

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
 Data File : BP003300.D
 Acq On : 16 Sep 2020 14:11
 Operator : CG/JU
 Sample : L4021-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B15-5-7

Quant Time: Sep 16 14:48:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:18:39 2020
 Response via : Initial Calibration

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

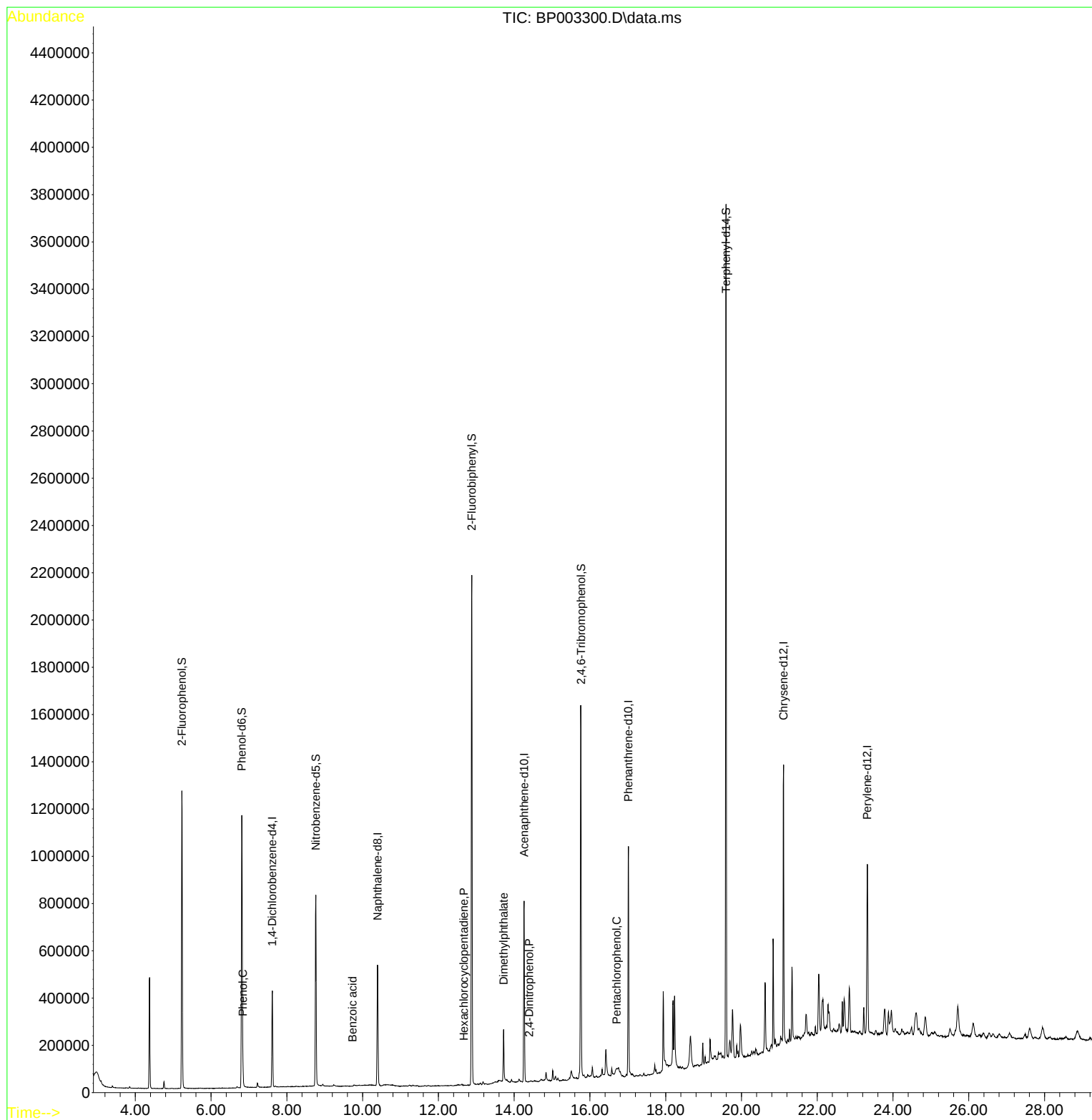
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	116727	20.00	ng	0.00
21) Naphthalene-d8	10.393	136	450204	20.00	ng	# 0.00
39) Acenaphthene-d10	14.263	164	272564	20.00	ng	0.00
64) Phenanthrene-d10	17.016	188	583496	20.00	ng	0.00
76) Chrysene-d12	21.110	240	575224	20.00	ng	0.00
86) Perylene-d12	23.321	264	520793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	608108	90.97	ng	0.00
7) Phenol-d6	6.811	99	760625	85.36	ng	0.00
23) Nitrobenzene-d5	8.763	82	498209	65.01	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	343792	82.70	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	1149688	61.69	ng	0.00
79) Terphenyl-d14	19.592	244	1602973	58.06	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.840	94	40567	4.77	ng	92
32) Benzoic acid	9.734	122	231	9.20	ng	# 1
41) Hexachlorocyclopentadiene	12.669	237	19	6.85	ng	93
50) Dimethylphthalate	13.722	163	151356	6.95	ng	100
54) 2,4-Dinitrophenol	14.393	184	40	7.27	ng	# 1
70) Pentachlorophenol	16.704	266	64	6.79	ng	95

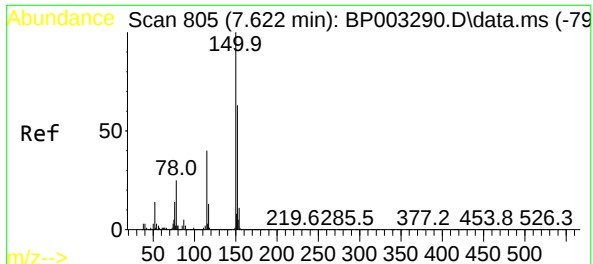
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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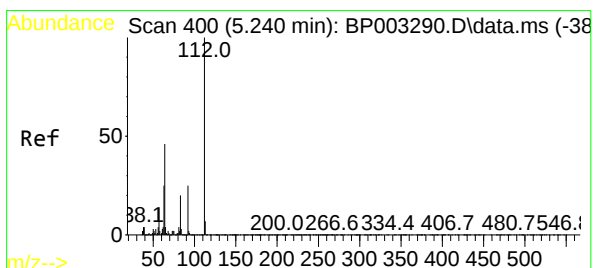
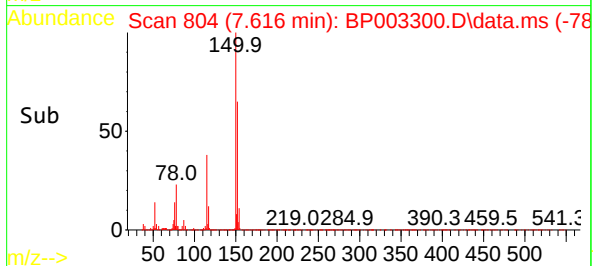
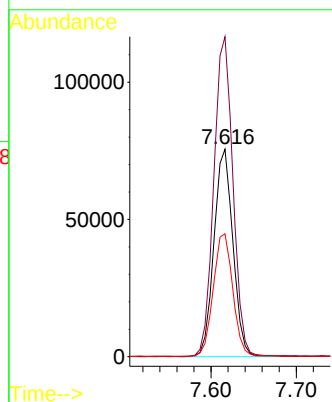
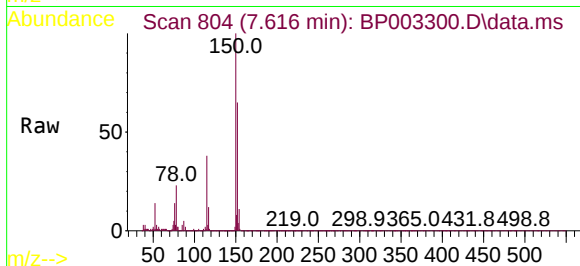




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

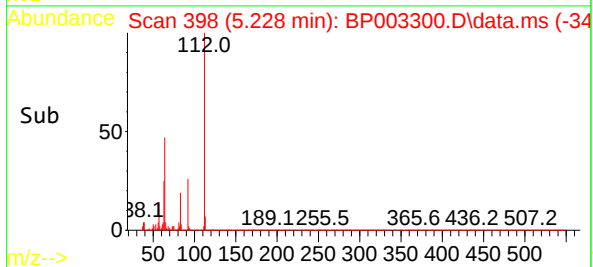
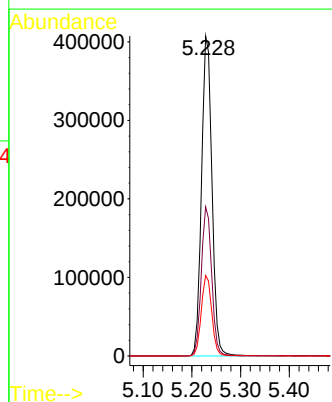
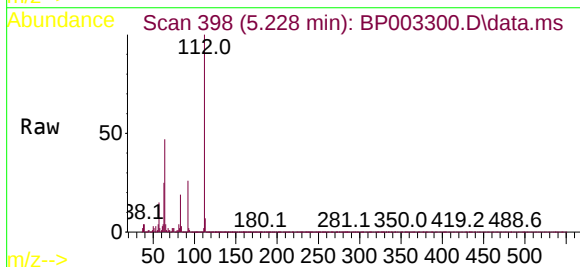
Instrument :
BNA_P
ClientSampleId :
B15-5-7

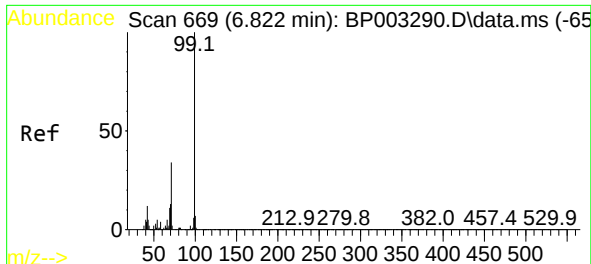
Tgt Ion:152 Resp: 116727
Ion Ratio Lower Upper
152 100
150 154.2 123.8 185.6
115 59.2 43.8 65.6



#5
2-Fluorophenol
Concen: 90.97 ng
RT: 5.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

Tgt Ion:112 Resp: 608108
Ion Ratio Lower Upper
112 100
64 46.6 32.8 49.2
63 25.2 17.0 25.4

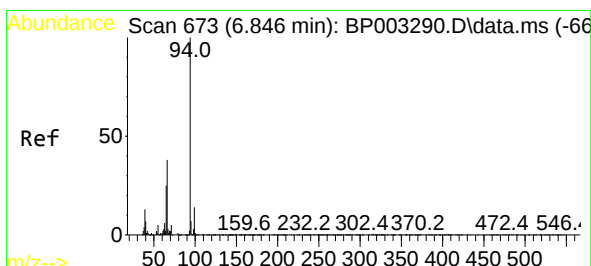
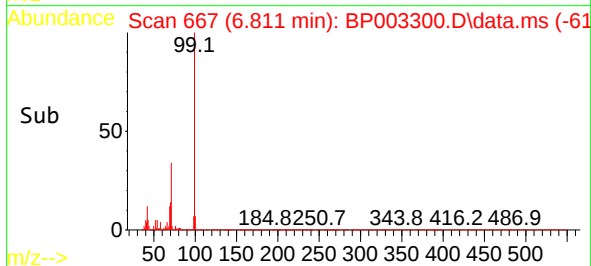
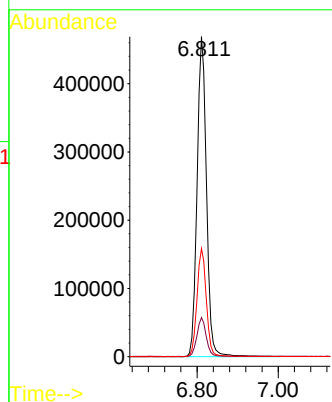
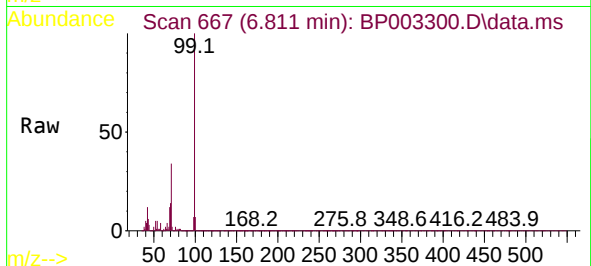




#7
Phenol-d6
Concen: 85.36 ng
RT: 6.811 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

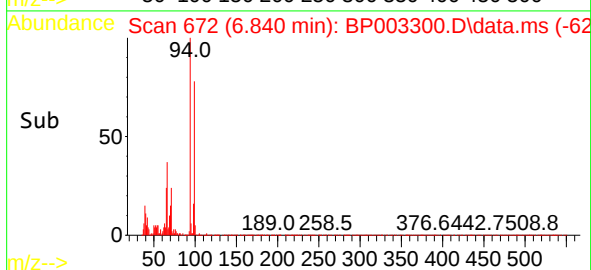
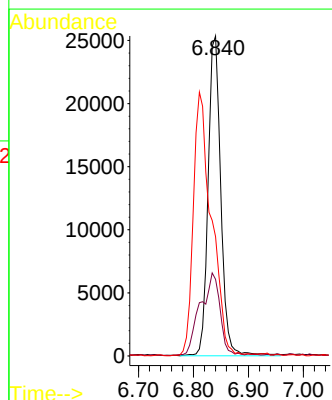
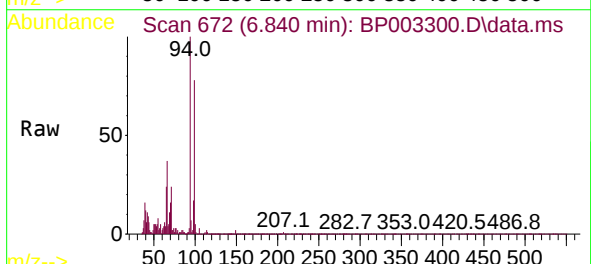
Instrument :
BNA_P
ClientSampleId :
B15-5-7

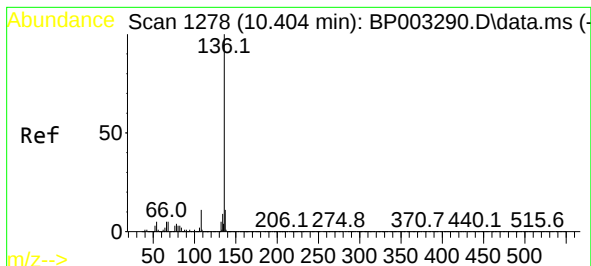
Tgt Ion: 99 Resp: 760625
Ion Ratio Lower Upper
99 100
42 12.2 8.6 13.0
71 33.8 23.4 35.2



#10
Phenol
Concen: 4.77 ng
RT: 6.840 min Scan# 672
Delta R.T. 0.006 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

Tgt Ion: 94 Resp: 40567
Ion Ratio Lower Upper
94 100
65 23.9 2.3 42.3
66 37.3 10.9 50.9

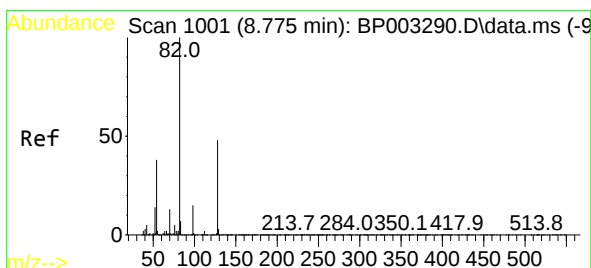
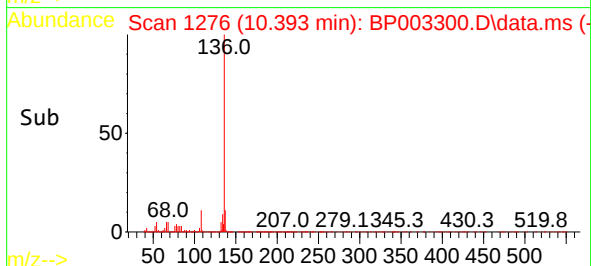
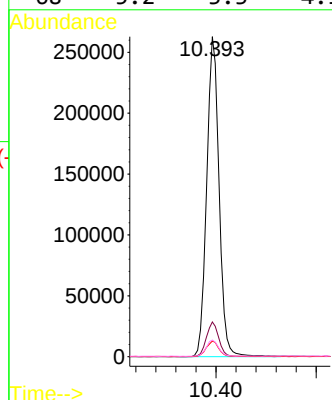
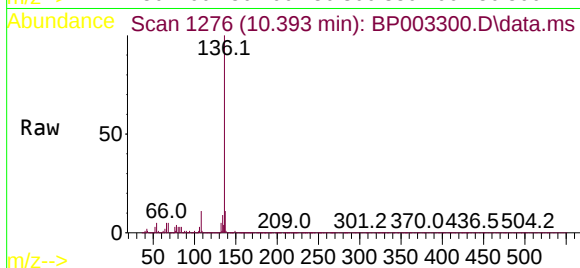




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.393 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

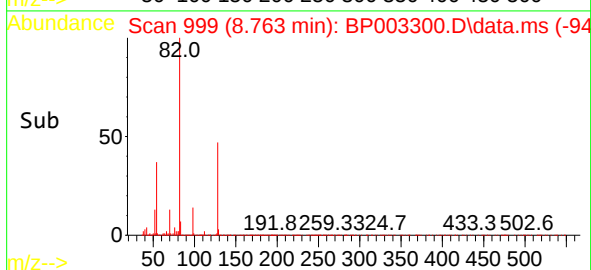
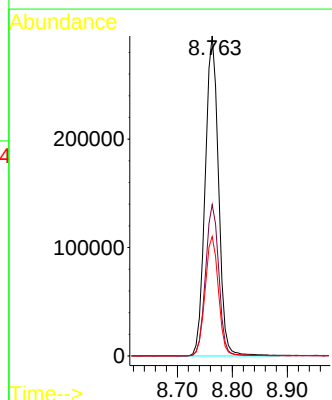
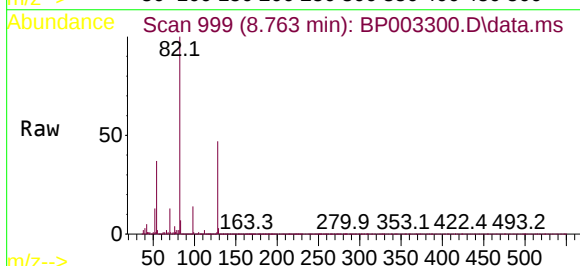
Instrument :
BNA_P
ClientSampleId :
B15-5-7

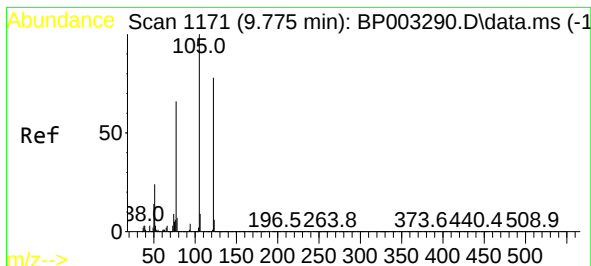
Tgt Ion:	136	Resp:	450204
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.9	3.6	5.4
68	5.2	3.3	4.9



#23
Nitrobenzene-d5
Concen: 65.01 ng
RT: 8.763 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

Tgt Ion:	82	Resp:	498209
Ion	Ratio	Lower	Upper
82	100		
128	47.3	45.6	68.4
54	37.3	30.1	45.1

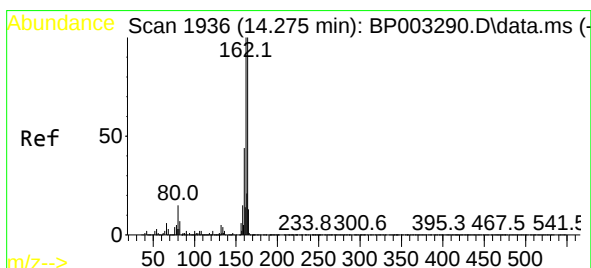
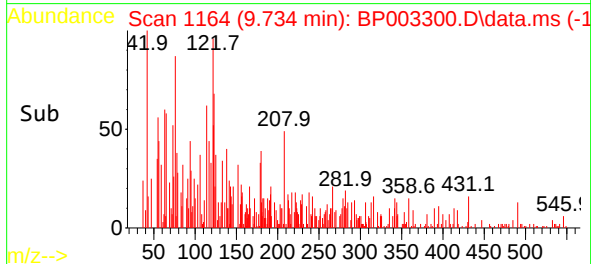
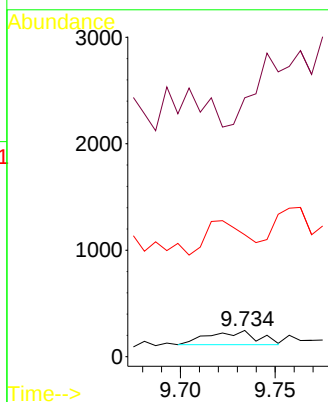
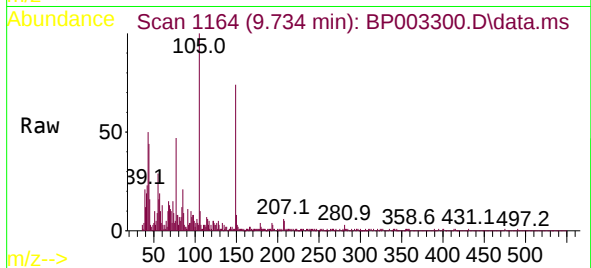




#32
Benzoic acid
Concen: 9.20 ng
RT: 9.734 min Scan# 1164
Delta R.T. -0.023 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

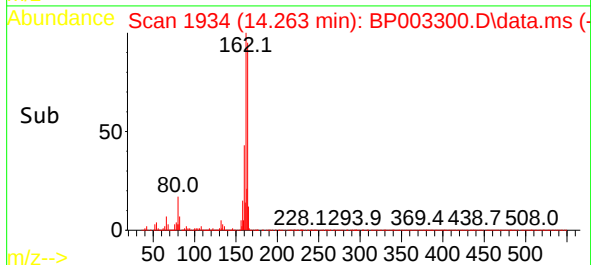
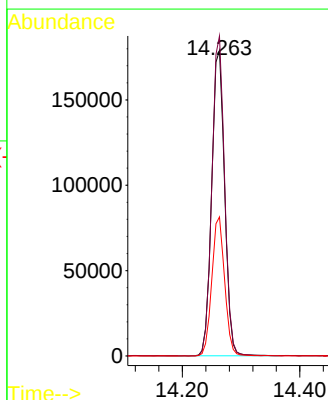
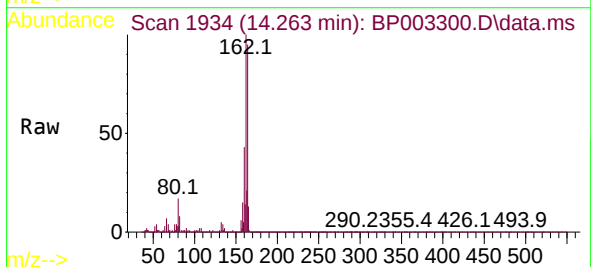
Instrument :
BNA_P
ClientSampleId :
B15-5-7

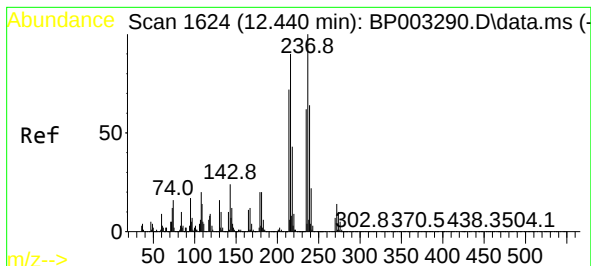
Tgt Ion:122 Resp: 231
Ion Ratio Lower Upper
122 100
105 988.6 94.1 134.1#
77 465.9 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

Tgt Ion:164 Resp: 272564
Ion Ratio Lower Upper
164 100
162 104.8 79.4 119.2
160 45.5 36.1 54.1

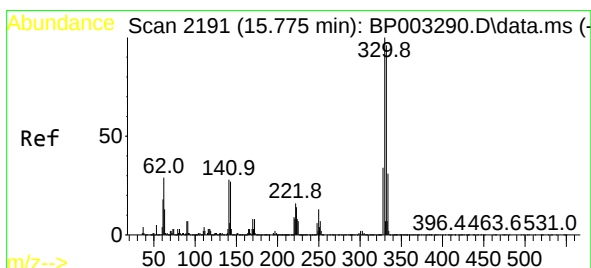
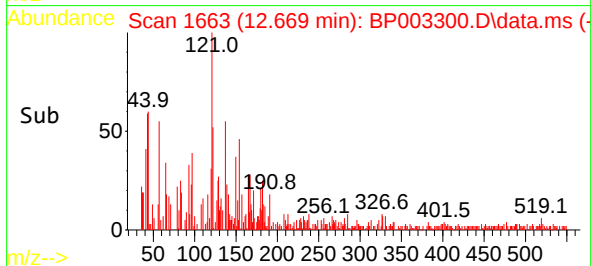
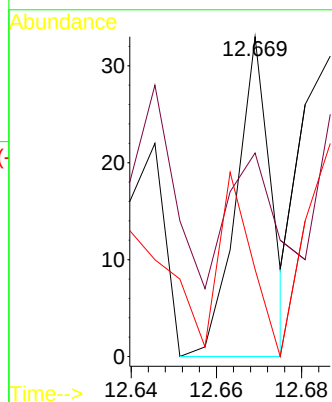
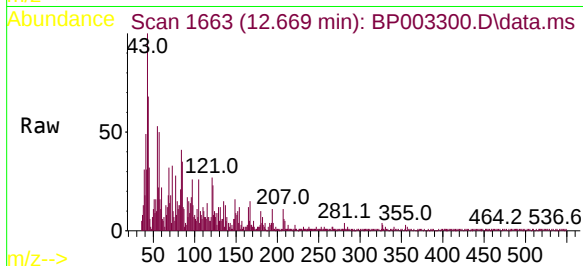




#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.669 min Scan# 1663
Delta R.T. 0.241 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

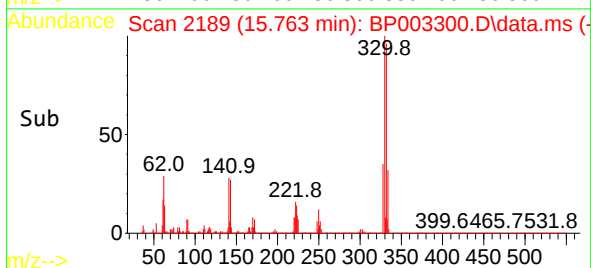
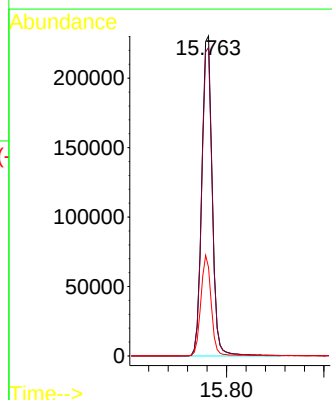
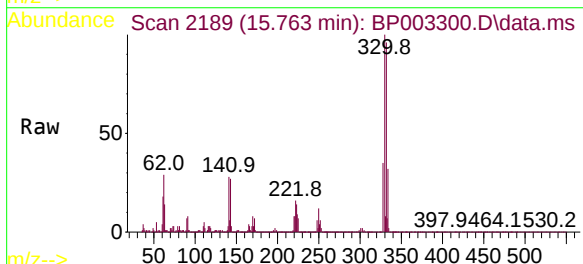
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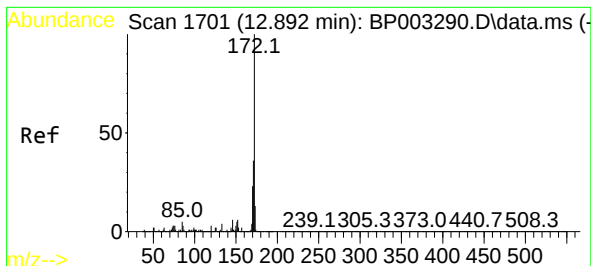
Tgt Ion:237 Resp: 19
Ion Ratio Lower Upper
237 100
235 63.6 43.2 83.2
272 27.3 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 82.70 ng
RT: 15.763 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

Tgt Ion:330 Resp: 343792
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 31.0 23.4 35.2

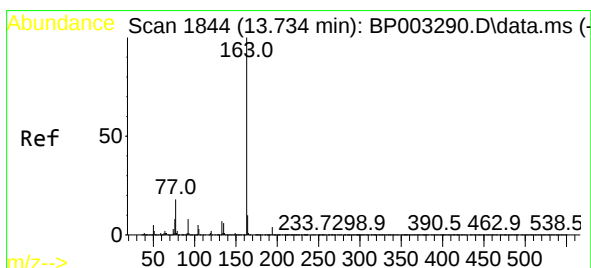
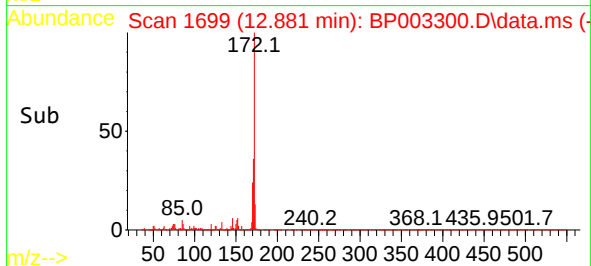
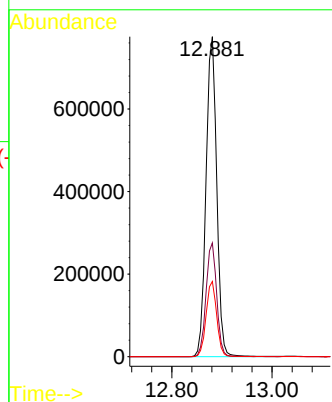
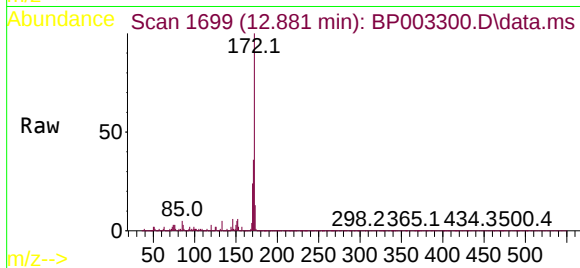




#45
2-Fluorobiphenyl
Concen: 61.69 ng
RT: 12.881 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

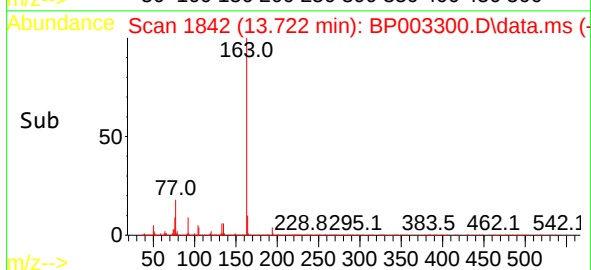
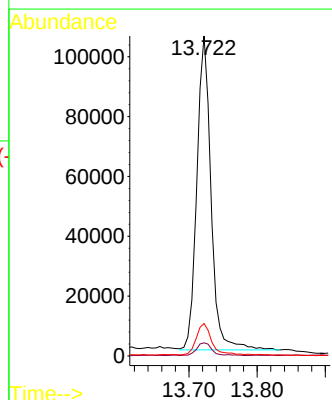
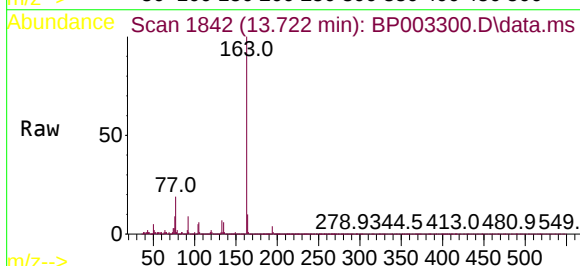
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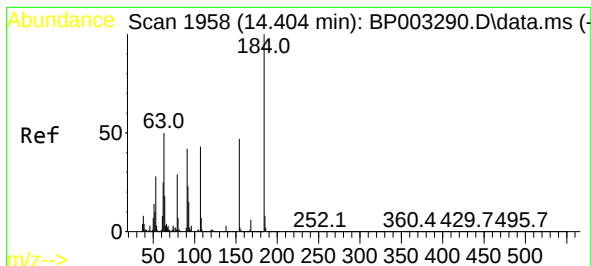
Tgt Ion:172 Resp: 1149688
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.5 19.2 28.8



#50
Dimethylphthalate
Concen: 6.95 ng
RT: 13.722 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

Tgt Ion:163 Resp: 151356
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.2 12.2

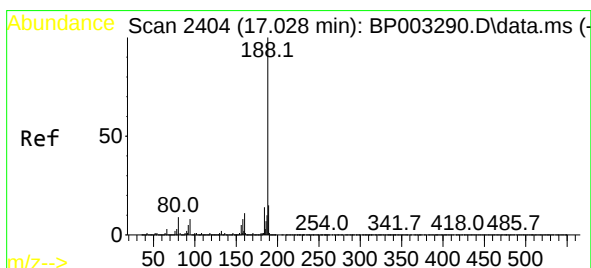
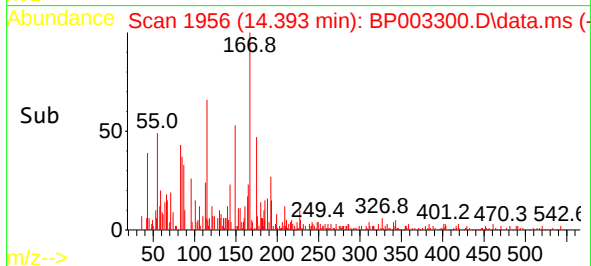
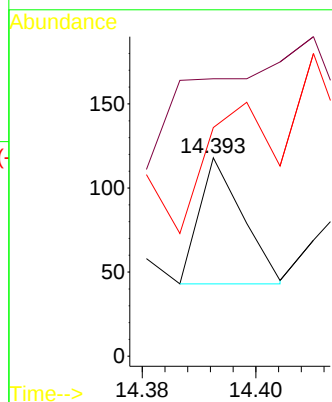
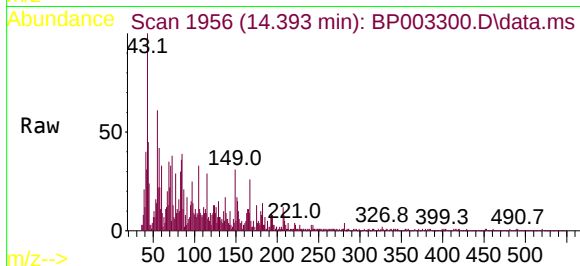




#54
2,4-Dinitrophenol
Concen: 7.27 ng
RT: 14.393 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

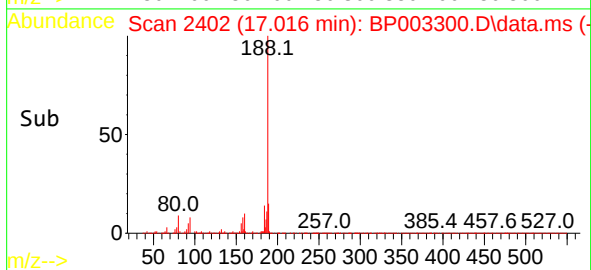
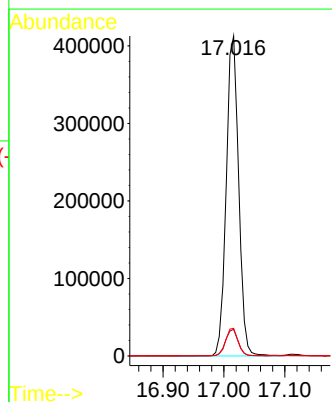
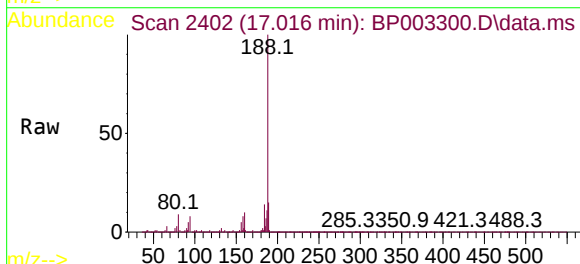
Instrument :
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B15-5-7

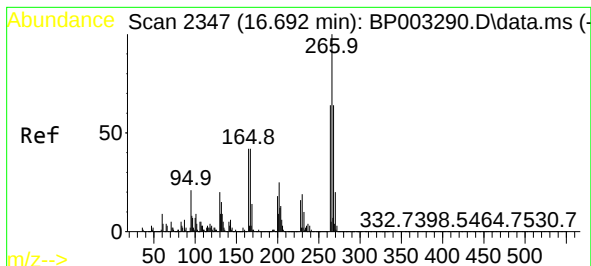
Tgt Ion:184 Resp: 40
Ion Ratio Lower Upper
184 100
63 139.8 32.3 48.5#
154 115.3 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.016 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

Tgt Ion:188 Resp: 583496
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 8.6 6.2 9.2

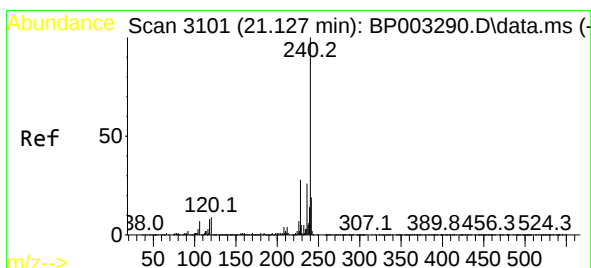
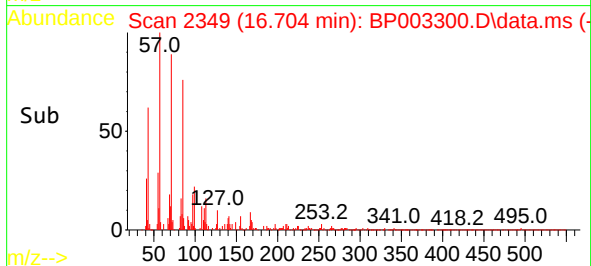
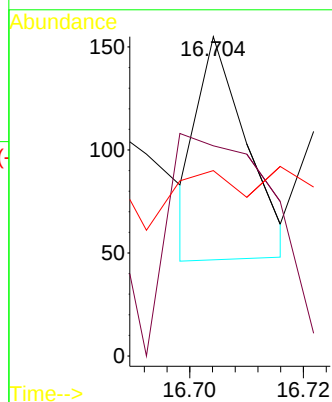
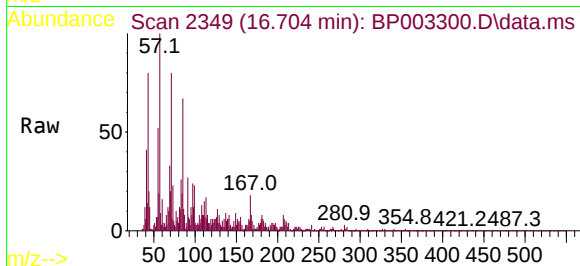




#70
Pentachlorophenol
Concen: 6.79 ng
RT: 16.704 min Scan# 2349
Delta R.T. 0.018 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

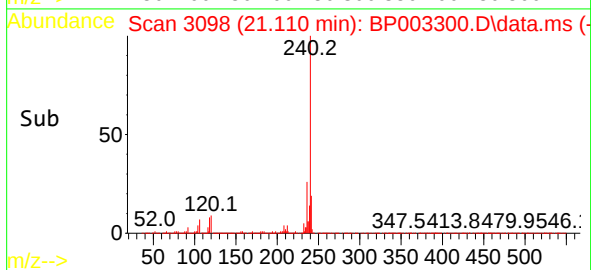
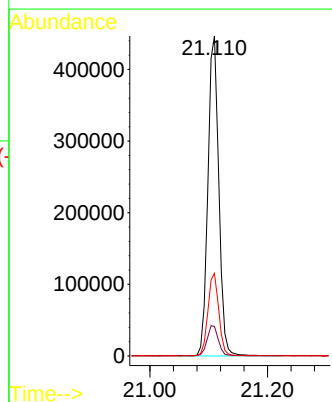
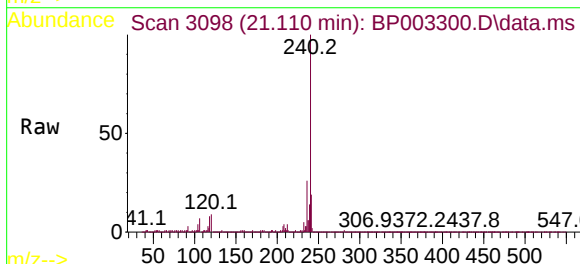
Instrument :
BNA_P
ClientSampleId :
B15-5-7

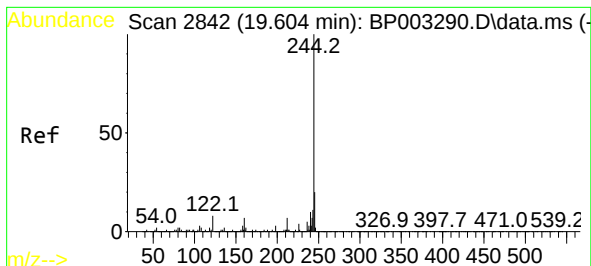
Tgt Ion:266 Resp: 64
Ion Ratio Lower Upper
266 100
268 65.8 51.1 76.7
264 58.1 50.6 76.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.110 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP003300.D
Acq: 16 Sep 2020 14:11

Tgt Ion:240 Resp: 575224
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 25.9 20.8 31.2



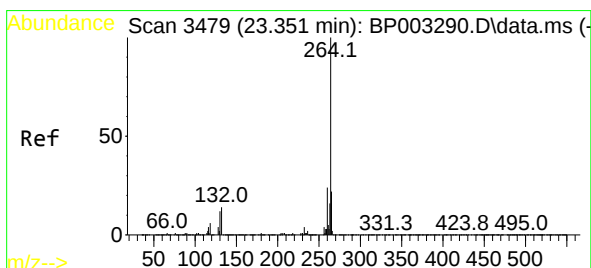
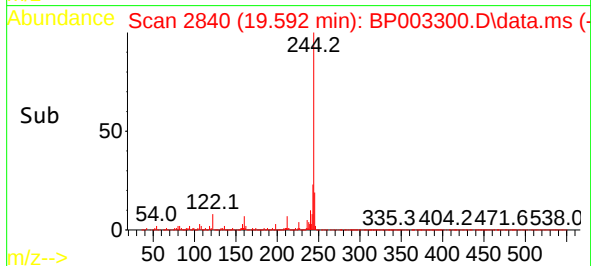
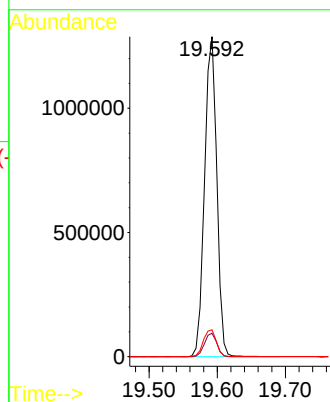
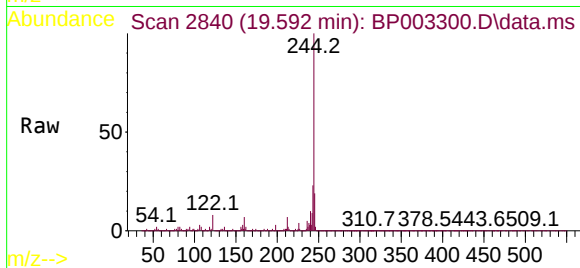


#79
 Terphenyl-d14
 Concen: 58.06 ng
 RT: 19.592 min Scan# 2840
 Delta R.T. 0.000 min
 Lab File: BP003300.D
 Acq: 16 Sep 2020 14:11

Instrument :
 BNA_P
 ClientSampleId :
 B15-5-7

Tgt Ion:244 Resp: 1602973

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	8.4	7.8	11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.321 min Scan# 3474
 Delta R.T. -0.006 min
 Lab File: BP003300.D
 Acq: 16 Sep 2020 14:11

Tgt Ion:264 Resp: 520793

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.2	17.4	26.2

