

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
 Data File : BP003351.D
 Acq On : 22 Sep 2020 22:01
 Operator : CG/JU
 Sample : L4103-11 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T-1

Quant Time: Sep 23 03:35:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

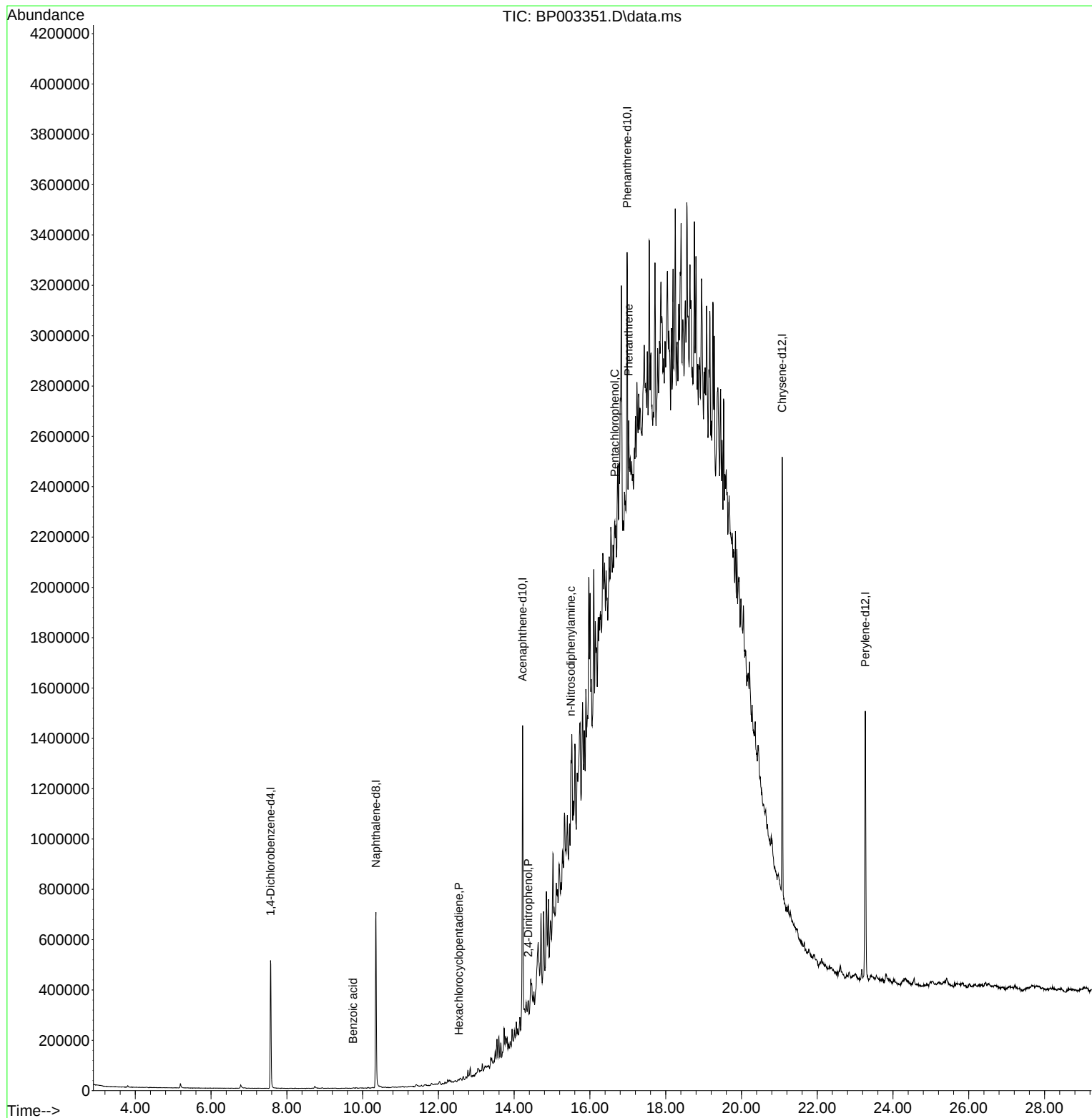
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	149908	20.00	ng	0.00
21) Naphthalene-d8	10.352	136	621710	20.00	ng	# 0.00
39) Acenaphthene-d10	14.222	164	382707	20.00	ng	0.00
64) Phenanthrene-d10	16.981	188	713754	20.00	ng	# 0.00
76) Chrysene-d12	21.075	240	795285	20.00	ng	0.00
86) Perylene-d12	23.269	264	748803	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	11216	1.31	ng	0.00
7) Phenol-d6	6.781	99	12698	1.11	ng	0.01
23) Nitrobenzene-d5	8.740	82	7620	0.72	ng	0.02
42) 2,4,6-Tribromophenol	15.728	330	5604	0.96	ng	0.00
45) 2-Fluorobiphenyl	12.840	172	24895	0.95	ng	0.00
79) Terphenyl-d14	19.557	244	38173	1.00	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.746	122	28	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.540	237	10	6.84	ng	91
54) 2,4-Dinitrophenol	14.369	184	236	7.32	ng	# 1
66) n-Nitrosodiphenylamine	15.498	169	84468	4.03	ng	# 40
70) Pentachlorophenol	16.657	266	169	6.80	ng	# 42
71) Phenanthrene	17.022	178	134805	3.47	ng	# 77

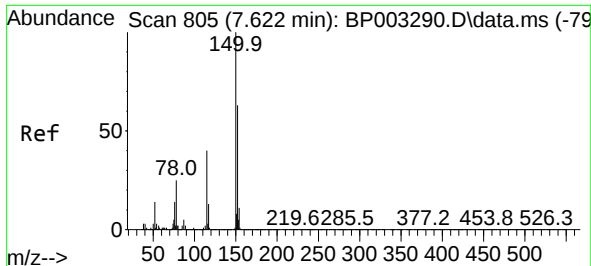
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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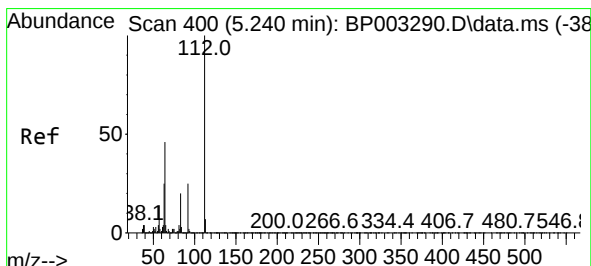
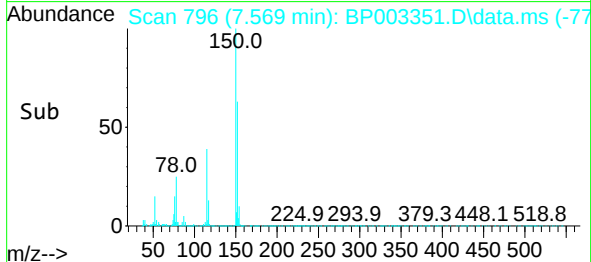
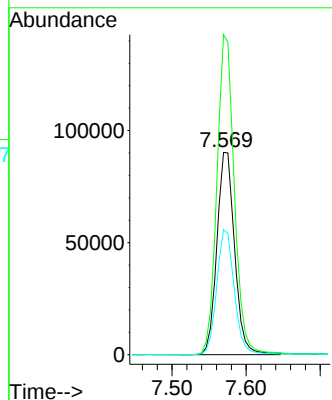
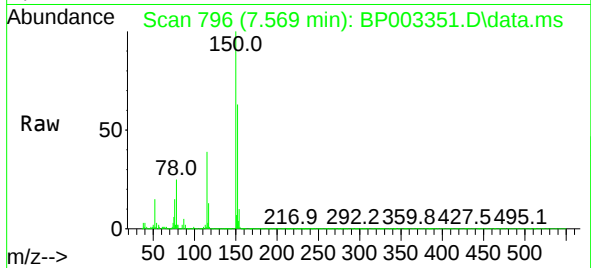




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.569 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP003351.D
Acq: 22 Sep 2020 22:01

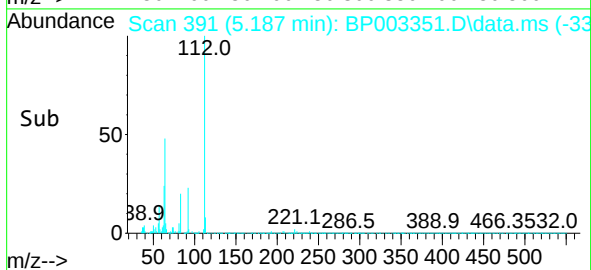
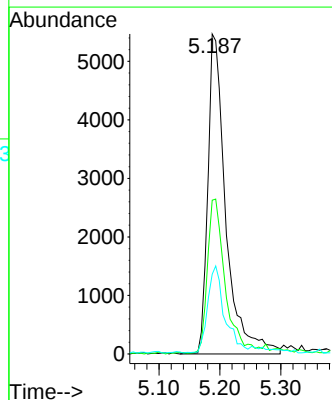
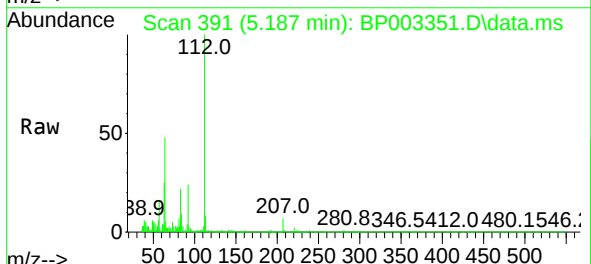
Instrument :
BNA_P
ClientSampleId :
T-1

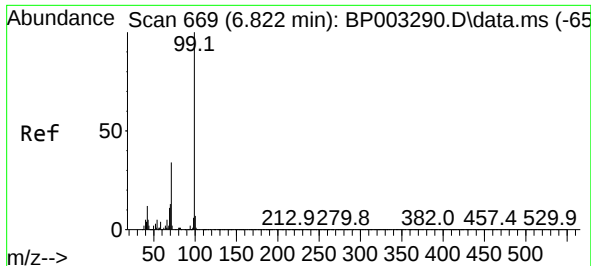
Tgt Ion:152 Resp: 149908
Ion Ratio Lower Upper
152 100
150 158.2 123.8 185.6
115 61.9 43.8 65.6



#5
2-Fluorophenol
Concen: 1.31 ng
RT: 5.187 min Scan# 391
Delta R.T. 0.006 min
Lab File: BP003351.D
Acq: 22 Sep 2020 22:01

Tgt Ion:112 Resp: 11216
Ion Ratio Lower Upper
112 100
64 48.1 32.8 49.2
63 24.9 17.0 25.4

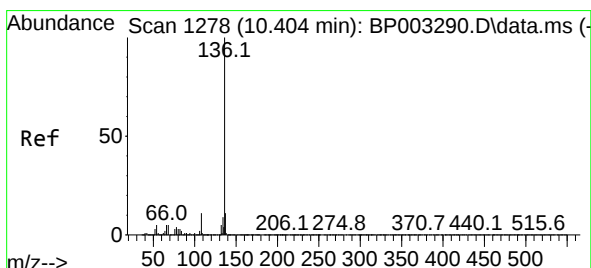
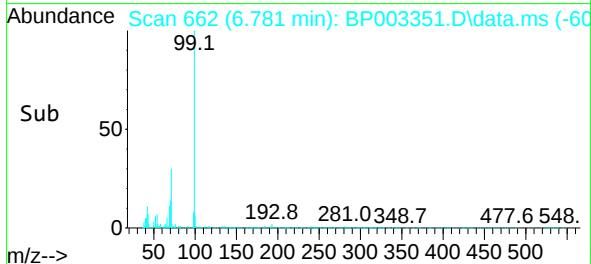
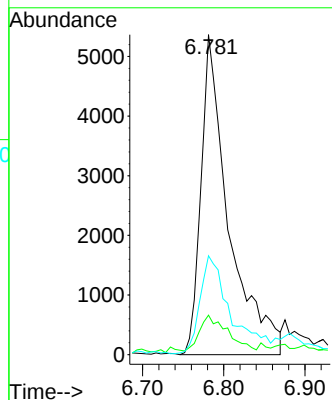
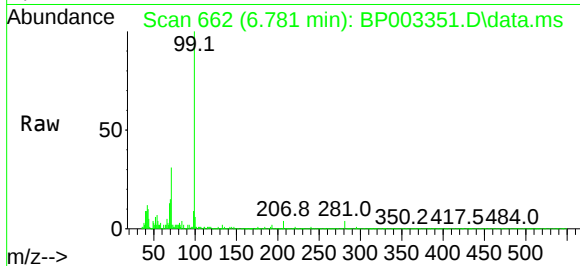




#7
Phenol-d6
Concen: 1.11 ng
RT: 6.781 min Scan# 662
Delta R.T. 0.012 min
Lab File: BP003351.D
Acq: 22 Sep 2020 22:01

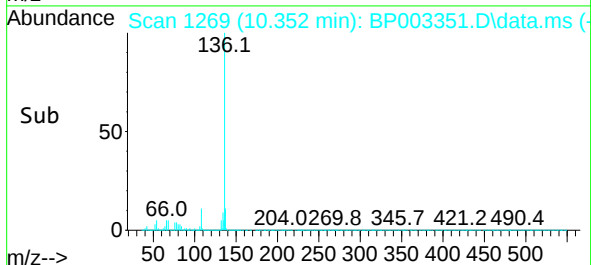
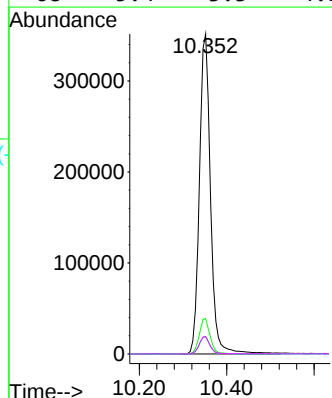
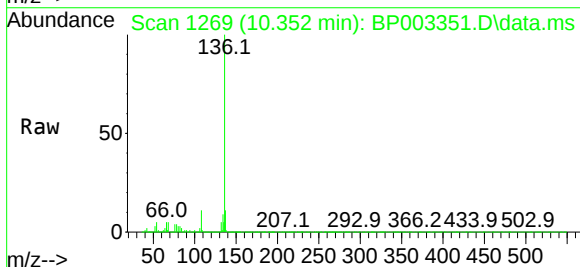
Instrument :
BNA_P
ClientSampleId :
T-1

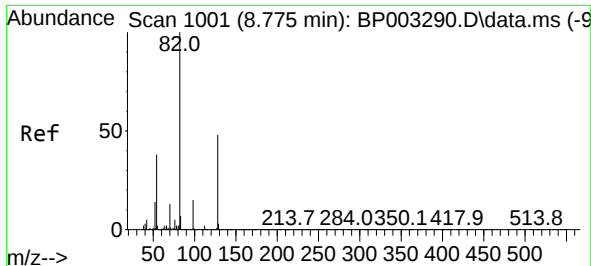
Tgt Ion: 99 Resp: 12698
Ion Ratio Lower Upper
99 100
42 12.4 8.6 13.0
71 30.9 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.352 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BP003351.D
Acq: 22 Sep 2020 22:01

Tgt Ion: 136 Resp: 621710
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 5.3 3.6 5.4
68 5.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 0.72 ng

RT: 8.740 min Scan# 995

Delta R.T. 0.018 min

Lab File: BP003351.D

Acq: 22 Sep 2020 22:01

Instrument :

BNA_P

ClientSampleId :

T-1

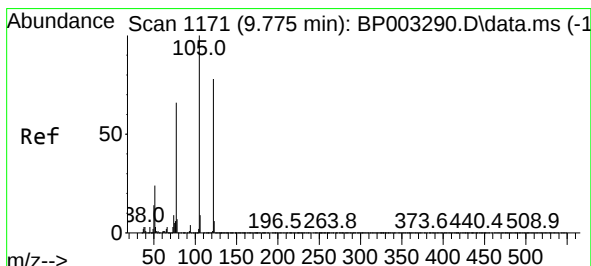
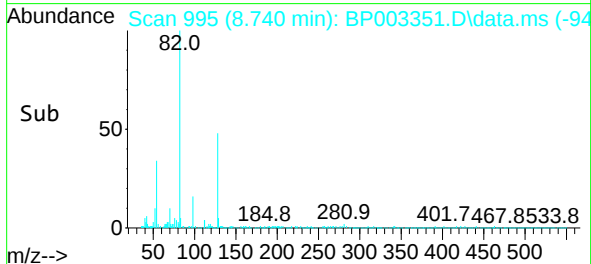
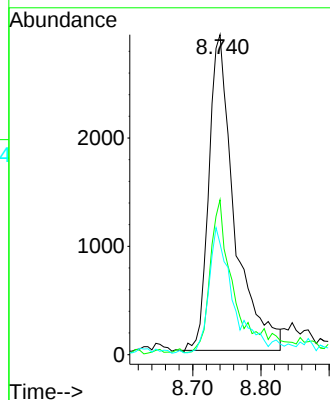
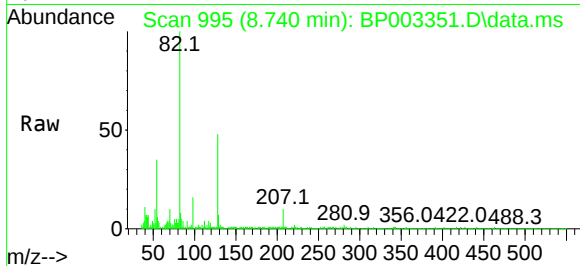
Tgt Ion: 82 Resp: 7620

Ion Ratio Lower Upper

82 100

128 48.4 45.6 68.4

54 34.7 30.1 45.1



#32

Benzoic acid

Concen: 9.16 ng

RT: 9.746 min Scan# 1166

Delta R.T. 0.024 min

Lab File: BP003351.D

Acq: 22 Sep 2020 22:01

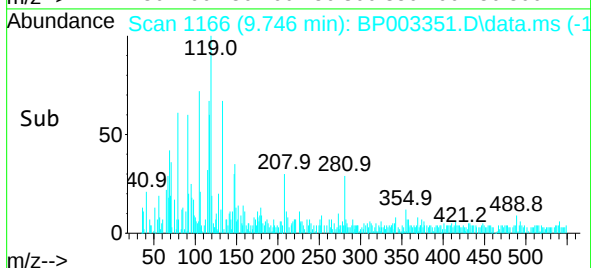
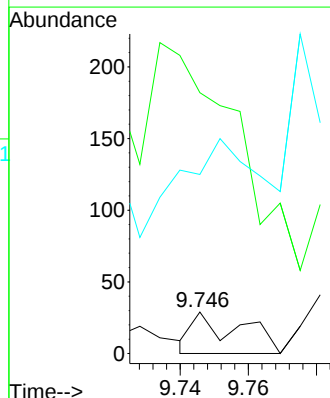
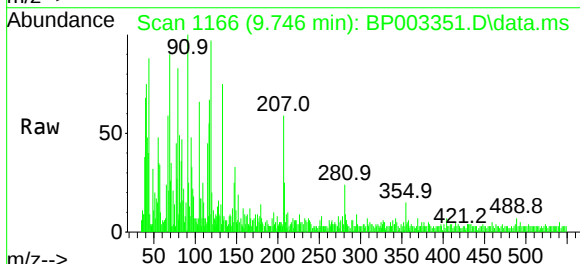
Tgt Ion: 122 Resp: 28

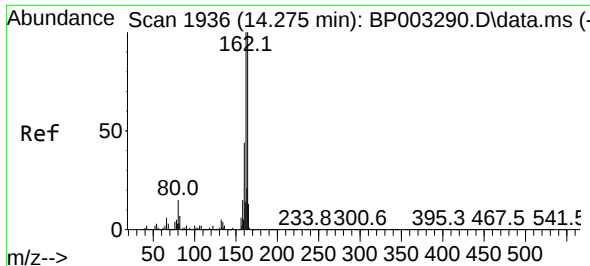
Ion Ratio Lower Upper

122 100

105 627.6 94.1 134.1#

77 431.0 50.1 90.1#

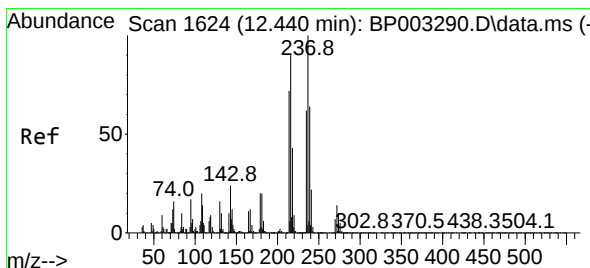
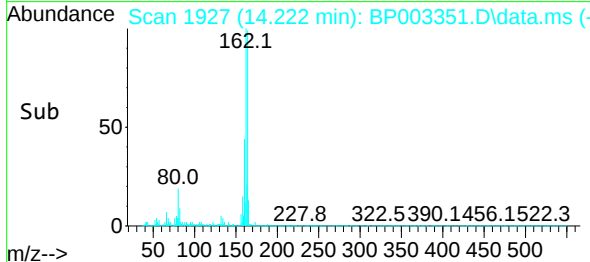
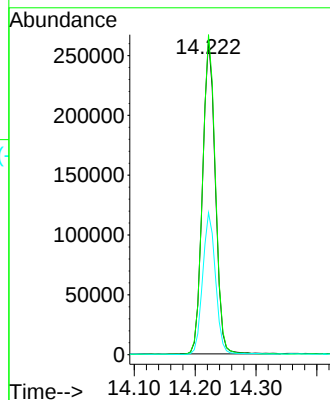
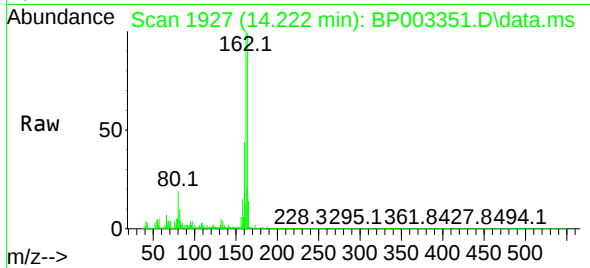




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.222 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BP003351.D
Acq: 22 Sep 2020 22:01

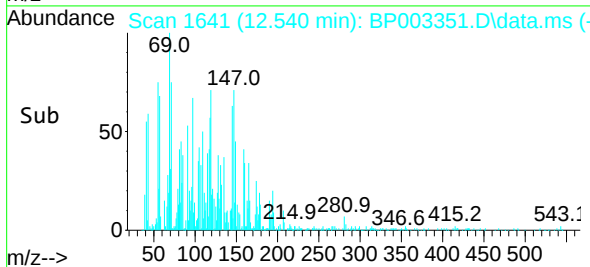
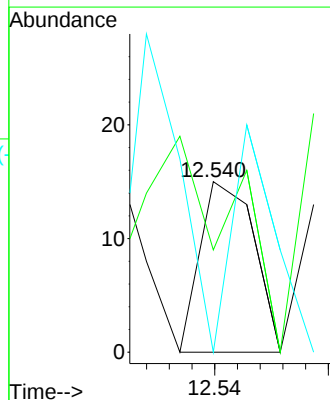
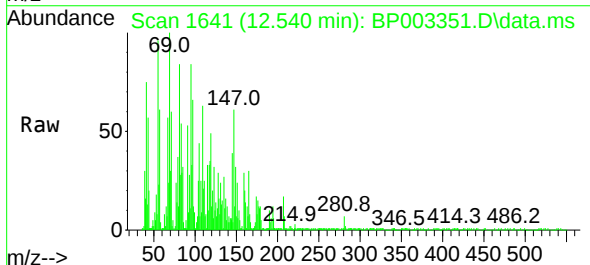
Instrument :
BNA_P
ClientSampleId :
T-1

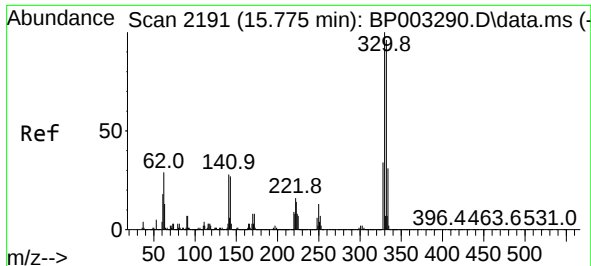
Tgt Ion:164 Resp: 382707
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.2
160 45.0 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.540 min Scan# 1641
Delta R.T. 0.159 min
Lab File: BP003351.D
Acq: 22 Sep 2020 22:01

Tgt Ion:237 Resp: 10
Ion Ratio Lower Upper
237 100
235 60.0 43.2 83.2
272 0.0 0.0 33.3

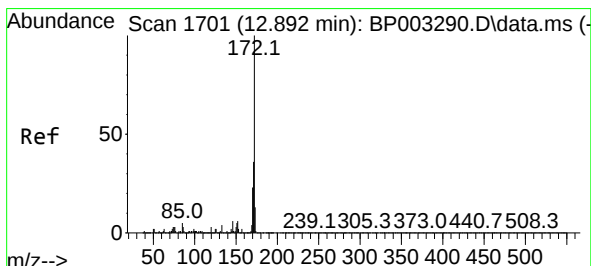
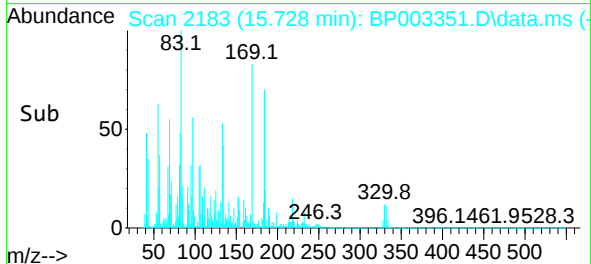
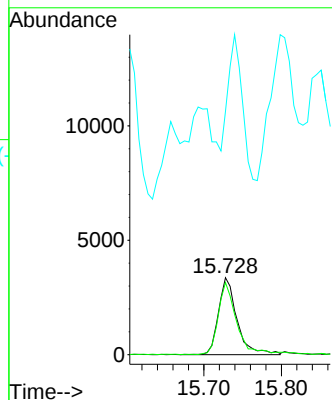
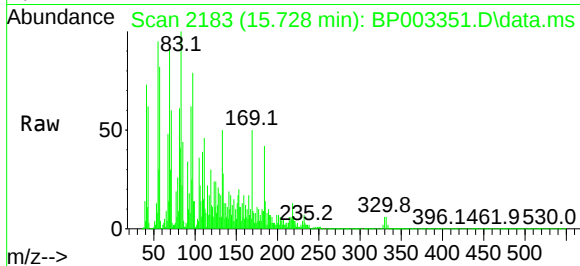




#42
2,4,6-Tribromophenol
Concen: 0.96 ng
RT: 15.728 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BP003351.D
Acq: 22 Sep 2020 22:01

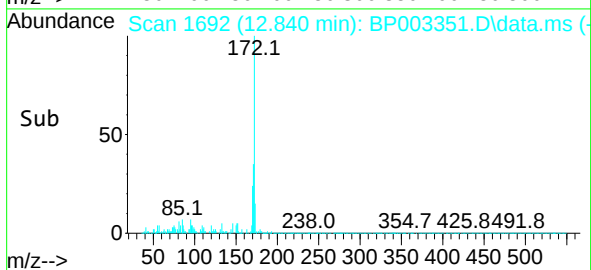
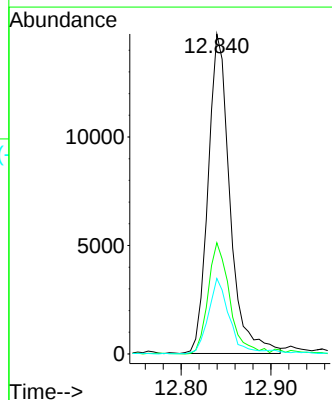
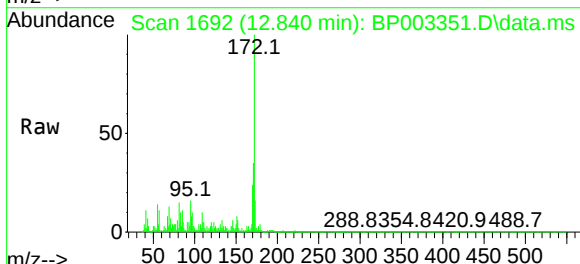
Instrument :
BNA_P
ClientSampleId :
T-1

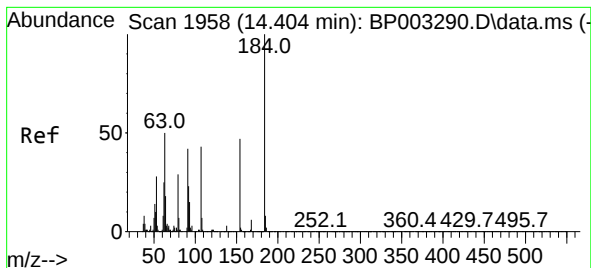
Tgt Ion:330 Resp: 5604
Ion Ratio Lower Upper
330 100
332 90.4 77.1 115.7
141 145.7 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 0.95 ng
RT: 12.840 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP003351.D
Acq: 22 Sep 2020 22:01

Tgt Ion:172 Resp: 24895
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.6 19.2 28.8

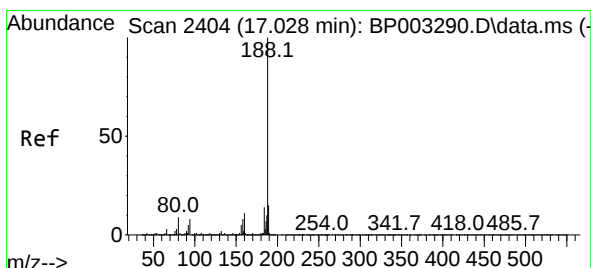
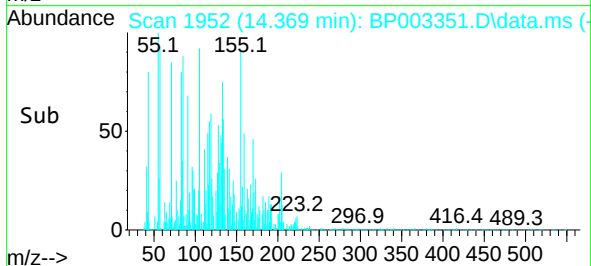
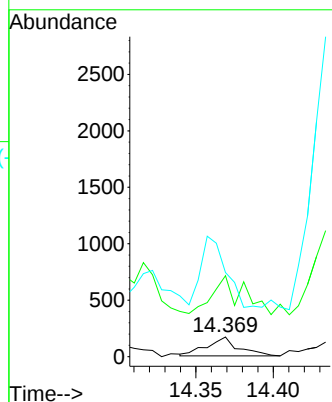
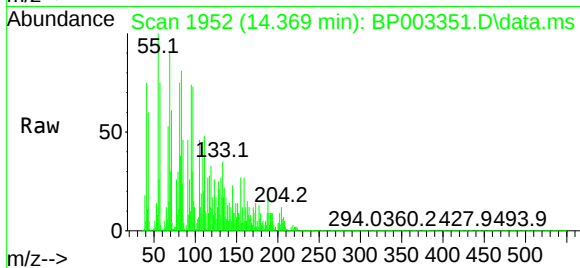




#54
2,4-Dinitrophenol
Concen: 7.32 ng
RT: 14.369 min Scan# 1952
Delta R.T. 0.012 min
Lab File: BP003351.D
Acq: 22 Sep 2020 22:01

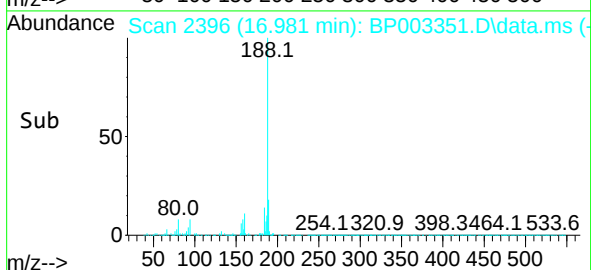
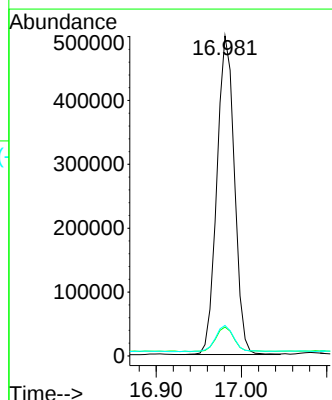
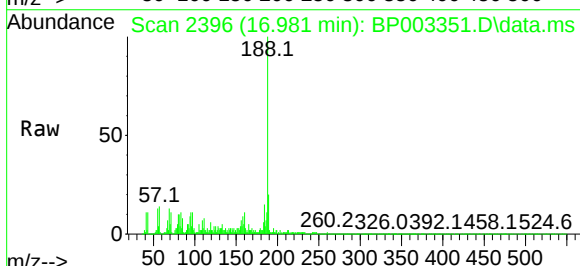
Instrument :
BNA_P
ClientSampled :
T-1

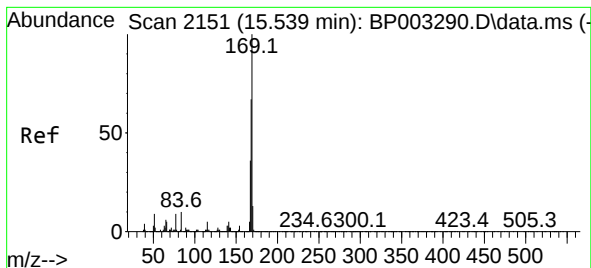
Tgt Ion:184 Resp: 236
Ion Ratio Lower Upper
184 100
63 412.1 32.3 48.5#
154 428.7 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.981 min Scan# 2396
Delta R.T. 0.006 min
Lab File: BP003351.D
Acq: 22 Sep 2020 22:01

Tgt Ion:188 Resp: 713754
Ion Ratio Lower Upper
188 100
94 9.1 6.2 9.2
80 9.5 6.2 9.2#

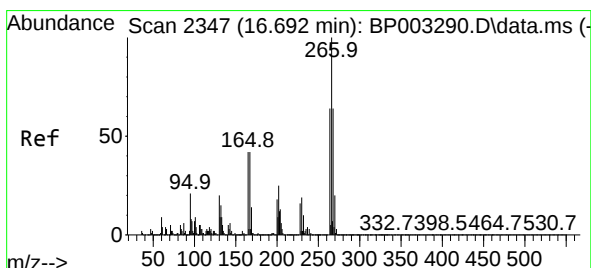
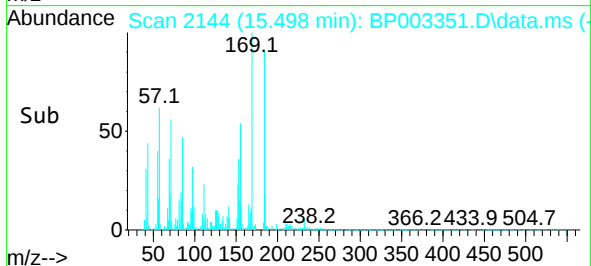
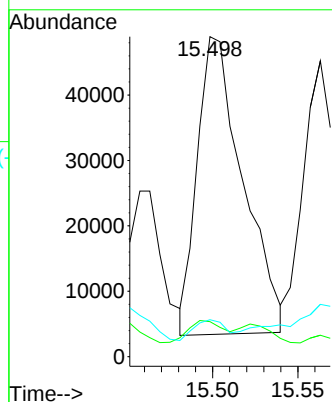
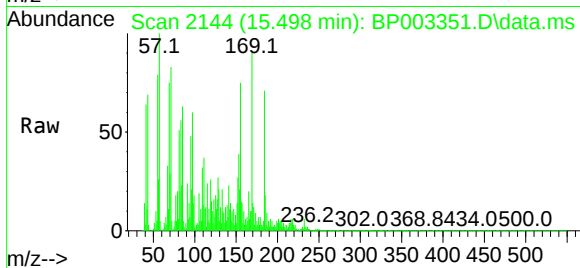




#66
n-Nitrosodiphenylamine
Concen: 4.03 ng
RT: 15.498 min Scan# 2144
Delta R.T. 0.012 min
Lab File: BP003351.D
Acq: 22 Sep 2020 22:01

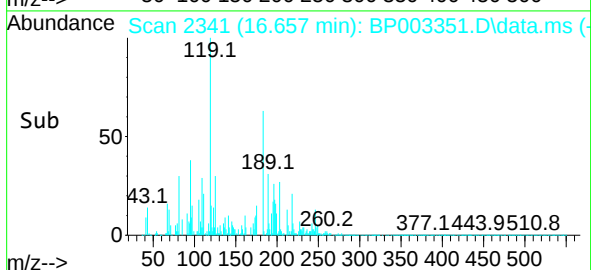
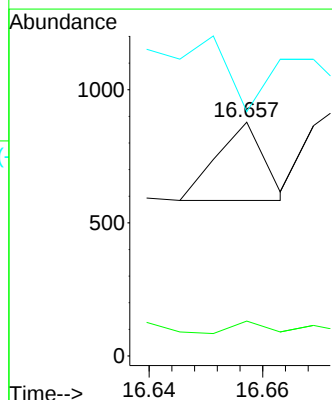
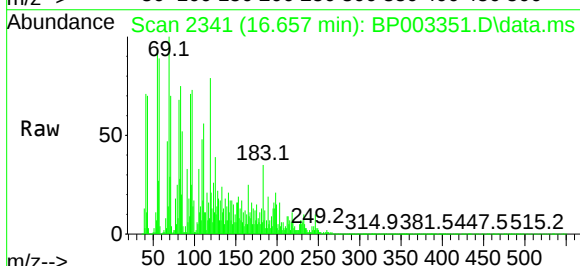
Instrument :
BNA_P
ClientSampled :
T-1

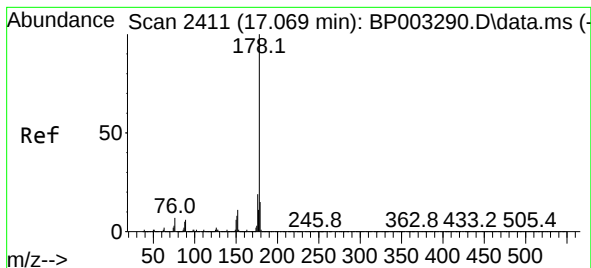
Tgt Ion:169	Resp:	84468
Ion Ratio	Lower	Upper
169	100	
168	10.9	53.8 80.6#
167	11.6	28.9 43.3#



#70
Pentachlorophenol
Concen: 6.80 ng
RT: 16.657 min Scan# 2341
Delta R.T. 0.018 min
Lab File: BP003351.D
Acq: 22 Sep 2020 22:01

Tgt Ion:266	Resp:	169
Ion Ratio	Lower	Upper
266	100	
268	14.9	51.1 76.7#
264	104.6	50.6 76.0#

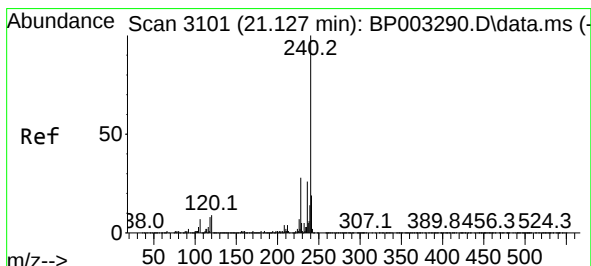
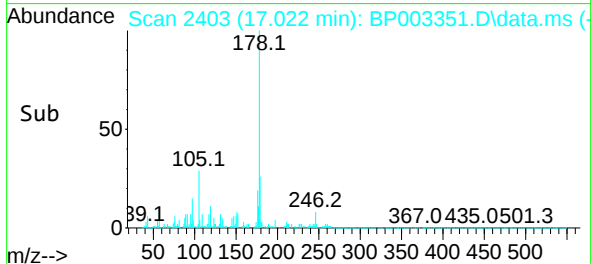
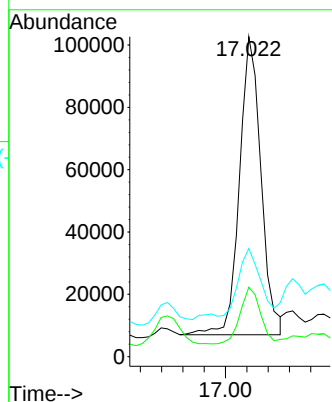
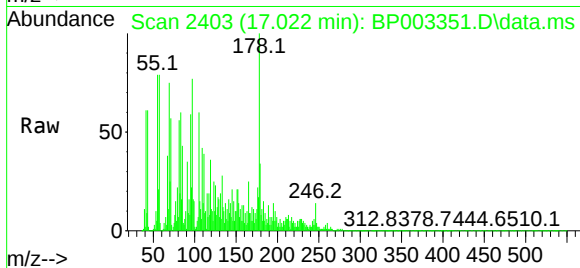




#71
Phenanthrene
Concen: 3.47 ng
RT: 17.022 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BP003351.D
Acq: 22 Sep 2020 22:01

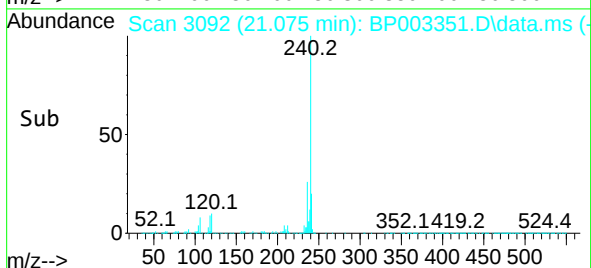
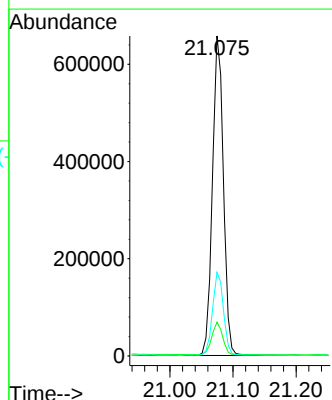
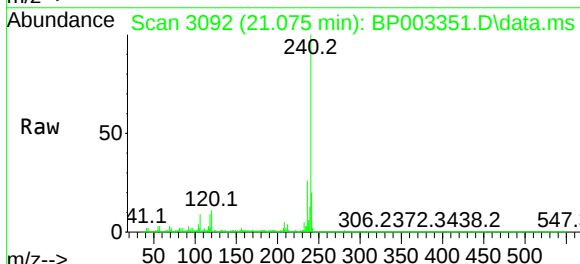
Instrument :
BNA_P
ClientSampled :
T-1

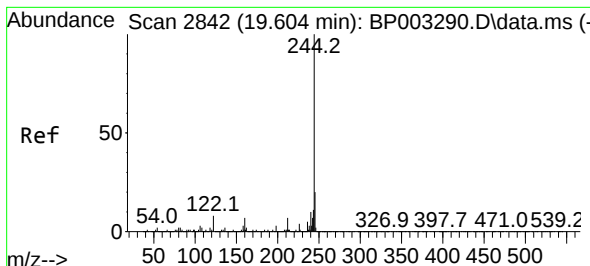
Tgt Ion:178 Resp: 134805
Ion Ratio Lower Upper
178 100
176 21.7 15.3 22.9
179 33.8 12.5 18.7#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.075 min Scan# 3092
Delta R.T. 0.006 min
Lab File: BP003351.D
Acq: 22 Sep 2020 22:01

Tgt Ion:240 Resp: 795285
Ion Ratio Lower Upper
240 100
120 10.6 7.8 11.6
236 26.1 20.8 31.2

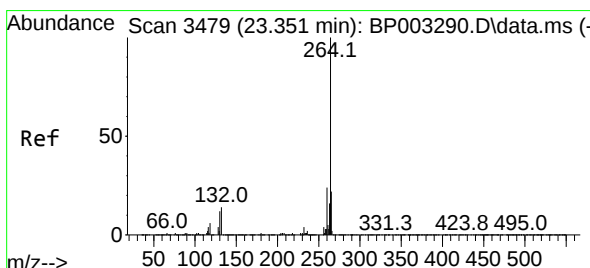
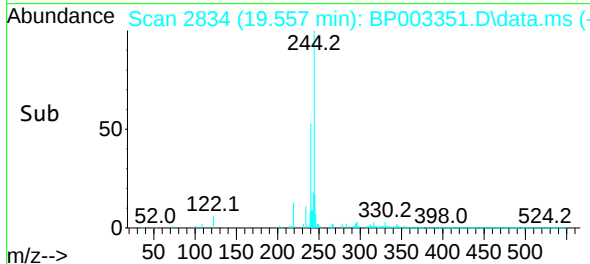
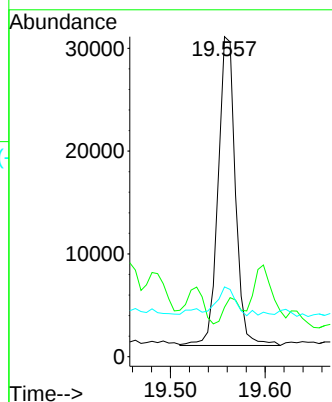
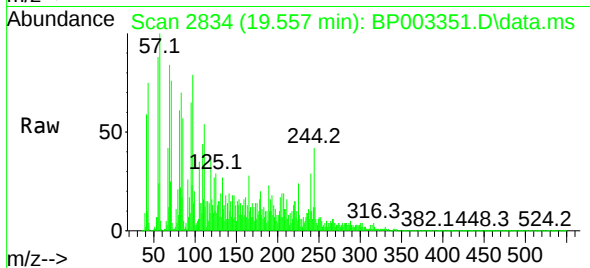




#79
 Terphenyl-d14
 Concen: 1.00 ng
 RT: 19.557 min Scan# 2834
 Delta R.T. 0.006 min
 Lab File: BP003351.D
 Acq: 22 Sep 2020 22:01

Instrument :
 BNA_P
 ClientSampleId :
 T-1

Tgt Ion:244 Resp: 38173
 Ion Ratio Lower Upper
 244 100
 212 15.4 5.8 8.6#
 122 21.8 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.269 min Scan# 3465
 Delta R.T. 0.006 min
 Lab File: BP003351.D
 Acq: 22 Sep 2020 22:01

Tgt Ion:264 Resp: 748803
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.4 17.4 26.2

