

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
 Data File : BP008899.D
 Acq On : 24 Jan 2022 22:00
 Operator : CG/JU
 Sample : N1217-04 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2256-2261

Quant Time: Jan 25 04:14:15 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)

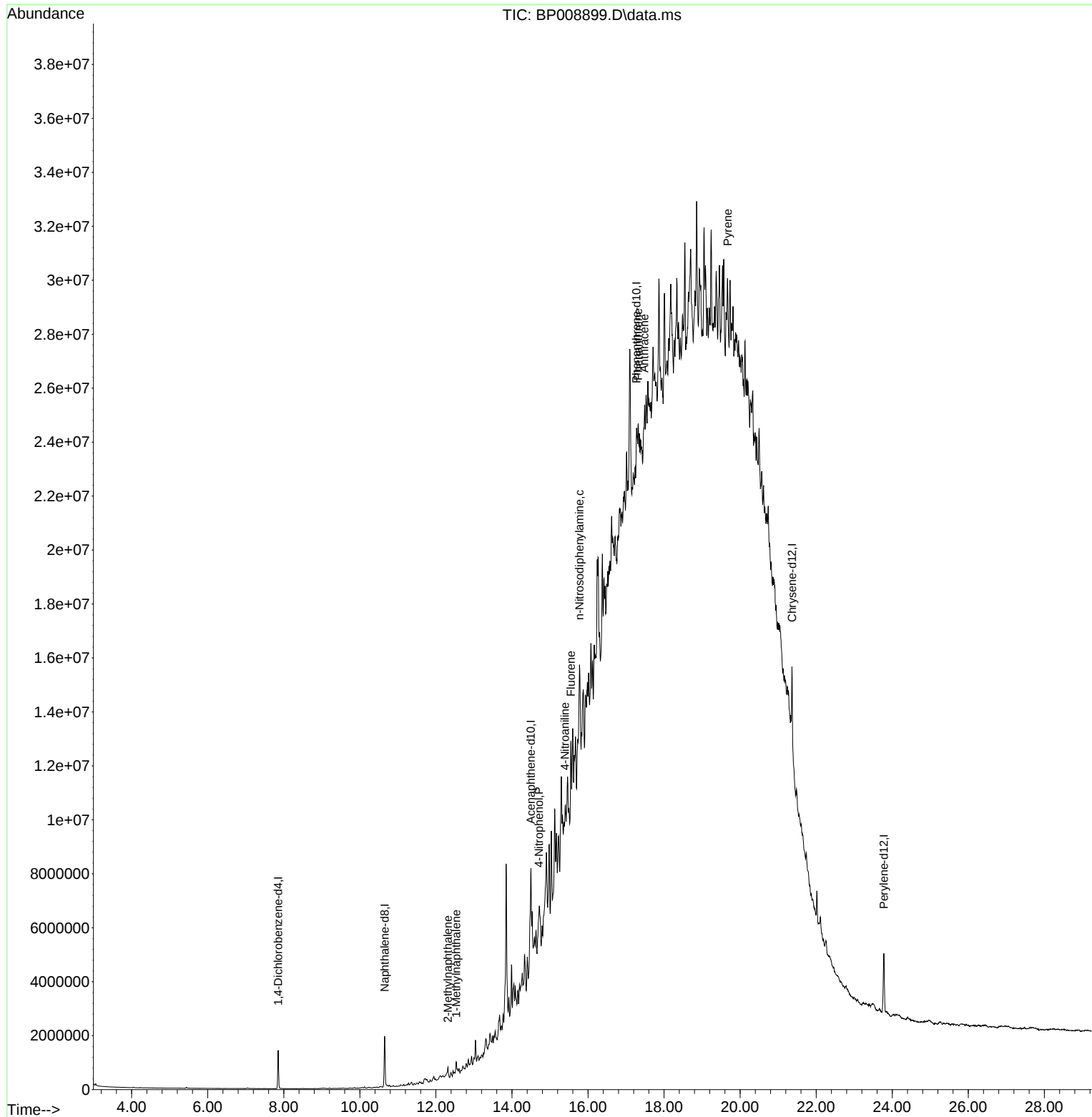
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	434930	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	1719619	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	1054266	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1453779	20.000	ng	# 0.02
76) Chrysene-d12	21.363	240	1737451	20.000	ng	0.02
86) Perylene-d12	23.780	264	1811833	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	21641	0.769	ng	0.00
7) Phenol-d6	7.046	99	24487	0.719	ng	0.01
23) Nitrobenzene-d5	9.022	82	18553	0.613	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	17042	1.111	ng	0.01
45) 2-Fluorobiphenyl	13.116	172	75157	0.940	ng	0.00
79) Terphenyl-d14	19.839	244	90948	0.884	ng	0.02
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.316	142	172534	2.527	ng	# 96
38) 1-Methylnaphthalene	12.534	142	184515	2.944	ng	# 99
56) 4-Nitrophenol	14.710	139	68997	5.867	ng	# 1
58) Fluorene	15.551	166	242456	3.179	ng	# 57
62) 4-Nitroaniline	15.393	138	44177	2.793	ng	# 75
66) n-Nitrosodiphenylamine	15.775	169	906461	19.373	ng	# 41
71) Phenanthrene	17.316	178	1366471	16.694	ng	# 79
72) Anthracene	17.481	178	331807	4.041	ng	# 1
78) Pyrene	19.675	202	247528	2.042	ng	# 1

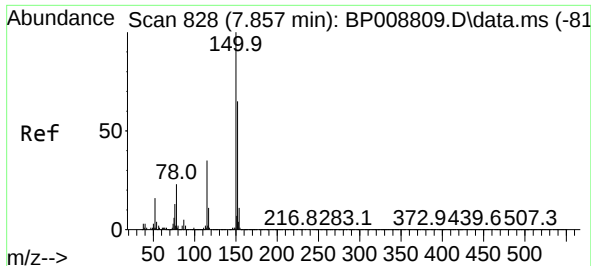
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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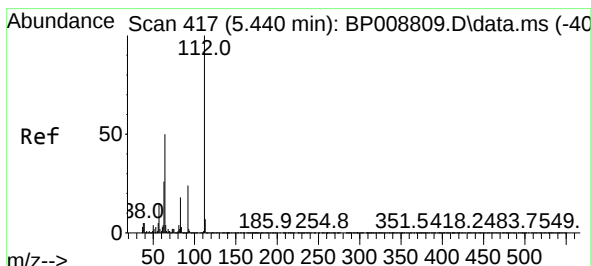
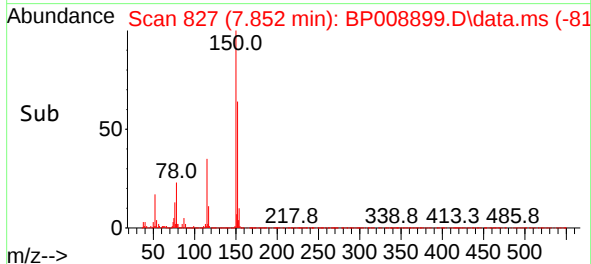
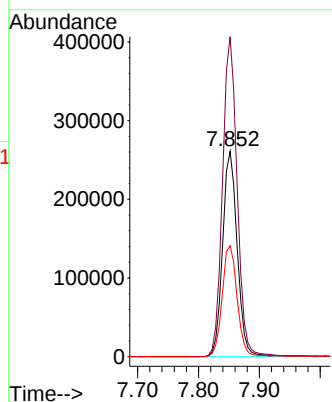
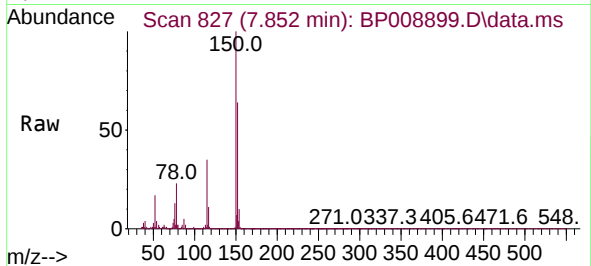




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

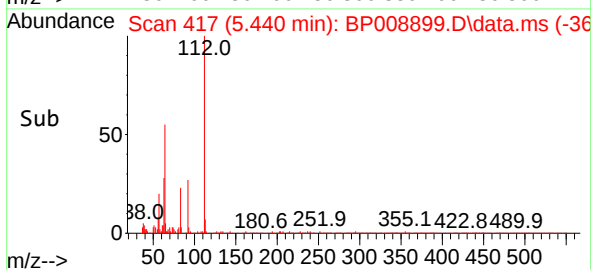
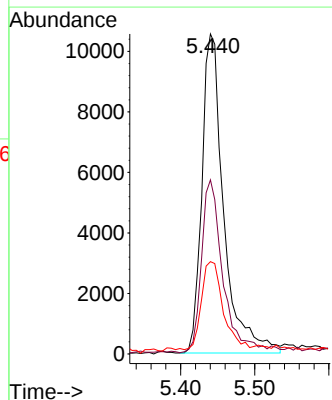
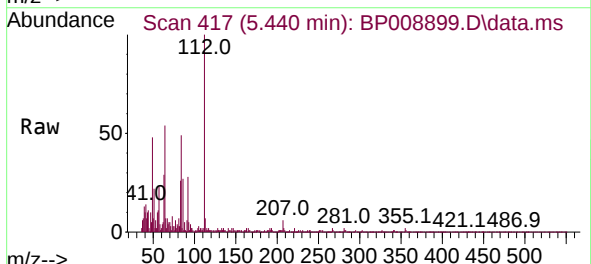
Instrument :
BNA_P
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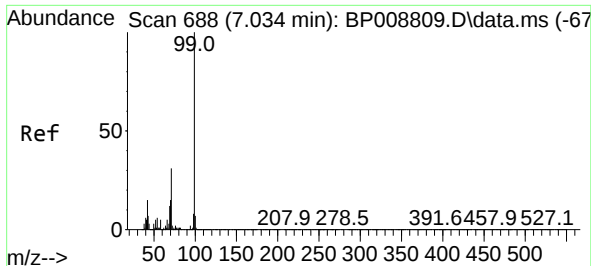
Tgt Ion:152 Resp: 434930
Ion Ratio Lower Upper
152 100
150 155.8 127.0 190.6
115 54.0 43.7 65.5



#5
2-Fluorophenol
Concen: 0.769 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.000 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

Tgt Ion:112 Resp: 21641
Ion Ratio Lower Upper
112 100
64 54.4 39.7 59.5
63 28.8 20.0 30.0

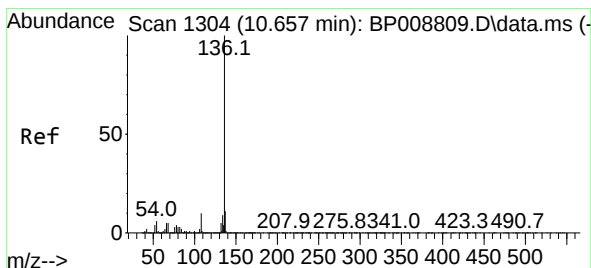
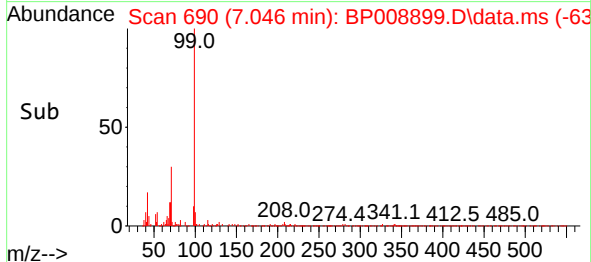
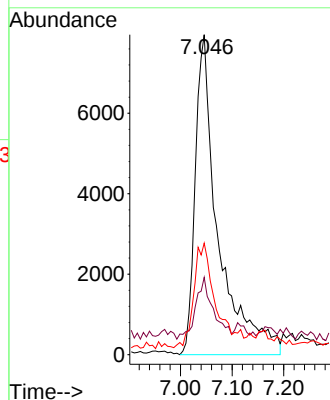
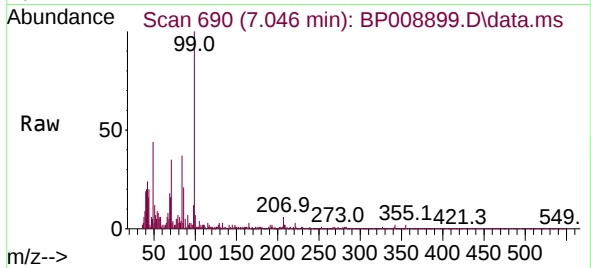




#7
Phenol-d6
Concen: 0.719 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

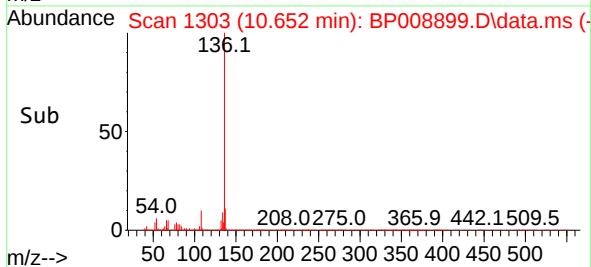
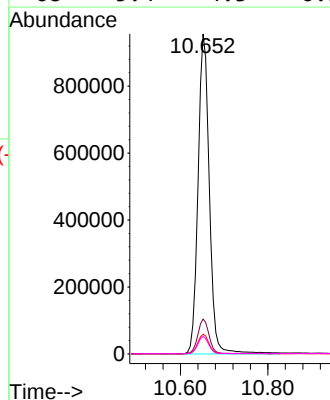
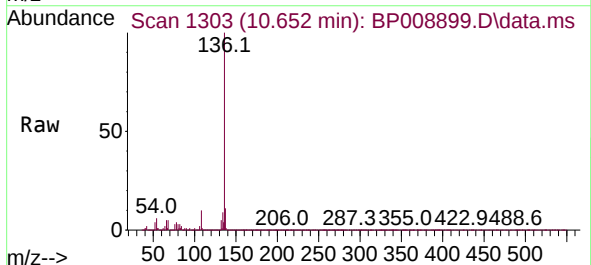
Instrument :
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ClientSampleId :
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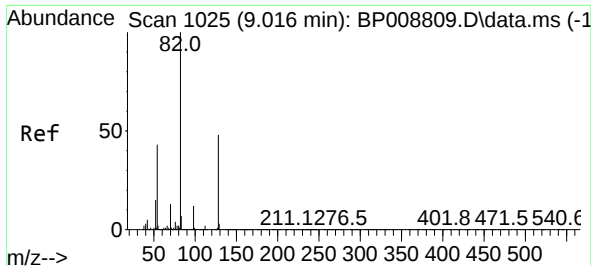
Tgt Ion: 99 Resp: 24487
Ion Ratio Lower Upper
99 100
42 24.2 10.8 16.2#
71 34.9 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

Tgt Ion:136 Resp: 1719619
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.2 4.9 7.3
68 5.4 4.3 6.5

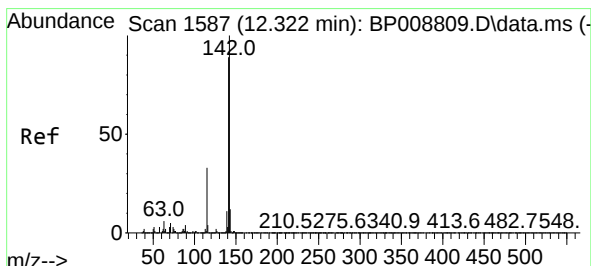
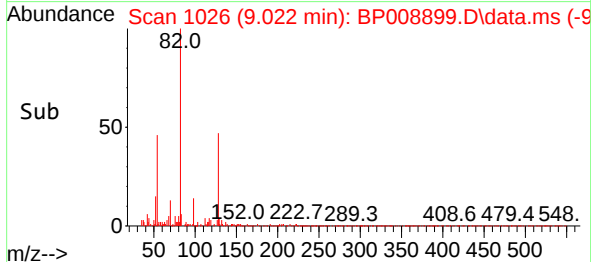
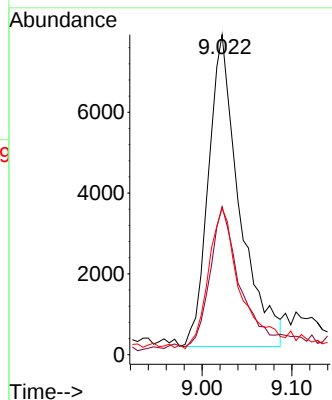
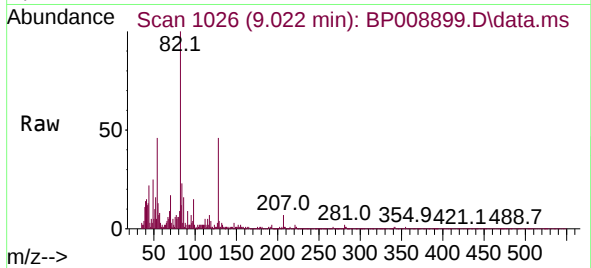




#23
Nitrobenzene-d5
Concen: 0.613 ng
RT: 9.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

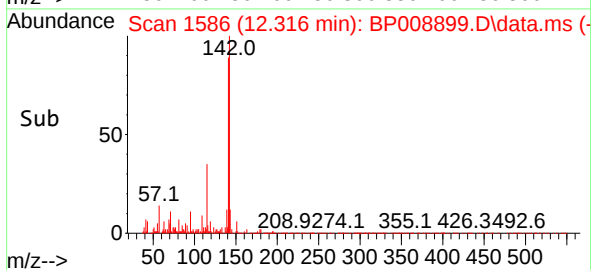
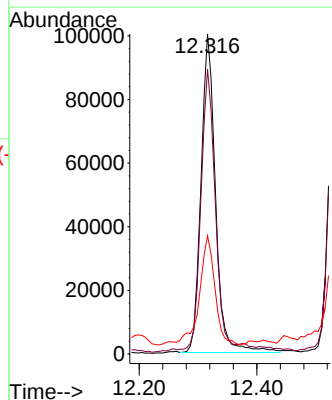
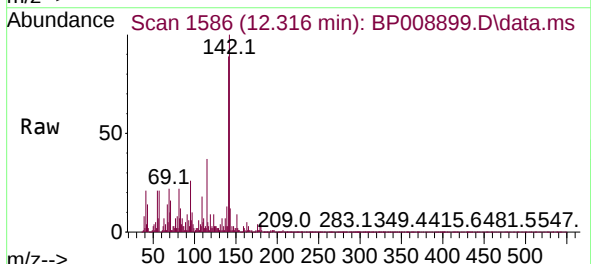
Instrument :
BNA_P
ClientSampleId :
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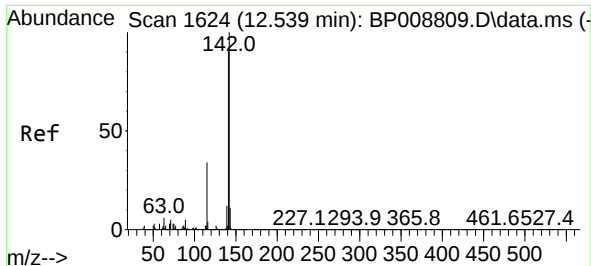
Tgt Ion:	82	Resp:	18553
Ion	Ratio	Lower	Upper
82	100		
128	46.2	39.4	59.2
54	45.7	32.6	48.8



#37
2-Methylnaphthalene
Concen: 2.527 ng
RT: 12.316 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

Tgt Ion:	142	Resp:	172534
Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.5	105.7
115	37.0	24.6	36.8

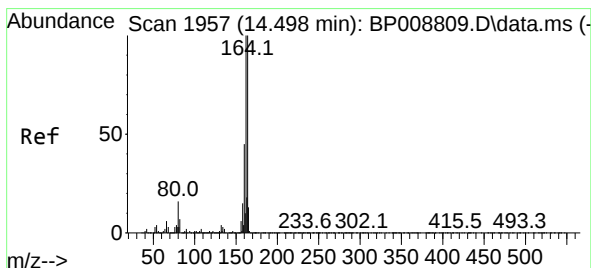
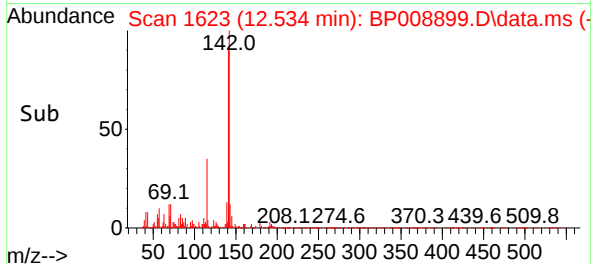
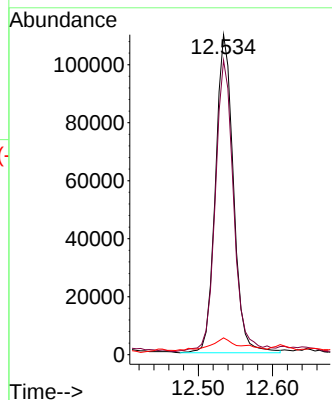
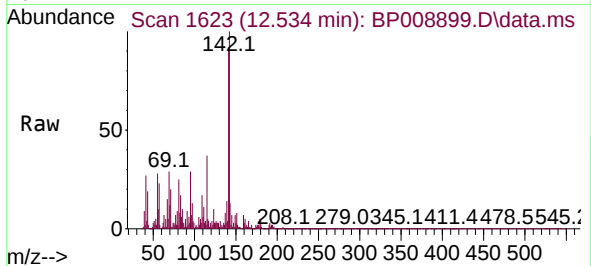




#38
1-Methylnaphthalene
Concen: 2.944 ng
RT: 12.534 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

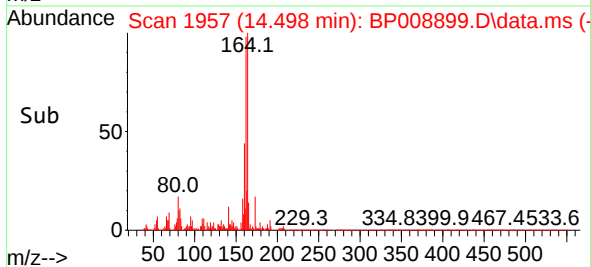
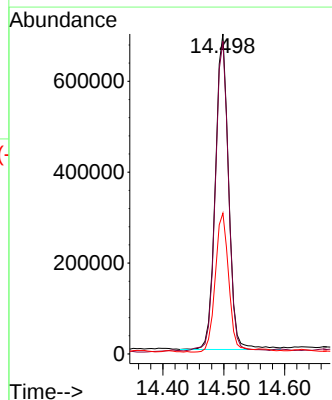
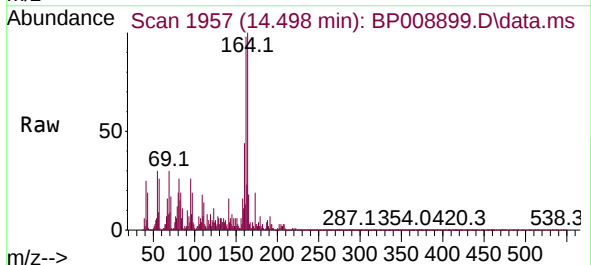
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BNA_P
ClientSampleId :
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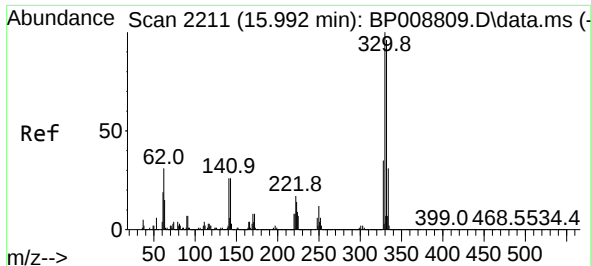
Tgt Ion:142 Resp: 184515
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8
116 5.3 2.7 4.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

Tgt Ion:164 Resp: 1054266
Ion Ratio Lower Upper
164 100
162 97.7 79.9 119.9
160 44.0 35.5 53.3

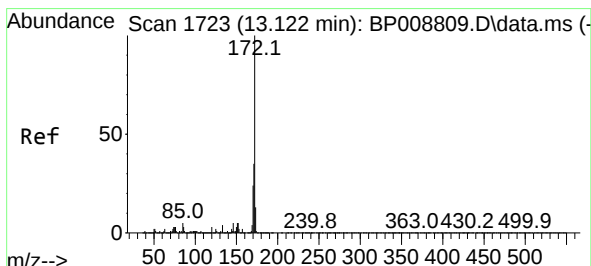
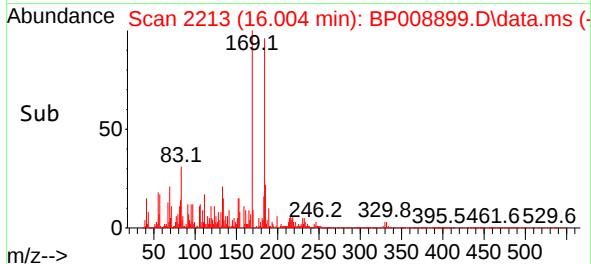
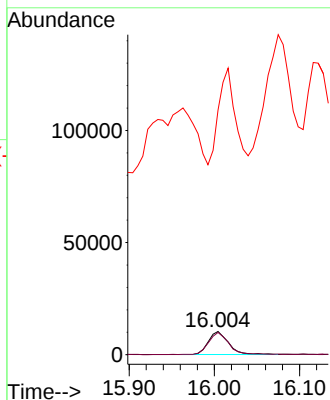
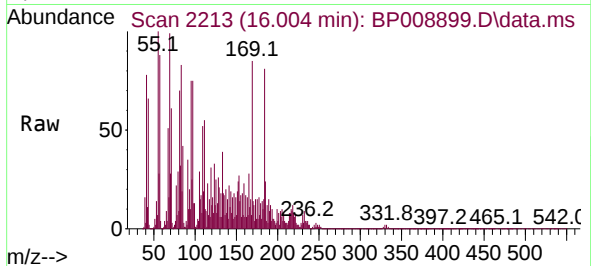




#42
2,4,6-Tribromophenol
Concen: 1.111 ng
RT: 16.004 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

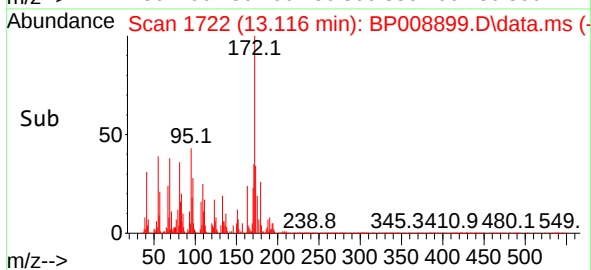
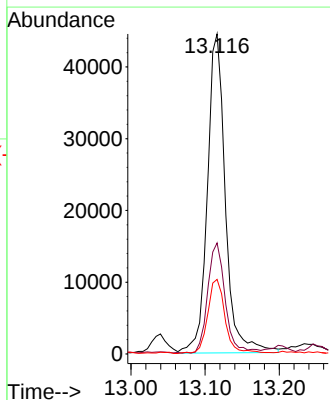
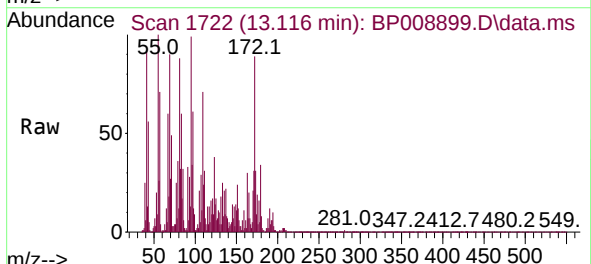
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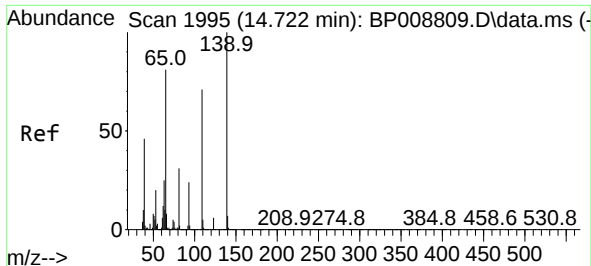
Tgt Ion:330 Resp: 17042
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 337.0 21.3 31.9#



#45
2-Fluorobiphenyl
Concen: 0.940 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

Tgt Ion:172 Resp: 75157
Ion Ratio Lower Upper
172 100
171 34.7 29.3 43.9
170 23.3 19.5 29.3

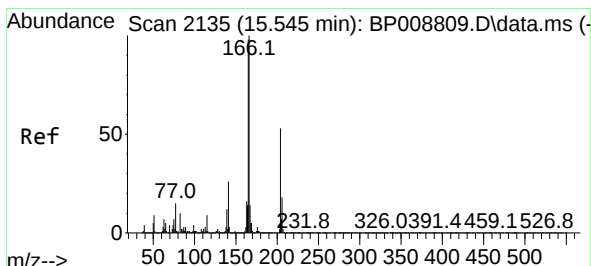
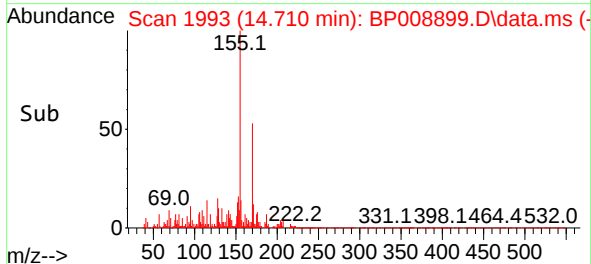
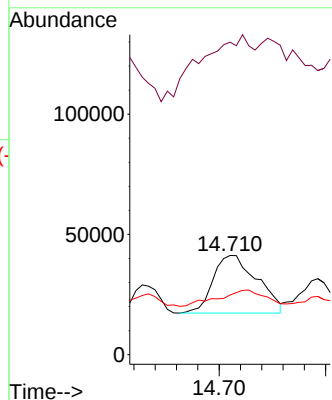
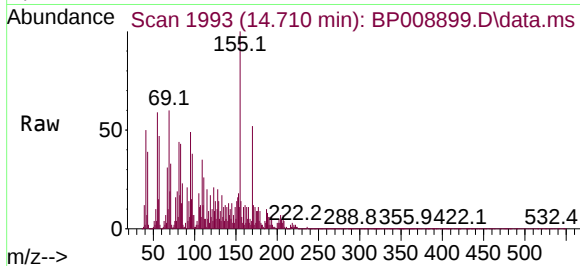




#56
4-Nitrophenol
Concen: 5.867 ng
RT: 14.710 min Scan# 1993
Delta R.T. -0.011 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

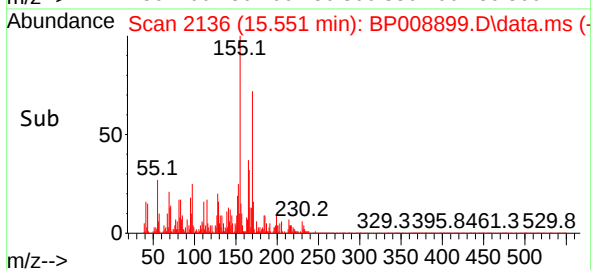
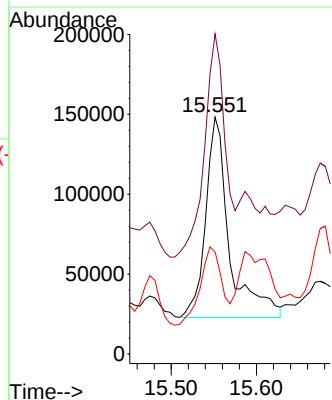
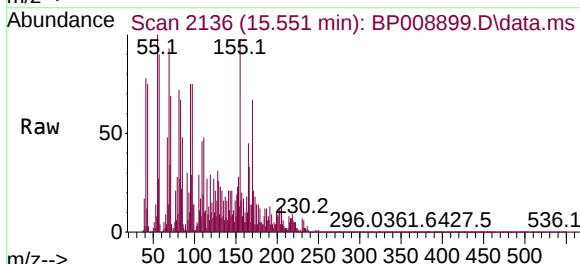
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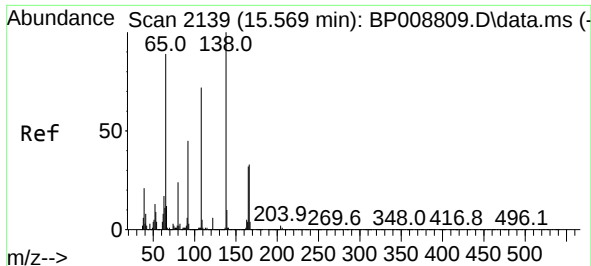
Tgt Ion:139 Resp: 68997
Ion Ratio Lower Upper
139 100
109 315.2 42.2 82.2#
65 60.2 57.3 97.3



#58
Fluorene
Concen: 3.179 ng
RT: 15.551 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

Tgt Ion:166 Resp: 242456
Ion Ratio Lower Upper
166 100
165 135.1 77.2 115.8#
167 43.1 11.2 16.8#

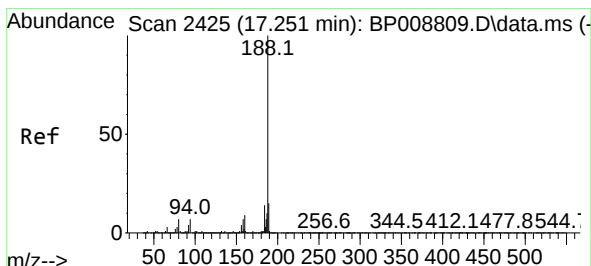
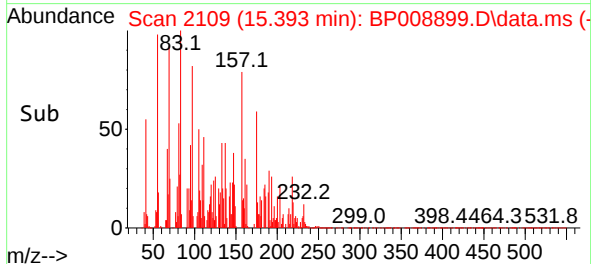
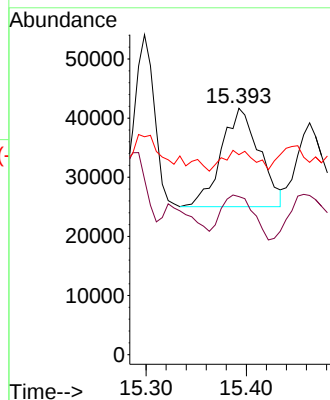
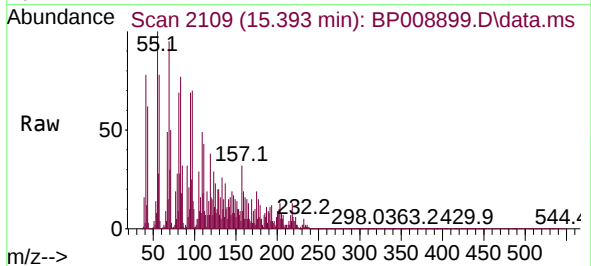




#62
4-Nitroaniline
Concen: 2.793 ng
RT: 15.393 min Scan# 2139
Delta R.T. -0.176 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

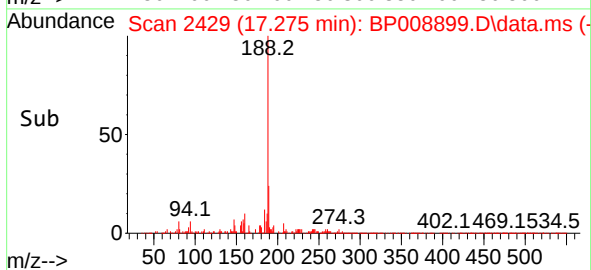
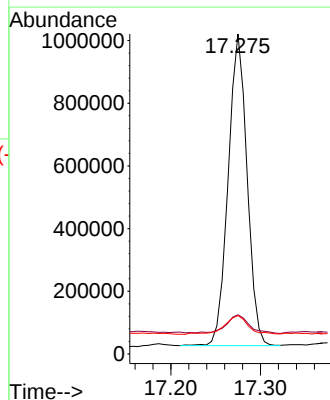
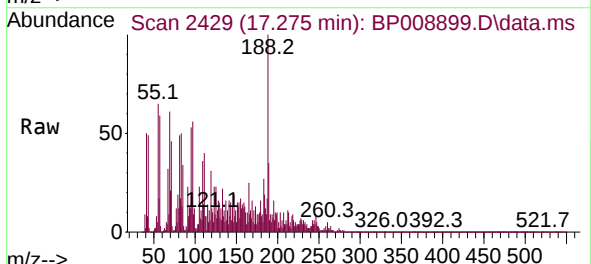
Instrument :
BNA_P
ClientSampleId :
2256-2261

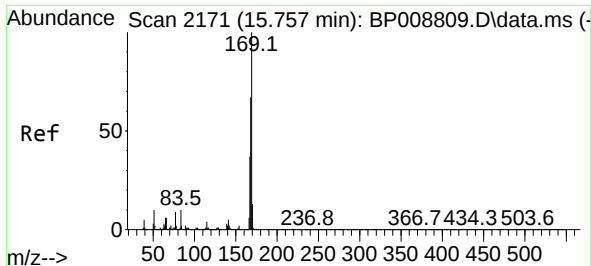
Tgt Ion:138 Resp: 44177
Ion Ratio Lower Upper
138 100
92 64.2 24.3 64.3
108 81.2 44.8 84.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2429
Delta R.T. 0.024 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

Tgt Ion:188 Resp: 1453779
Ion Ratio Lower Upper
188 100
94 12.3 6.8 10.2#
80 12.0 7.2 10.8#

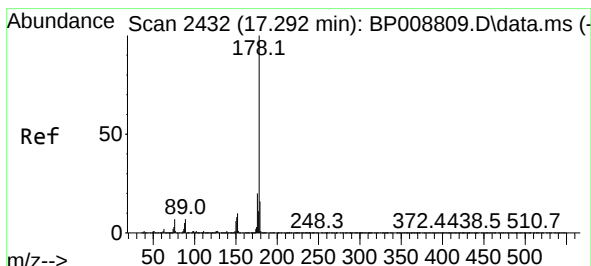
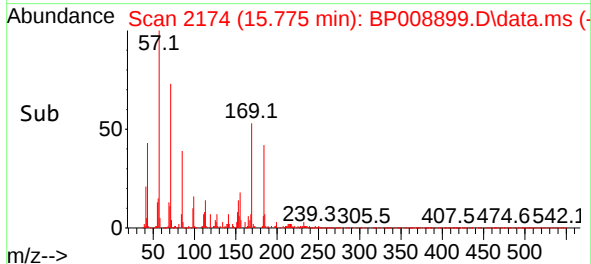
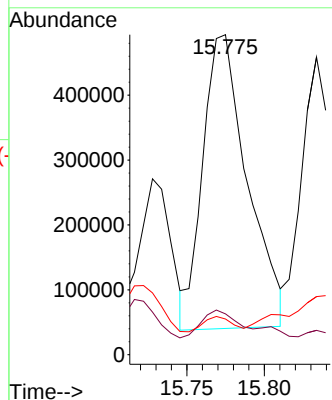
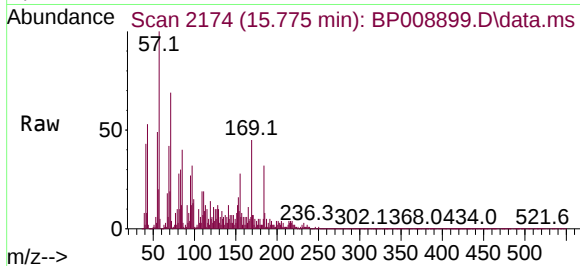




#66
n-Nitrosodiphenylamine
Concen: 19.373 ng
RT: 15.775 min Scan# 2171
Delta R.T. 0.018 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

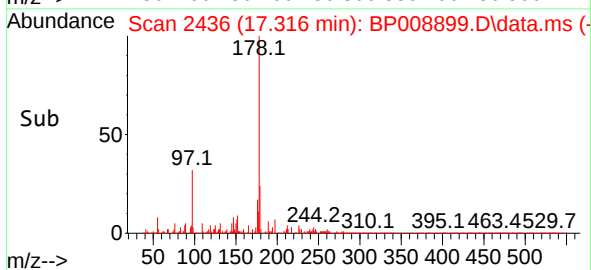
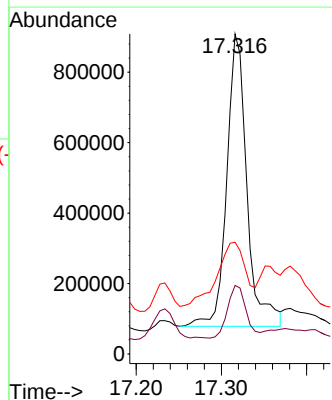
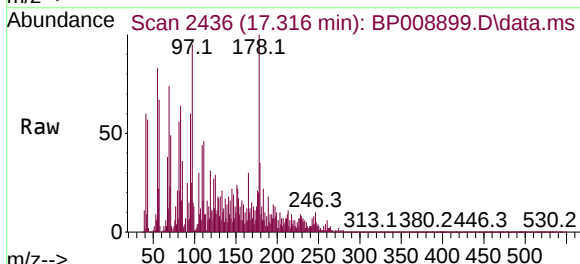
Instrument :
BNA_P
ClientSampleId :
2256-2261

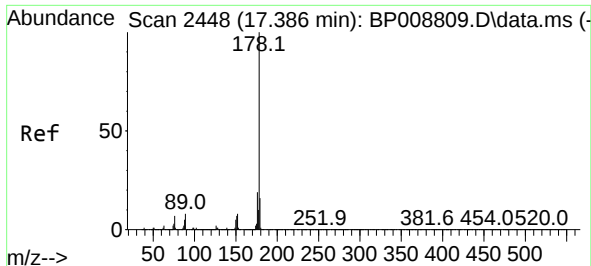
Tgt Ion:169 Resp: 906461
Ion Ratio Lower Upper
169 100
168 12.7 53.3 79.9#
167 11.1 29.0 43.6#



#71
Phenanthrene
Concen: 16.694 ng
RT: 17.316 min Scan# 2436
Delta R.T. 0.024 min
Lab File: BP008899.D
Acq: 24 Jan 2022 22:00

Tgt Ion:178 Resp: 1366471
Ion Ratio Lower Upper
178 100
176 21.4 16.0 24.0
179 34.9 13.0 19.4#

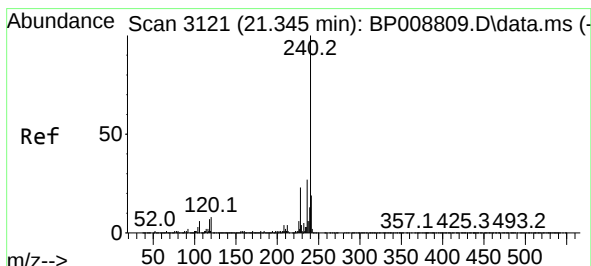
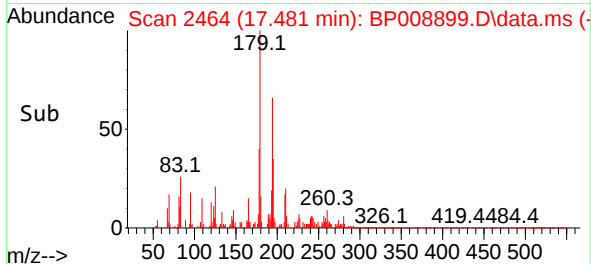
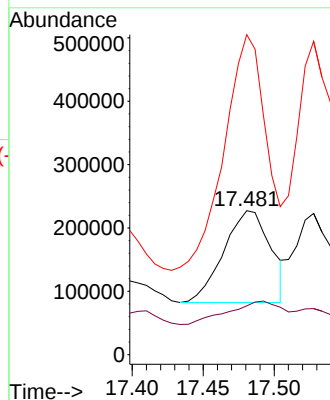
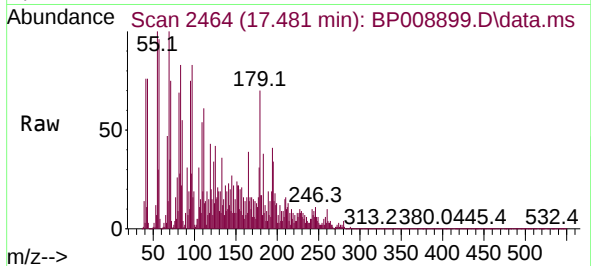




#72
 Anthracene
 Concen: 4.041 ng
 RT: 17.481 min Scan# 2448
 Delta R.T. 0.094 min
 Lab File: BP008899.D
 Acq: 24 Jan 2022 22:00

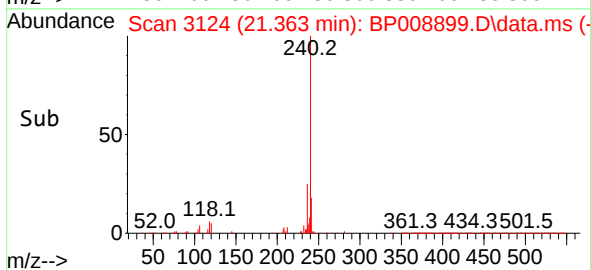
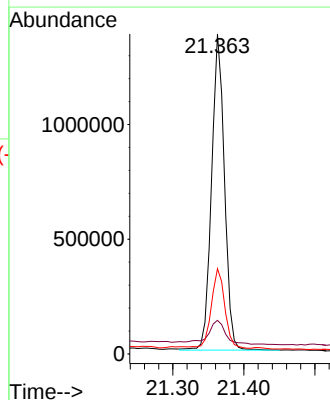
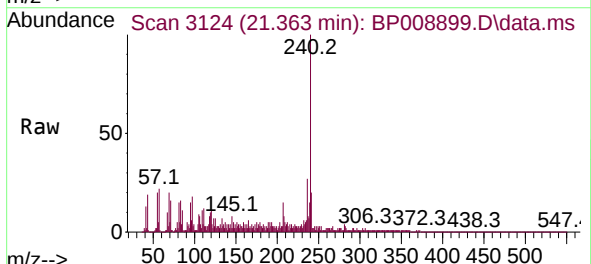
Instrument :
 BNA_P
 ClientSampleId :
 2256-2261

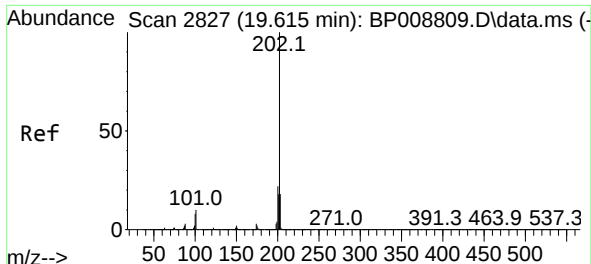
Tgt Ion:178 Resp: 331807
 Ion Ratio Lower Upper
 178 100
 176 34.0 15.1 22.7#
 179 222.3 12.8 19.2#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.363 min Scan# 3124
 Delta R.T. 0.018 min
 Lab File: BP008899.D
 Acq: 24 Jan 2022 22:00

Tgt Ion:240 Resp: 1737451
 Ion Ratio Lower Upper
 240 100
 120 10.5 7.7 11.5
 236 26.6 21.2 31.8

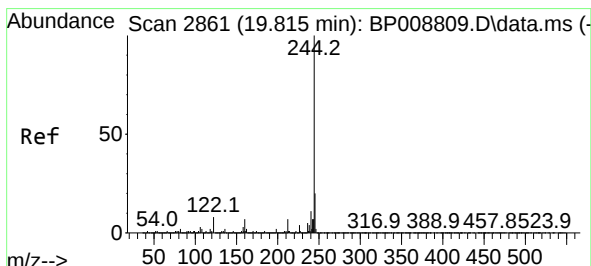
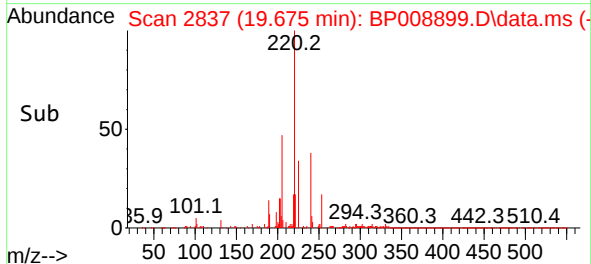
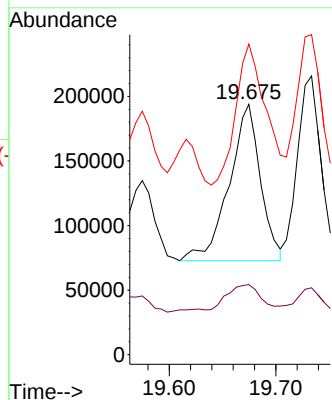
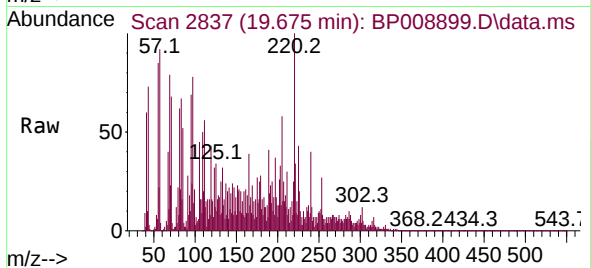




#78
 Pyrene
 Concen: 2.042 ng
 RT: 19.675 min Scan# 21
 Delta R.T. 0.059 min
 Lab File: BP008899.D
 Acq: 24 Jan 2022 22:00

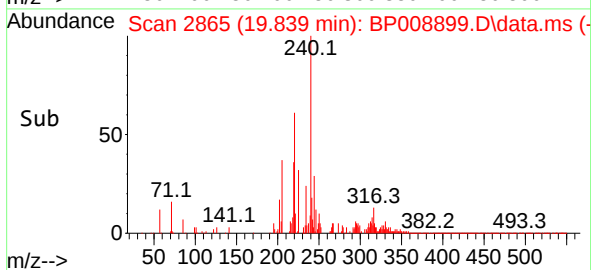
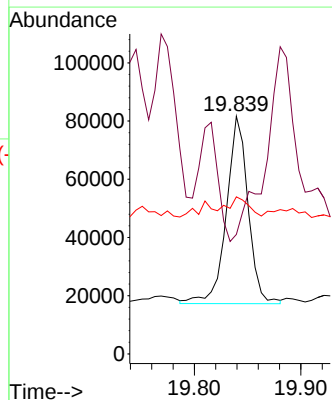
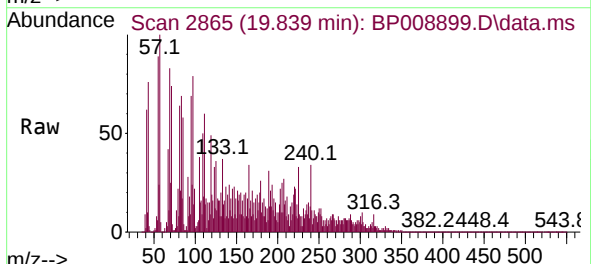
Instrument :
 BNA_P
 ClientSampleId :
 2256-2261

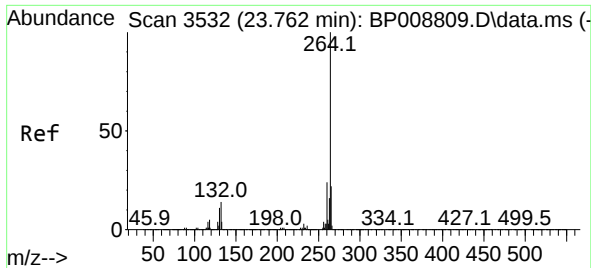
Tgt Ion:202 Resp: 247528
 Ion Ratio Lower Upper
 202 100
 200 28.0 18.0 27.0#
 203 124.1 15.0 22.6#



#79
 Terphenyl-d14
 Concen: 0.884 ng
 RT: 19.839 min Scan# 2865
 Delta R.T. 0.024 min
 Lab File: BP008899.D
 Acq: 24 Jan 2022 22:00

Tgt Ion:244 Resp: 90948
 Ion Ratio Lower Upper
 244 100
 212 50.3 6.5 9.7#
 122 66.1 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.780 min Scan# 31
 Delta R.T. 0.018 min
 Lab File: BP008899.D
 Acq: 24 Jan 2022 22:00

Instrument :
 BNA_P
 ClientSampleId :
 2256-2261

Tgt Ion:264 Resp: 1811833
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.1 28.7
 265 22.4 17.1 25.7

