

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
 Data File : BP009226.D
 Acq On : 18 Feb 2022 22:03
 Operator : CG/JU
 Sample : N1571-02DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3DL

Quant Time: Feb 19 00:51:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 19 00:46:08 2022
 Response via : Initial Calibration

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

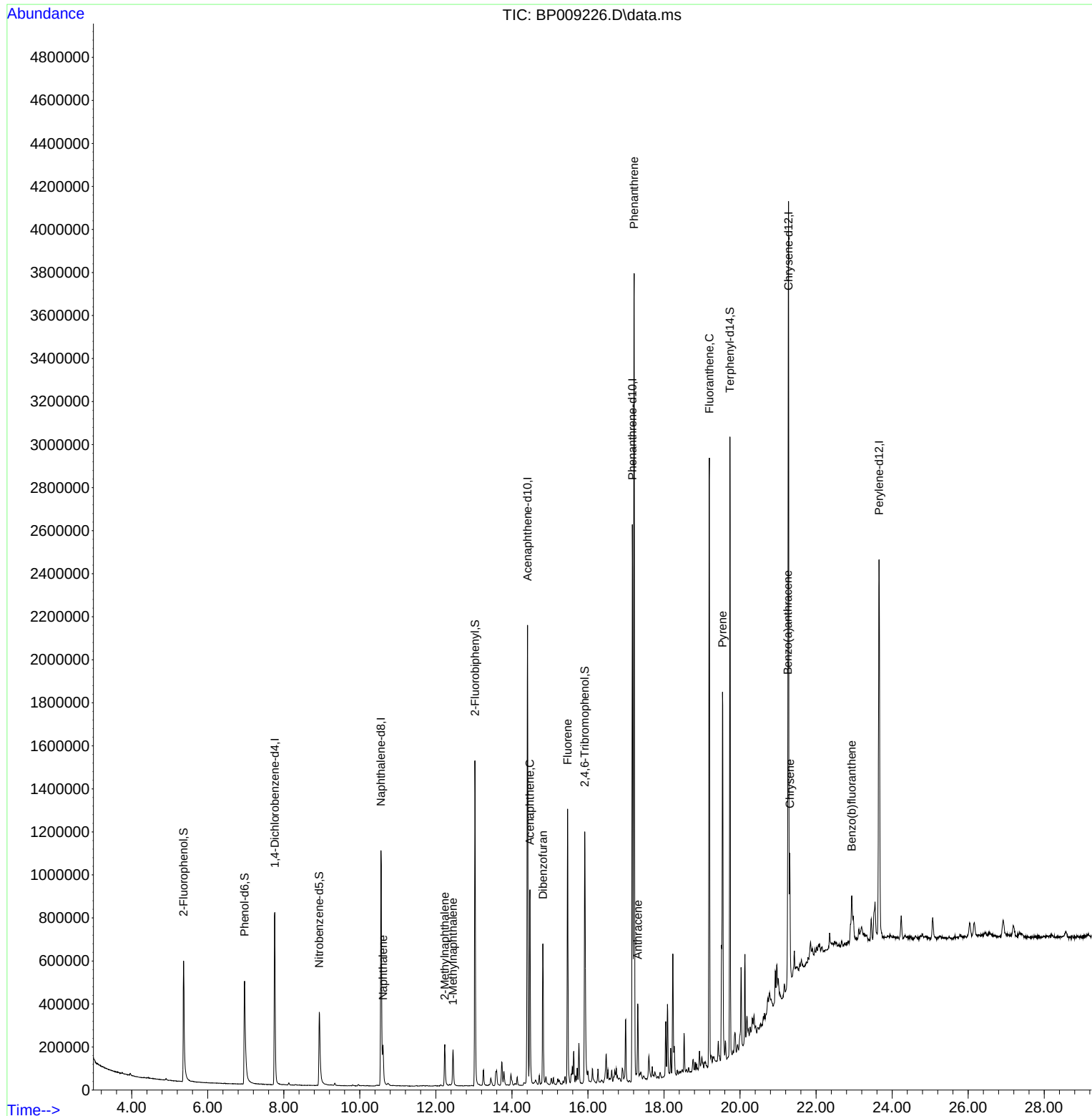
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	269112	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1101899	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	773212	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1696223	20.000	ng	0.00
76) Chrysene-d12	21.274	240	1709268	20.000	ng	0.00
86) Perylene-d12	23.657	264	1511891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	380811	25.242	ng	0.00
7) Phenol-d6	6.969	99	483719	24.333	ng	0.00
23) Nitrobenzene-d5	8.934	82	311592	15.947	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	264507	25.621	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	875784	15.856	ng	0.00
79) Terphenyl-d14	19.733	244	1368589	14.399	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.610	128	156615	2.787	ng	100
37) 2-Methylnaphthalene	12.234	142	123814	3.113	ng	97
38) 1-Methylnaphthalene	12.451	142	98570	2.536	ng	99
52) Acenaphthene	14.475	154	349546	8.441	ng	98
55) Dibenzofuran	14.816	168	495628	7.104	ng	100
58) Fluorene	15.463	166	605607	11.299	ng	98
71) Phenanthrene	17.216	178	2484696	27.053	ng	98
72) Anthracene	17.310	178	254533	2.833	ng	98
75) Fluoranthene	19.192	202	1817621	17.657	ng	96
78) Pyrene	19.539	202	1184432	9.741	ng	98
81) Benzo(a)anthracene	21.257	228	346601	3.147	ng	98
83) Chrysene	21.310	228	341295	3.214	ng	98
88) Benzo(b)fluoranthene	22.939	252	216278	2.324	ng	99

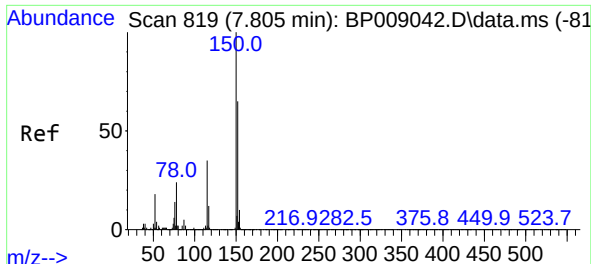
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 19 00:46:08 2022
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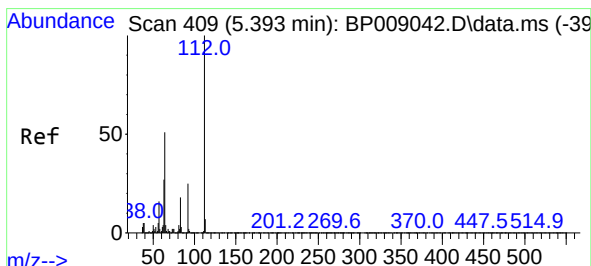
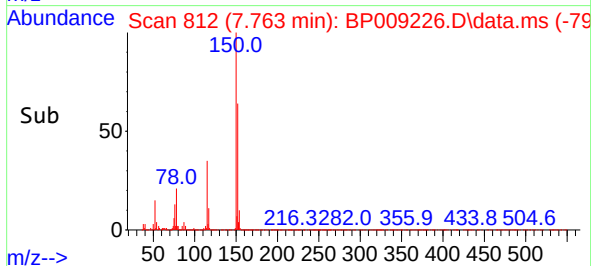
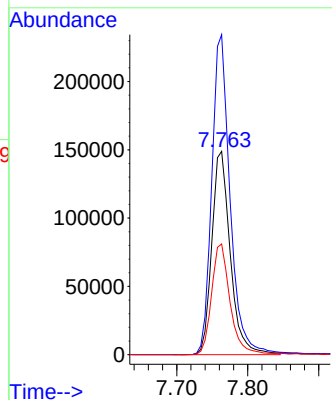
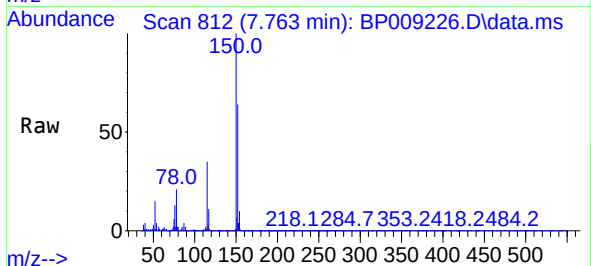




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

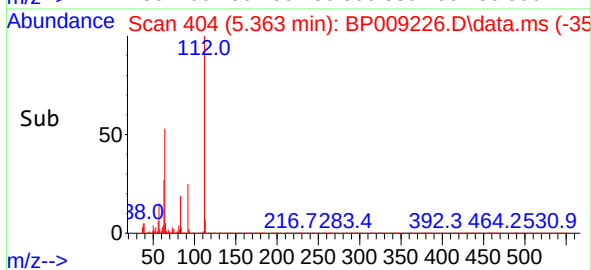
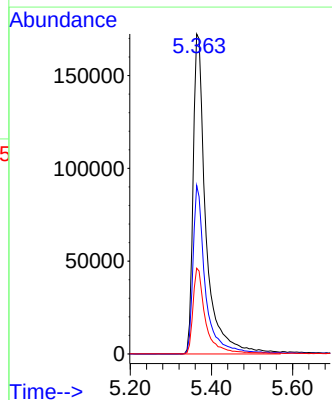
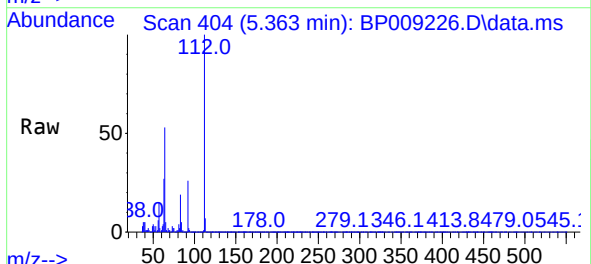
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TP-3DL

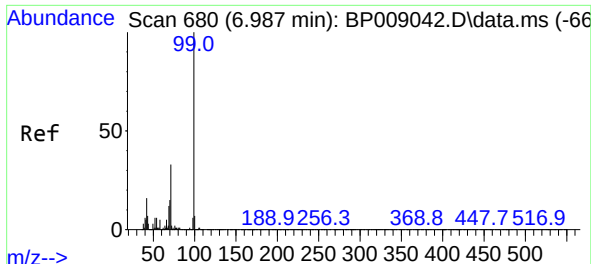
Tgt Ion:152 Resp: 269112
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 54.4 43.7 65.5



#5
2-Fluorophenol
Concen: 25.242 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

Tgt Ion:112 Resp: 380811
Ion Ratio Lower Upper
112 100
64 52.6 39.7 59.5
63 26.8 20.0 30.0

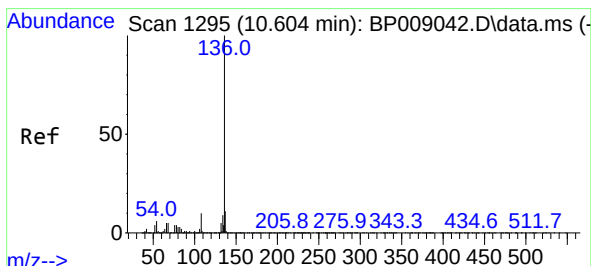
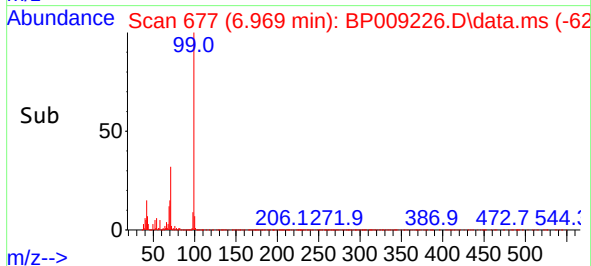
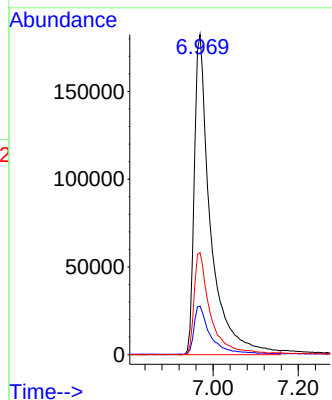
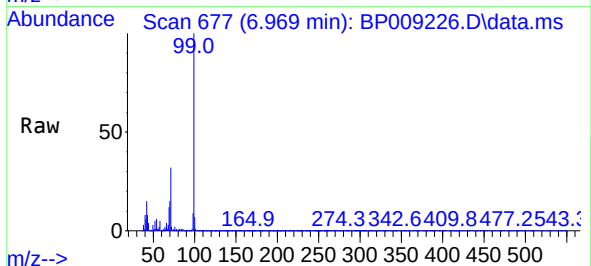




#7
Phenol-d6
Concen: 24.333 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

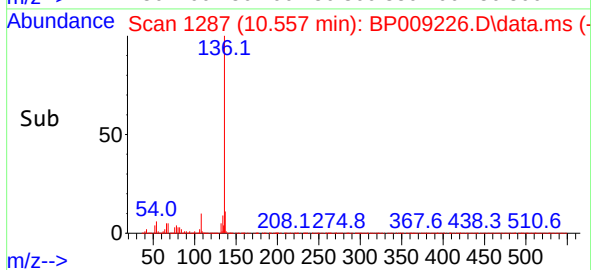
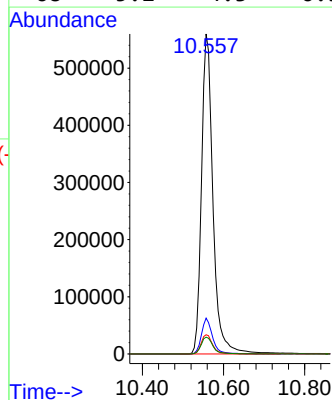
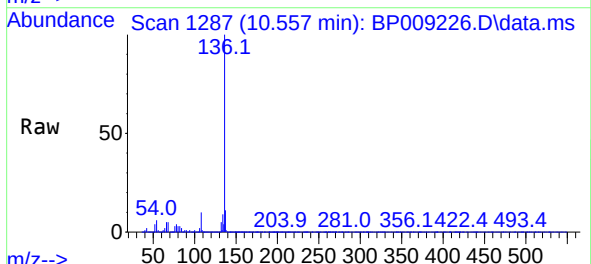
Instrument :
BNA_P
ClientSampleId :
TP-3DL

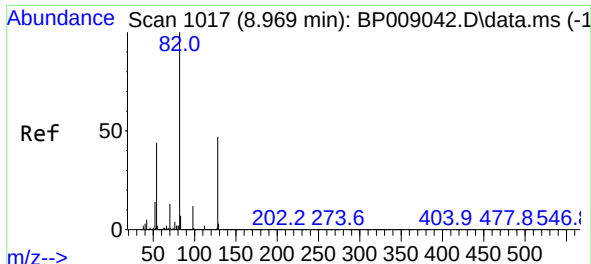
Tgt Ion: 99 Resp: 483719
Ion Ratio Lower Upper
99 100
42 15.2 10.8 16.2
71 31.9 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

Tgt Ion: 136 Resp: 1101899
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.0 4.9 7.3
68 5.2 4.3 6.5

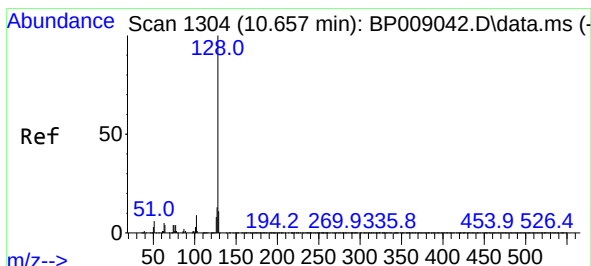
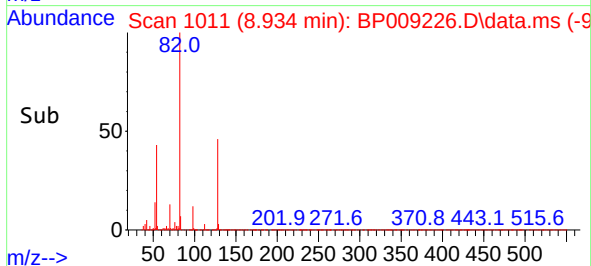
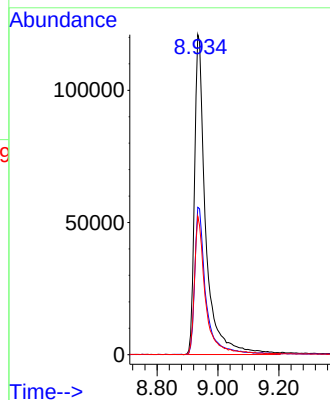
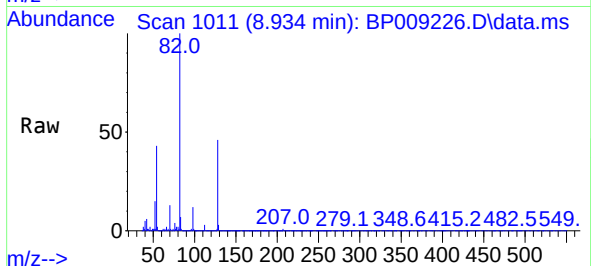




#23
Nitrobenzene-d5
Concen: 15.947 ng
RT: 8.934 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

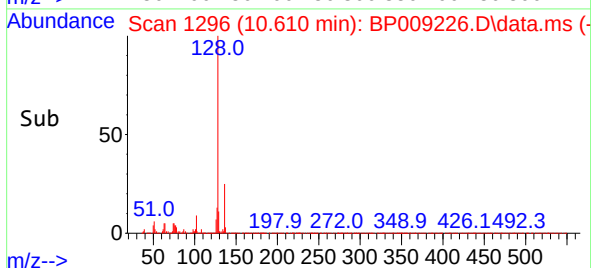
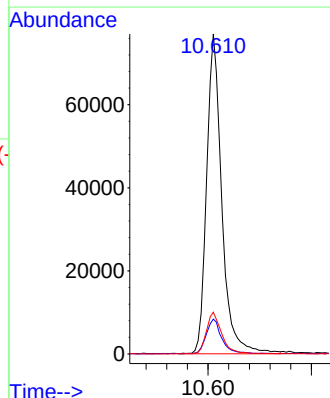
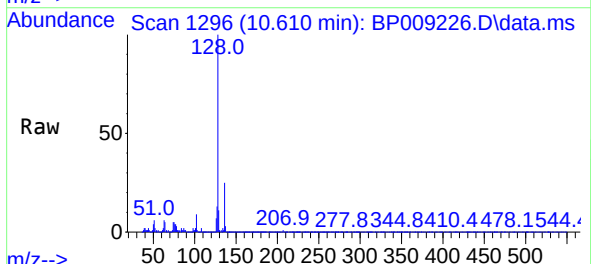
Instrument :
BNA_P
ClientSampleId :
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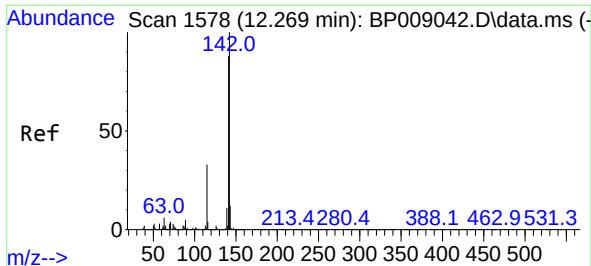
Tgt Ion: 82 Resp: 311592
Ion Ratio Lower Upper
82 100
128 46.1 39.4 59.2
54 43.2 32.6 48.8



#31
Naphthalene
Concen: 2.787 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

Tgt Ion: 128 Resp: 156615
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.4 15.6

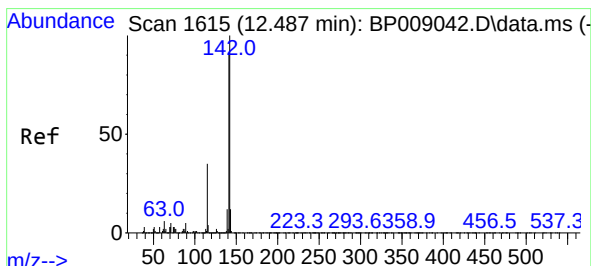
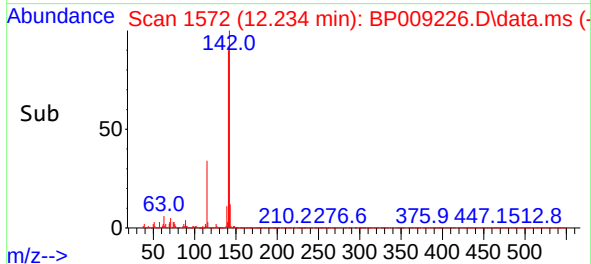
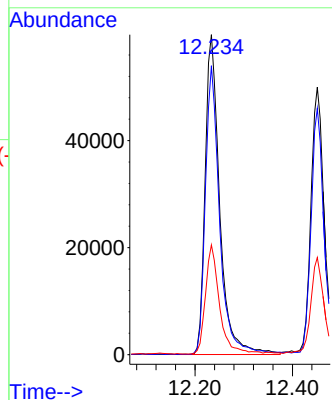
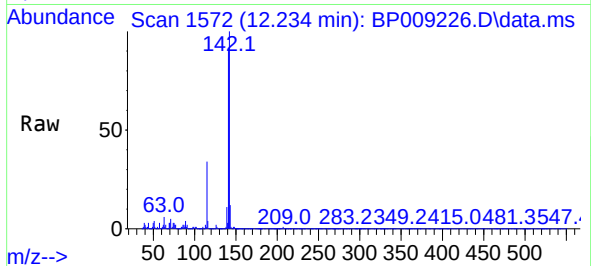




#37
2-Methylnaphthalene
Concen: 3.113 ng
RT: 12.234 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

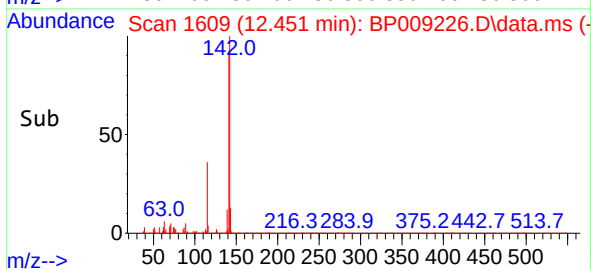
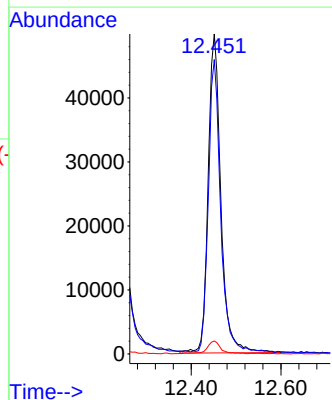
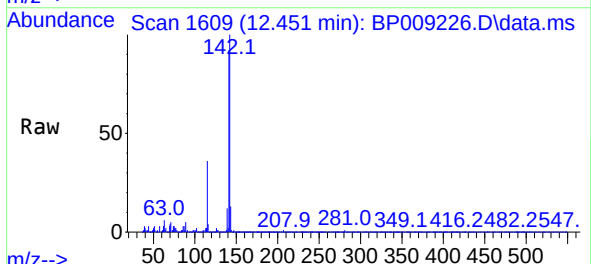
Instrument :
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Client Sample Id :
TP-3DL

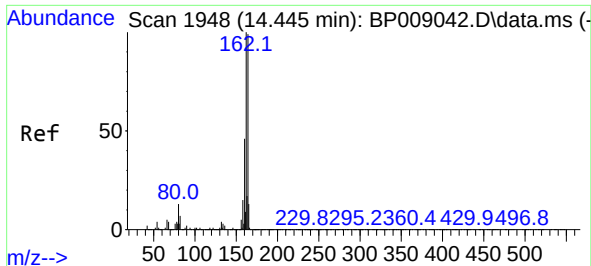
Tgt Ion:142 Resp: 123814
Ion Ratio Lower Upper
142 100
141 90.3 70.5 105.7
115 34.3 24.6 36.8



#38
1-Methylnaphthalene
Concen: 2.536 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

Tgt Ion:142 Resp: 98570
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8
116 4.1 2.7 4.1

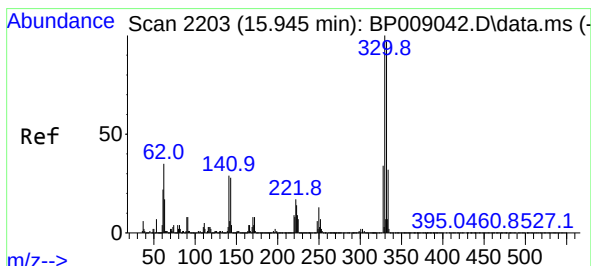
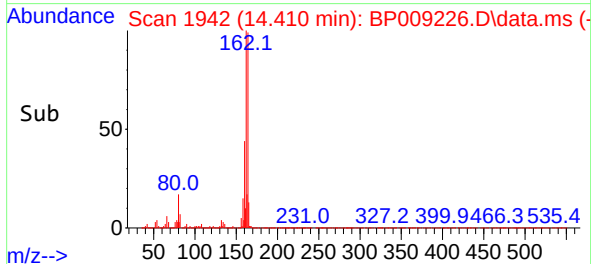
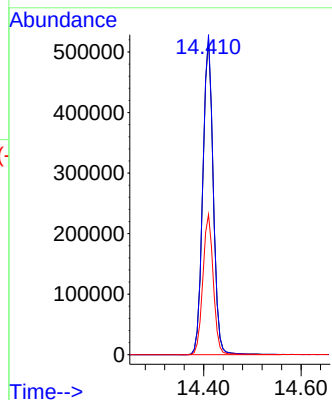
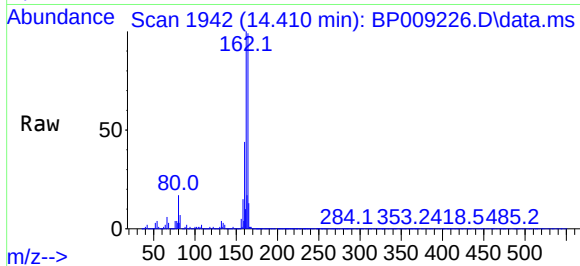




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

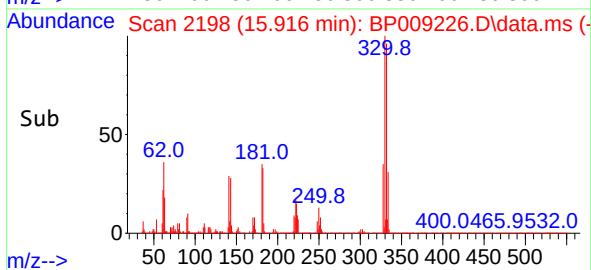
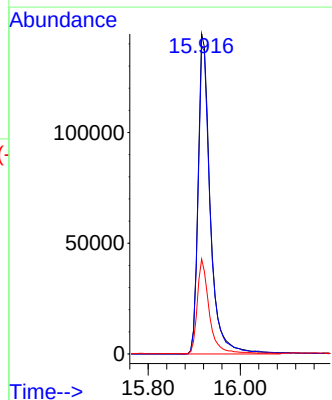
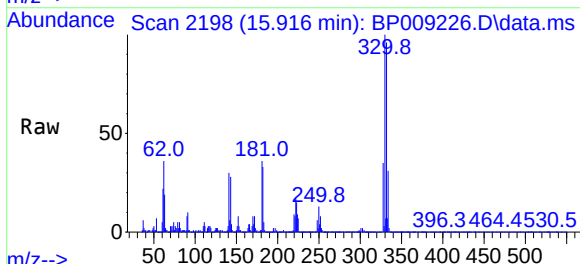
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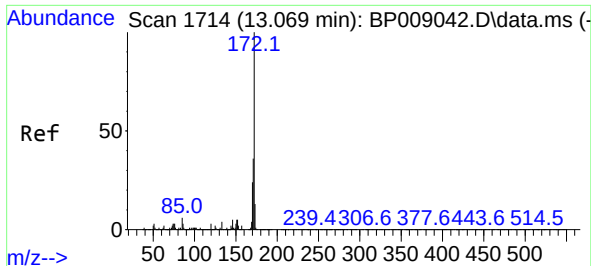
Tgt Ion:164 Resp: 773212
Ion Ratio Lower Upper
164 100
162 101.4 79.9 119.9
160 44.4 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 25.621 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

Tgt Ion:330 Resp: 264507
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 29.1 21.3 31.9

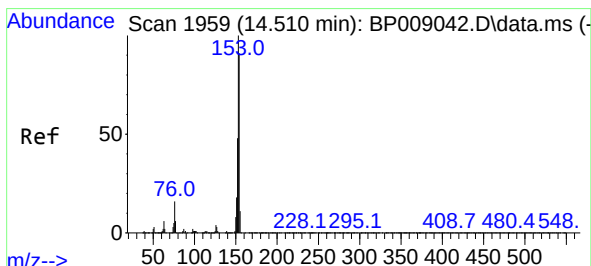
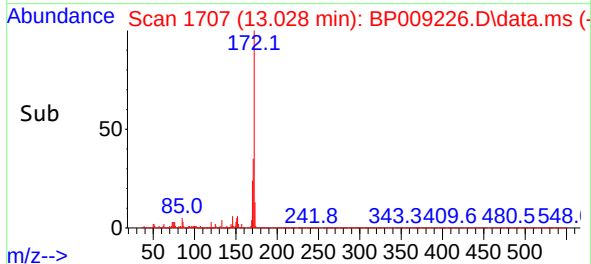
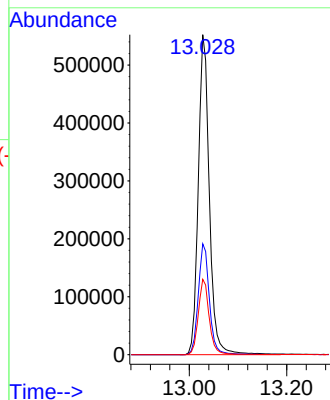
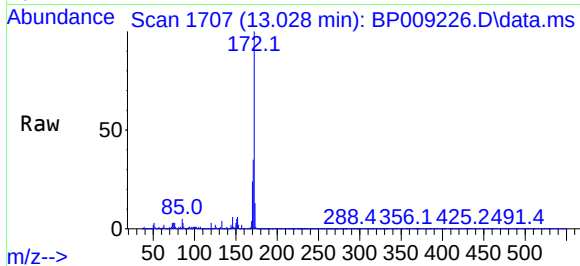




#45
2-Fluorobiphenyl
Concen: 15.856 ng
RT: 13.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

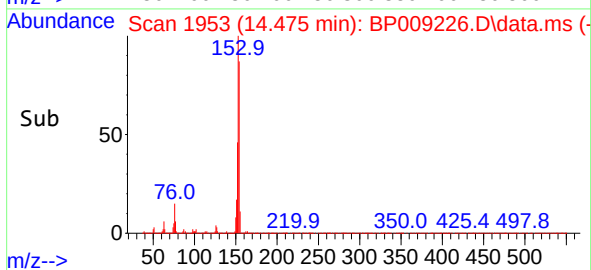
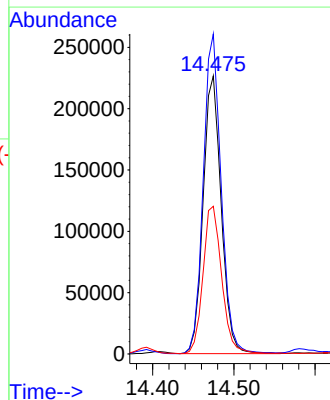
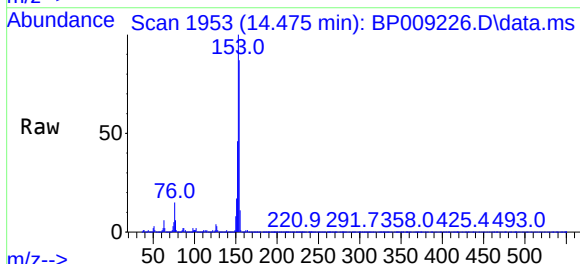
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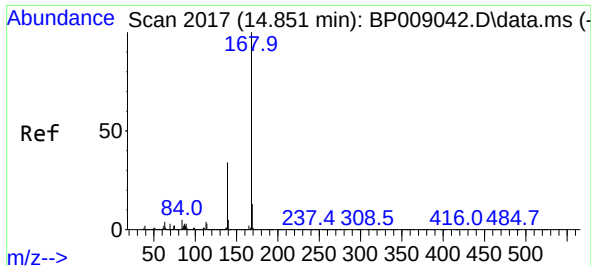
Tgt Ion:172 Resp: 875784
Ion Ratio Lower Upper
172 100
171 34.6 29.3 43.9
170 23.6 19.5 29.3



#52
Acenaphthene
Concen: 8.441 ng
RT: 14.475 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

Tgt Ion:154 Resp: 349546
Ion Ratio Lower Upper
154 100
153 115.0 89.4 134.2
152 53.1 42.6 63.8

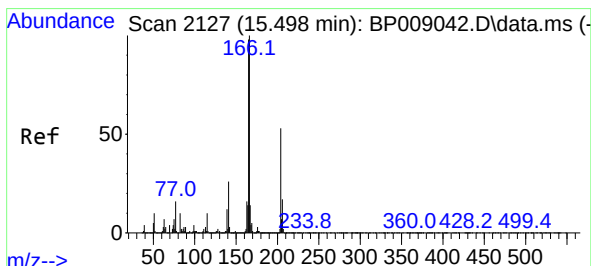
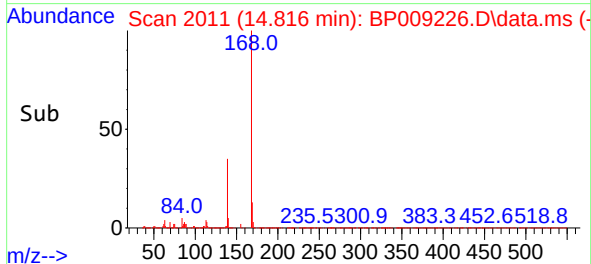
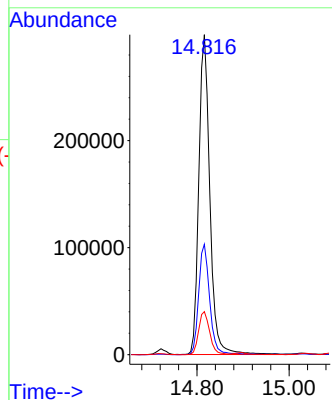
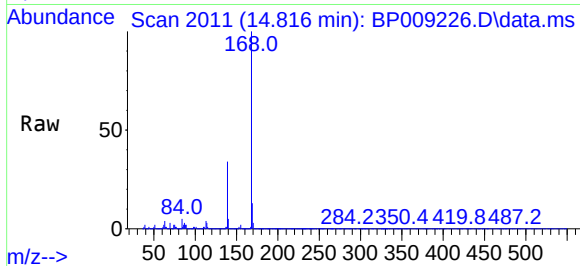




#55
Dibenzenofuran
Concen: 7.104 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

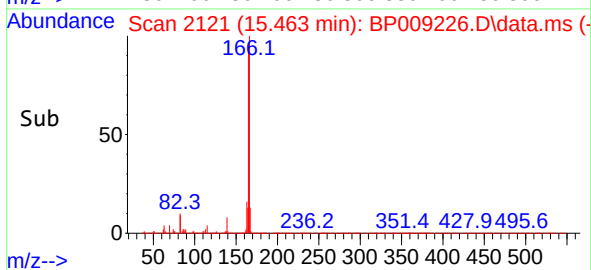
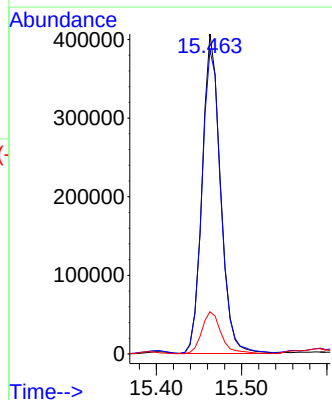
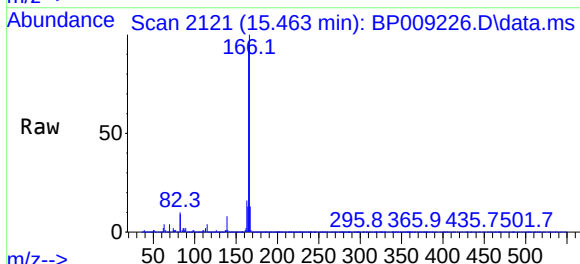
Instrument :
BNA_P
ClientSampleId :
TP-3DL

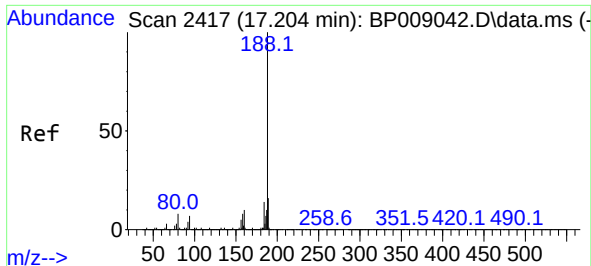
Tgt Ion:168 Resp: 495628
Ion Ratio Lower Upper
168 100
139 34.5 27.4 41.0
169 13.5 10.9 16.3



#58
Fluorene
Concen: 11.299 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

Tgt Ion:166 Resp: 605607
Ion Ratio Lower Upper
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165 94.9 77.2 115.8
167 13.2 11.2 16.8

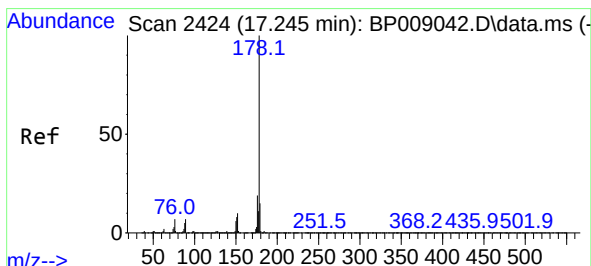
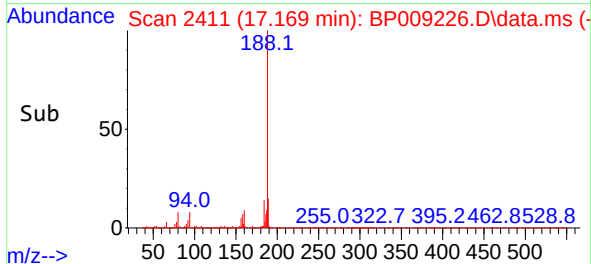
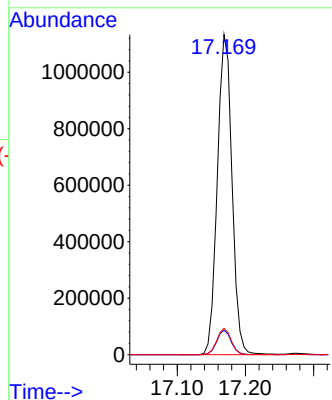
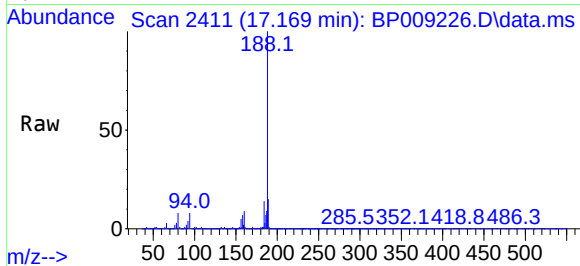




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

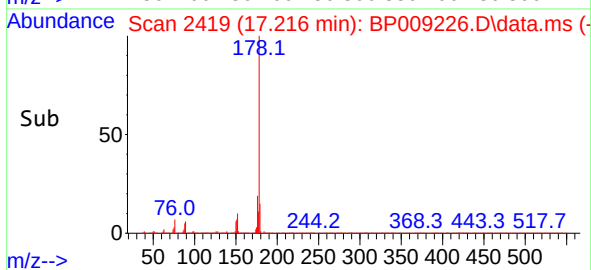
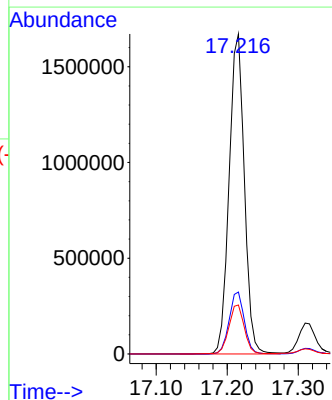
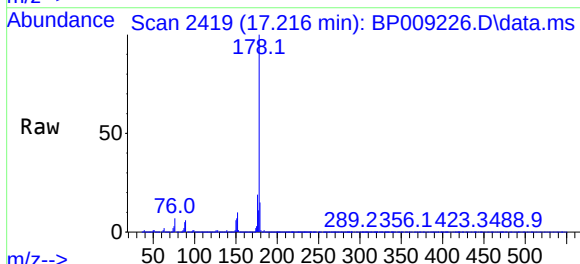
Instrument :
BNA_P
ClientSampleId :
TP-3DL

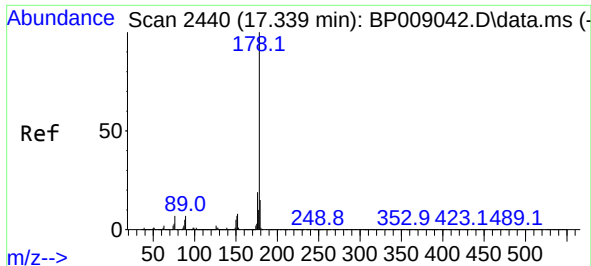
Tgt Ion:188 Resp: 1696223
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.2 7.2 10.8



#71
Phenanthrene
Concen: 27.053 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

Tgt Ion:178 Resp: 2484696
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.3 13.0 19.4

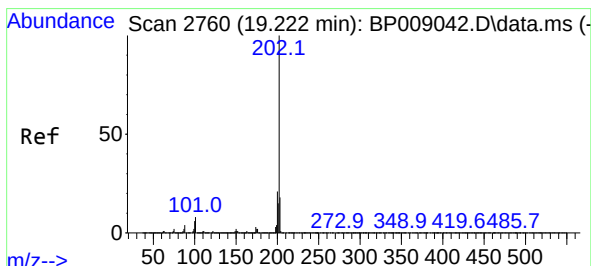
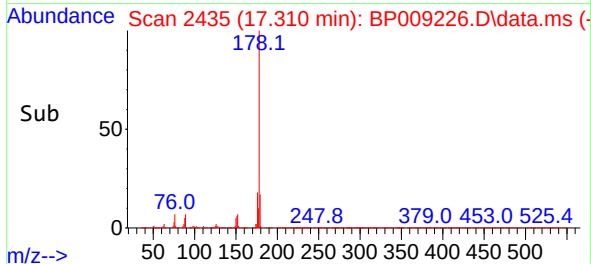
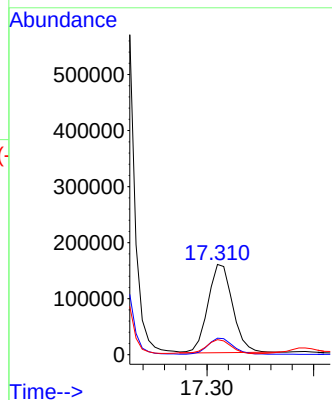
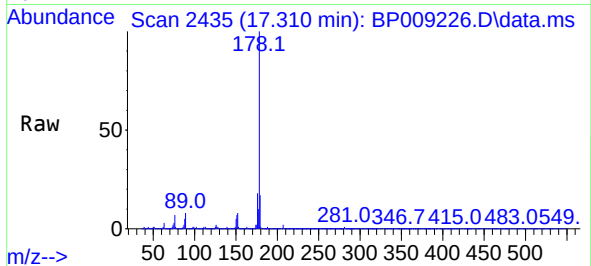




#72
Anthracene
Concen: 2.833 ng
RT: 17.310 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

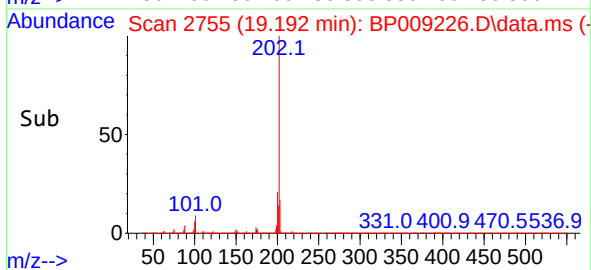
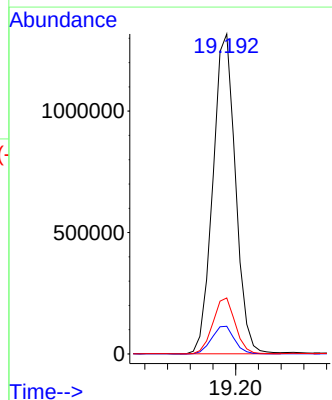
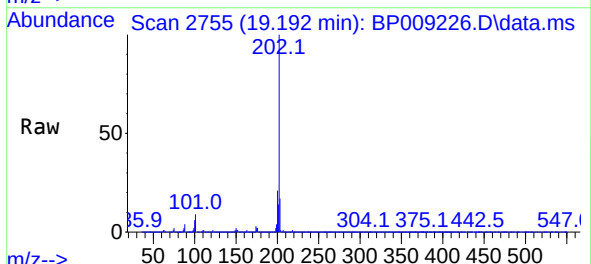
Instrument :
BNA_P
ClientSampleId :
TP-3DL

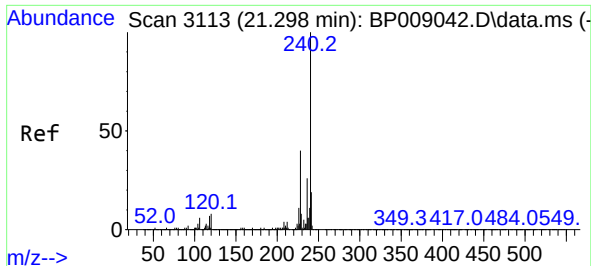
Tgt Ion:178 Resp: 254533
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 16.7 12.8 19.2



#75
Fluoranthene
Concen: 17.657 ng
RT: 19.192 min Scan# 2755
Delta R.T. -0.000 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

Tgt Ion:202 Resp: 1817621
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.7
203 17.5 0.0 38.9

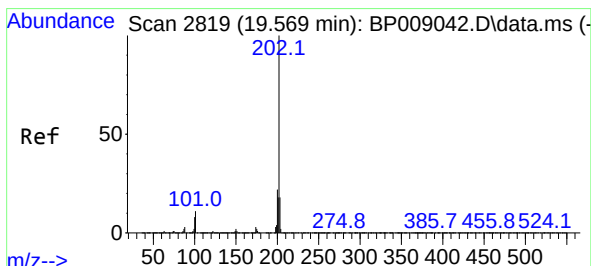
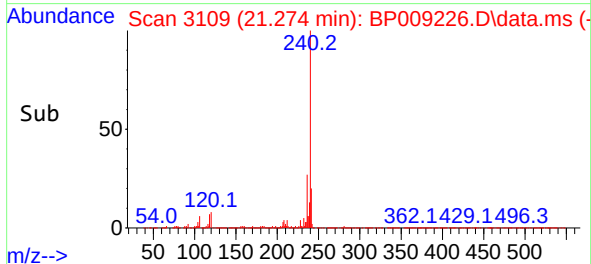
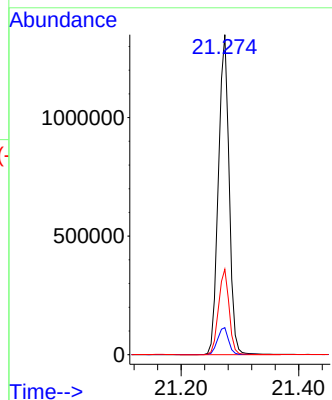
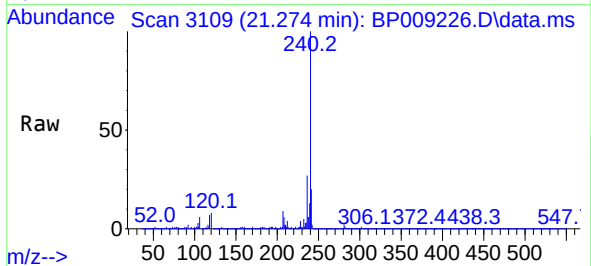




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

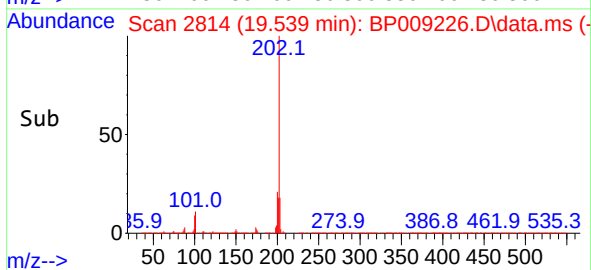
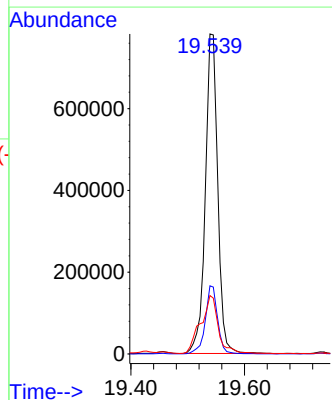
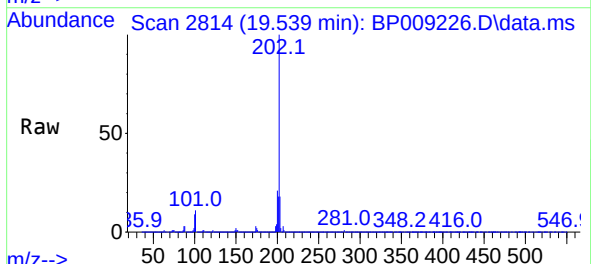
Instrument :
BNA_P
ClientSampleId :
TP-3DL

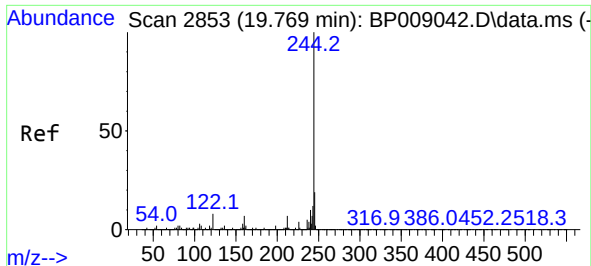
Tgt Ion:240 Resp: 1709268
Ion Ratio Lower Upper
240 100
120 8.4 7.7 11.5
236 26.7 21.2 31.8



#78
Pyrene
Concen: 9.741 ng
RT: 19.539 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

Tgt Ion:202 Resp: 1184432
Ion Ratio Lower Upper
202 100
200 21.3 18.0 27.0
203 18.3 15.0 22.6

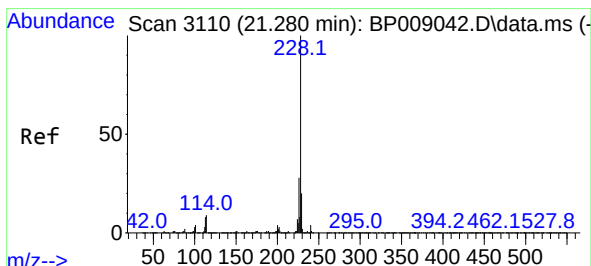
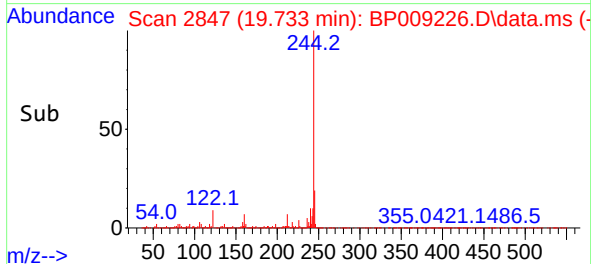
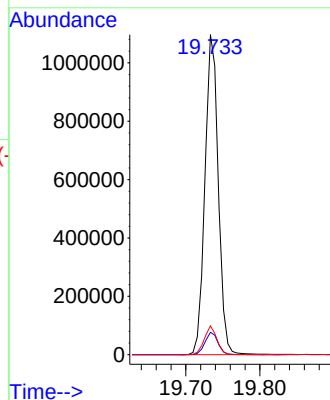
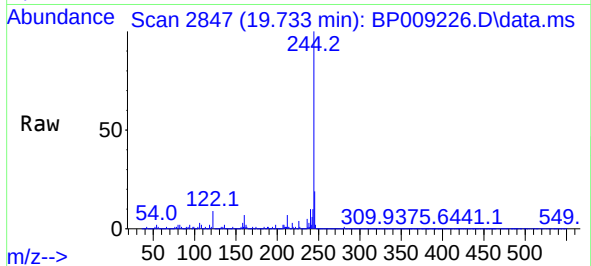




#79
 Terphenyl-d14
 Concen: 14.399 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009226.D
 Acq: 18 Feb 2022 22:03

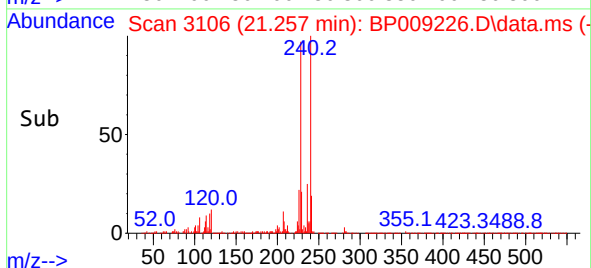
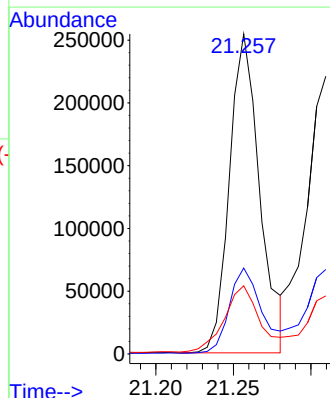
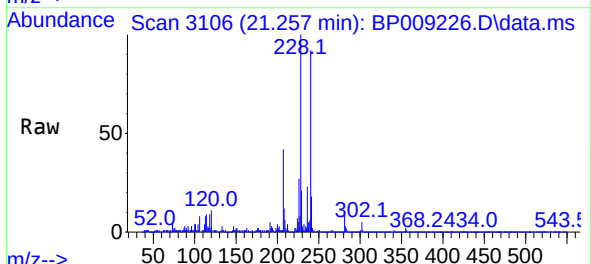
Instrument :
 BNA_P
 ClientSampleId :
 TP-3DL

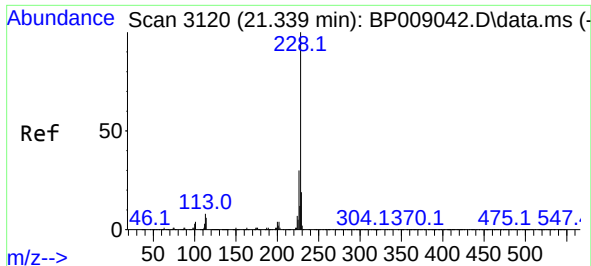
Tgt Ion:244 Resp: 1368589
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 9.0 9.2 13.8#



#81
 Benzo(a)anthracene
 Concen: 3.147 ng
 RT: 21.257 min Scan# 3106
 Delta R.T. -0.006 min
 Lab File: BP009226.D
 Acq: 18 Feb 2022 22:03

Tgt Ion:228 Resp: 346601
 Ion Ratio Lower Upper
 228 100
 226 26.8 23.3 34.9
 229 21.3 17.0 25.6



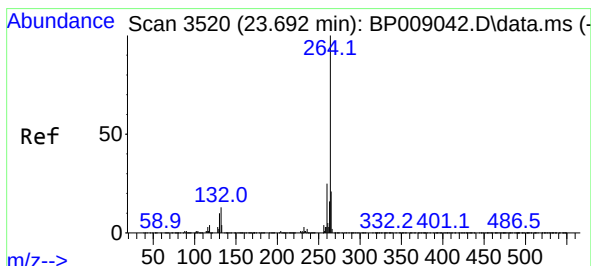
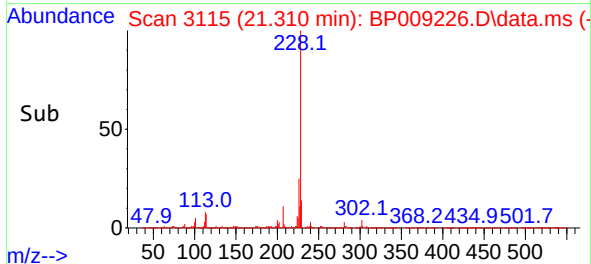
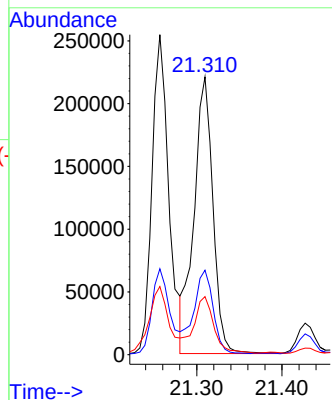
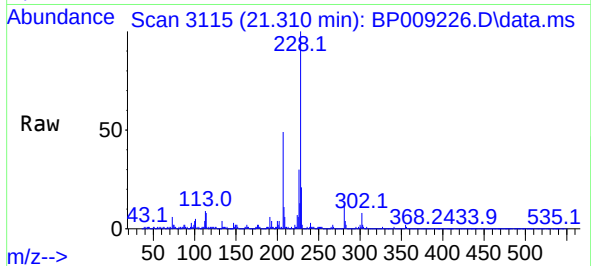


#83
Chrysene
Concen: 3.214 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

Instrument :
BNA_P
ClientSampleId :
TP-3DL

Tgt Ion:228 Resp: 341295

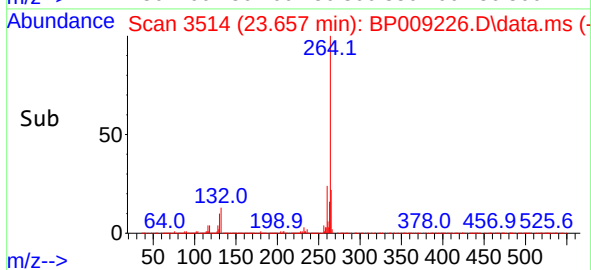
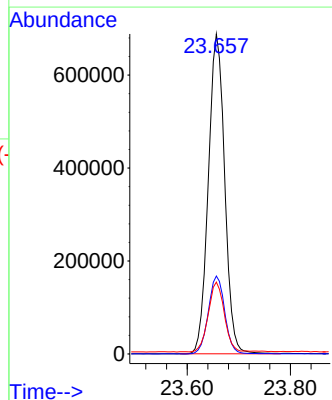
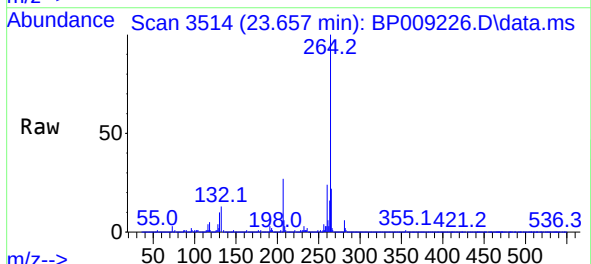
Ion	Ratio	Lower	Upper
228	100		
226	30.4	26.0	39.0
229	20.9	16.9	25.3

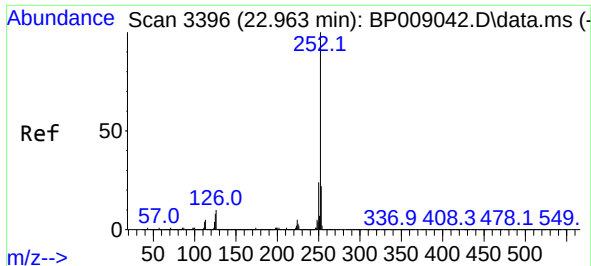


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.657 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BP009226.D
Acq: 18 Feb 2022 22:03

Tgt Ion:264 Resp: 1511891

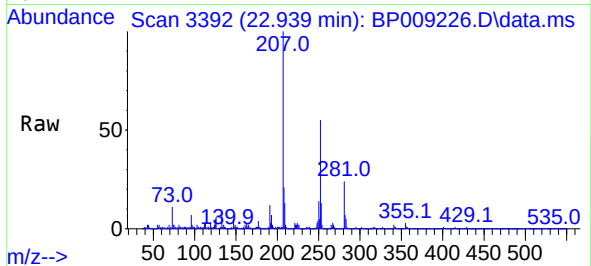
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	22.4	17.1	25.7





#88
 Benzo(b)fluoranthene
 Concen: 2.324 ng
 RT: 22.939 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP009226.D
 Acq: 18 Feb 2022 22:03

Instrument :
 BNA_P
 ClientSampleId :
 TP-3DL



Tgt Ion:252 Resp: 216278

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	9.2	6.9	10.3

