

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
 Data File : BP008798.D
 Acq On : 13 Jan 2022 19:37
 Operator : CG/JU
 Sample : N1112-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4S

Quant Time: Jan 13 23:27:50 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)

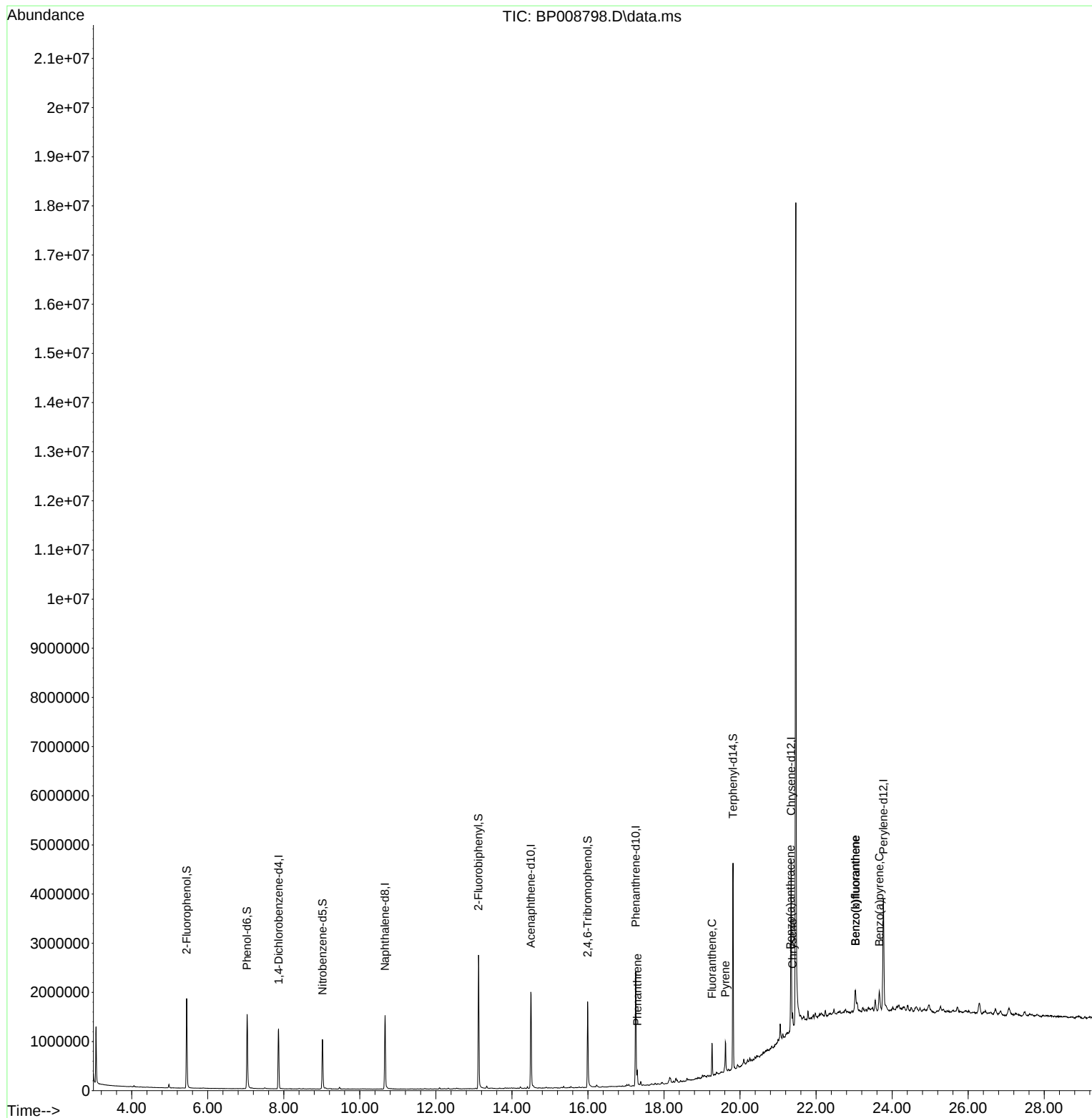
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	369324	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1346063	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	804678	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1545817	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1578773	20.000	ng	0.00
86) Perylene-d12	23.768	264	1764434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	878260	37.239	ng	0.00
7) Phenol-d6	7.034	99	1033297	32.637	ng	-0.01
23) Nitrobenzene-d5	9.016	82	651351	27.404	ng	-0.01
42) 2,4,6-Tribromophenol	15.992	330	401481	29.573	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1607143	28.079	ng	-0.01
79) Terphenyl-d14	19.815	244	2092855	27.014	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.298	178	186831	2.175	ng	98
75) Fluoranthene	19.262	202	404909	3.937	ng	97
78) Pyrene	19.615	202	394659	3.823	ng	99
81) Benzo(a)anthracene	21.327	228	244642	2.362	ng	99
83) Chrysene	21.380	228	223198	2.234	ng	97
88) Benzo(b)fluoranthene	23.033	252	309574	2.685	ng	# 84
89) Benzo(k)fluoranthene	23.033	252	309574	2.869	ng	# 85
90) Benzo(a)pyrene	23.662	252	230665	2.070	ng	# 92

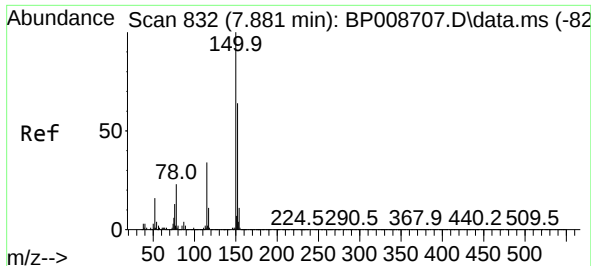
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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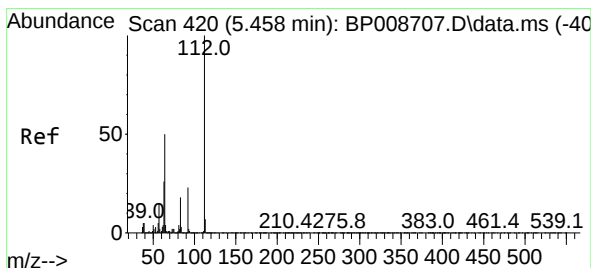
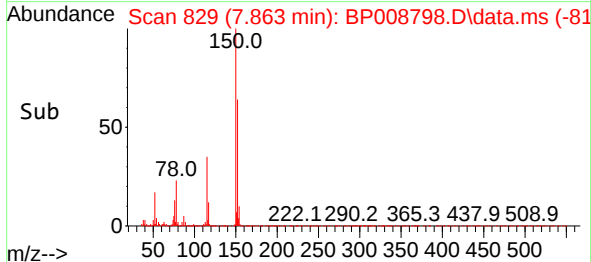
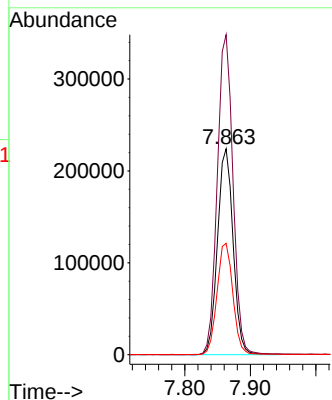
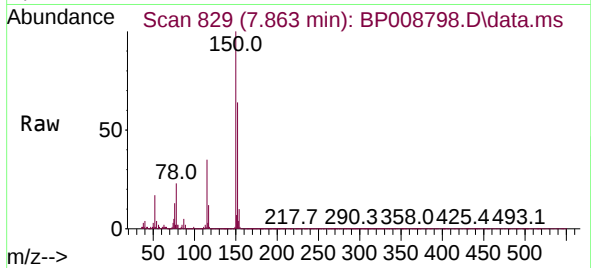




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

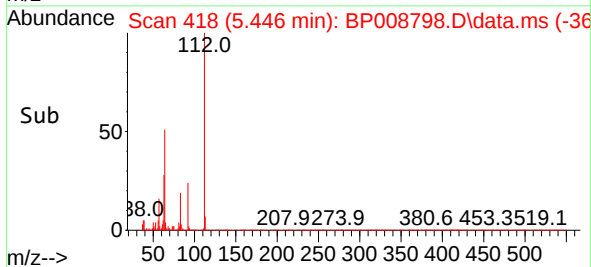
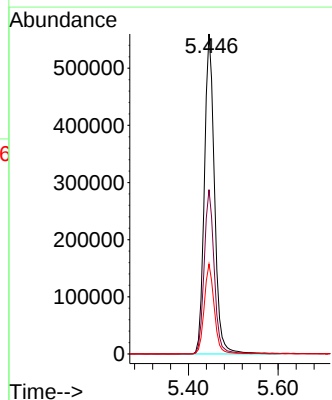
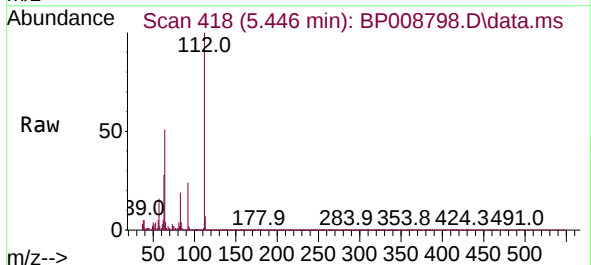
Instrument :
BNA_P
ClientSampleId :
TP-4S

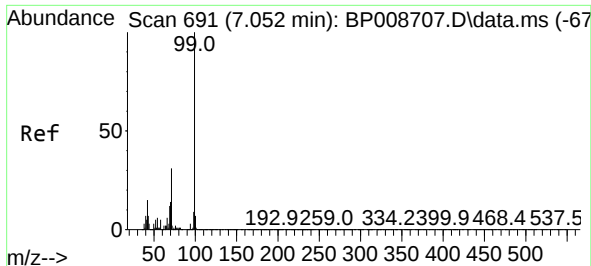
Tgt Ion:152 Resp: 369324
Ion Ratio Lower Upper
152 100
150 155.4 127.0 190.6
115 54.1 43.7 65.5



#5
2-Fluorophenol
Concen: 37.239 ng
RT: 5.446 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

Tgt Ion:112 Resp: 878260
Ion Ratio Lower Upper
112 100
64 51.4 39.7 59.5
63 28.1 20.0 30.0

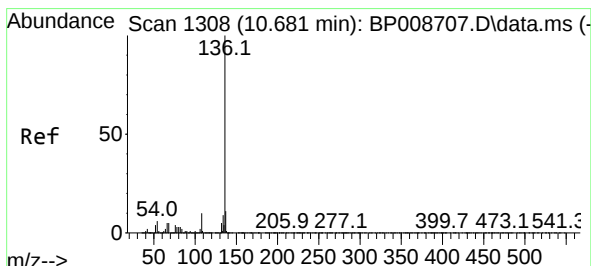
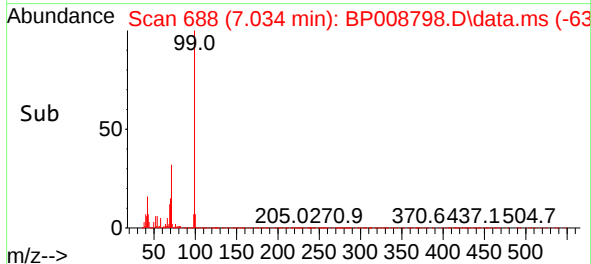
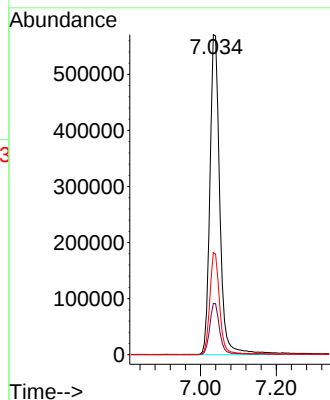
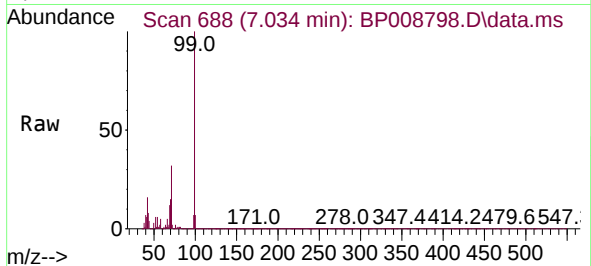




#7
Phenol-d6
Concen: 32.637 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

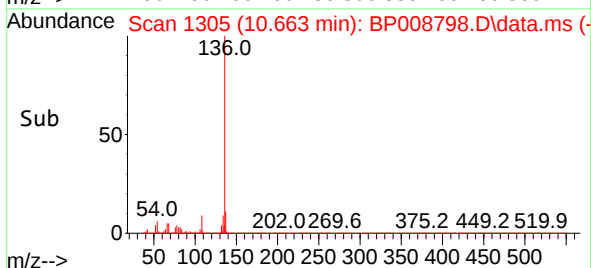
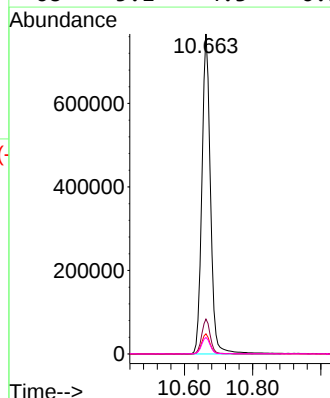
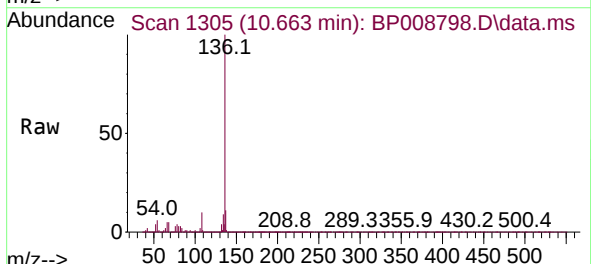
Instrument :
BNA_P
ClientSampleId :
TP-4S

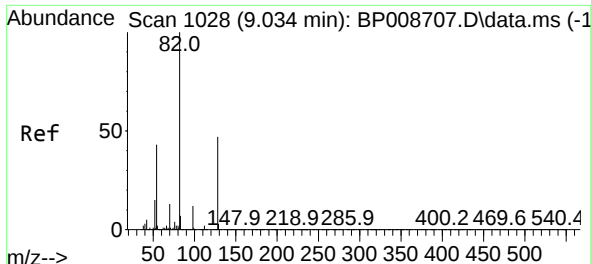
Tgt Ion: 99 Resp: 1033297
Ion Ratio Lower Upper
99 100
42 16.0 10.8 16.2
71 31.9 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 136 Resp: 1346063
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.3 4.9 7.3
68 5.1 4.3 6.5

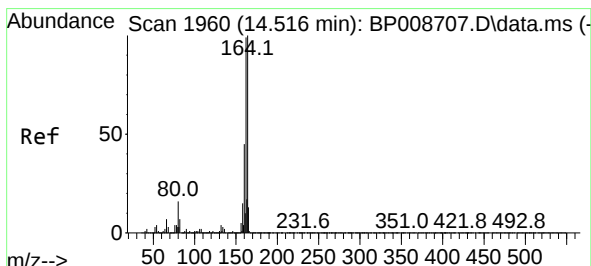
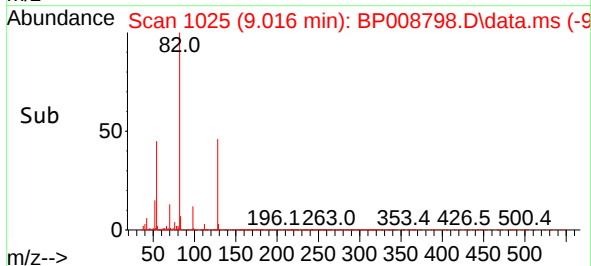
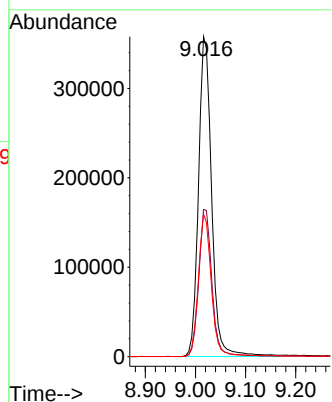
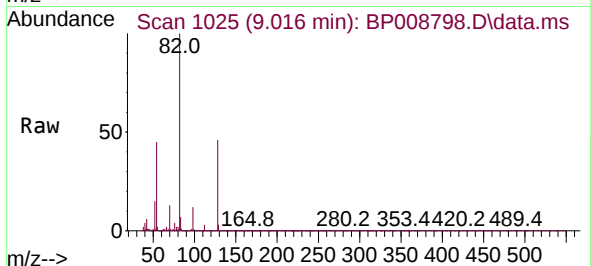




#23
Nitrobenzene-d5
Concen: 27.404 ng
RT: 9.016 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

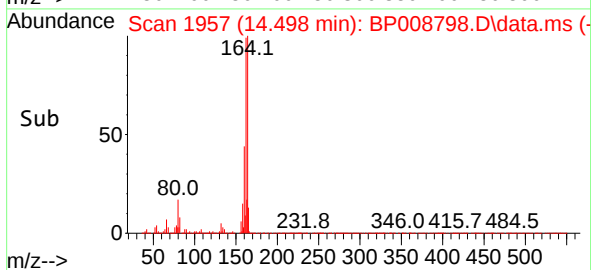
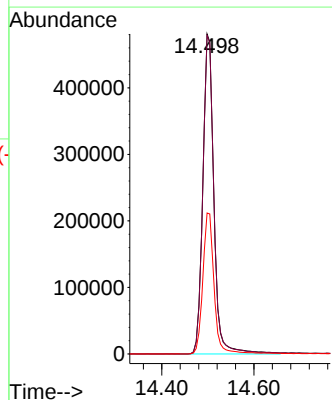
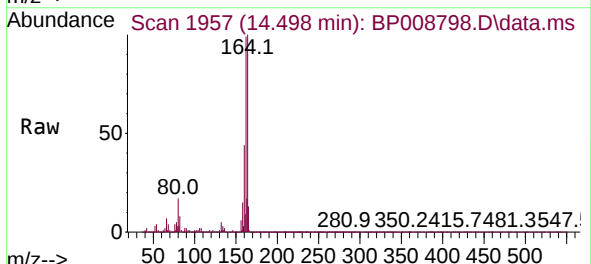
Instrument :
BNA_P
ClientSampleId :
TP-4S

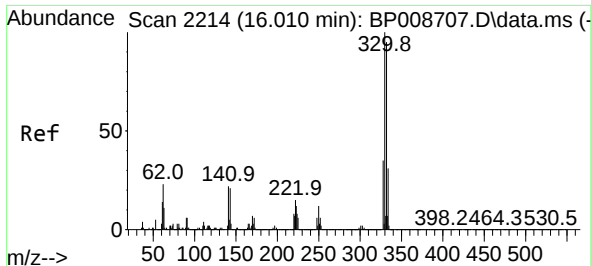
Tgt Ion: 82 Resp: 651351
Ion Ratio Lower Upper
82 100
128 46.0 39.4 59.2
54 44.6 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

Tgt Ion:164 Resp: 804678
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 44.0 35.5 53.3

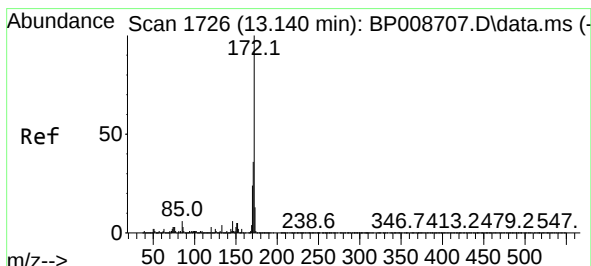
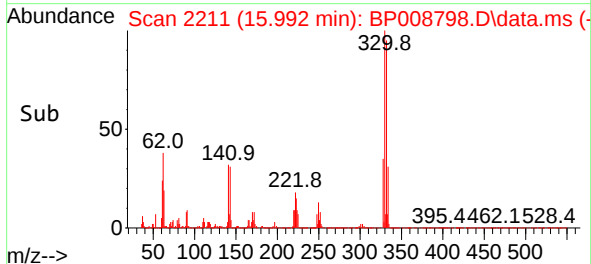
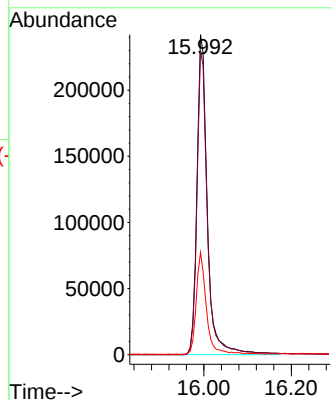
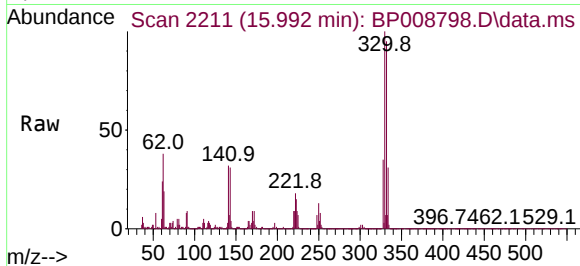




#42
2,4,6-Tribromophenol
Concen: 29.573 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

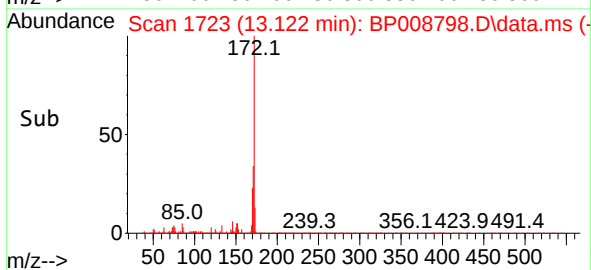
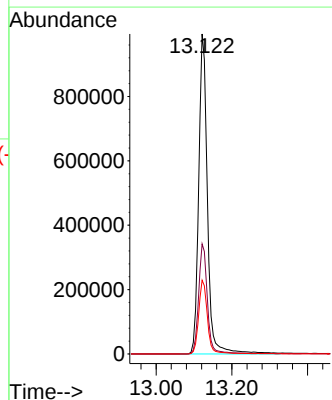
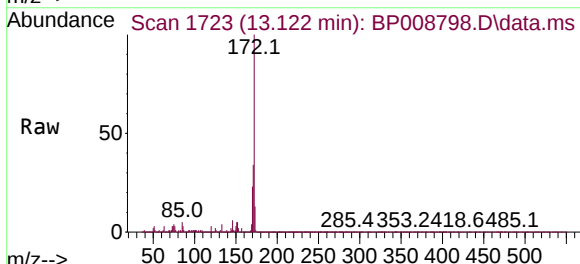
Instrument :
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ClientSampleId :
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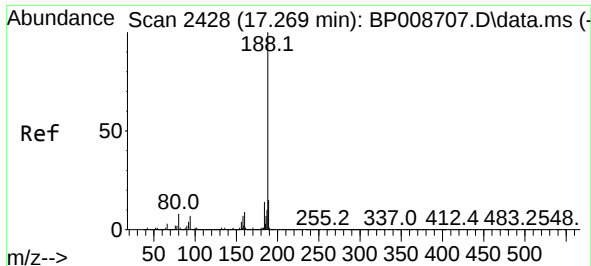
Tgt Ion: 330 Resp: 401481
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 31.2 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 28.079 ng
RT: 13.122 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

Tgt Ion: 172 Resp: 1607143
Ion Ratio Lower Upper
172 100
171 34.4 29.3 43.9
170 23.1 19.5 29.3

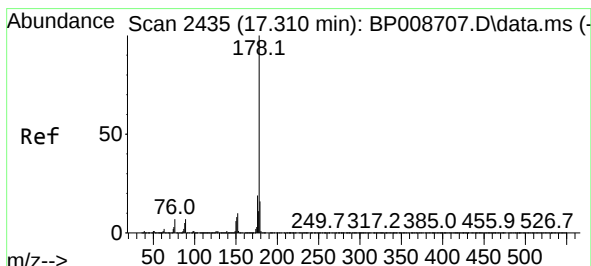
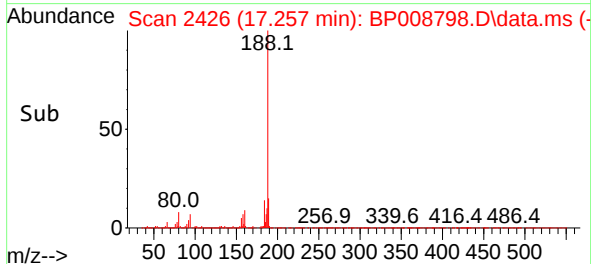
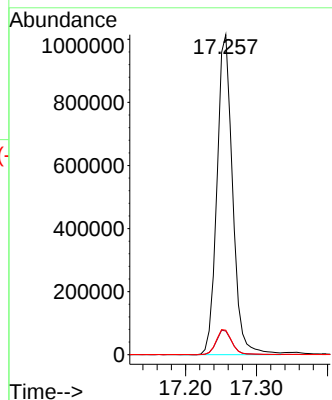
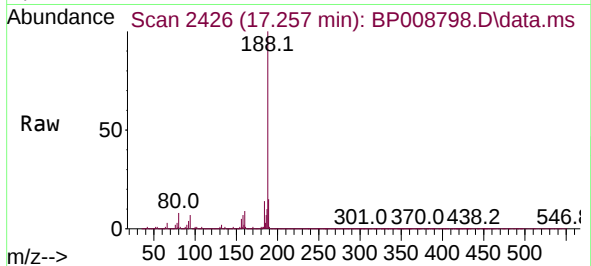




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

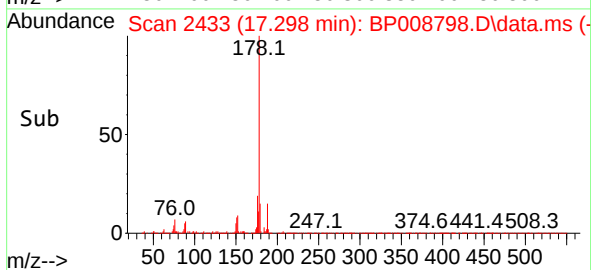
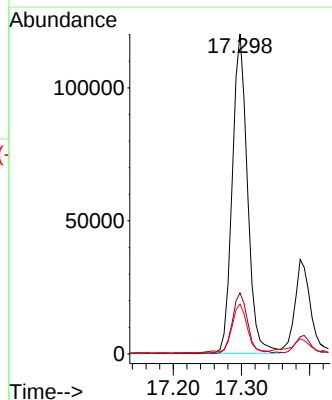
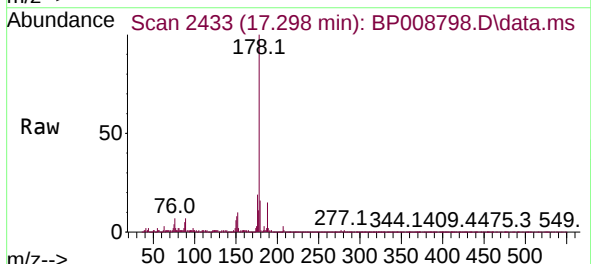
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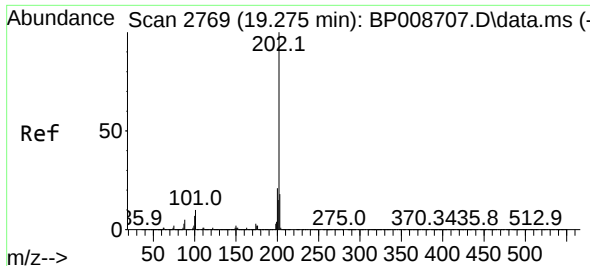
Tgt Ion:188 Resp: 1545817
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.7 7.2 10.8



#71
Phenanthrene
Concen: 2.175 ng
RT: 17.298 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

Tgt Ion:178 Resp: 186831
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.6 13.0 19.4

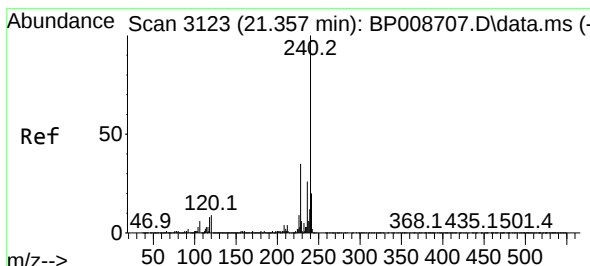
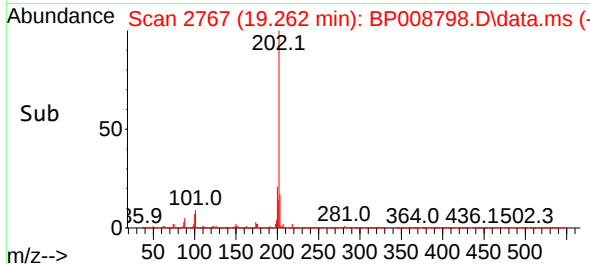
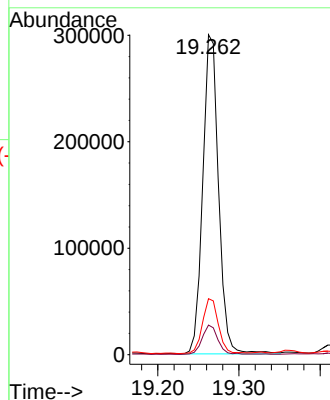
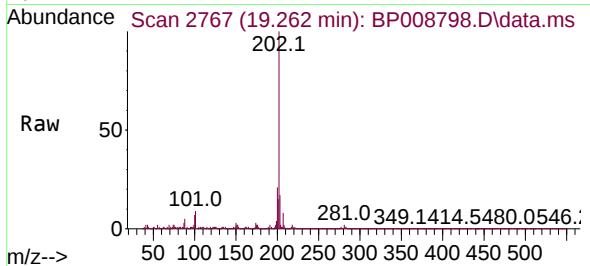




#75
Fluoranthene
Concen: 3.937 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

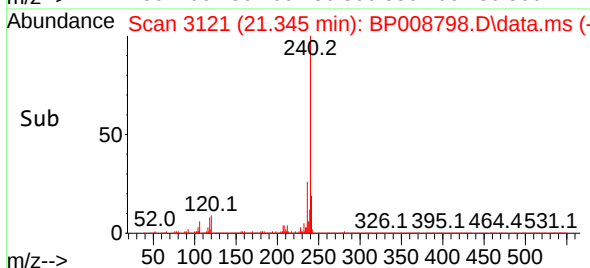
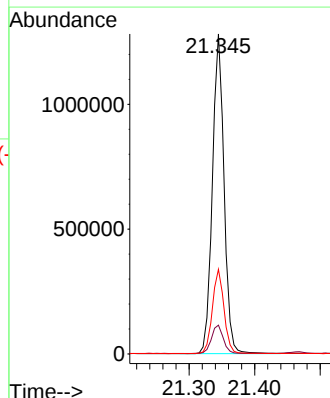
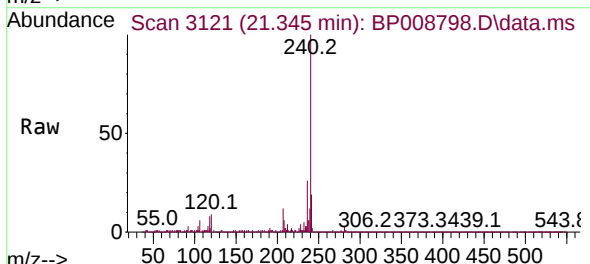
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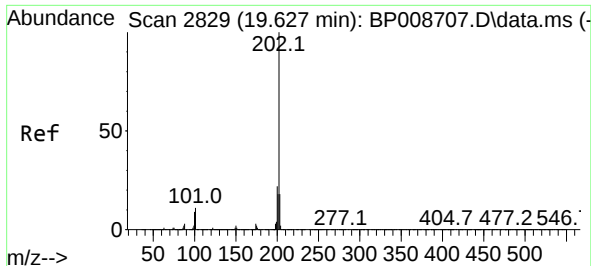
Tgt Ion:202 Resp: 404909
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.7
203 17.5 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

Tgt Ion:240 Resp: 1578773
Ion Ratio Lower Upper
240 100
120 9.0 7.7 11.5
236 26.5 21.2 31.8

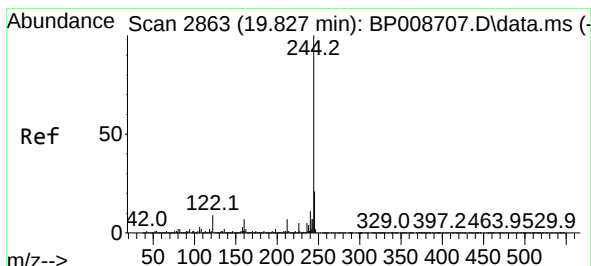
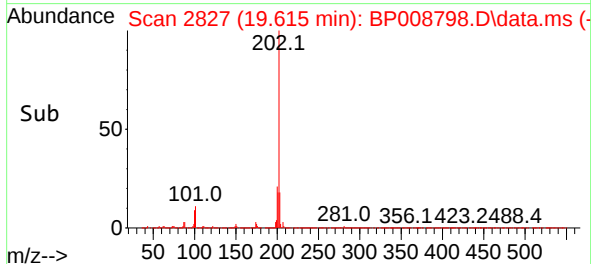
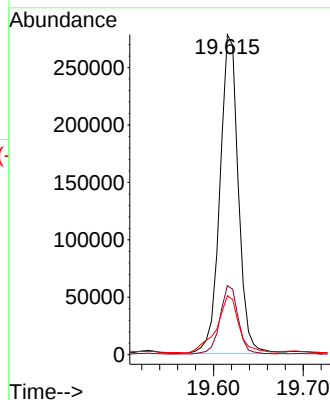
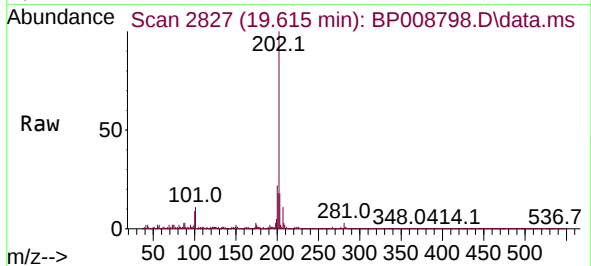




#78
Pyrene
Concen: 3.823 ng
RT: 19.615 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

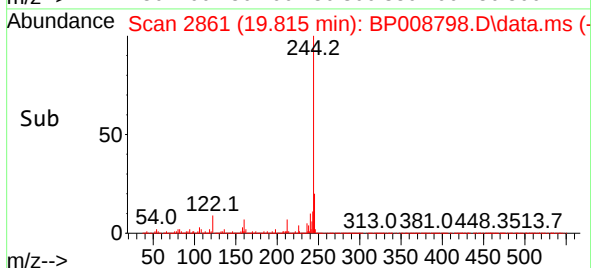
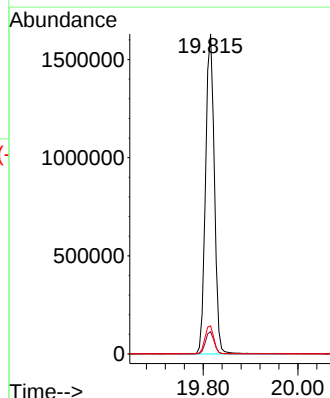
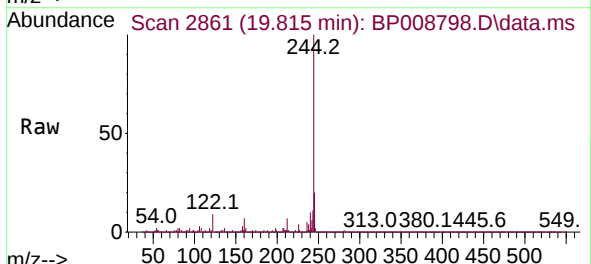
Instrument :
BNA_P
ClientSampleId :
TP-4S

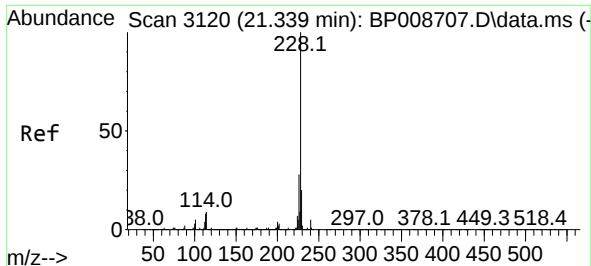
Tgt Ion:202 Resp: 394659
Ion Ratio Lower Upper
202 100
200 21.5 18.0 27.0
203 18.5 15.0 22.6



#79
Terphenyl-d14
Concen: 27.014 ng
RT: 19.815 min Scan# 2861
Delta R.T. -0.000 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

Tgt Ion:244 Resp: 2092855
Ion Ratio Lower Upper
244 100
212 6.9 6.5 9.7
122 8.8 9.2 13.8

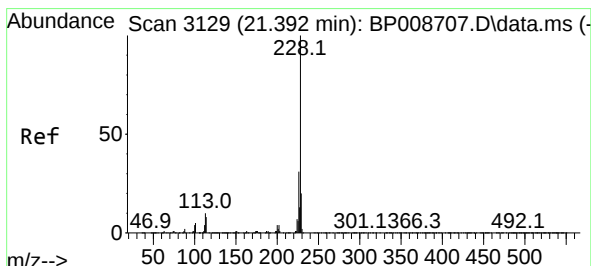
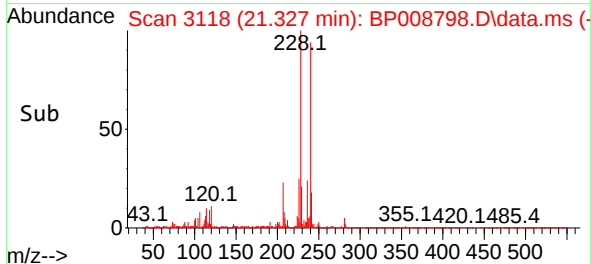
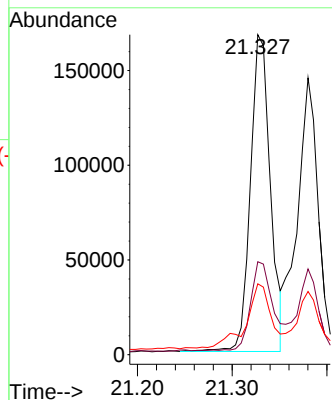
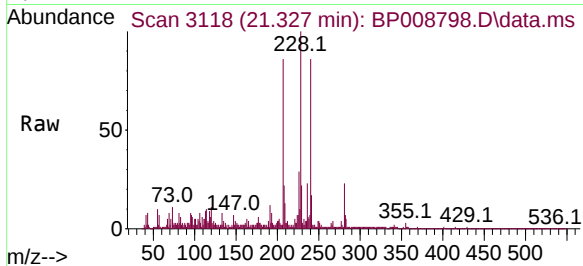




#81
Benzo(a)anthracene
Concen: 2.362 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

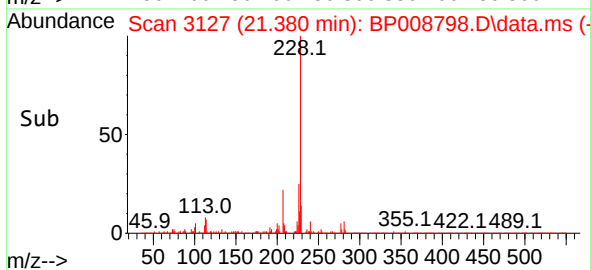
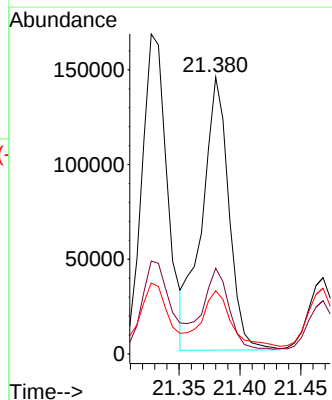
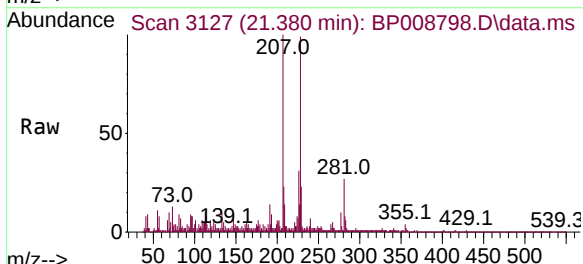
Instrument :
BNA_P
ClientSampleId :
TP-4S

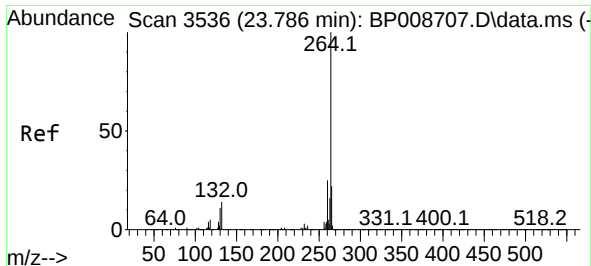
Tgt Ion:228 Resp: 244642
Ion Ratio Lower Upper
228 100
226 29.0 23.3 34.9
229 22.1 17.0 25.6



#83
Chrysene
Concen: 2.234 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

Tgt Ion:228 Resp: 223198
Ion Ratio Lower Upper
228 100
226 31.0 26.0 39.0
229 22.9 16.9 25.3

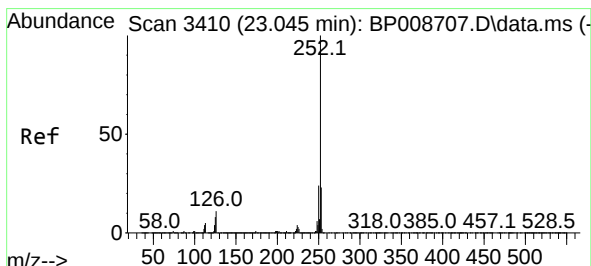
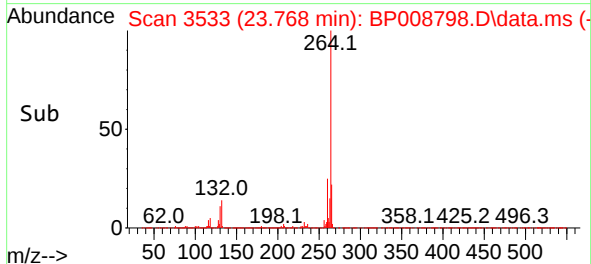
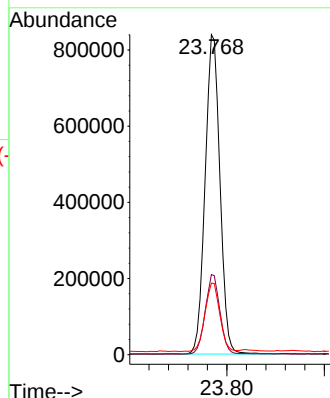
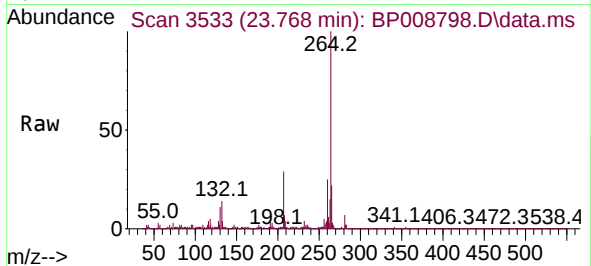




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP008798.D
 Acq: 13 Jan 2022 19:37

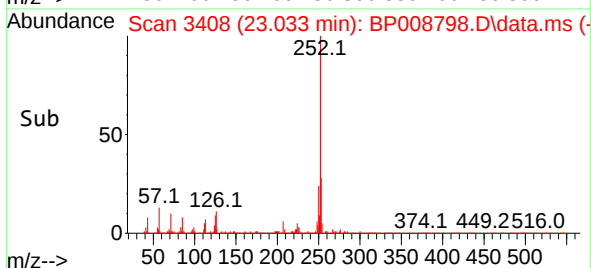
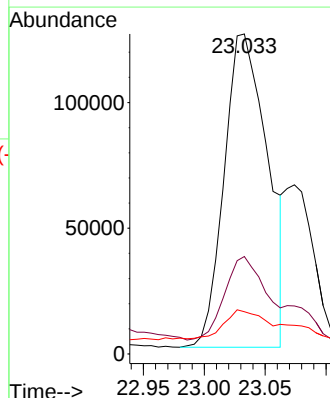
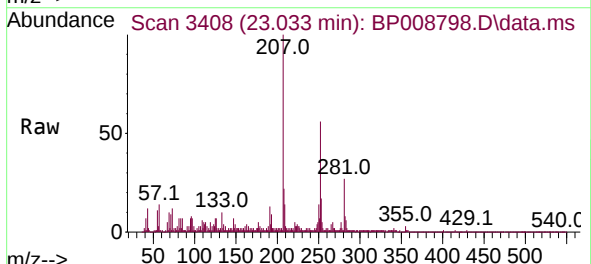
Instrument :
 BNA_P
 ClientSampleId :
 TP-4S

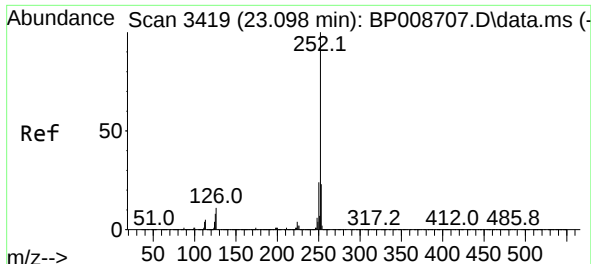
Tgt Ion:264 Resp: 1764434
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.1 28.7
 265 22.4 17.1 25.7



#88
 Benzo(b)fluoranthene
 Concen: 2.685 ng
 RT: 23.033 min Scan# 3408
 Delta R.T. 0.005 min
 Lab File: BP008798.D
 Acq: 13 Jan 2022 19:37

Tgt Ion:252 Resp: 309574
 Ion Ratio Lower Upper
 252 100
 253 30.4 18.0 27.0#
 125 13.2 6.9 10.3#

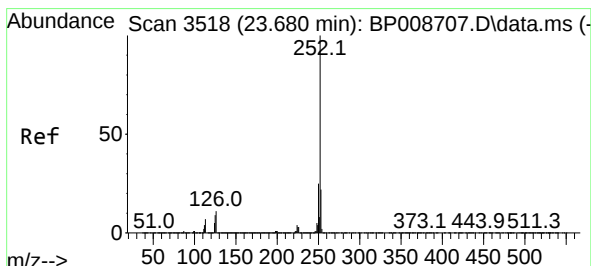
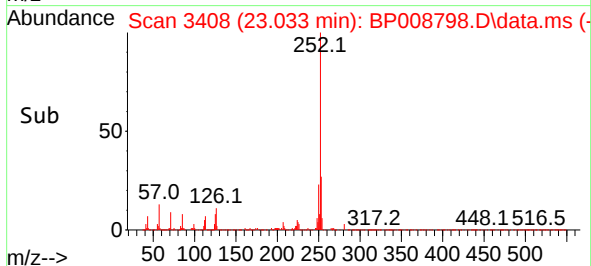
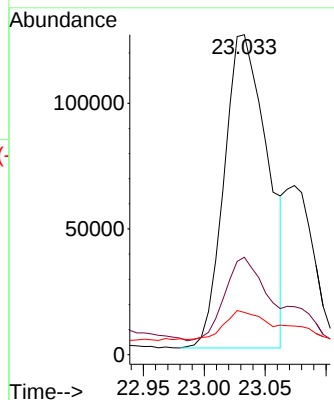
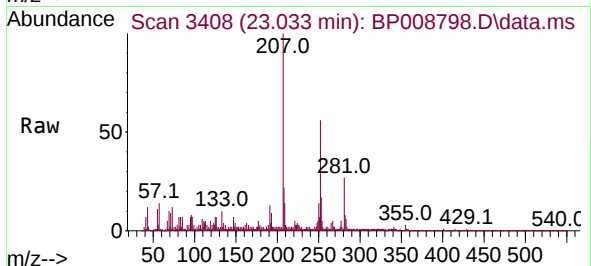




#89
Benzo(k)fluoranthene
Concen: 2.869 ng
RT: 23.033 min Scan# 3419
Delta R.T. -0.048 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

Instrument :
BNA_P
ClientSampleId :
TP-4S

Tgt Ion:252 Resp: 309574
Ion Ratio Lower Upper
252 100
253 30.4 18.2 27.2#
125 13.2 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 2.070 ng
RT: 23.662 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BP008798.D
Acq: 13 Jan 2022 19:37

Tgt Ion:252 Resp: 230665
Ion Ratio Lower Upper
252 100
253 25.6 17.8 26.8
125 14.1 7.8 11.6#

