

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
 Data File : BP007955.D
 Acq On : 11 Nov 2021 20:37
 Operator : CG/JU
 Sample : M4630-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-13R-5.0

Quant Time: Nov 12 00:31:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 11 13:53:53 2021
 Response via : Initial Calibration

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

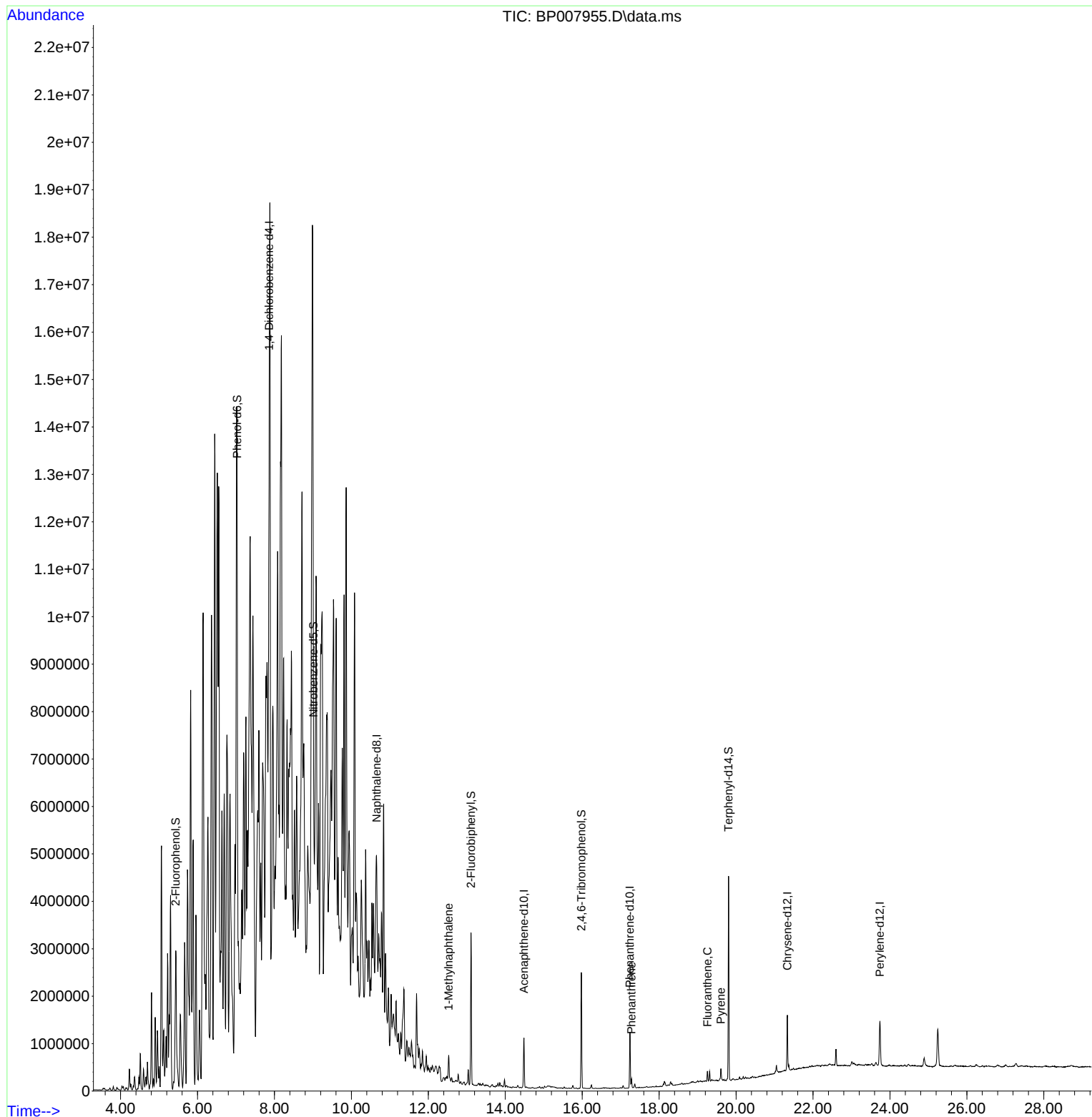
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	141746	20.000	ng	0.01
21) Naphthalene-d8	10.657	136	537078	20.000	ng	# 0.00
39) Acenaphthene-d10	14.487	164	361364	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	691835	20.000	ng	# 0.00
76) Chrysene-d12	21.333	240	565250	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	752785	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	959689	114.823	ng	0.00
7) Phenol-d6	7.028	99	907197	74.992	ng	0.00
23) Nitrobenzene-d5	9.016	82	804090	80.423	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	518198	100.481	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	1653041	66.617	ng	0.00
79) Terphenyl-d14	19.804	244	2009707	72.399	ng	0.00
Target Compounds						
						Qvalue
38) 1-Methylnaphthalene	12.528	142	229276	11.677	ng	# 98
71) Phenanthrene	17.281	178	114369	3.145	ng	100
75) Fluoranthene	19.257	202	118631	2.586	ng	98
78) Pyrene	19.604	202	155830	4.495	ng	97

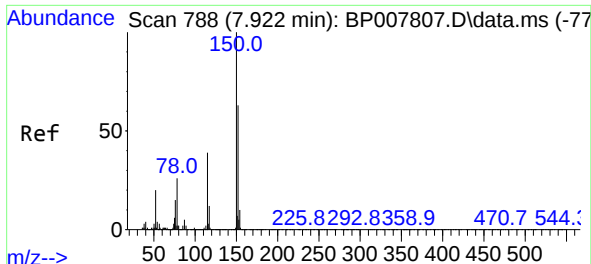
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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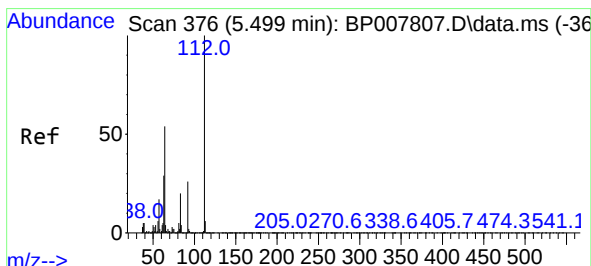
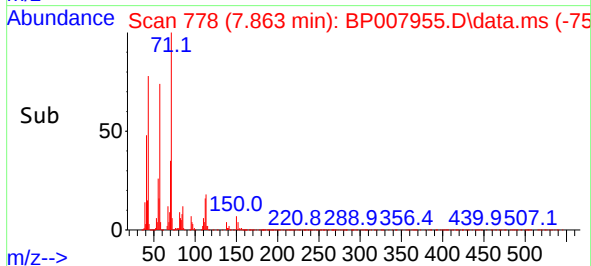
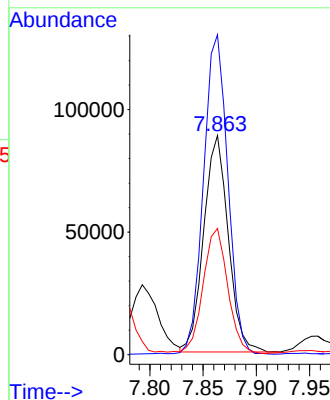
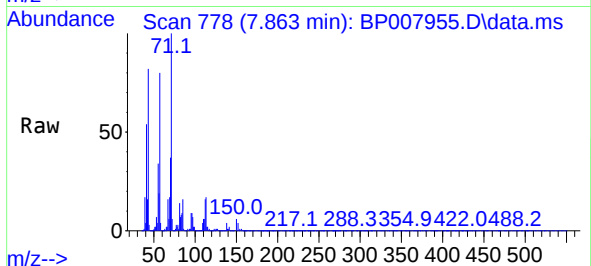




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 71
Delta R.T. 0.011 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

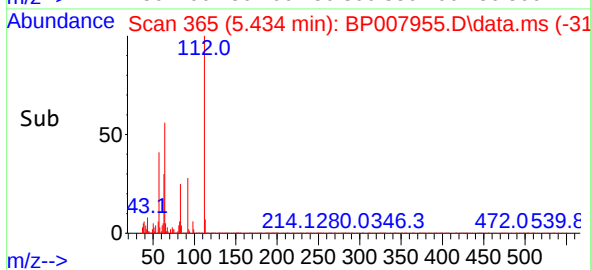
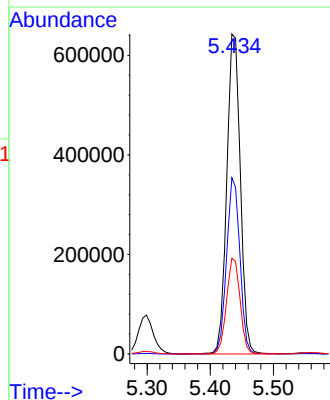
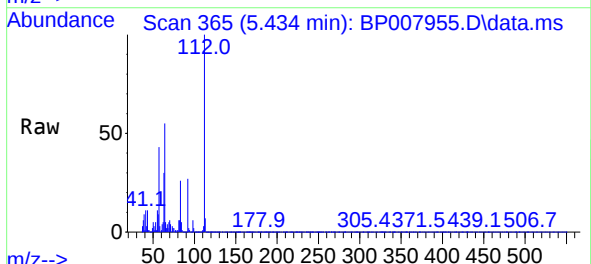
Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

Tgt Ion:152 Resp: 141746
Ion Ratio Lower Upper
152 100
150 146.0 124.1 186.1
115 57.6 48.1 72.1



#5
2-Fluorophenol
Concen: 114.823 ng
RT: 5.434 min Scan# 365
Delta R.T. -0.000 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

Tgt Ion:112 Resp: 959689
Ion Ratio Lower Upper
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64 55.1 46.6 70.0
63 30.0 25.0 37.6

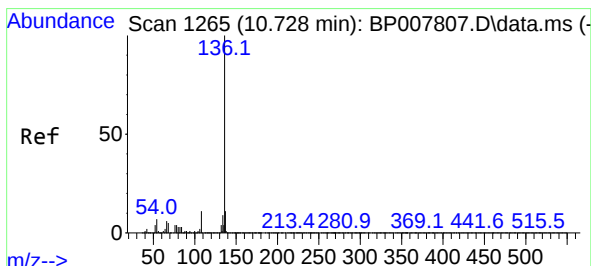
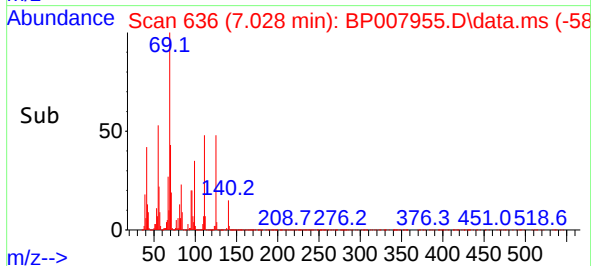
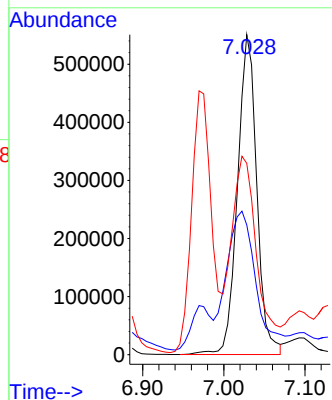
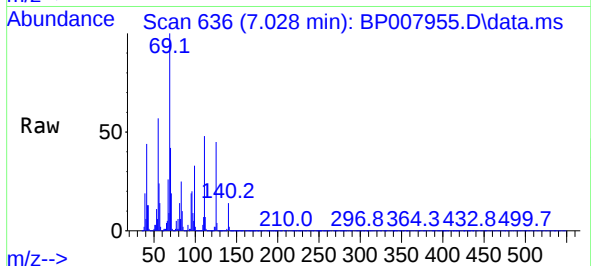




#7
Phenol-d6
Concen: 74.992 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

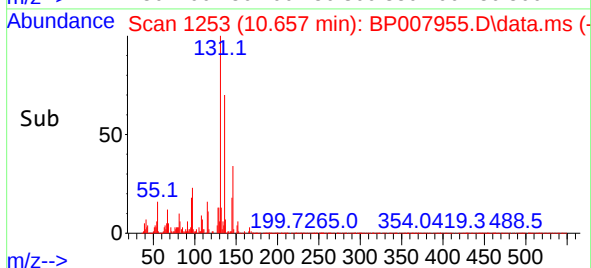
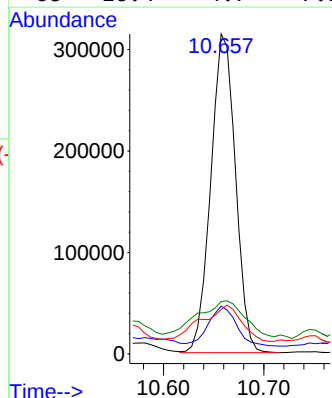
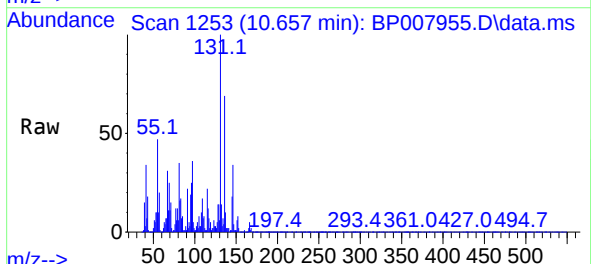
Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

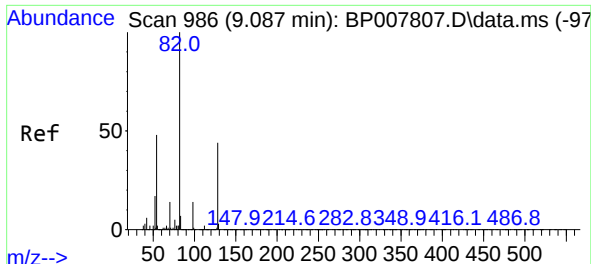
Tgt Ion: 99 Resp: 907197
Ion Ratio Lower Upper
99 100
42 40.6 14.9 22.3#
71 59.8 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

Tgt Ion: 136 Resp: 537078
Ion Ratio Lower Upper
136 100
137 14.9 8.6 13.0#
54 13.9 6.2 9.4#
68 16.4 4.7 7.1#

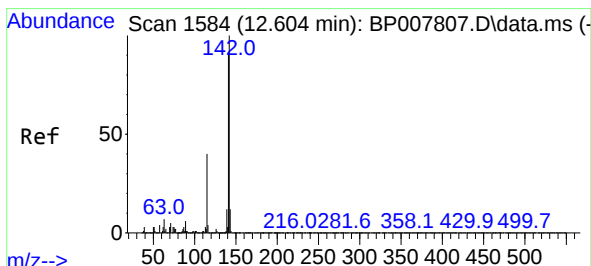
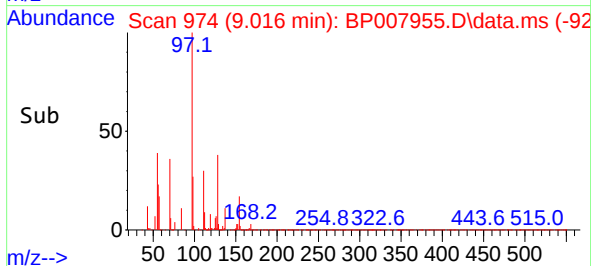
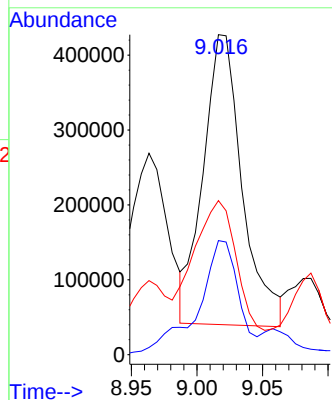
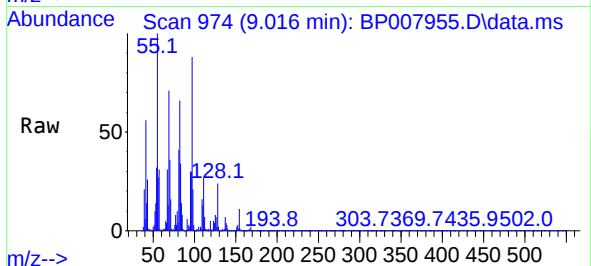




#23
Nitrobenzene-d5
Concen: 80.423 ng
RT: 9.016 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

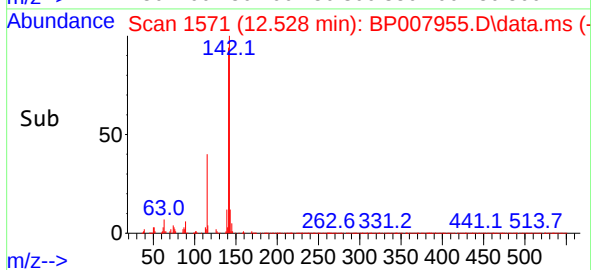
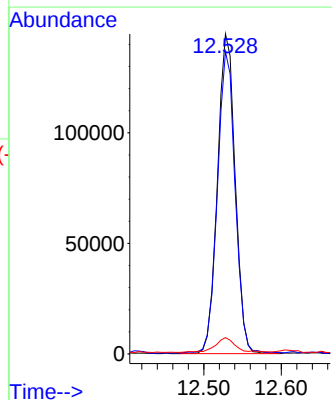
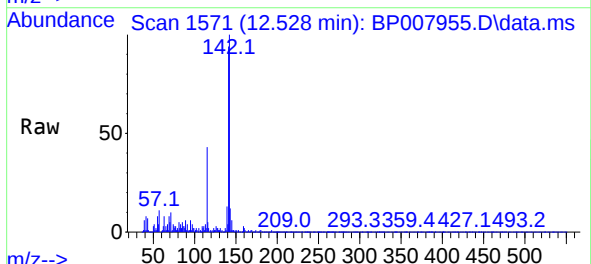
Instrument :
BNA_P
ClientSampleId :
SB-13R-5.0

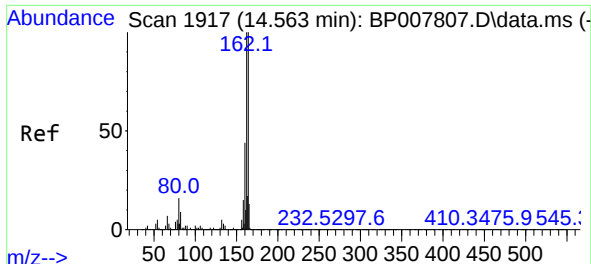
Tgt Ion: 82 Resp: 804090
Ion Ratio Lower Upper
82 100
128 35.7 32.6 48.8
54 48.1 40.4 60.6



#38
1-Methylnaphthalene
Concen: 11.677 ng
RT: 12.528 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

Tgt Ion: 142 Resp: 229276
Ion Ratio Lower Upper
142 100
141 94.5 74.4 111.6
116 5.1 3.4 5.0#

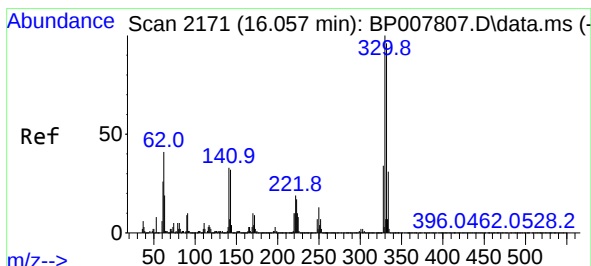
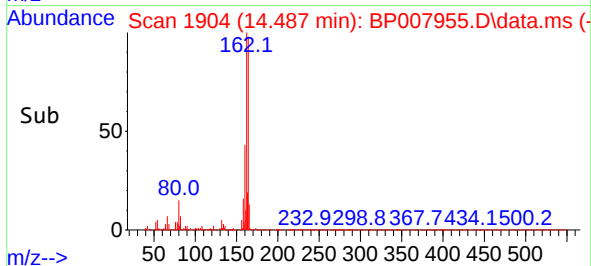
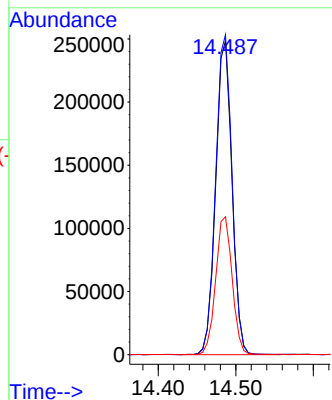
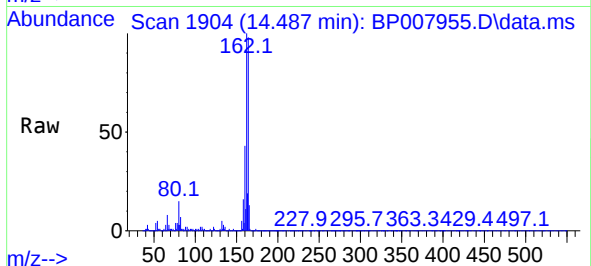




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

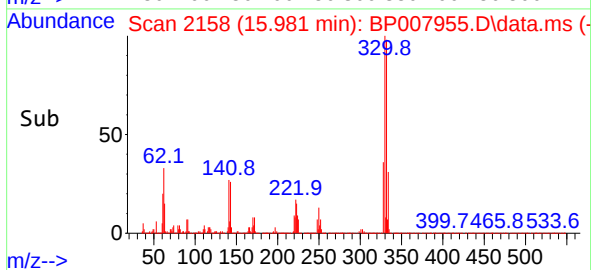
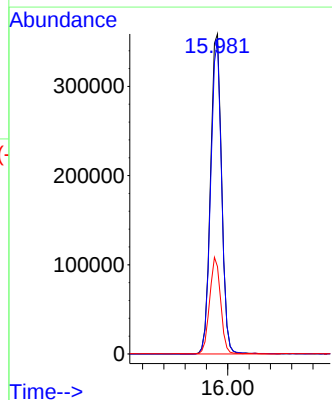
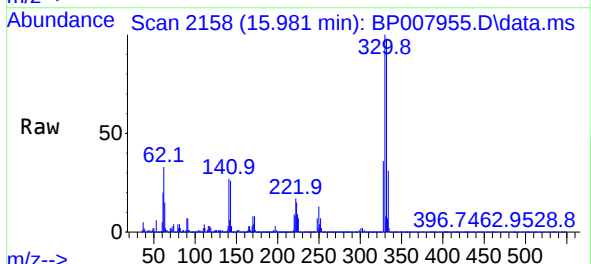
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ClientSampleId :
SB-13R-5.0

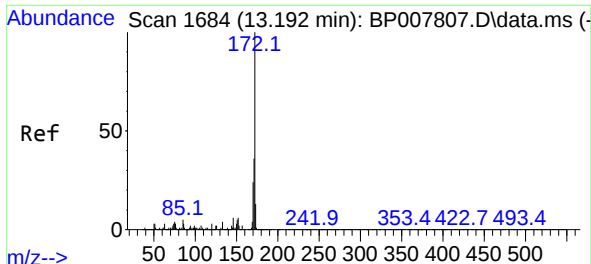
Tgt Ion:164 Resp: 361364
Ion Ratio Lower Upper
164 100
162 101.9 81.1 121.7
160 43.9 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 100.481 ng
RT: 15.981 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

Tgt Ion:330 Resp: 518198
Ion Ratio Lower Upper
330 100
332 96.5 78.9 118.3
141 29.8 30.7 46.1#

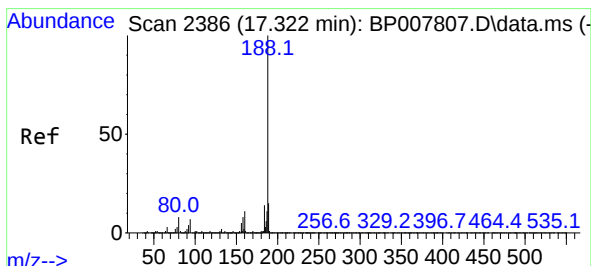
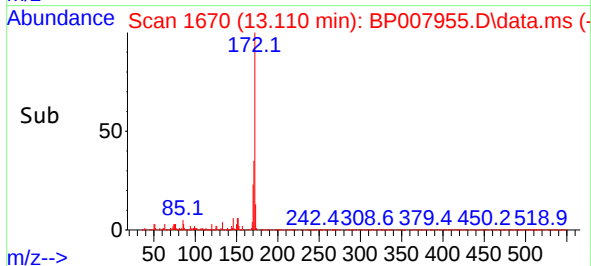
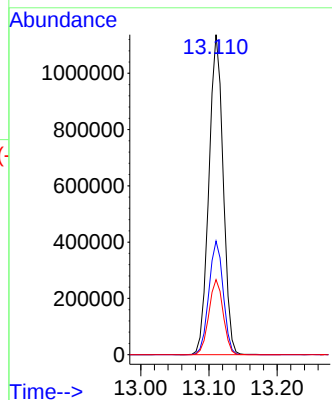
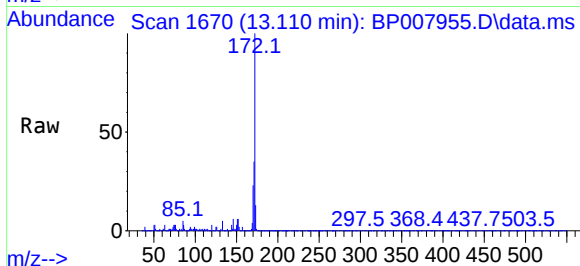




#45
2-Fluorobiphenyl
Concen: 66.617 ng
RT: 13.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

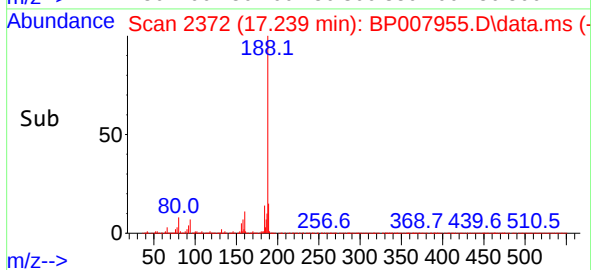
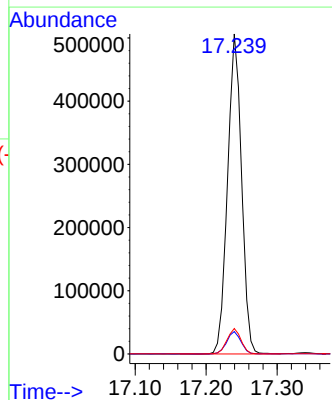
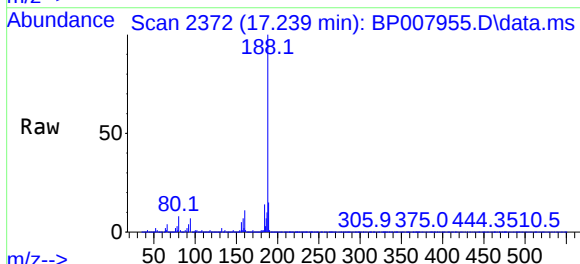
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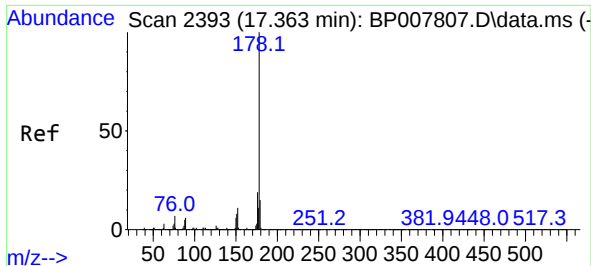
Tgt Ion:172 Resp: 1653041
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.4 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

Tgt Ion:188 Resp: 691835
Ion Ratio Lower Upper
188 100
94 7.0 7.1 10.7#
80 7.9 7.8 11.6

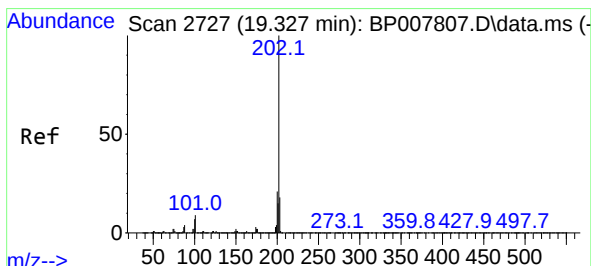
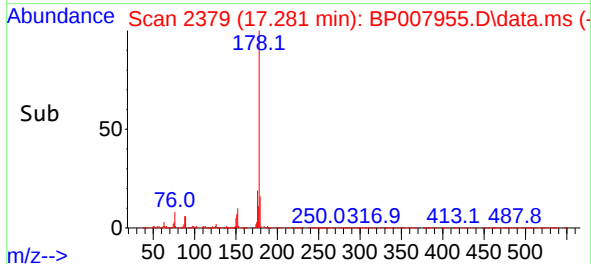
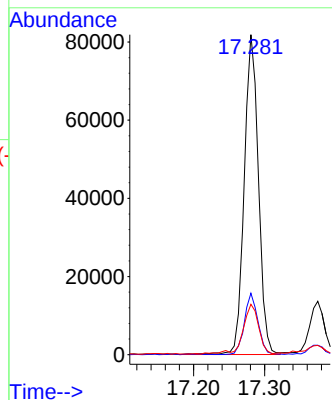
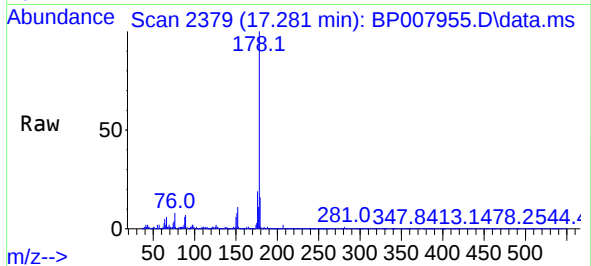




#71
Phenanthrene
Concen: 3.145 ng
RT: 17.281 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

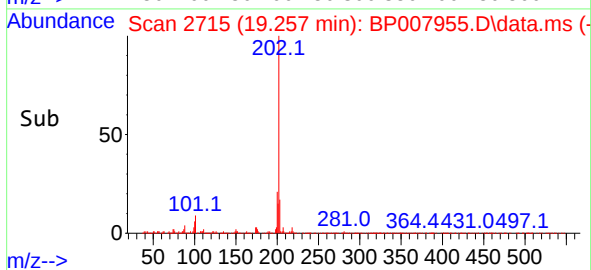
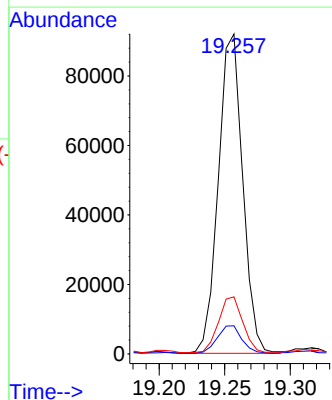
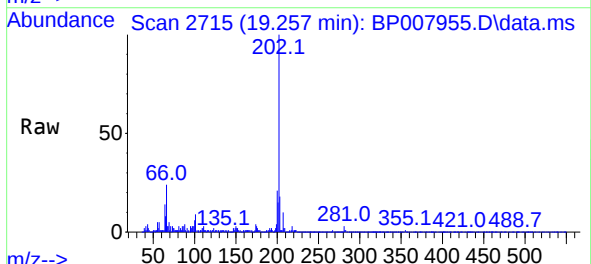
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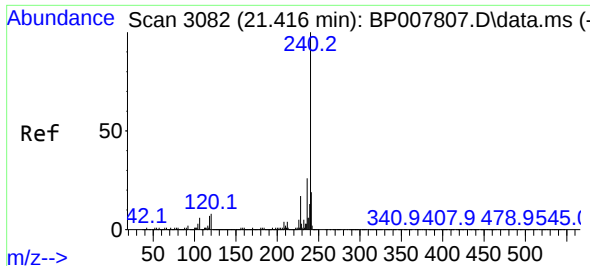
Tgt Ion:178 Resp: 114369
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.7 12.3 18.5



#75
Fluoranthene
Concen: 2.586 ng
RT: 19.257 min Scan# 2715
Delta R.T. -0.000 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

Tgt Ion:202 Resp: 118631
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.4
203 17.8 0.0 37.6

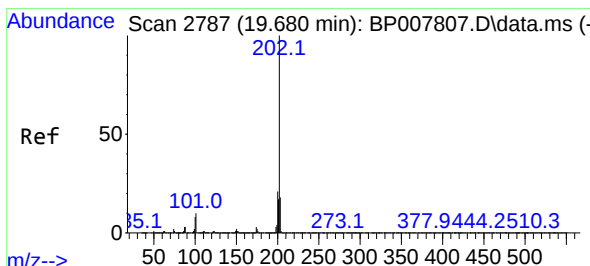
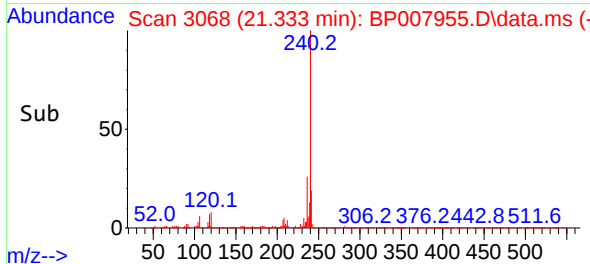
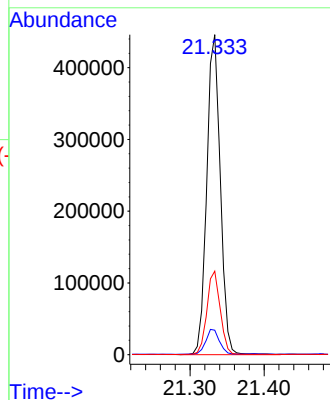
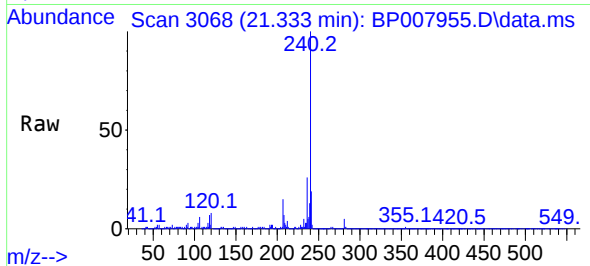




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

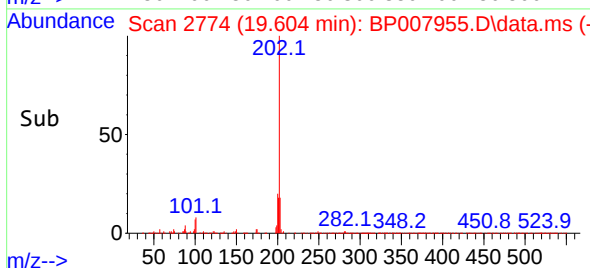
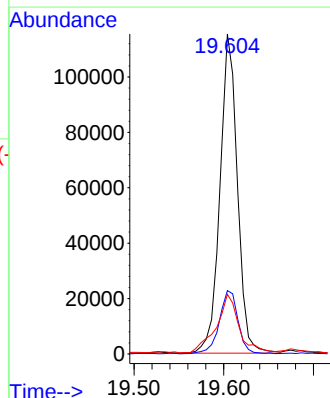
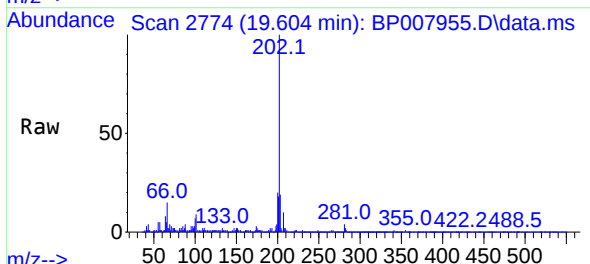
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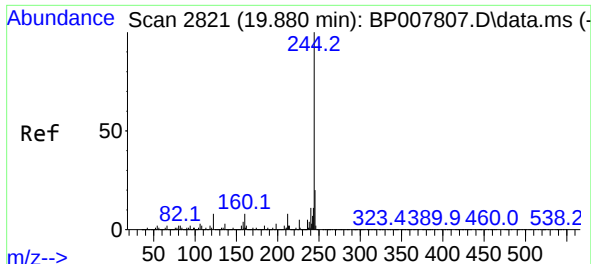
Tgt Ion:240 Resp: 565250
Ion Ratio Lower Upper
240 100
120 7.7 7.8 11.8#
236 26.1 20.6 30.8



#78
Pyrene
Concen: 4.495 ng
RT: 19.604 min Scan# 2774
Delta R.T. -0.012 min
Lab File: BP007955.D
Acq: 11 Nov 2021 20:37

Tgt Ion:202 Resp: 155830
Ion Ratio Lower Upper
202 100
200 19.8 16.9 25.3
203 18.6 13.8 20.6

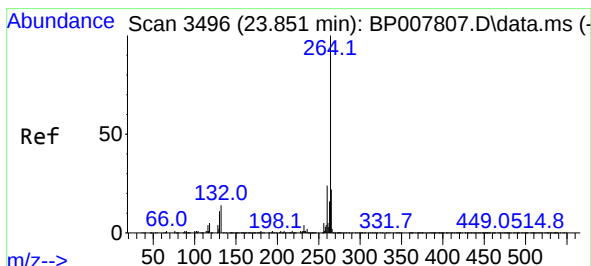
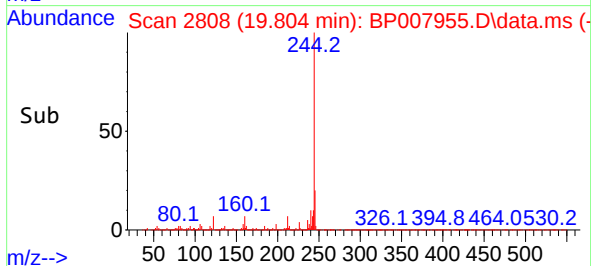
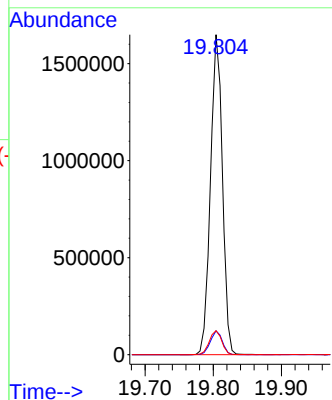
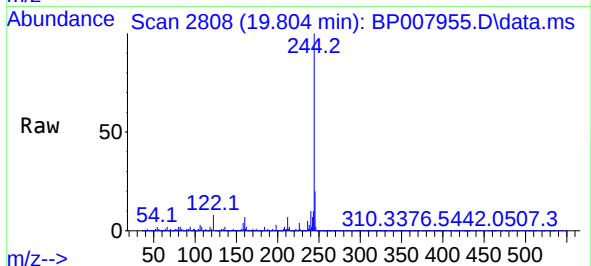




#79
 Terphenyl-d14
 Concen: 72.399 ng
 RT: 19.804 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

Instrument :
 BNA_P
 ClientSampleId :
 SB-13R-5.0

Tgt Ion:244 Resp: 2009707
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 7.5 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 3477
 Delta R.T. -0.012 min
 Lab File: BP007955.D
 Acq: 11 Nov 2021 20:37

Tgt Ion:264 Resp: 752785
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 22.8 16.7 25.1

