

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
 Data File : BP008799.D
 Acq On : 13 Jan 2022 20:10
 Operator : CG/JU
 Sample : N1112-04 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4D

Quant Time: Jan 13 23:28:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 12 00:18:56 2022
 Response via : Initial Calibration

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

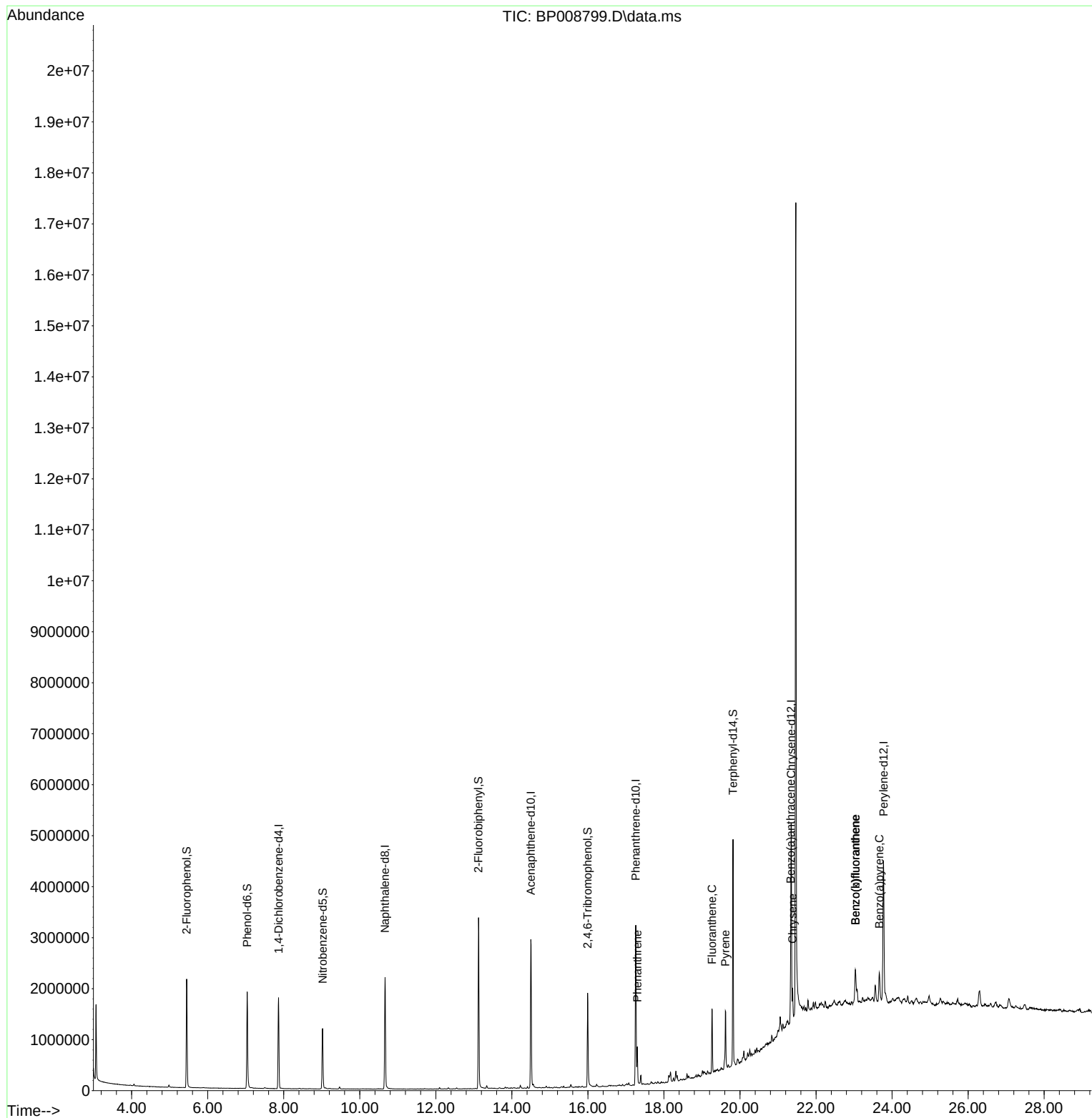
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	530199	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1958364	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	1159336	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2025307	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1871850	20.000	ng	0.00
86) Perylene-d12	23.774	264	2161579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1040442	30.730	ng	0.00
7) Phenol-d6	7.040	99	1239378	27.268	ng	0.00
23) Nitrobenzene-d5	9.022	82	767755	22.202	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	419603	21.453	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1966839	23.851	ng	-0.01
79) Terphenyl-d14	19.816	244	2111670	22.989	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.298	178	486846	4.326	ng	98
75) Fluoranthene	19.263	202	786195	5.835	ng	97
78) Pyrene	19.616	202	752948	6.152	ng	98
81) Benzo(a)anthracene	21.333	228	429015	3.494	ng	100
83) Chrysene	21.380	228	376437	3.178	ng	97
88) Benzo(b)fluoranthene	23.033	252	688348	4.874	ng	# 91
89) Benzo(k)fluoranthene	23.033	252	688348	5.208	ng	# 92
90) Benzo(a)pyrene	23.663	252	385227	2.822	ng	# 96

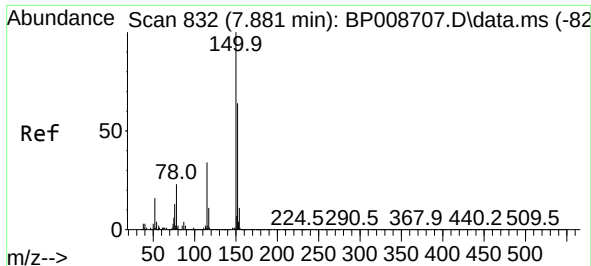
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
Data File : BP008799.D
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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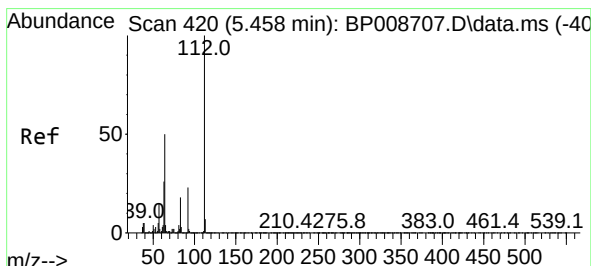
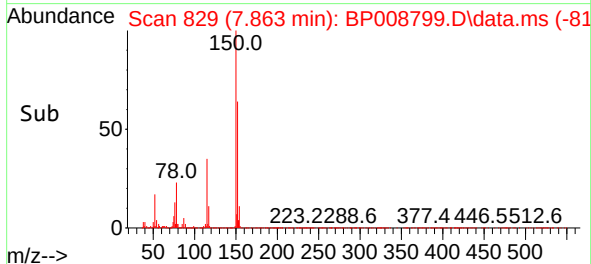
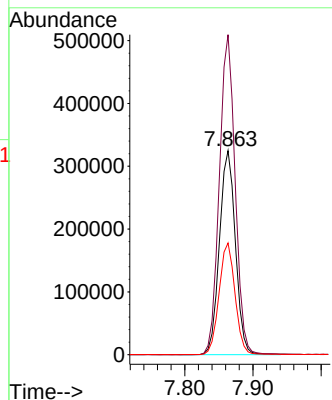
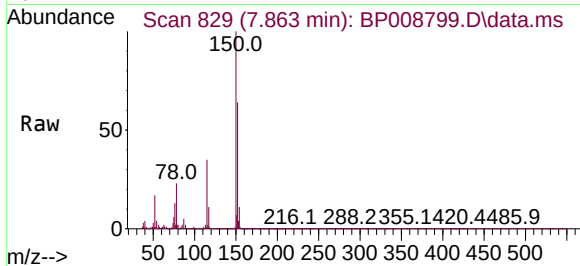




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP008799.D
 Acq: 13 Jan 2022 20:10

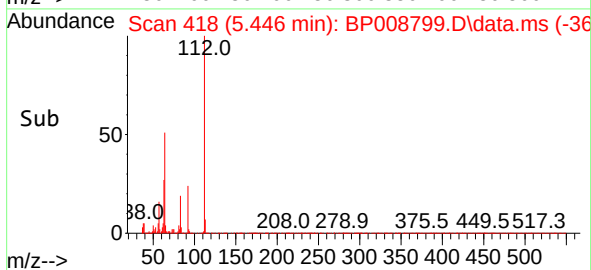
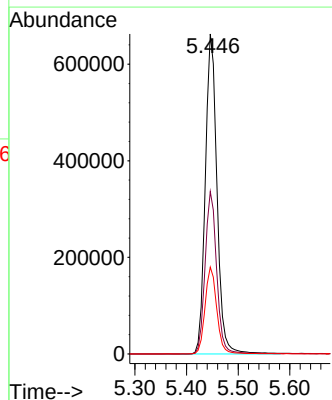
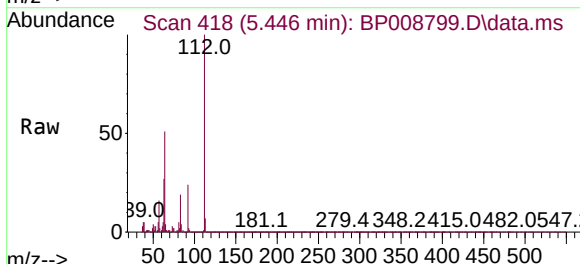
Instrument :
 BNA_P
 ClientSampleId :
 TP-4D

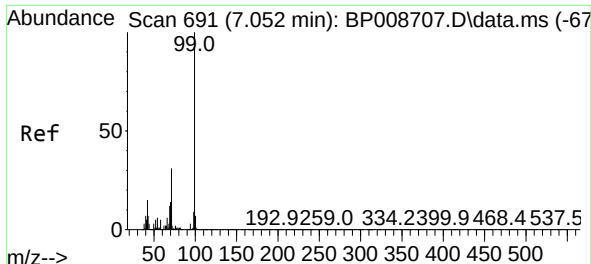
Tgt Ion:152 Resp: 530199
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.0 190.6
 115 54.7 43.7 65.5



#5
 2-Fluorophenol
 Concen: 30.730 ng
 RT: 5.446 min Scan# 418
 Delta R.T. -0.000 min
 Lab File: BP008799.D
 Acq: 13 Jan 2022 20:10

Tgt Ion:112 Resp: 1040442
 Ion Ratio Lower Upper
 112 100
 64 50.7 39.7 59.5
 63 27.1 20.0 30.0

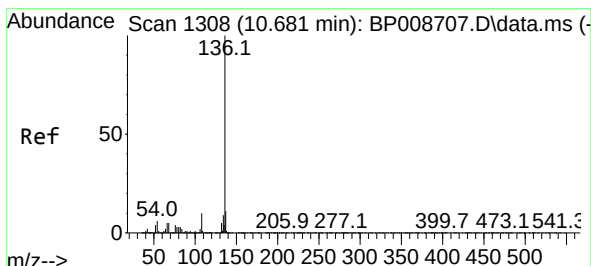
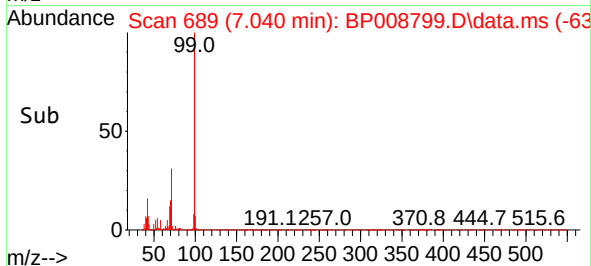
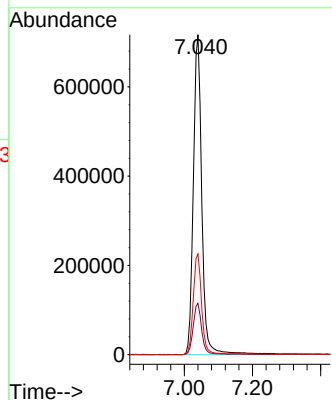
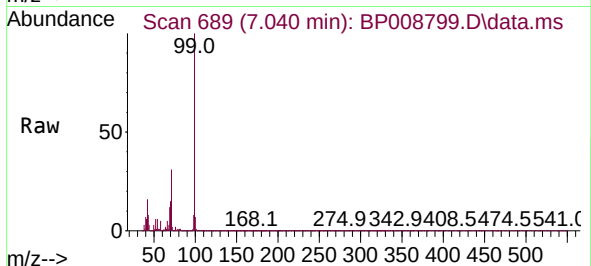




#7
Phenol-d6
Concen: 27.268 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

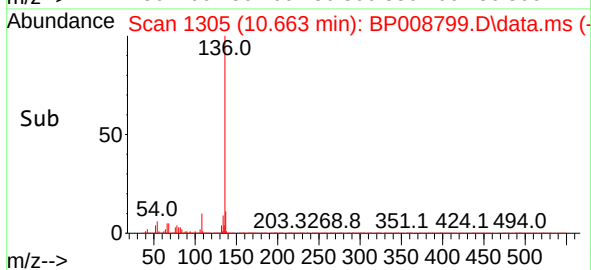
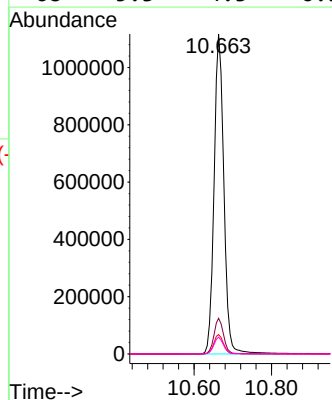
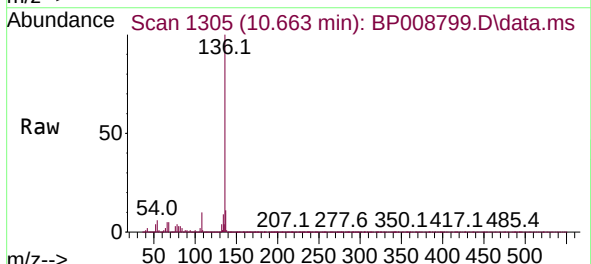
Instrument :
BNA_P
ClientSampleId :
TP-4D

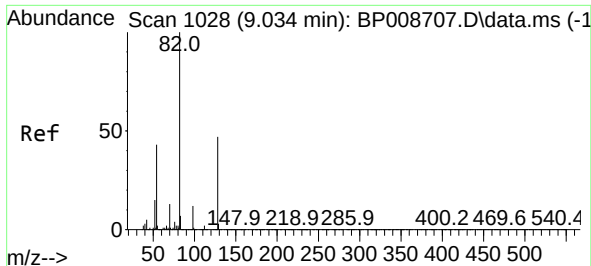
Tgt Ion: 99 Resp: 1239378
Ion Ratio Lower Upper
99 100
42 16.0 10.8 16.2
71 31.5 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

Tgt Ion: 136 Resp: 1958364
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.0 4.9 7.3
68 5.3 4.3 6.5

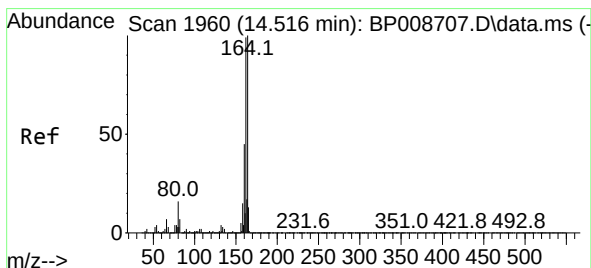
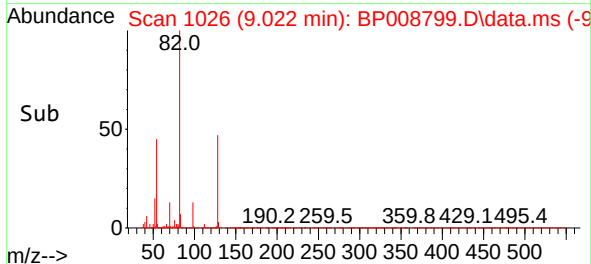
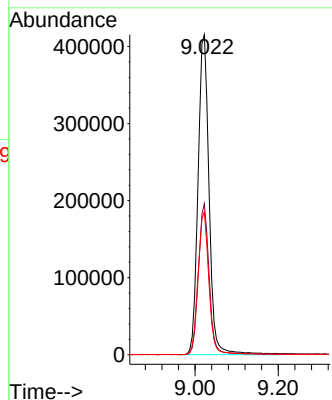
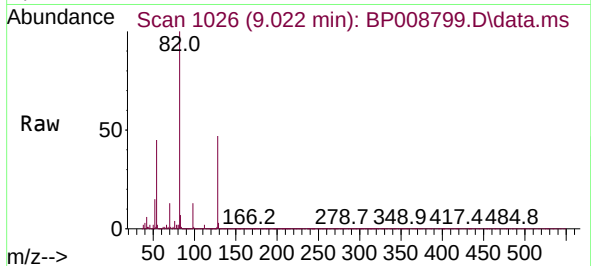




#23
Nitrobenzene-d5
Concen: 22.202 ng
RT: 9.022 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

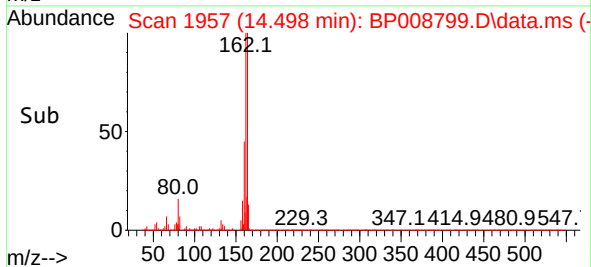
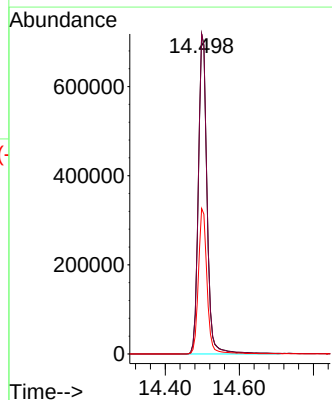
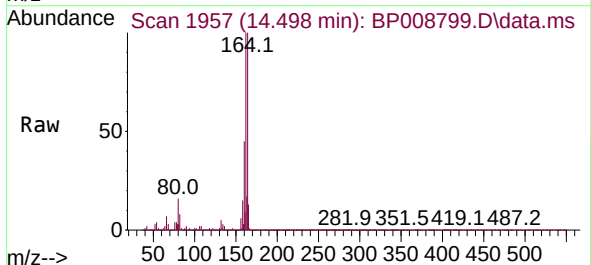
Instrument :
BNA_P
ClientSampleId :
TP-4D

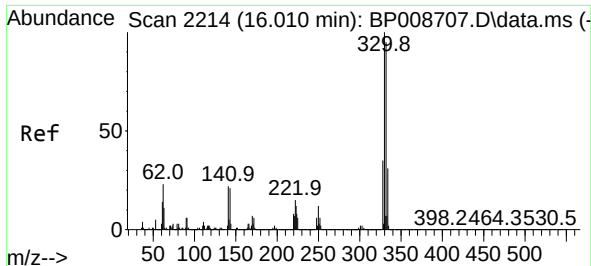
Tgt Ion: 82 Resp: 767755
Ion Ratio Lower Upper
82 100
128 47.2 39.4 59.2
54 44.6 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

Tgt Ion:164 Resp: 1159336
Ion Ratio Lower Upper
164 100
162 100.1 79.9 119.9
160 45.5 35.5 53.3

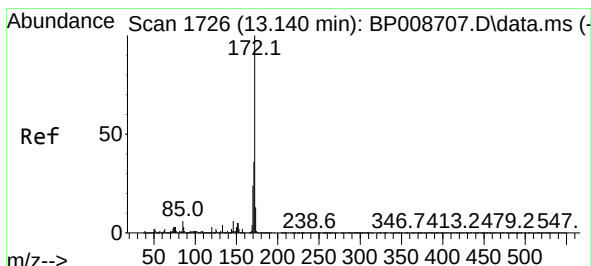
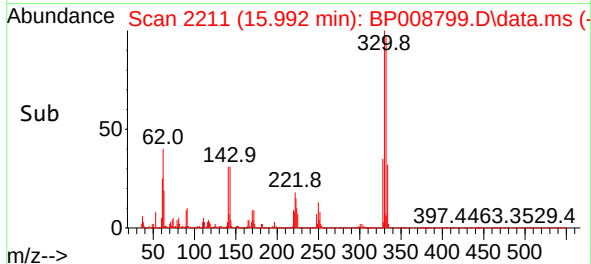
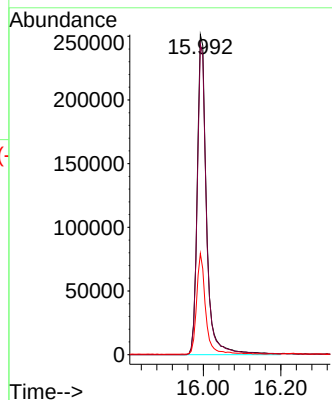
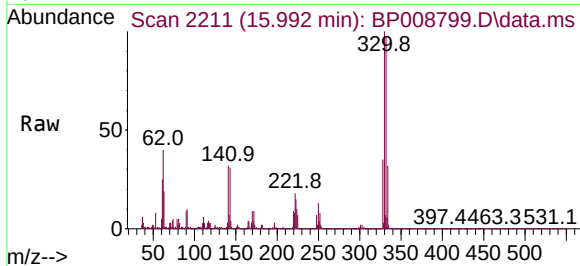




#42
2,4,6-Tribromophenol
Concen: 21.453 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

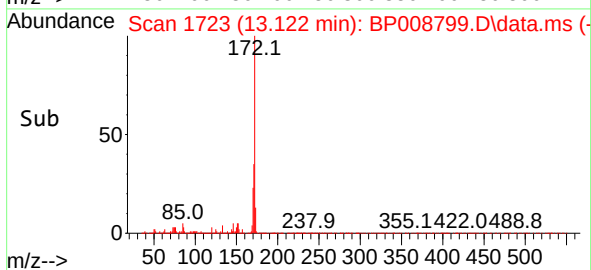
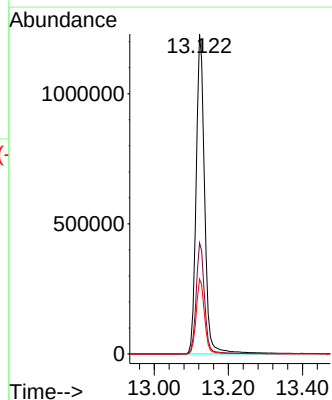
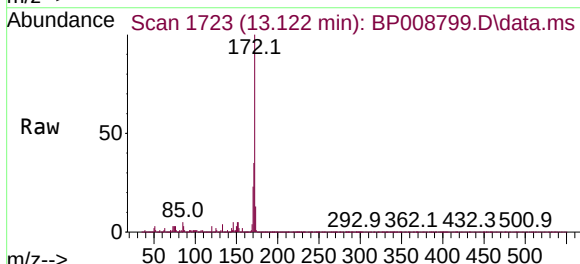
Instrument :
BNA_P
ClientSampleId :
TP-4D

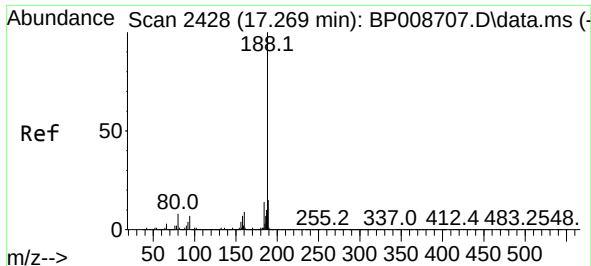
Tgt Ion:330 Resp: 419603
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 30.2 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 23.851 ng
RT: 13.122 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

Tgt Ion:172 Resp: 1966839
Ion Ratio Lower Upper
172 100
171 34.7 29.3 43.9
170 23.4 19.5 29.3

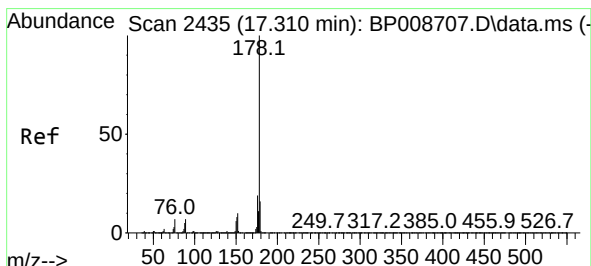
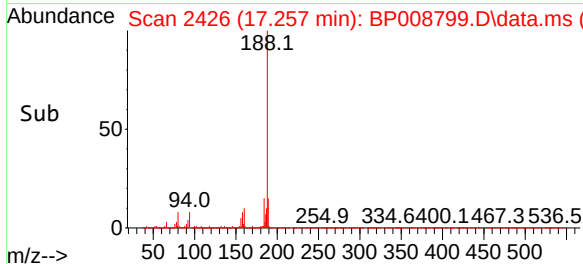
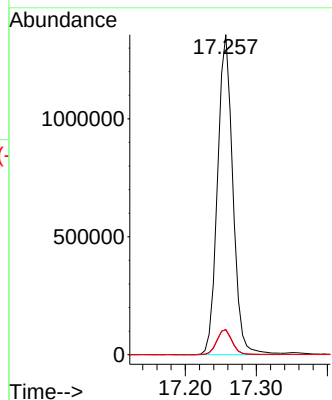
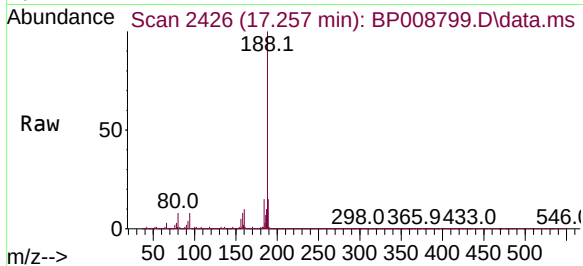




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

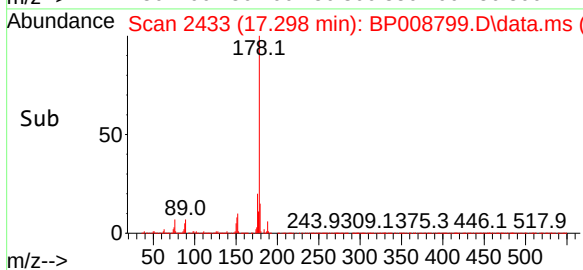
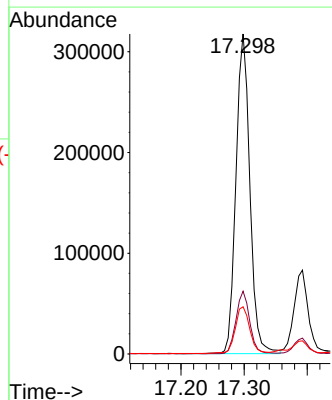
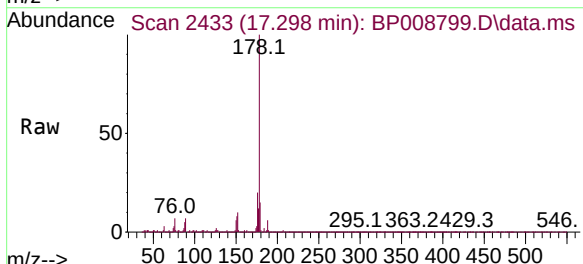
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ClientSampleId :
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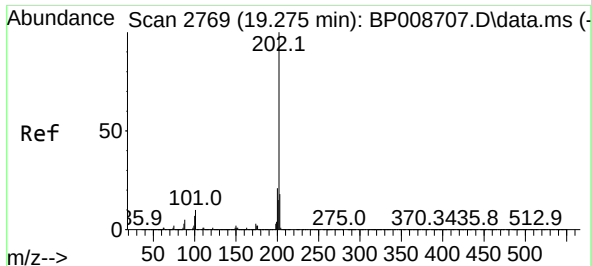
Tgt Ion:188 Resp: 2025307
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 7.9 7.2 10.8



#71
Phenanthrene
Concen: 4.326 ng
RT: 17.298 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

Tgt Ion:178 Resp: 486846
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 14.8 13.0 19.4

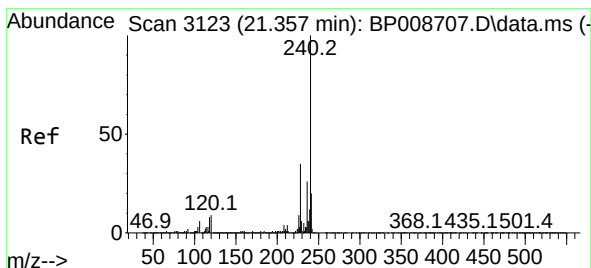
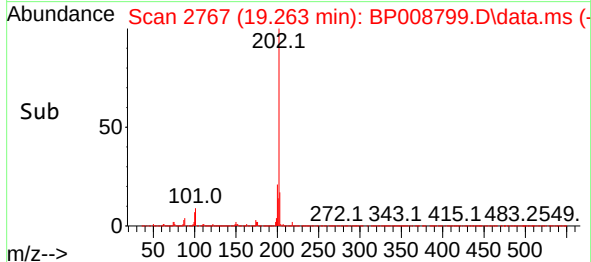
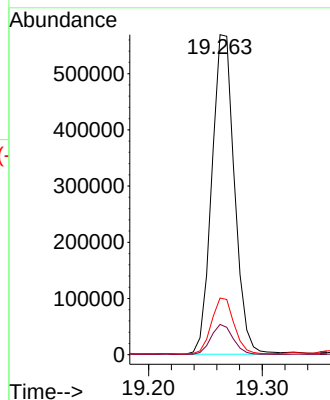
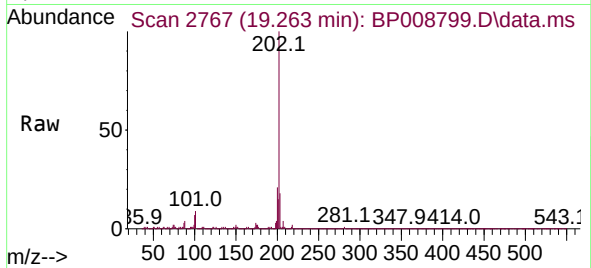




#75
Fluoranthene
Concen: 5.835 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

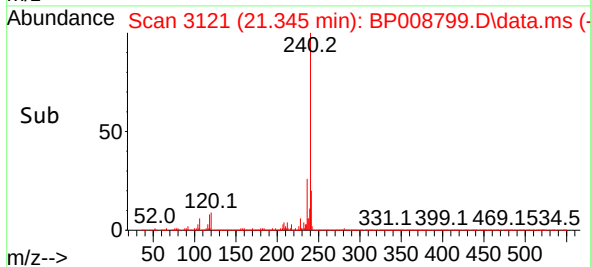
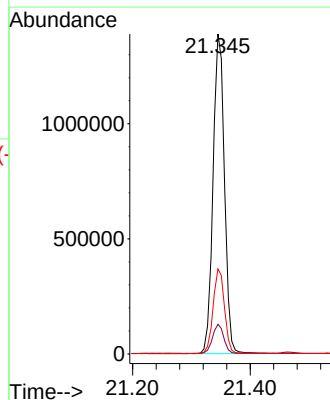
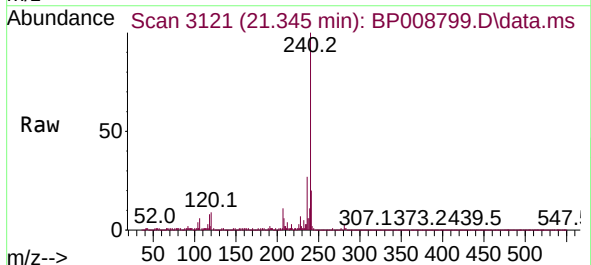
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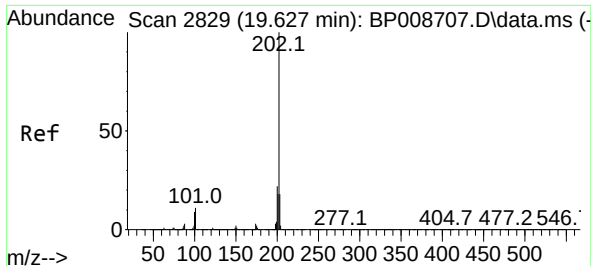
Tgt Ion:202 Resp: 786195
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.7
203 17.7 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

Tgt Ion:240 Resp: 1871850
Ion Ratio Lower Upper
240 100
120 9.3 7.7 11.5
236 26.6 21.2 31.8

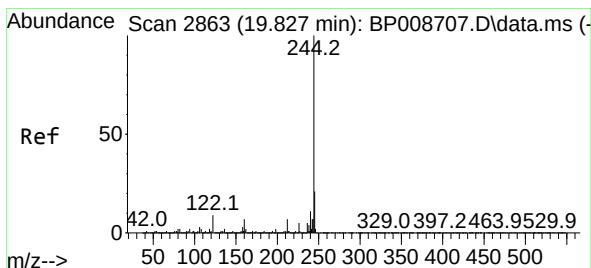
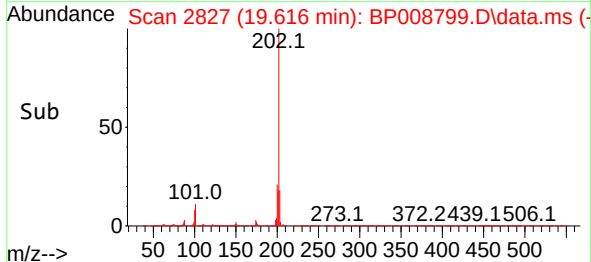
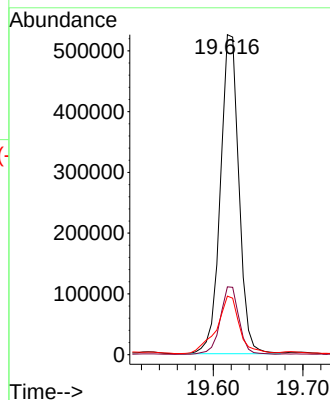
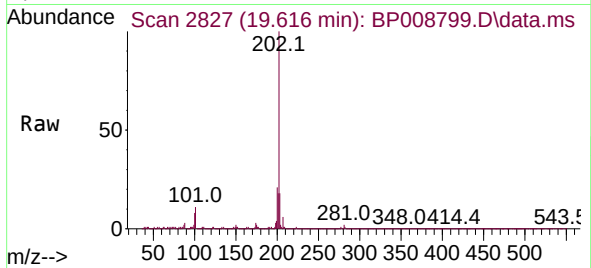




#78
Pyrene
Concen: 6.152 ng
RT: 19.616 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

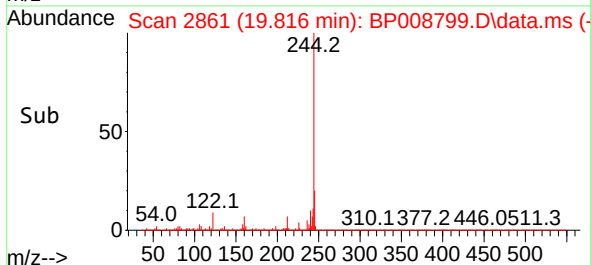
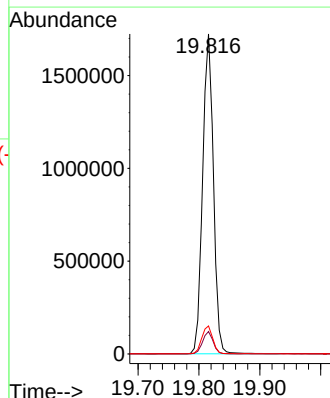
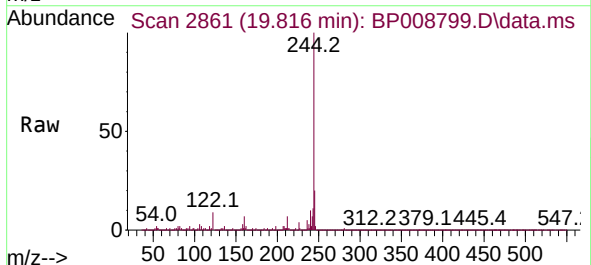
Instrument :
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TP-4D

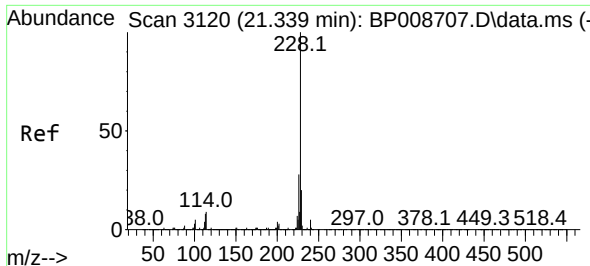
Tgt Ion:202 Resp: 752948
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 18.3 15.0 22.6



#79
Terphenyl-d14
Concen: 22.989 ng
RT: 19.816 min Scan# 2861
Delta R.T. -0.000 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

Tgt Ion:244 Resp: 2111670
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 8.8 9.2 13.8

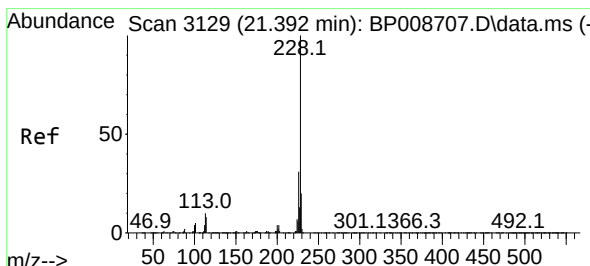
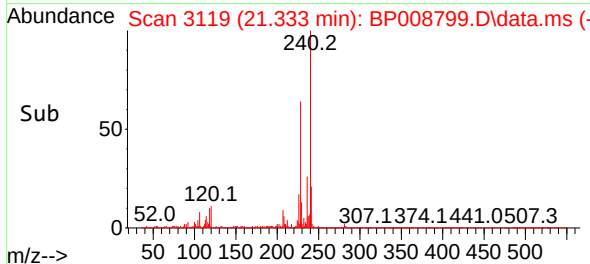
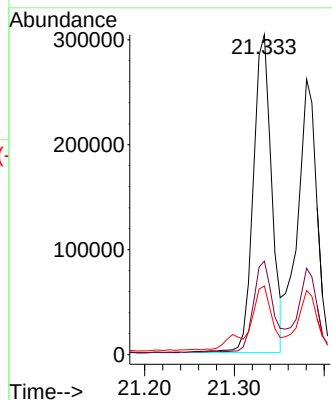
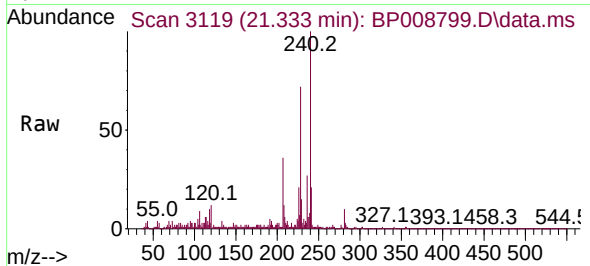




#81
Benzo(a)anthracene
Concen: 3.494 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

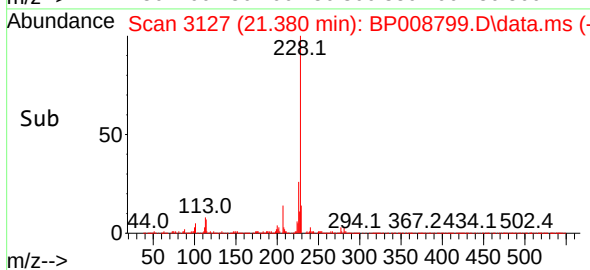
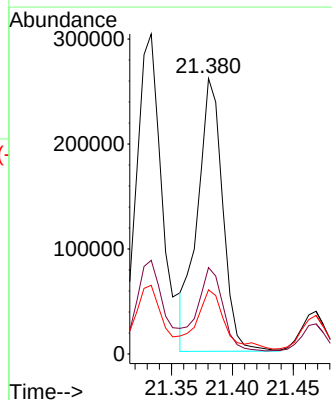
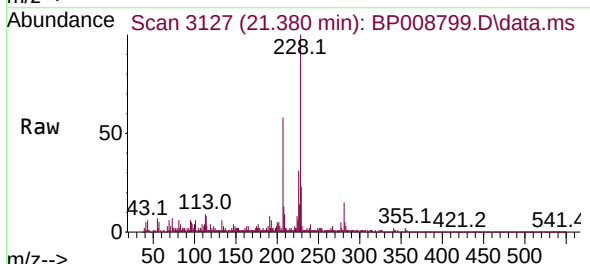
Instrument :
BNA_P
ClientSampleId :
TP-4D

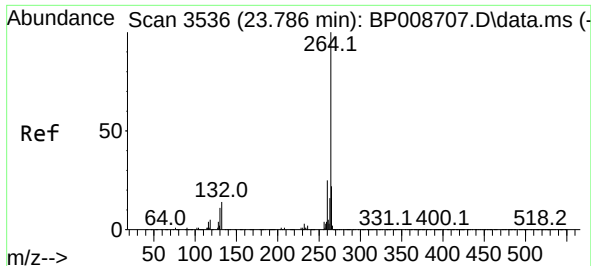
Tgt Ion:228 Resp: 429015
Ion Ratio Lower Upper
228 100
226 29.2 23.3 34.9
229 21.5 17.0 25.6



#83
Chrysene
Concen: 3.178 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

Tgt Ion:228 Resp: 376437
Ion Ratio Lower Upper
228 100
226 31.4 26.0 39.0
229 23.3 16.9 25.3

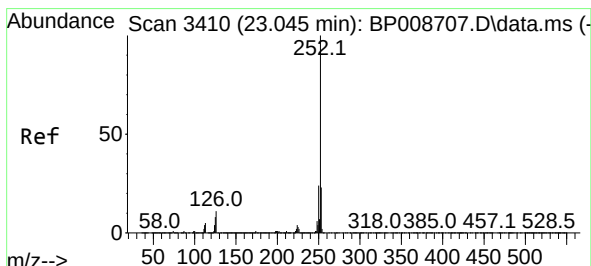
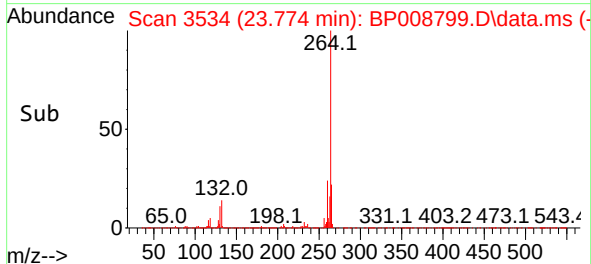
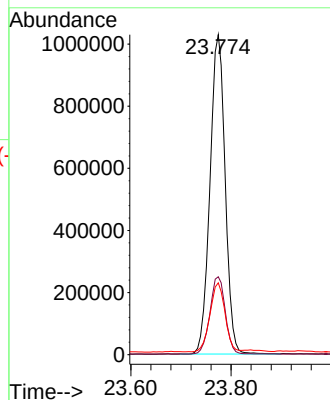
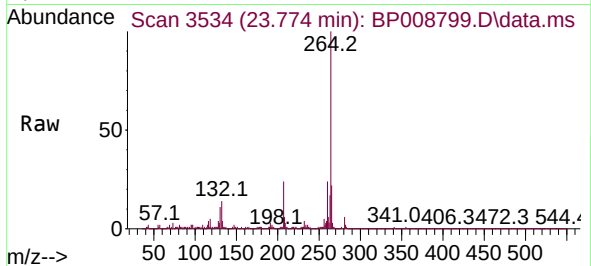




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.774 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP008799.D
 Acq: 13 Jan 2022 20:10

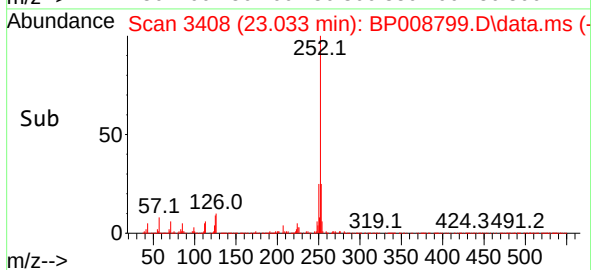
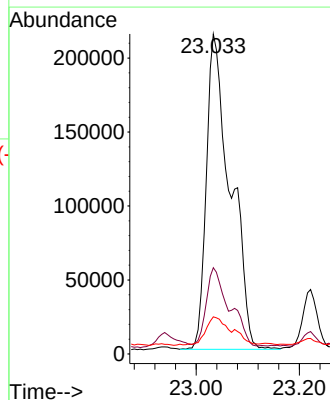
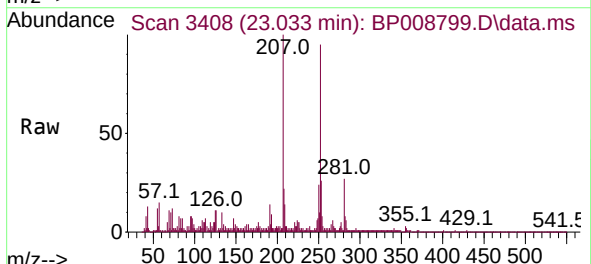
Instrument :
 BNA_P
 ClientSampleId :
 TP-4D

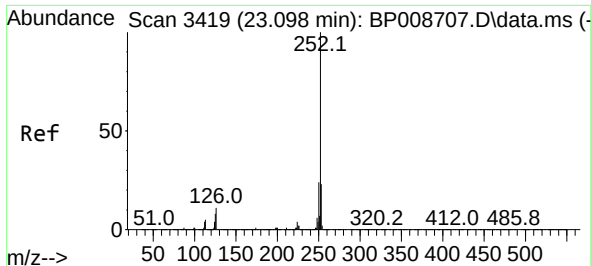
Tgt Ion:264 Resp: 2161579
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 22.5 17.1 25.7



#88
 Benzo(b)fluoranthene
 Concen: 4.874 ng
 RT: 23.033 min Scan# 3408
 Delta R.T. 0.006 min
 Lab File: BP008799.D
 Acq: 13 Jan 2022 20:10

Tgt Ion:252 Resp: 688348
 Ion Ratio Lower Upper
 252 100
 253 27.0 18.0 27.0
 125 11.6 6.9 10.3#

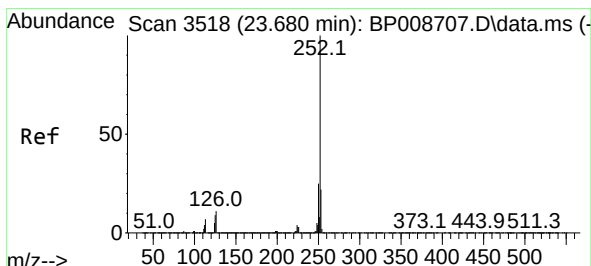
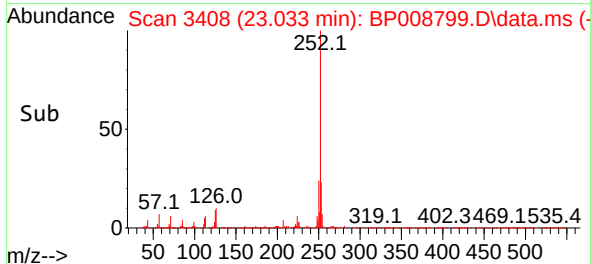
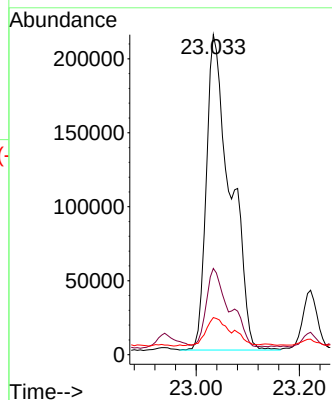
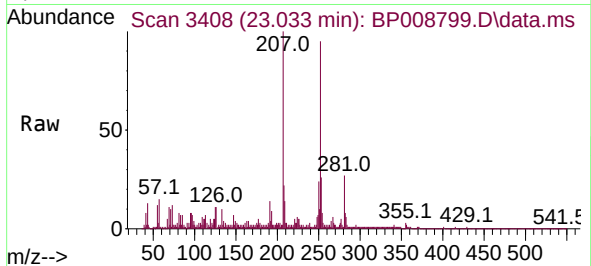




#89
Benzo(k)fluoranthene
Concen: 5.208 ng
RT: 23.033 min Scan# 3419
Delta R.T. -0.047 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

Instrument :
BNA_P
ClientSampleId :
TP-4D

Tgt Ion:252 Resp: 688348
Ion Ratio Lower Upper
252 100
253 27.0 18.2 27.2
125 11.6 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 2.822 ng
RT: 23.663 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BP008799.D
Acq: 13 Jan 2022 20:10

Tgt Ion:252 Resp: 385227
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 12.6 7.8 11.6#

