

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120221\
 Data File : BP008199.D
 Acq On : 02 Dec 2021 19:26
 Operator : CG/JU
 Sample : M4893-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-1-120121

Quant Time: Dec 03 03:37:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 01 12:06:05 2021
 Response via : Initial Calibration

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

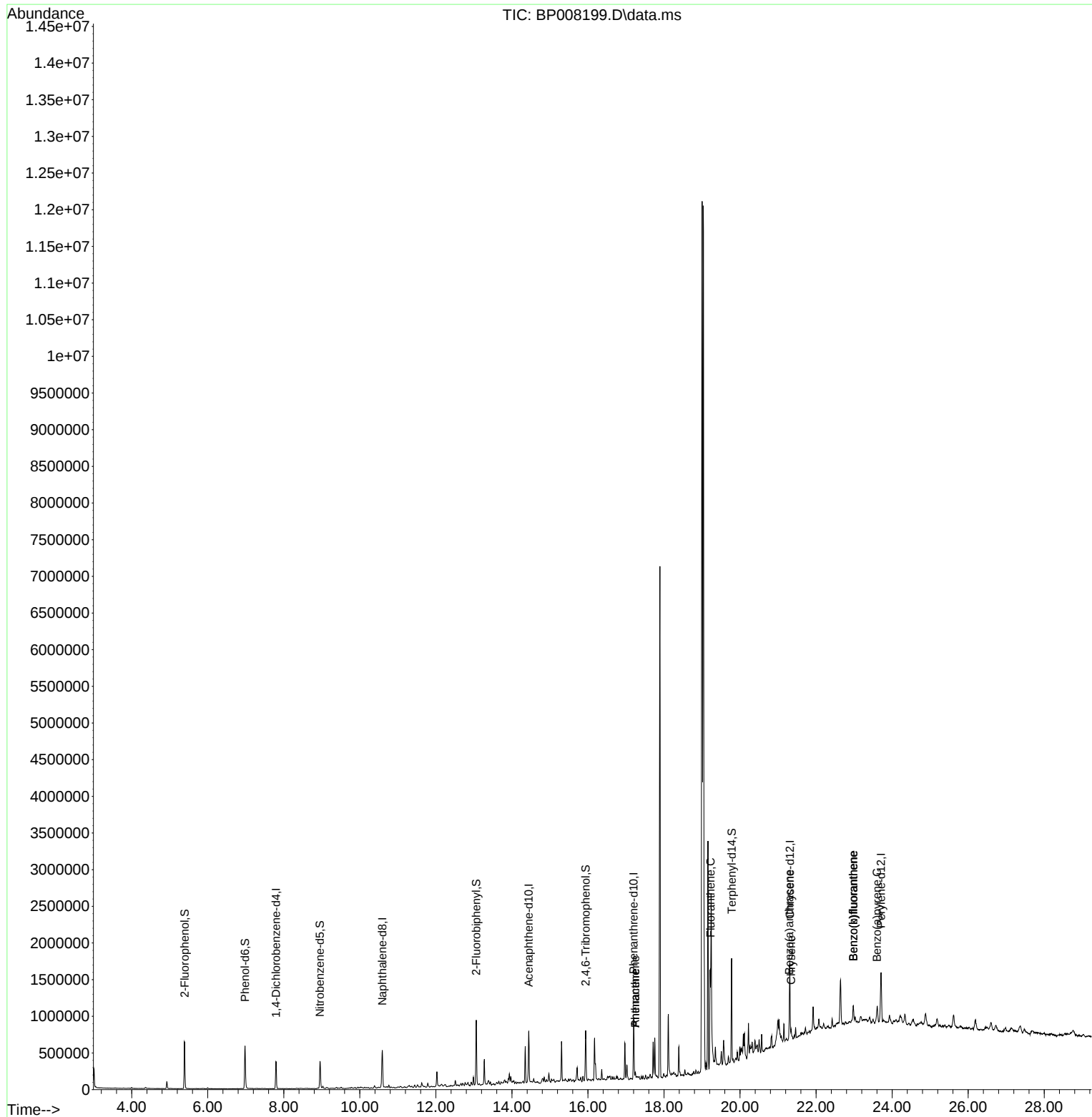
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	97606	20.000	ng	-0.02
21) Naphthalene-d8	10.593	136	370652	20.000	ng	-0.02
39) Acenaphthene-d10	14.439	164	233890	20.000	ng	-0.02
64) Phenanthrene-d10	17.204	188	476269	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	486504	20.000	ng	0.00
86) Perylene-d12	23.709	264	533127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	256929	42.383	ng	-0.01
7) Phenol-d6	6.981	99	329236	40.232	ng	-0.02
23) Nitrobenzene-d5	8.951	82	223761	27.452	ng	-0.02
42) 2,4,6-Tribromophenol	15.939	330	126260	42.234	ng	-0.02
45) 2-Fluorobiphenyl	13.063	172	458536	28.477	ng	-0.02
79) Terphenyl-d14	19.780	244	661922	28.435	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.940	77	130	Below Cal	#	35
71) Phenanthrene	17.245	178	56417	2.244	ng	96
72) Anthracene	17.245	178	56417	2.261	ng	96
75) Fluoranthene	19.227	202	97014	2.864	ng	95
81) Benzo(a)anthracene	21.292	228	66995	2.078	ng	# 88
83) Chrysene	21.345	228	66143	2.156	ng	# 91
88) Benzo(b)fluoranthene	22.980	252	90141	2.805	ng	# 73
89) Benzo(k)fluoranthene	22.980	252	90141	2.865	ng	# 72
90) Benzo(a)pyrene	23.604	252	70128	2.553	ng	# 79

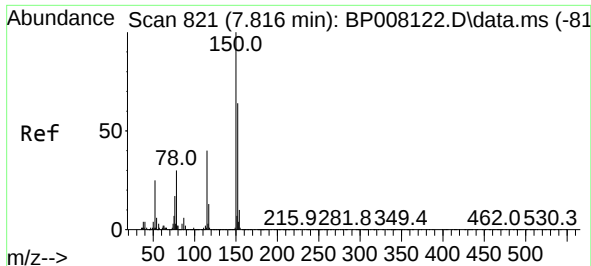
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120221\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_P
ClientSampleId :
EO-1-120121

Quant Time: Dec 03 03:37:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 01 12:06:05 2021
Response via : Initial Calibration

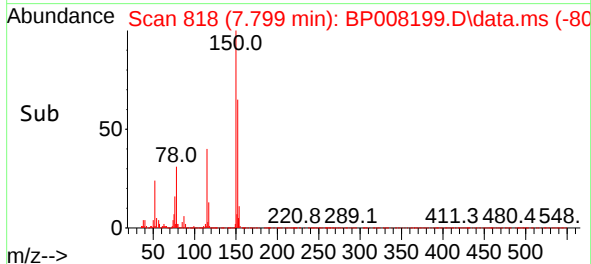
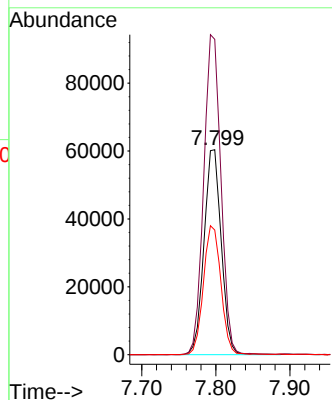
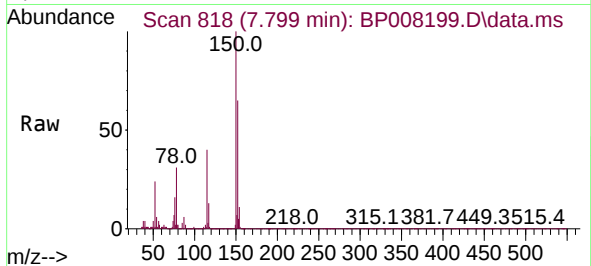




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

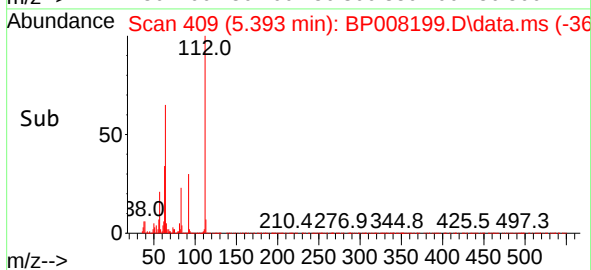
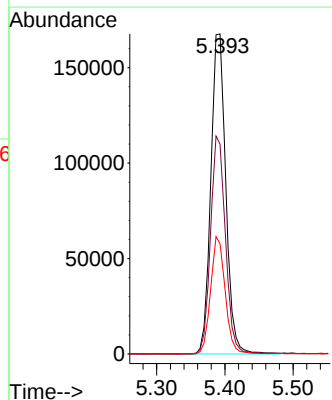
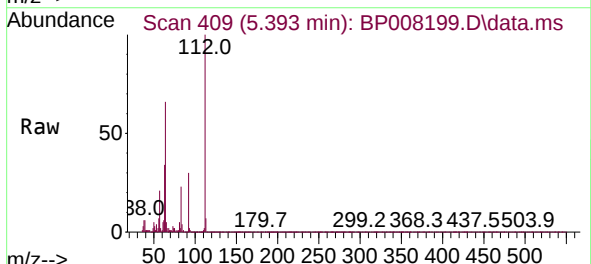
Instrument :
BNA_P
ClientSampleId :
EO-1-120121

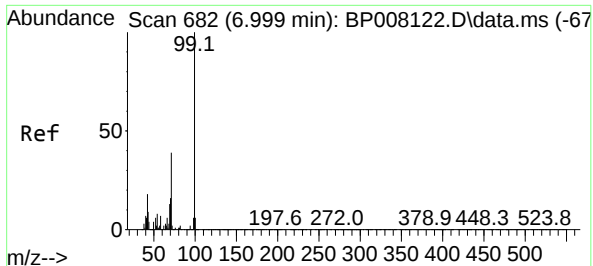
Tgt Ion:152 Resp: 97606
Ion Ratio Lower Upper
152 100
150 153.9 125.7 188.5
115 60.8 50.7 76.1



#5
2-Fluorophenol
Concen: 42.383 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion:112 Resp: 256929
Ion Ratio Lower Upper
112 100
64 65.5 53.4 80.2
63 34.4 27.8 41.8

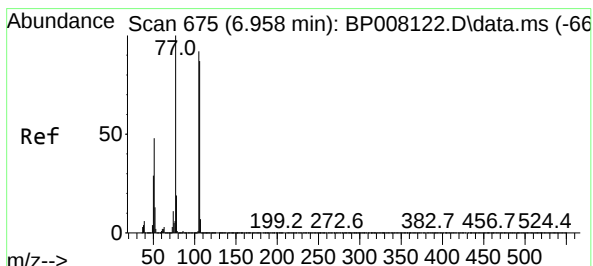
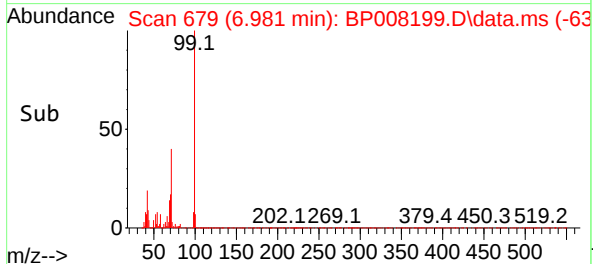
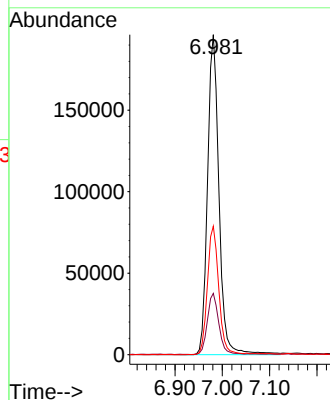
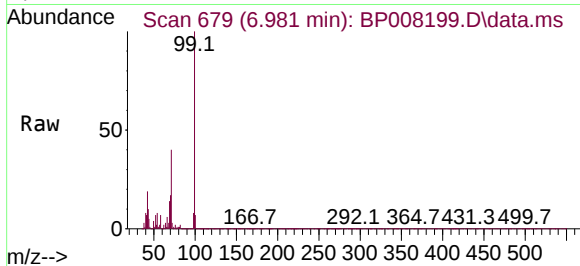




#7
Phenol-d6
Concen: 40.232 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

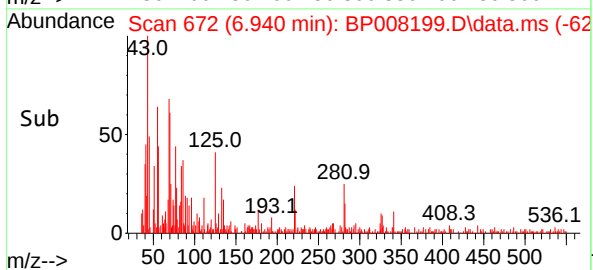
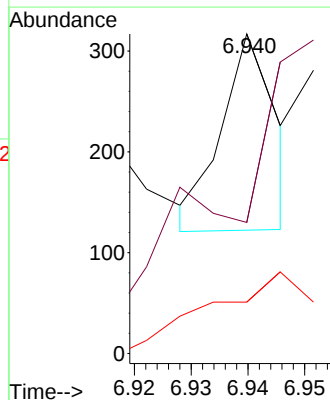
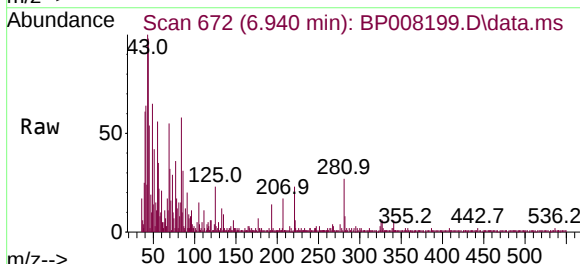
Instrument :
BNA_P
ClientSampleId :
EO-1-120121

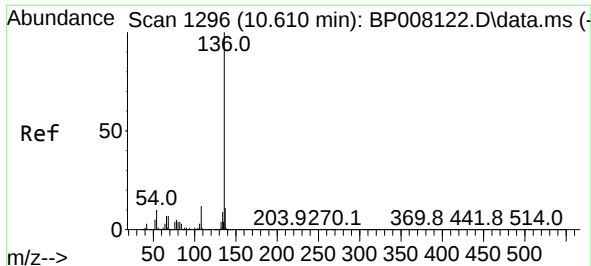
Tgt Ion: 99 Resp: 329236
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 40.2 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.940 min Scan# 672
Delta R.T. -0.018 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion: 77 Resp: 130
Ion Ratio Lower Upper
77 100
105 41.0 71.8 111.8#
106 16.1 67.3 107.3#

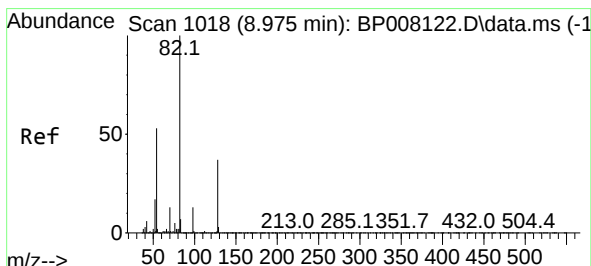
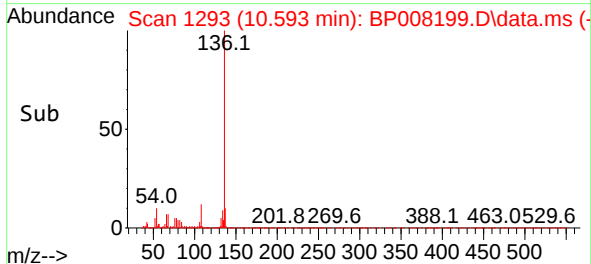
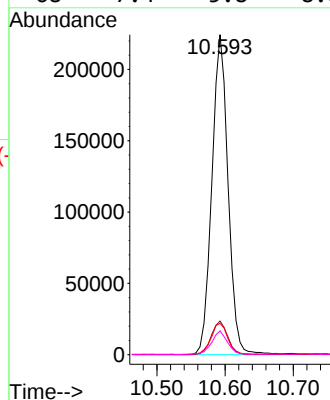
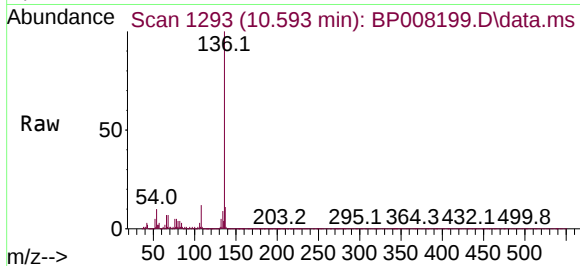




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

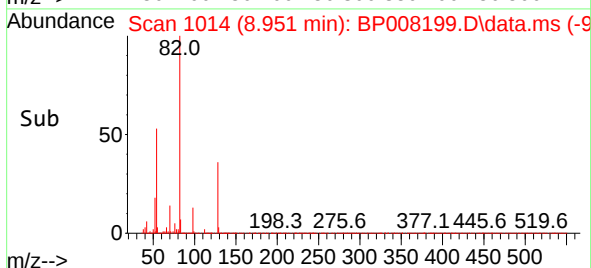
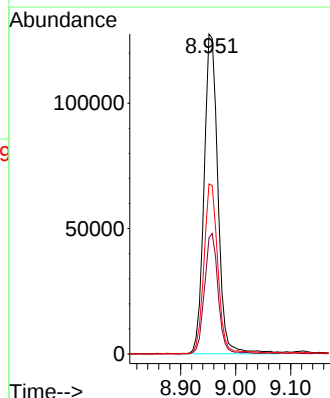
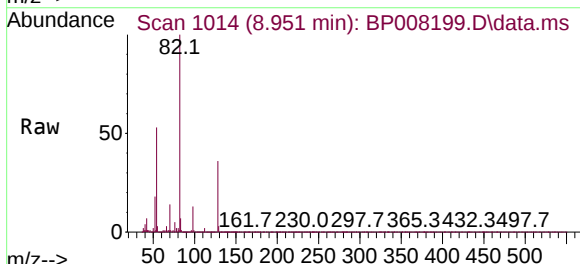
Instrument :
BNA_P
ClientSampleId :
EO-1-120121

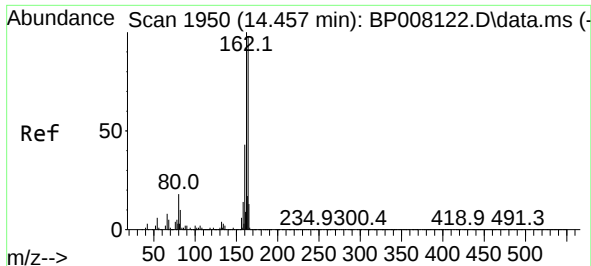
Tgt Ion:	136	Resp:	370652
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	9.7	8.2	12.4
68	7.4	5.8	8.8



#23
Nitrobenzene-d5
Concen: 27.452 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.024 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion:	82	Resp:	223761
Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.6	44.4
54	53.1	42.7	64.1

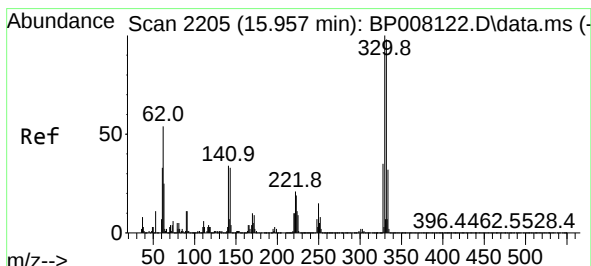
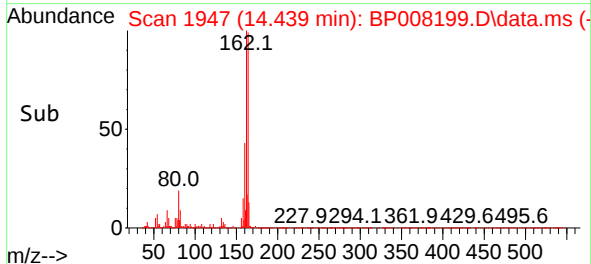
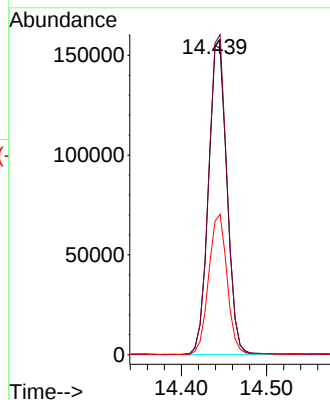
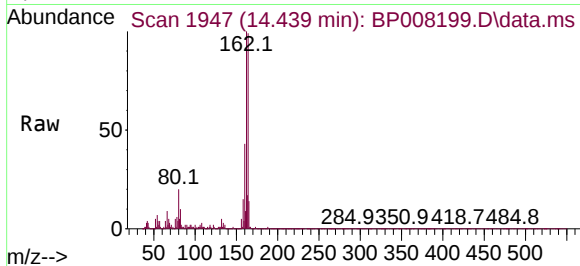




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

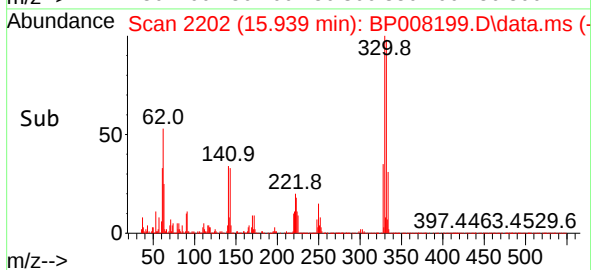
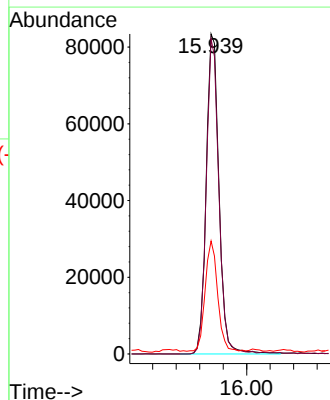
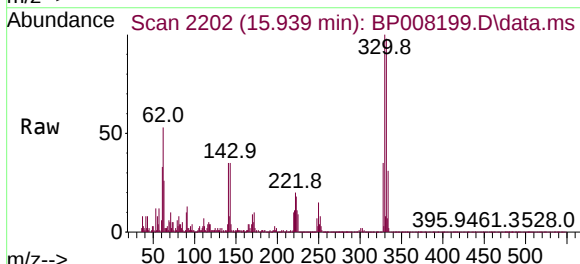
Instrument :
BNA_P
ClientSampleId :
EO-1-120121

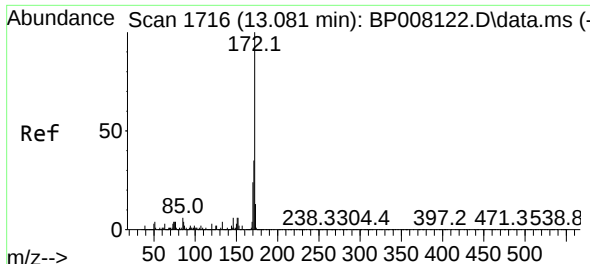
Tgt Ion:164 Resp: 233890
Ion Ratio Lower Upper
164 100
162 100.7 81.9 122.9
160 43.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 42.234 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion:330 Resp: 126260
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 33.9 28.4 42.6

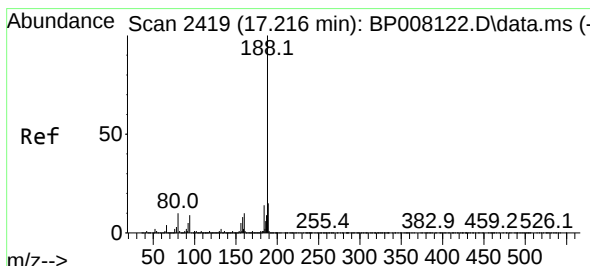
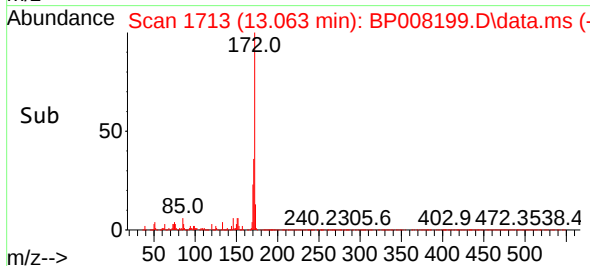
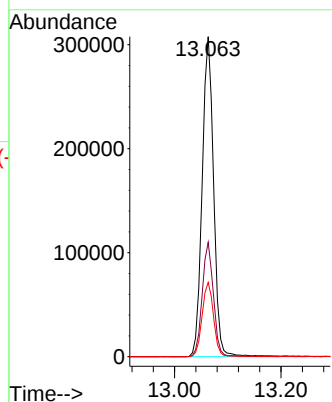
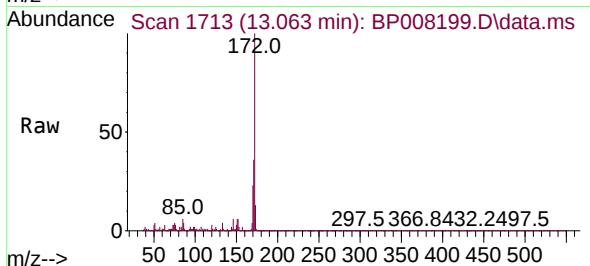




#45
2-Fluorobiphenyl
Concen: 28.477 ng
RT: 13.063 min Scan# 1716
Delta R.T. -0.018 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

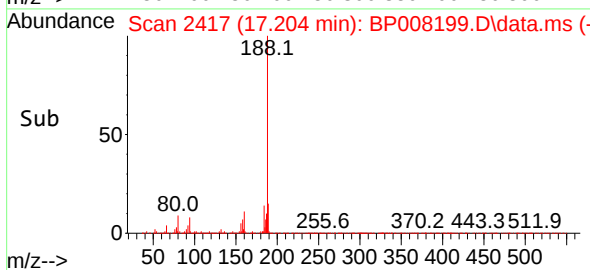
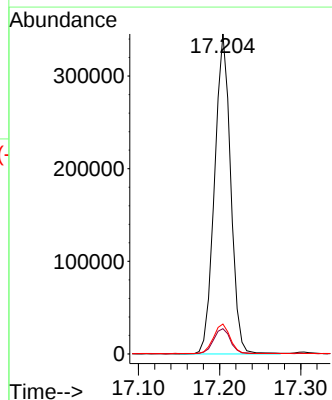
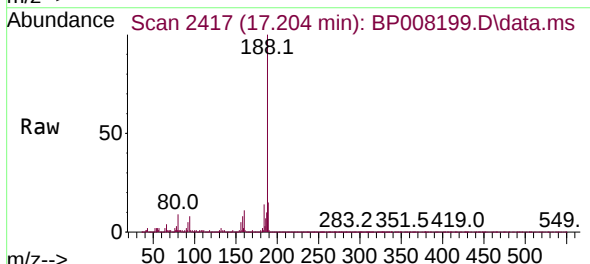
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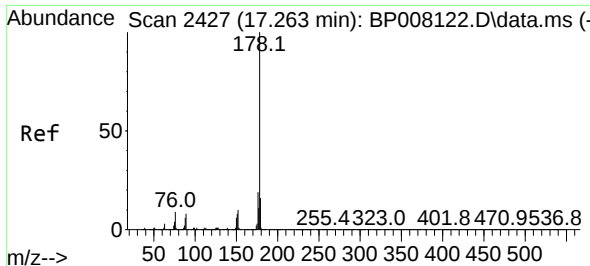
Tgt Ion:172 Resp: 458536
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 23.2 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion:188 Resp: 476269
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.3 8.2 12.4

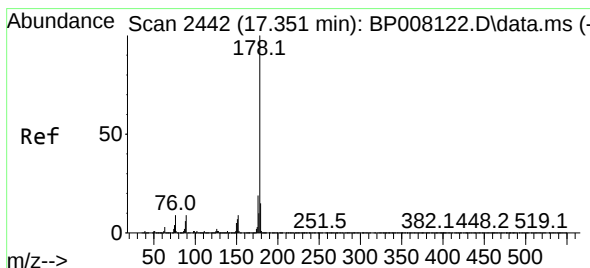
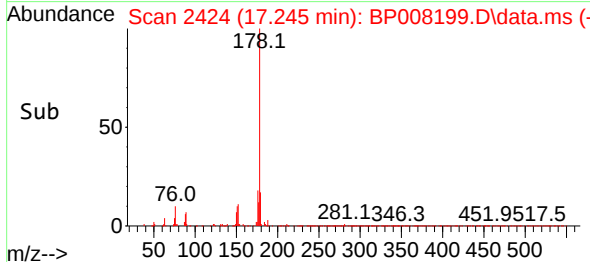
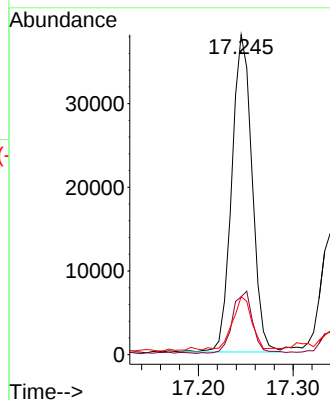
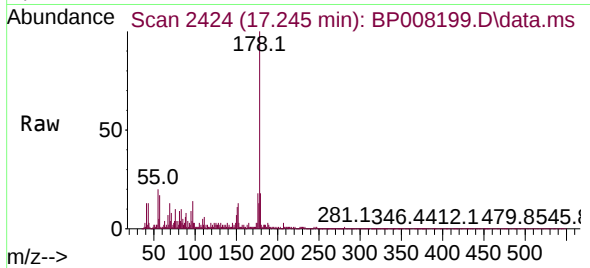




#71
Phenanthrene
Concen: 2.244 ng
RT: 17.245 min Scan# 2427
Delta R.T. -0.018 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

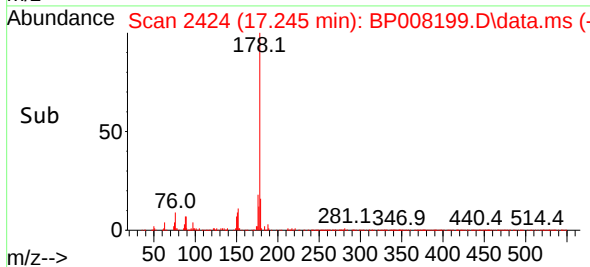
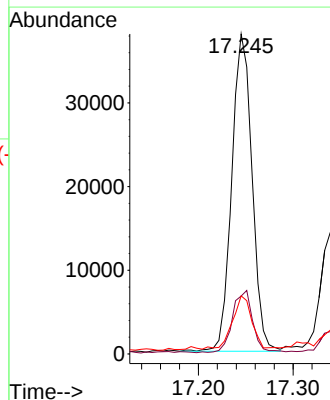
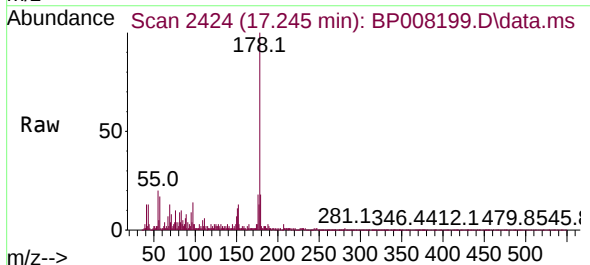
Instrument :
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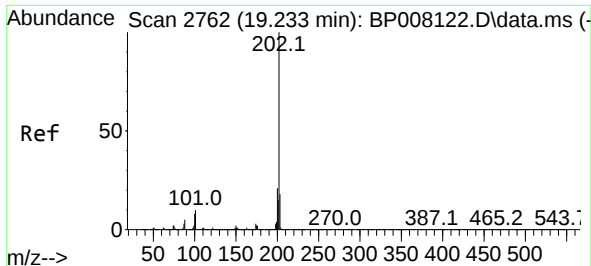
Tgt Ion:	178	Resp:	56417
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.3	22.9
179	18.1	12.5	18.7



#72
Anthracene
Concen: 2.261 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.106 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion:	178	Resp:	56417
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.1	22.7
179	18.1	12.3	18.5

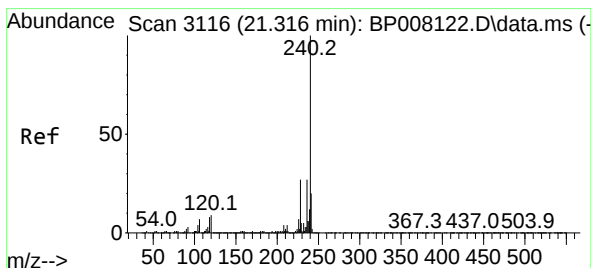
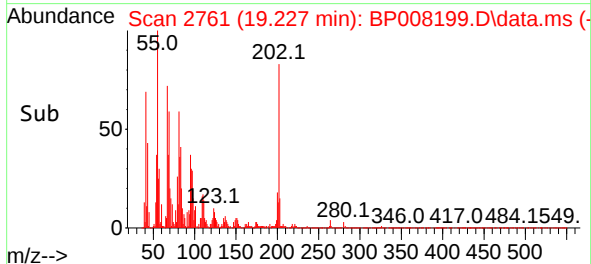
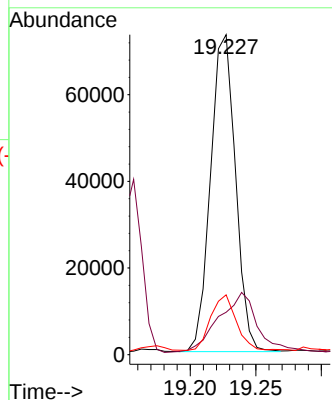
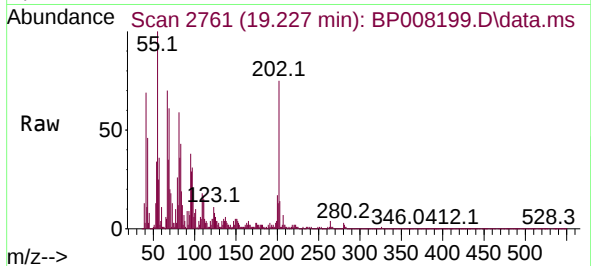




#75
Fluoranthene
Concen: 2.864 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

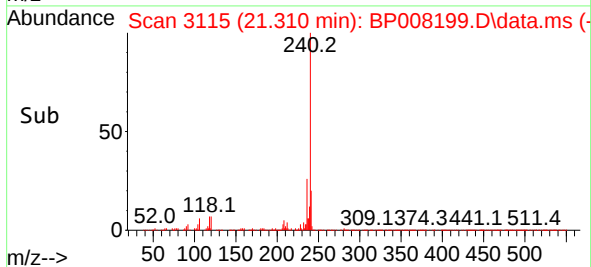
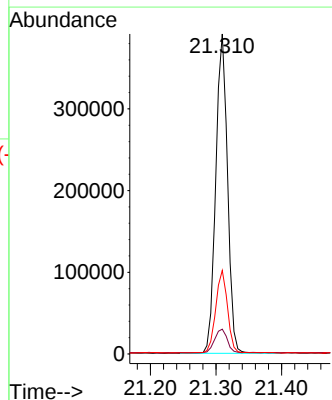
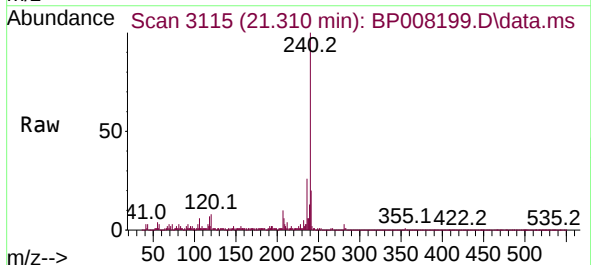
Instrument :
BNA_P
ClientSampleId :
EO-1-120121

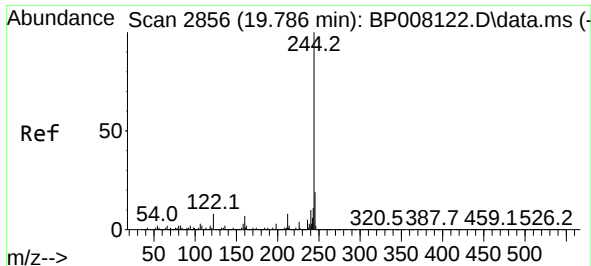
Tgt Ion:	202	Resp:	97014
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	29.8
203	18.7	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion:	240	Resp:	486504
Ion Ratio	Lower	Upper	
240	100		
120	7.8	7.3	10.9
236	26.1	21.4	32.2

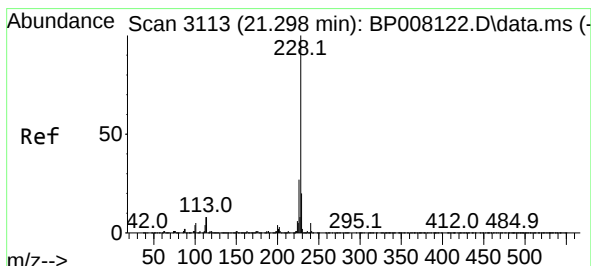
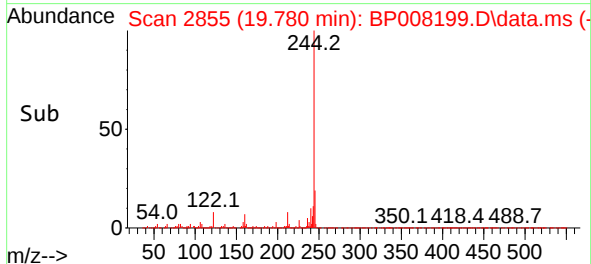
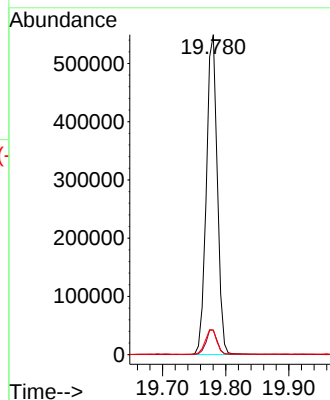
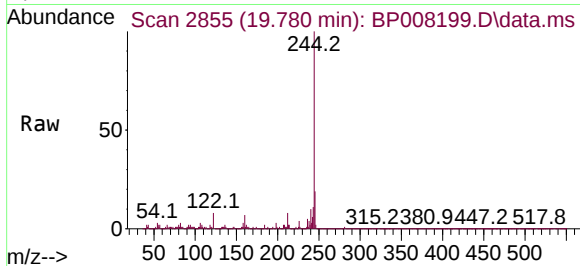




#79
 Terphenyl-d14
 Concen: 28.435 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008199.D
 Acq: 02 Dec 2021 19:26

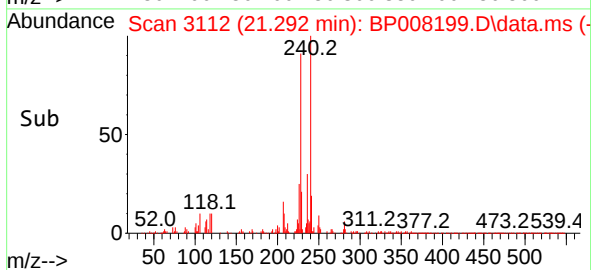
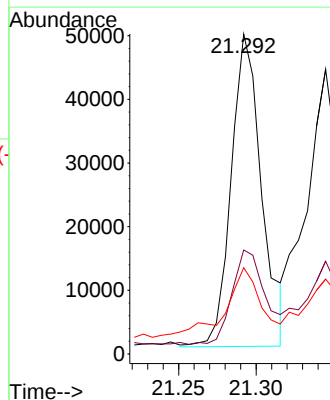
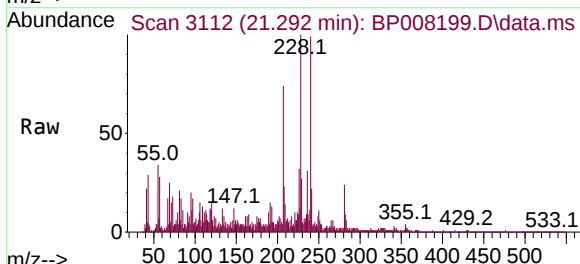
Instrument :
 BNA_P
 ClientSampleId :
 EO-1-120121

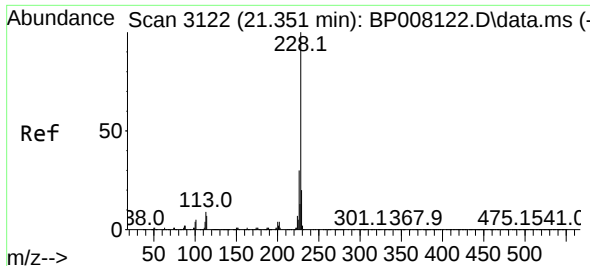
Tgt Ion:244	Resp:	661922	
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	7.7	6.6	9.8



#81
 Benzo(a)anthracene
 Concen: 2.078 ng
 RT: 21.292 min Scan# 3112
 Delta R.T. -0.006 min
 Lab File: BP008199.D
 Acq: 02 Dec 2021 19:26

Tgt	Ion:228	Resp:	66995
Ion	Ratio	Lower	Upper
228	100		
226	32.5	21.9	32.9
229	27.0	15.9	23.9#

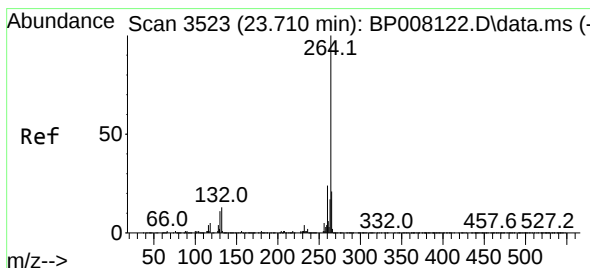
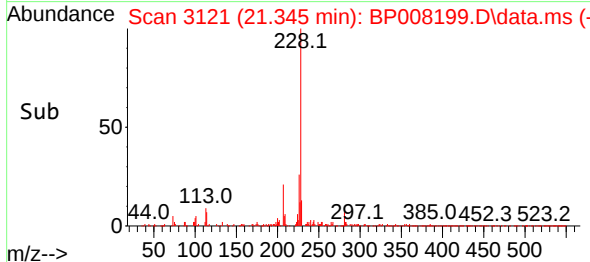
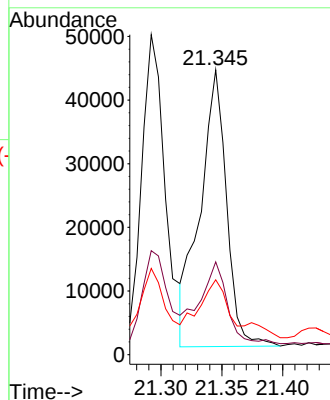
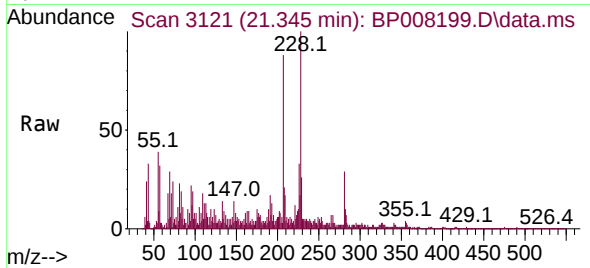




#83
Chrysene
Concen: 2.156 ng
RT: 21.345 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

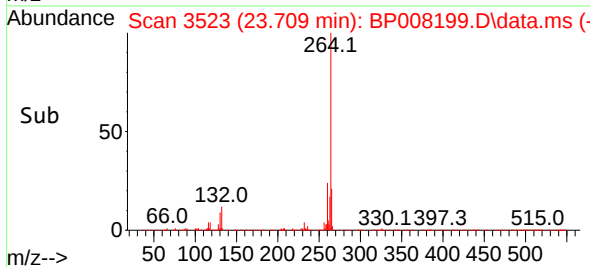
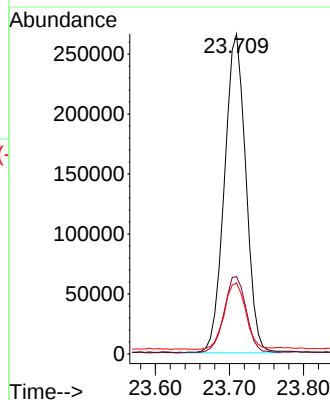
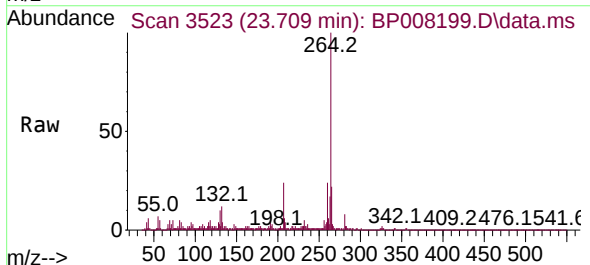
Instrument :
BNA_P
ClientSampleId :
EO-1-120121

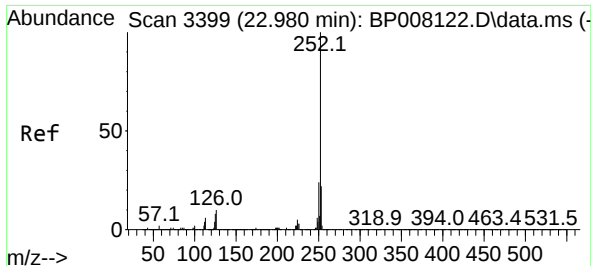
Tgt Ion:228	Resp: 66143
Ion Ratio	Lower Upper
228 100	
226 32.6	24.0 36.0
229 26.3	15.8 23.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 3523
Delta R.T. -0.000 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion:264	Resp: 533127
Ion Ratio	Lower Upper
264 100	
260 24.1	19.4 29.2
265 22.2	17.6 26.4

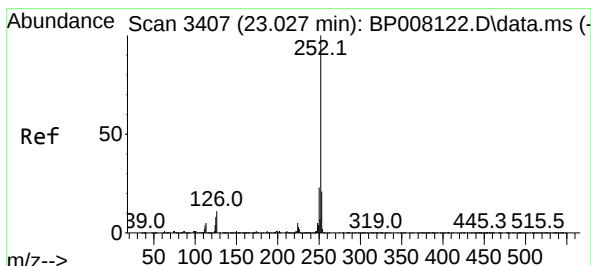
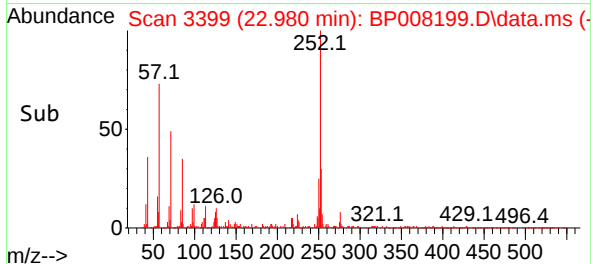
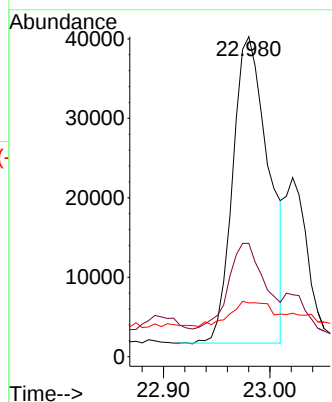
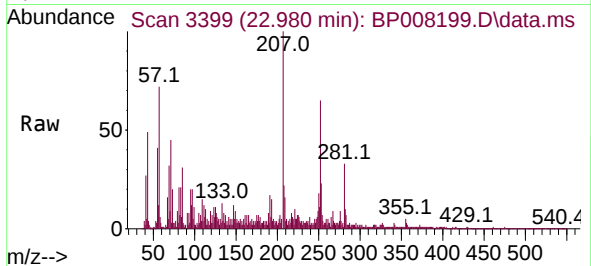




#88
Benzo(b)fluoranthene
Concen: 2.805 ng
RT: 22.980 min Scan# 3399
Delta R.T. -0.000 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

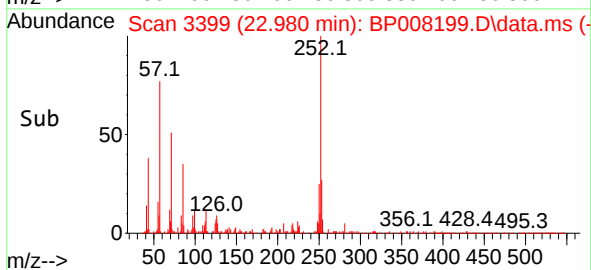
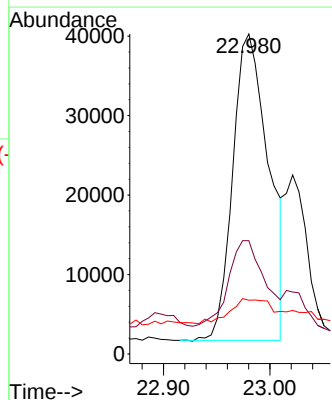
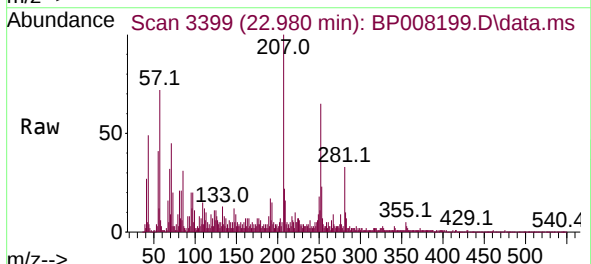
Instrument :
BNA_P
ClientSampleId :
EO-1-120121

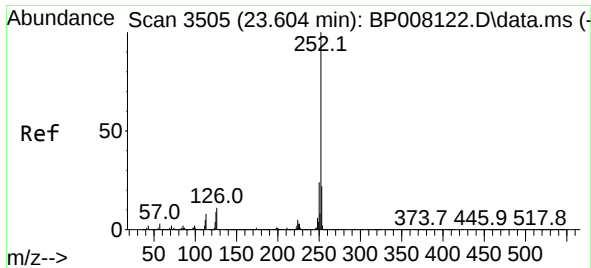
Tgt Ion:252 Resp: 90141
Ion Ratio Lower Upper
252 100
253 35.4 17.7 26.5#
125 16.8 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.865 ng
RT: 22.980 min Scan# 3399
Delta R.T. -0.047 min
Lab File: BP008199.D
Acq: 02 Dec 2021 19:26

Tgt Ion:252 Resp: 90141
Ion Ratio Lower Upper
252 100
253 35.4 17.3 25.9#
125 16.8 6.5 9.7#





#90

Benzo(a)pyrene

Concen: 2.553 ng

RT: 23.604 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP008199.D

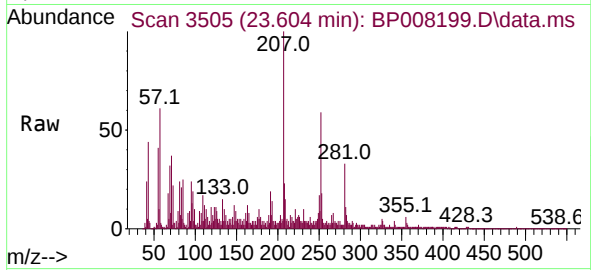
Acq: 02 Dec 2021 19:26

Instrument :

BNA_P

ClientSampleId :

EO-1-120121



Tgt Ion:252 Resp: 70128

Ion Ratio Lower Upper

252 100

253 30.7 17.6 26.4#

125 19.0 7.4 11.0#

