

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032122\
 Data File : BP009468.D
 Acq On : 21 Mar 2022 13:49
 Operator : CG/JU
 Sample : N1983-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 124055

Quant Time: Mar 21 14:25:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 18:26:53 2022
 Response via : Initial Calibration

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

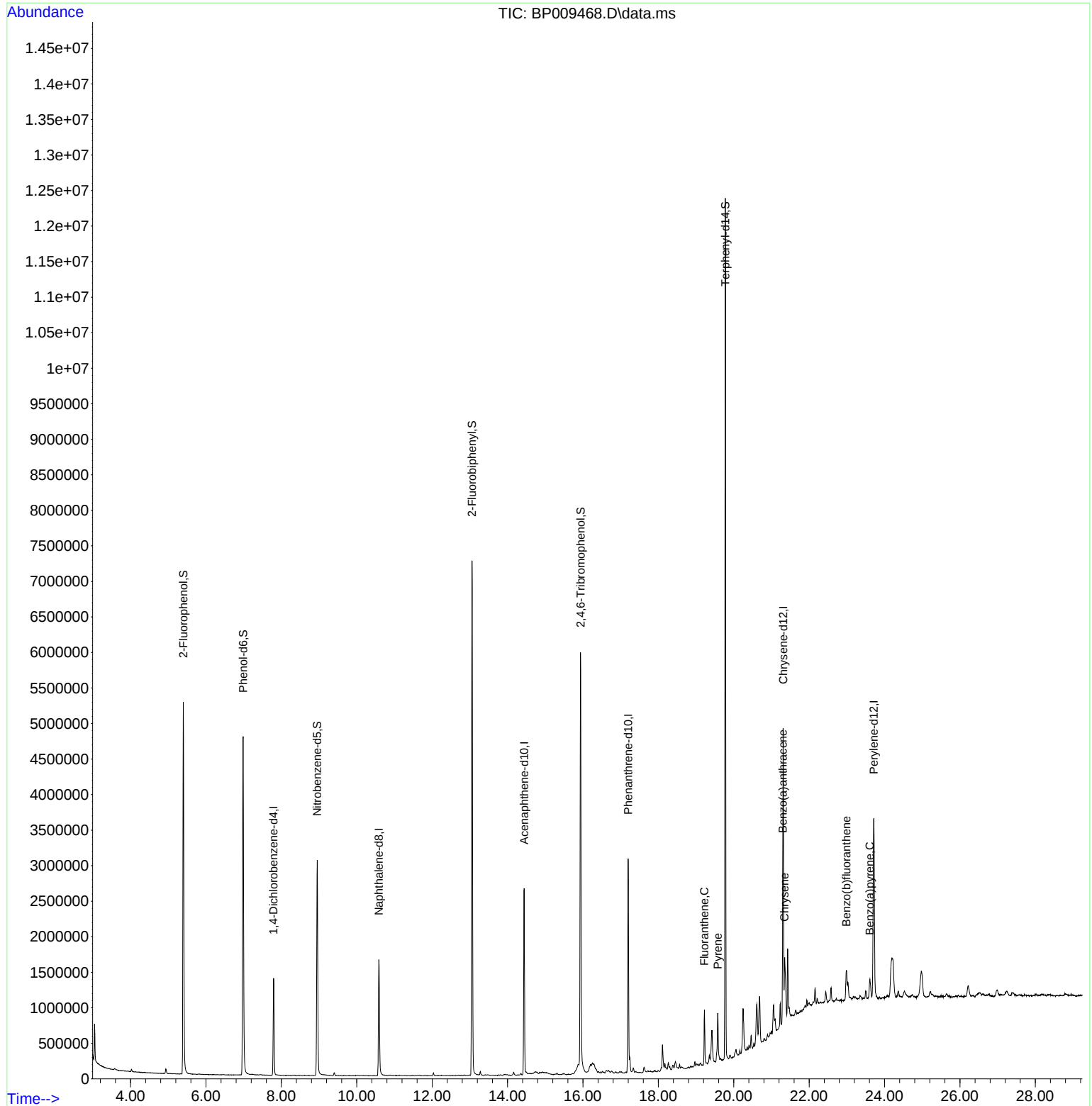
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	414824	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1628056	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	999019	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1964866	20.000	ng	0.00
76) Chrysene-d12	21.310	240	2015164	20.000	ng	0.00
86) Perylene-d12	23.716	264	2205681	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2688271	113.145	ng	0.00
7) Phenol-d6	6.987	99	3389914	105.502	ng	0.00
23) Nitrobenzene-d5	8.952	82	2063419	67.351	ng	0.00
42) 2,4,6-Tribromophenol	15.940	330	1342143	81.413	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	4225380	58.634	ng	0.00
79) Terphenyl-d14	19.775	244	6266405	55.814	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.222	202	492871	3.871	ng	99
78) Pyrene	19.575	202	482927	3.637	ng	99
81) Benzo(a)anthracene	21.298	228	399392	3.017	ng	98
83) Chrysene	21.345	228	401860	3.205	ng	99
88) Benzo(b)fluoranthene	22.986	252	321424	2.441	ng	98
90) Benzo(a)pyrene	23.610	252	226268	2.008	ng	99

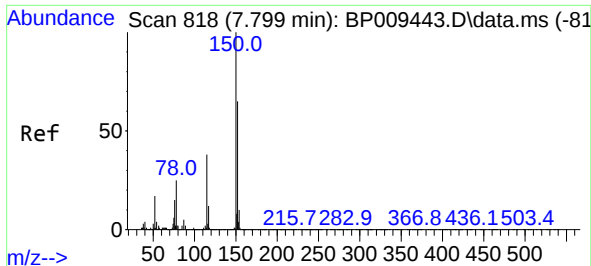
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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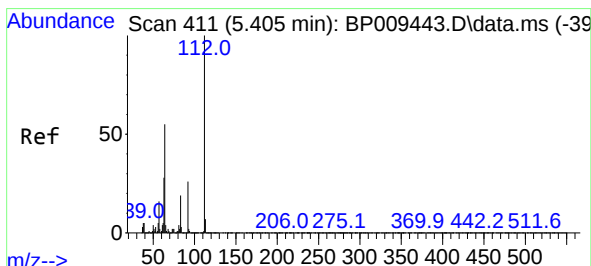
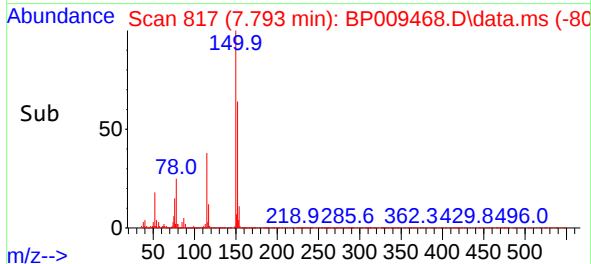
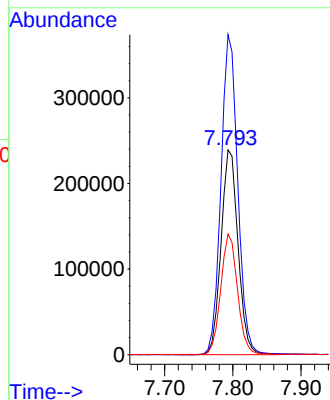
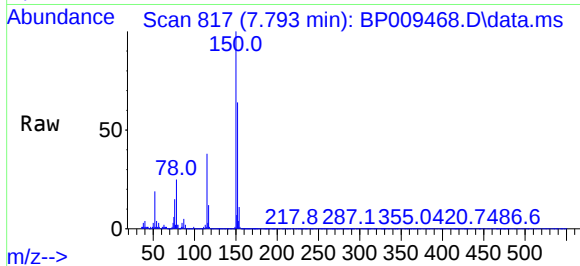




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009468.D
Acq: 21 Mar 2022 13:49

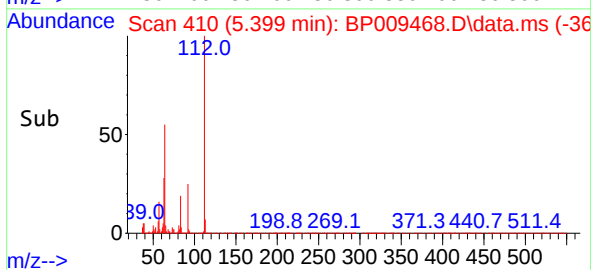
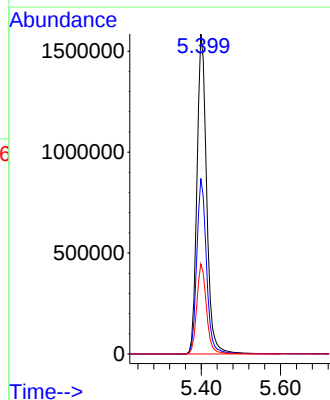
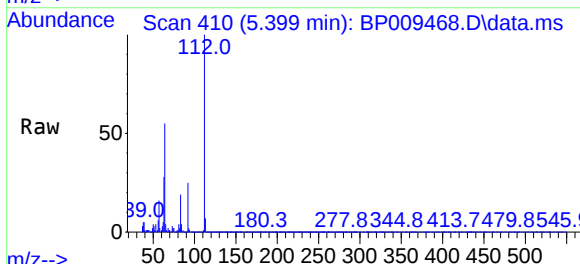
Instrument :
BNA_P
ClientSampleId :
124055

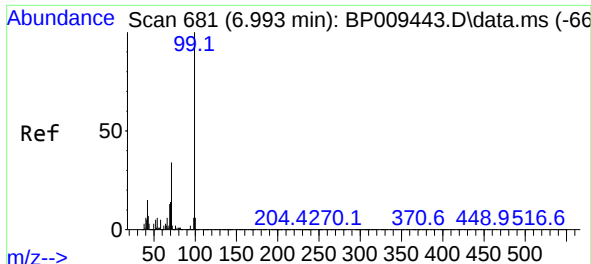
Tgt Ion:152 Resp: 414824
Ion Ratio Lower Upper
152 100
150 156.2 124.5 186.7
115 58.9 48.2 72.4



#5
2-Fluorophenol
Concen: 113.145 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP009468.D
Acq: 21 Mar 2022 13:49

Tgt Ion:112 Resp: 2688271
Ion Ratio Lower Upper
112 100
64 54.8 45.0 67.4
63 28.1 23.0 34.6

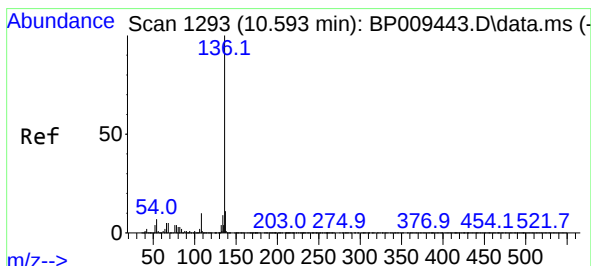
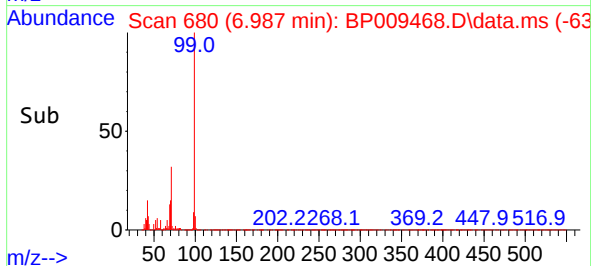
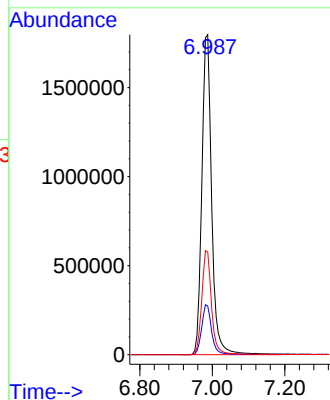
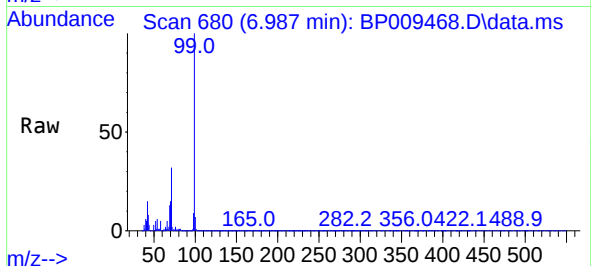




#7
Phenol-d6
Concen: 105.502 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009468.D
Acq: 21 Mar 2022 13:49

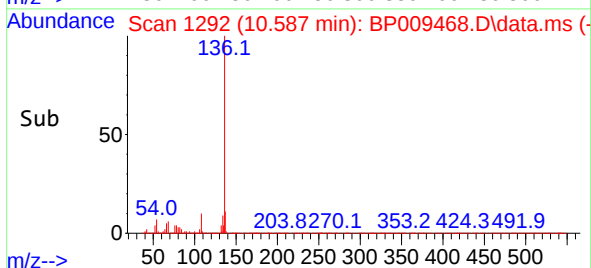
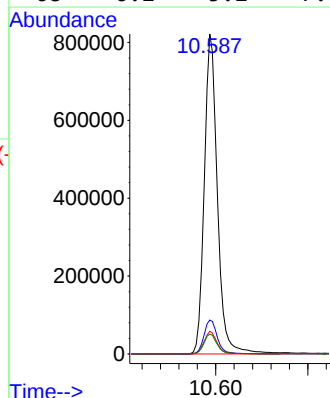
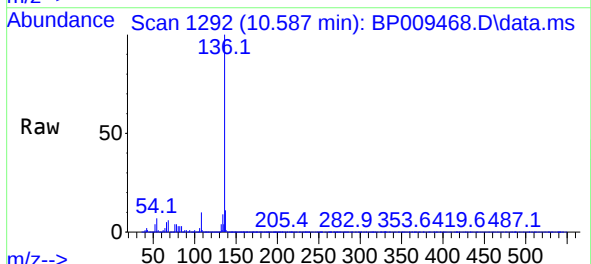
Instrument :
BNA_P
ClientSampleId :
124055

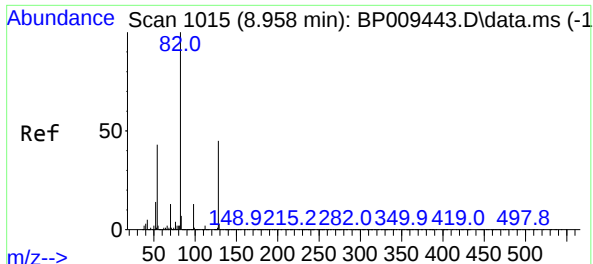
Tgt Ion: 99 Resp: 3389914
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 32.2 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP009468.D
Acq: 21 Mar 2022 13:49

Tgt Ion:136 Resp: 1628056
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.1 5.8 8.8
68 6.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 67.351 ng

RT: 8.952 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BP009468.D

Acq: 21 Mar 2022 13:49

Instrument :

BNA_P

ClientSampleId :

124055

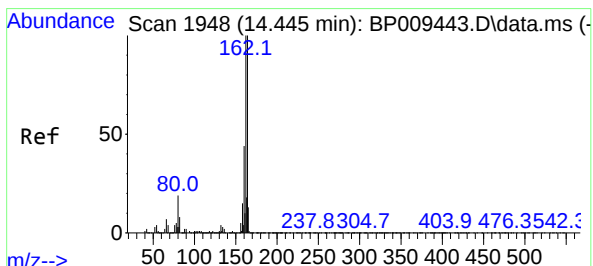
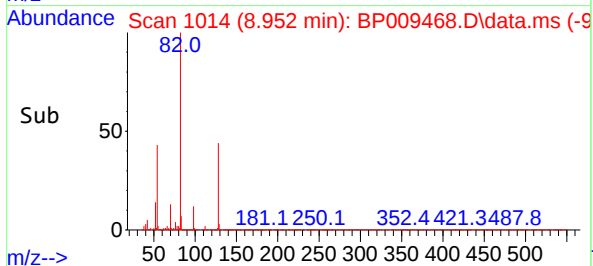
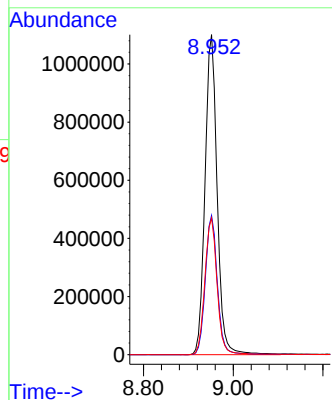
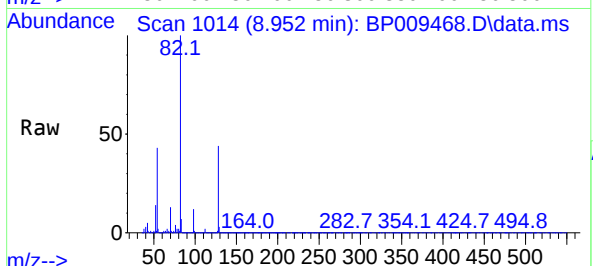
Tgt Ion: 82 Resp: 2063419

Ion Ratio Lower Upper

82 100

128 43.5 34.2 51.4

54 42.8 34.7 52.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.440 min Scan# 1947

Delta R.T. -0.005 min

Lab File: BP009468.D

Acq: 21 Mar 2022 13:49

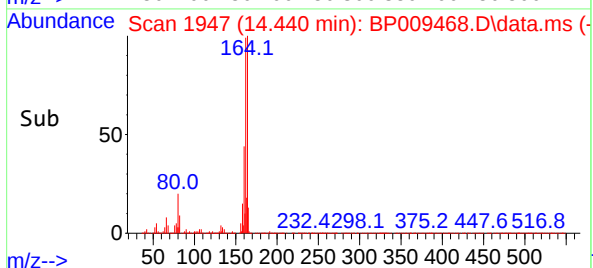
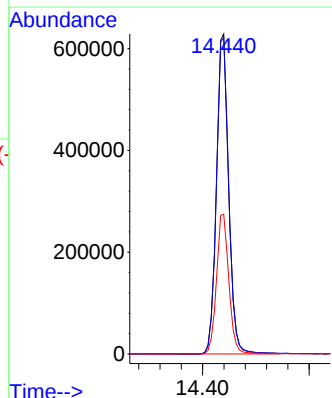
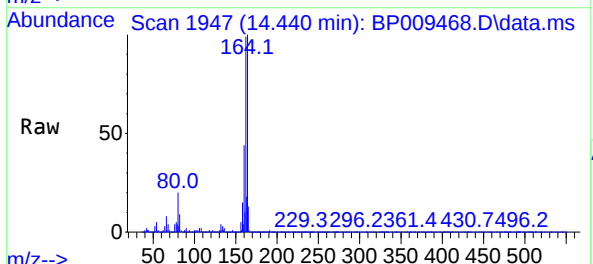
Tgt Ion:164 Resp: 999019

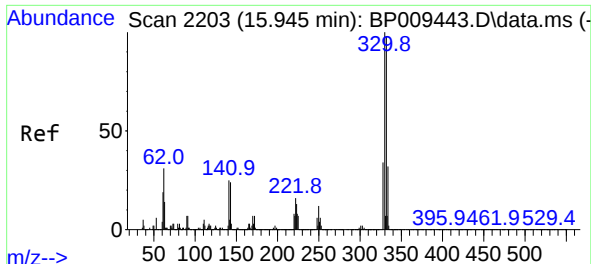
Ion Ratio Lower Upper

164 100

162 98.8 79.1 118.7

160 43.6 34.9 52.3

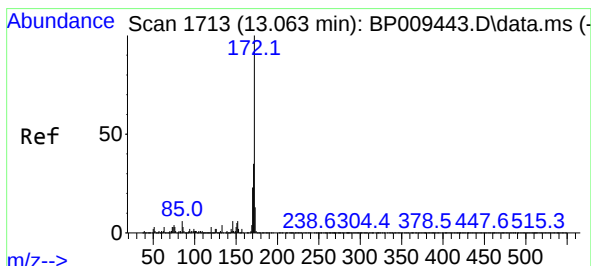
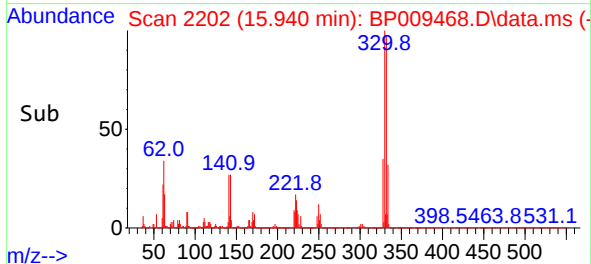
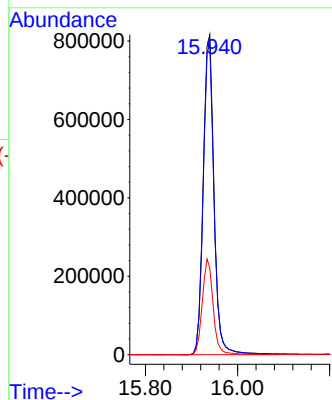
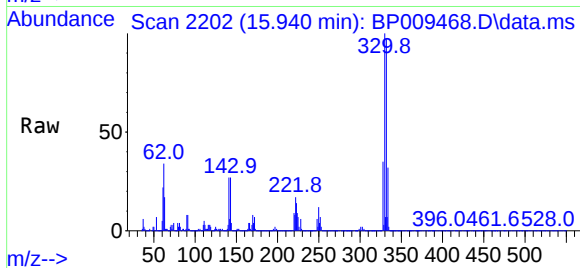




#42
2,4,6-Tribromophenol
Concen: 81.413 ng
RT: 15.940 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009468.D
Acq: 21 Mar 2022 13:49

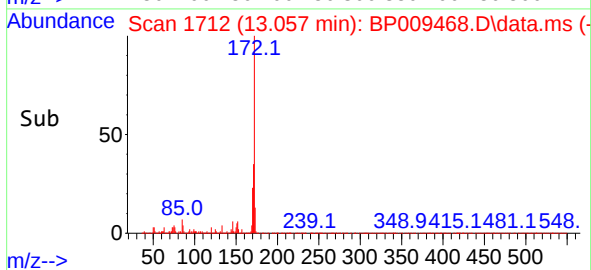
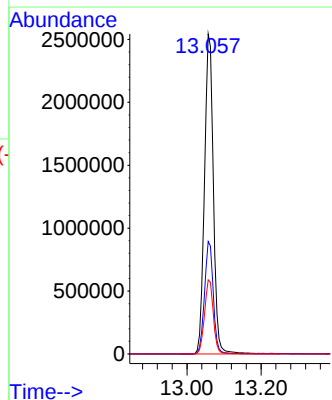
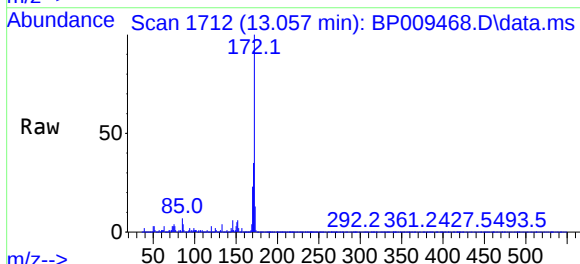
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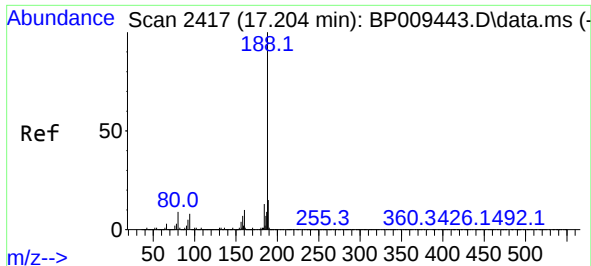
Tgt Ion:330 Resp: 1342143
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 30.0 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 58.634 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP009468.D
Acq: 21 Mar 2022 13:49

Tgt Ion:172 Resp: 4225380
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.2 18.6 27.8

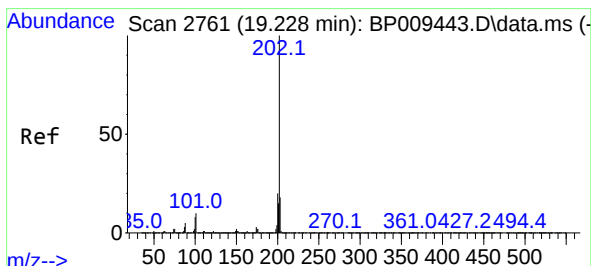
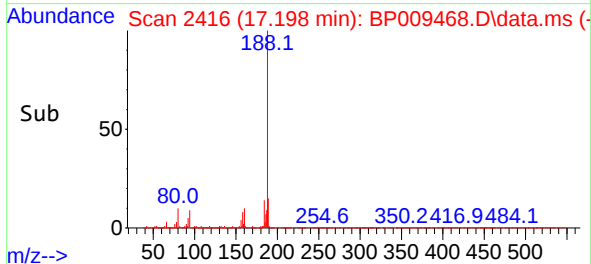
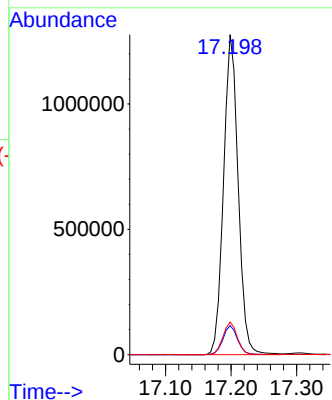
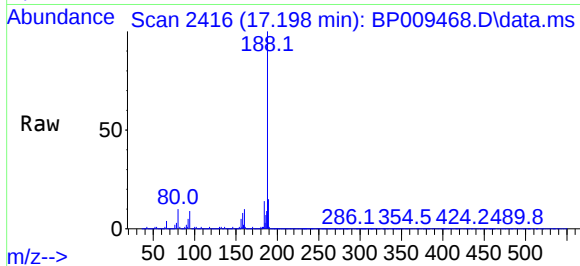




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP009468.D
Acq: 21 Mar 2022 13:49

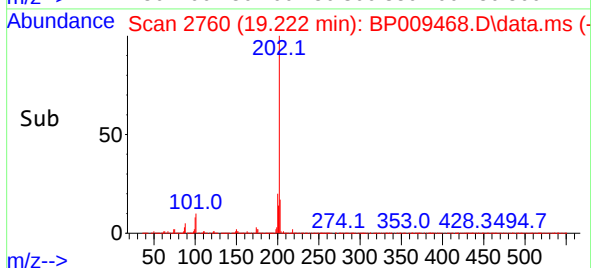
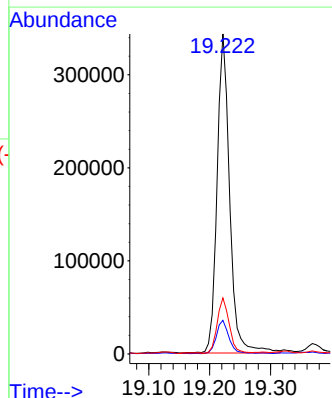
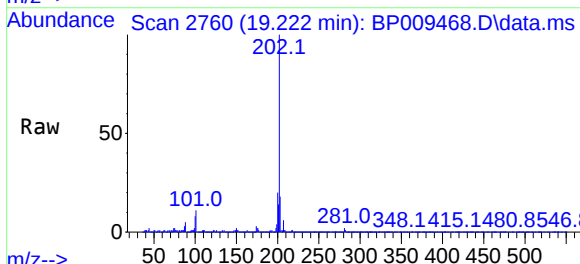
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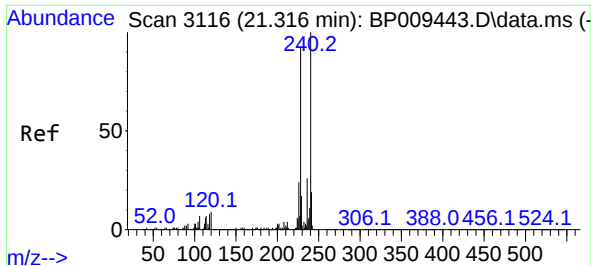
Tgt Ion:188 Resp: 1964866
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.2 8.8 13.2



#75
Fluoranthene
Concen: 3.871 ng
RT: 19.222 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BP009468.D
Acq: 21 Mar 2022 13:49

Tgt Ion:202 Resp: 492871
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.5
203 17.5 0.0 37.8

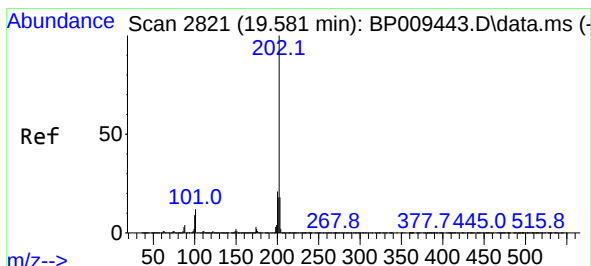
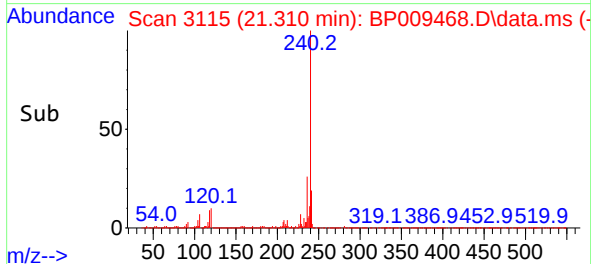
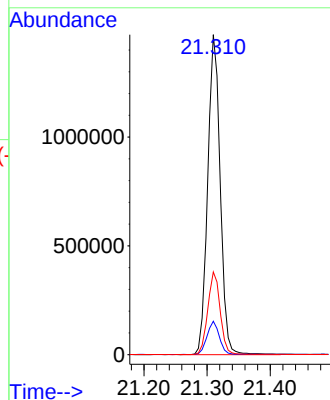
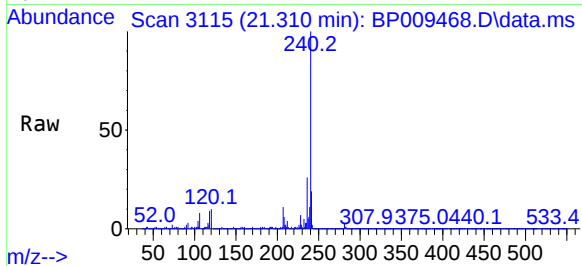




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP009468.D
Acq: 21 Mar 2022 13:49

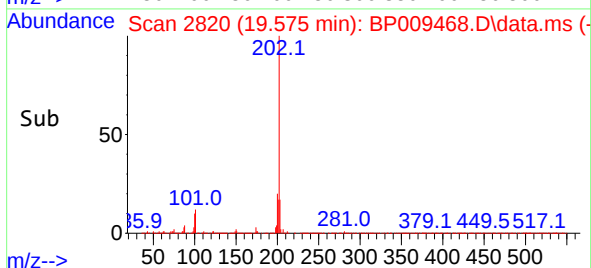
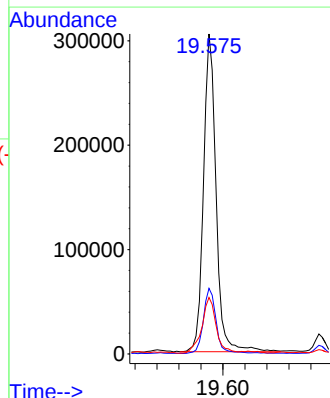
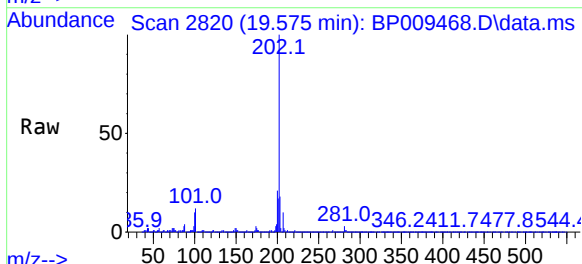
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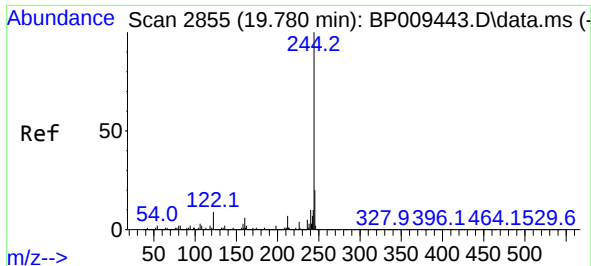
Tgt Ion:240 Resp: 2015164
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 25.8 20.6 30.8



#78
Pyrene
Concen: 3.637 ng
RT: 19.575 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP009468.D
Acq: 21 Mar 2022 13:49

Tgt Ion:202 Resp: 482927
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 17.6 14.2 21.4

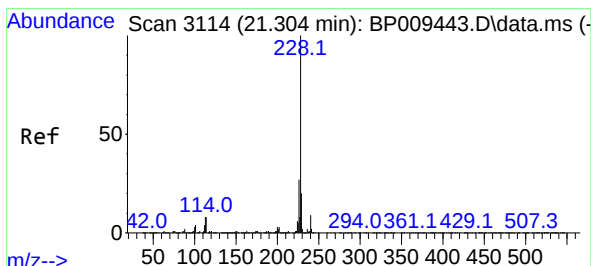
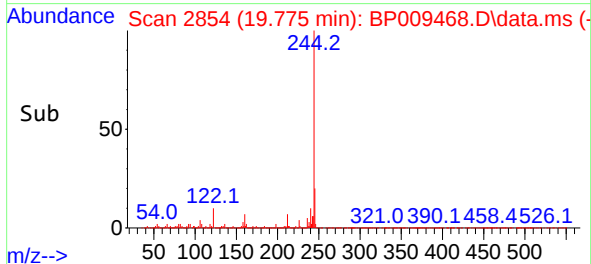
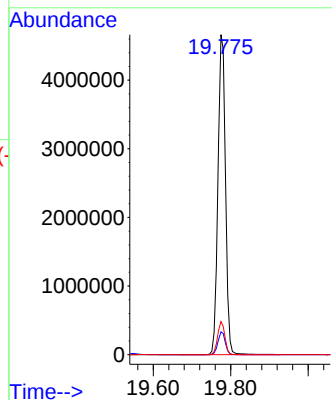
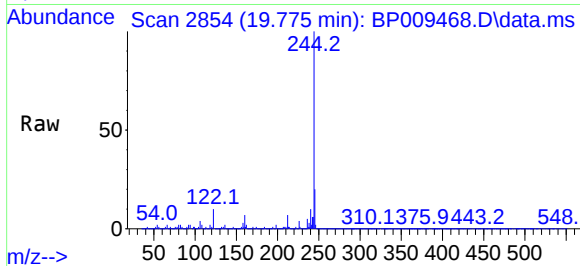




#79
 Terphenyl-d14
 Concen: 55.814 ng
 RT: 19.775 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009468.D
 Acq: 21 Mar 2022 13:49

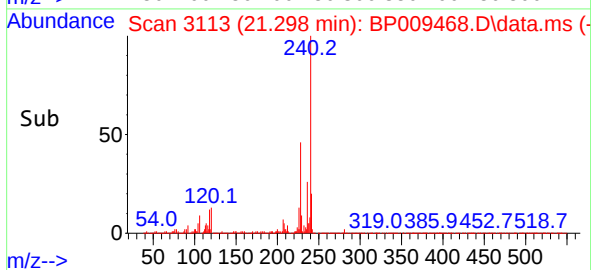
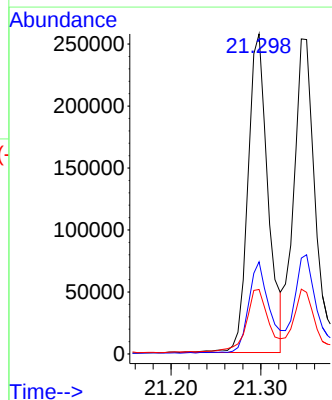
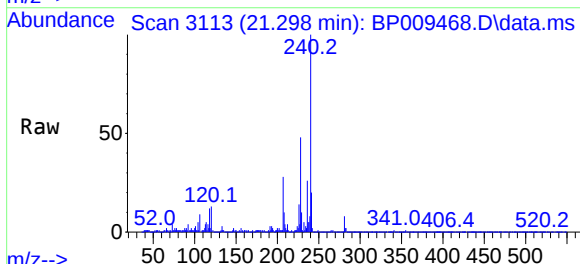
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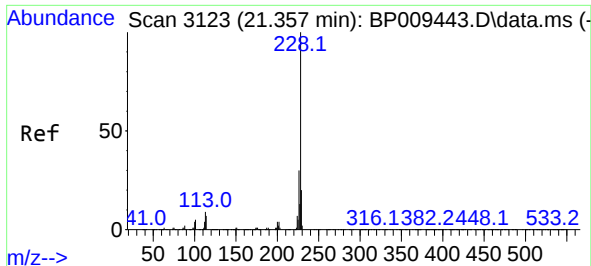
Tgt Ion:244 Resp: 6266405
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.3 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 3.017 ng
 RT: 21.298 min Scan# 3113
 Delta R.T. -0.006 min
 Lab File: BP009468.D
 Acq: 21 Mar 2022 13:49

Tgt Ion:228 Resp: 399392
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.0 33.0
 229 20.2 16.1 24.1

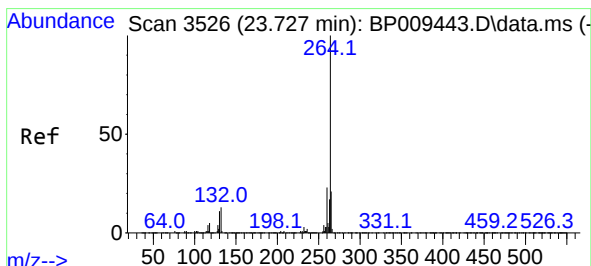
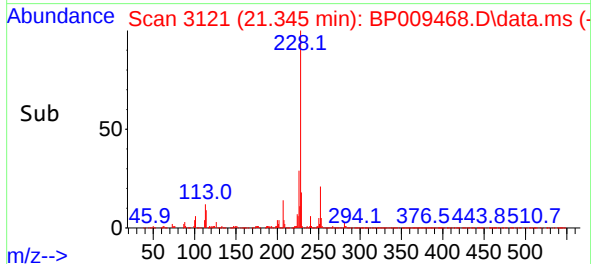
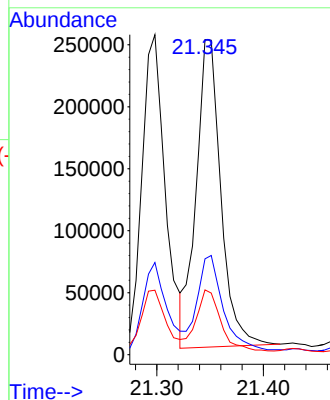
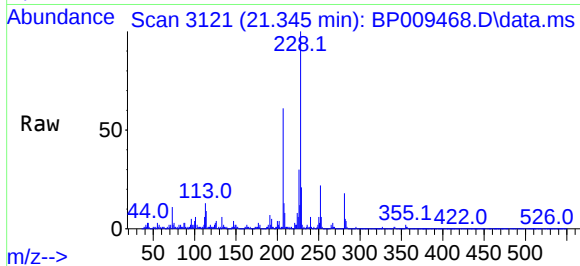




#83
Chrysene
Concen: 3.205 ng
RT: 21.345 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP009468.D
Acq: 21 Mar 2022 13:49

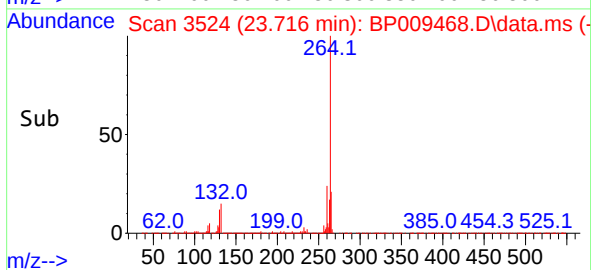
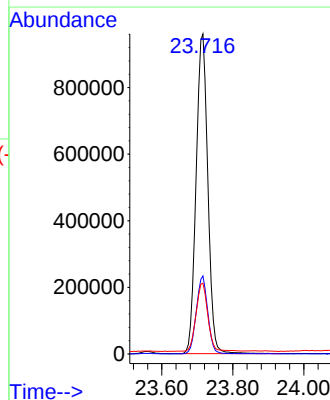
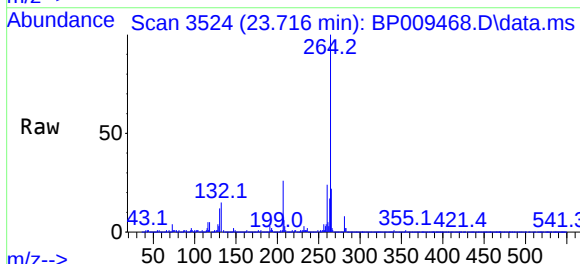
Instrument :
BNA_P
ClientSampleId :
124055

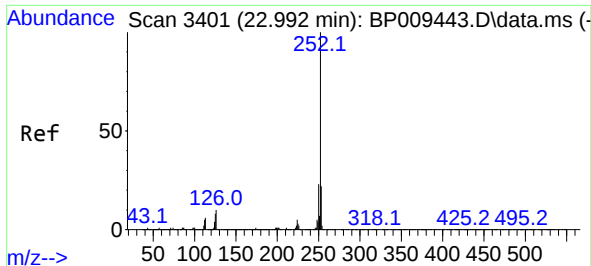
Tgt Ion:228 Resp: 401860
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 20.6 16.1 24.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.716 min Scan# 3524
Delta R.T. -0.012 min
Lab File: BP009468.D
Acq: 21 Mar 2022 13:49

Tgt Ion:264 Resp: 2205681
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.0
265 22.1 17.2 25.8

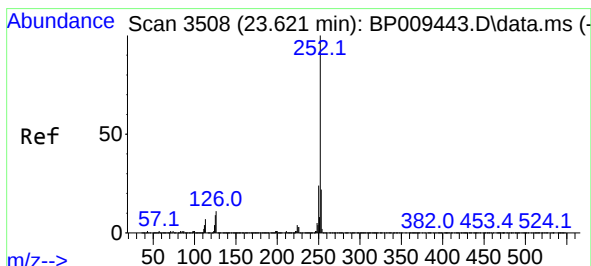
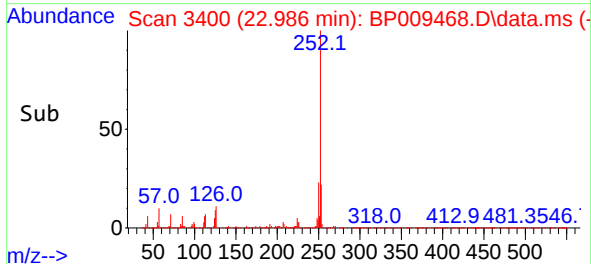
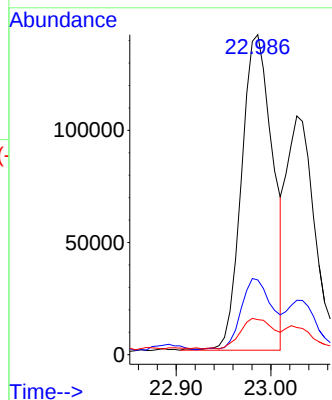
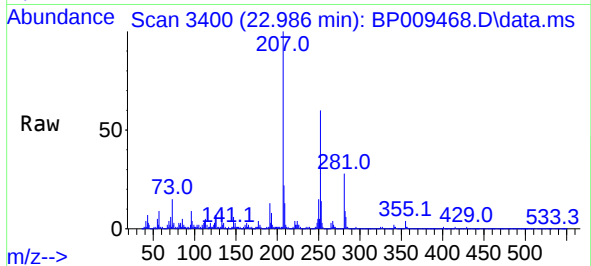




#88
Benzo(b)fluoranthene
Concen: 2.441 ng
RT: 22.986 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BP009468.D
Acq: 21 Mar 2022 13:49

Instrument :
BNA_P
ClientSampleId :
124055

Tgt Ion:252 Resp: 321424
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 11.0 8.1 12.1



#90
Benzo(a)pyrene
Concen: 2.008 ng
RT: 23.610 min Scan# 3506
Delta R.T. -0.012 min
Lab File: BP009468.D
Acq: 21 Mar 2022 13:49

Tgt Ion:252 Resp: 226268
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 12.0 9.3 13.9

