

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
 Data File : BP006121.D
 Acq On : 30 Jun 2021 22:48
 Operator : CG/JU
 Sample : M2896-05 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FS-03

Quant Time: Jul 01 03:09:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 16:39:37 2021
 Response via : Initial Calibration

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

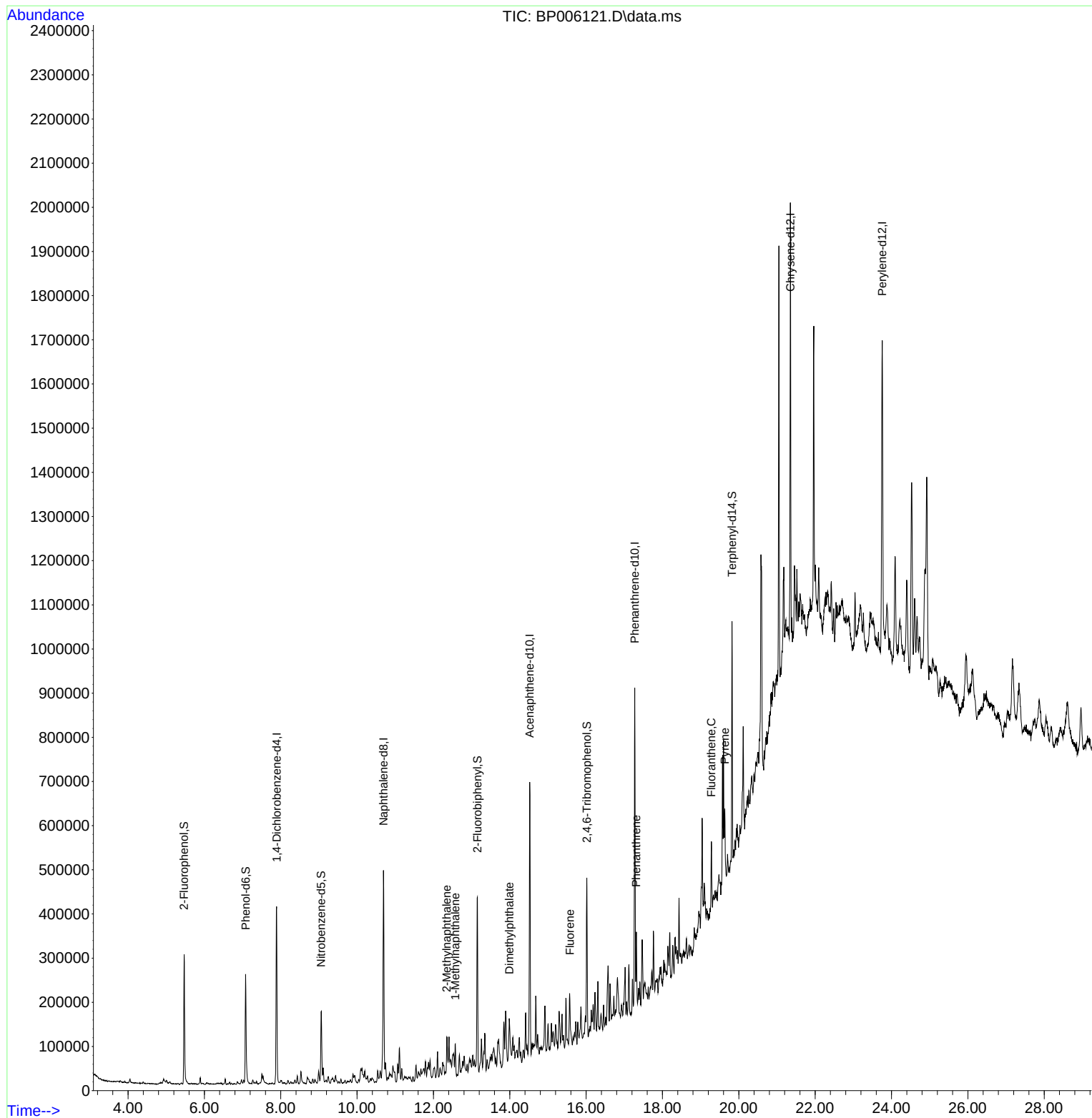
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	117589	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	410900	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	219689	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	396980	20.000	ng	0.00
76) Chrysene-d12	21.351	240	440546	20.000	ng	0.00
86) Perylene-d12	23.757	264	529112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	146502	19.992	ng	0.00
7) Phenol-d6	7.081	99	168407	17.730	ng	0.00
23) Nitrobenzene-d5	9.057	82	101992	12.169	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	64642	17.146	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	204680	12.234	ng	0.00
79) Terphenyl-d14	19.822	244	244146	10.377	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.351	142	44877	2.651	ng	99
38) 1-Methylnaphthalene	12.569	142	35247	2.211	ng	100
50) Dimethylphthalate	13.987	163	41132	2.277	ng	97
58) Fluorene	15.575	166	41965	2.430	ng	# 93
71) Phenanthrene	17.316	178	104524	4.384	ng	97
75) Fluoranthene	19.280	202	71271	2.462	ng	91
78) Pyrene	19.633	202	76474	2.487	ng	95

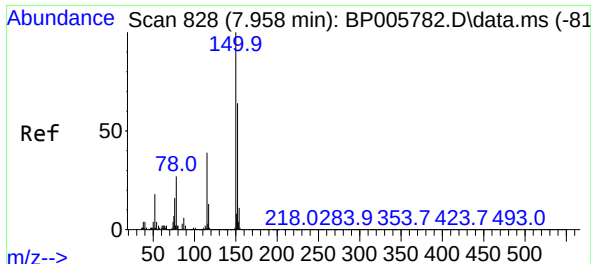
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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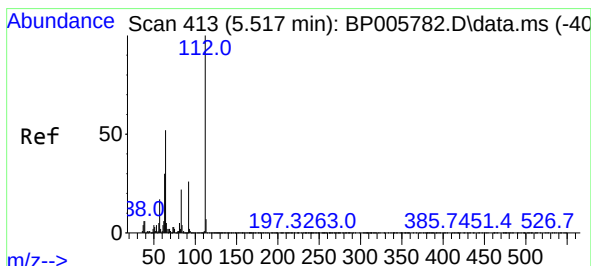
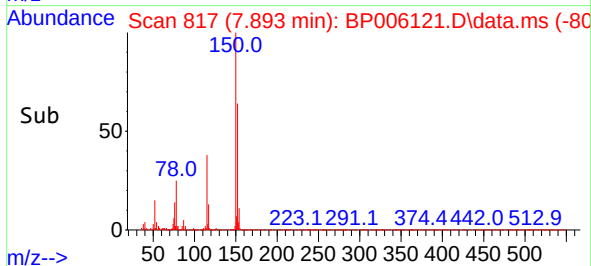
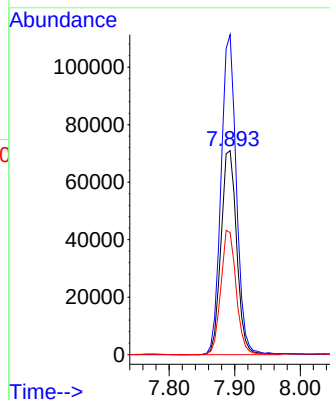
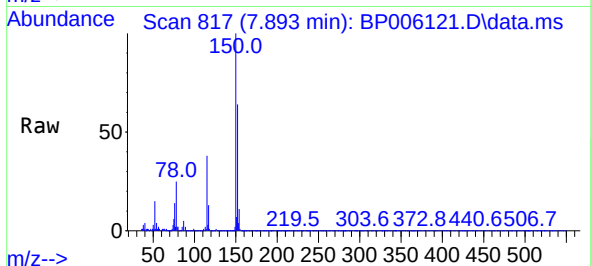




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

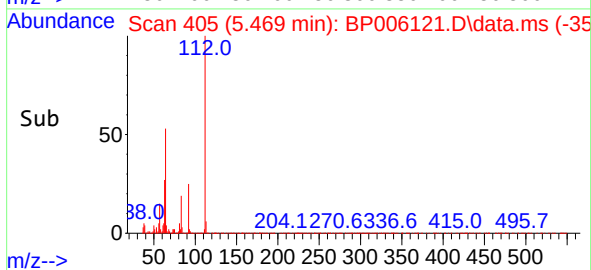
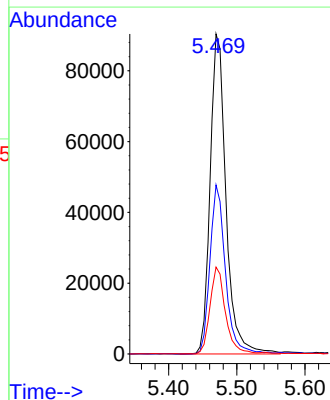
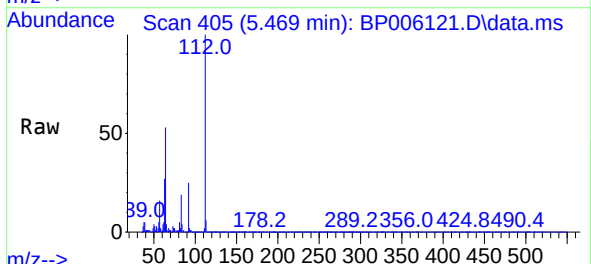
Instrument :
BNA_P
ClientSampled :
FS-03

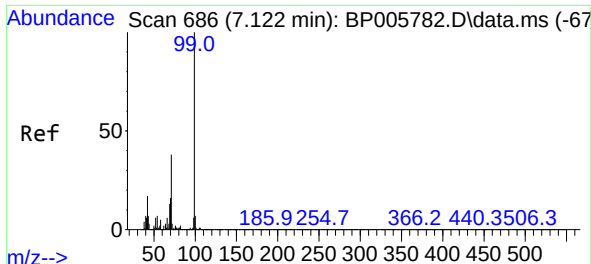
Tgt Ion:152 Resp: 117589
Ion Ratio Lower Upper
152 100
150 156.9 125.6 188.4
115 59.9 48.5 72.7



#5
2-Fluorophenol
Concen: 19.992 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

Tgt Ion:112 Resp: 146502
Ion Ratio Lower Upper
112 100
64 52.8 41.4 62.2
63 27.1 23.8 35.8

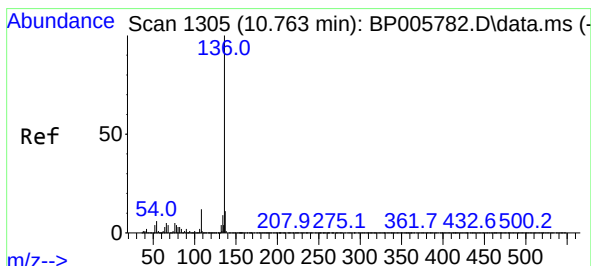
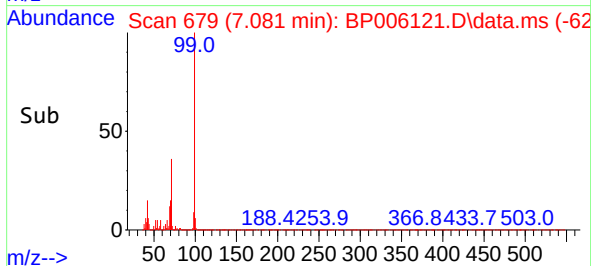
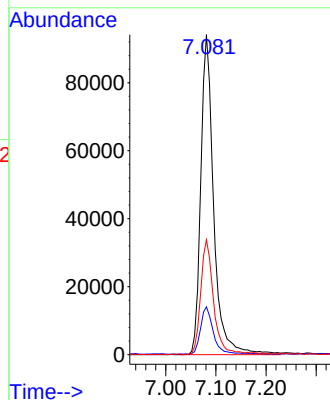
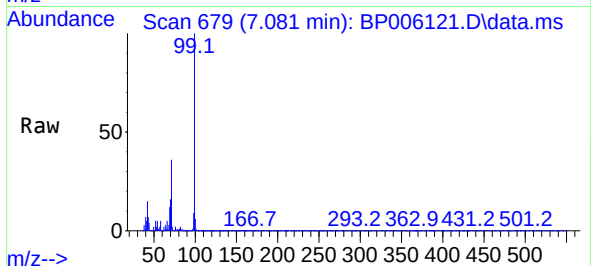




#7
Phenol-d6
Concen: 17.730 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

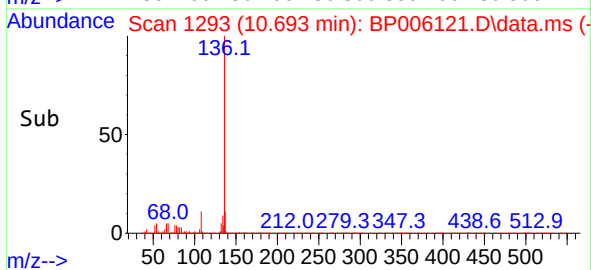
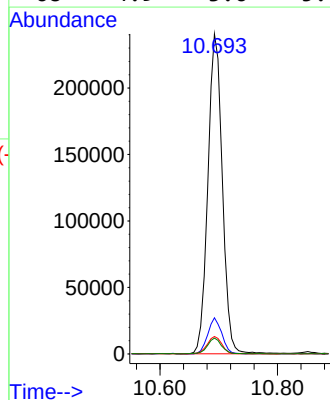
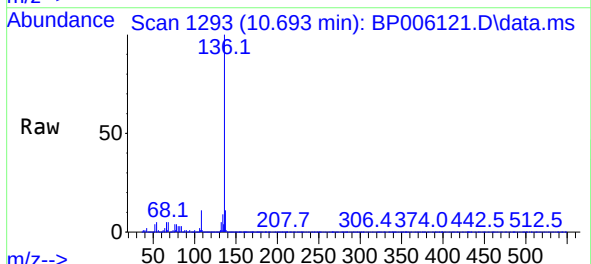
Instrument :
BNA_P
ClientSampleId :
FS-03

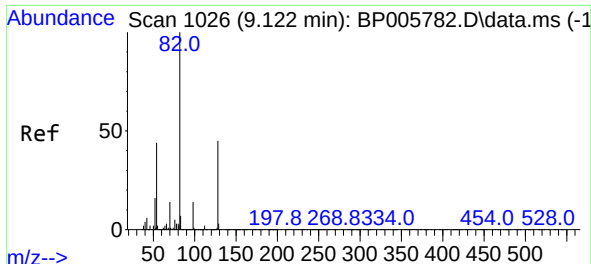
Tgt Ion: 99 Resp: 168407
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 35.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

Tgt Ion: 136 Resp: 410900
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 5.4 4.6 6.8
68 4.9 3.6 5.4

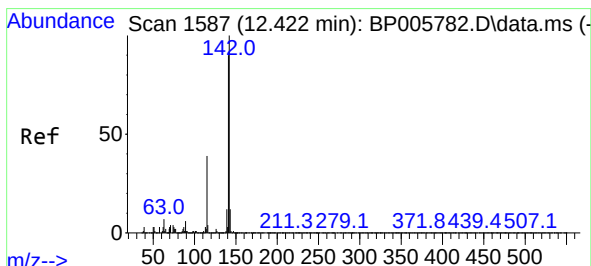
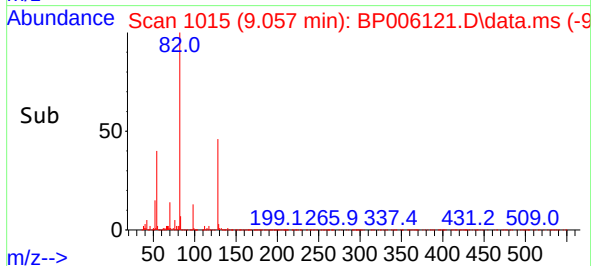
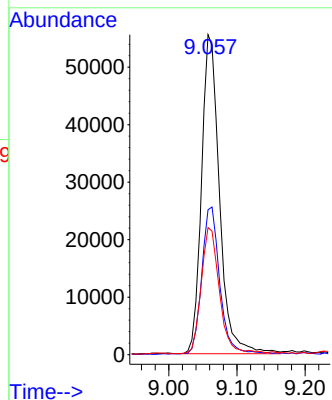
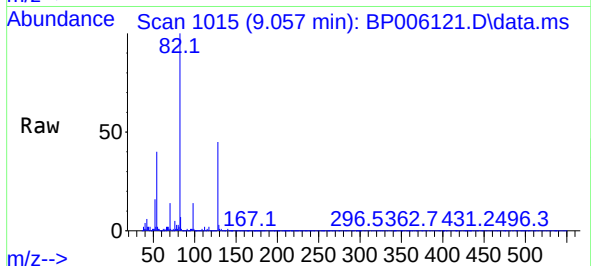




#23
Nitrobenzene-d5
Concen: 12.169 ng
RT: 9.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

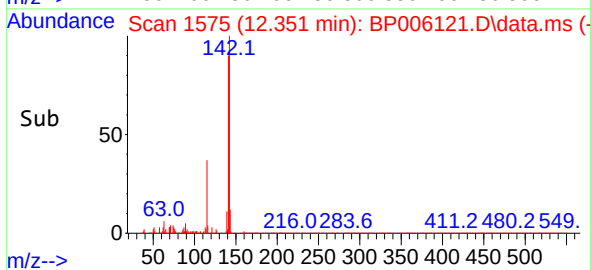
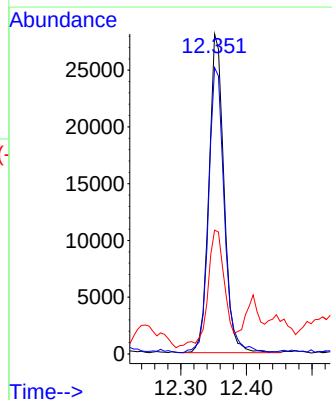
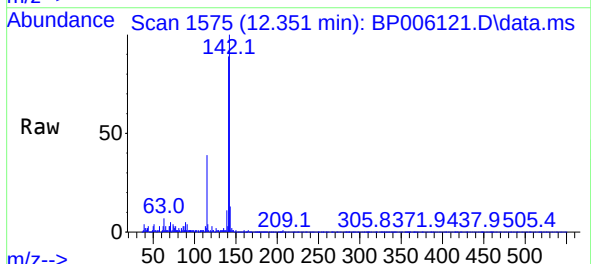
Instrument :
BNA_P
ClientSampled :
FS-03

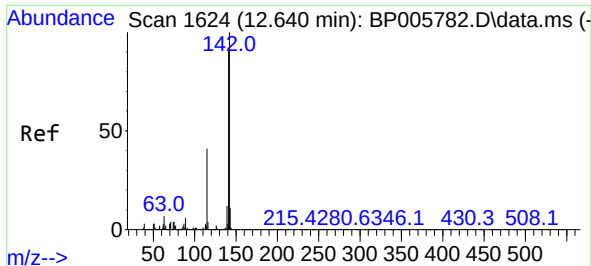
Tgt Ion: 82 Resp: 101992
Ion Ratio Lower Upper
82 100
128 45.3 35.7 53.5
54 39.7 35.0 52.4



#37
2-Methylnaphthalene
Concen: 2.651 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

Tgt Ion: 142 Resp: 44877
Ion Ratio Lower Upper
142 100
141 89.4 71.8 107.6
115 38.7 31.6 47.4

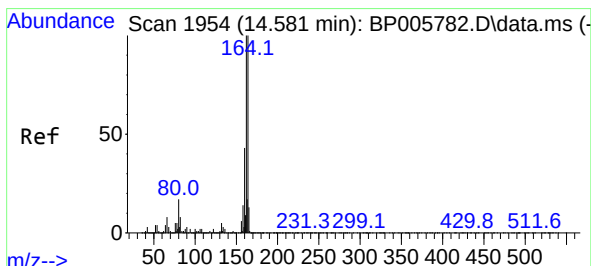
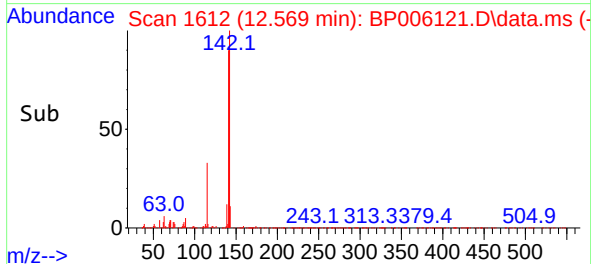
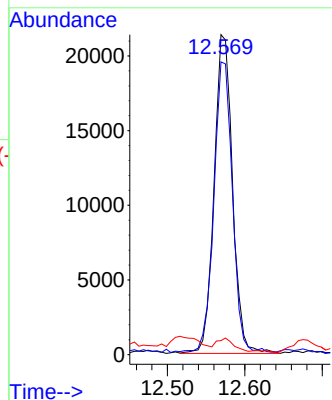
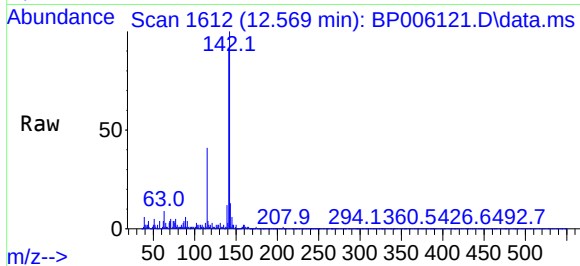




#38
1-Methylnaphthalene
Concen: 2.211 ng
RT: 12.569 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

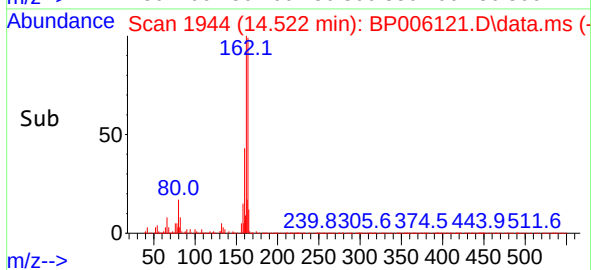
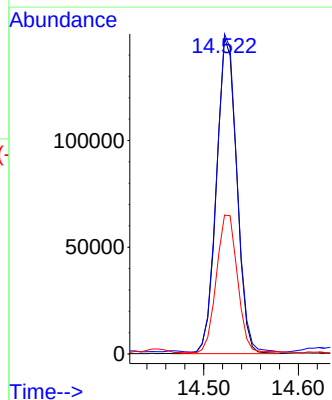
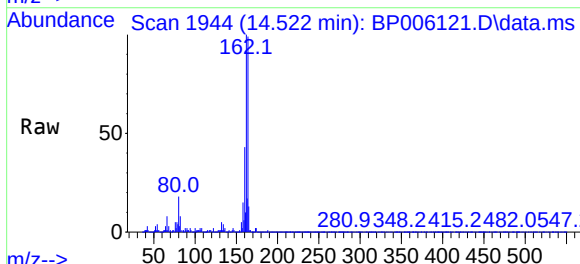
Instrument :
BNA_P
ClientSampled :
FS-03

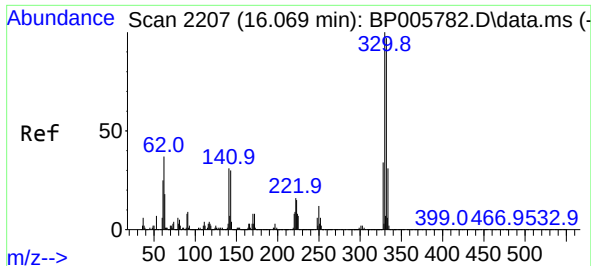
Tgt Ion:142 Resp: 35247
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9
116 4.4 3.5 5.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

Tgt Ion:164 Resp: 219689
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 43.9 34.5 51.7

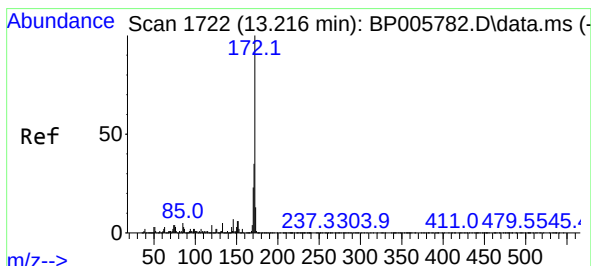
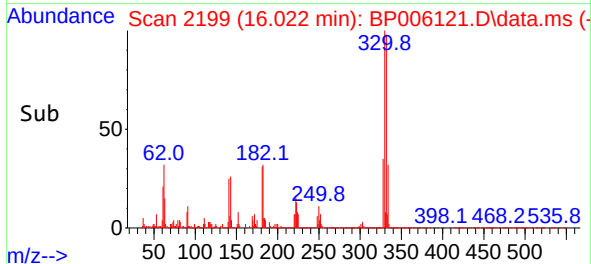
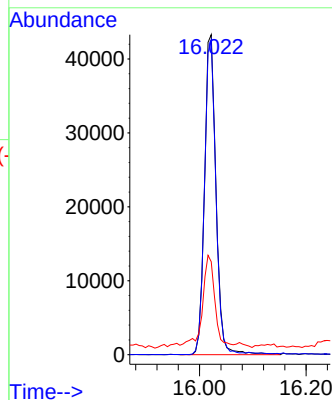
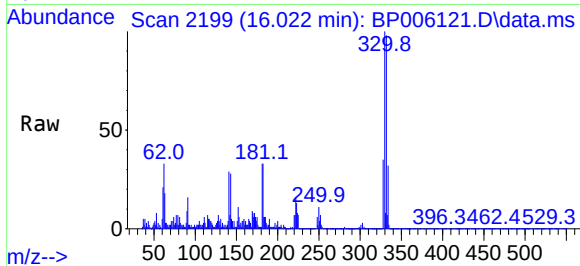




#42
2,4,6-Tribromophenol
Concen: 17.146 ng
RT: 16.022 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

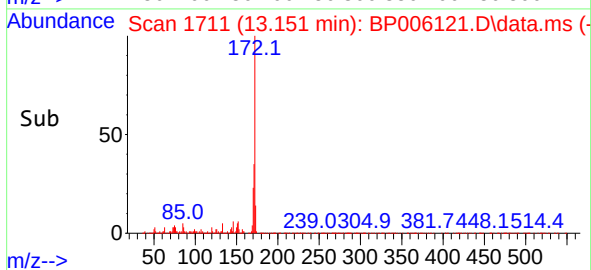
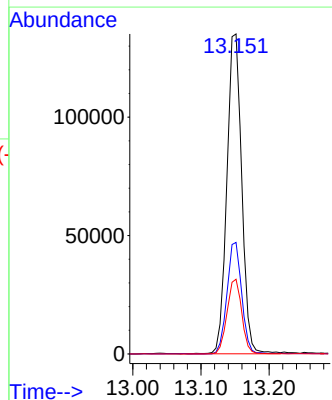
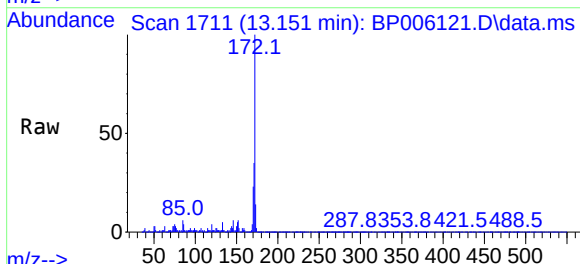
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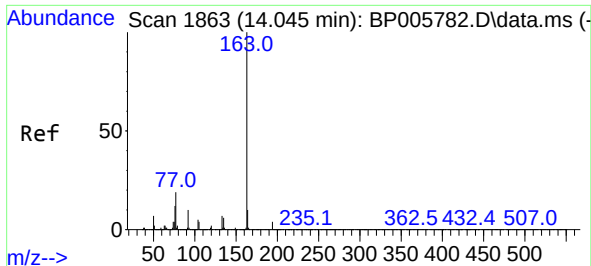
Tgt Ion: 330 Resp: 64642
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 31.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 12.234 ng
RT: 13.151 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

Tgt Ion: 172 Resp: 204680
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.3 18.6 27.8

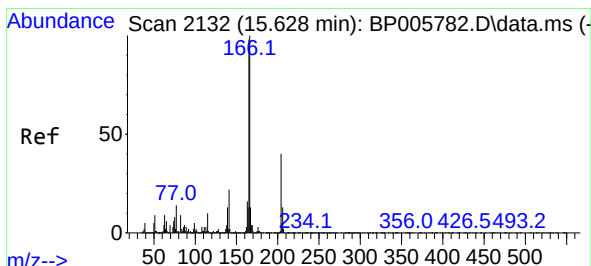
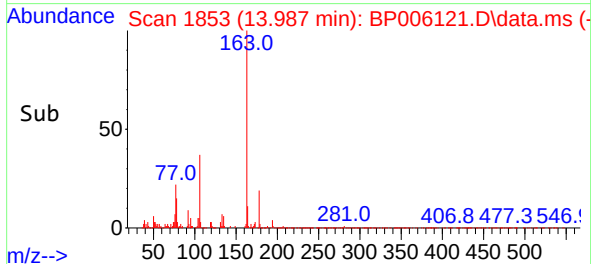
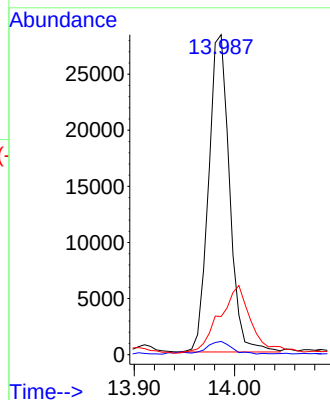
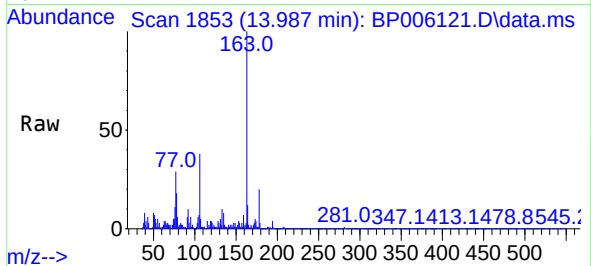




#50
Dimethylphthalate
Concen: 2.277 ng
RT: 13.987 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

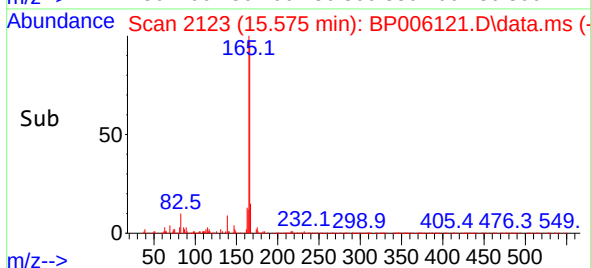
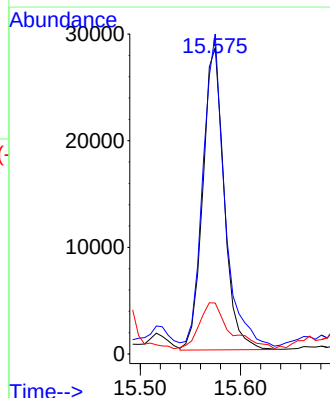
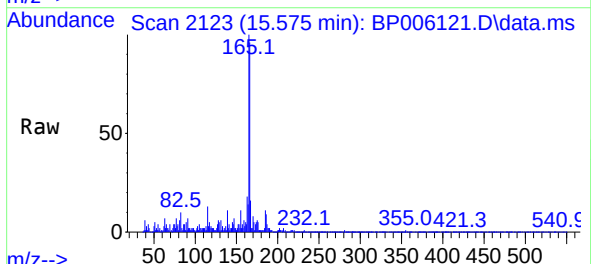
Instrument :
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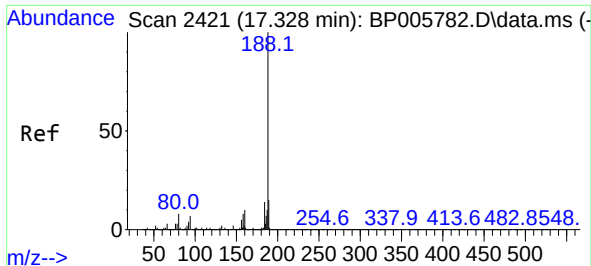
Tgt Ion:163 Resp: 41132
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 11.9 8.2 12.2



#58
Fluorene
Concen: 2.430 ng
RT: 15.575 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

Tgt Ion:166 Resp: 41965
Ion Ratio Lower Upper
166 100
165 104.5 78.0 117.0
167 16.6 10.5 15.7#

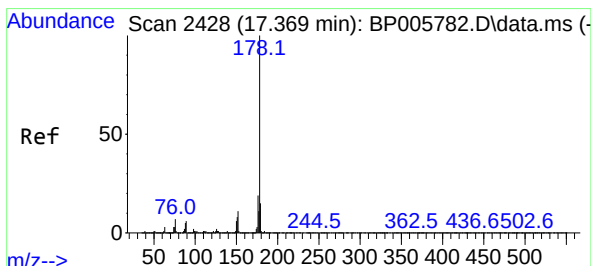
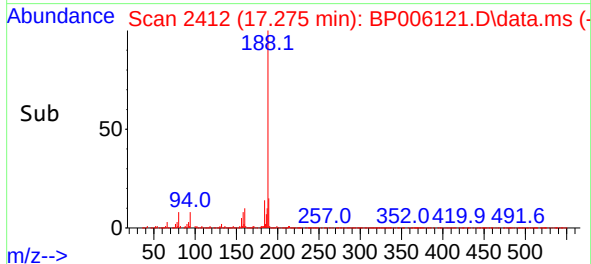
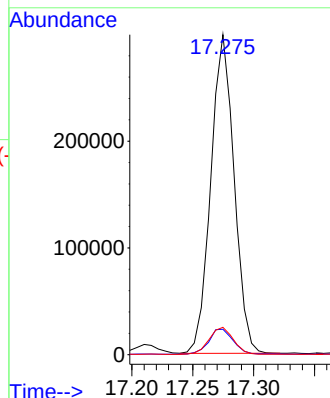
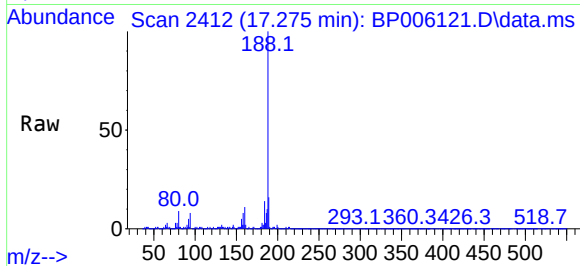




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

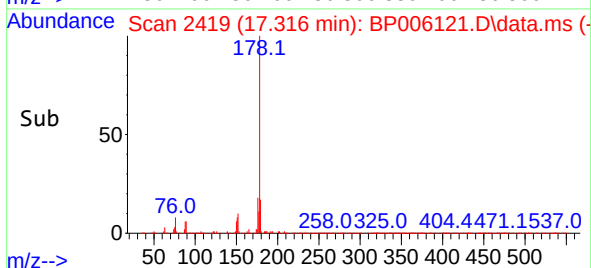
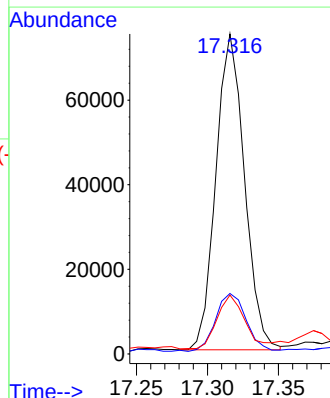
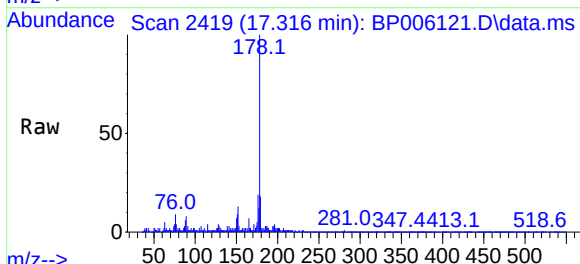
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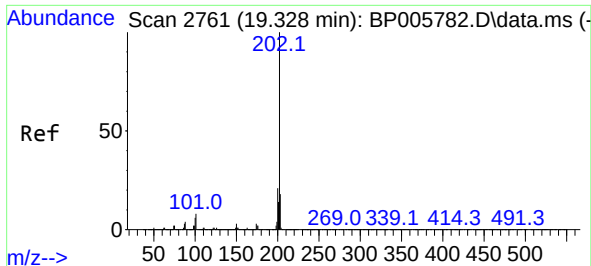
Tgt Ion:188 Resp: 396980
Ion Ratio Lower Upper
188 100
94 7.9 5.6 8.4
80 8.6 6.3 9.5



#71
Phenanthrene
Concen: 4.384 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

Tgt Ion:178 Resp: 104524
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 18.4 12.4 18.6

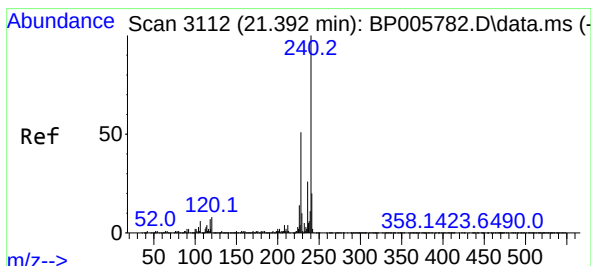
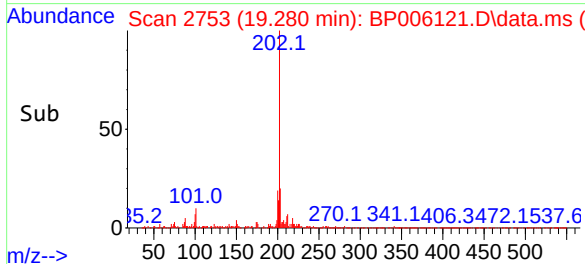
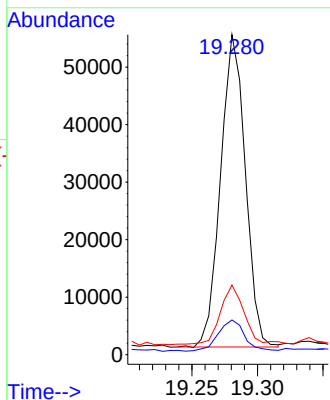
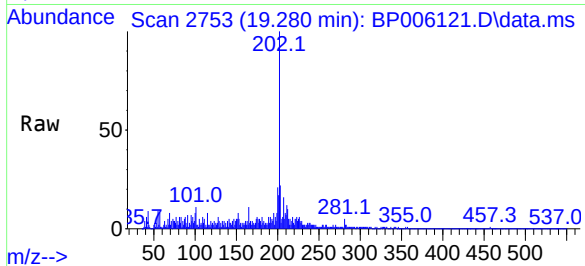




#75
Fluoranthene
Concen: 2.462 ng
RT: 19.280 min Scan# 2753
Delta R.T. -0.006 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

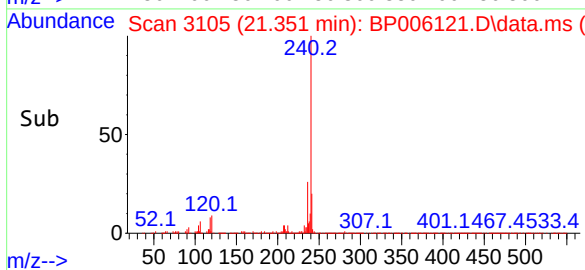
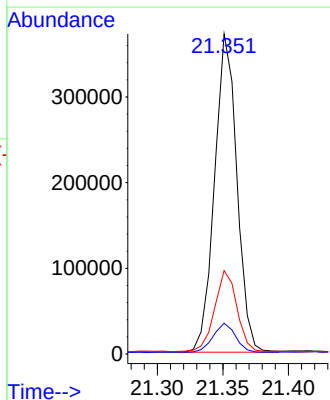
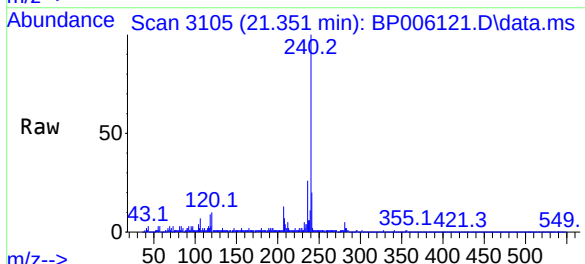
Instrument :
BNA_P
ClientSampleId :
FS-03

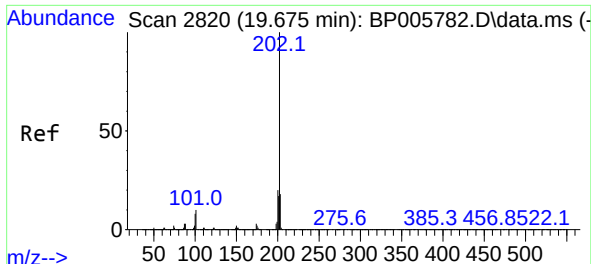
Tgt Ion:	202	Resp:	71271
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	27.6
203	21.7	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

Tgt Ion:	240	Resp:	440546
Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.5	9.7
236	26.1	20.6	31.0

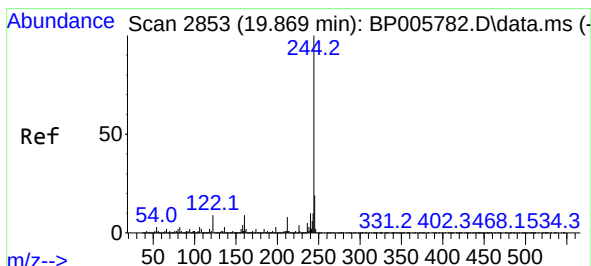
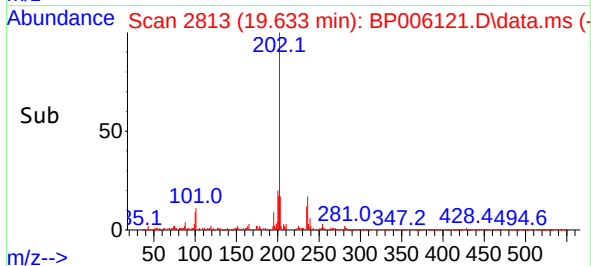
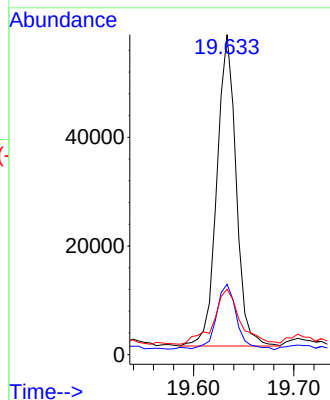
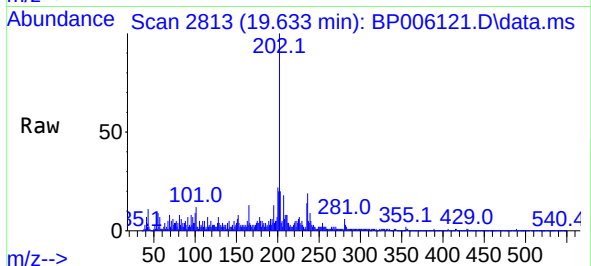




#78
Pyrene
Concen: 2.487 ng
RT: 19.633 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

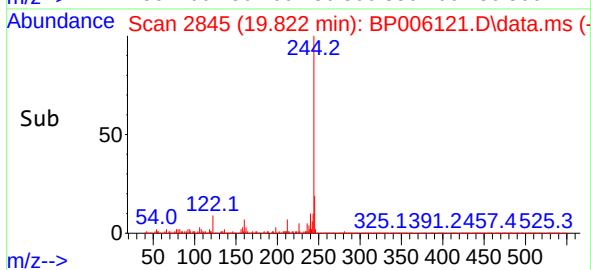
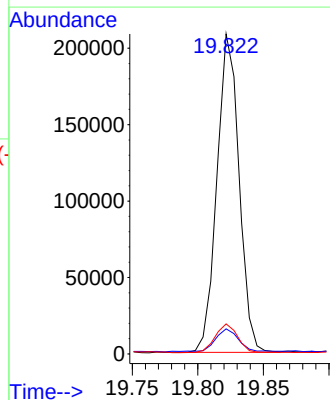
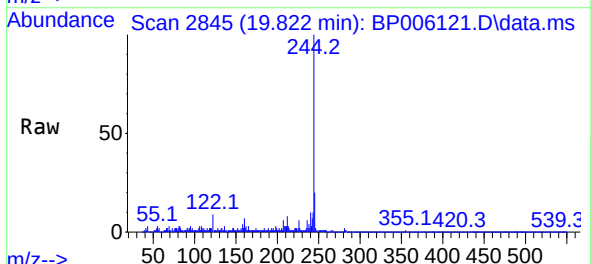
Instrument :
BNA_P
ClientSampleId :
FS-03

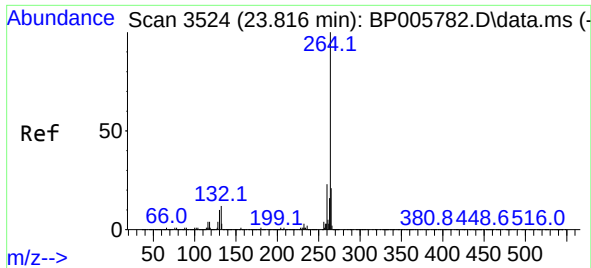
Tgt Ion:202 Resp: 76474
Ion Ratio Lower Upper
202 100
200 22.0 16.3 24.5
203 20.4 14.2 21.2



#79
Terphenyl-d14
Concen: 10.377 ng
RT: 19.822 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BP006121.D
Acq: 30 Jun 2021 22:48

Tgt Ion:244 Resp: 244146
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 9.4 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.757 min Scan# 3514
 Delta R.T. 0.000 min
 Lab File: BP006121.D
 Acq: 30 Jun 2021 22:48

Instrument :
 BNA_P
 ClientSampleId :
 FS-03

Tgt Ion:264 Resp: 529112
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 22.7 17.6 26.4

