

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
 Data File : BP008829.D
 Acq On : 17 Jan 2022 18:08
 Operator : CG/JU
 Sample : N1158-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 R-1

Quant Time: Jan 18 03:43:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

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

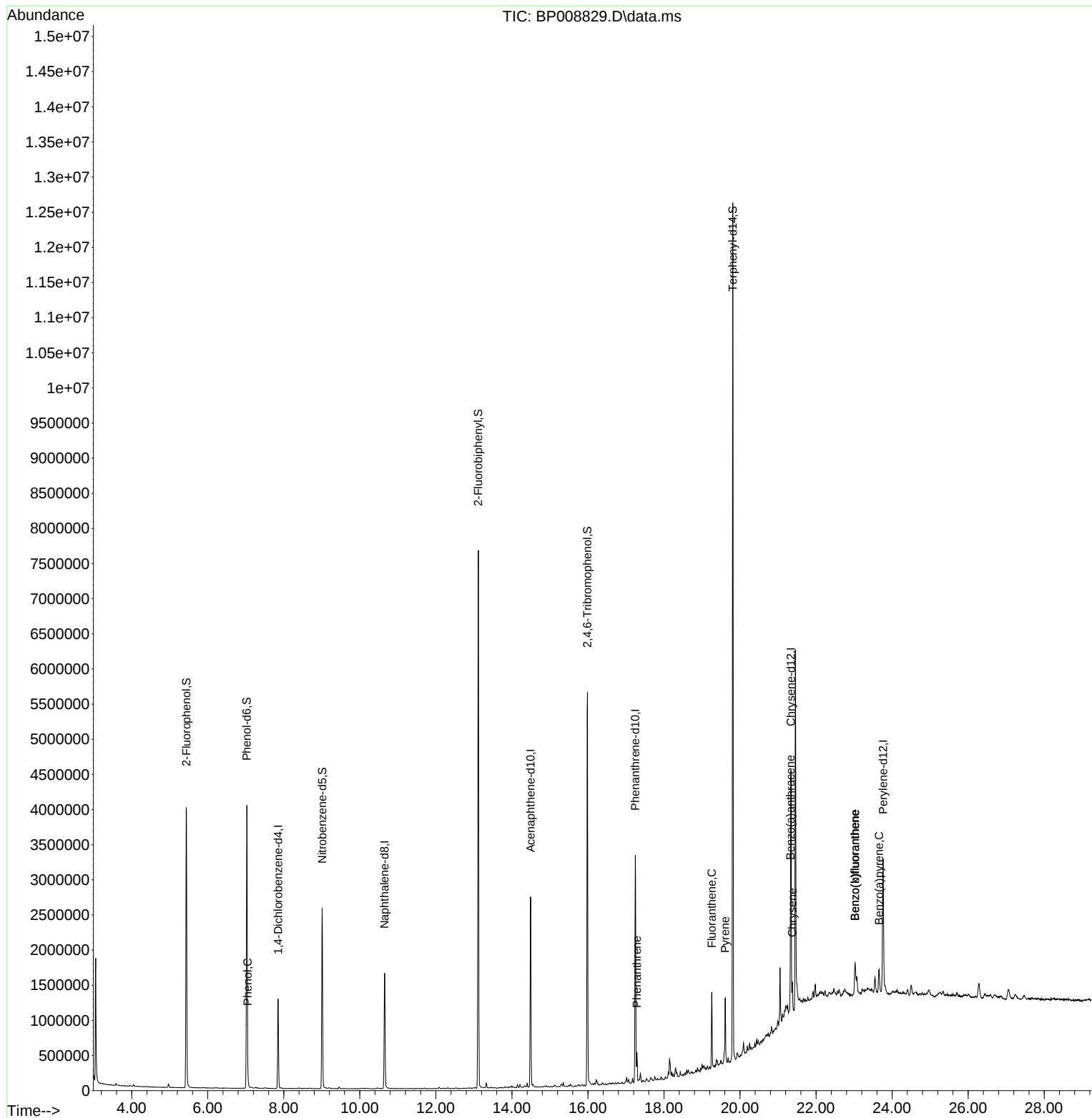
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	375344	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1510992	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	989343	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	2036564	20.000	ng	0.00
76) Chrysene-d12	21.339	240	1551108	20.000	ng	0.00
86) Perylene-d12	23.763	264	1456401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1994147	82.159	ng	0.00
7) Phenol-d6	7.028	99	2508612	85.351	ng	0.00
23) Nitrobenzene-d5	9.010	82	1543821	58.007	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	1232090	85.556	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	4112175	54.813	ng	0.00
79) Terphenyl-d14	19.810	244	5786919	62.974	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.052	94	75152	2.508	ng	74
71) Phenanthrene	17.286	178	279910	2.441	ng	98
75) Fluoranthene	19.257	202	610743	4.790	ng	97
78) Pyrene	19.610	202	570349	5.270	ng	98
81) Benzo(a)anthracene	21.327	228	291649	2.795	ng	99
83) Chrysene	21.374	228	277672	2.745	ng	96
88) Benzo(b)fluoranthene	23.021	252	361301	3.715	ng	# 94
89) Benzo(k)fluoranthene	23.021	252	361301	3.838	ng	95
90) Benzo(a)pyrene	23.657	252	248647	2.649	ng	# 94

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

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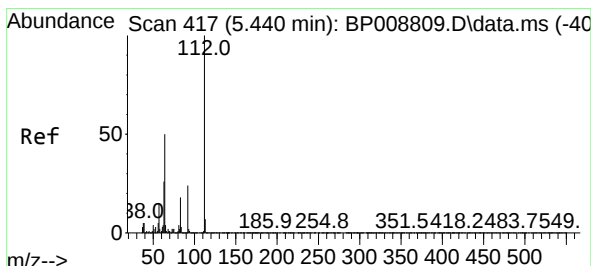
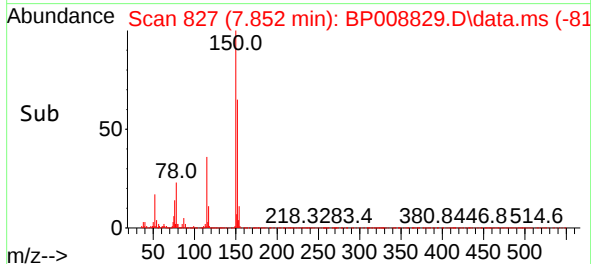
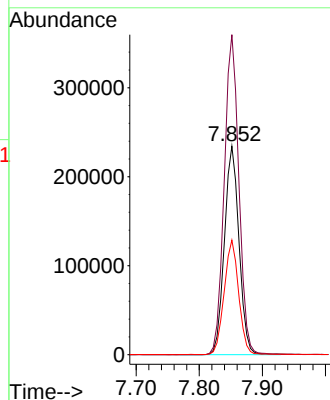
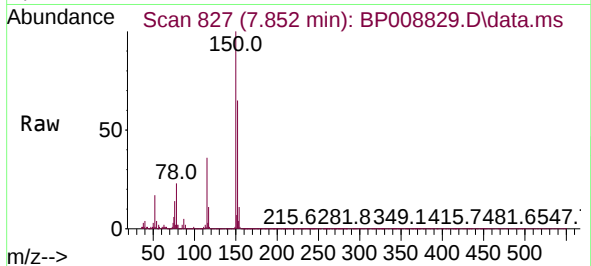




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

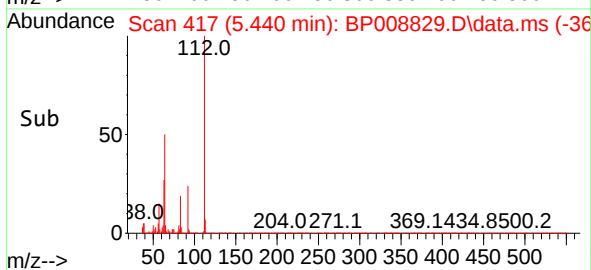
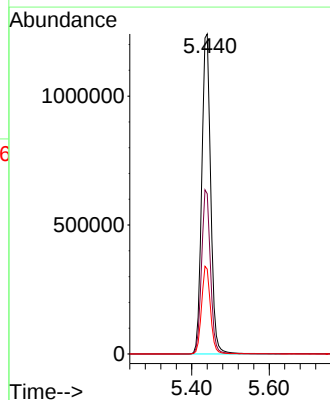
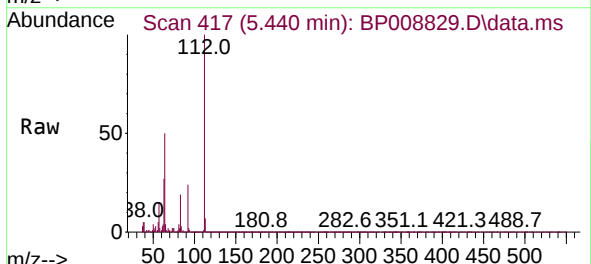
Instrument :
BNA_P
ClientSampleId :
R-1

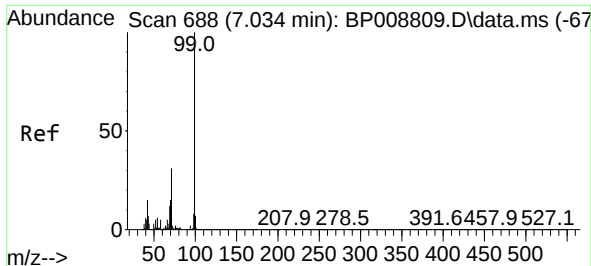
Tgt Ion:152 Resp: 375344
Ion Ratio Lower Upper
152 100
150 153.5 127.0 190.6
115 55.0 43.7 65.5



#5
2-Fluorophenol
Concen: 82.159 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.000 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

Tgt Ion:112 Resp: 1994147
Ion Ratio Lower Upper
112 100
64 50.0 39.7 59.5
63 26.5 20.0 30.0



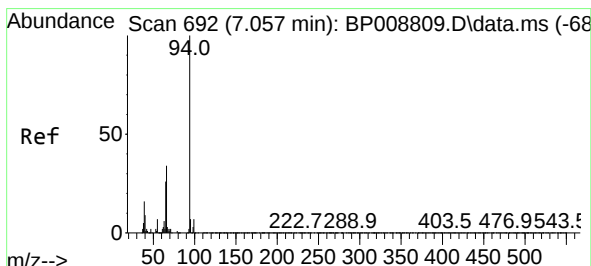
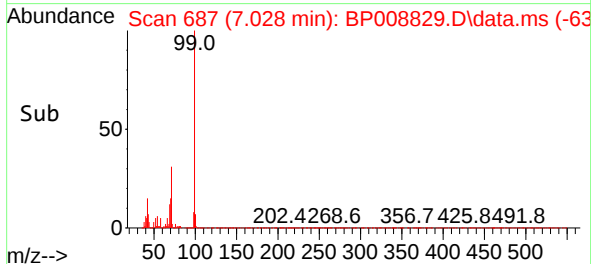
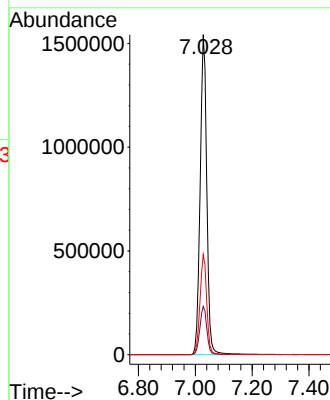
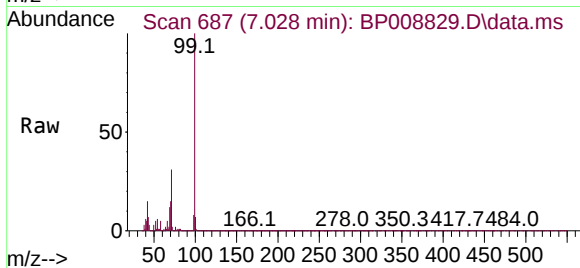


#7
Phenol-d6
Concen: 85.351 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

Instrument :
BNA_P
ClientSampleId :
R-1

Tgt Ion: 99 Resp: 2508612

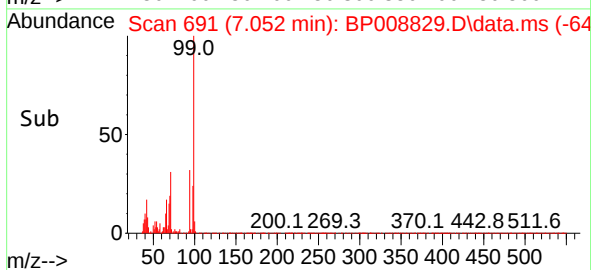
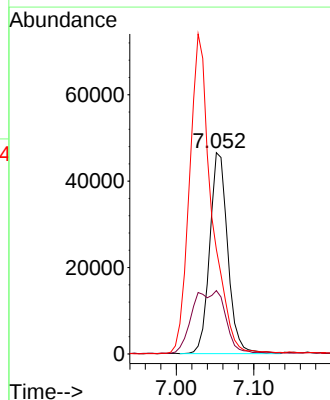
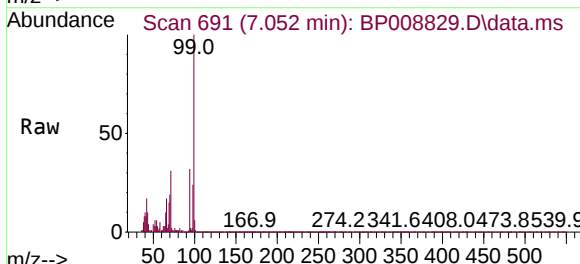
Ion	Ratio	Lower	Upper
99	100		
42	15.0	10.8	16.2
71	31.3	23.8	35.6

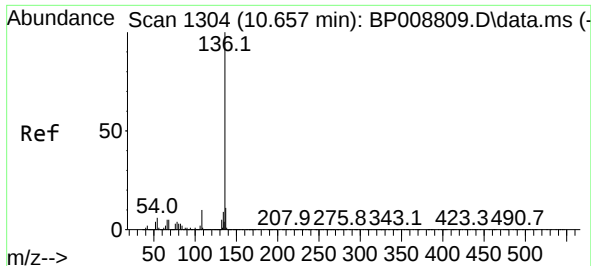


#10
Phenol
Concen: 2.508 ng
RT: 7.052 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

Tgt Ion: 94 Resp: 75152

Ion	Ratio	Lower	Upper
94	100		
65	31.5	4.1	44.1
66	52.0	12.4	52.4



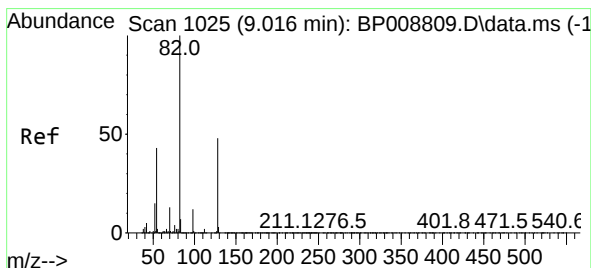
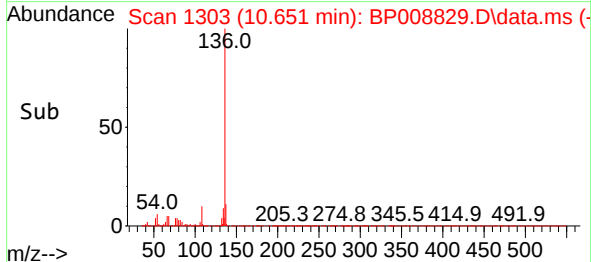
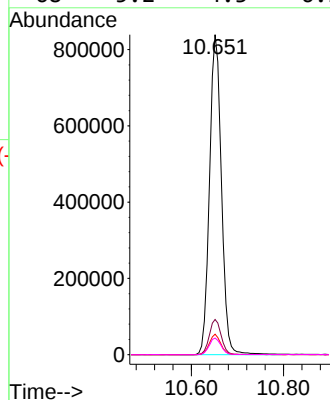
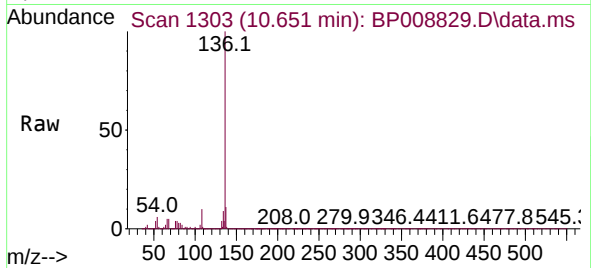


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

Instrument :
BNA_P
ClientSampleId :
R-1

Tgt Ion:136 Resp: 1510992

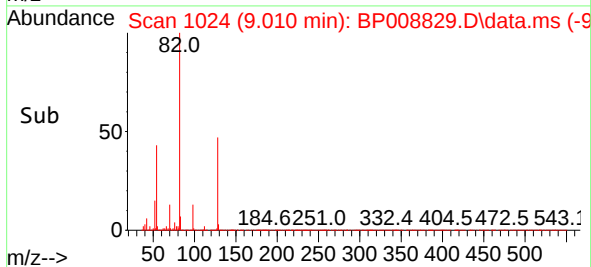
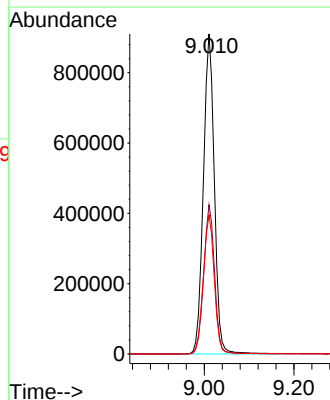
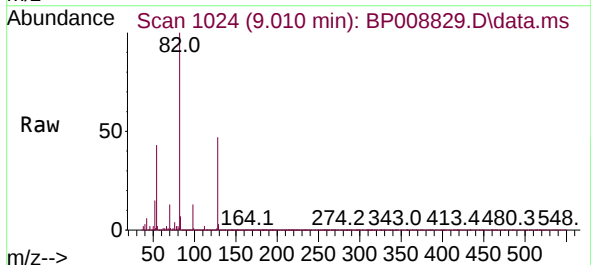
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.4	4.9	7.3
68	5.2	4.3	6.5

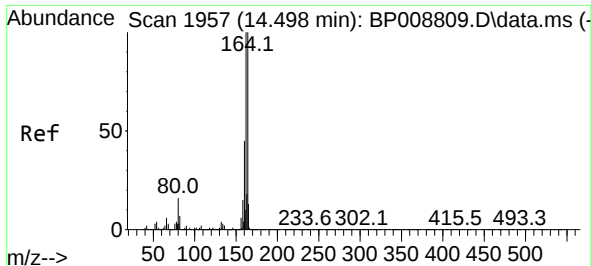


#23
Nitrobenzene-d5
Concen: 58.007 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

Tgt Ion: 82 Resp: 1543821

Ion	Ratio	Lower	Upper
82	100		
128	46.6	39.4	59.2
54	43.5	32.6	48.8

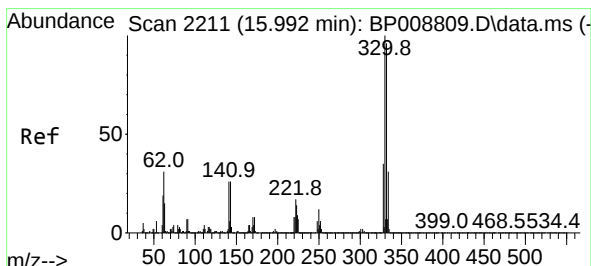
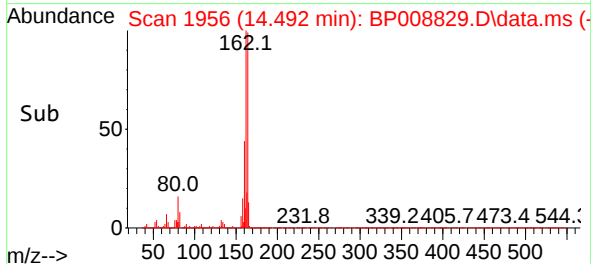
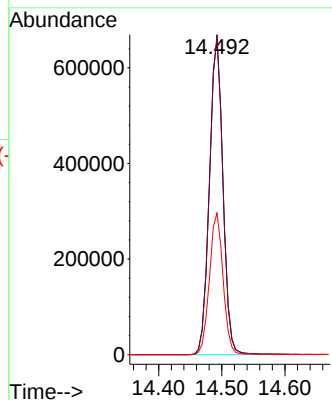
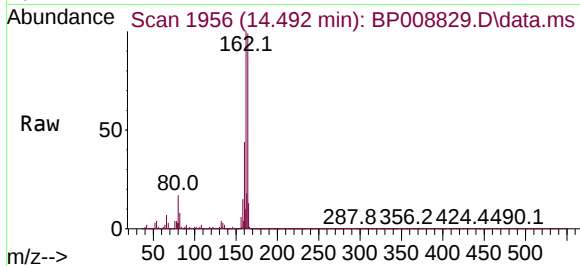




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

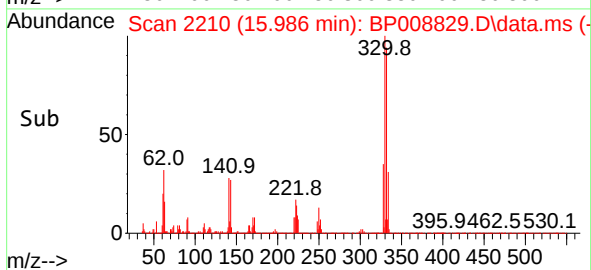
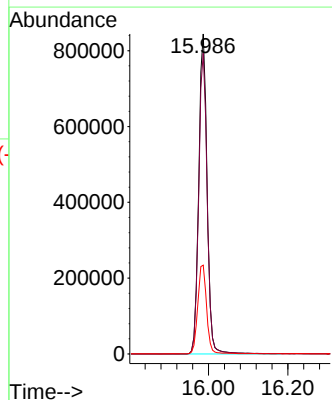
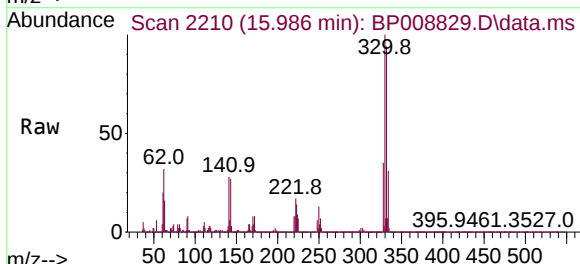
Instrument :
BNA_P
ClientSampleId :
R-1

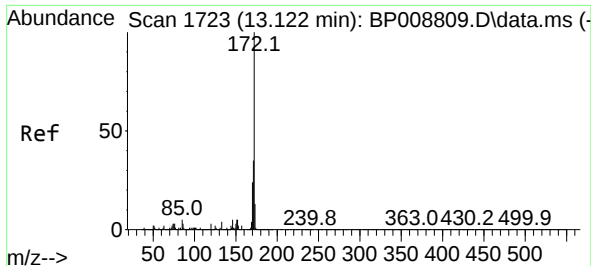
Tgt Ion:164 Resp: 989343
Ion Ratio Lower Upper
164 100
162 101.3 79.9 119.9
160 44.8 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 85.556 ng
RT: 15.986 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

Tgt Ion:330 Resp: 1232090
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.4
141 29.4 21.3 31.9

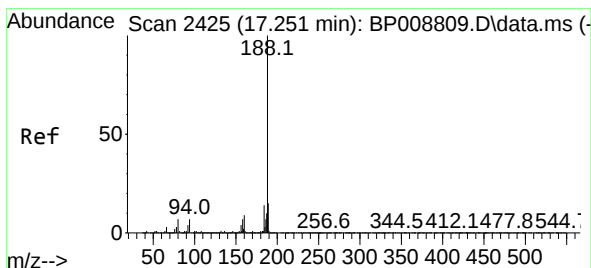
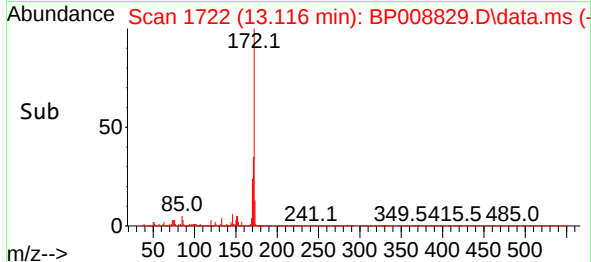
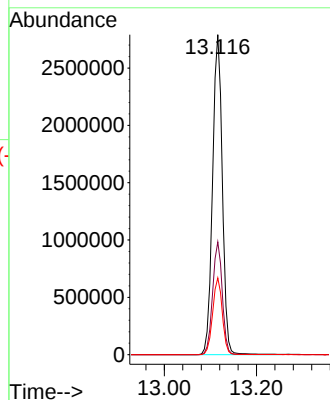
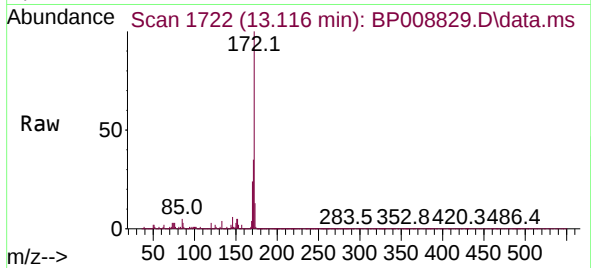




#45
2-Fluorobiphenyl
Concen: 54.813 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

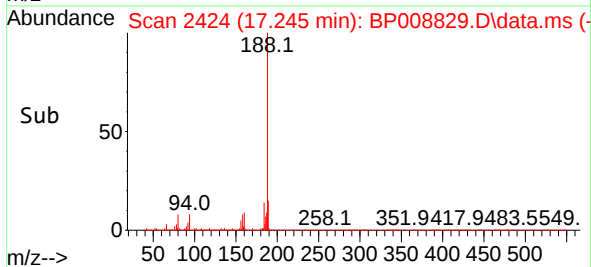
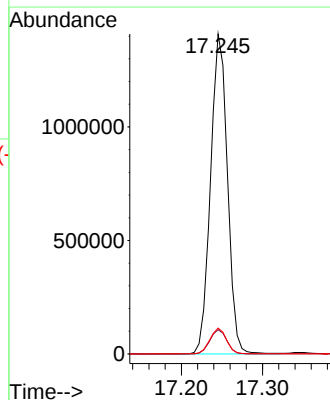
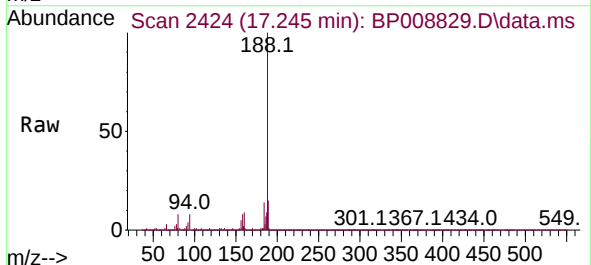
Instrument :
BNA_P
ClientSampleId :
R-1

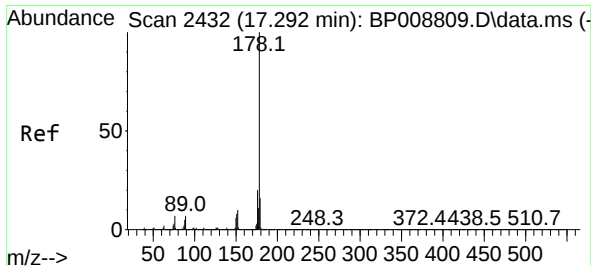
Tgt Ion:172 Resp: 4112175
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 24.0 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

Tgt Ion:188 Resp: 2036564
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.1 7.2 10.8

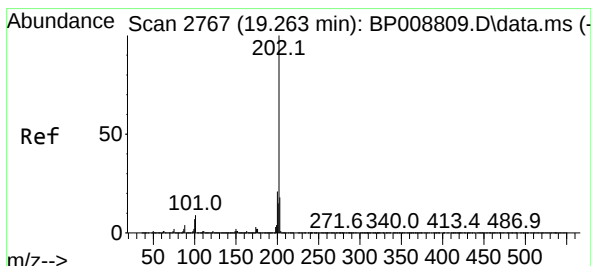
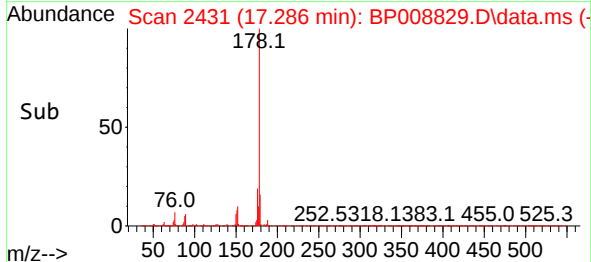
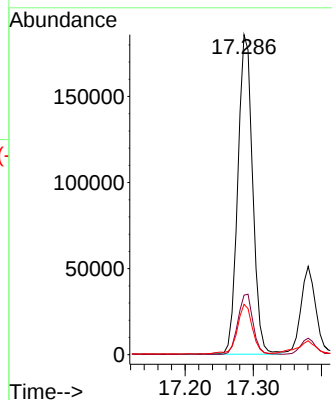
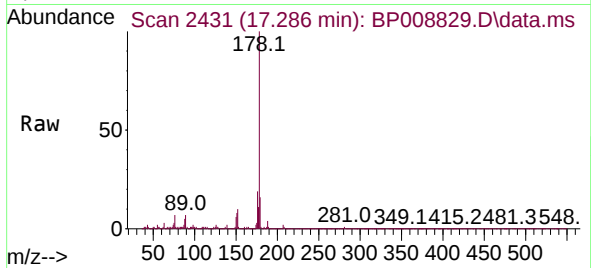




#71
Phenanthrene
Concen: 2.441 ng
RT: 17.286 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

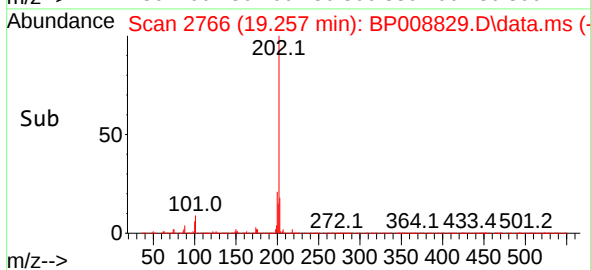
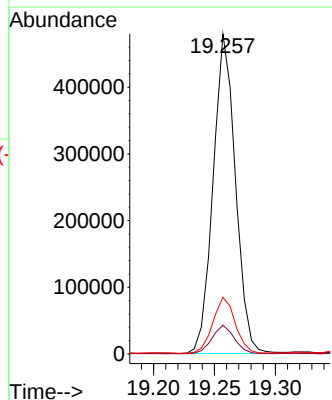
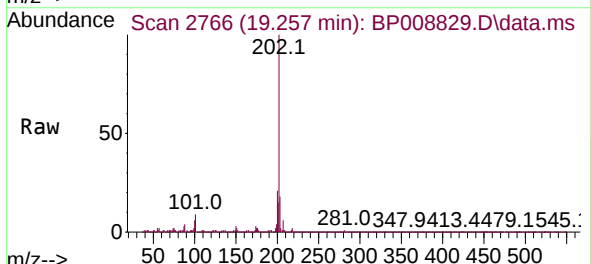
Instrument :
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ClientSampleId :
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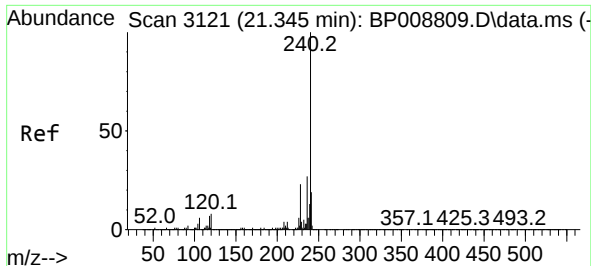
Tgt Ion:178 Resp: 279910
Ion Ratio Lower Upper
178 100
176 18.6 16.0 24.0
179 15.8 13.0 19.4



#75
Fluoranthene
Concen: 4.790 ng
RT: 19.257 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

Tgt Ion:202 Resp: 610743
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.7
203 17.7 0.0 38.9

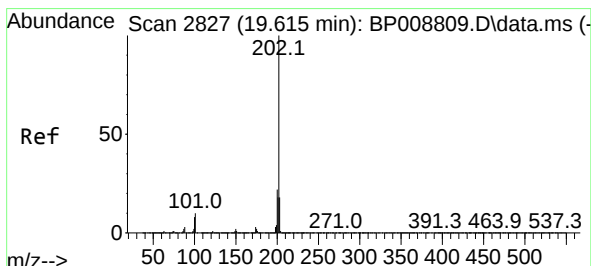
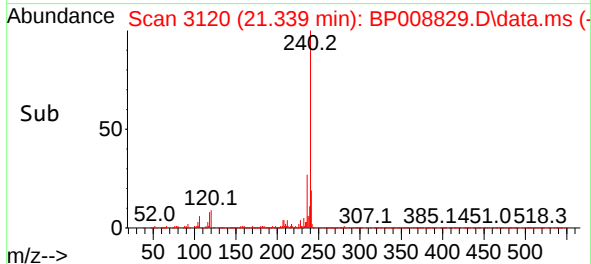
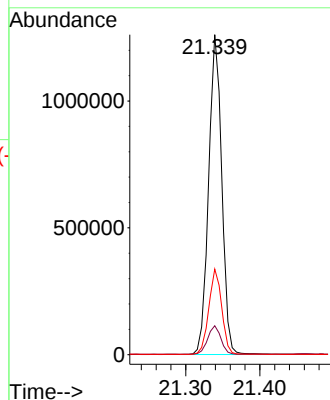
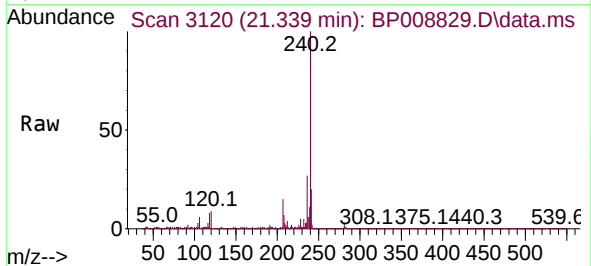




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

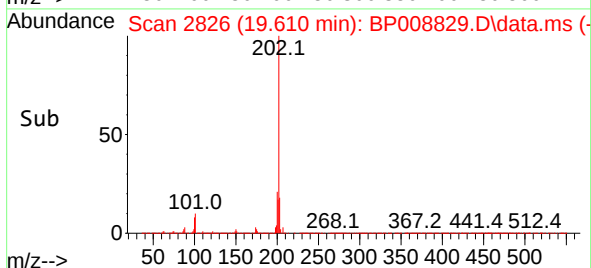
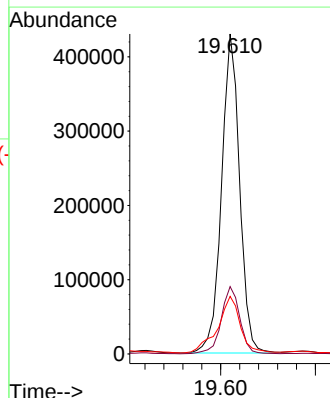
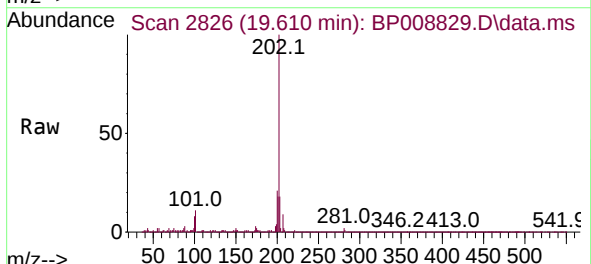
Instrument :
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R-1

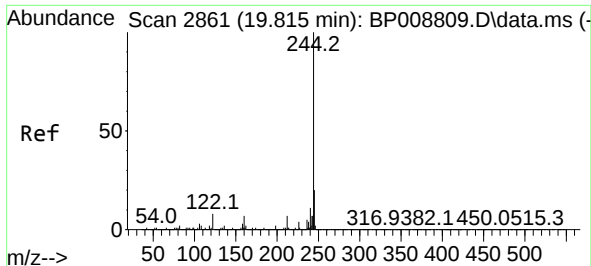
Tgt Ion:240 Resp: 1551108
Ion Ratio Lower Upper
240 100
120 9.1 7.7 11.5
236 26.8 21.2 31.8



#78
Pyrene
Concen: 5.270 ng
RT: 19.610 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

Tgt Ion:202 Resp: 570349
Ion Ratio Lower Upper
202 100
200 21.1 18.0 27.0
203 18.0 15.0 22.6

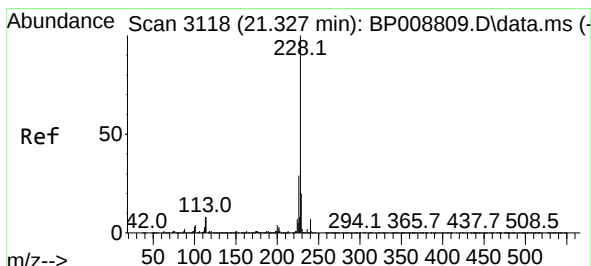
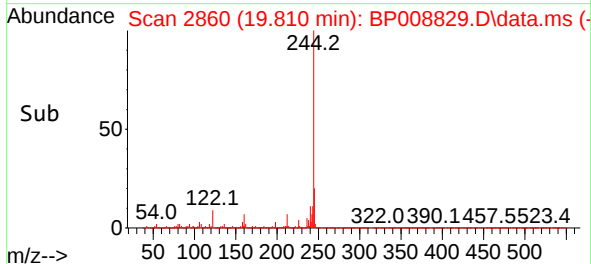
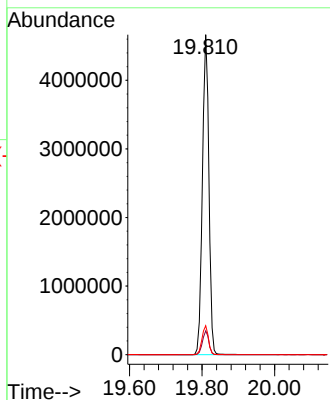
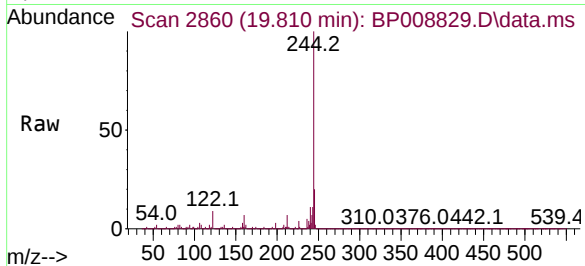




#79
 Terphenyl-d14
 Concen: 62.974 ng
 RT: 19.810 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008829.D
 Acq: 17 Jan 2022 18:08

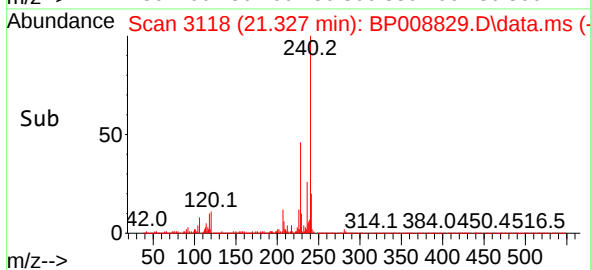
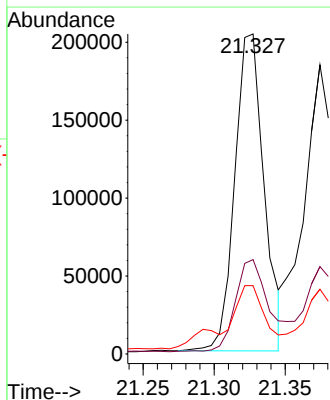
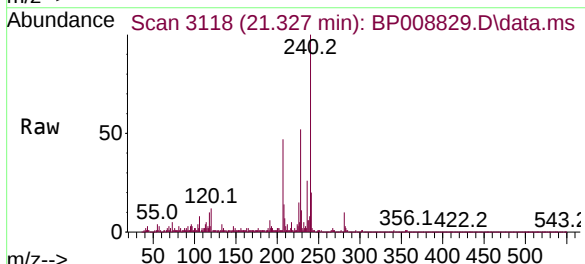
Instrument :
 BNA_P
 ClientSampleId :
 R-1

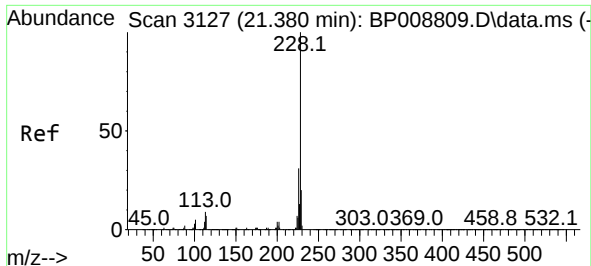
Tgt Ion:244 Resp: 5786919
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 9.0 9.2 13.8#



#81
 Benzo(a)anthracene
 Concen: 2.795 ng
 RT: 21.327 min Scan# 3118
 Delta R.T. 0.000 min
 Lab File: BP008829.D
 Acq: 17 Jan 2022 18:08

Tgt Ion:228 Resp: 291649
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.3 34.9
 229 21.4 17.0 25.6

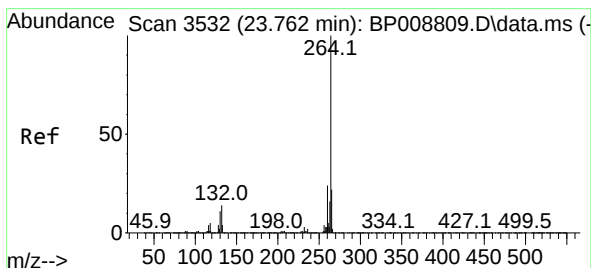
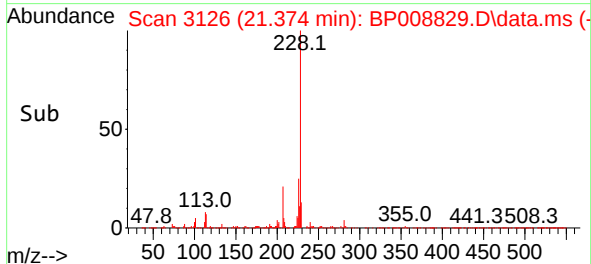
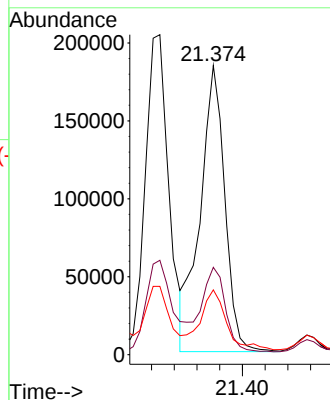
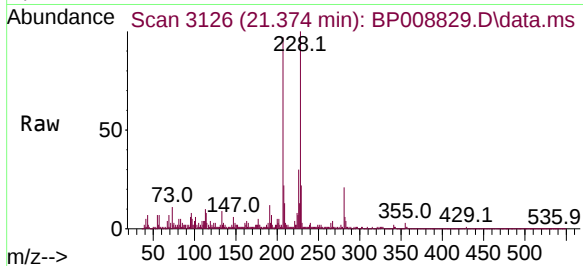




#83
Chrysene
Concen: 2.745 ng
RT: 21.374 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

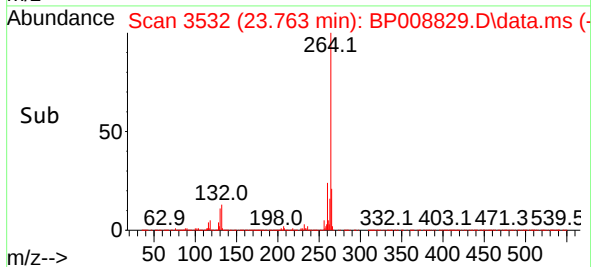
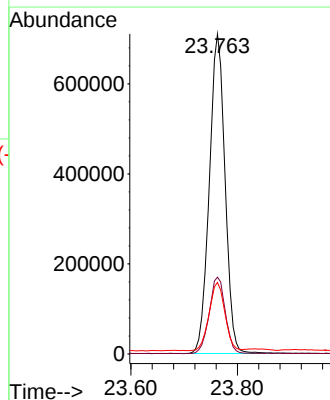
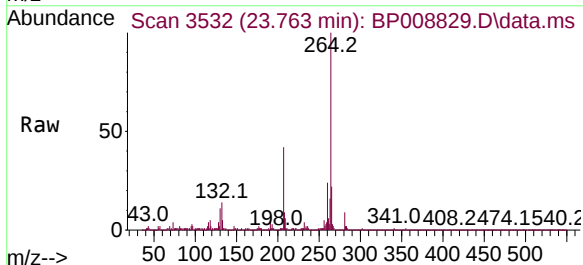
Instrument :
BNA_P
ClientSampleId :
R-1

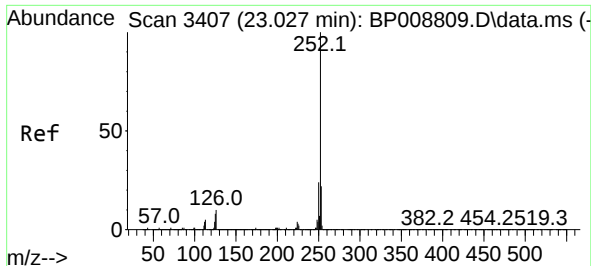
Tgt Ion:228 Resp: 277672
Ion Ratio Lower Upper
228 100
226 30.2 26.0 39.0
229 22.4 16.9 25.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3532
Delta R.T. 0.000 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

Tgt Ion:264 Resp: 1456401
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 22.3 17.1 25.7

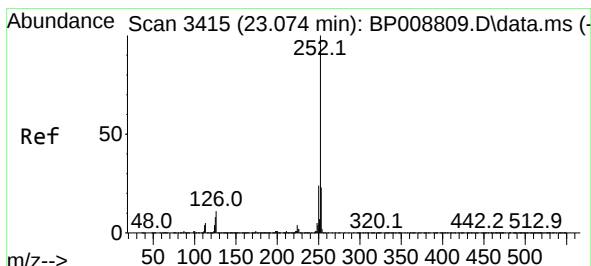
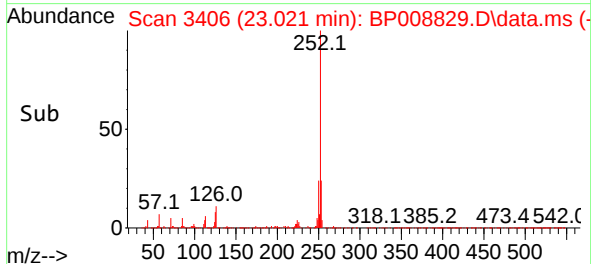
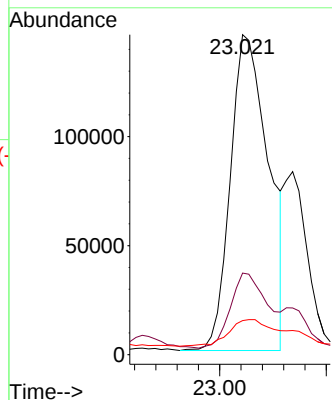
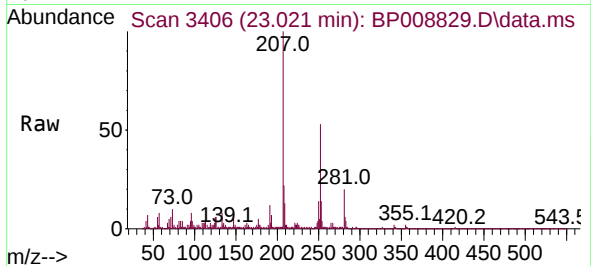




#88
Benzo(b)fluoranthene
Concen: 3.715 ng
RT: 23.021 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

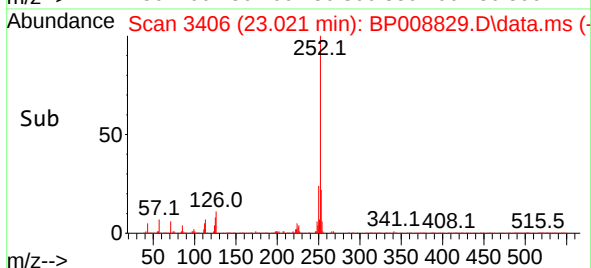
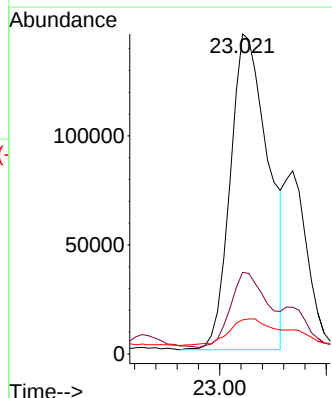
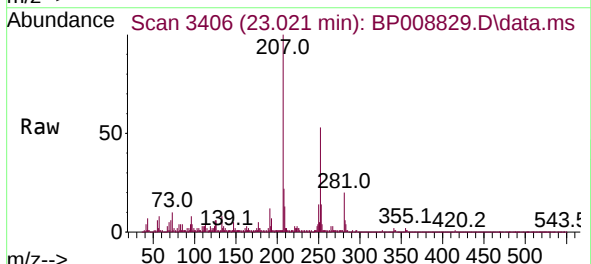
Instrument :
BNA_P
ClientSampleId :
R-1

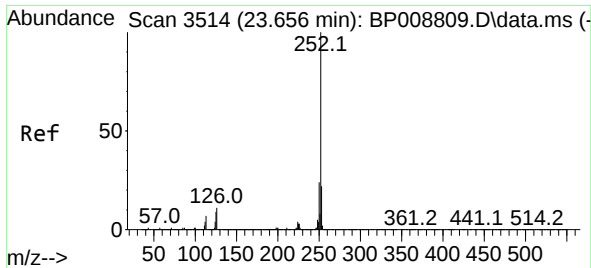
Tgt Ion:252 Resp: 361301
Ion Ratio Lower Upper
252 100
253 25.5 18.0 27.0
125 10.7 6.9 10.3#



#89
Benzo(k)fluoranthene
Concen: 3.838 ng
RT: 23.021 min Scan# 3406
Delta R.T. -0.053 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

Tgt Ion:252 Resp: 361301
Ion Ratio Lower Upper
252 100
253 25.5 18.2 27.2
125 10.7 7.3 10.9





#90
Benzo(a)pyrene
Concen: 2.649 ng
RT: 23.657 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP008829.D
Acq: 17 Jan 2022 18:08

Instrument :
BNA_P
ClientSampleId :
R-1

Tgt Ion:252 Resp: 248647
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 12.2 7.8 11.6#

