

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030822\
 Data File : BP009308.D
 Acq On : 08 Mar 2022 17:10
 Operator : CG/JU
 Sample : N1830-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11986

Quant Time: Mar 09 03:01:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

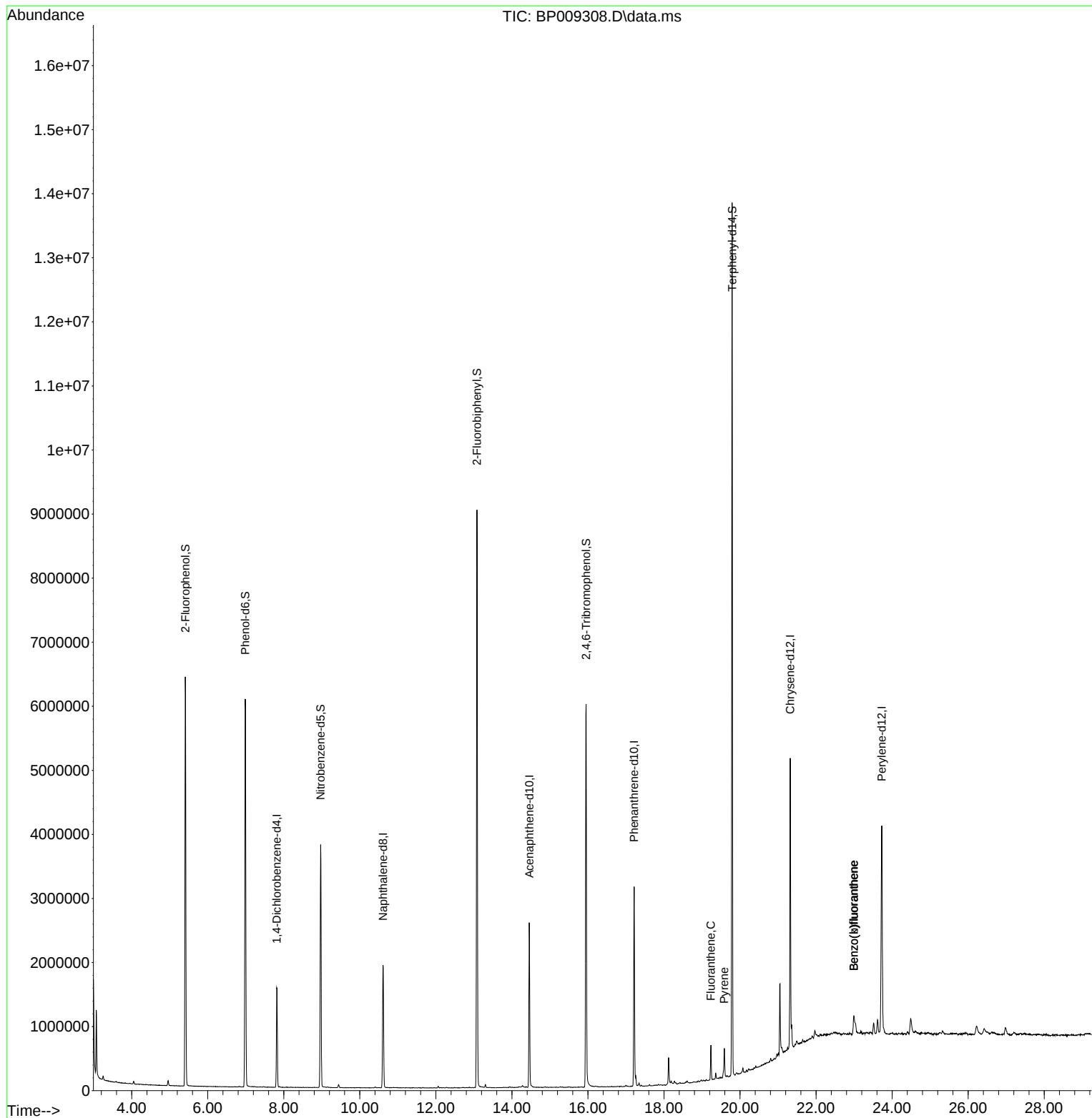
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	474550	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1759142	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	975235	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1918800	20.000	ng	0.00
76) Chrysene-d12	21.321	240	2140263	20.000	ng	0.00
86) Perylene-d12	23.727	264	2588430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	3082902	94.828	ng	0.00
7) Phenol-d6	6.987	99	3850754	93.207	ng	0.00
23) Nitrobenzene-d5	8.969	82	2381559	74.567	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1309141	111.170	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	4969258	70.073	ng	0.00
79) Terphenyl-d14	19.792	244	6708757	59.153	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.233	202	329226	2.587	ng	99
78) Pyrene	19.586	202	289783	2.005	ng	98
88) Benzo(b)fluoranthene	22.992	252	391769	2.242	ng	# 96
89) Benzo(k)fluoranthene	22.992	252	391769	2.346	ng	96

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

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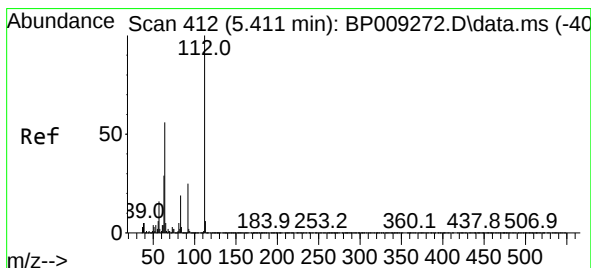
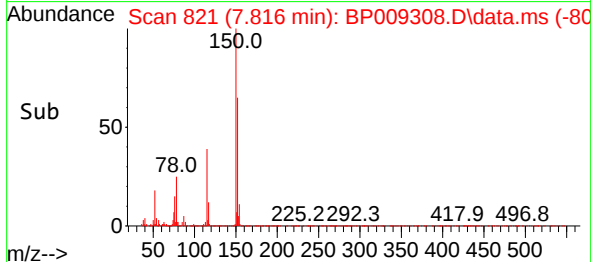
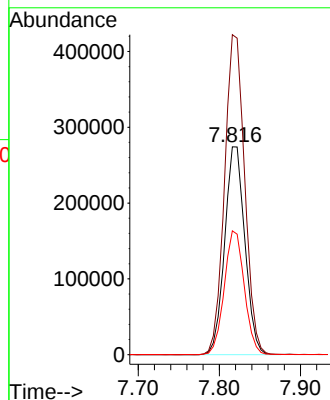
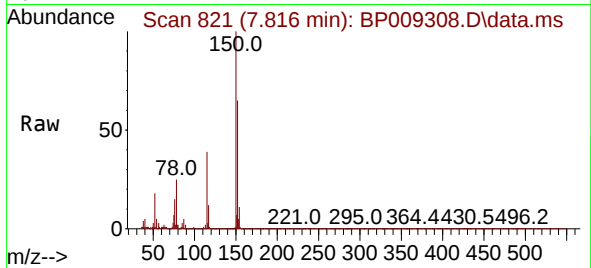




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009308.D
Acq: 08 Mar 2022 17:10

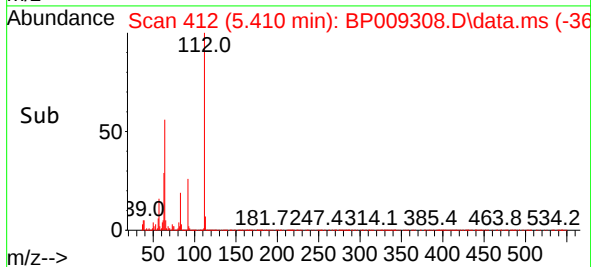
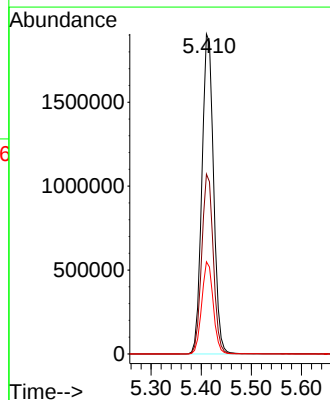
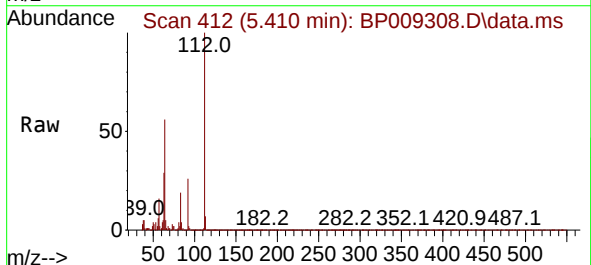
Instrument :
BNA_P
ClientSampleId :
11986

Tgt Ion:152 Resp: 474550
Ion Ratio Lower Upper
152 100
150 154.0 124.5 186.7
115 59.6 48.2 72.4



#5
2-Fluorophenol
Concen: 94.828 ng
RT: 5.410 min Scan# 412
Delta R.T. -0.001 min
Lab File: BP009308.D
Acq: 08 Mar 2022 17:10

Tgt Ion:112 Resp: 3082902
Ion Ratio Lower Upper
112 100
64 56.2 45.0 67.4
63 28.8 23.0 34.6

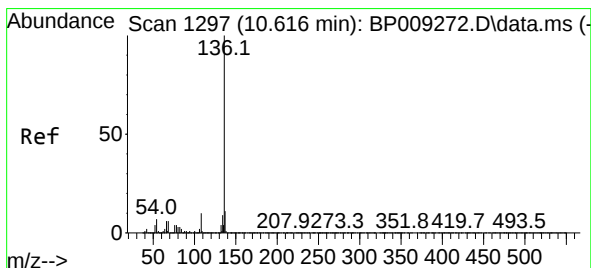
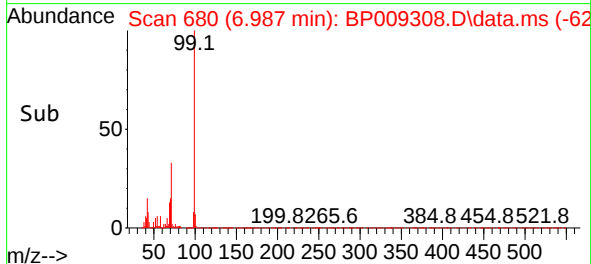
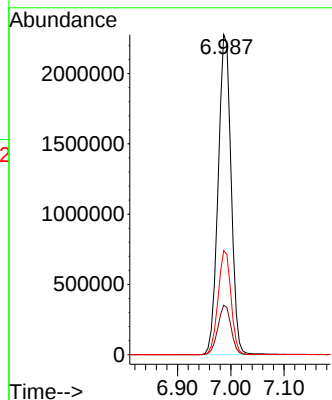
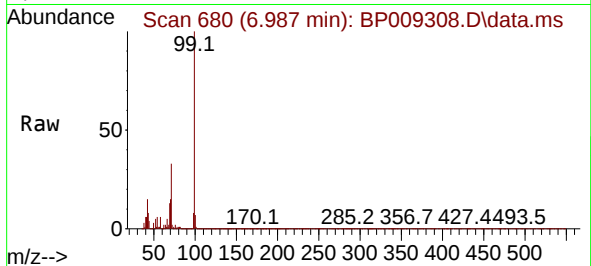




#7
Phenol-d6
Concen: 93.207 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009308.D
Acq: 08 Mar 2022 17:10

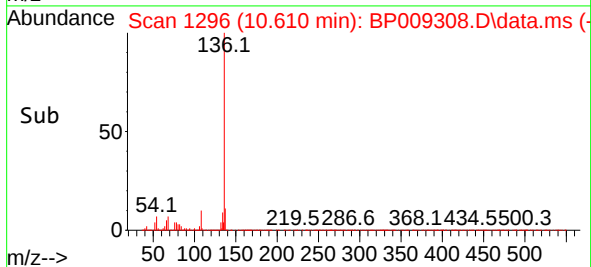
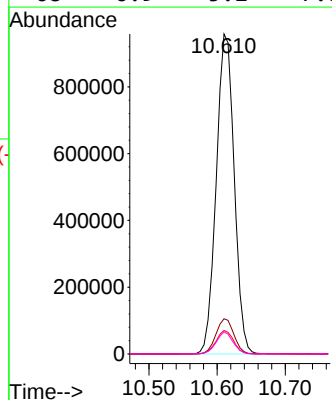
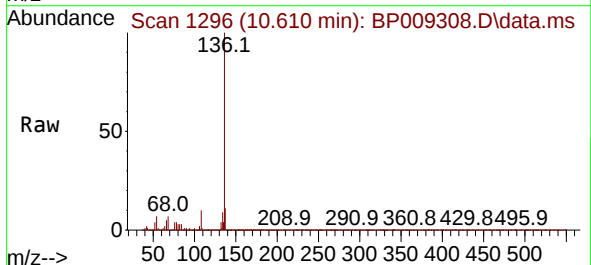
Instrument :
BNA_P
ClientSampleId :
11986

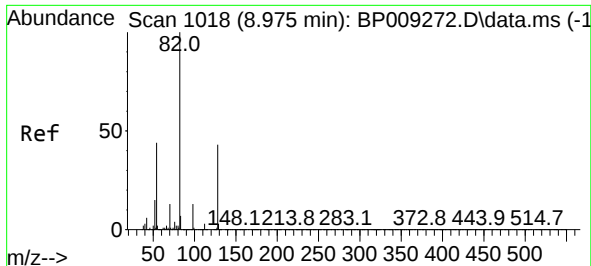
Tgt Ion: 99 Resp: 3850754
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 32.6 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009308.D
Acq: 08 Mar 2022 17:10

Tgt Ion:136 Resp: 1759142
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.3 5.8 8.8
68 6.9 5.2 7.8

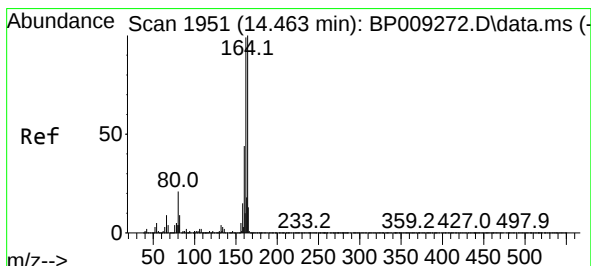
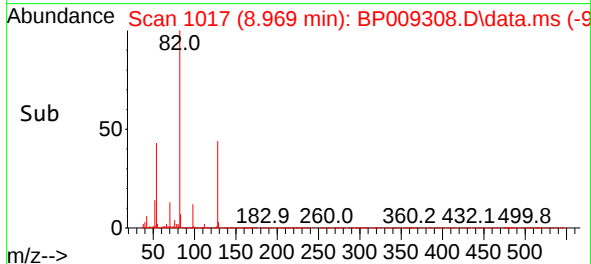
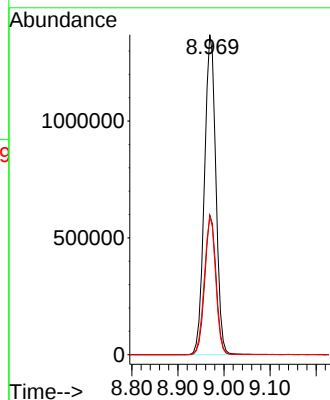
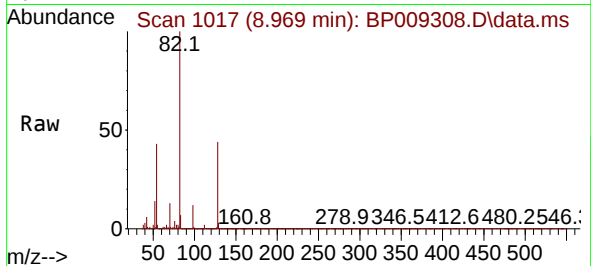




#23
Nitrobenzene-d5
Concen: 74.567 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009308.D
Acq: 08 Mar 2022 17:10

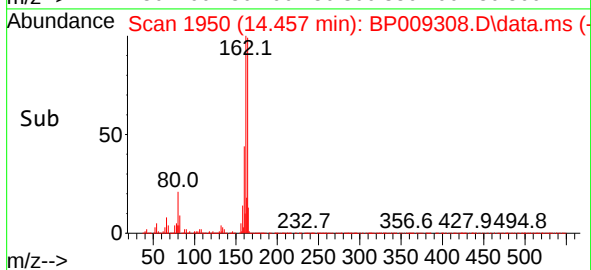
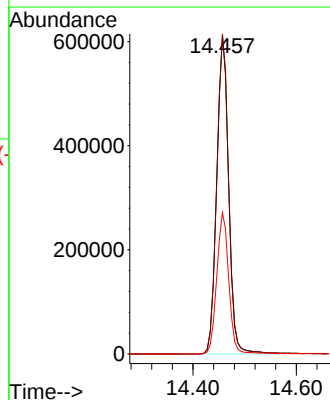
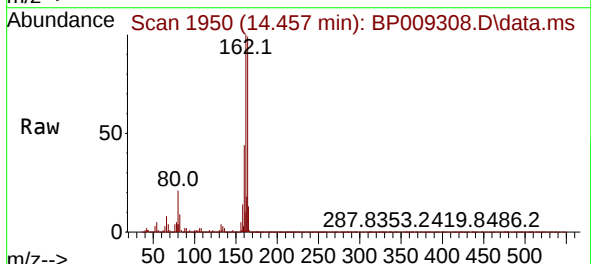
Instrument :
BNA_P
ClientSampleId :
11986

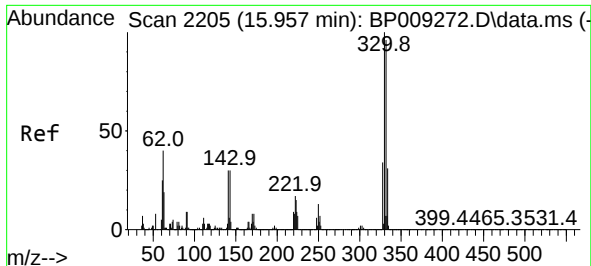
Tgt Ion: 82 Resp: 2381559
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.4
54 43.2 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009308.D
Acq: 08 Mar 2022 17:10

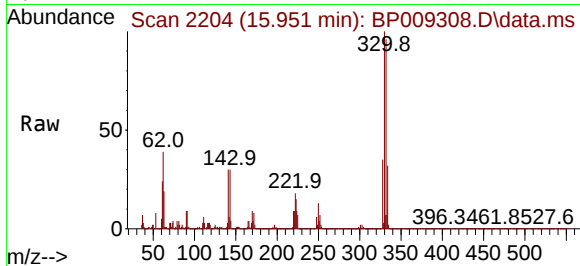
Tgt Ion:164 Resp: 975235
Ion Ratio Lower Upper
164 100
162 100.6 79.1 118.7
160 44.4 34.9 52.3



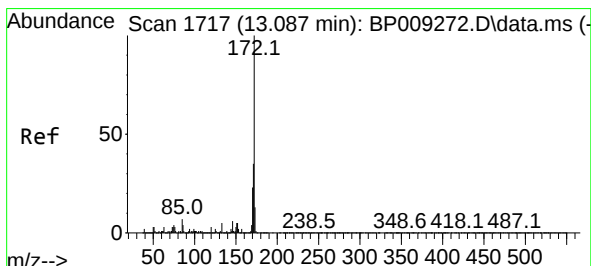
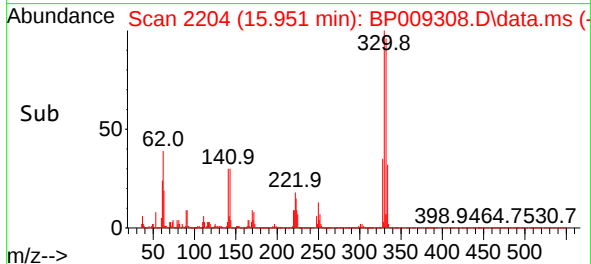
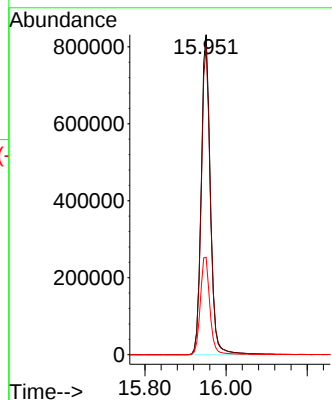


#42
2,4,6-Tribromophenol
Concen: 111.170 ng
RT: 15.951 min Scan# 211986
Delta R.T. -0.006 min
Lab File: BP009308.D
Acq: 08 Mar 2022 17:10

Instrument :
BNA_P
ClientSampleId :

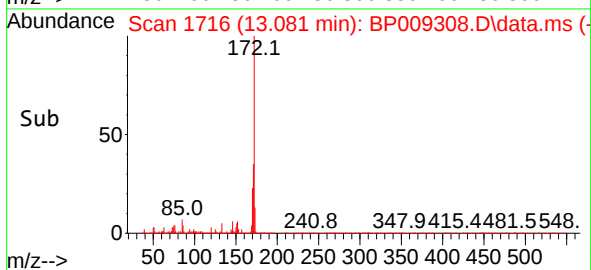
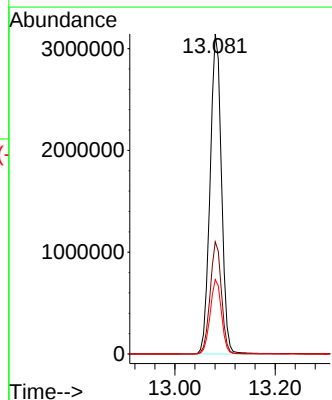
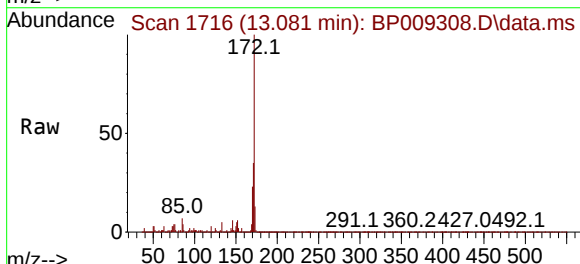


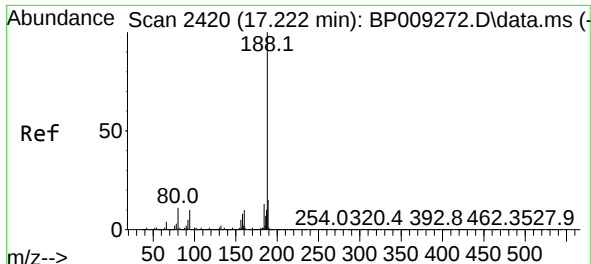
Tgt Ion:330 Resp: 1309141
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 31.8 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 70.073 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009308.D
Acq: 08 Mar 2022 17:10

Tgt Ion:172 Resp: 4969258
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.3 18.6 27.8

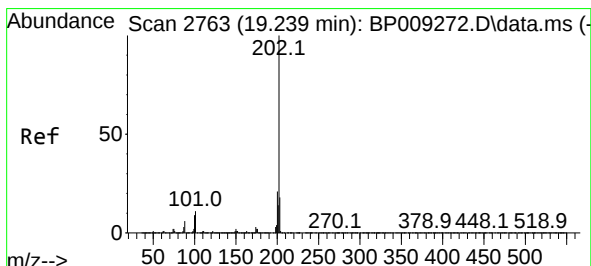
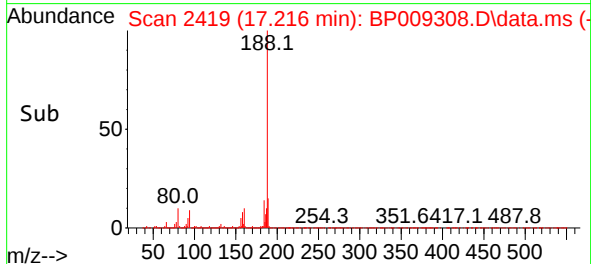
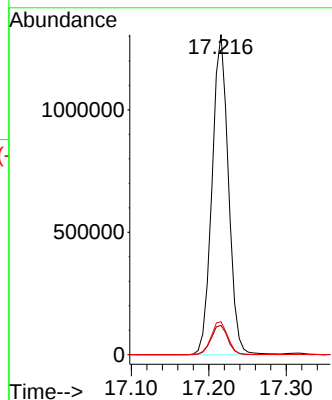
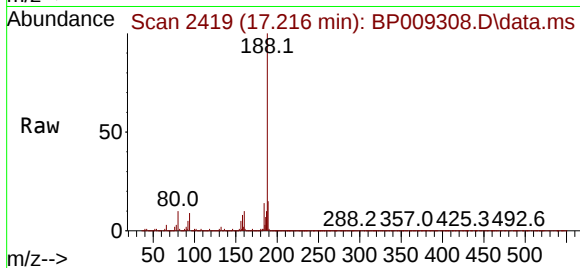




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009308.D
Acq: 08 Mar 2022 17:10

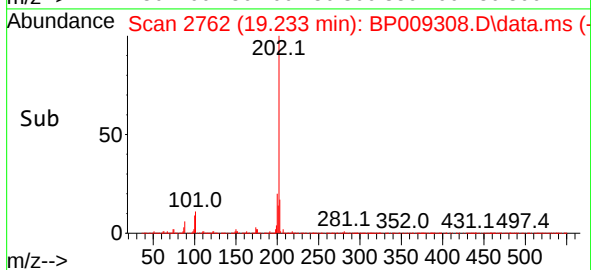
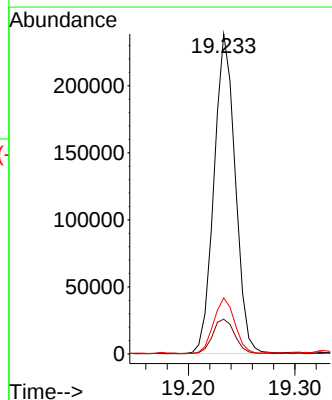
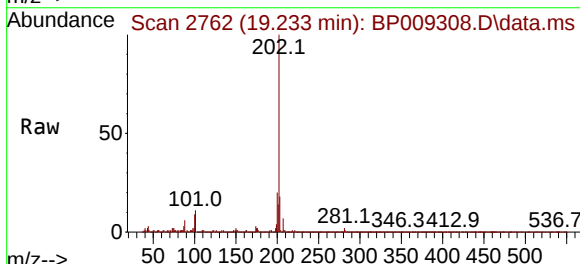
Instrument :
BNA_P
ClientSampleId :
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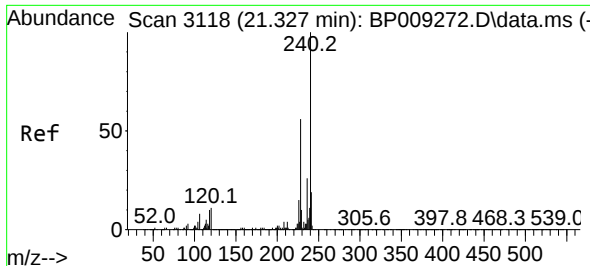
Tgt Ion:188 Resp: 1918800
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.3 8.8 13.2



#75
Fluoranthene
Concen: 2.587 ng
RT: 19.233 min Scan# 2762
Delta R.T. -0.006 min
Lab File: BP009308.D
Acq: 08 Mar 2022 17:10

Tgt Ion:202 Resp: 329226
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.5
203 17.5 0.0 37.8

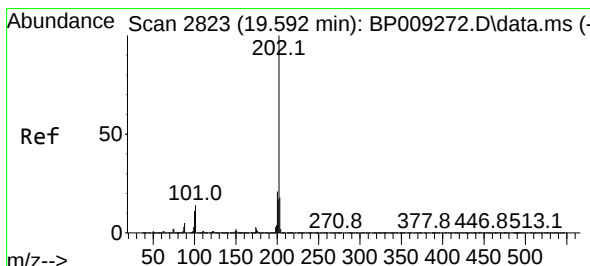
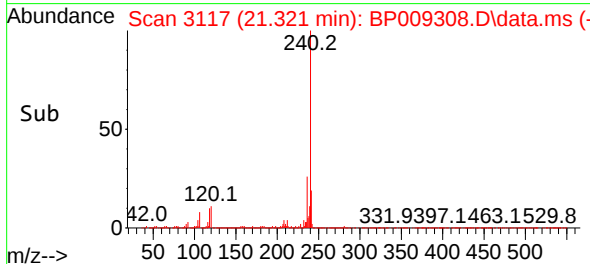
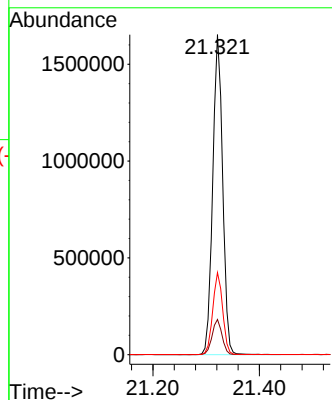
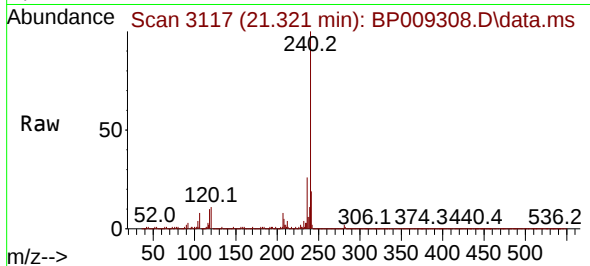




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP009308.D
Acq: 08 Mar 2022 17:10

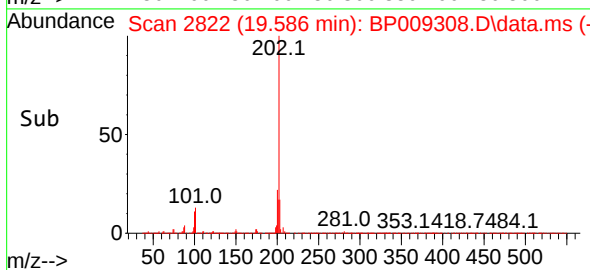
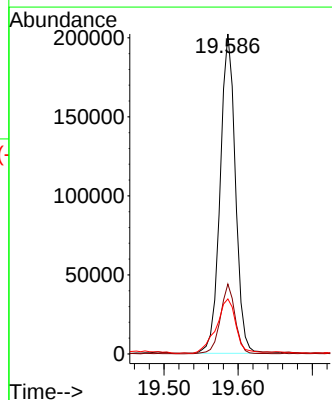
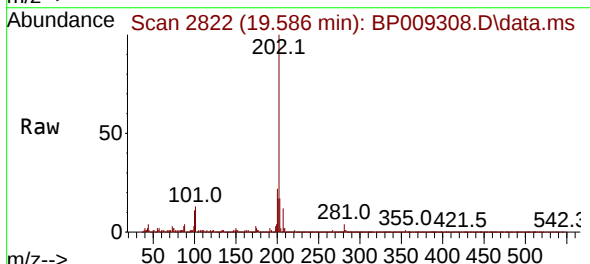
Instrument :
BNA_P
ClientSampleId :
11986

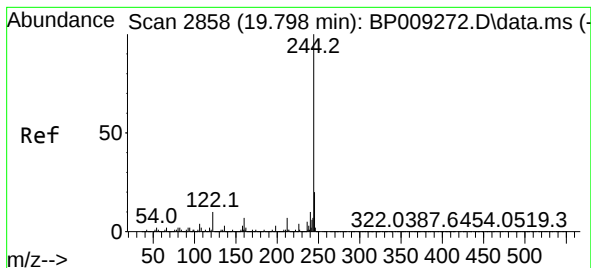
Tgt Ion:240 Resp: 2140263
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 25.7 20.6 30.8



#78
Pyrene
Concen: 2.005 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009308.D
Acq: 08 Mar 2022 17:10

Tgt Ion:202 Resp: 289783
Ion Ratio Lower Upper
202 100
200 21.9 16.8 25.2
203 17.2 14.2 21.4





#79

Terphenyl-d14

Concen: 59.153 ng

RT: 19.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009308.D

Acq: 08 Mar 2022 17:10

Instrument :

BNA_P

ClientSampleId :

11986

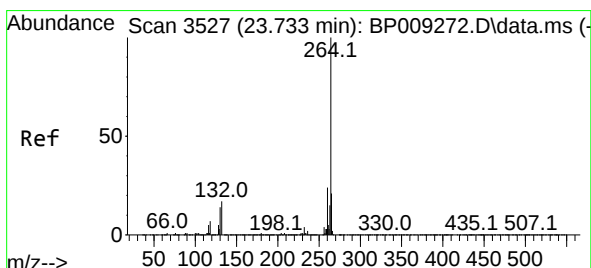
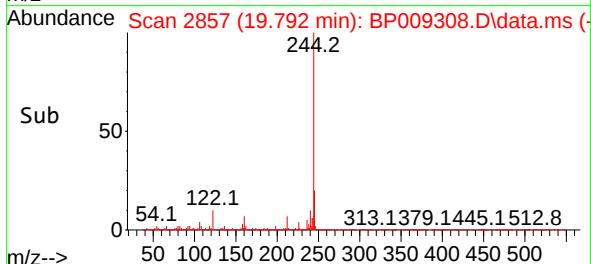
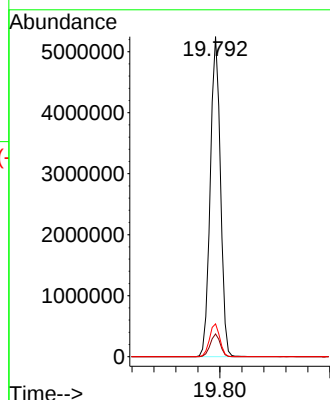
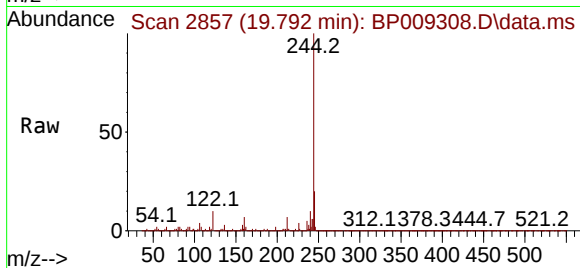
Tgt Ion:244 Resp: 6708757

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.2 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BP009308.D

Acq: 08 Mar 2022 17:10

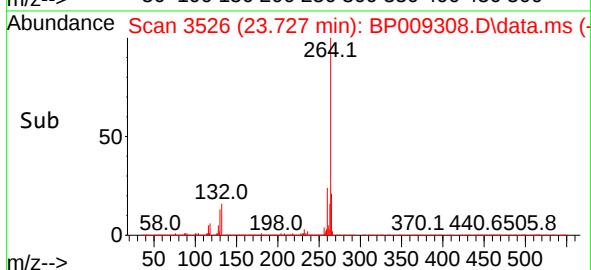
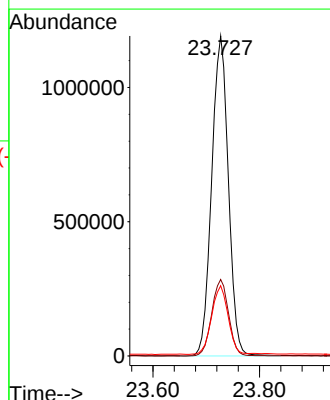
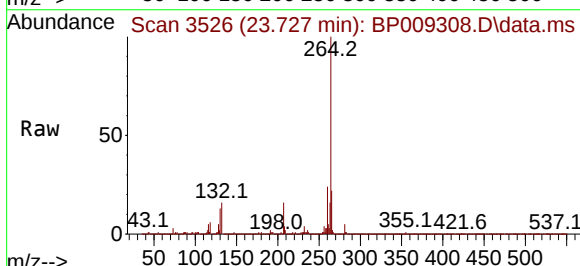
Tgt Ion:264 Resp: 2588430

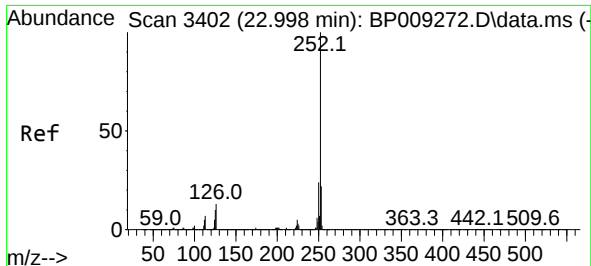
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 22.0 17.2 25.8

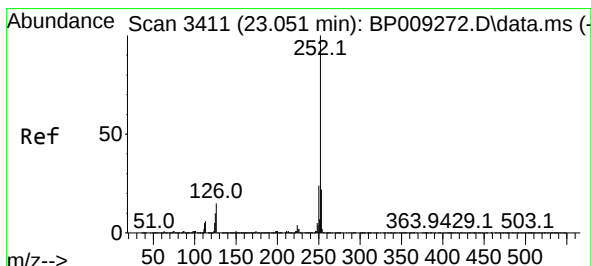
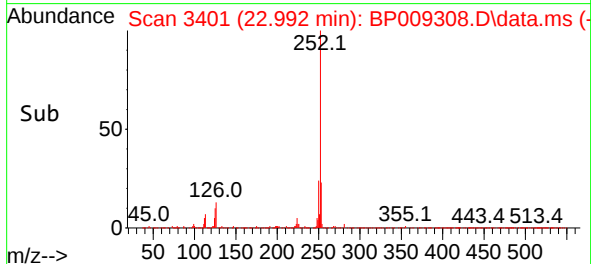
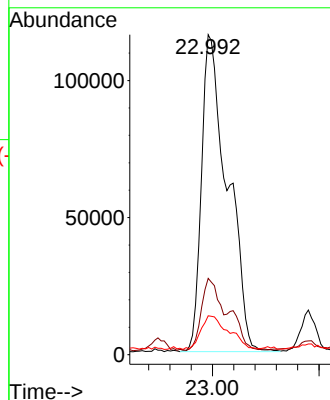
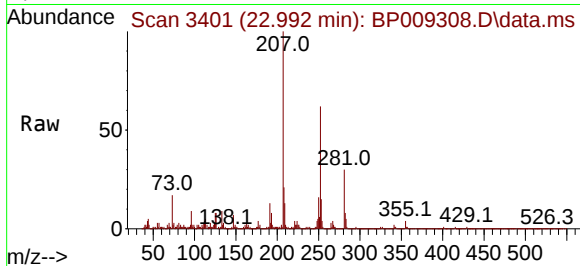




#88
Benzo(b)fluoranthene
Concen: 2.242 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BP009308.D
Acq: 08 Mar 2022 17:10

Instrument :
BNA_P
ClientSampleId :
11986

Tgt Ion:252 Resp: 391769
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 12.2 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 2.346 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.059 min
Lab File: BP009308.D
Acq: 08 Mar 2022 17:10

Tgt Ion:252 Resp: 391769
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 12.2 8.3 12.5

