

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
 Data File : BP008975.D
 Acq On : 31 Jan 2022 20:50
 Operator : CG/JU
 Sample : N1337-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS-1

Quant Time: Feb 01 04:22:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 04:16:03 2022
 Response via : Initial Calibration

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

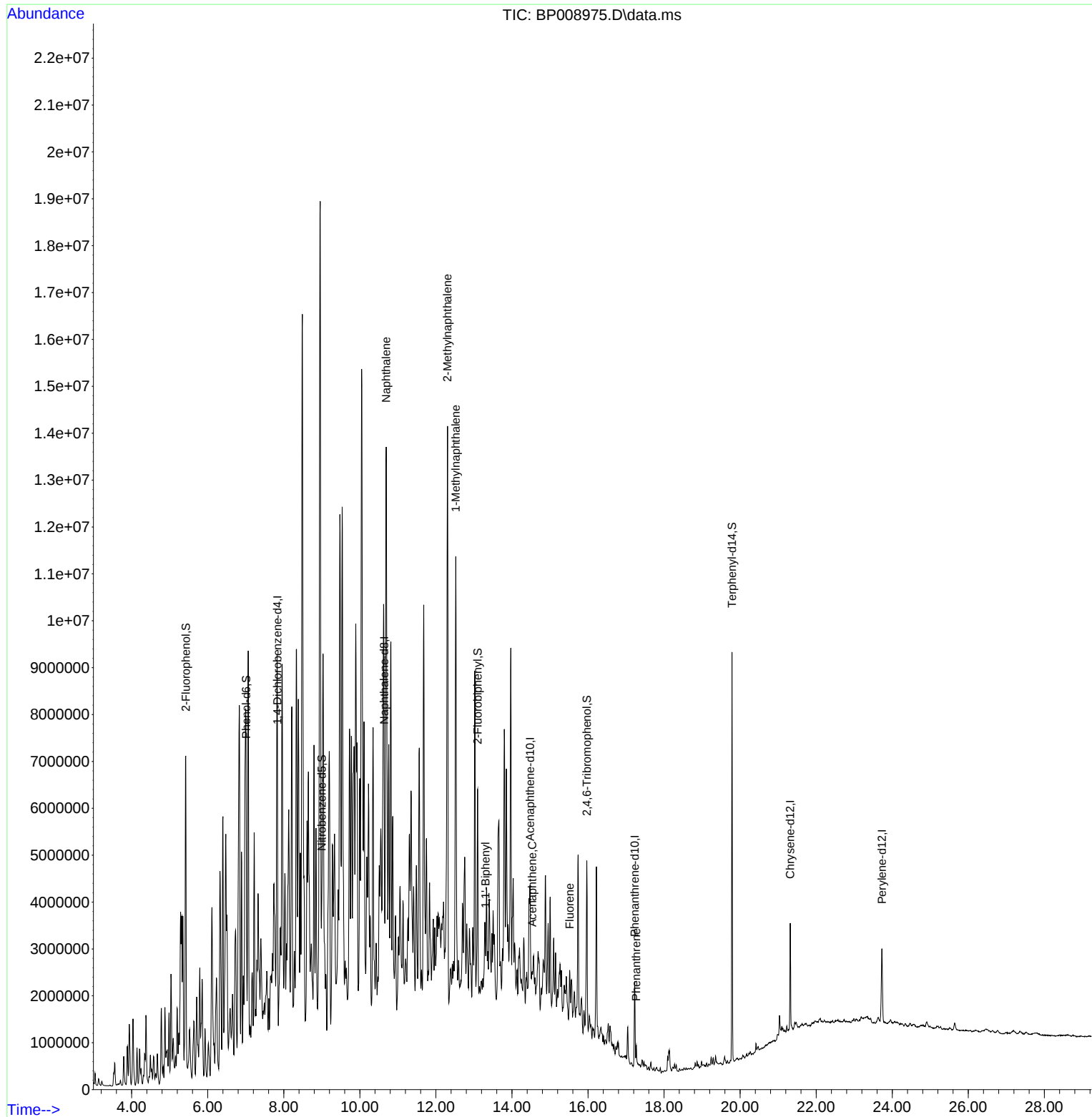
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	203393	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	757559	20.000	ng	# 0.00
39) Acenaphthene-d10	14.475	164	546762	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	1144869	20.000	ng	0.00
76) Chrysene-d12	21.316	240	1182505	20.000	ng	-0.01
86) Perylene-d12	23.727	264	1251778	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1340493	101.919	ng	0.00
7) Phenol-d6	7.011	99	1605397	100.798	ng	0.00
23) Nitrobenzene-d5	8.999	82	1196597	89.676	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	821243	103.188	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	2541638	61.302	ng	0.00
79) Terphenyl-d14	19.786	244	3943567	56.292	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.693	128	6811109	165.536	ng	95
37) 2-Methylnaphthalene	12.304	142	6741069	224.111	ng	96
38) 1-Methylnaphthalene	12.522	142	4669241	169.120	ng	99
46) 1,1'-Biphenyl	13.304	154	137609	3.093	ng	99
52) Acenaphthene	14.534	154	68947	2.243	ng	# 89
58) Fluorene	15.522	166	189467	4.790	ng	# 86
71) Phenanthrene	17.269	178	286283	4.441	ng	98

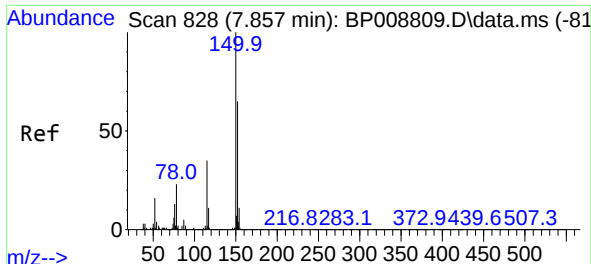
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

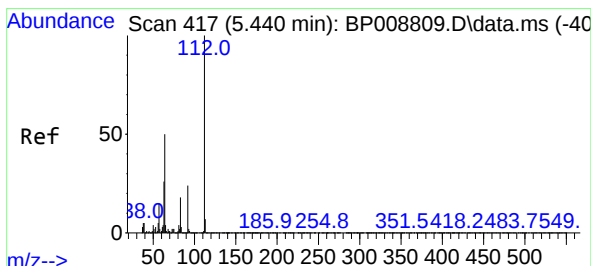
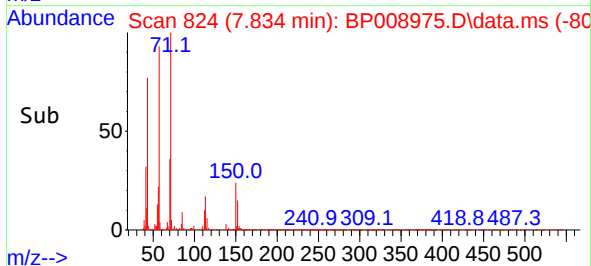
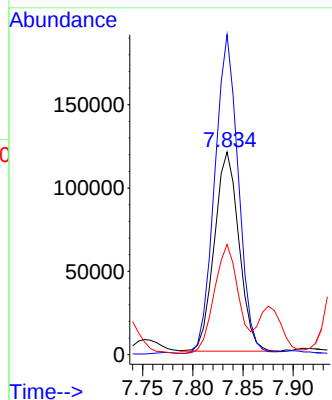
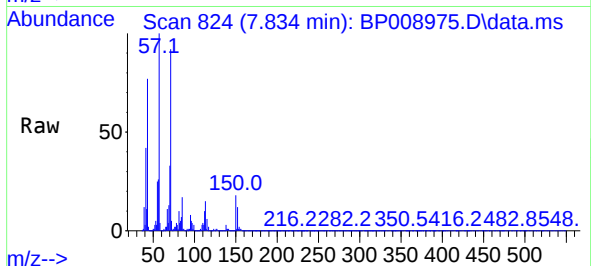




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

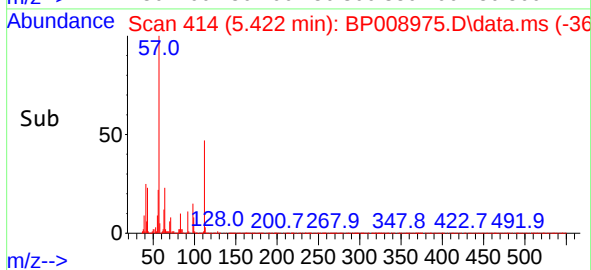
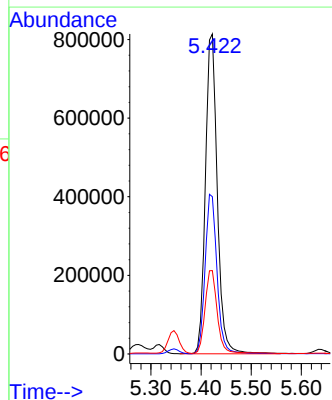
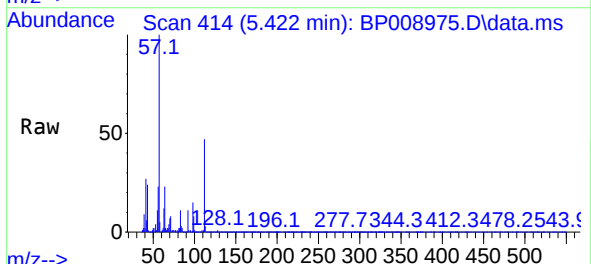
Instrument :
BNA_P
ClientSampleId :
SS-1

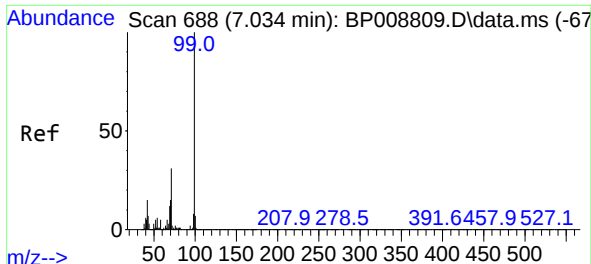
Tgt Ion:152 Resp: 203393
Ion Ratio Lower Upper
152 100
150 157.9 127.0 190.6
115 54.4 43.7 65.5



#5
2-Fluorophenol
Concen: 101.919 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:112 Resp: 1340493
Ion Ratio Lower Upper
112 100
64 49.2 39.7 59.5
63 26.1 20.0 30.0

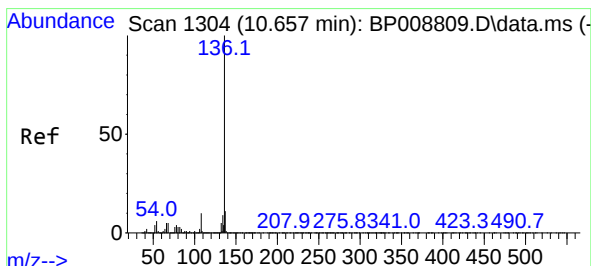
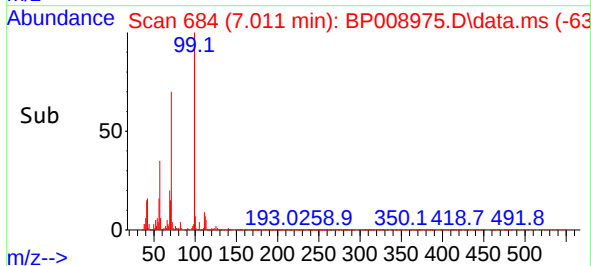
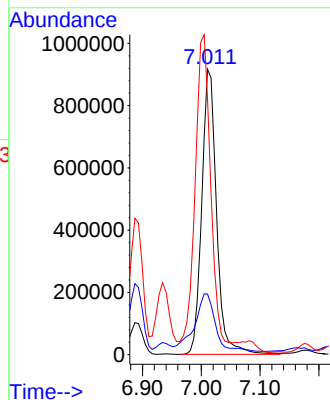
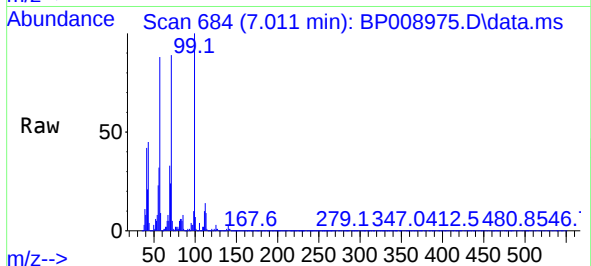




#7
Phenol-d6
Concen: 100.798 ng
RT: 7.011 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

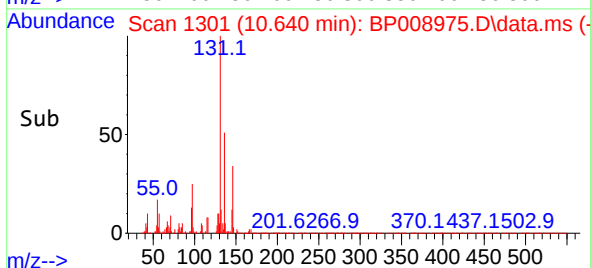
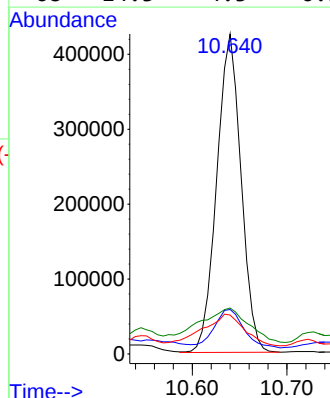
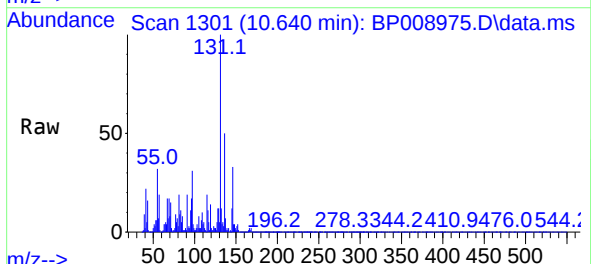
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BNA_P
ClientSampleId :
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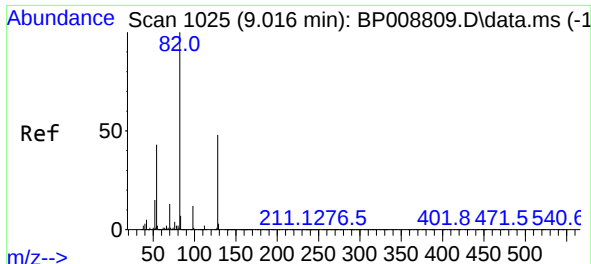
Tgt Ion: 99 Resp: 1605397
Ion Ratio Lower Upper
99 100
42 21.3 10.8 16.2#
71 89.4 23.8 35.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion: 136 Resp: 757559
Ion Ratio Lower Upper
136 100
137 13.9 9.0 13.4#
54 12.2 4.9 7.3#
68 14.3 4.3 6.5#

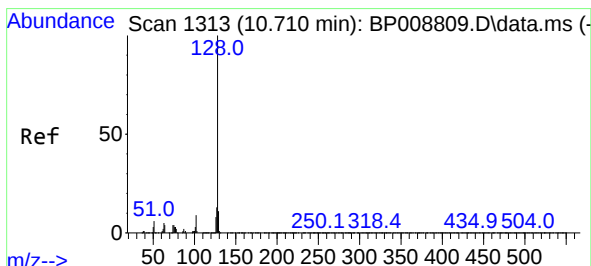
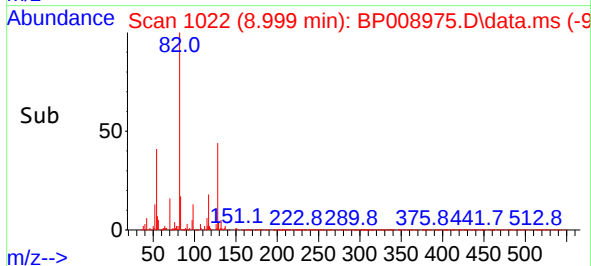
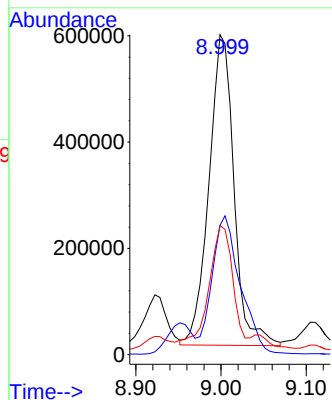
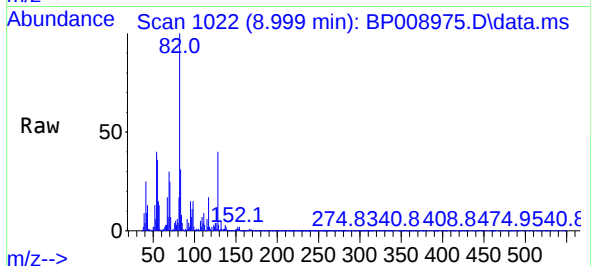




#23
Nitrobenzene-d5
Concen: 89.676 ng
RT: 8.999 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

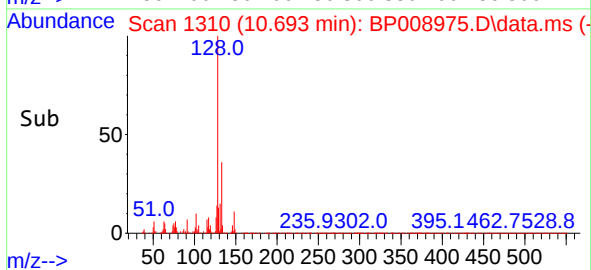
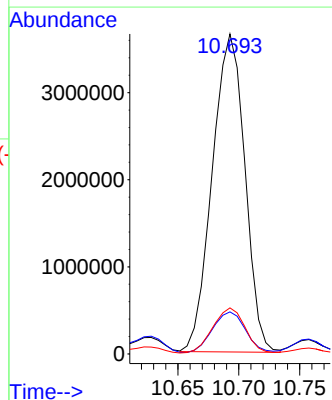
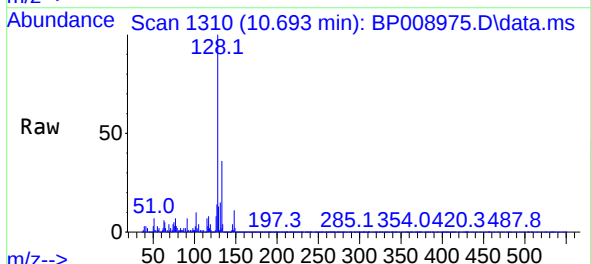
Instrument :
BNA_P
ClientSampleId :
SS-1

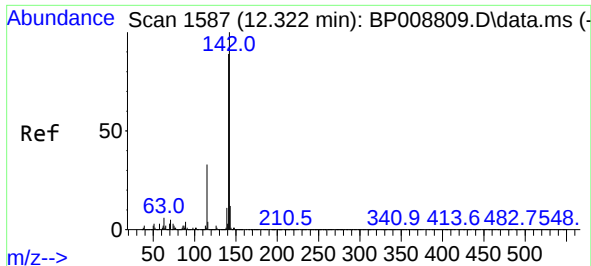
Tgt Ion: 82 Resp: 1196597
Ion Ratio Lower Upper
82 100
128 40.5 39.4 59.2
54 40.4 32.6 48.8



#31
Naphthalene
Concen: 165.536 ng
RT: 10.693 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion: 128 Resp: 6811109
Ion Ratio Lower Upper
128 100
129 13.2 8.8 13.2
127 14.4 10.4 15.6

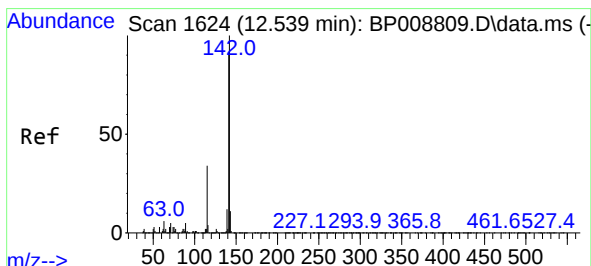
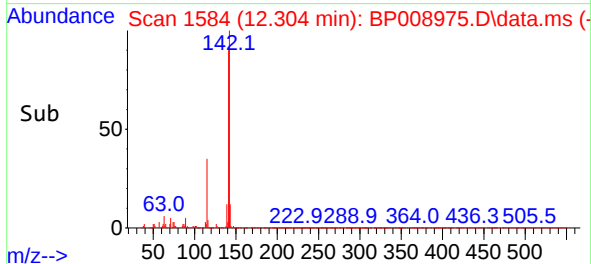
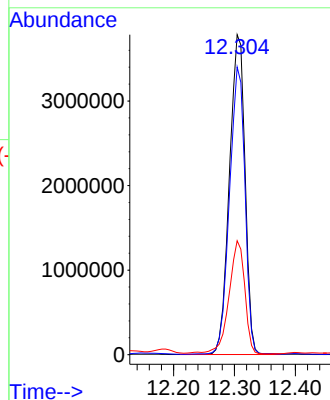
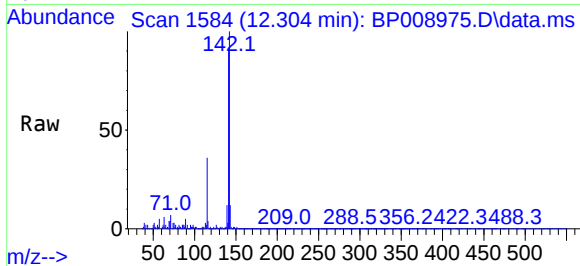




#37
2-Methylnaphthalene
Concen: 224.111 ng
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

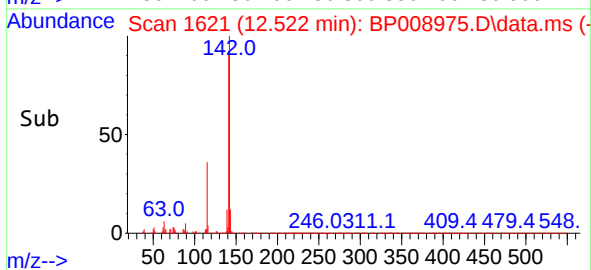
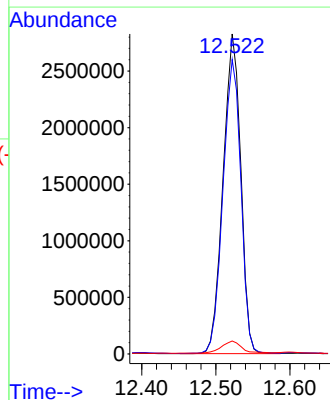
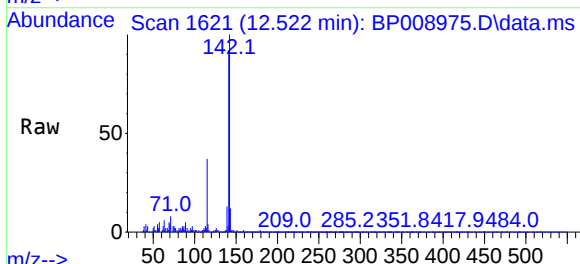
Instrument :
BNA_P
ClientSampleId :
SS-1

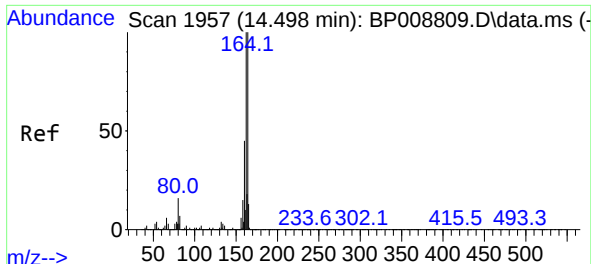
Tgt Ion:142 Resp: 6741069
Ion Ratio Lower Upper
142 100
141 89.9 70.5 105.7
115 35.6 24.6 36.8



#38
1-Methylnaphthalene
Concen: 169.120 ng
RT: 12.522 min Scan# 1621
Delta R.T. 0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:142 Resp: 4669241
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8
116 4.1 2.7 4.1

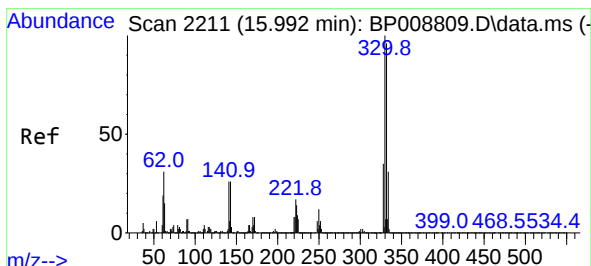
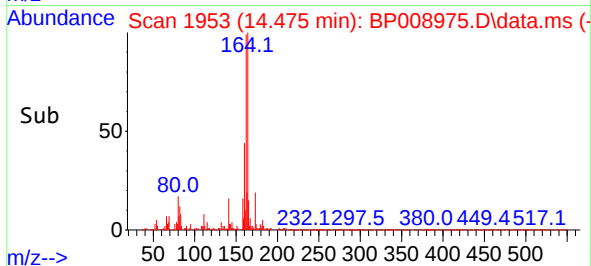
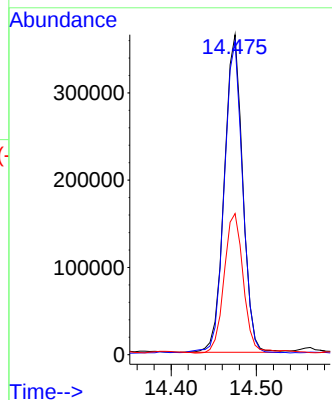
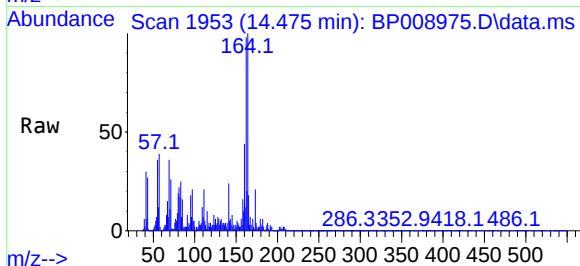




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

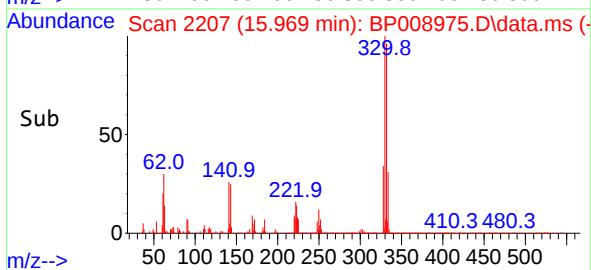
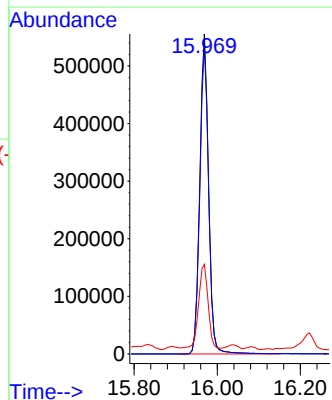
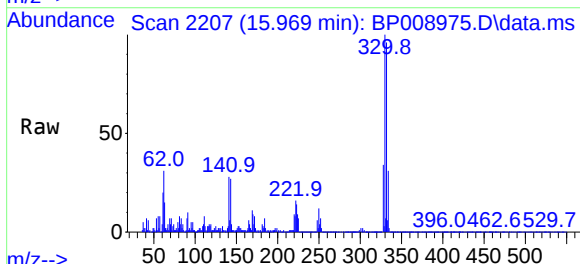
Instrument :
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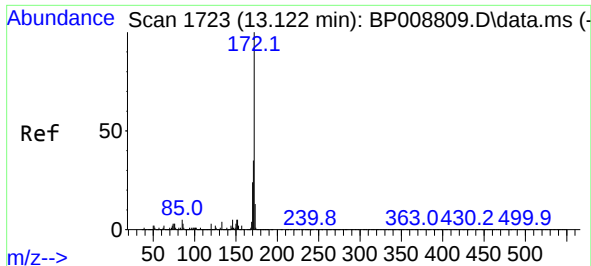
Tgt Ion:164 Resp: 546762
Ion Ratio Lower Upper
164 100
162 97.9 79.9 119.9
160 44.1 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 103.188 ng
RT: 15.969 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:330 Resp: 821243
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 28.8 21.3 31.9

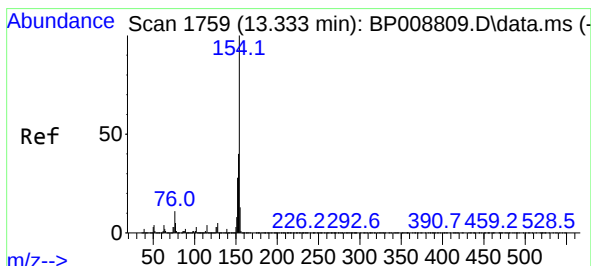
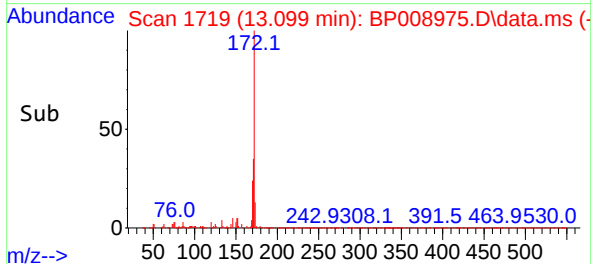
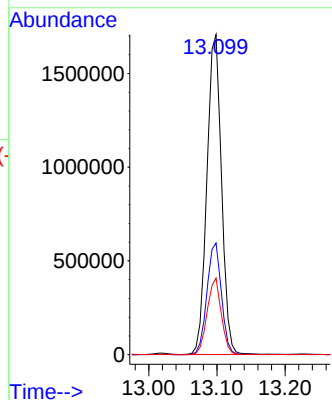
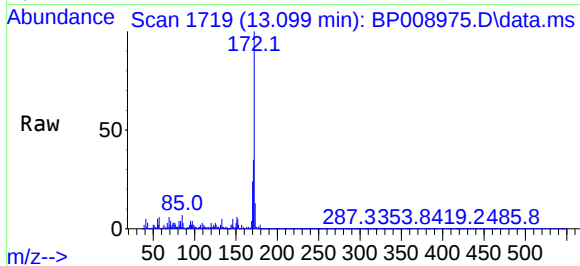




#45
2-Fluorobiphenyl
Concen: 61.302 ng
RT: 13.099 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

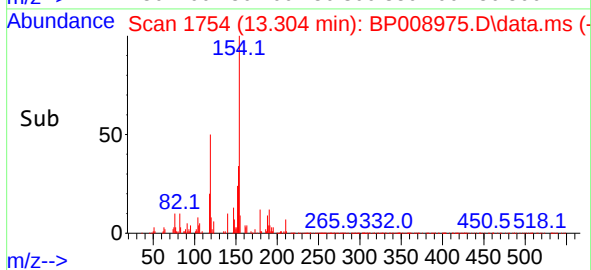
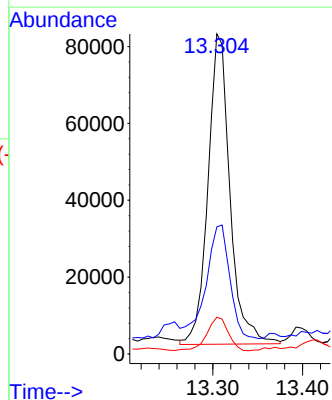
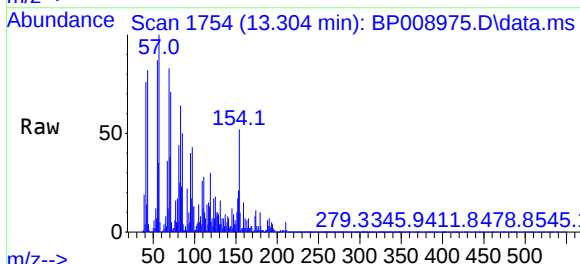
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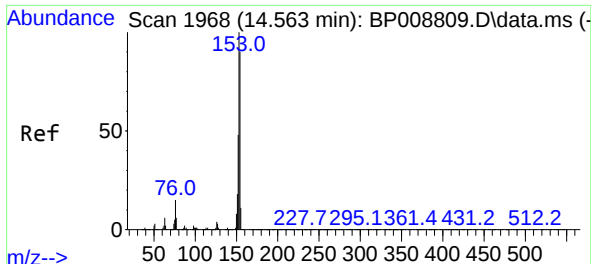
Tgt Ion:172 Resp: 2541638
Ion Ratio Lower Upper
172 100
171 34.9 29.3 43.9
170 24.0 19.5 29.3



#46
1,1'-Biphenyl
Concen: 3.093 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:154 Resp: 137609
Ion Ratio Lower Upper
154 100
153 39.7 20.3 60.3
76 11.5 0.0 31.1

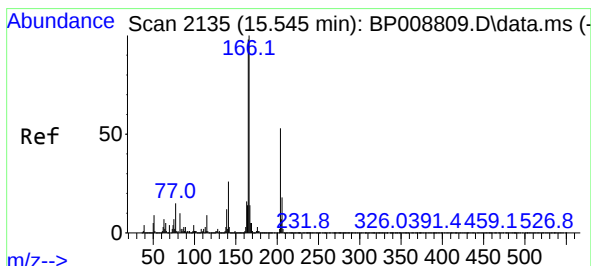
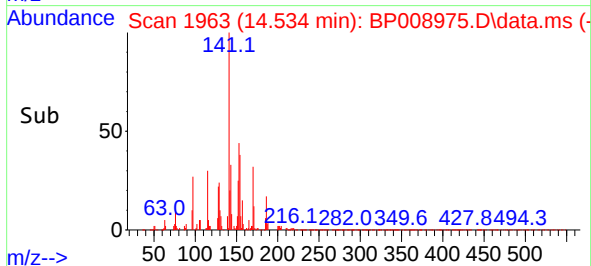
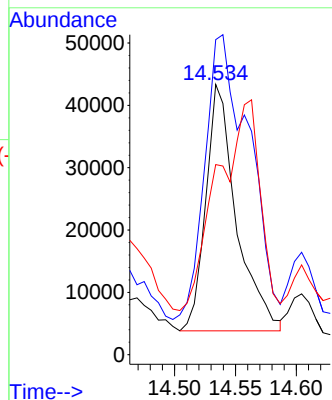
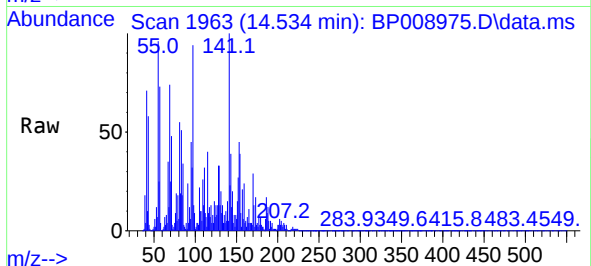




#52
Acenaphthene
Concen: 2.243 ng
RT: 14.534 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

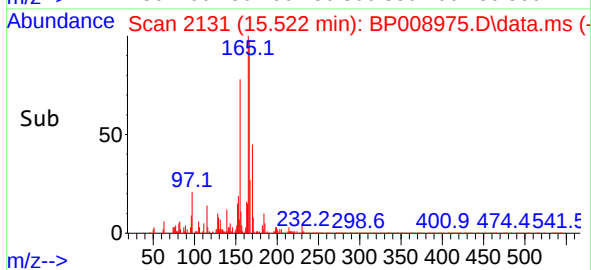
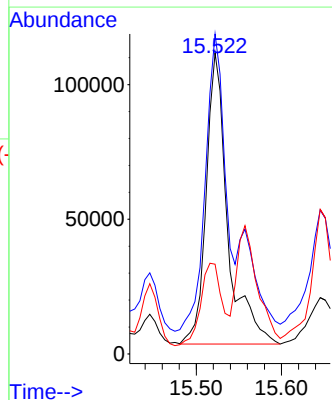
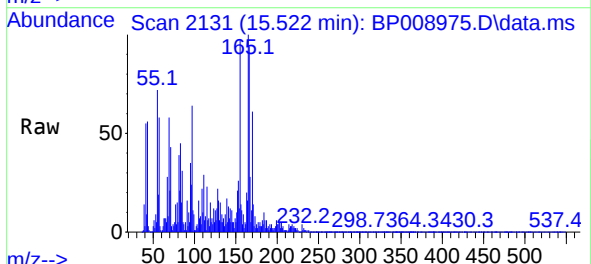
Instrument :
BNA_P
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SS-1

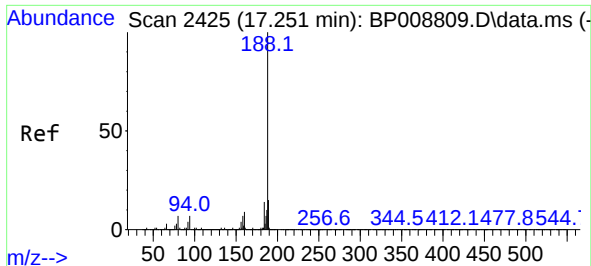
Tgt Ion:154 Resp: 68947
Ion Ratio Lower Upper
154 100
153 116.6 89.4 134.2
152 70.3 42.6 63.8#



#58
Fluorene
Concen: 4.790 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:166 Resp: 189467
Ion Ratio Lower Upper
166 100
165 106.3 77.2 115.8
167 29.8 11.2 16.8#

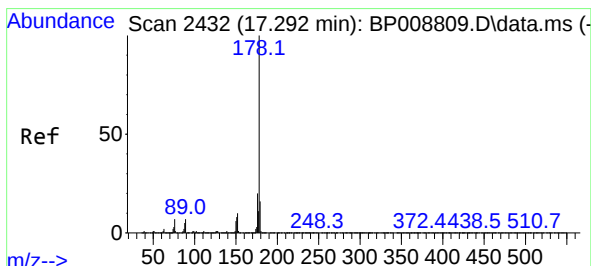
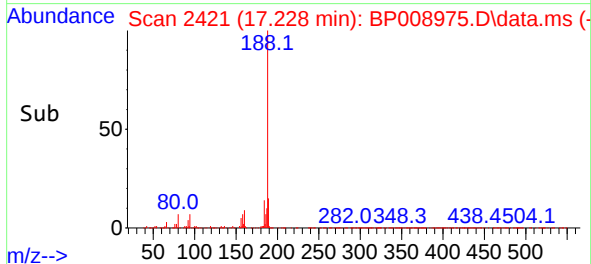
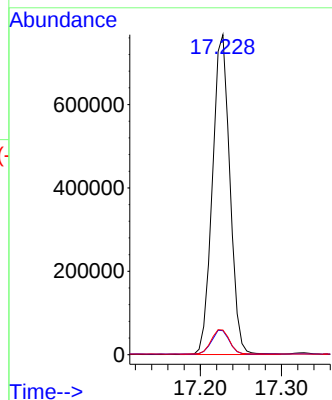
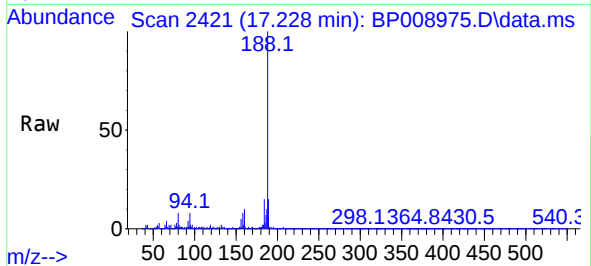




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

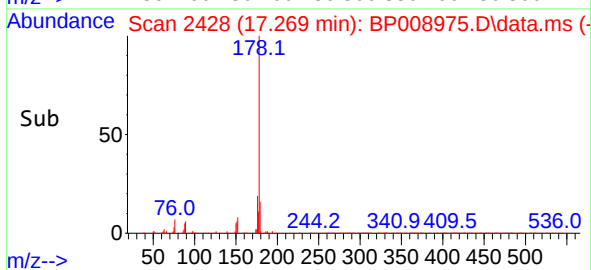
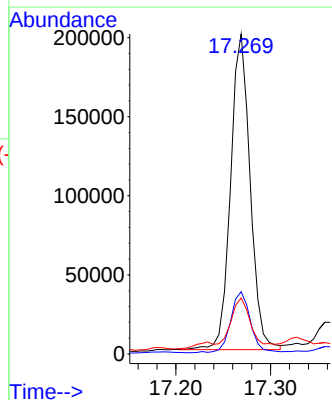
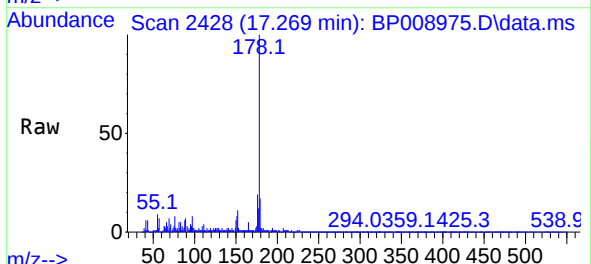
Instrument :
BNA_P
ClientSampleId :
SS-1

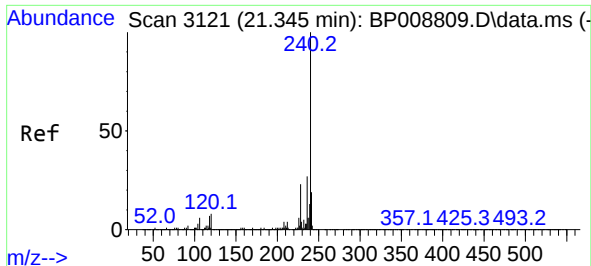
Tgt Ion:188 Resp: 1144869
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.7 7.2 10.8



#71
Phenanthrene
Concen: 4.441 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:178 Resp: 286283
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 17.5 13.0 19.4

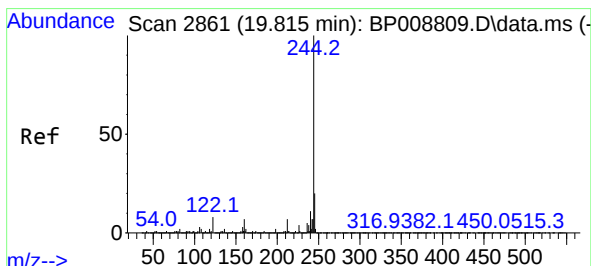
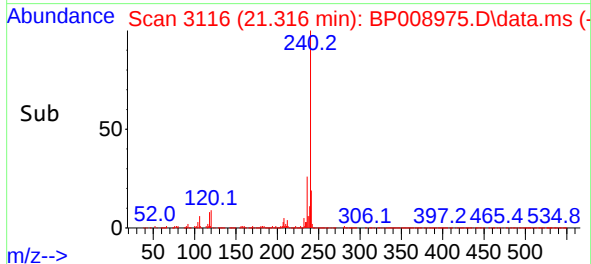
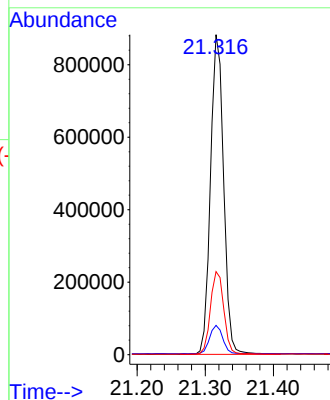
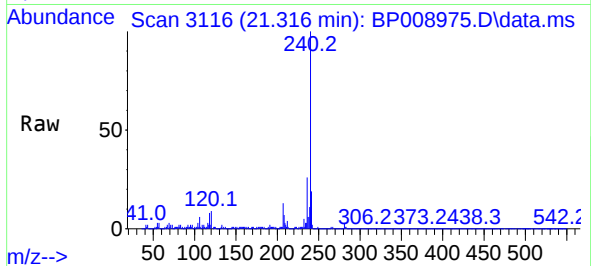




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 31
Delta R.T. -0.011 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

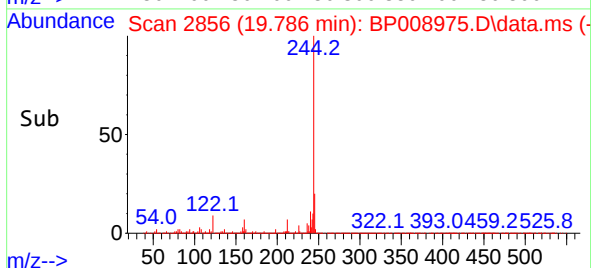
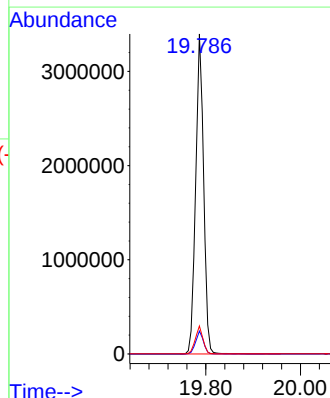
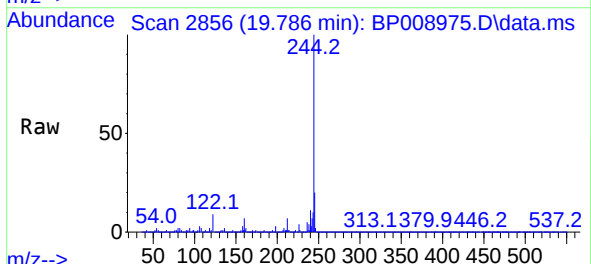
Instrument :
BNA_P
ClientSampleId :
SS-1

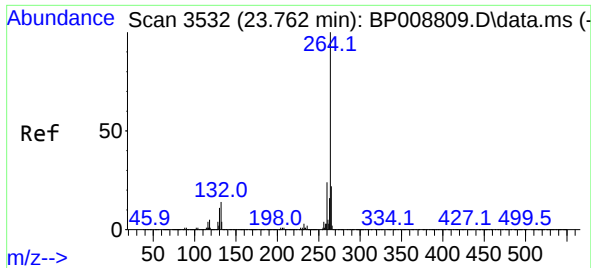
Tgt Ion:240 Resp: 1182505
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 25.9 21.2 31.8



#79
Terphenyl-d14
Concen: 56.292 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.011 min
Lab File: BP008975.D
Acq: 31 Jan 2022 20:50

Tgt Ion:244 Resp: 3943567
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 8.7 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BP008975.D
 Acq: 31 Jan 2022 20:50

Instrument :
 BNA_P
 ClientSampleId :
 SS-1

Tgt Ion:264 Resp: 1251778
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.1 28.7
 265 22.1 17.1 25.7

