

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
 Data File : BP008772.D
 Acq On : 12 Jan 2022 14:07
 Operator : CG/JU
 Sample : N1097-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2S

Quant Time: Jan 12 16:21:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 12 00:18:56 2022
 Response via : Initial Calibration

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

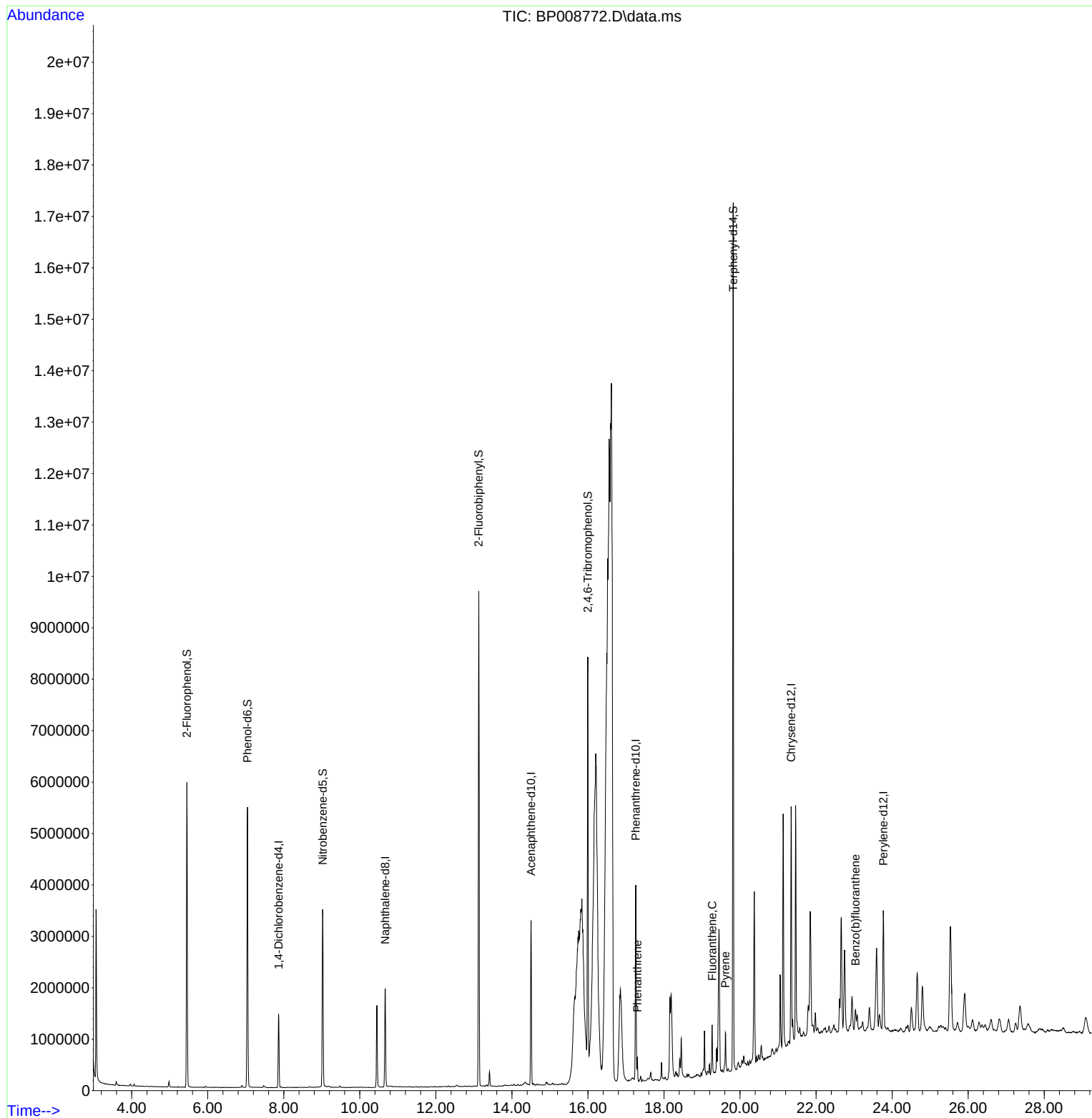
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	426390	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	1706180	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1163040	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2407490	20.000	ng	0.00
76) Chrysene-d12	21.345	240	2230378	20.000	ng	0.00
86) Perylene-d12	23.768	264	1817133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	2772487	101.823	ng	0.00
7) Phenol-d6	7.046	99	3421894	93.615	ng	0.00
23) Nitrobenzene-d5	9.022	82	2087118	69.277	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1718037	87.558	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	5397131	65.241	ng	0.00
79) Terphenyl-d14	19.822	244	8373628	76.508	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.298	178	286780	2.144	ng	98
75) Fluoranthene	19.269	202	482886	3.015	ng	97
78) Pyrene	19.616	202	478673	3.282	ng	97
88) Benzo(b)fluoranthene	23.033	252	259147	2.183	ng	# 93

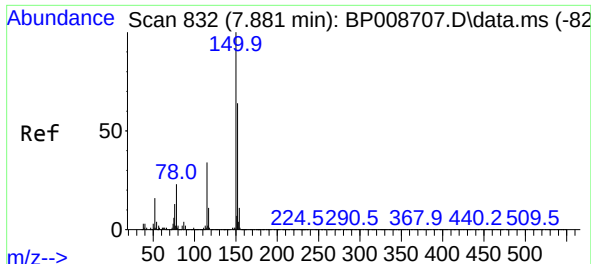
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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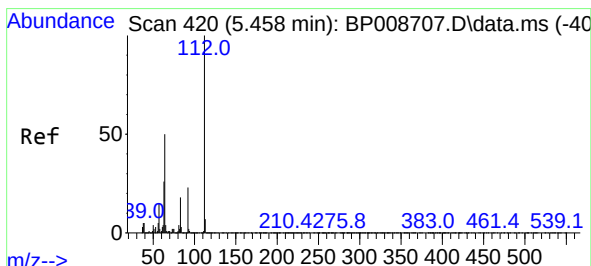
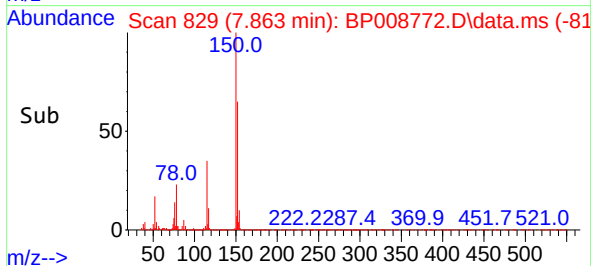
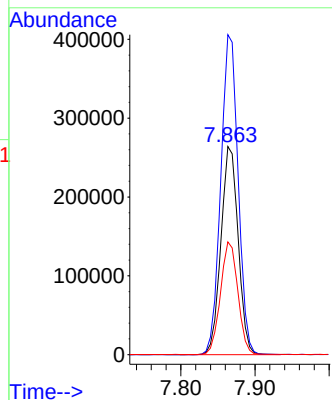
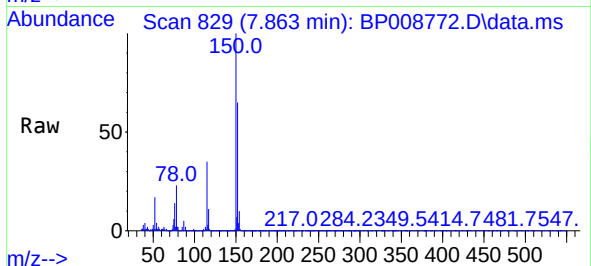




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

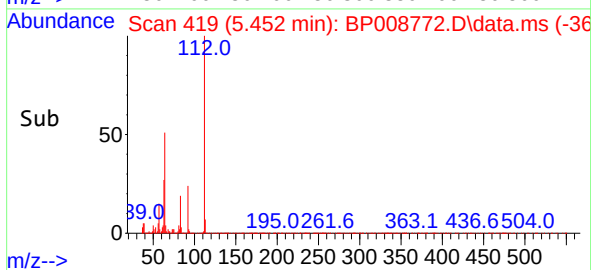
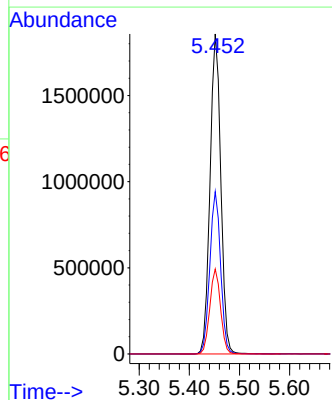
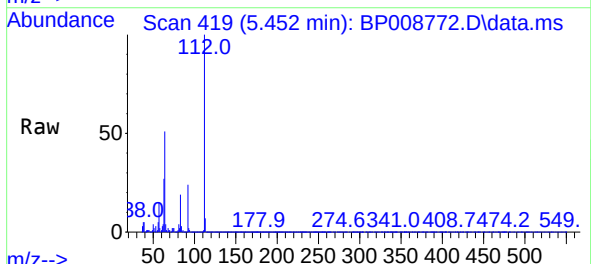
Instrument :
BNA_P
ClientSampleId :
TP-2S

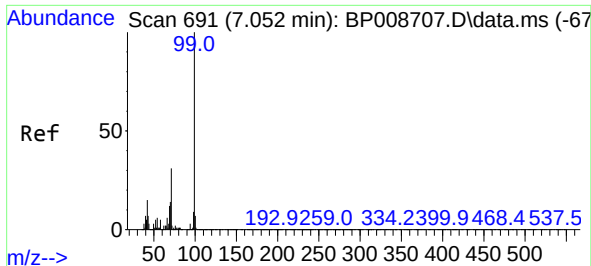
Tgt Ion:152 Resp: 426390
Ion Ratio Lower Upper
152 100
150 153.7 127.0 190.6
115 54.2 43.7 65.5



#5
2-Fluorophenol
Concen: 101.823 ng
RT: 5.452 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Tgt Ion:112 Resp: 2772487
Ion Ratio Lower Upper
112 100
64 50.7 39.7 59.5
63 26.6 20.0 30.0



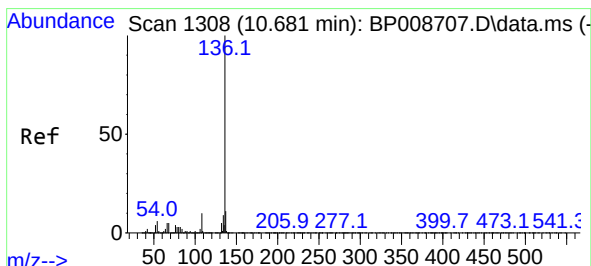
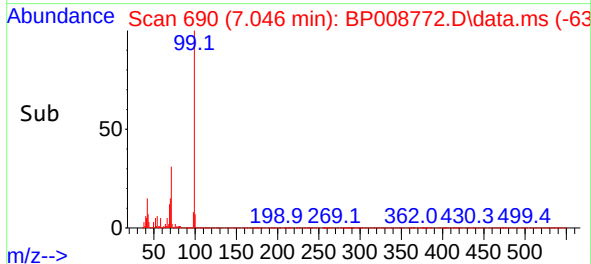
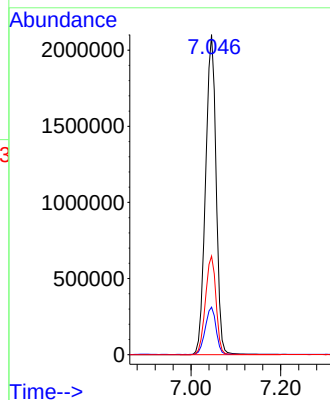
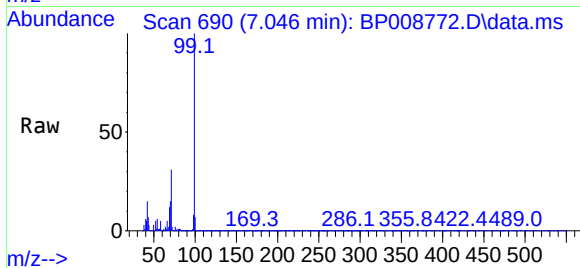


#7
Phenol-d6
Concen: 93.615 ng
RT: 7.046 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Instrument :
BNA_P
ClientSampleId :
TP-2S

Tgt Ion: 99 Resp: 3421894

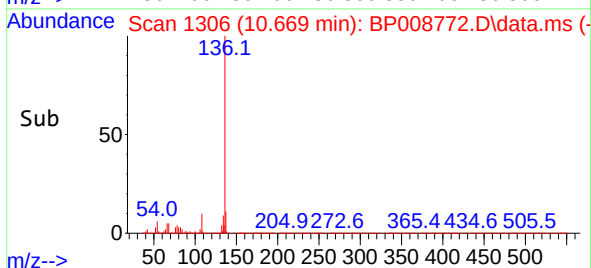
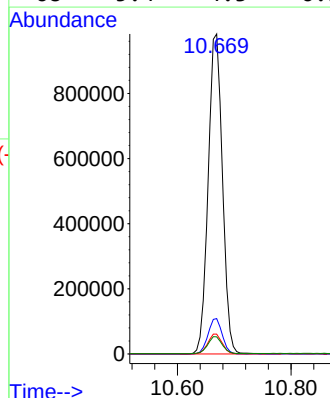
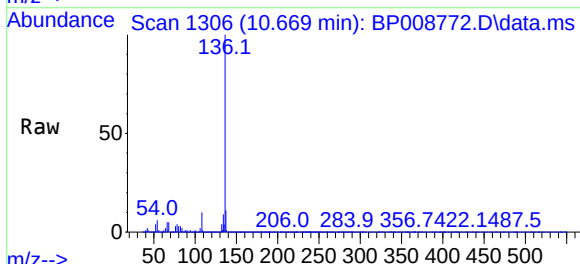
Ion	Ratio	Lower	Upper
99	100		
42	14.9	10.8	16.2
71	30.8	23.8	35.6

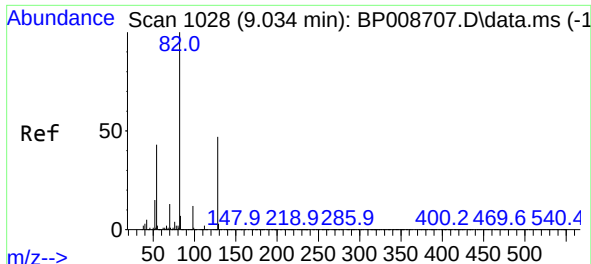


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Tgt Ion:136 Resp: 1706180

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.2	4.9	7.3
68	5.4	4.3	6.5





#23

Nitrobenzene-d5

Concen: 69.277 ng

RT: 9.022 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BP008772.D

Acq: 12 Jan 2022 14:07

Instrument :

BNA_P

ClientSampleId :

TP-2S

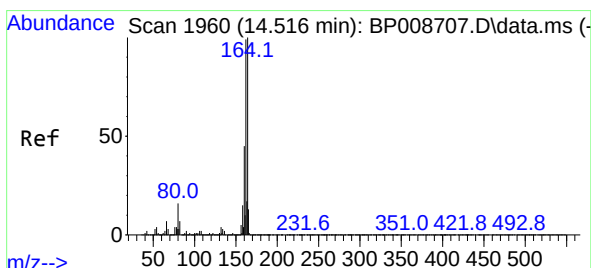
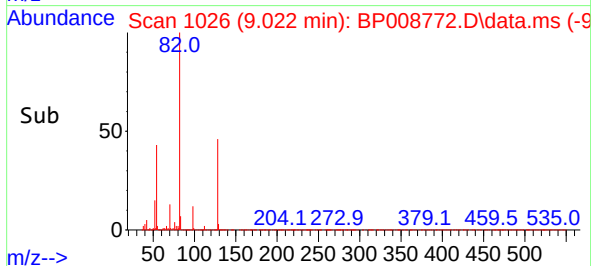
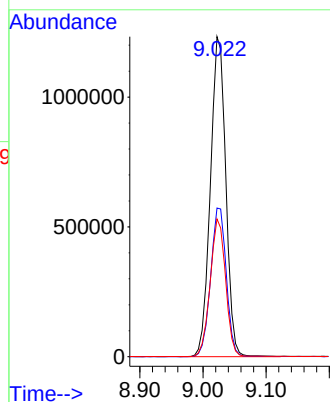
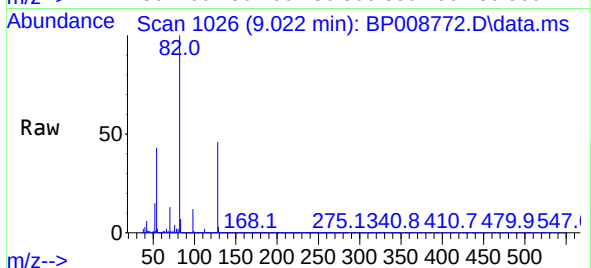
Tgt Ion: 82 Resp: 2087118

Ion Ratio Lower Upper

82 100

128 46.5 39.4 59.2

54 43.1 32.6 48.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1958

Delta R.T. -0.000 min

Lab File: BP008772.D

Acq: 12 Jan 2022 14:07

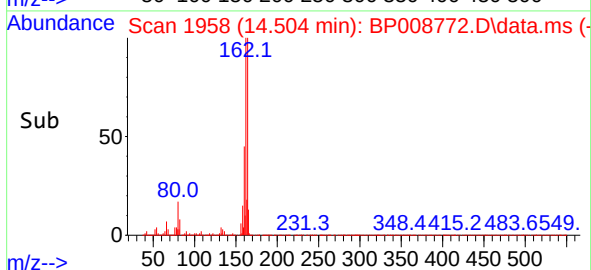
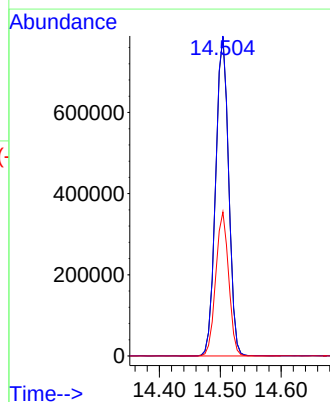
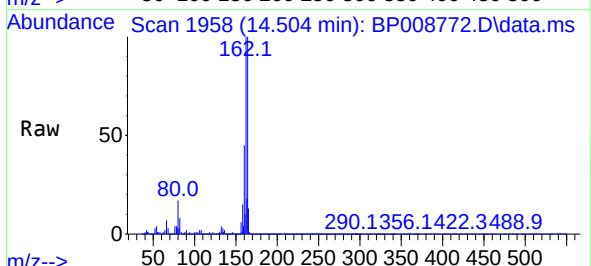
Tgt Ion:164 Resp: 1163040

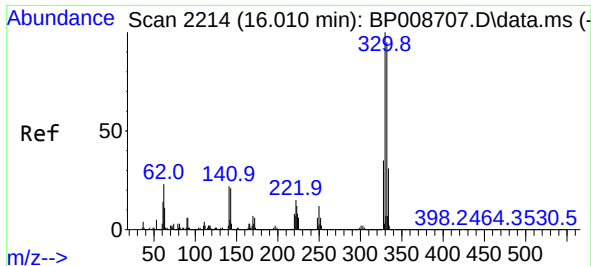
Ion Ratio Lower Upper

164 100

162 100.3 79.9 119.9

160 45.2 35.5 53.3

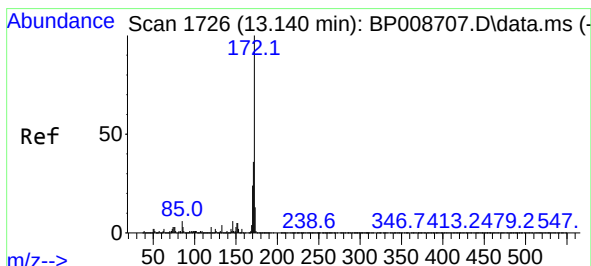
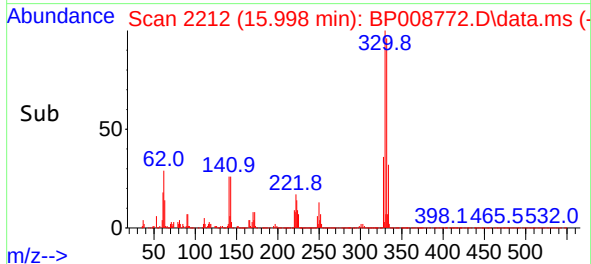
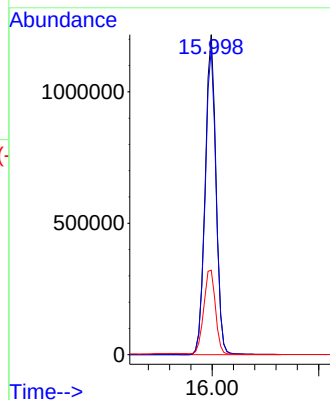
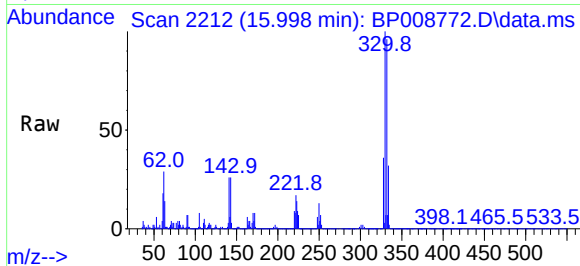




#42
2,4,6-Tribromophenol
Concen: 87.558 ng
RT: 15.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

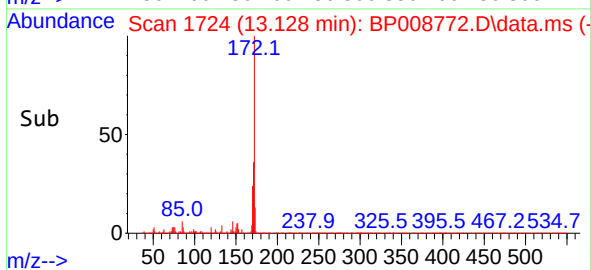
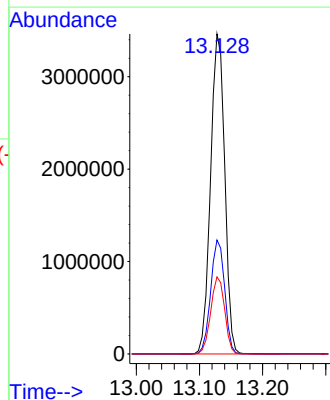
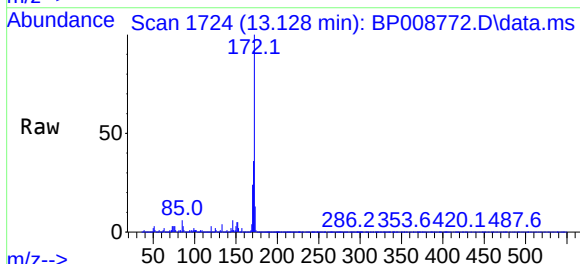
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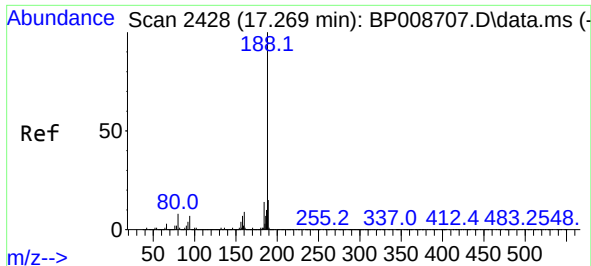
Tgt Ion:330 Resp: 1718037
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 28.5 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 65.241 ng
RT: 13.128 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Tgt Ion:172 Resp: 5397131
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 24.1 19.5 29.3

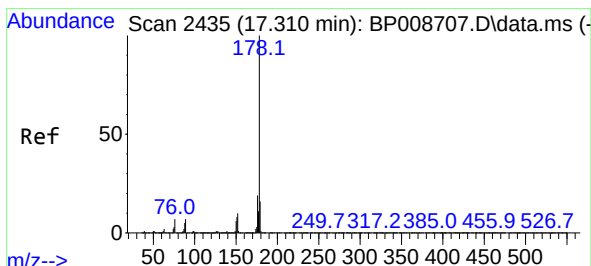
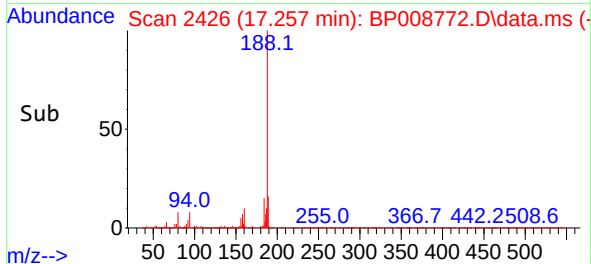
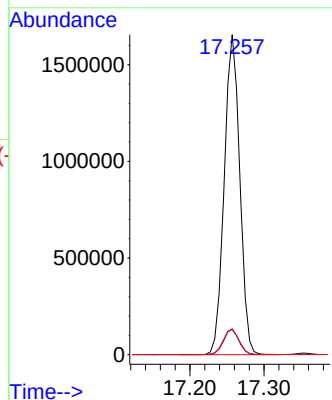
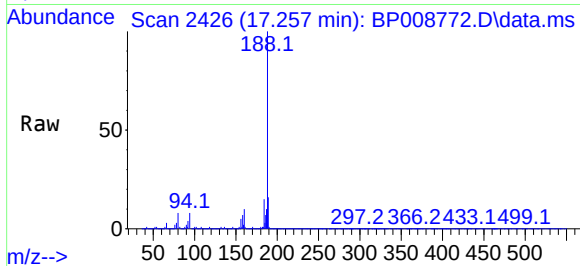




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

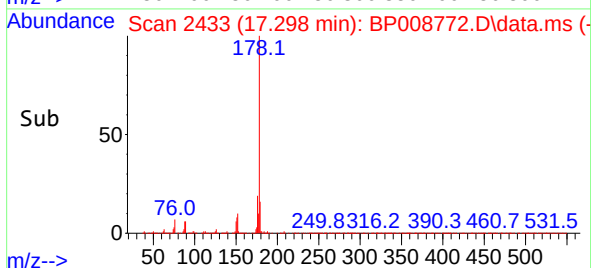
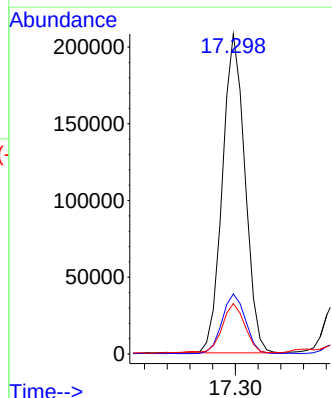
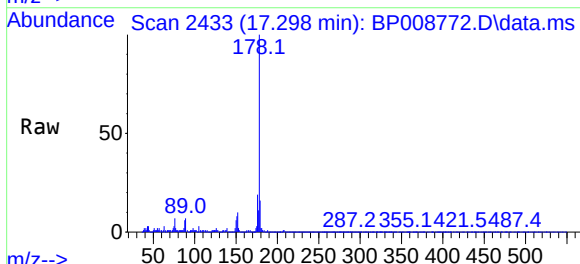
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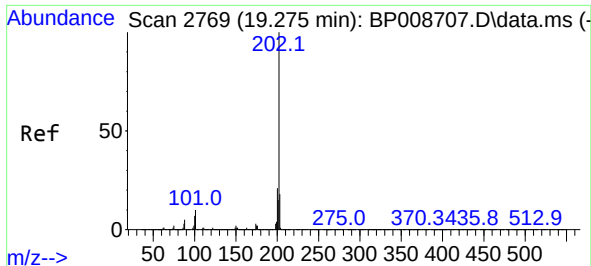
Tgt Ion:188 Resp: 2407490
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.1 7.2 10.8



#71
Phenanthrene
Concen: 2.144 ng
RT: 17.298 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Tgt Ion:178 Resp: 286780
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 15.8 13.0 19.4

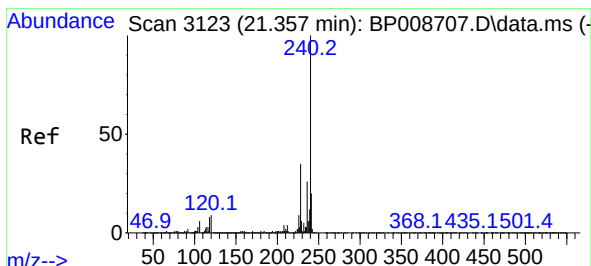
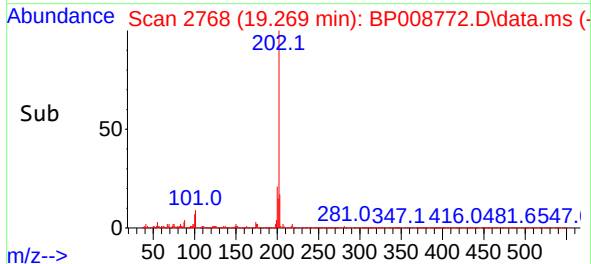
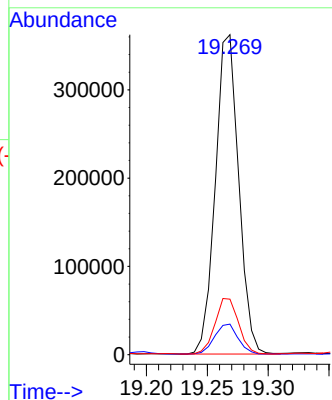
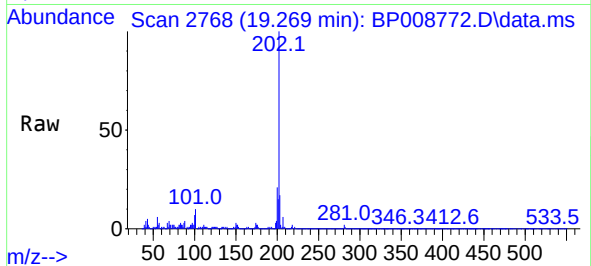




#75
Fluoranthene
Concen: 3.015 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

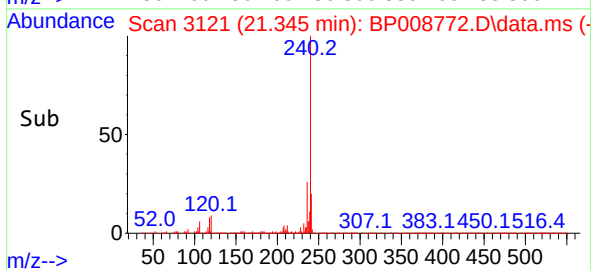
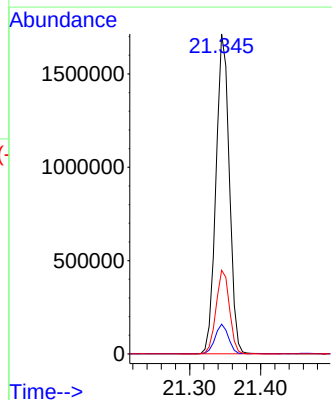
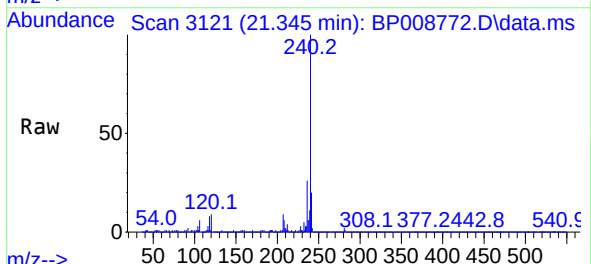
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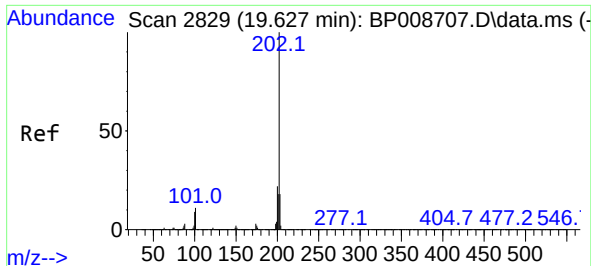
Tgt Ion:202 Resp: 482886
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 17.4 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Tgt Ion:240 Resp: 2230378
Ion Ratio Lower Upper
240 100
120 9.3 7.7 11.5
236 26.2 21.2 31.8

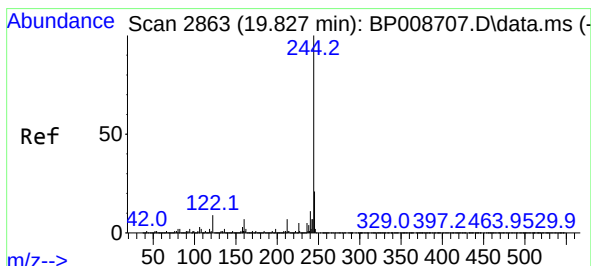
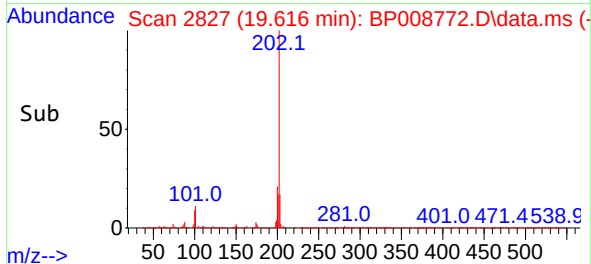
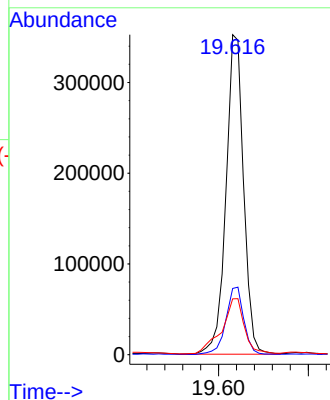
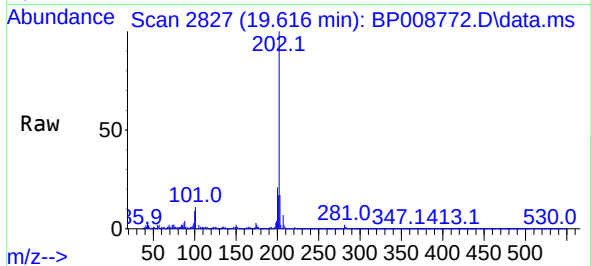




#78
Pyrene
Concen: 3.282 ng
RT: 19.616 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

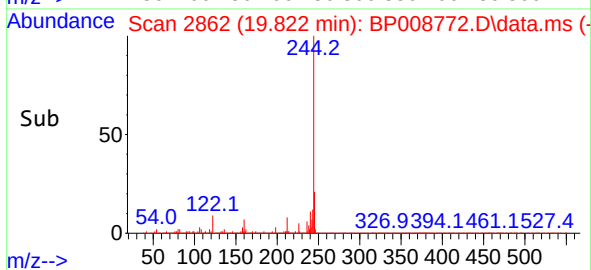
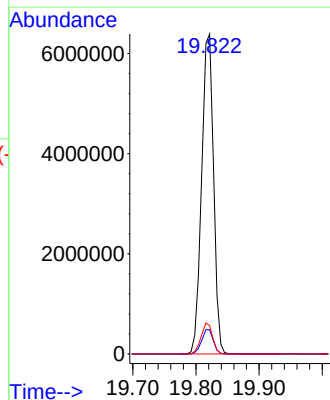
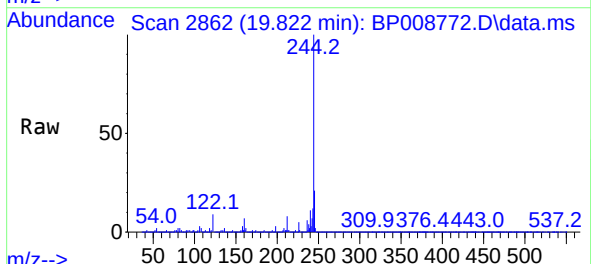
Instrument :
BNA_P
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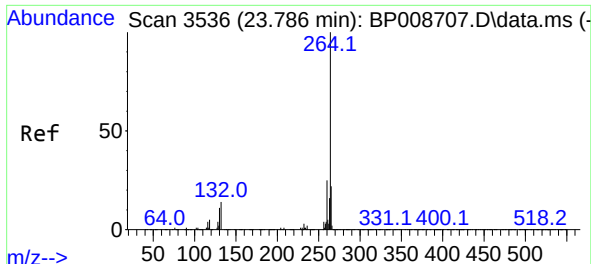
Tgt Ion:202 Resp: 478673
Ion Ratio Lower Upper
202 100
200 20.7 18.0 27.0
203 17.5 15.0 22.6



#79
Terphenyl-d14
Concen: 76.508 ng
RT: 19.822 min Scan# 2862
Delta R.T. 0.006 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Tgt Ion:244 Resp: 8373628
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 8.9 9.2 13.8

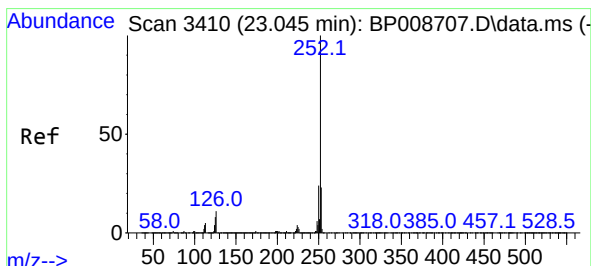
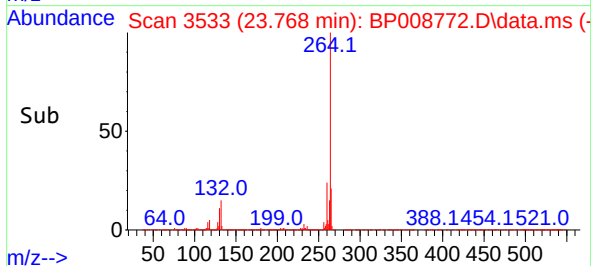
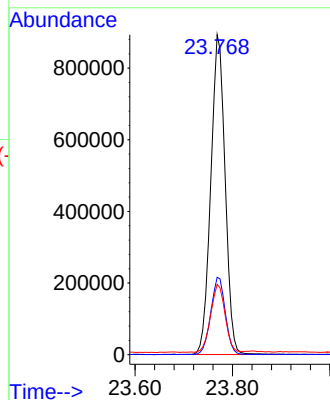
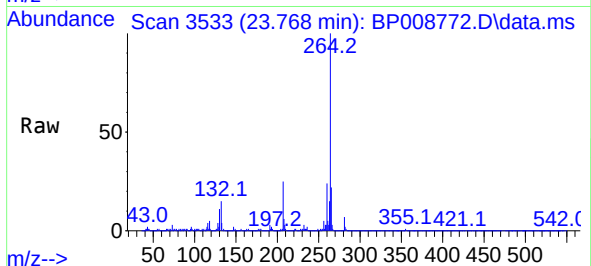




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Instrument :
BNA_P
ClientSampleId :
TP-2S

Tgt Ion:264 Resp: 1817133
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 22.0 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 2.183 ng
RT: 23.033 min Scan# 3408
Delta R.T. 0.006 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Tgt Ion:252 Resp: 259147
Ion Ratio Lower Upper
252 100
253 24.3 18.0 27.0
125 13.8 6.9 10.3#

