

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
 Data File : BP007959.D
 Acq On : 11 Nov 2021 22:53
 Operator : CG/JU
 Sample : M4630-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-13E-16.0-16.5

Quant Time: Nov 12 01:11:50 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)

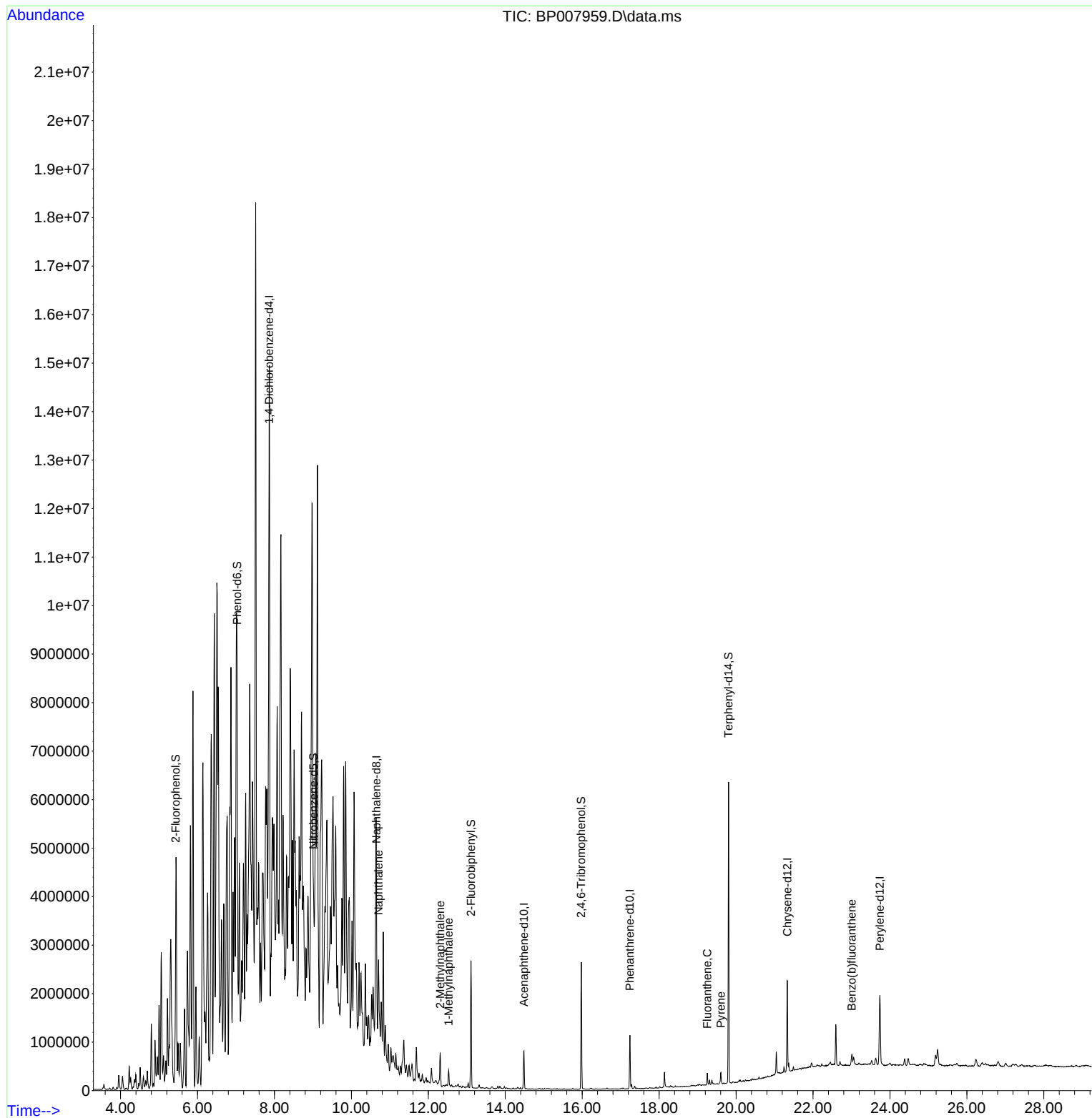
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	100171	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	396291	20.000	ng	# 0.00
39) Acenaphthene-d10	14.487	164	275049	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	647384	20.000	ng	0.00
76) Chrysene-d12	21.333	240	923073	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	1165574	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	715726	121.175	ng	0.00
7) Phenol-d6	7.028	99	749412	87.660	ng	0.00
23) Nitrobenzene-d5	9.016	82	744173	100.873	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	519965	132.464	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	1339590	70.926	ng	0.00
79) Terphenyl-d14	19.804	244	2819055	62.188	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.704	128	963837	48.080	ng	95
37) 2-Methylnaphthalene	12.310	142	290152	19.622	ng	96
38) 1-Methylnaphthalene	12.528	142	147126	10.155	ng	98
75) Fluoranthene	19.251	202	123102	2.867	ng	99
78) Pyrene	19.604	202	135850	2.400	ng	99
88) Benzo(b)fluoranthene	23.004	252	139794	2.035	ng	97

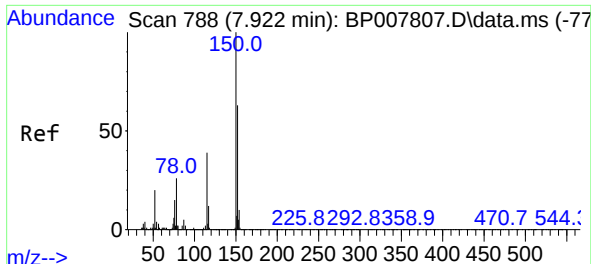
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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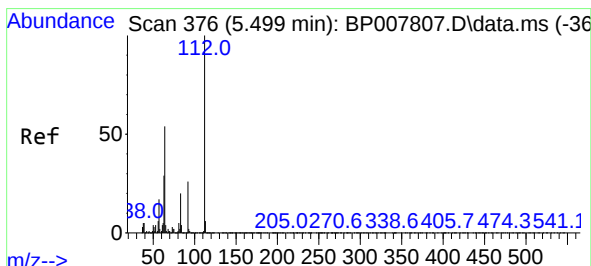
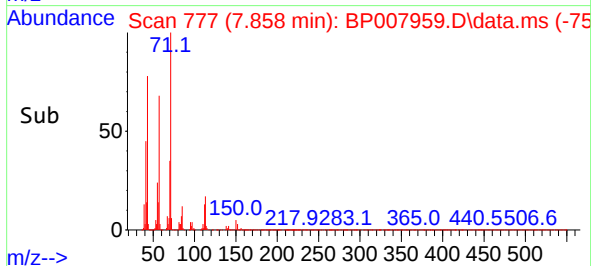
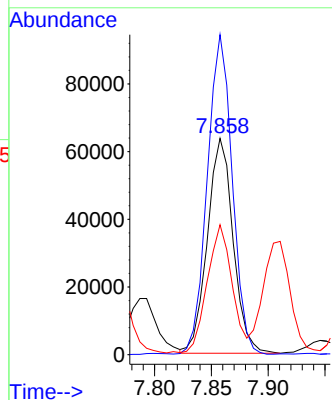
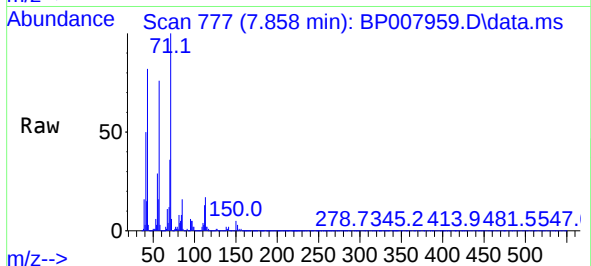




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP007959.D
Acq: 11 Nov 2021 22:53

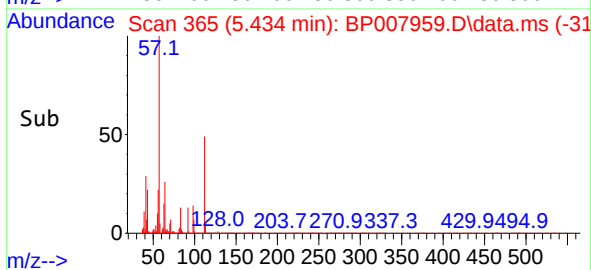
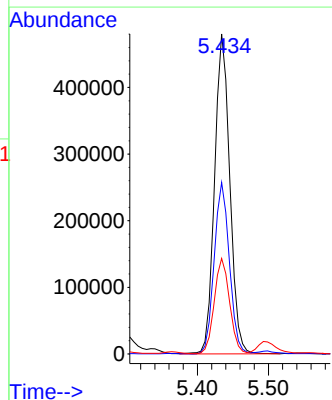
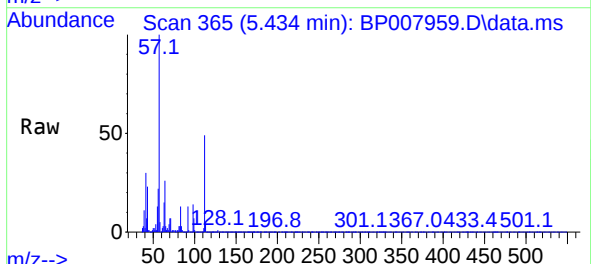
Instrument :
BNA_P
ClientSampleId :
SB-13E-16.0-16.5

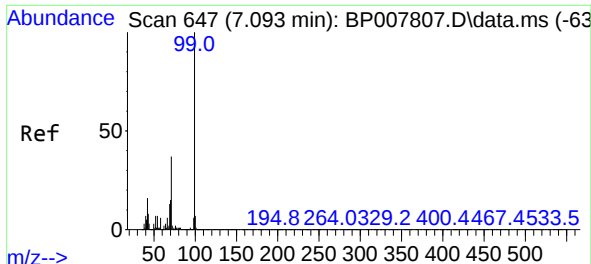
Tgt Ion:152 Resp: 100171
Ion Ratio Lower Upper
152 100
150 147.9 124.1 186.1
115 60.0 48.1 72.1



#5
2-Fluorophenol
Concen: 121.175 ng
RT: 5.434 min Scan# 365
Delta R.T. -0.000 min
Lab File: BP007959.D
Acq: 11 Nov 2021 22:53

Tgt Ion:112 Resp: 715726
Ion Ratio Lower Upper
112 100
64 53.6 46.6 70.0
63 29.9 25.0 37.6

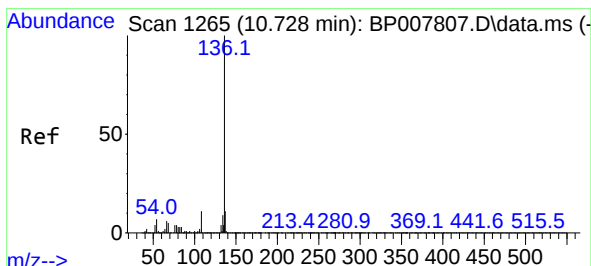
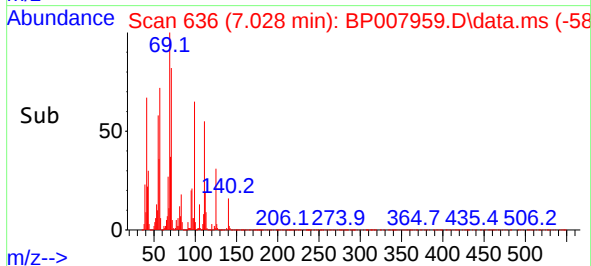
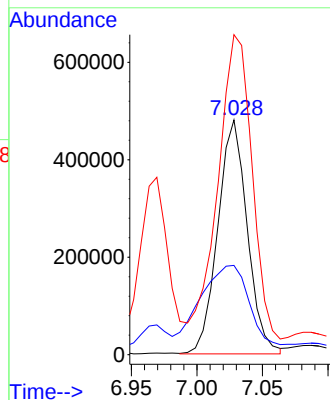
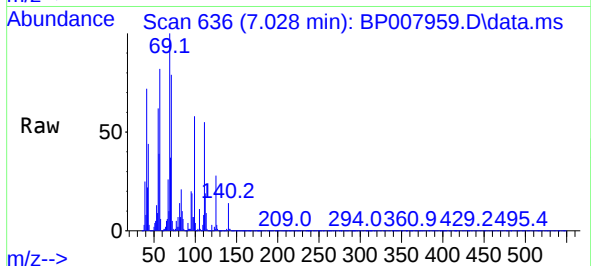




#7
Phenol-d6
Concen: 87.660 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP007959.D
Acq: 11 Nov 2021 22:53

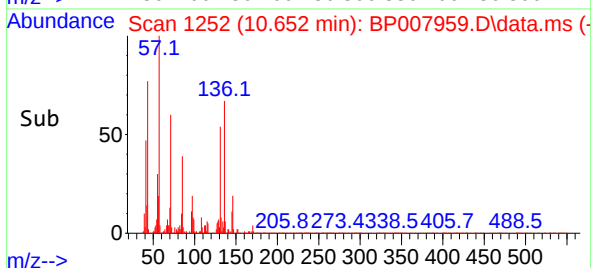
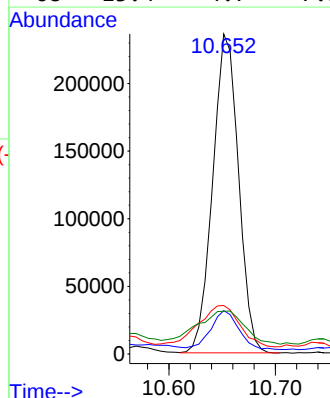
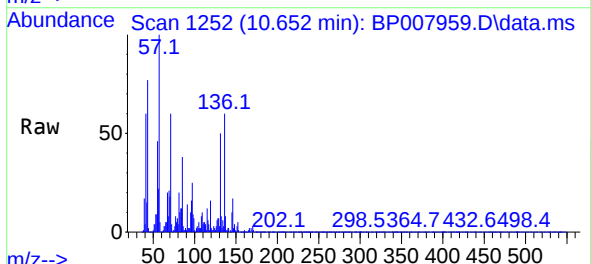
Instrument :
BNA_P
ClientSampleId :
SB-13E-16.0-16.5

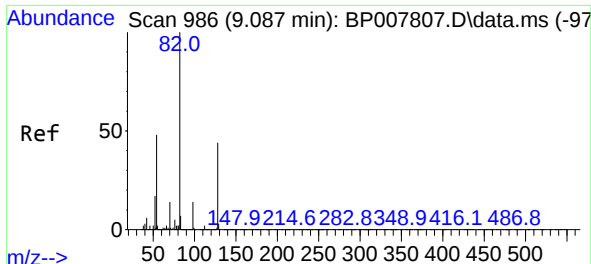
Tgt Ion: 99 Resp: 749412
Ion Ratio Lower Upper
99 100
42 38.0 14.9 22.3#
71 136.3 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BP007959.D
Acq: 11 Nov 2021 22:53

Tgt Ion: 136 Resp: 396291
Ion Ratio Lower Upper
136 100
137 13.6 8.6 13.0#
54 15.1 6.2 9.4#
68 13.4 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 100.873 ng

RT: 9.016 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP007959.D

Acq: 11 Nov 2021 22:53

Instrument :

BNA_P

ClientSampleId :

SB-13E-16.0-16.5

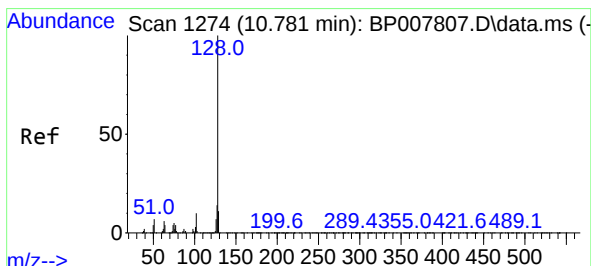
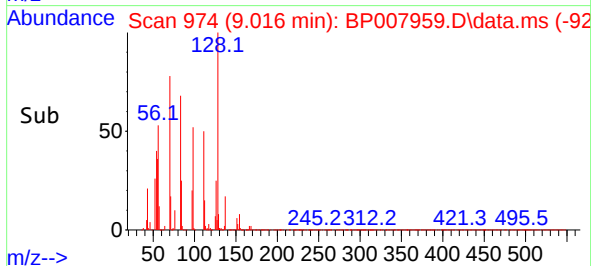
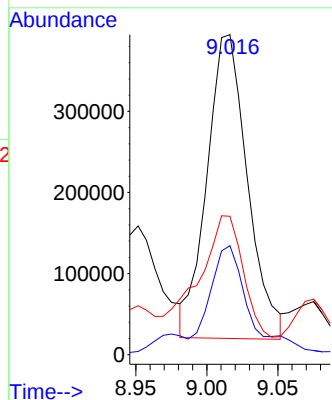
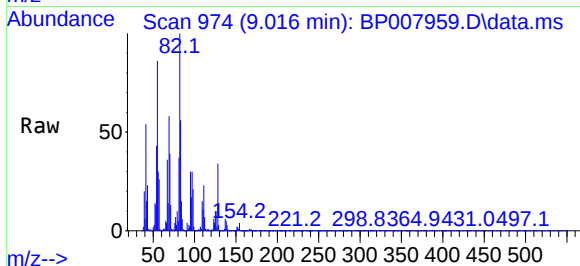
Tgt Ion: 82 Resp: 744173

Ion Ratio Lower Upper

82 100

128 34.0 32.6 48.8

54 43.3 40.4 60.6



#31

Naphthalene

Concen: 48.080 ng

RT: 10.704 min Scan# 1261

Delta R.T. -0.000 min

Lab File: BP007959.D

Acq: 11 Nov 2021 22:53

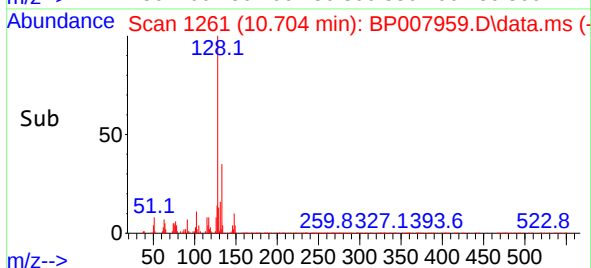
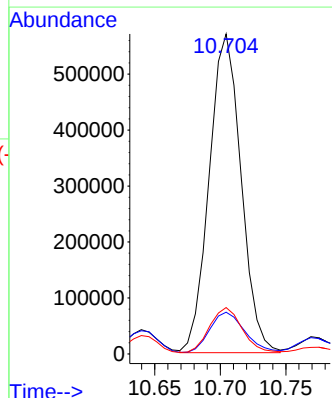
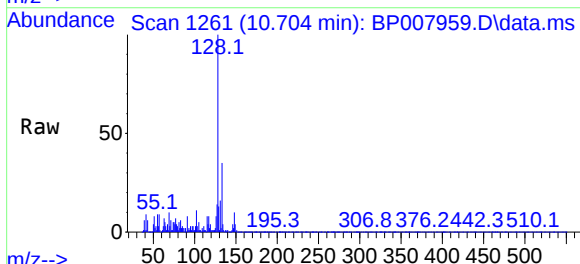
Tgt Ion: 128 Resp: 963837

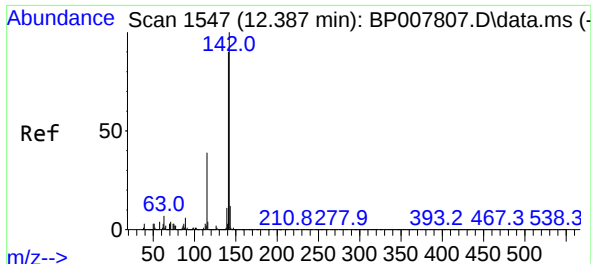
Ion Ratio Lower Upper

128 100

129 13.1 8.9 13.3

127 14.5 10.2 15.4

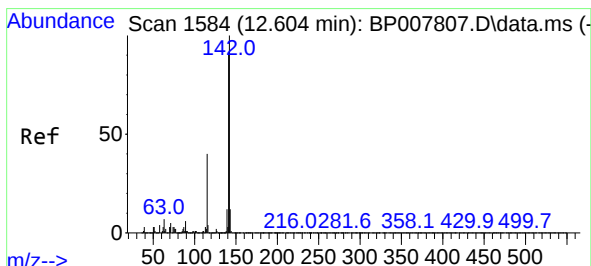
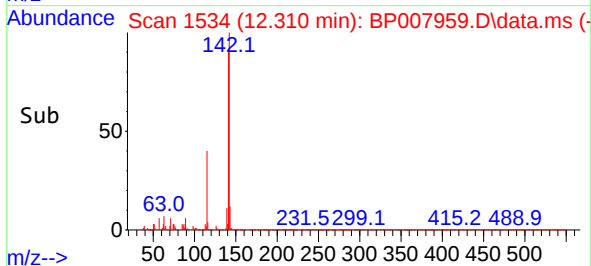
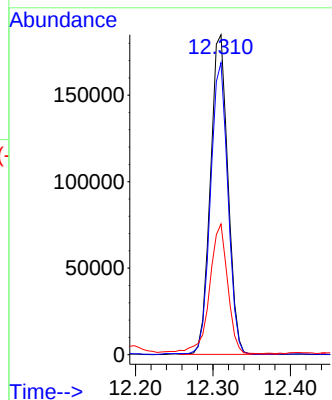
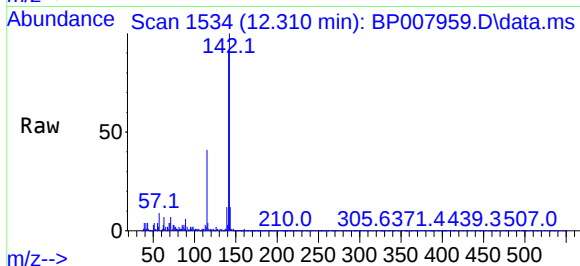




#37
2-Methylnaphthalene
Concen: 19.622 ng
RT: 12.310 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP007959.D
Acq: 11 Nov 2021 22:53

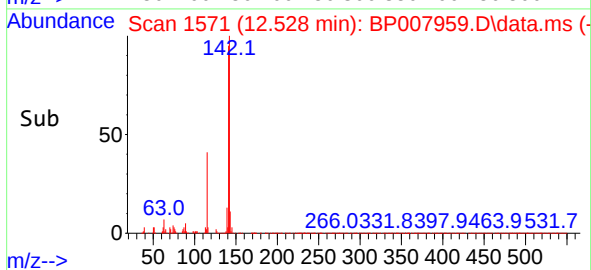
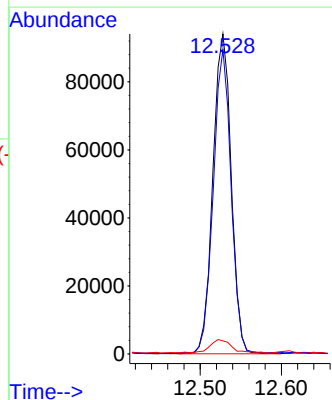
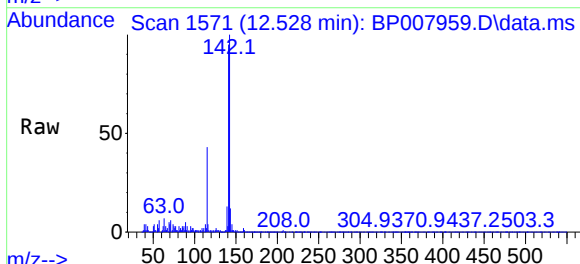
Instrument :
BNA_P
ClientSampleId :
SB-13E-16.0-16.5

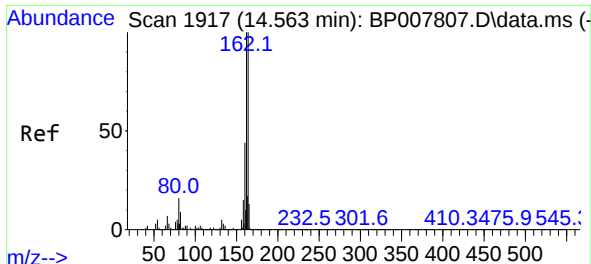
Tgt Ion:142 Resp: 290152
Ion Ratio Lower Upper
142 100
141 91.2 71.4 107.0
115 40.9 29.5 44.3



#38
1-Methylnaphthalene
Concen: 10.155 ng
RT: 12.528 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP007959.D
Acq: 11 Nov 2021 22:53

Tgt Ion:142 Resp: 147126
Ion Ratio Lower Upper
142 100
141 95.2 74.4 111.6
116 4.1 3.4 5.0

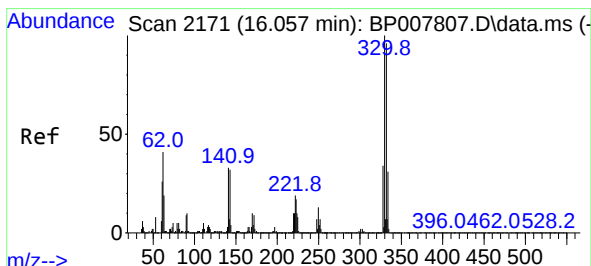
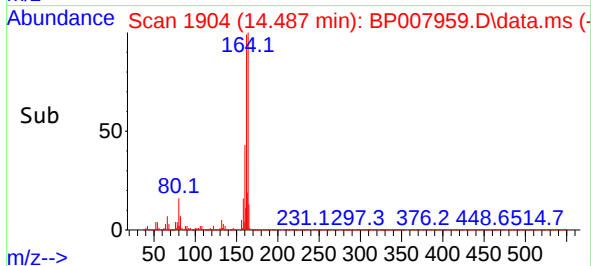
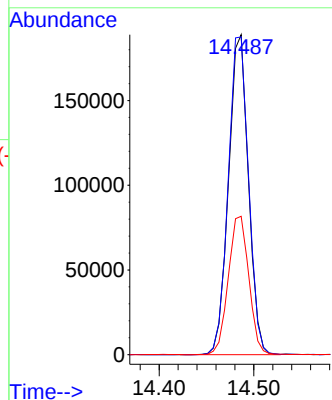
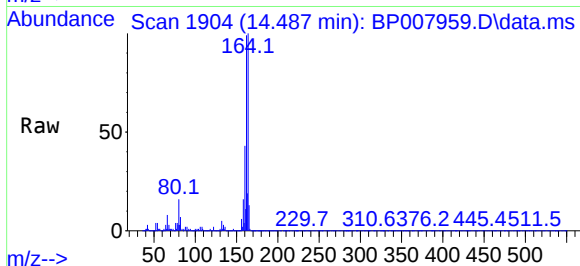




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BP007959.D
Acq: 11 Nov 2021 22:53

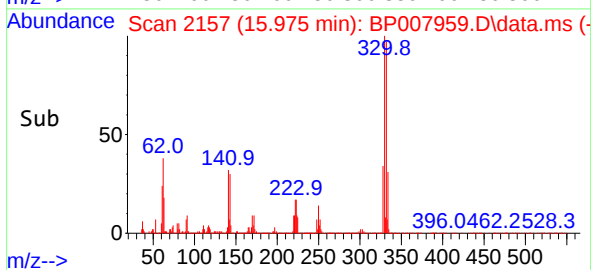
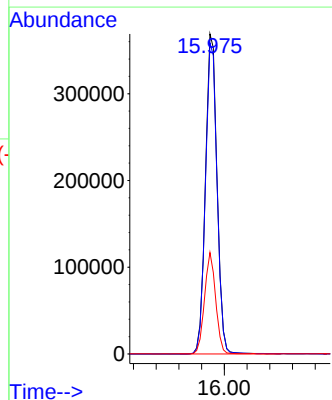
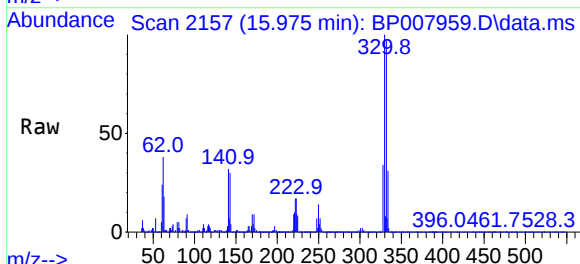
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BNA_P
ClientSampleId :
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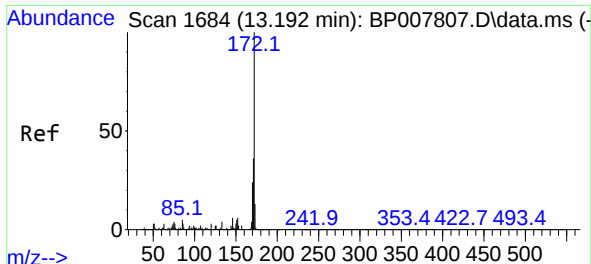
Tgt Ion:164 Resp: 275049
Ion Ratio Lower Upper
164 100
162 99.3 81.1 121.7
160 43.3 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 132.464 ng
RT: 15.975 min Scan# 2157
Delta R.T. -0.012 min
Lab File: BP007959.D
Acq: 11 Nov 2021 22:53

Tgt Ion:330 Resp: 519965
Ion Ratio Lower Upper
330 100
332 97.5 78.9 118.3
141 30.6 30.7 46.1#

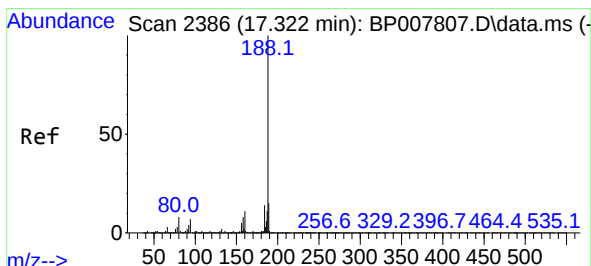
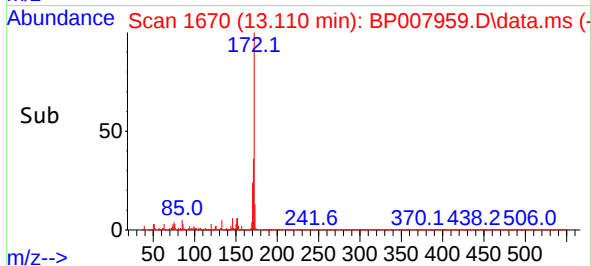
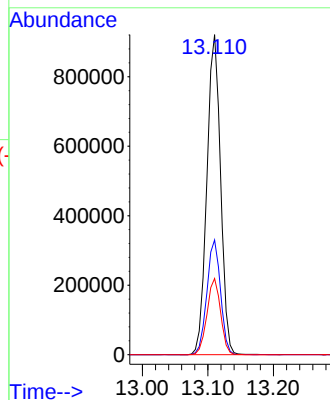
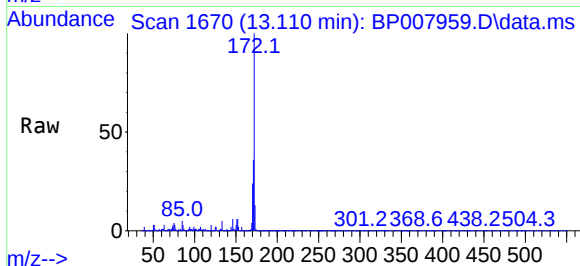




#45
2-Fluorobiphenyl
Concen: 70.926 ng
RT: 13.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP007959.D
Acq: 11 Nov 2021 22:53

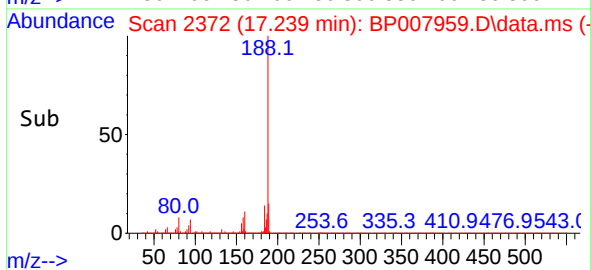
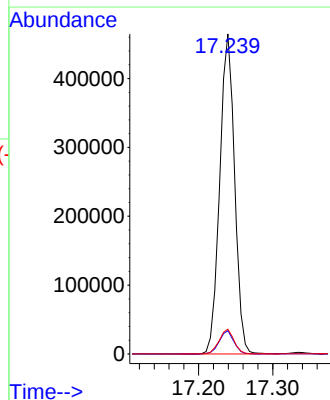
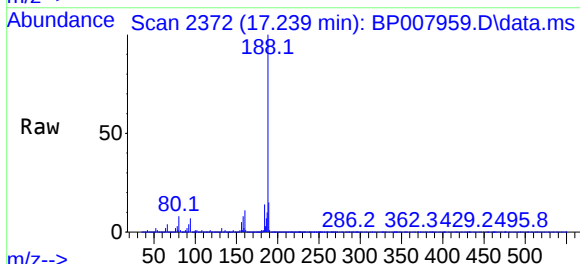
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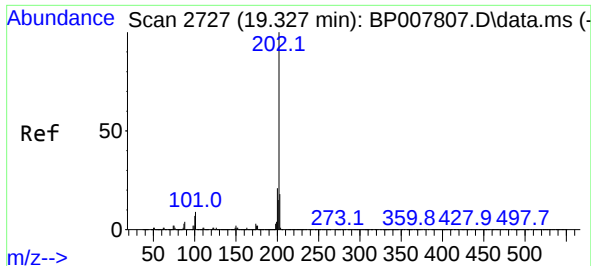
Tgt Ion:172 Resp: 1339590
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.8 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP007959.D
Acq: 11 Nov 2021 22:53

Tgt Ion:188 Resp: 647384
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 7.8 7.8 11.6

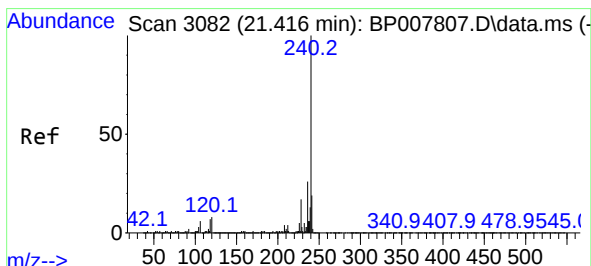
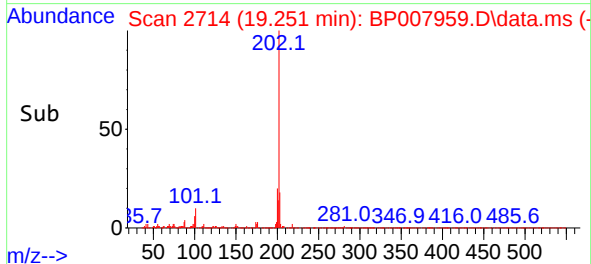
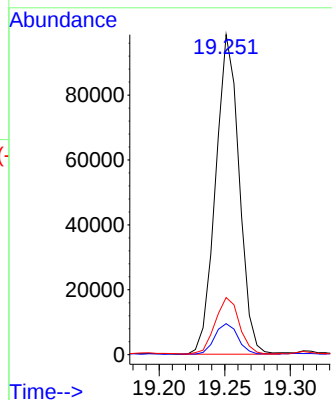
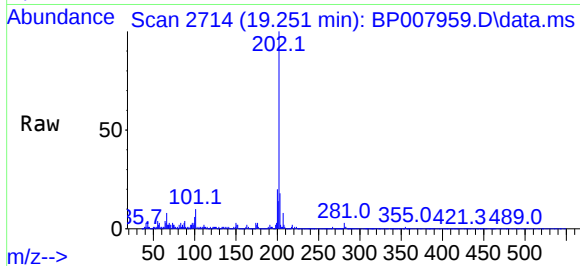




#75
Fluoranthene
Concen: 2.867 ng
RT: 19.251 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007959.D
Acq: 11 Nov 2021 22:53

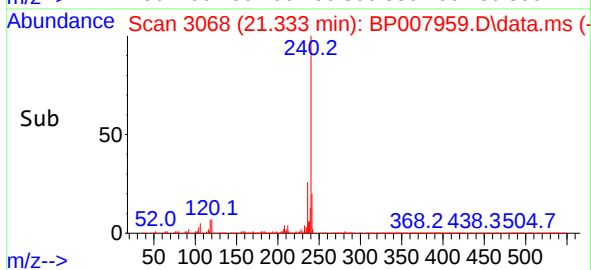
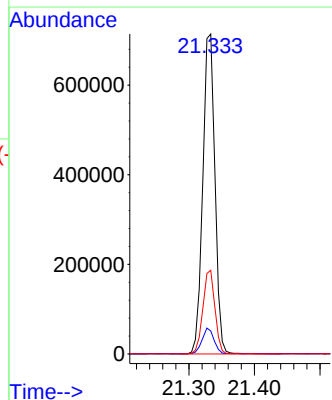
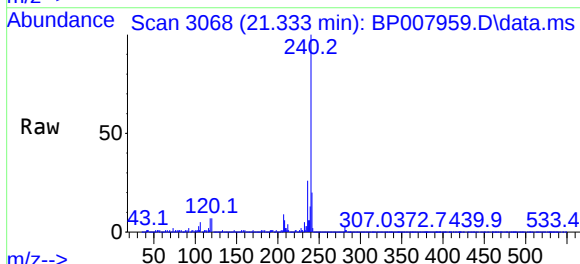
Instrument :
BNA_P
ClientSampleId :
SB-13E-16.0-16.5

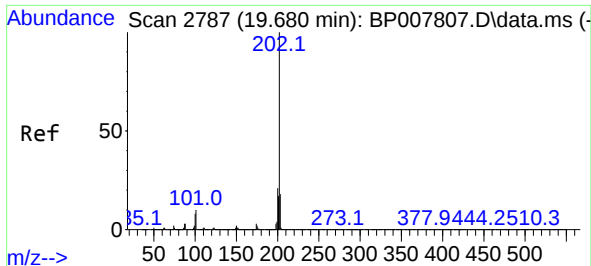
Tgt Ion:202 Resp: 123102
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.4
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3068
Delta R.T. -0.006 min
Lab File: BP007959.D
Acq: 11 Nov 2021 22:53

Tgt Ion:240 Resp: 923073
Ion Ratio Lower Upper
240 100
120 7.2 7.8 11.8#
236 26.2 20.6 30.8

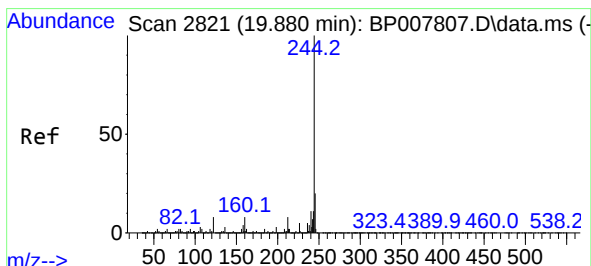
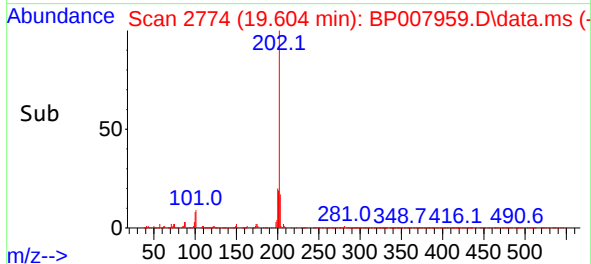
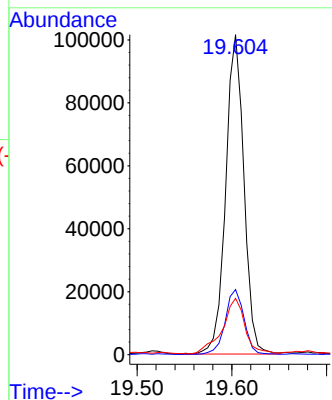
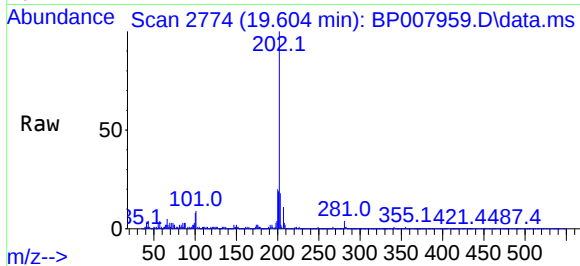




#78
Pyrene
Concen: 2.400 ng
RT: 19.604 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007959.D
Acq: 11 Nov 2021 22:53

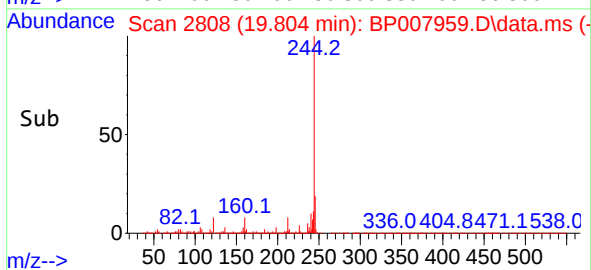
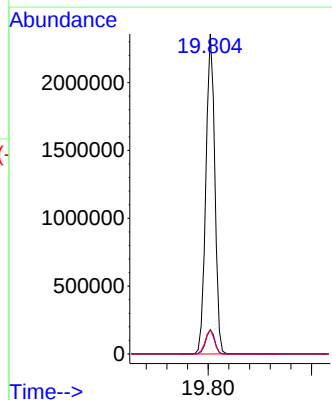
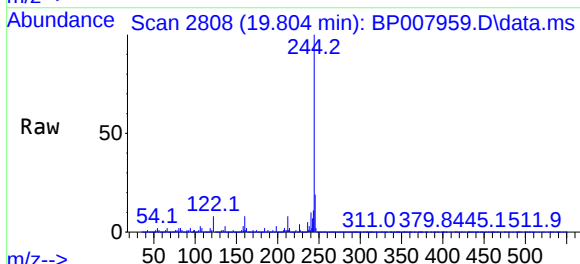
Instrument :
BNA_P
ClientSampleId :
SB-13E-16.0-16.5

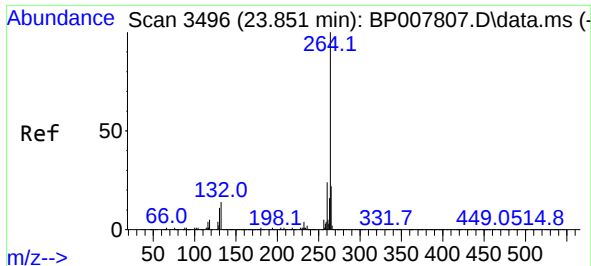
Tgt Ion:202 Resp: 135850
Ion Ratio Lower Upper
202 100
200 20.4 16.9 25.3
203 17.6 13.8 20.6



#79
Terphenyl-d14
Concen: 62.188 ng
RT: 19.804 min Scan# 2808
Delta R.T. -0.006 min
Lab File: BP007959.D
Acq: 11 Nov 2021 22:53

Tgt Ion:244 Resp: 2819055
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.6 7.8 11.8#

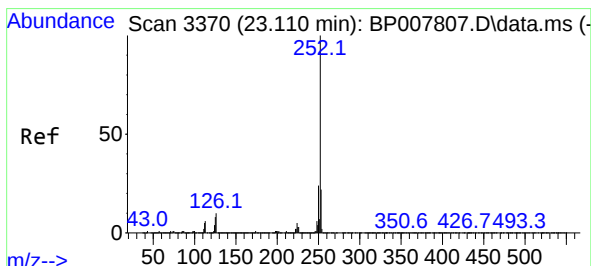
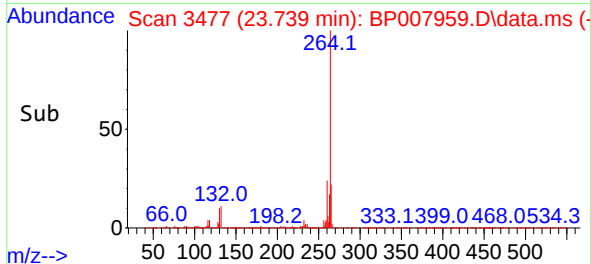
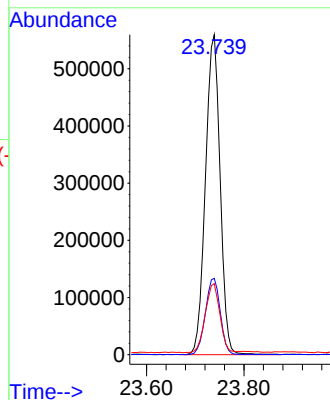
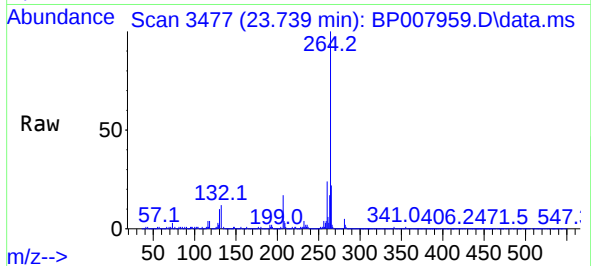




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 34
 Delta R.T. -0.012 min
 Lab File: BP007959.D
 Acq: 11 Nov 2021 22:53

Instrument :
 BNA_P
 ClientSampleId :
 SB-13E-16.0-16.5

Tgt Ion:264 Resp: 1165574
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.2 16.7 25.1



#88
 Benzo(b)fluoranthene
 Concen: 2.035 ng
 RT: 23.004 min Scan# 3352
 Delta R.T. -0.012 min
 Lab File: BP007959.D
 Acq: 11 Nov 2021 22:53

Tgt Ion:252 Resp: 139794
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.4 26.2
 125 10.9 7.4 11.0

