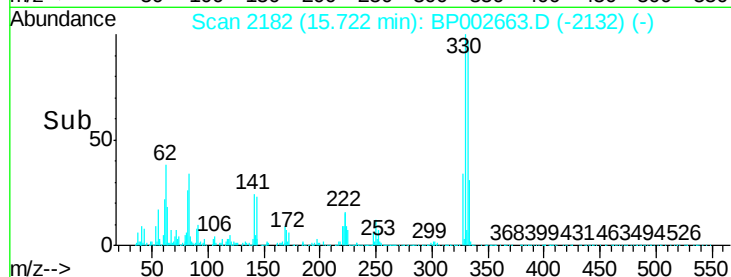
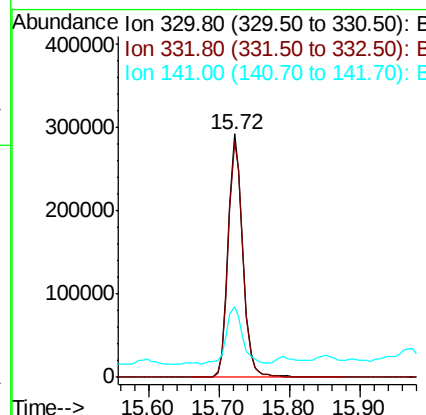
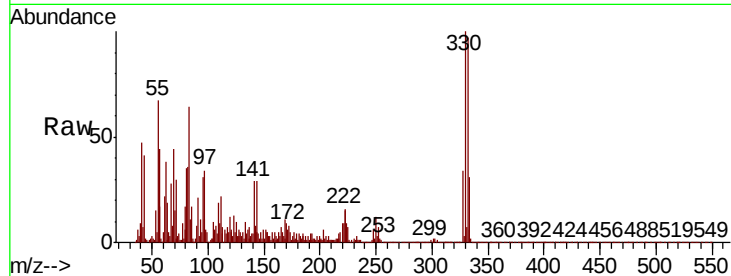




#42
 2,4,6-Tribromophenol
 Concen: 63.937 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002663.D
 Acq: 07 Jul 2020 18:05

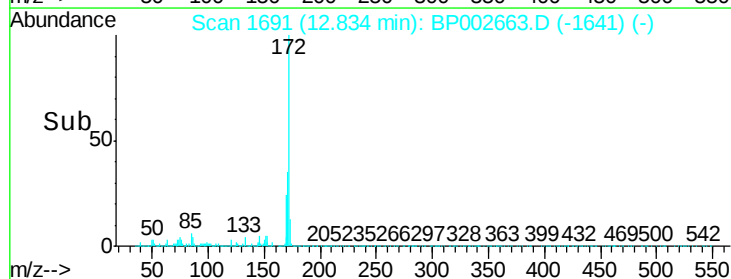
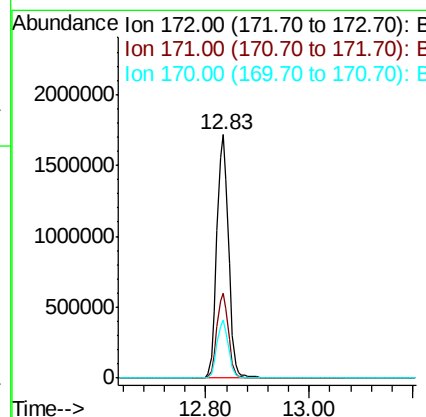
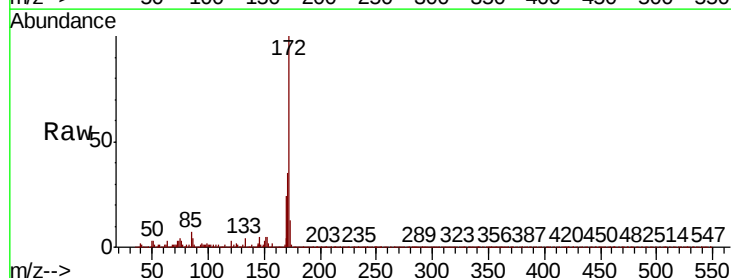
Instrument :
 BNA_P
 ClientSampleId :
 RT-4743

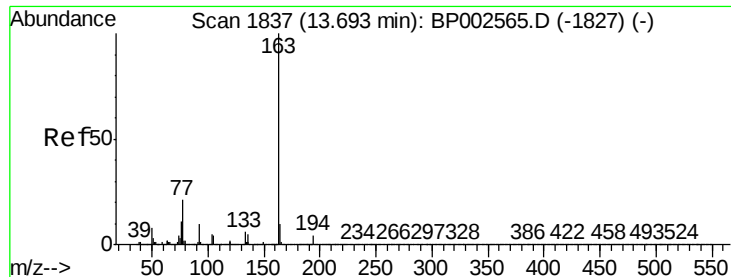
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.7	116.5
141	25.3	29.0	43.6#



#45
 2-Fluorobiphenyl
 Concen: 74.880 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002663.D
 Acq: 07 Jul 2020 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	23.6	19.0	28.4





#50

Dimethylphthalate

Concen: 5.479 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002663.D

Acq: 07 Jul 2020 18:05

Instrument :

BNA_P

ClientSampleId :

RT-4743

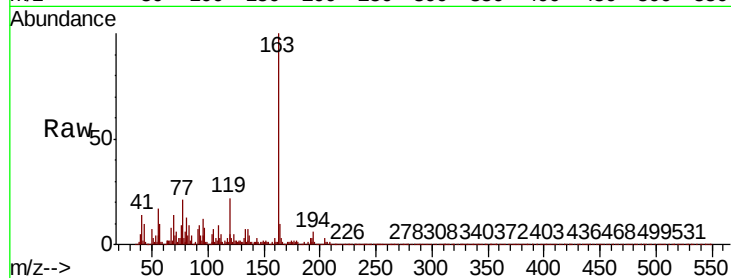
Tot Ion:163 Resp: 231910

Ion Ratio Lower Upper

163 100

194 5.5 3.4 5.0#

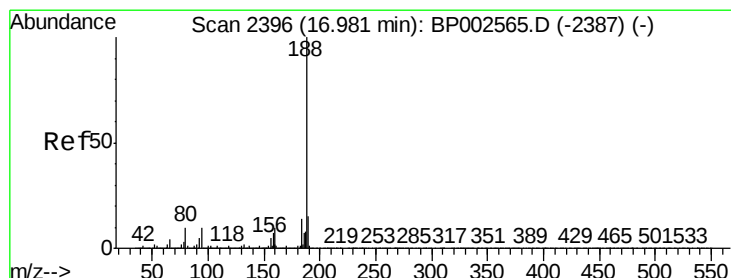
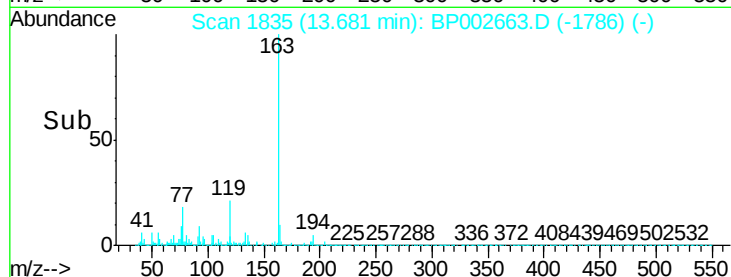
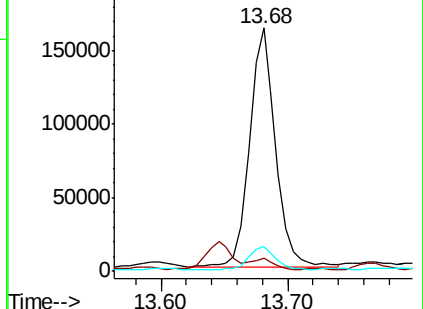
164 10.4 8.2 12.4



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BP002663.D

Acq: 07 Jul 2020 18:05

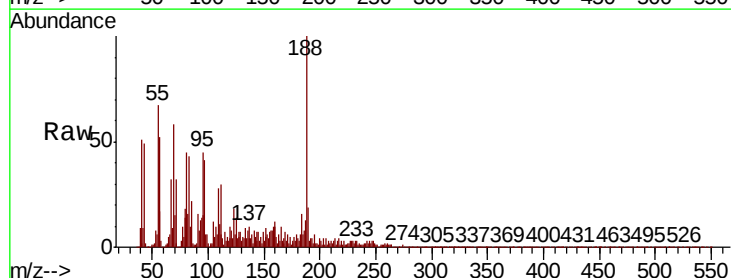
Tgt Ion:188 Resp: 547198

Ion Ratio Lower Upper

188 100

94 13.7 7.8 11.6#

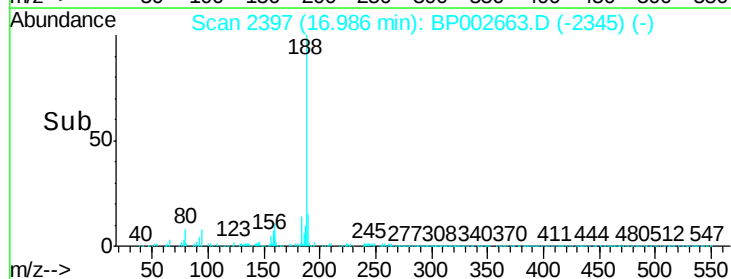
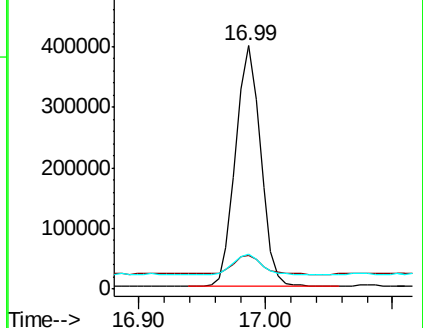
80 14.2 8.2 12.4#

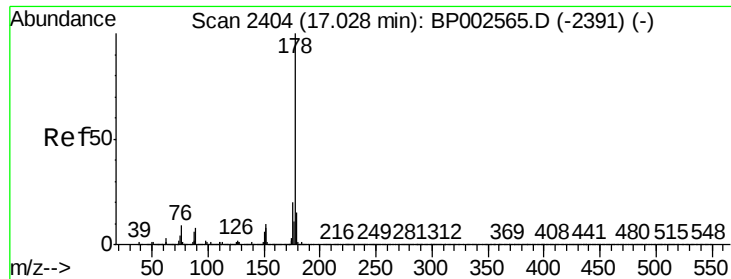


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

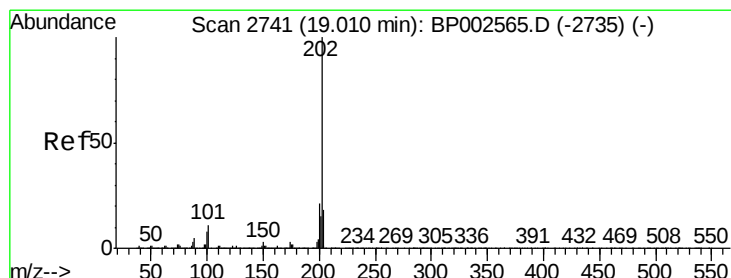
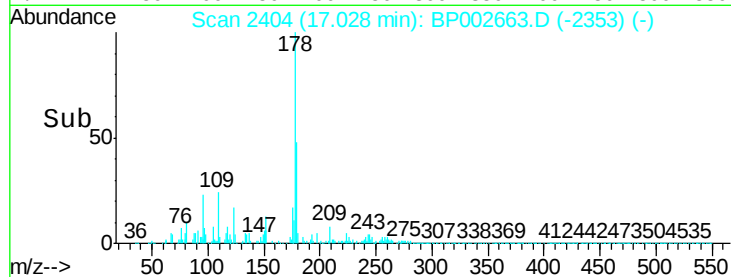
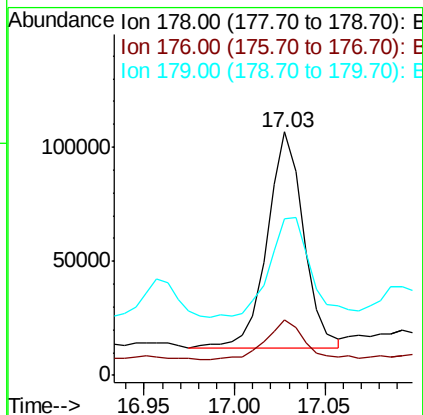
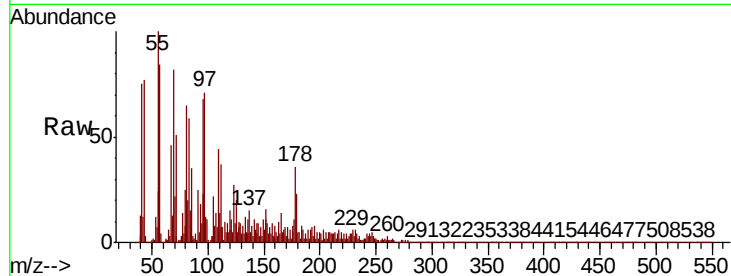




#71
Phenanthrene
Concen: 4.524 ng
RT: 17.03 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BP002663.D
Acq: 07 Jul 2020 18:05

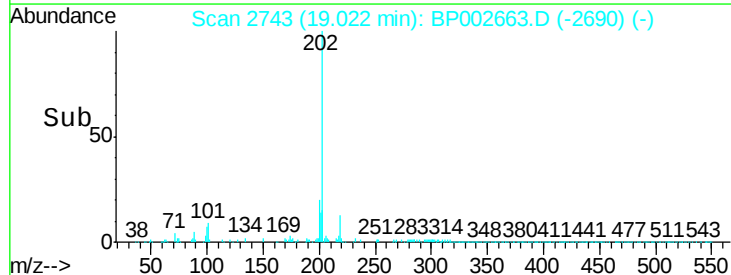
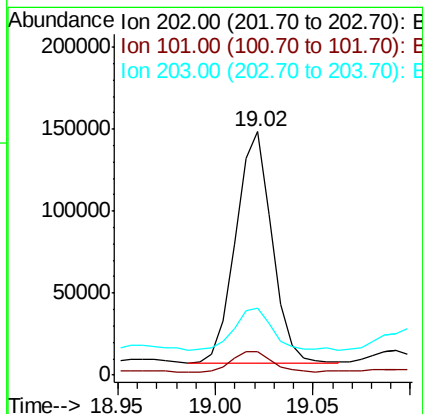
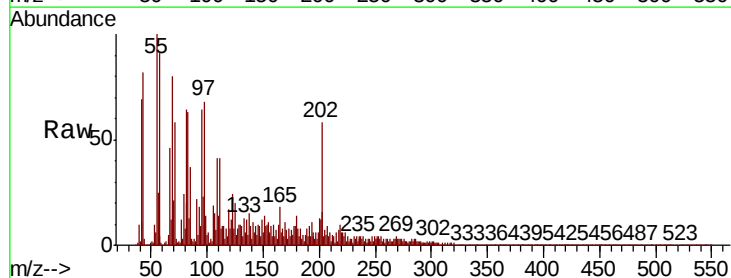
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RT-4743

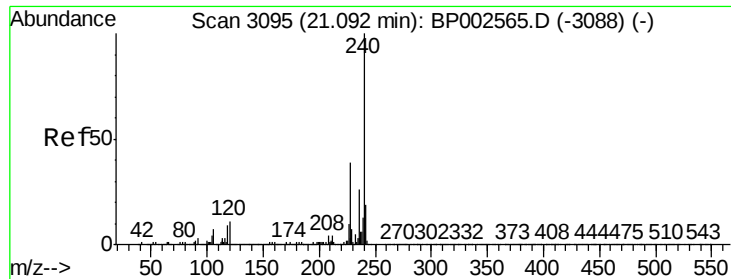
Tot Ion:178 Resp: 133179
Ion Ratio Lower Upper
178 100
176 23.0 15.6 23.4
179 64.4 12.1 18.1#



#75
Fluoranthene
Concen: 5.063 ng
RT: 19.02 min Scan# 2743
Delta R.T. 0.01 min
Lab File: BP002663.D
Acq: 07 Jul 2020 18:05

Tgt Ion:202 Resp: 180447
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.6
203 27.4 0.0 37.7

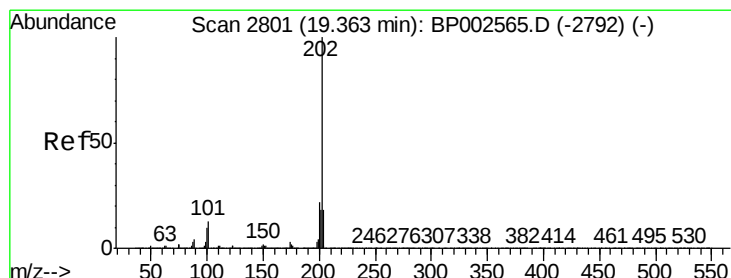
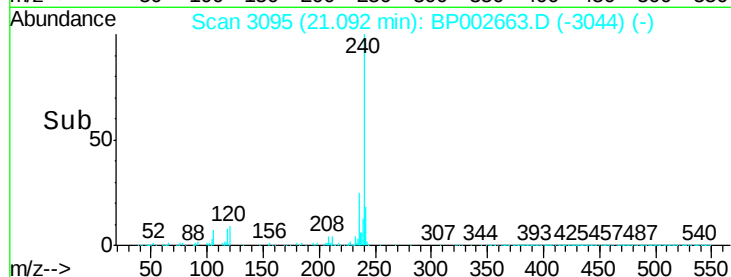
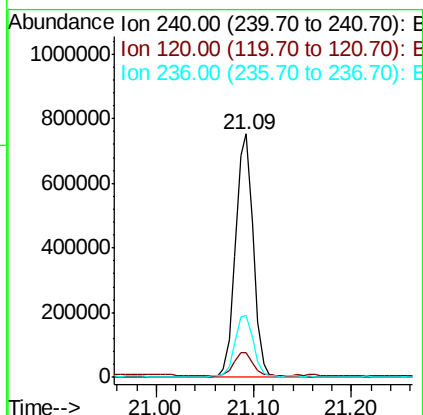
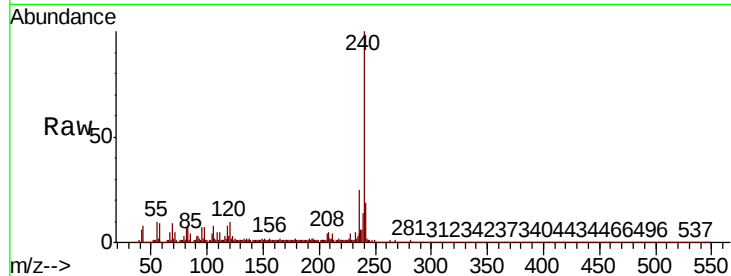




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BP002663.D
Acq: 07 Jul 2020 18:05

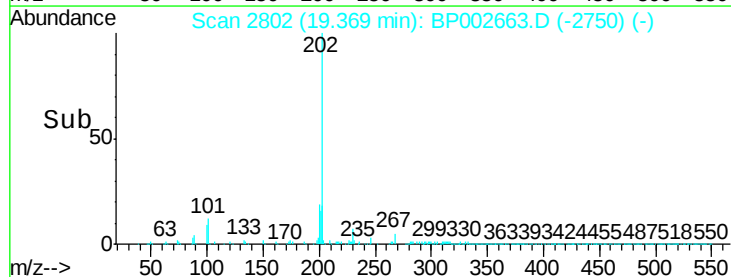
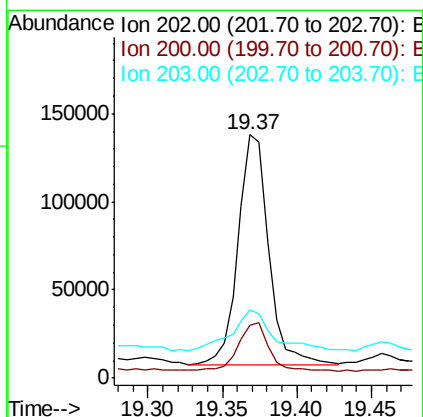
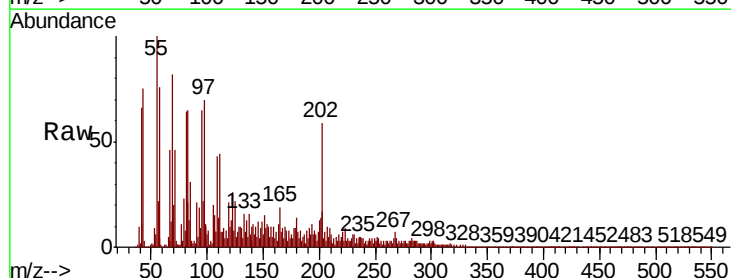
Instrument :
BNA_P
ClientSampleId :
RT-4743

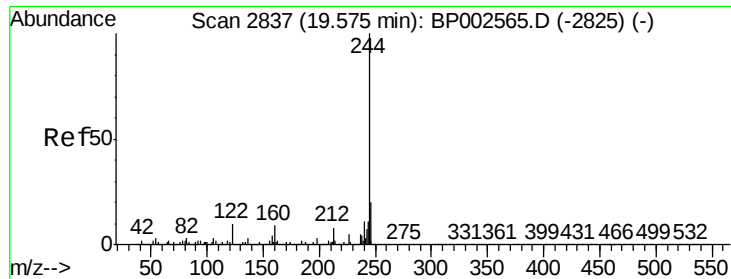
Tot Ion:240 Resp: 938772
Ion Ratio Lower Upper
240 100
120 10.0 8.6 13.0
236 25.4 20.8 31.2



#78
Pyrene
Concen: 2.902 ng
RT: 19.37 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BP002663.D
Acq: 07 Jul 2020 18:05

Tgt Ion:202 Resp: 185422
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 27.9 14.4 21.6#



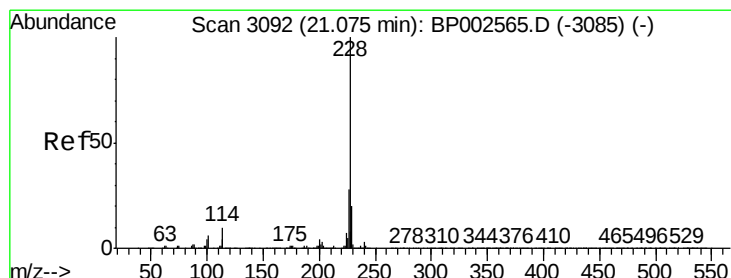
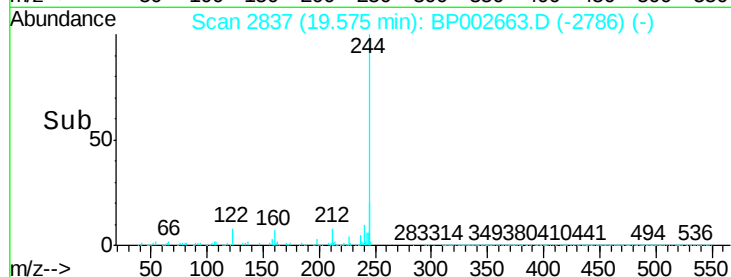
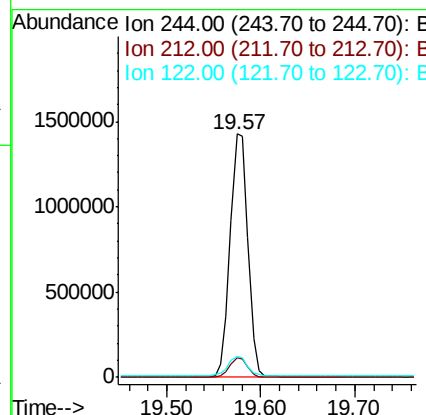
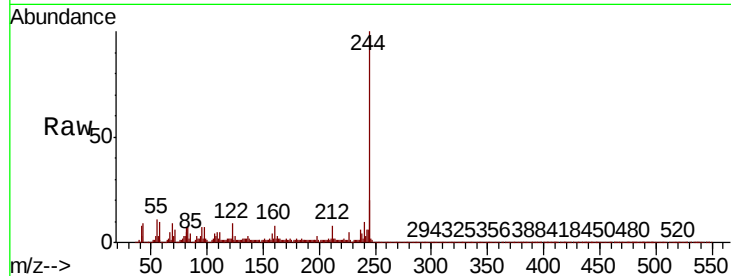


#79
 Terphenyl-d14
 Concen: 43.146 ng
 RT: 19.57 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BP002663.D
 Acq: 07 Jul 2020 18:05

Instrument :
 BNA_P
 ClientSampleId :
 RT-4743

Tot Ion:244 Resp: 1876517

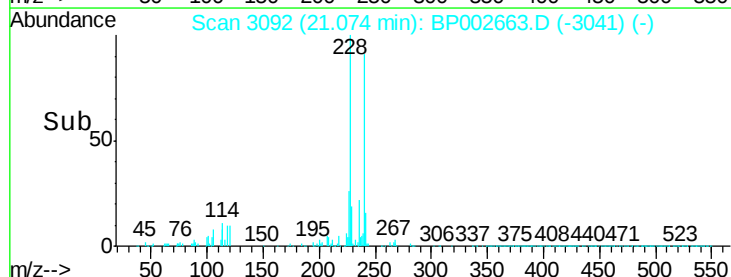
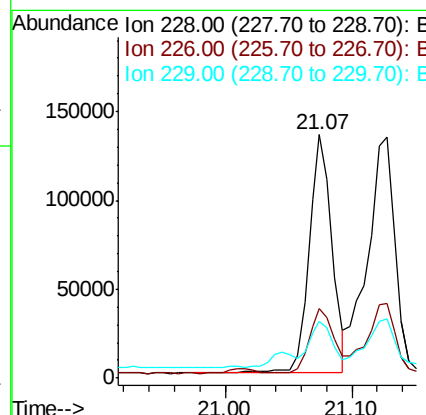
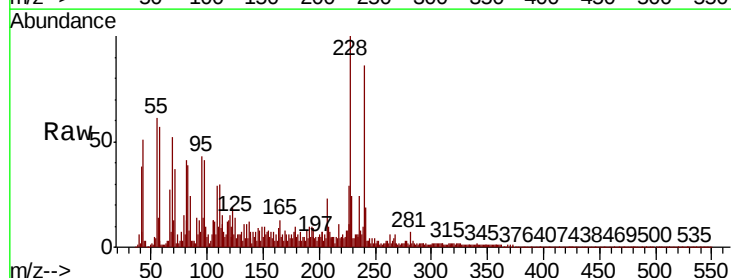
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	8.8	7.9	11.9

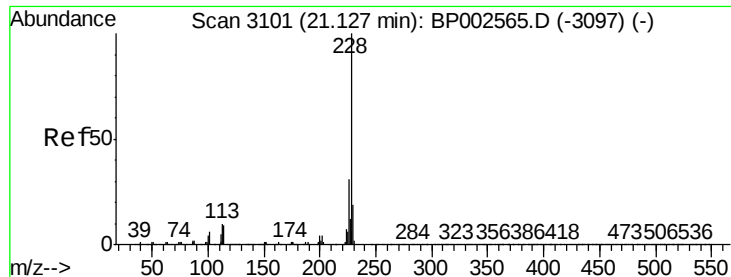


#81
 Benzo(a)anthracene
 Concen: 2.751 ng
 RT: 21.07 min Scan# 3092
 Delta R.T. -0.00 min
 Lab File: BP002663.D
 Acq: 07 Jul 2020 18:05

Tgt Ion:228 Resp: 168833

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.5	33.7
229	23.5	16.4	24.6

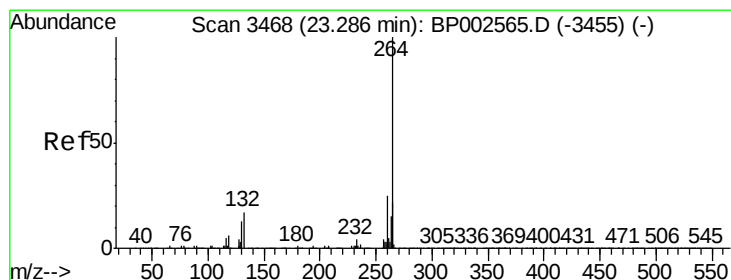
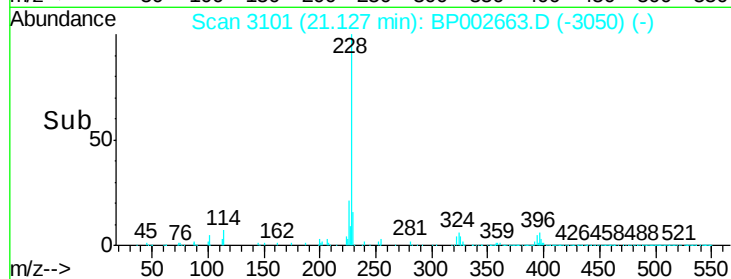
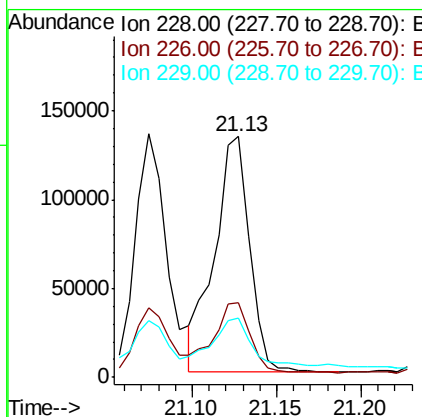
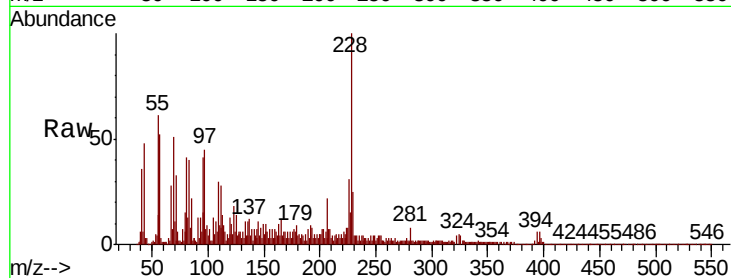




#83
Chrysene
Concen: 3.278 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BP002663.D
Acq: 07 Jul 2020 18:05

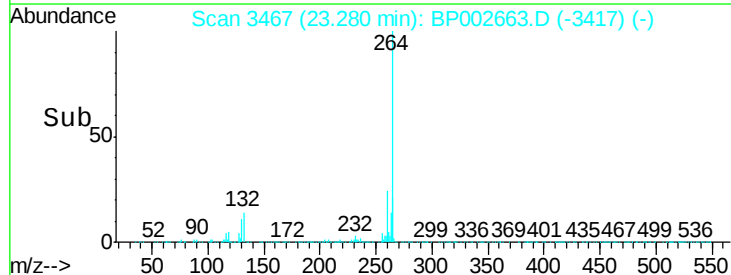
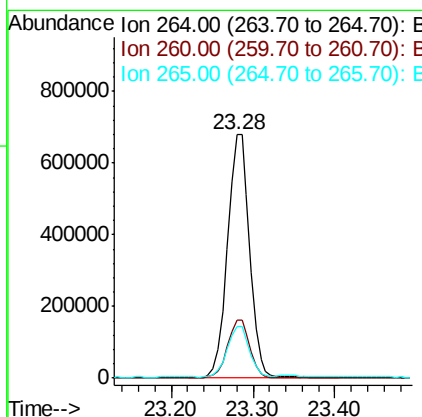
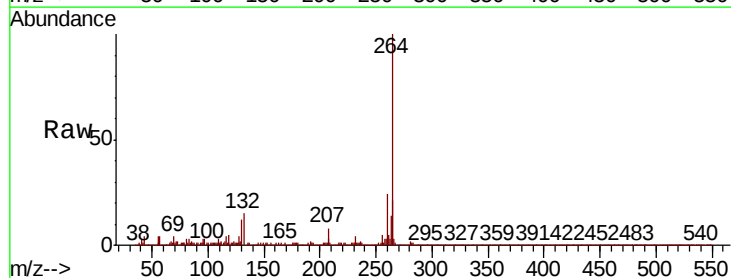
Instrument :
BNA_P
ClientSampleId :
RT-4743

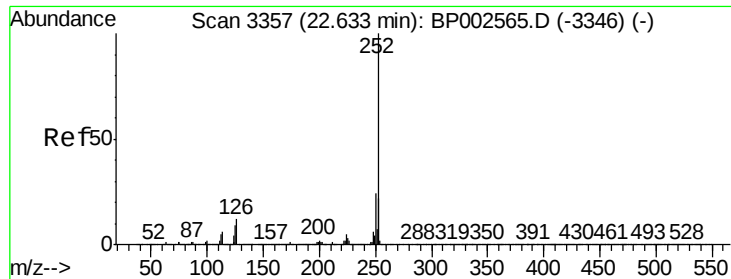
Tot Ion:228 Resp: 192945
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 24.8 15.6 23.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002663.D
Acq: 07 Jul 2020 18:05

Tgt Ion:264 Resp: 1269456
Ion Ratio Lower Upper
264 100
260 23.9 19.7 29.5
265 21.2 17.6 26.4

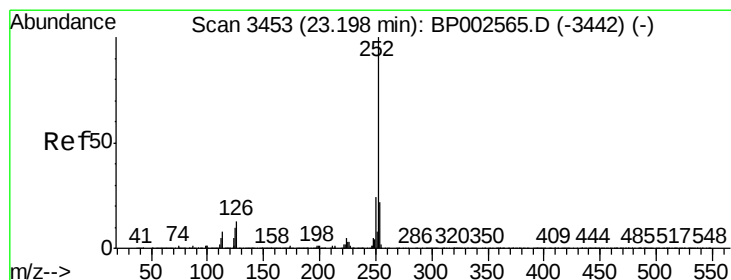
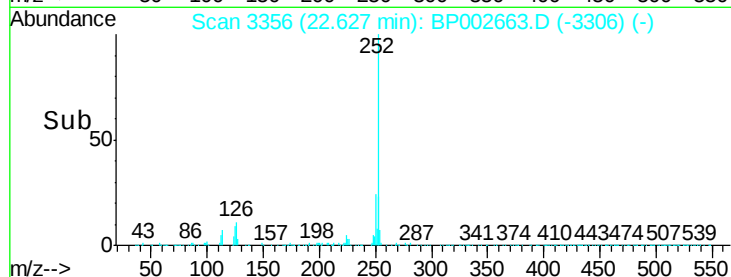
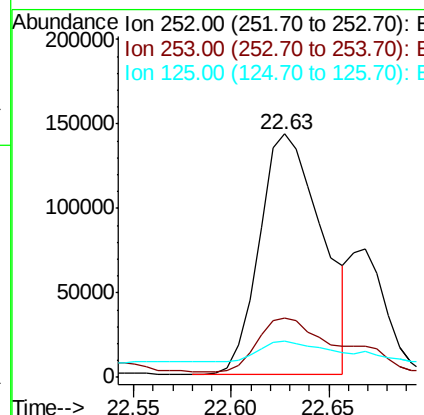
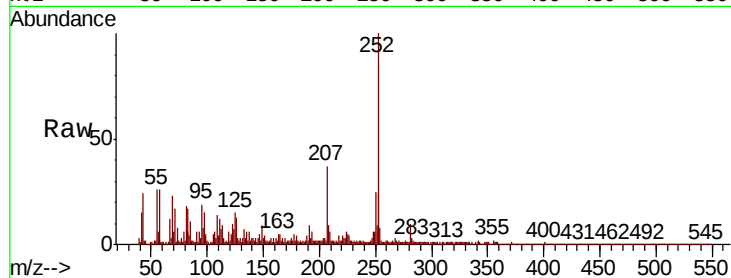




#88
Benzo(b)fluoranthene
Concen: 3.922 ng
RT: 22.63 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BP002663.D
Acq: 07 Jul 2020 18:05

Instrument :
BNA_P
ClientSampleId :
RT-4743

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.7	26.5
125	15.0	7.4	11.2



#90
Benzo(a)pyrene
Concen: 2.645 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002663.D
Acq: 07 Jul 2020 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	15.8	7.8	11.8

