

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
 Data File : BP008147.D
 Acq On : 29 Nov 2021 18:13
 Operator : CG/JU
 Sample : M4819-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-112321

Quant Time: Nov 30 00:05:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

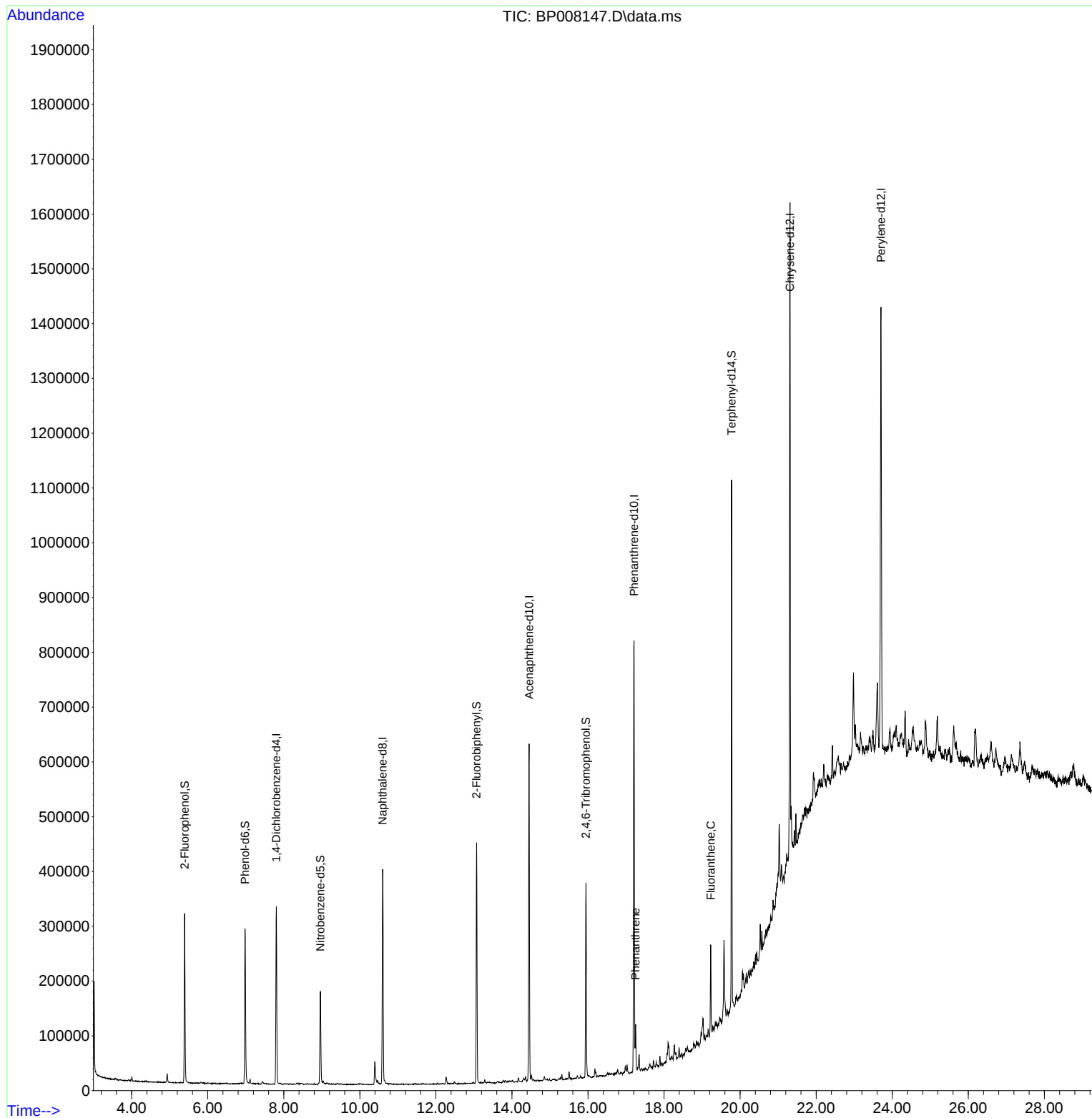
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	83365	20.000	ng	-0.01
21) Naphthalene-d8	10.599	136	307417	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	205630	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	478088	20.000	ng	0.00
76) Chrysene-d12	21.310	240	566108	20.000	ng	0.00
86) Perylene-d12	23.704	264	622309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	120981	23.366	ng	-0.01
7) Phenol-d6	6.981	99	157272	22.501	ng	-0.02
23) Nitrobenzene-d5	8.957	82	103258	15.274	ng	-0.02
42) 2,4,6-Tribromophenol	15.945	330	63131	24.020	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	219988	15.540	ng	-0.01
79) Terphenyl-d14	19.775	244	437824	16.163	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.251	178	50949	2.018	ng	98
75) Fluoranthene	19.228	202	87774	2.581	ng	98

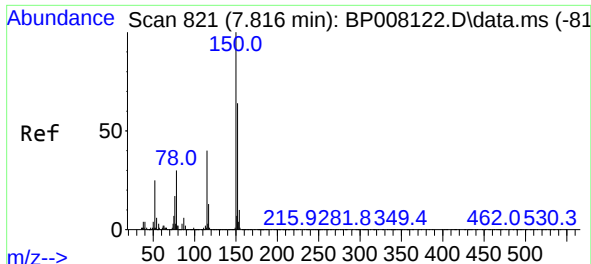
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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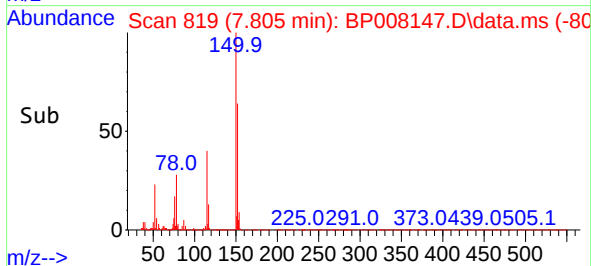
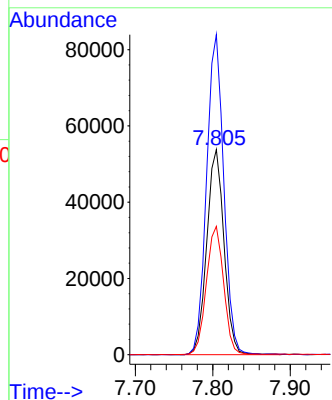
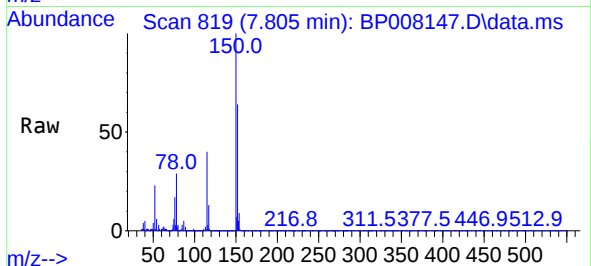




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

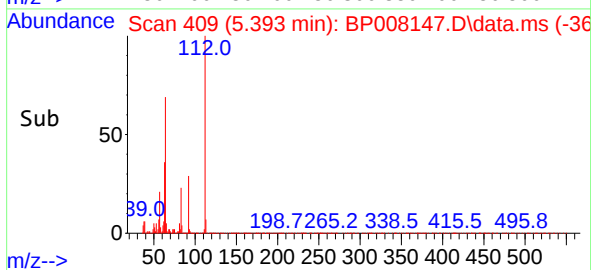
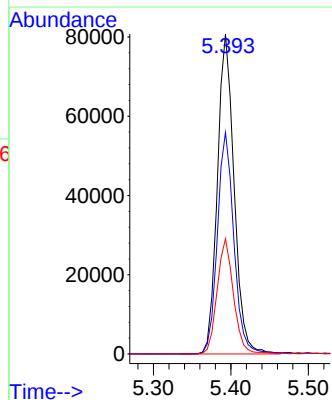
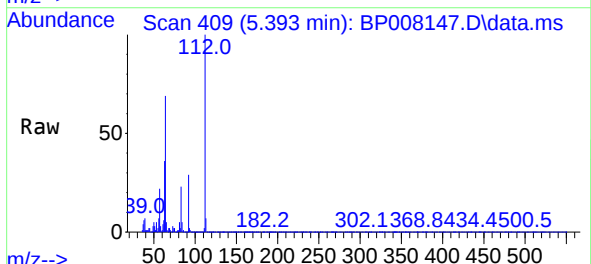
Instrument :
BNA_P
ClientSampleId :
OR-02-112321

Tgt Ion:152 Resp: 83365
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 62.6 50.7 76.1



#5
2-Fluorophenol
Concen: 23.366 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

Tgt Ion:112 Resp: 120981
Ion Ratio Lower Upper
112 100
64 69.3 53.4 80.2
63 36.0 27.8 41.8

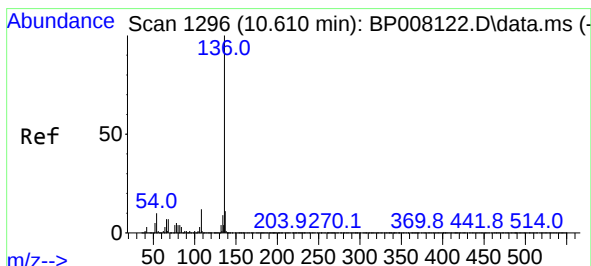
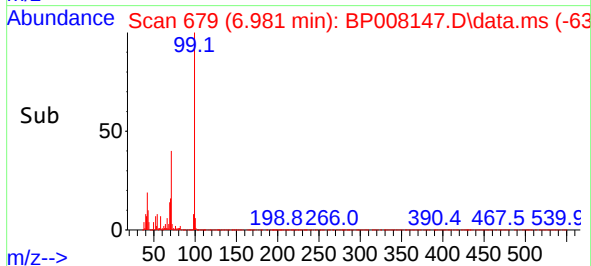
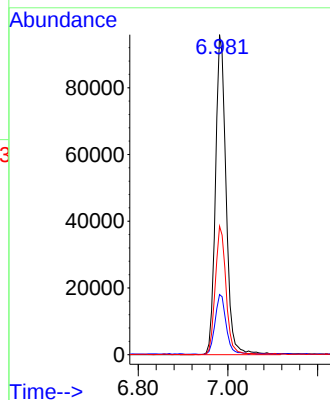
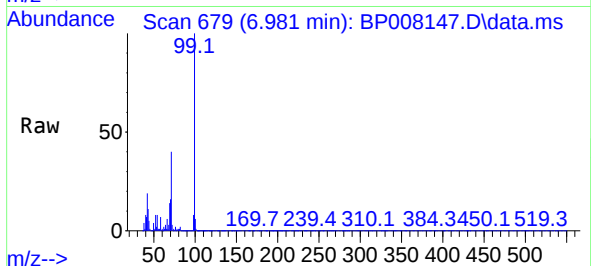




#7
Phenol-d6
Concen: 22.501 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

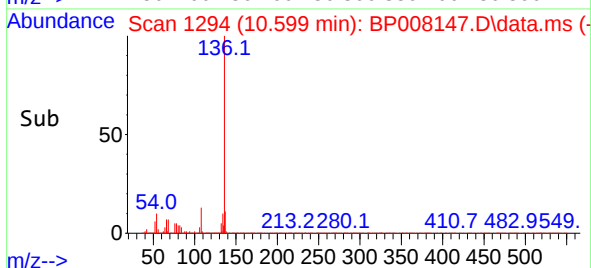
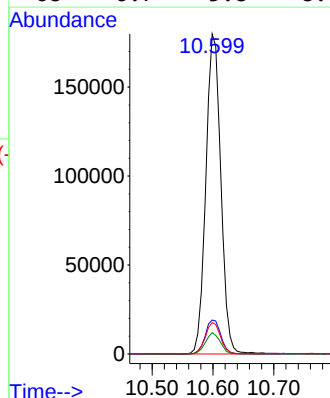
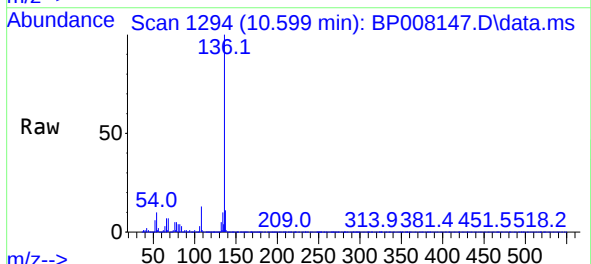
Instrument :
BNA_P
ClientSampleId :
OR-02-112321

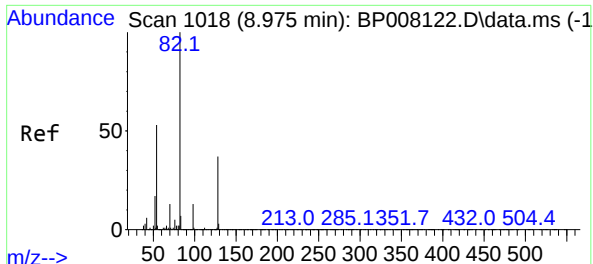
Tgt Ion: 99 Resp: 157272
Ion Ratio Lower Upper
99 100
42 18.8 14.6 22.0
71 40.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

Tgt Ion: 136 Resp: 307417
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.8 8.2 12.4
68 6.7 5.8 8.8





#23

Nitrobenzene-d5

Concen: 15.274 ng

RT: 8.957 min Scan# 1015

Delta R.T. -0.018 min

Lab File: BP008147.D

Acq: 29 Nov 2021 18:13

Instrument :

BNA_P

ClientSampleId :

OR-02-112321

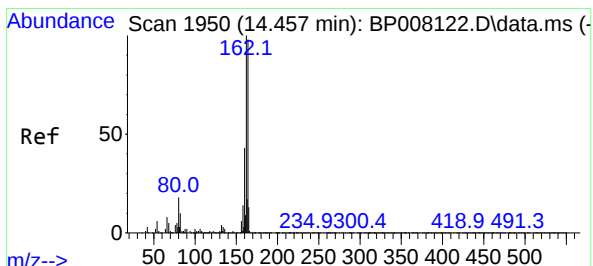
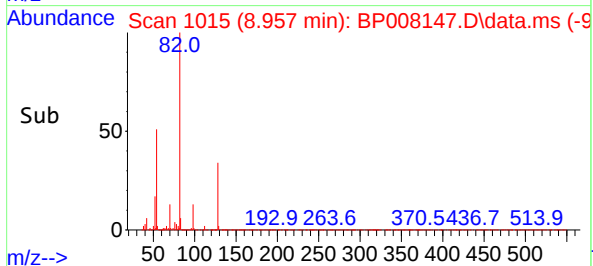
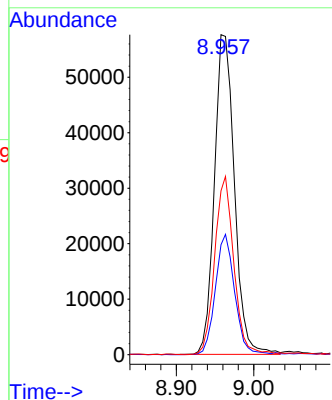
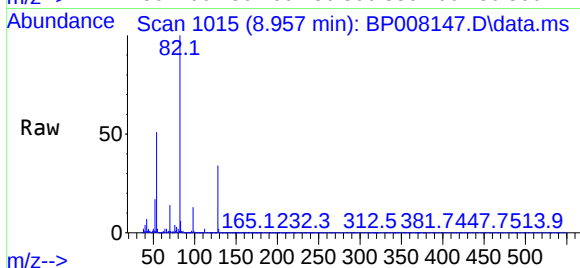
Tgt Ion: 82 Resp: 103258

Ion Ratio Lower Upper

82 100

128 34.4 29.6 44.4

54 51.2 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP008147.D

Acq: 29 Nov 2021 18:13

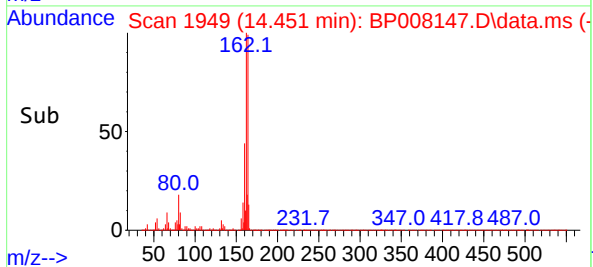
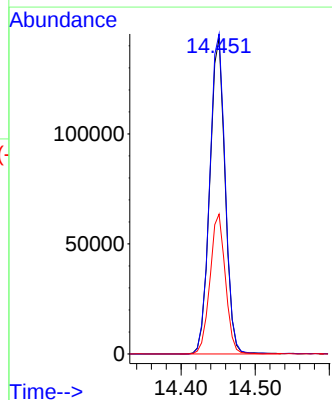
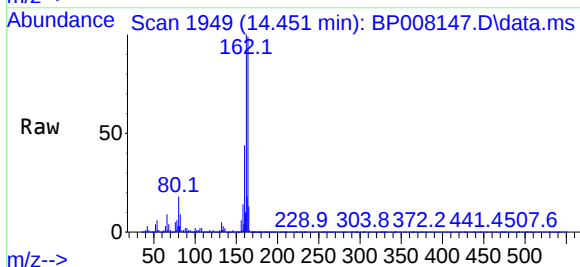
Tgt Ion:164 Resp: 205630

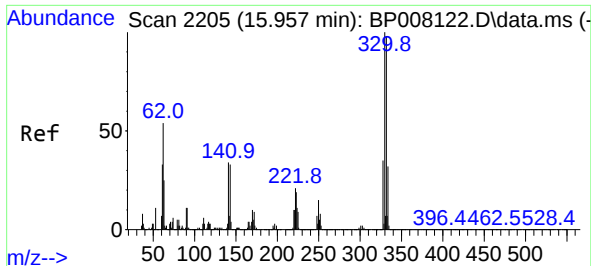
Ion Ratio Lower Upper

164 100

162 101.3 81.9 122.9

160 44.3 35.4 53.0

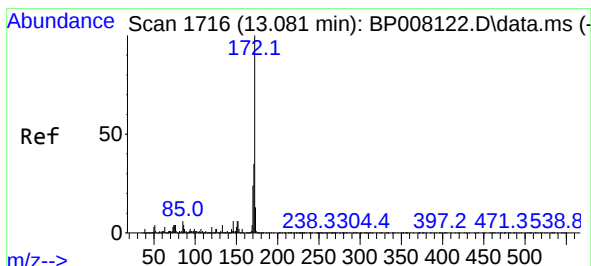
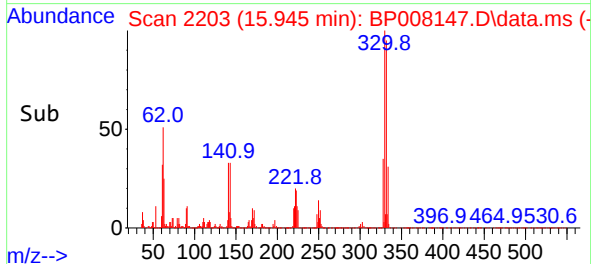
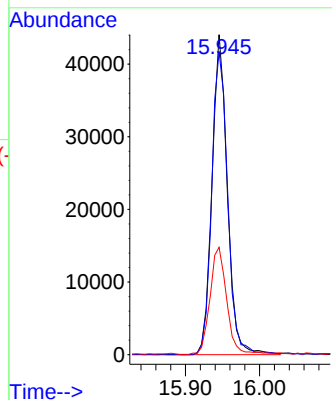
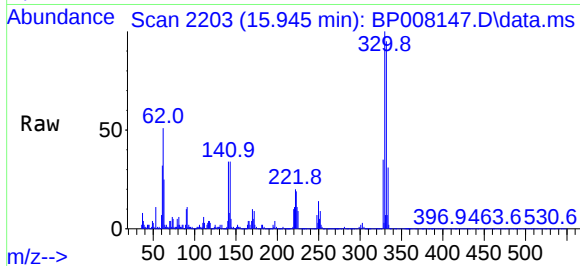




#42
2,4,6-Tribromophenol
Concen: 24.020 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

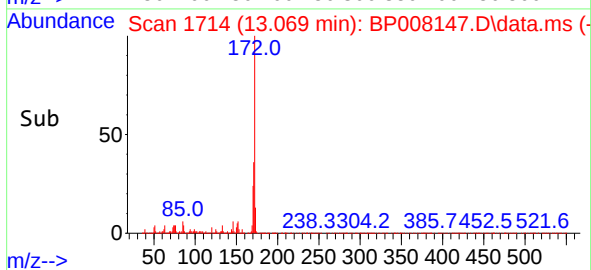
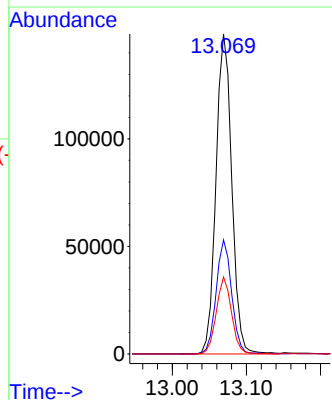
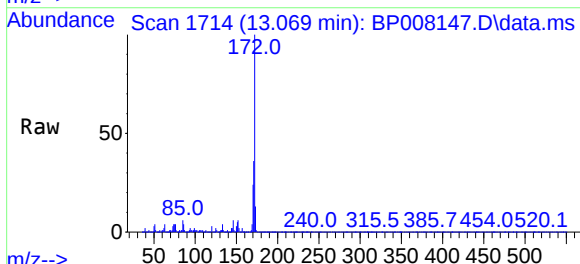
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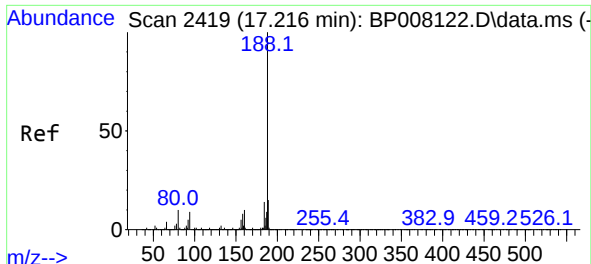
Tgt Ion:	330	Resp:	63131
Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.0	115.4
141	36.8	28.4	42.6



#45
2-Fluorobiphenyl
Concen: 15.540 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

Tgt Ion:	172	Resp:	219988
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.0	42.0
170	24.0	18.9	28.3

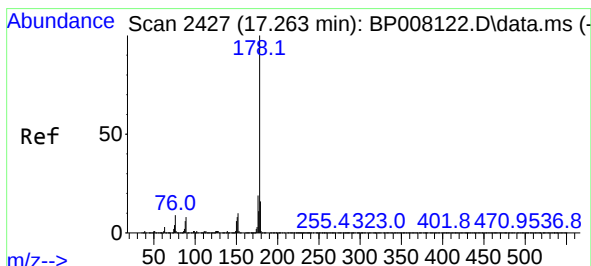
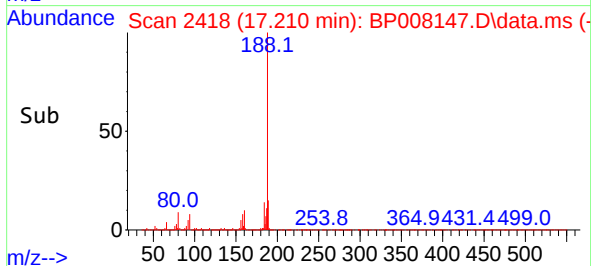
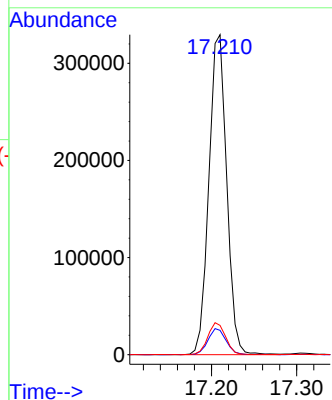
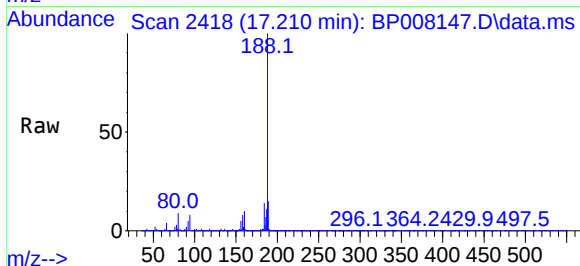




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

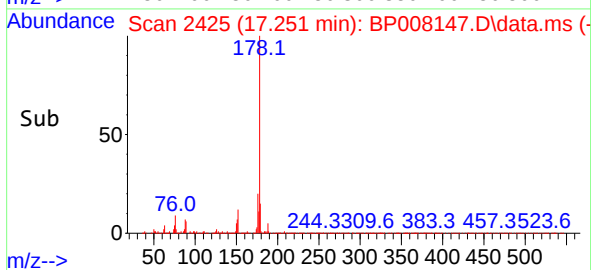
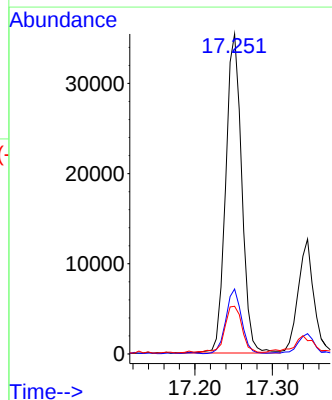
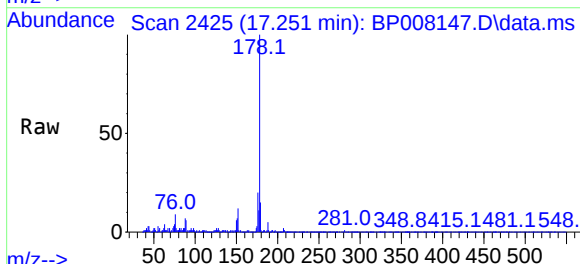
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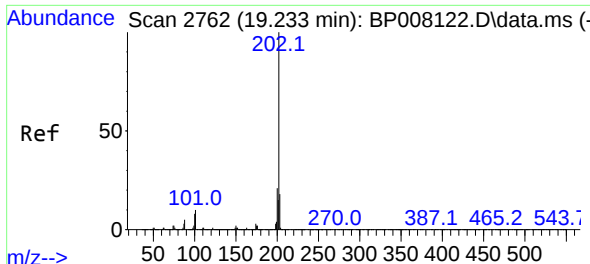
Tgt Ion:188 Resp: 478088
Ion Ratio Lower Upper
188 100
94 7.6 7.2 10.8
80 9.2 8.2 12.4



#71
Phenanthrene
Concen: 2.018 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

Tgt Ion:178 Resp: 50949
Ion Ratio Lower Upper
178 100
176 20.3 15.3 22.9
179 14.9 12.5 18.7

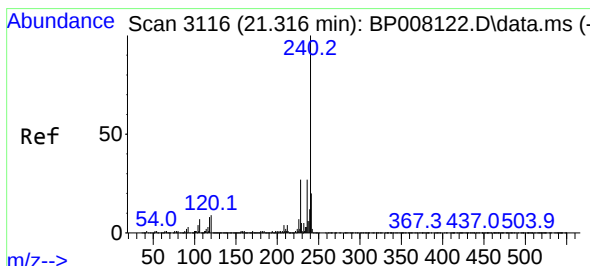
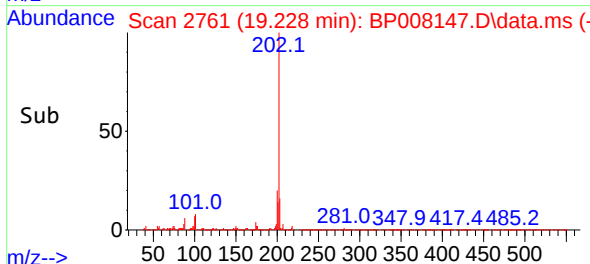
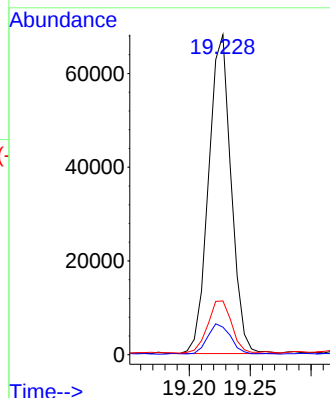
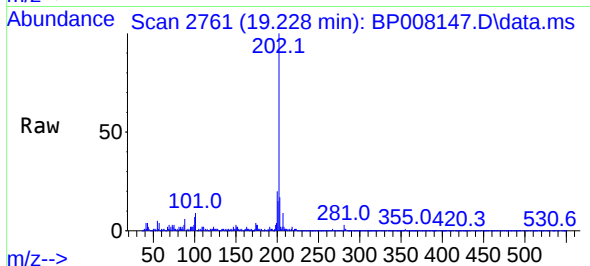




#75
Fluoranthene
Concen: 2.581 ng
RT: 19.228 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

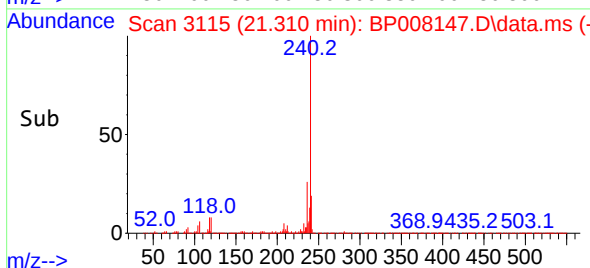
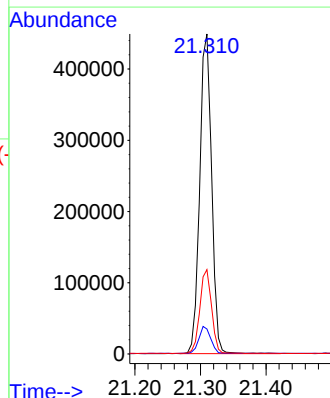
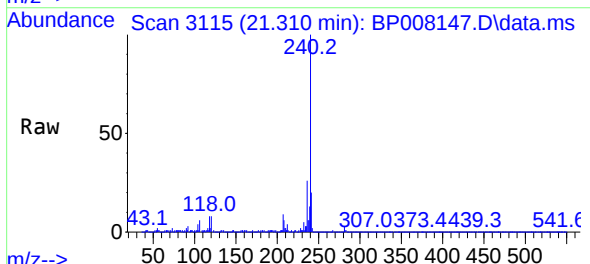
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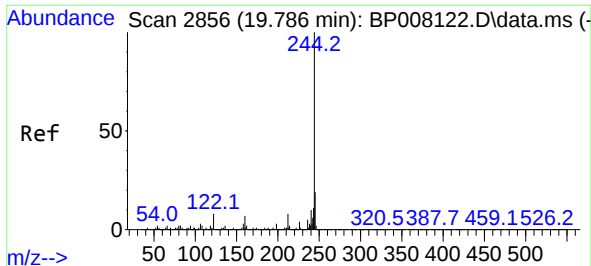
Tgt Ion:	202	Resp:	87774
Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	29.8
203	16.8	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

Tgt Ion:	240	Resp:	566108
Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.3	10.9
236	26.3	21.4	32.2



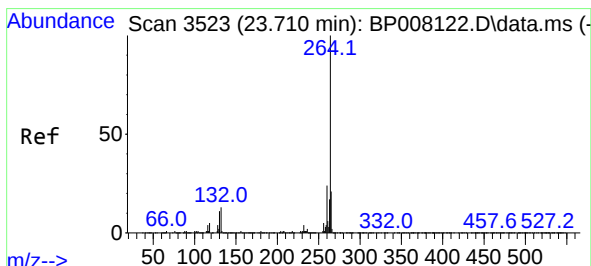
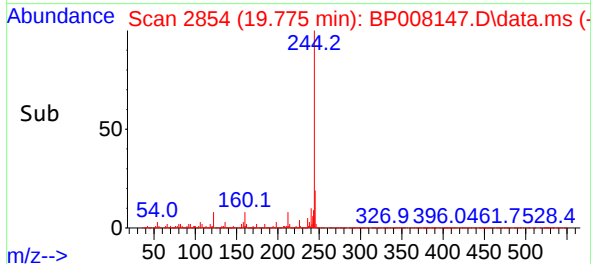
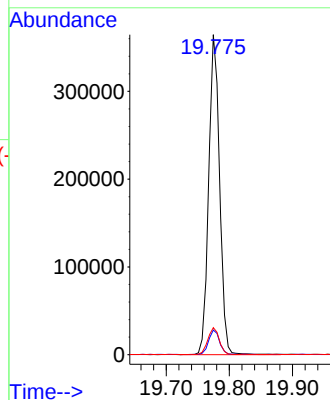
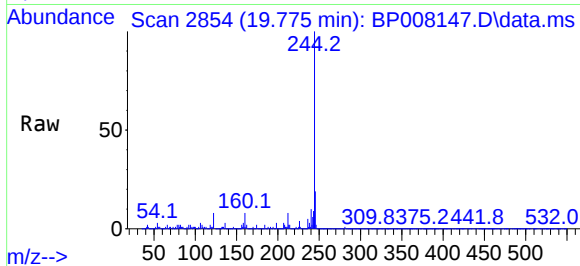


#79
 Terphenyl-d14
 Concen: 16.163 ng
 RT: 19.775 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BP008147.D
 Acq: 29 Nov 2021 18:13

Instrument :
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Tgt Ion:244 Resp: 437824

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	8.4	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 3522
 Delta R.T. -0.006 min
 Lab File: BP008147.D
 Acq: 29 Nov 2021 18:13

Tgt Ion:264 Resp: 622309

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.4	17.6	26.4

