

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
 Data File : BP008240.D
 Acq On : 06 Dec 2021 21:34
 Operator : CG/JU
 Sample : M4915-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-4-7

Quant Time: Dec 07 05:12:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

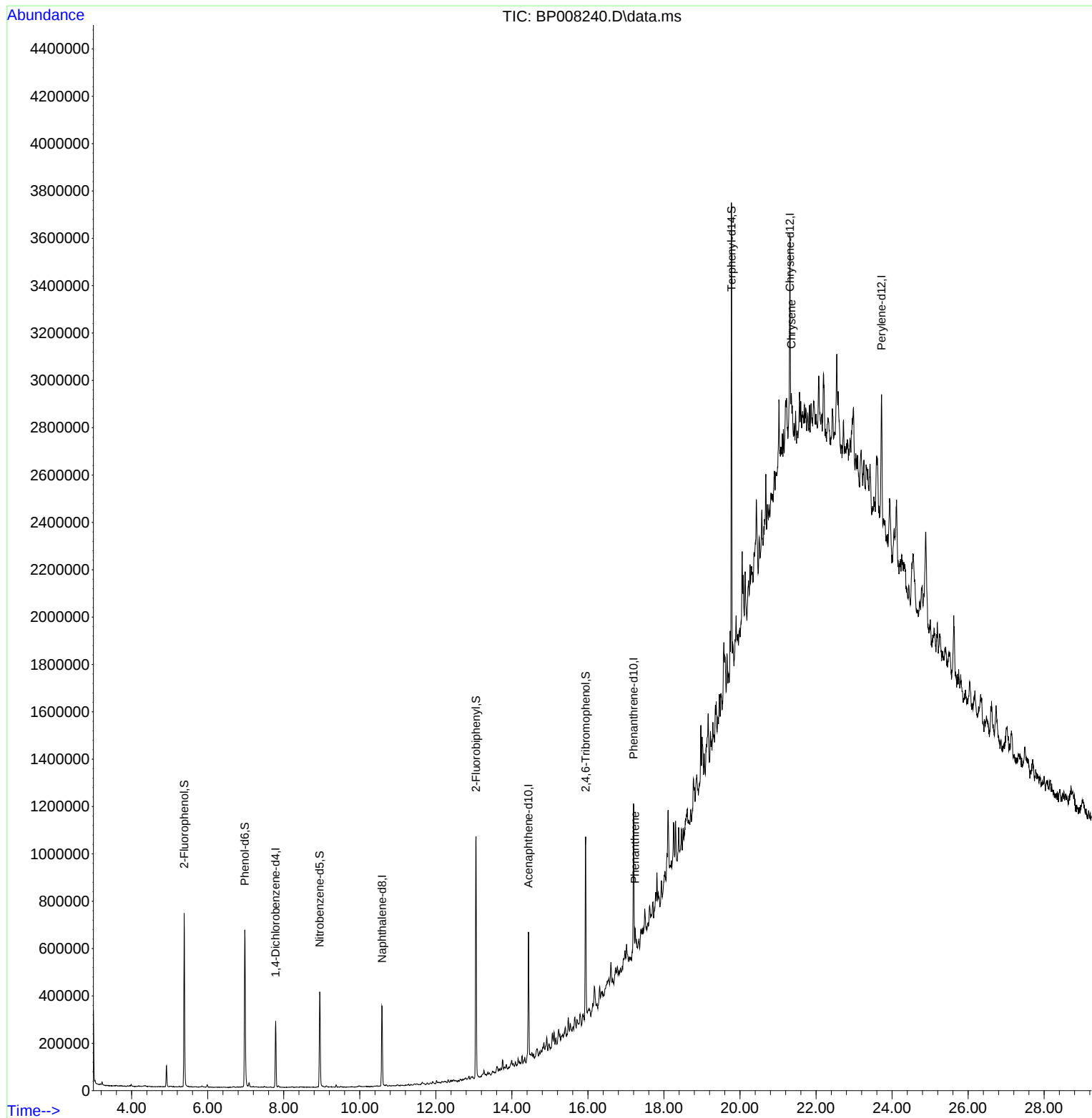
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	72239	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	270331	20.000	ng	-0.01
39) Acenaphthene-d10	14.434	164	181041	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	374291	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	408193	20.000	ng	0.00
86) Perylene-d12	23.721	264	445058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	291793	65.036	ng	0.00
7) Phenol-d6	6.975	99	375997	62.080	ng	-0.01
23) Nitrobenzene-d5	8.946	82	241550	40.632	ng	-0.02
42) 2,4,6-Tribromophenol	15.940	330	151319	65.393	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	530137	42.534	ng	-0.01
79) Terphenyl-d14	19.775	244	881444	45.129	ng	0.00
Target Compounds						
71) Phenanthrene	17.239	178	70822	3.584	ng	# 90
83) Chrysene	21.351	228	80313	3.120	ng	# 45

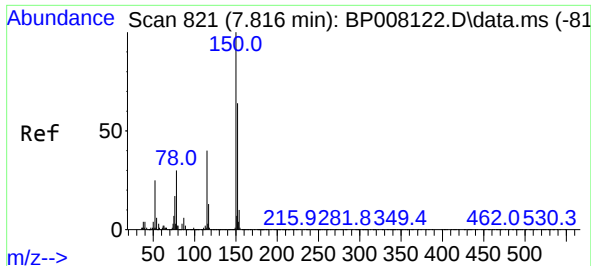
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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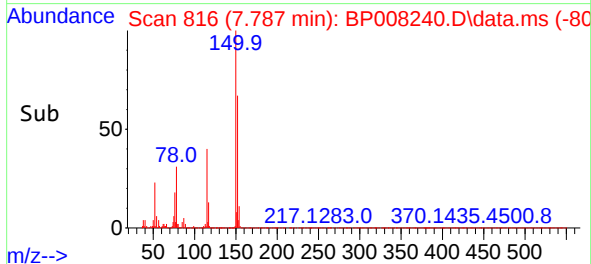
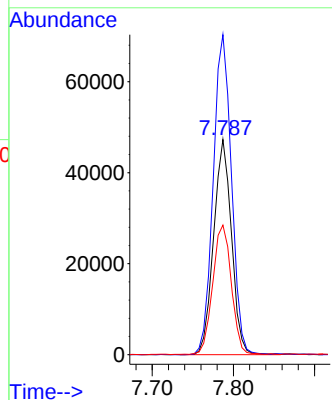
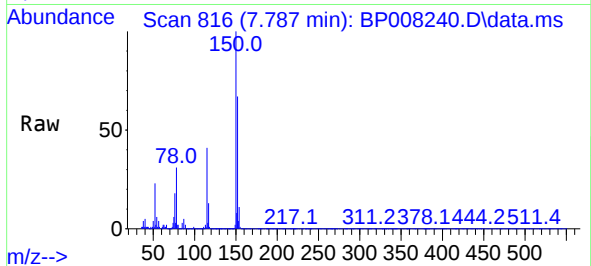




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008240.D
Acq: 06 Dec 2021 21:34

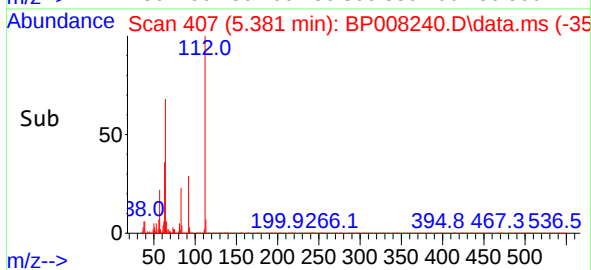
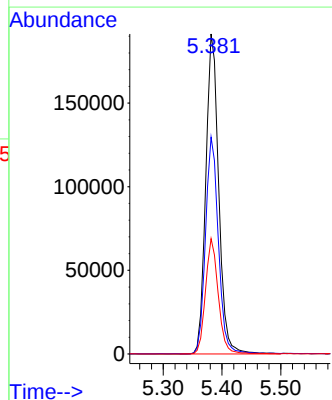
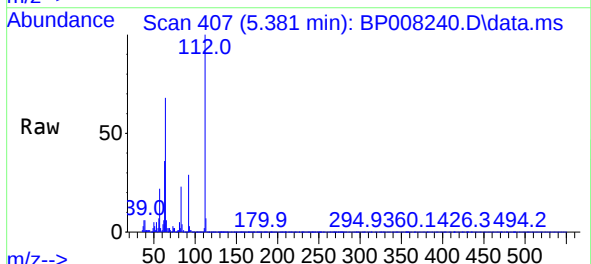
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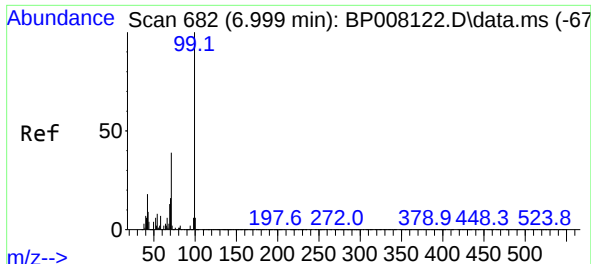
Tgt Ion:152 Resp: 72239
Ion Ratio Lower Upper
152 100
150 148.6 125.7 188.5
115 60.2 50.7 76.1



#5
2-Fluorophenol
Concen: 65.036 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008240.D
Acq: 06 Dec 2021 21:34

Tgt Ion:112 Resp: 291793
Ion Ratio Lower Upper
112 100
64 67.8 53.4 80.2
63 36.1 27.8 41.8

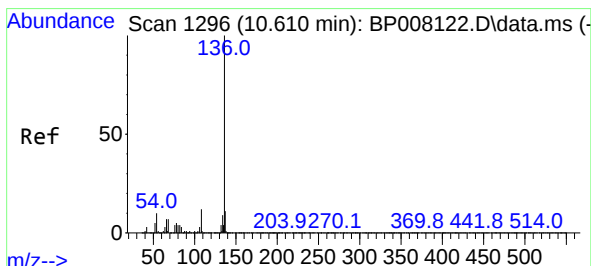
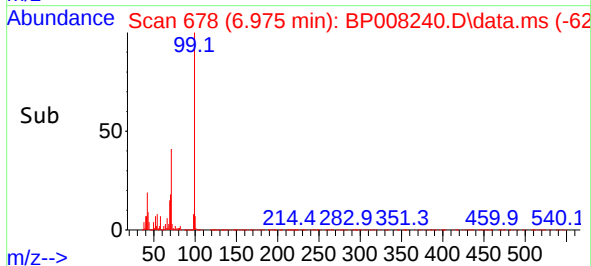
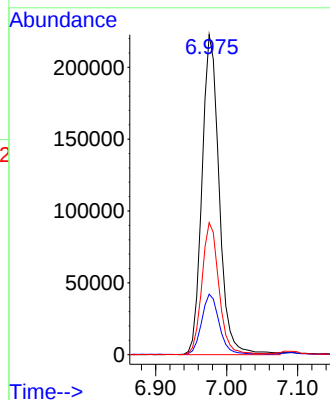
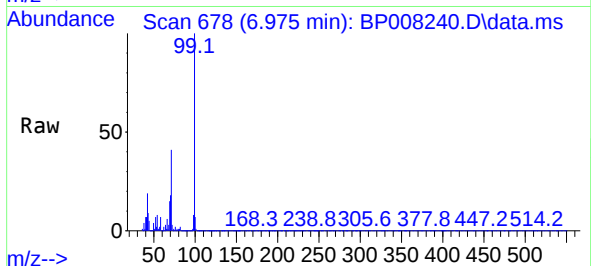




#7
Phenol-d6
Concen: 62.080 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008240.D
Acq: 06 Dec 2021 21:34

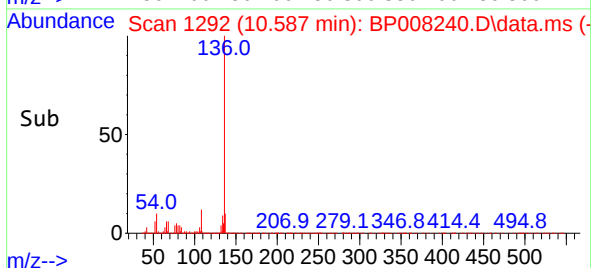
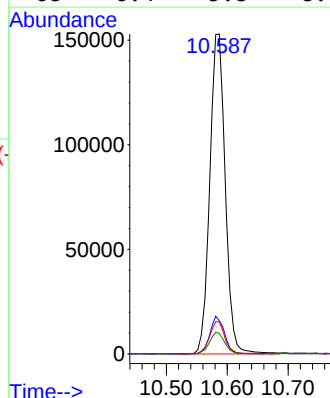
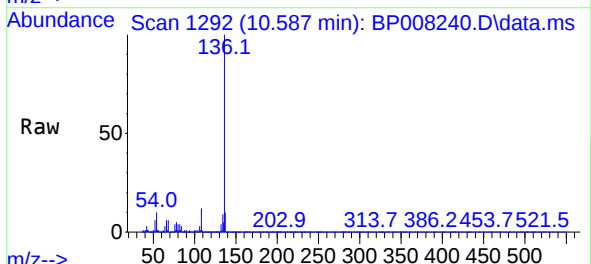
Instrument :
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ClientSampleId :
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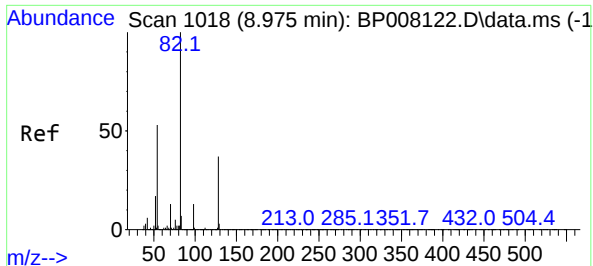
Tgt Ion: 99 Resp: 375997
Ion Ratio Lower Upper
99 100
42 18.9 14.6 22.0
71 41.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP008240.D
Acq: 06 Dec 2021 21:34

Tgt Ion: 136 Resp: 270331
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 10.0 8.2 12.4
68 6.4 5.8 8.8





#23

Nitrobenzene-d5

Concen: 40.632 ng

RT: 8.946 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BP008240.D

Acq: 06 Dec 2021 21:34

Instrument :

BNA_P

ClientSampleId :

B-4-7

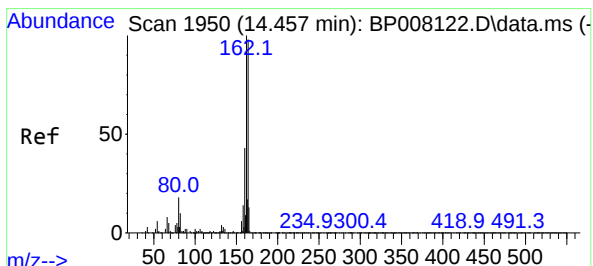
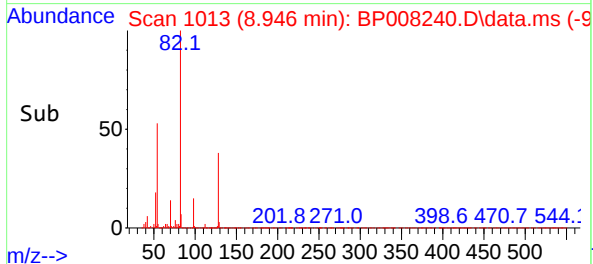
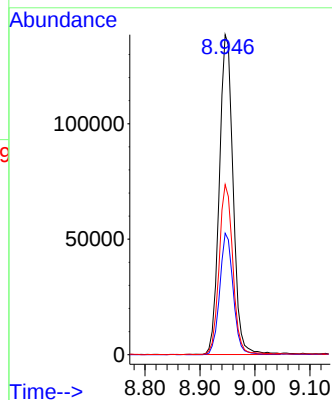
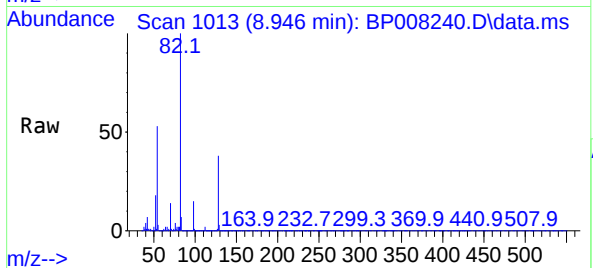
Tgt Ion: 82 Resp: 241550

Ion Ratio Lower Upper

82 100

128 37.9 29.6 44.4

54 53.1 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.434 min Scan# 1946

Delta R.T. -0.012 min

Lab File: BP008240.D

Acq: 06 Dec 2021 21:34

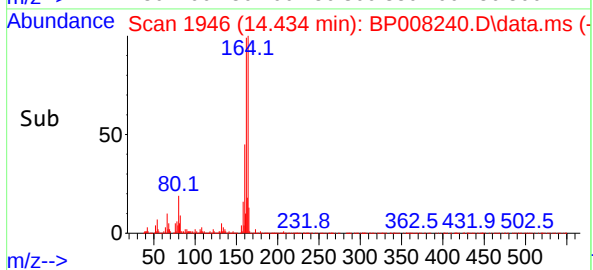
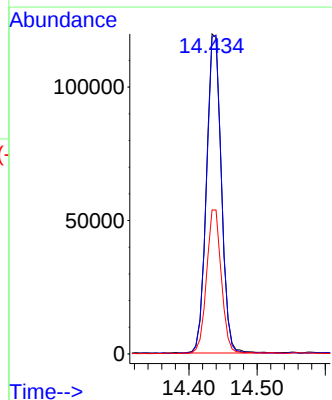
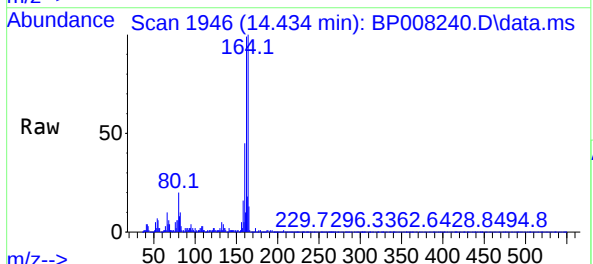
Tgt Ion: 164 Resp: 181041

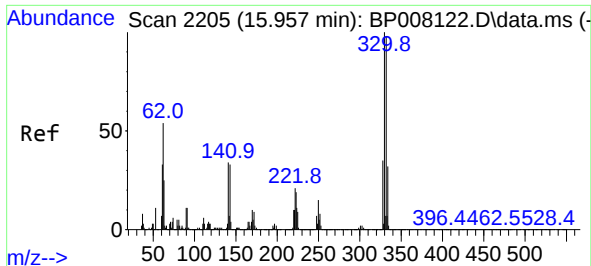
Ion Ratio Lower Upper

164 100

162 99.0 81.9 122.9

160 45.0 35.4 53.0

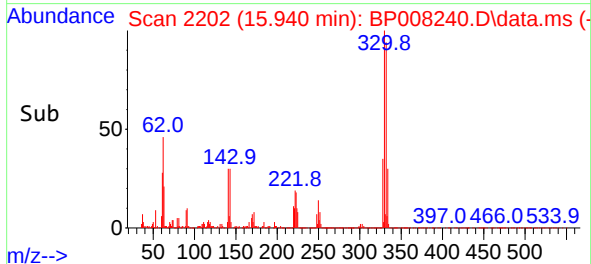
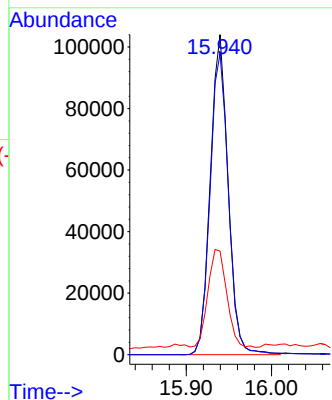
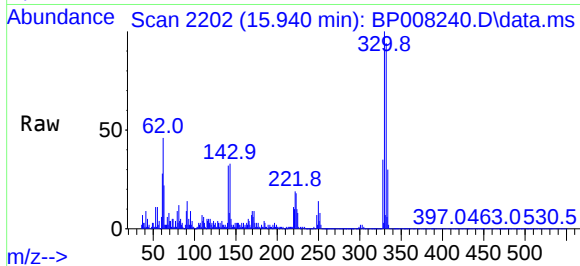




#42
2,4,6-Tribromophenol
Concen: 65.393 ng
RT: 15.940 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008240.D
Acq: 06 Dec 2021 21:34

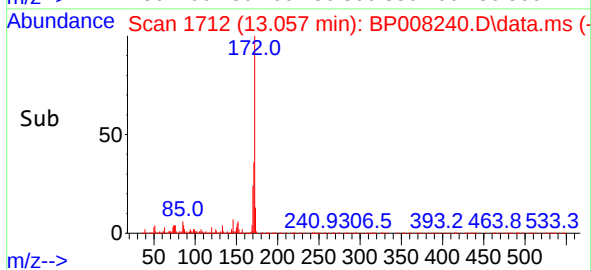
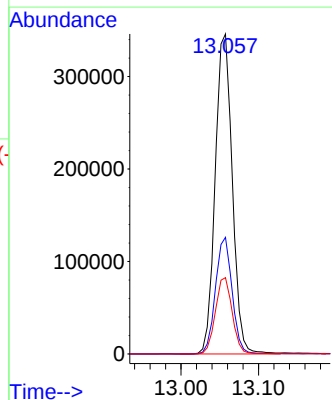
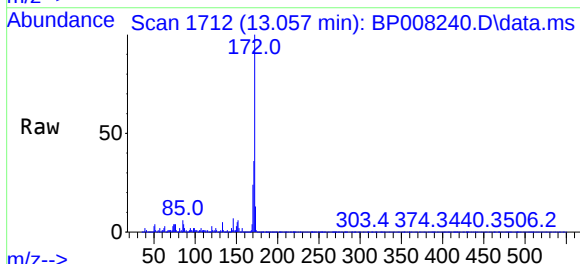
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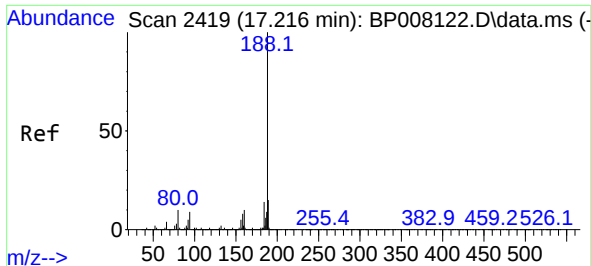
Tgt Ion:330 Resp: 151319
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 32.4 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 42.534 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP008240.D
Acq: 06 Dec 2021 21:34

Tgt Ion:172 Resp: 530137
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 23.8 18.9 28.3

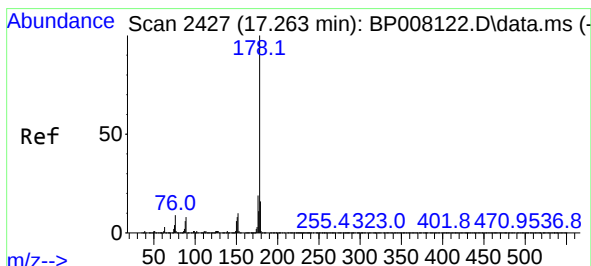
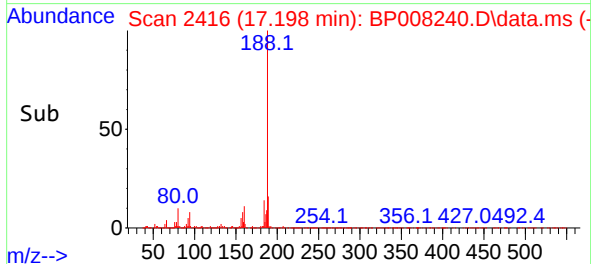
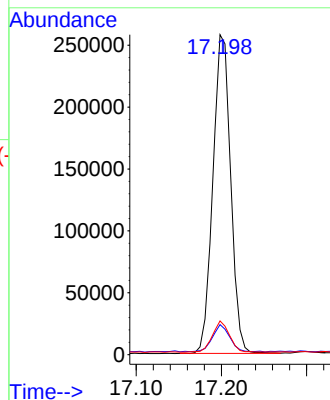
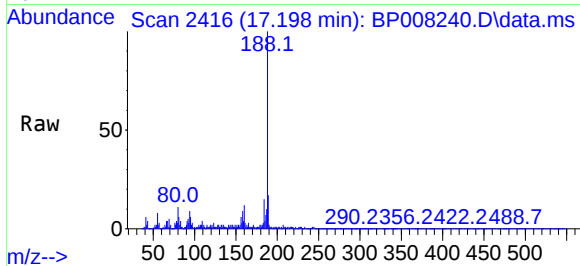




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP008240.D
Acq: 06 Dec 2021 21:34

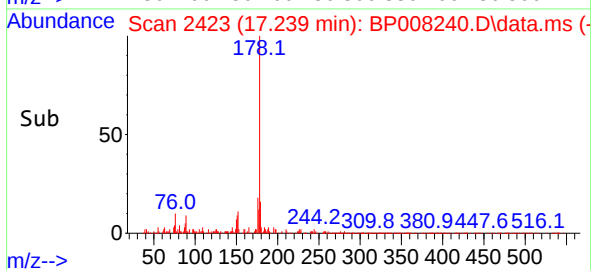
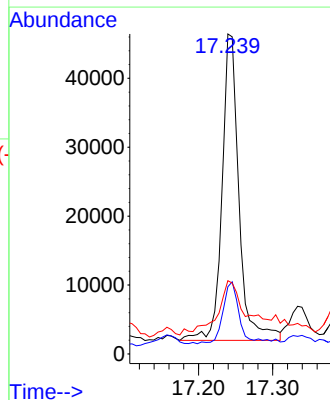
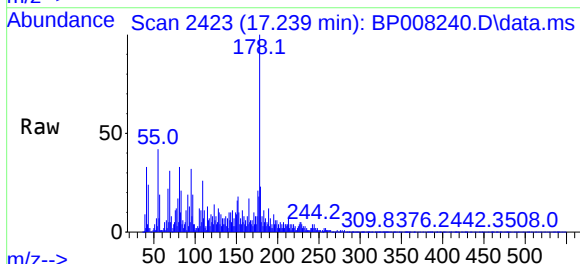
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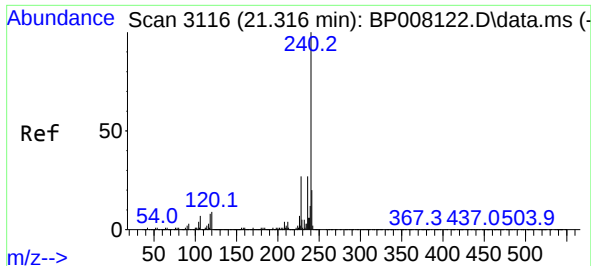
Tgt Ion:188 Resp: 374291
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.5 8.2 12.4



#71
Phenanthrene
Concen: 3.584 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP008240.D
Acq: 06 Dec 2021 21:34

Tgt Ion:178 Resp: 70822
Ion Ratio Lower Upper
178 100
176 21.0 15.3 22.9
179 22.9 12.5 18.7#

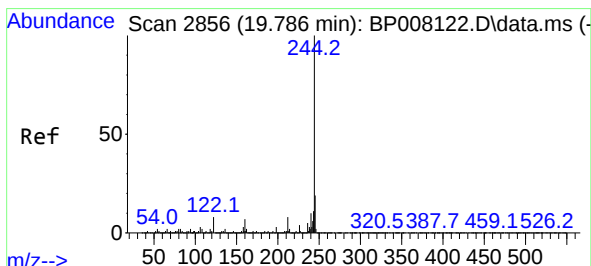
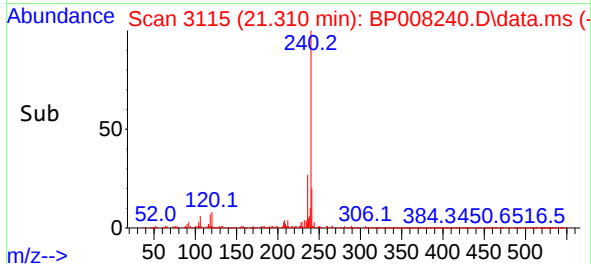
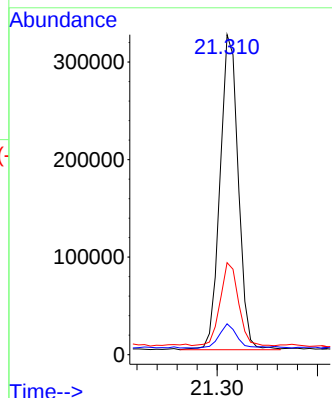
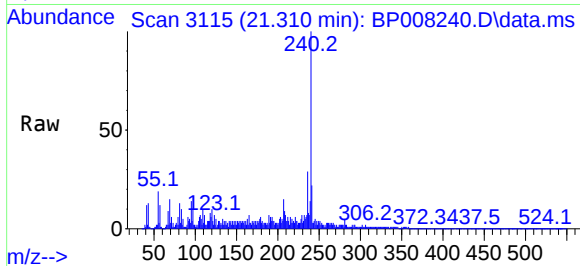




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008240.D
Acq: 06 Dec 2021 21:34

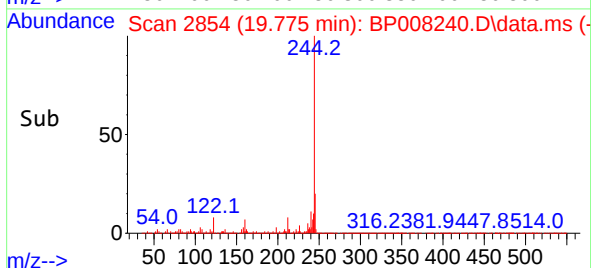
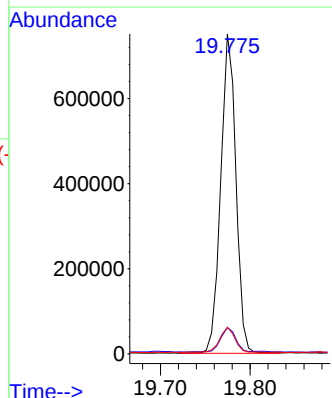
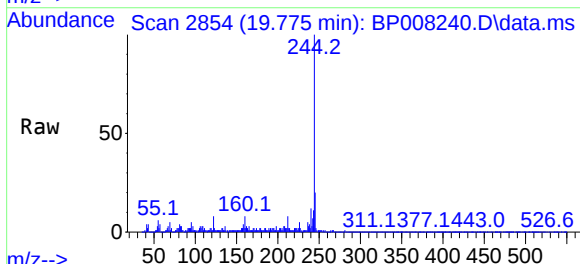
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ClientSampleId :
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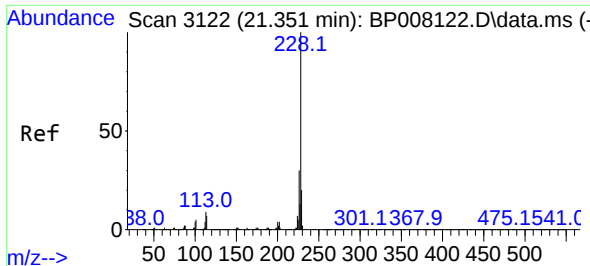
Tgt Ion:240 Resp: 408193
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 28.8 21.4 32.2



#79
Terphenyl-d14
Concen: 45.129 ng
RT: 19.775 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BP008240.D
Acq: 06 Dec 2021 21:34

Tgt Ion:244 Resp: 881444
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 8.4 6.6 9.8

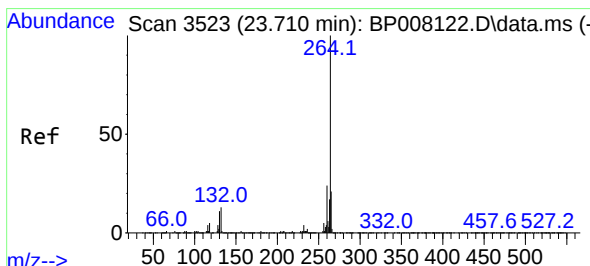
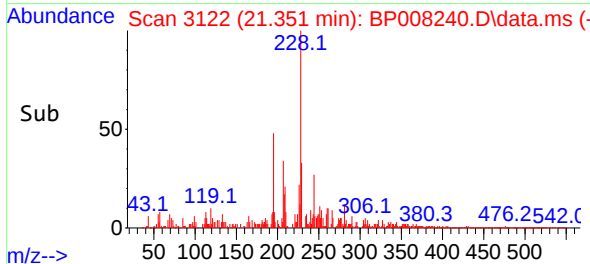
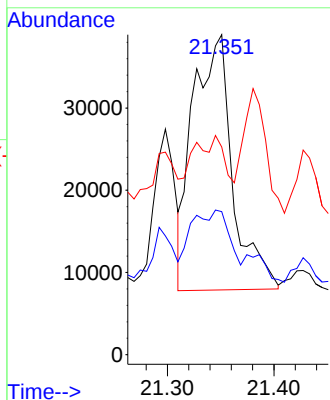
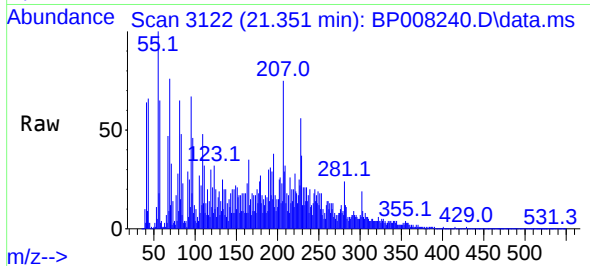




#83
Chrysene
Concen: 3.120 ng
RT: 21.351 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BP008240.D
Acq: 06 Dec 2021 21:34

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:	228	Resp:	80313
Ion Ratio	Lower	Upper	
228	100		
226	44.7	24.0	36.0#
229	64.9	15.8	23.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3525
Delta R.T. 0.006 min
Lab File: BP008240.D
Acq: 06 Dec 2021 21:34

Tgt Ion:	264	Resp:	445058
Ion Ratio	Lower	Upper	
264	100		
260	26.0	19.4	29.2
265	25.3	17.6	26.4

