

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
 Data File : BP005167.D
 Acq On : 02 Apr 2021 19:35
 Operator : CG/JU
 Sample : M1854-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1D-(4-10)

Quant Time: Apr 02 23:31:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 12:23:57 2021
 Response via : Initial Calibration

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

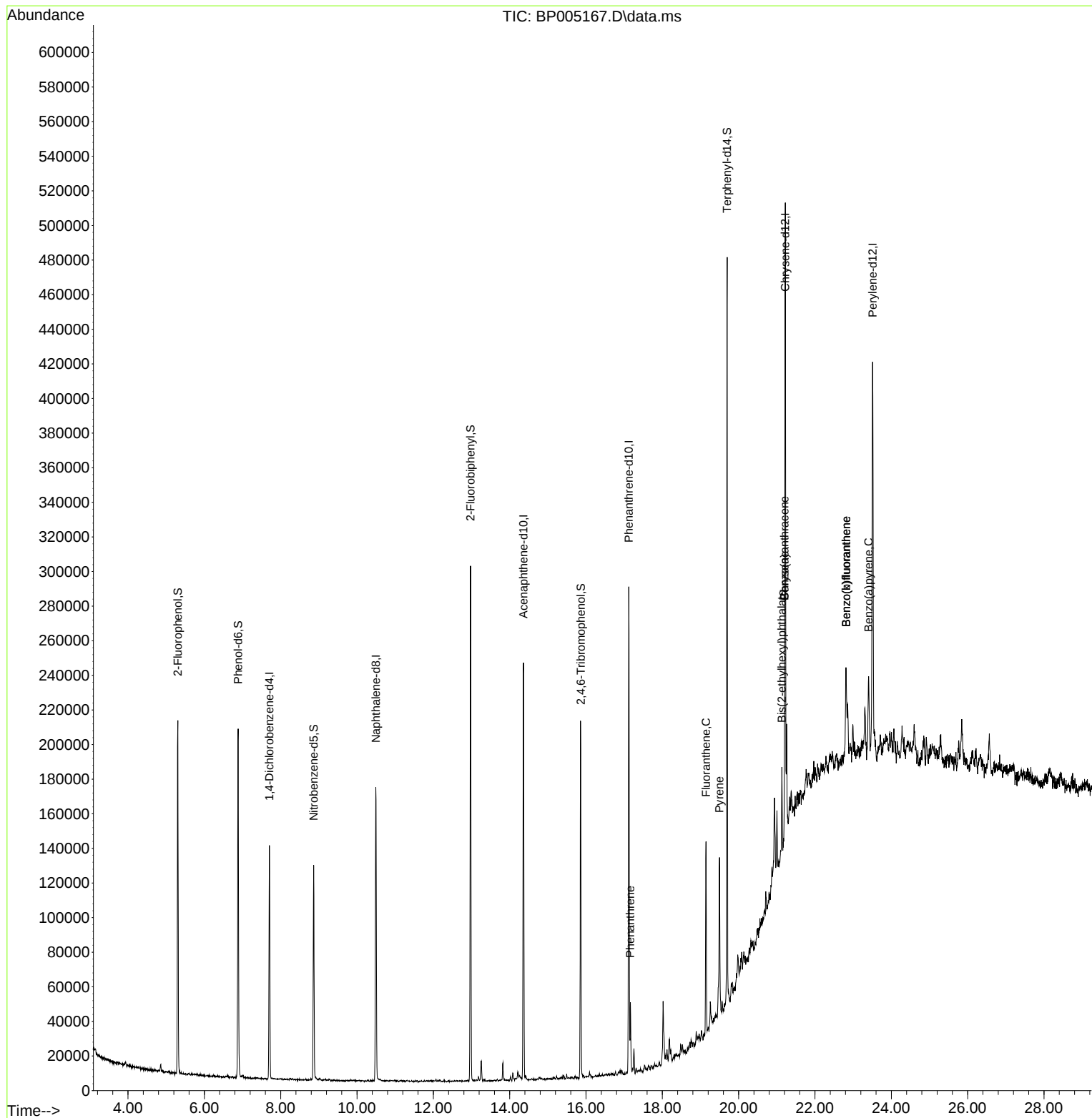
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	34434	20.00	ng	# 0.00
21) Naphthalene-d8	10.493	136	134420	20.00	ng	# 0.00
39) Acenaphthene-d10	14.363	164	82312	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	160560	20.00	ng	# 0.00
76) Chrysene-d12	21.221	240	156478	20.00	ng	0.00
86) Perylene-d12	23.510	264	160921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	86699	38.75	ng	0.00
7) Phenol-d6	6.887	99	117194	36.57	ng	0.00
23) Nitrobenzene-d5	8.863	82	75819	24.20	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	34423	32.10	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	143575	23.60	ng	0.00
79) Terphenyl-d14	19.698	244	192529	22.40	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.163	178	21326	2.29	ng	98
75) Fluoranthene	19.145	202	61414	5.61	ng	98
78) Pyrene	19.498	202	52819	4.91	ng	99
81) Benzo(a)anthracene	21.204	228	36160	3.40	ng	99
83) Chrysene	21.204	228	36160	3.47	ng	95
84) Bis(2-ethylhexyl)phtha...	21.133	149	15496	2.65	ng	# 89
88) Benzo(b)fluoranthene	22.815	252	39789	3.48	ng	# 89
89) Benzo(k)fluoranthene	22.815	252	39789	3.63	ng	# 90
90) Benzo(a)pyrene	23.404	252	27211	2.66	ng	# 92

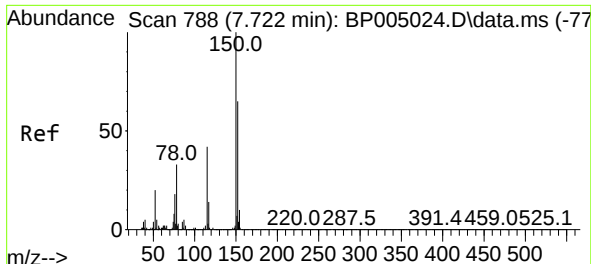
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
Data File : BP005167.D
Acq On : 02 Apr 2021 19:35
Operator : CG/JU
Sample : M1854-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1D-(4-10)

Quant Time: Apr 02 23:31:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 12:23:57 2021
Response via : Initial Calibration

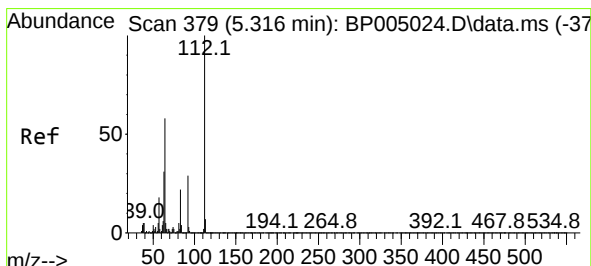
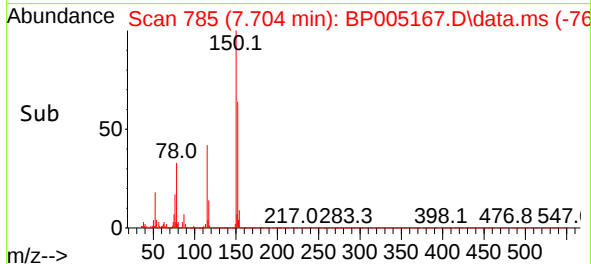
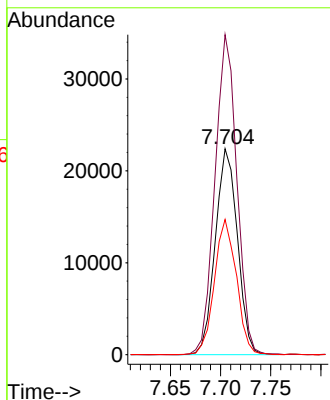
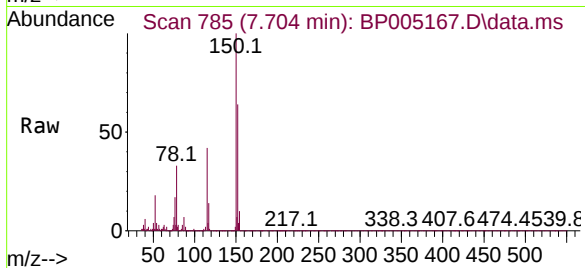




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.704 min Scan# 785
Delta R.T. -0.001 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

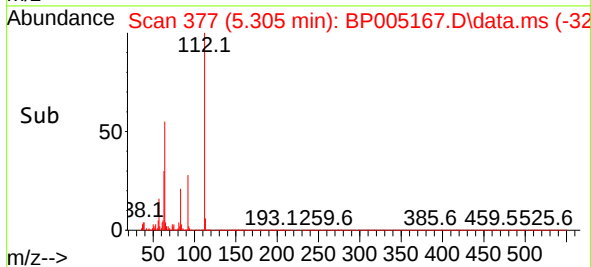
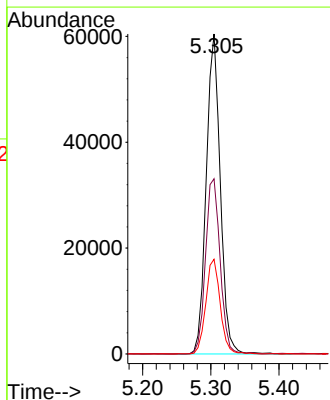
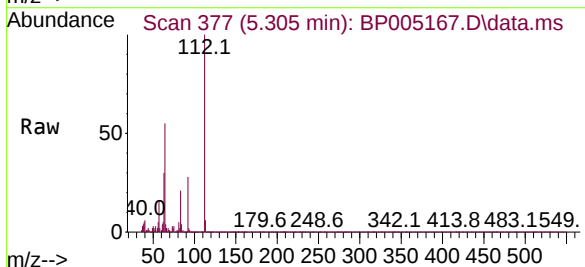
Instrument :
BNA_P
ClientSampleId :
TP-1D-(4-10)

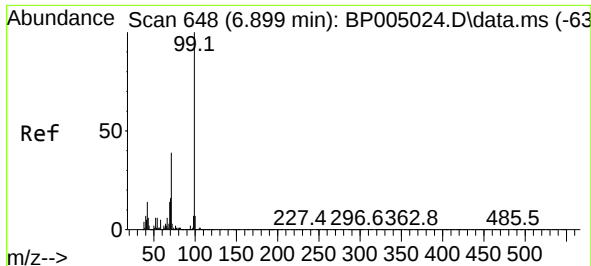
Tgt Ion:152 Resp: 34434
Ion Ratio Lower Upper
152 100
150 155.4 123.8 185.6
115 65.7 43.8 65.6#



#5
2-Fluorophenol
Concen: 38.75 ng
RT: 5.305 min Scan# 377
Delta R.T. -0.000 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

Tgt Ion:112 Resp: 86699
Ion Ratio Lower Upper
112 100
64 54.7 32.8 49.2#
63 29.6 17.0 25.4#

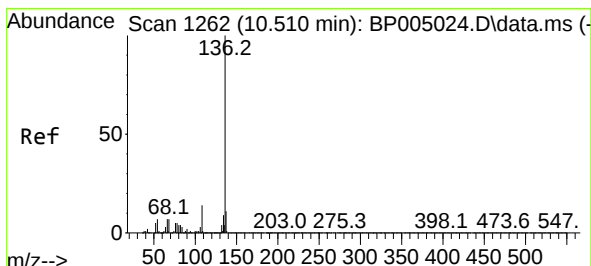
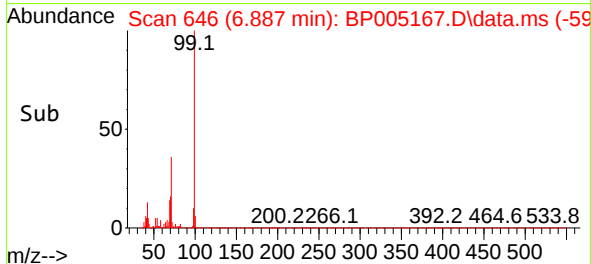
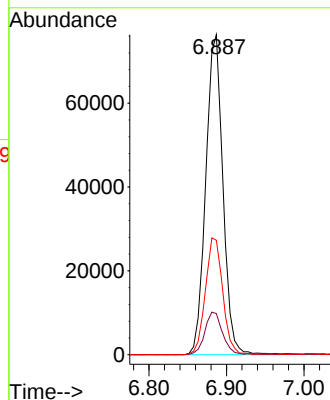
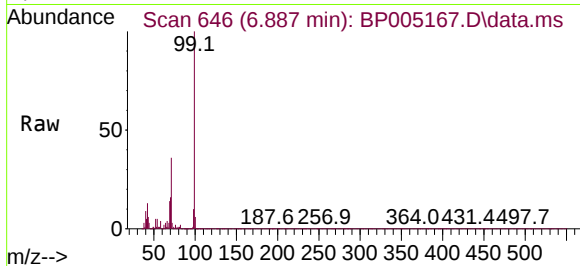




#7
Phenol-d6
Concen: 36.57 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

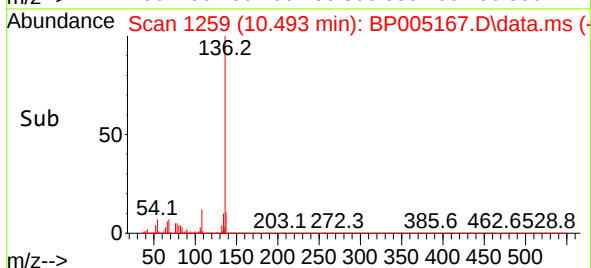
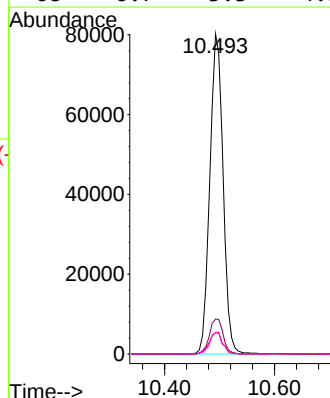
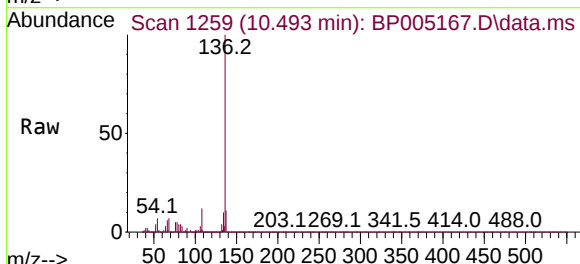
Instrument :
BNA_P
ClientSampleId :
TP-1D-(4-10)

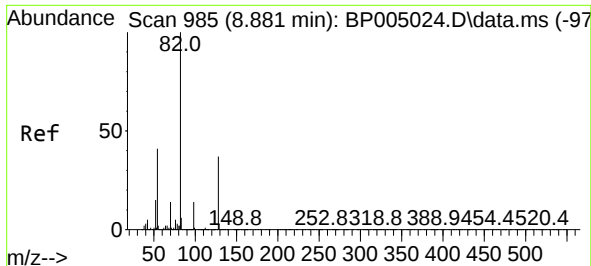
Tgt Ion: 99 Resp: 117194
Ion Ratio Lower Upper
99 100
42 12.8 8.6 13.0
71 35.7 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

Tgt Ion: 136 Resp: 134420
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.7 3.6 5.4#
68 6.7 3.3 4.9#

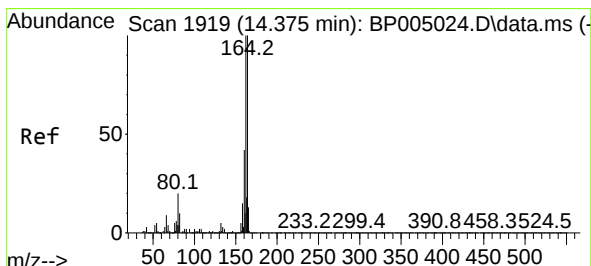
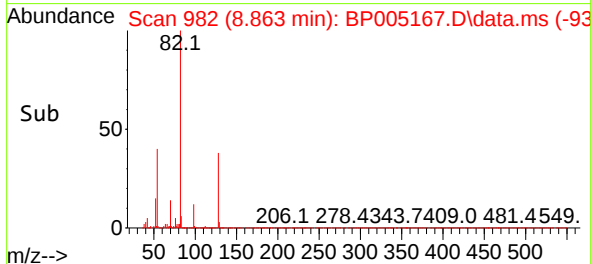
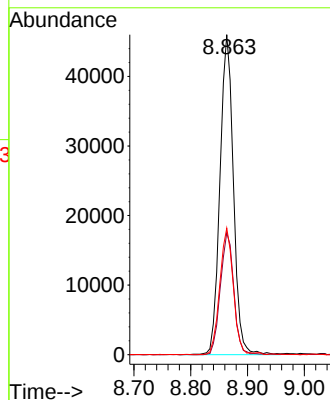
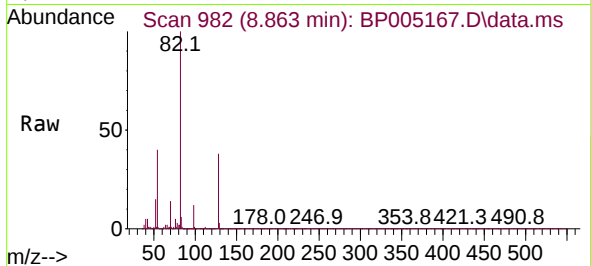




#23
Nitrobenzene-d5
Concen: 24.20 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

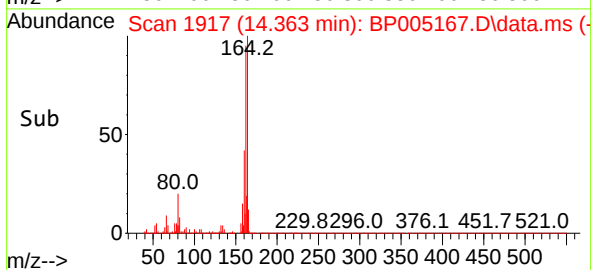
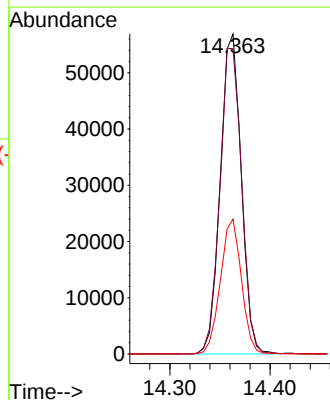
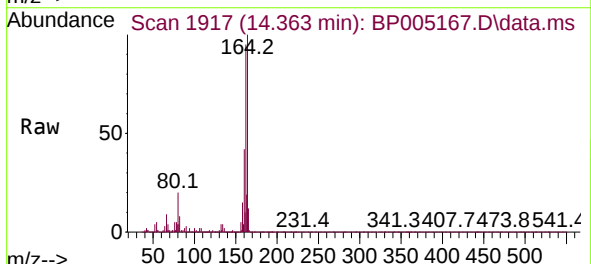
Instrument :
BNA_P
ClientSampleId :
TP-1D-(4-10)

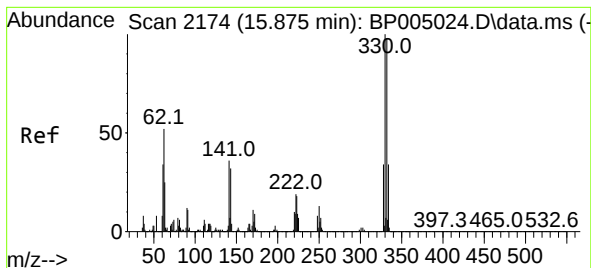
Tgt Ion: 82 Resp: 75819
Ion Ratio Lower Upper
82 100
128 38.1 45.6 68.4#
54 39.5 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

Tgt Ion:164 Resp: 82312
Ion Ratio Lower Upper
164 100
162 95.4 79.4 119.2
160 42.1 36.1 54.1

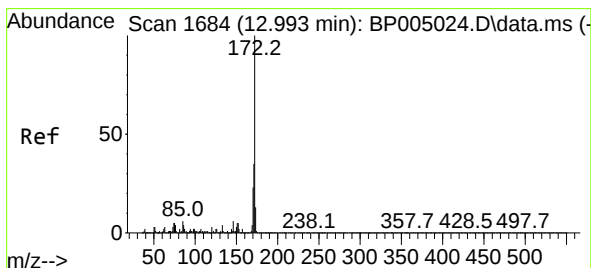
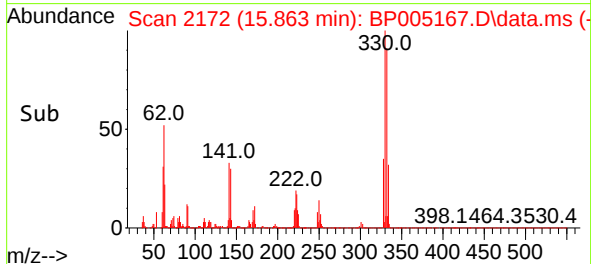
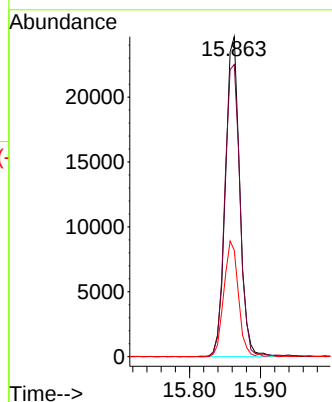
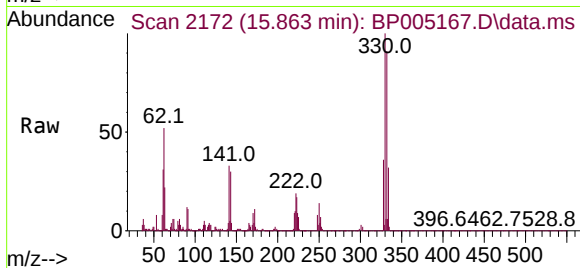




#42
2,4,6-Tribromophenol
Concen: 32.10 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

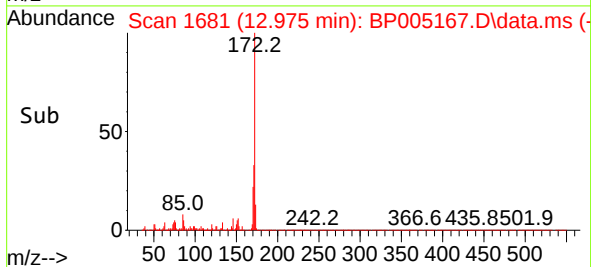
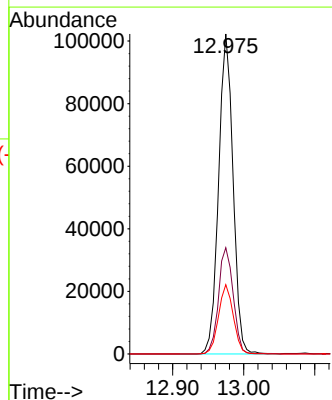
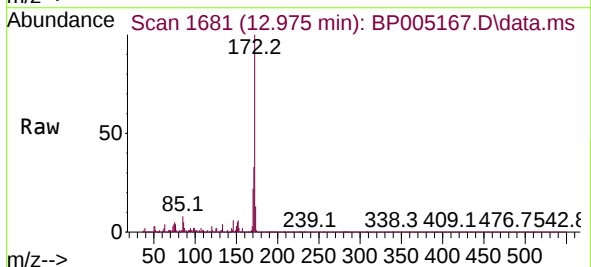
Instrument :
BNA_P
ClientSampleId :
TP-1D-(4-10)

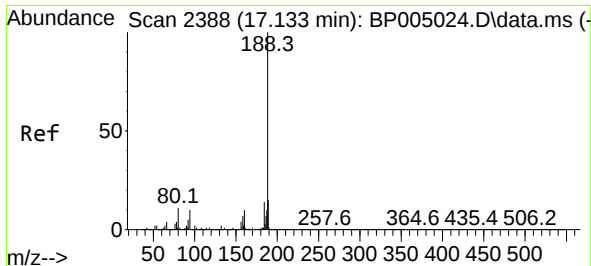
Tgt Ion:330 Resp: 34423
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 36.9 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 23.60 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

Tgt Ion:172 Resp: 143575
Ion Ratio Lower Upper
172 100
171 33.2 28.5 42.7
170 21.6 19.2 28.8

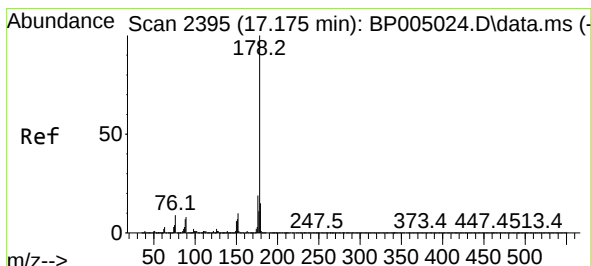
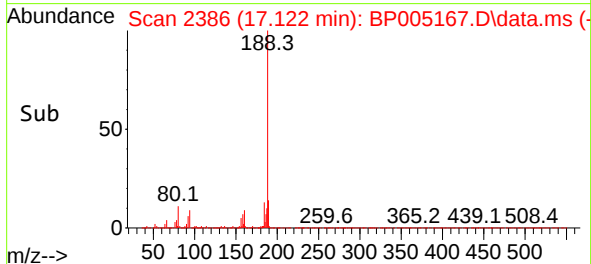
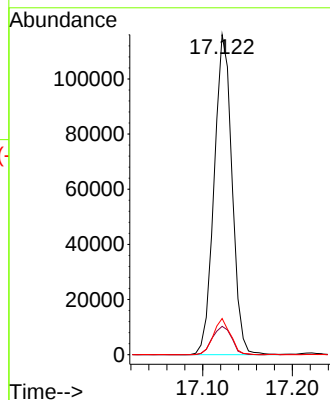
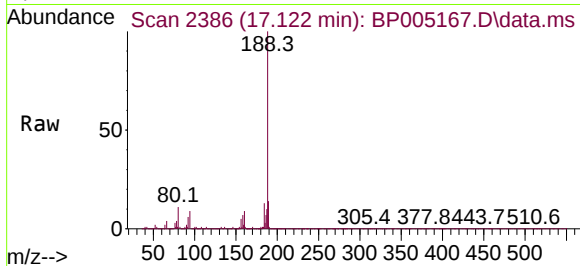




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

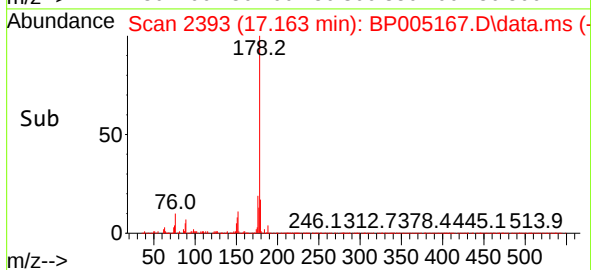
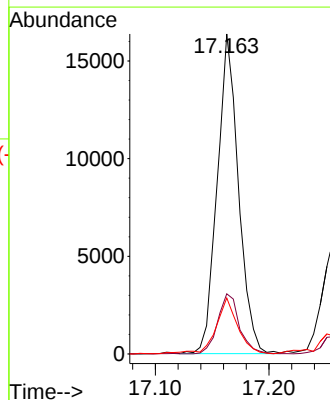
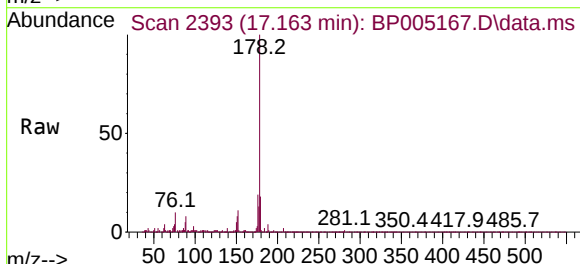
Instrument :
BNA_P
ClientSampleId :
TP-1D-(4-10)

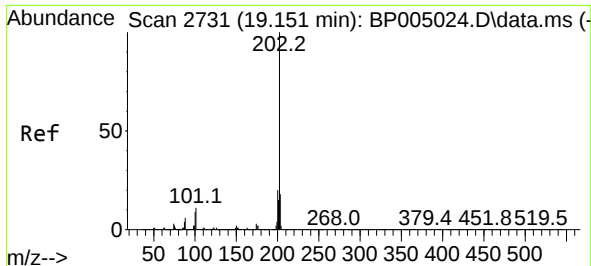
Tgt Ion:188 Resp: 160560
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 11.3 6.2 9.2#



#71
Phenanthrene
Concen: 2.29 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

Tgt Ion:178 Resp: 21326
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 17.5 12.5 18.7

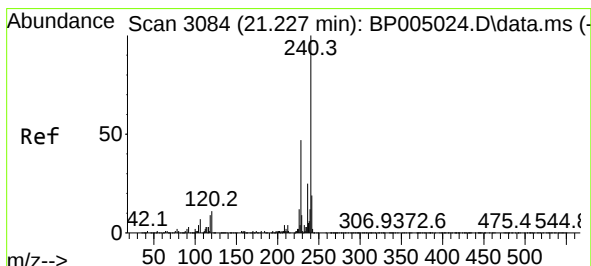
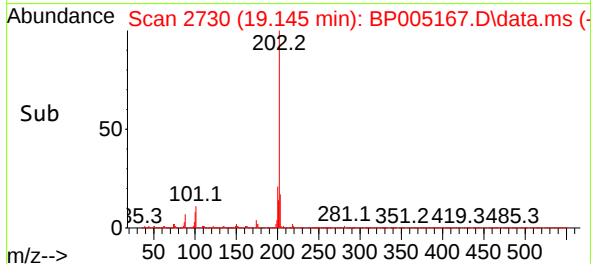
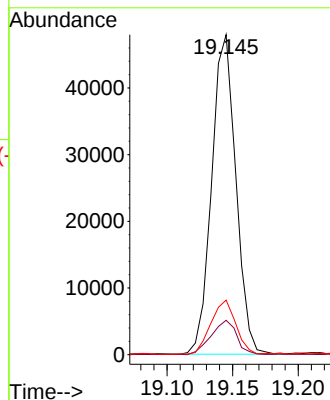
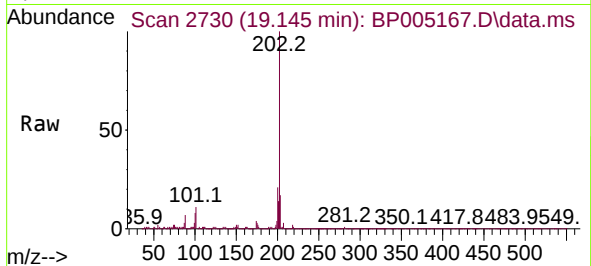




#75
Fluoranthene
Concen: 5.61 ng
RT: 19.145 min Scan# 2730
Delta R.T. -0.000 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

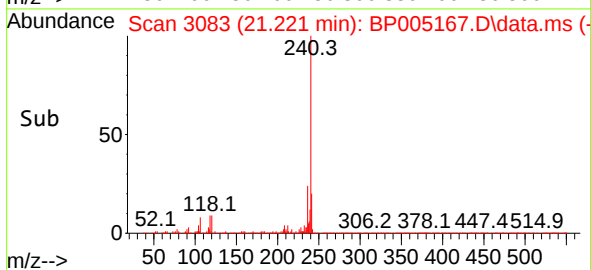
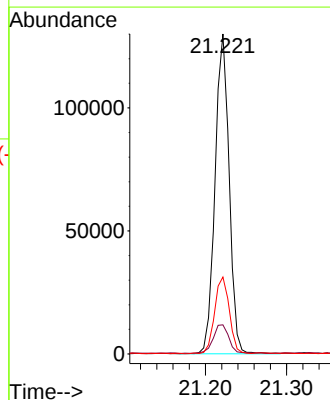
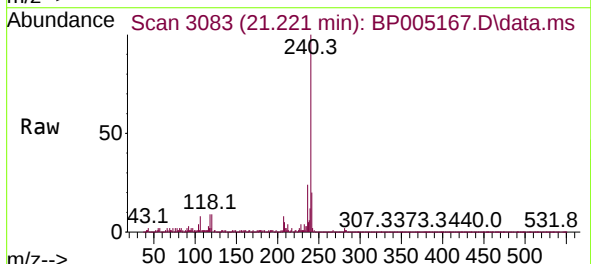
Instrument :
BNA_P
ClientSampleId :
TP-1D-(4-10)

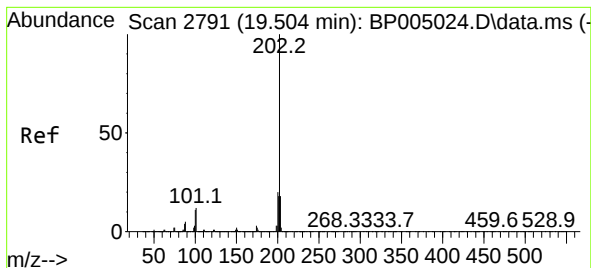
Tgt Ion:202 Resp: 61414
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.4
203 17.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

Tgt Ion:240 Resp: 156478
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 24.1 20.8 31.2





#78

Pyrene

Concen: 4.91 ng

RT: 19.498 min Scan# 2790

Delta R.T. -0.000 min

Lab File: BP005167.D

Acq: 02 Apr 2021 19:35

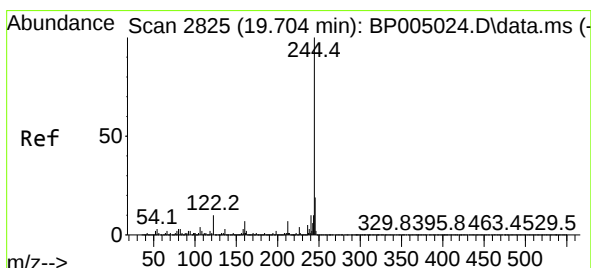
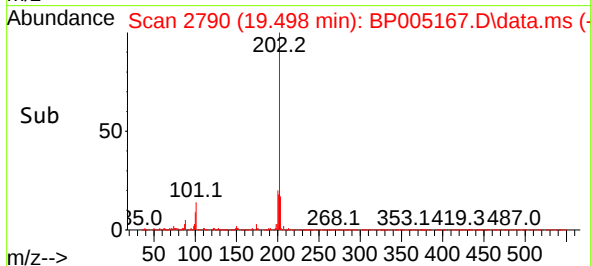
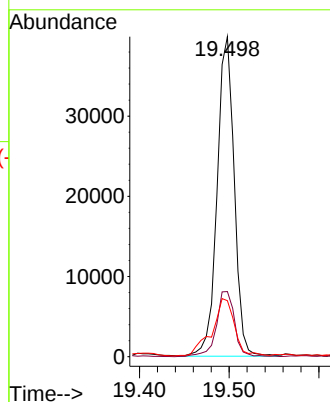
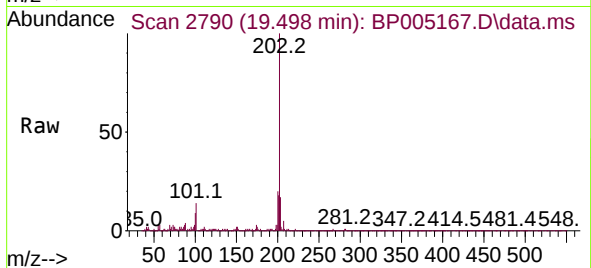
Instrument :

BNA_P

ClientSampleId :

TP-1D-(4-10)

Tgt Ion:202	Resp:	52819
Ion Ratio	Lower	Upper
202	100	
200	20.4	17.1 25.7
203	17.5	14.2 21.2



#79

Terphenyl-d14

Concen: 22.40 ng

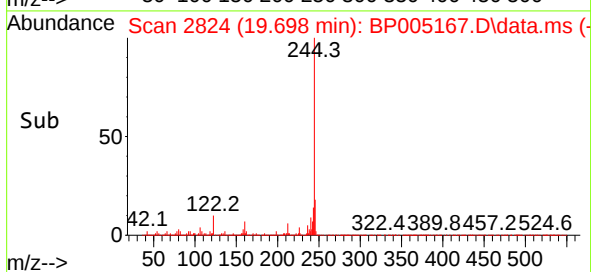
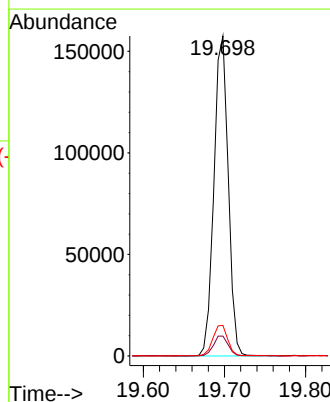
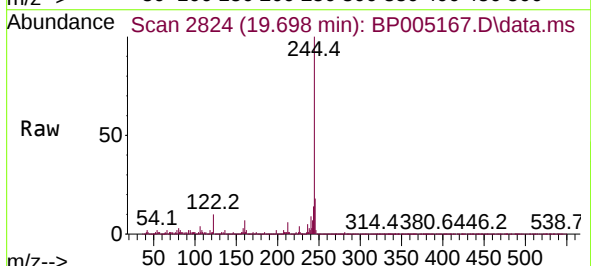
RT: 19.698 min Scan# 2824

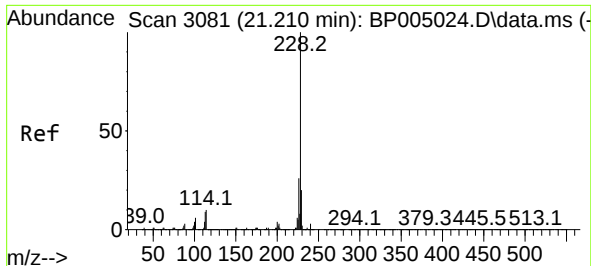
Delta R.T. -0.000 min

Lab File: BP005167.D

Acq: 02 Apr 2021 19:35

Tgt Ion:244	Resp:	192529
Ion Ratio	Lower	Upper
244	100	
212	6.2	5.8 8.6
122	9.6	7.8 11.8

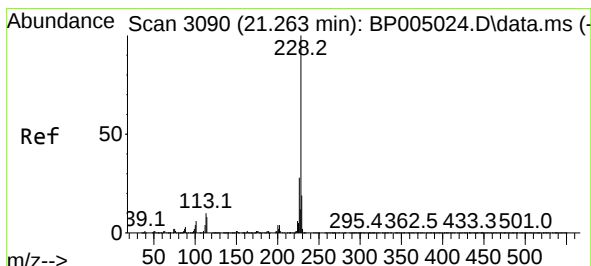
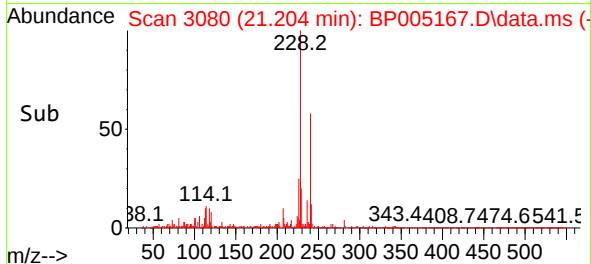
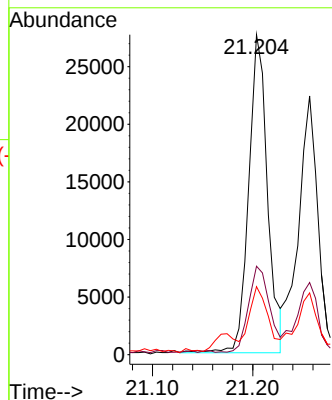
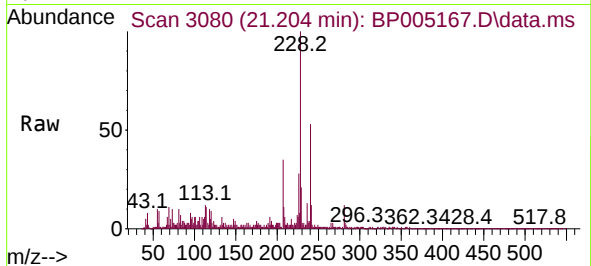




#81
Benzo(a)anthracene
Concen: 3.40 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

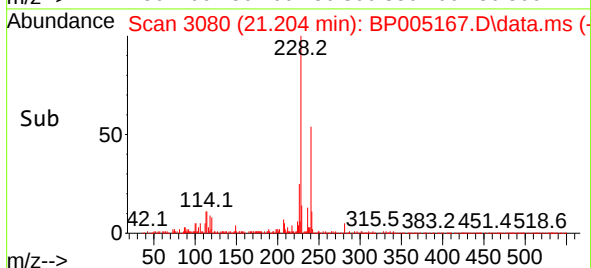
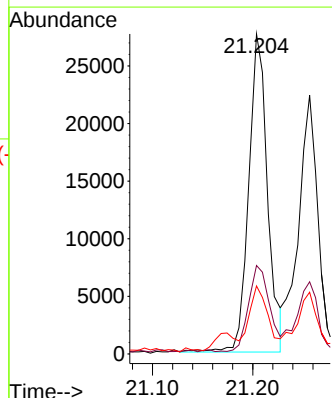
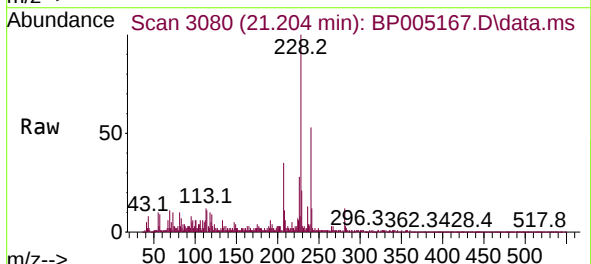
Instrument :
BNA_P
ClientSampleId :
TP-1D-(4-10)

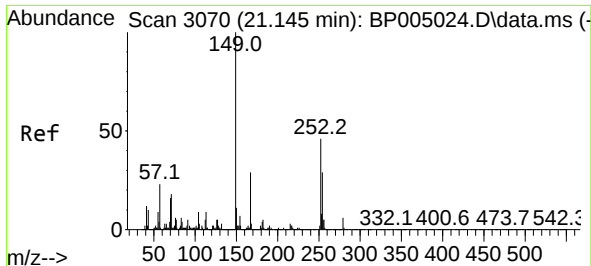
Tgt Ion:228 Resp: 36160
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 21.2 15.9 23.9



#83
Chrysene
Concen: 3.47 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.059 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

Tgt Ion:228 Resp: 36160
Ion Ratio Lower Upper
228 100
226 27.6 24.4 36.6
229 21.2 15.8 23.6

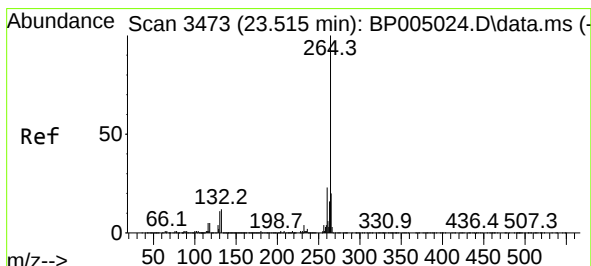
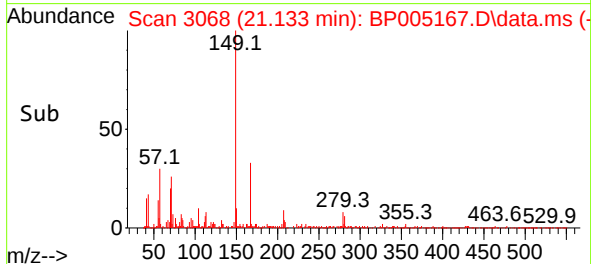
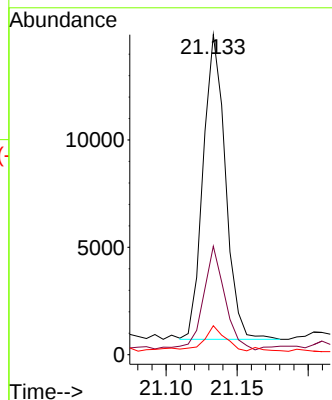
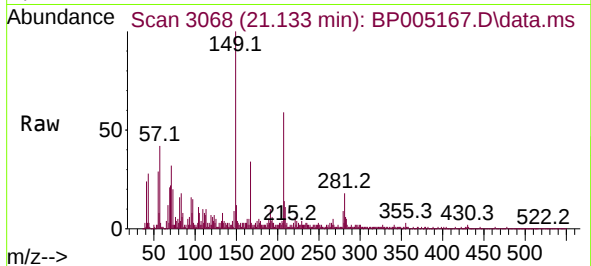




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.65 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.006 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

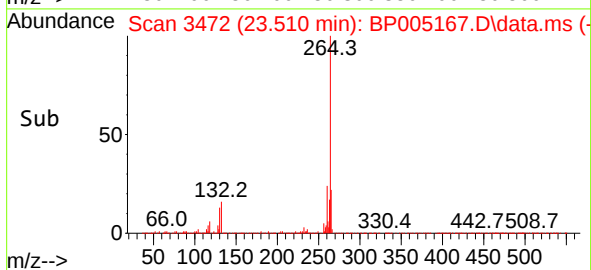
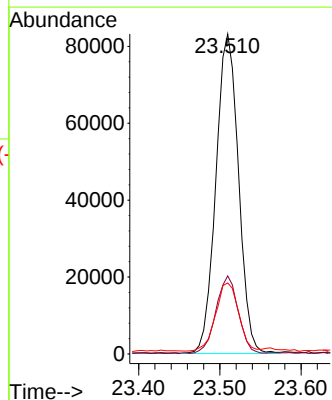
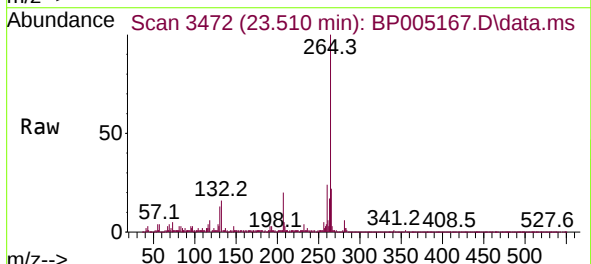
Instrument :
BNA_P
ClientSampleId :
TP-1D-(4-10)

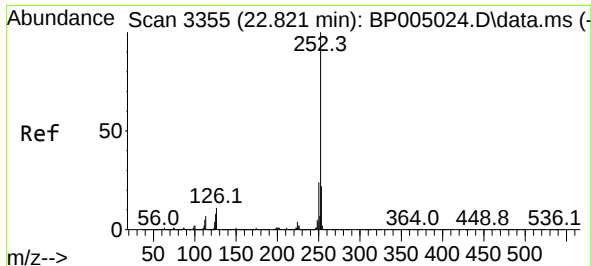
Tgt Ion:149 Resp: 15496
Ion Ratio Lower Upper
149 100
167 33.9 22.6 34.0
279 9.1 4.2 6.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.510 min Scan# 3472
Delta R.T. -0.000 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

Tgt Ion:264 Resp: 160921
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 22.2 17.4 26.2

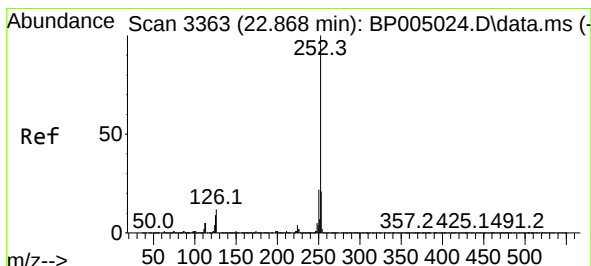
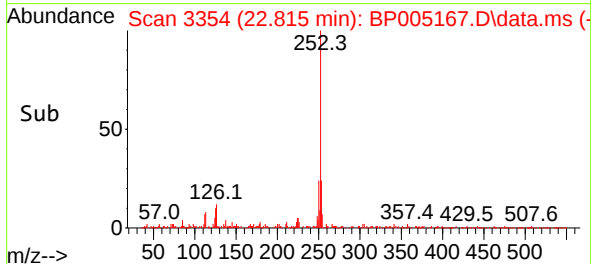
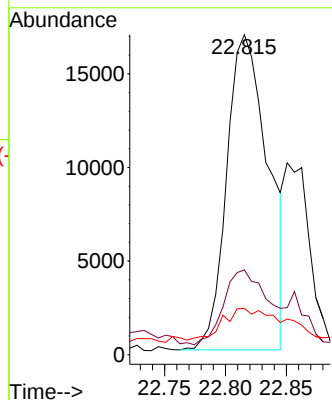
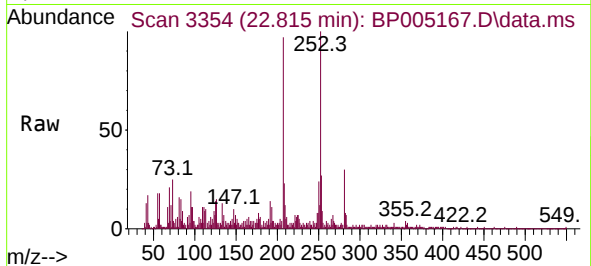




#88
Benzo(b)fluoranthene
Concen: 3.48 ng
RT: 22.815 min Scan# 3354
Delta R.T. -0.000 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

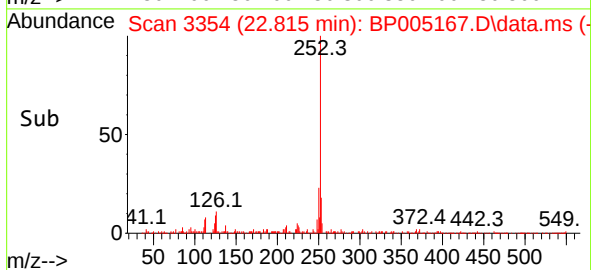
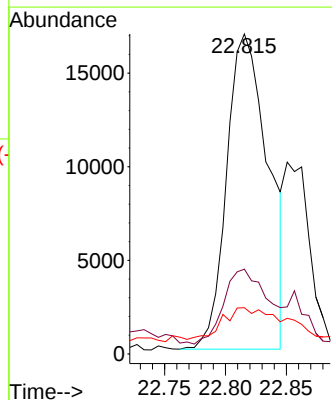
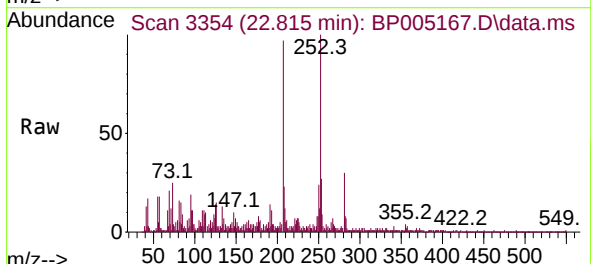
Instrument :
BNA_P
ClientSampleId :
TP-1D-(4-10)

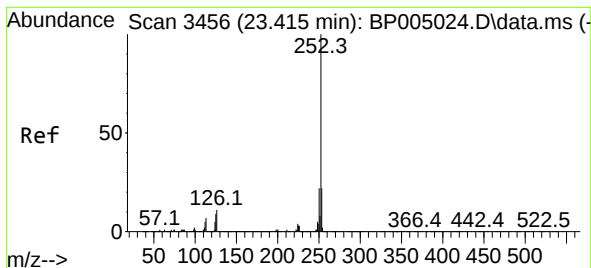
Tgt Ion:252 Resp: 39789
Ion Ratio Lower Upper
252 100
253 26.5 17.6 26.4#
125 14.5 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 3.63 ng
RT: 22.815 min Scan# 3354
Delta R.T. -0.047 min
Lab File: BP005167.D
Acq: 02 Apr 2021 19:35

Tgt Ion:252 Resp: 39789
Ion Ratio Lower Upper
252 100
253 26.5 17.8 26.8
125 14.5 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 2.66 ng

RT: 23.404 min Scan# 3454

Delta R.T. -0.006 min

Lab File: BP005167.D

Acq: 02 Apr 2021 19:35

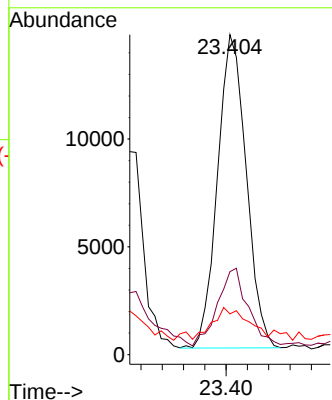
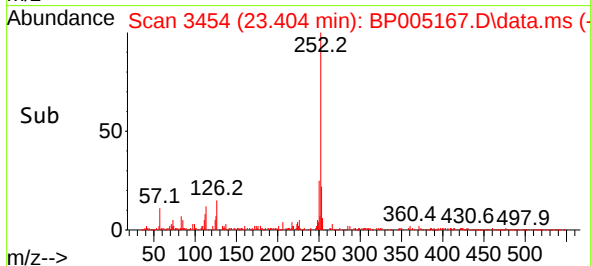
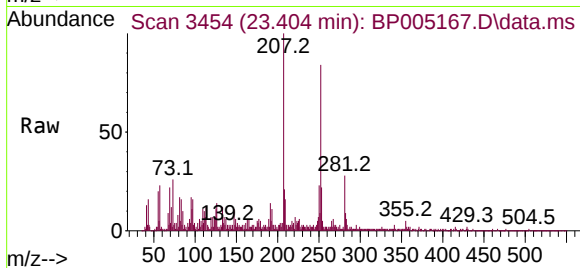
Tgt Ion:252 Resp: 27211

Ion Ratio Lower Upper

252 100

253 26.0 17.4 26.0

125 12.7 8.2 12.4#



Instrument :

BNA_P

ClientSampleId :

TP-1D-(4-10)