

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
 Data File : BP006221.D
 Acq On : 14 Jul 2021 16:44
 Operator : CG/JU
 Sample : M3012-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PS-TP2

Quant Time: Jul 14 17:20:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

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

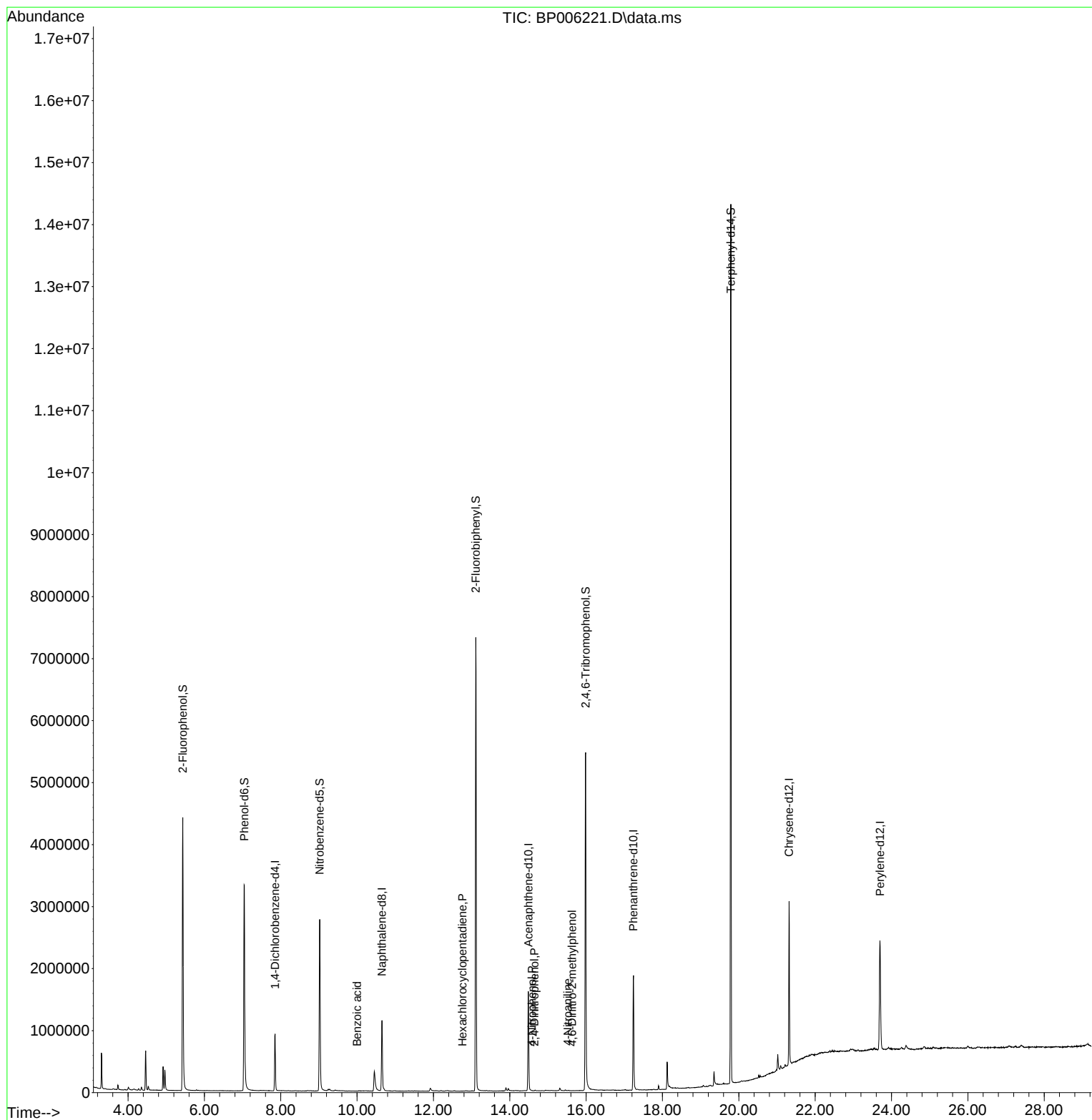
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	280769	20.000	ng	-0.01
21) Naphthalene-d8	10.652	136	1054062	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	586577	20.000	ng	-0.01
64) Phenanthrene-d10	17.240	188	1181191	20.000	ng	#-0.01
76) Chrysene-d12	21.316	240	1221168	20.000	ng	#-0.01
86) Perylene-d12	23.698	264	1383260	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2281212	139.800	ng	0.00
7) Phenol-d6	7.046	99	2382837	110.399	ng	0.00
23) Nitrobenzene-d5	9.022	82	1684686	100.956	ng	-0.01
42) 2,4,6-Tribromophenol	15.987	330	1334364	191.072	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	3835580	96.668	ng	-0.01
79) Terphenyl-d14	19.792	244	6417571	103.614	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.999	122	173	6.917	ng	# 2
41) Hexachlorocyclopentadiene	12.757	237	19	8.706	ng	94
54) 2,4-Dinitrophenol	14.646	184	10	8.881	ng	# 1
56) 4-Nitrophenol	14.581	139	91	7.136	ng	84
62) 4-Nitroaniline	15.522	138	253	2.983	ng	83
65) 4,6-Dinitro-2-methylph...	15.634	198	63	4.426	ng	# 1

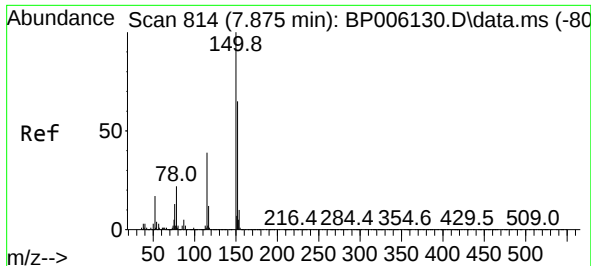
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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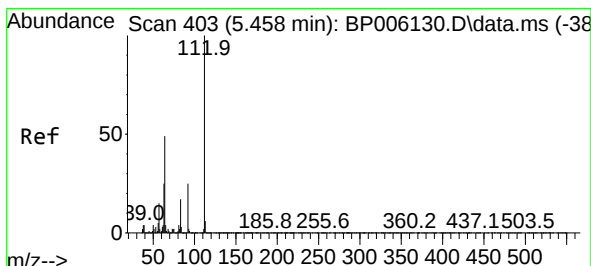
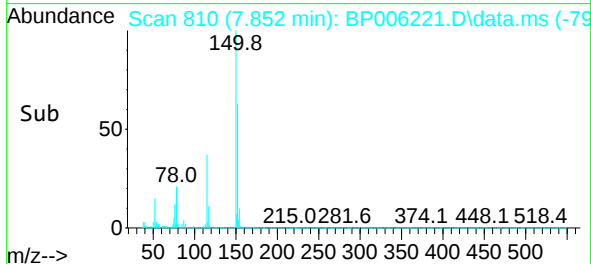
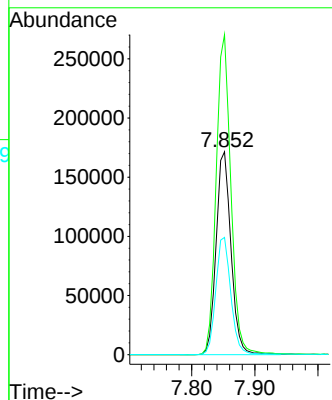
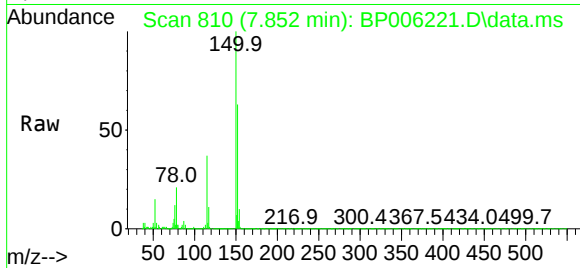




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 810
Delta R.T. -0.011 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

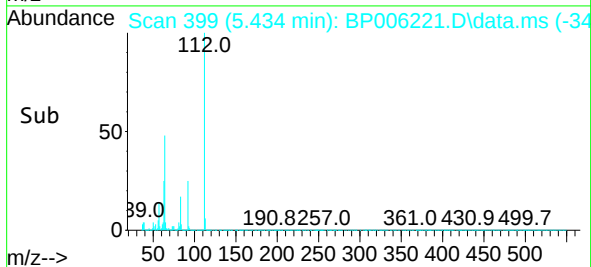
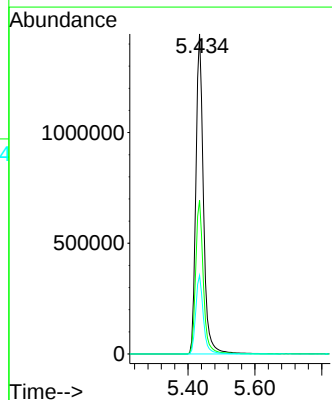
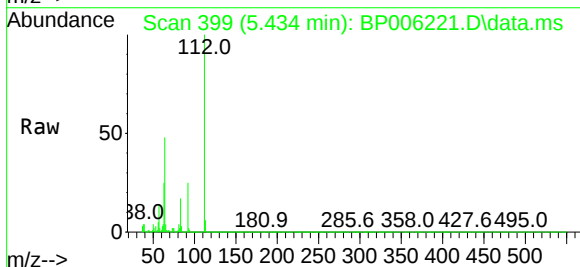
Instrument :
BNA_P
ClientSampleId :
PS-TP2

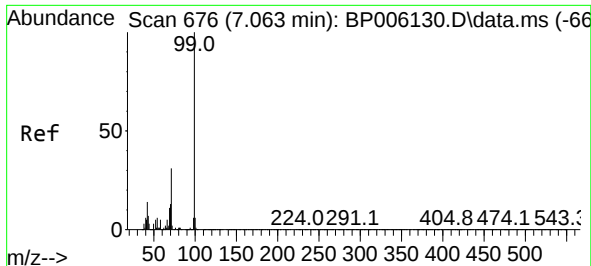
Tgt Ion:152 Resp: 280769
Ion Ratio Lower Upper
152 100
150 157.7 125.6 188.4
115 57.8 48.5 72.7



#5
2-Fluorophenol
Concen: 139.800 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.005 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

Tgt Ion:112 Resp: 2281212
Ion Ratio Lower Upper
112 100
64 48.0 41.4 62.2
63 24.6 23.8 35.8

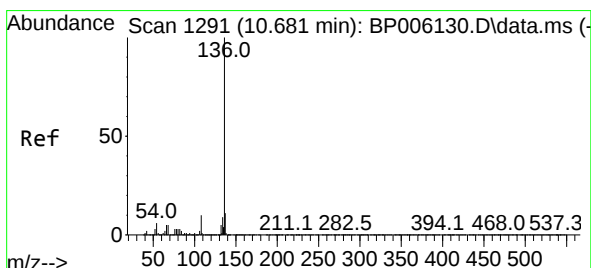
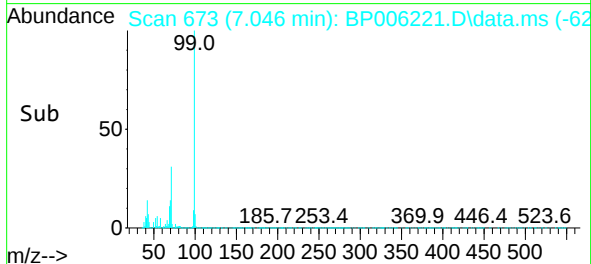
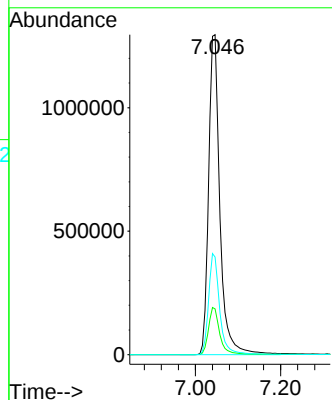
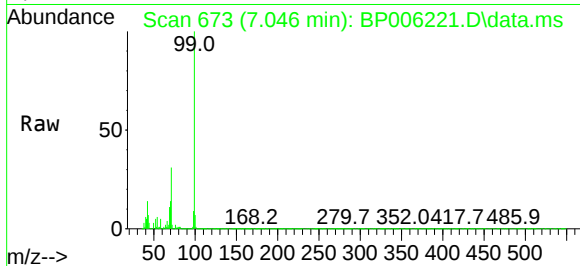




#7
Phenol-d6
Concen: 110.399 ng
RT: 7.046 min Scan# 673
Delta R.T. 0.001 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

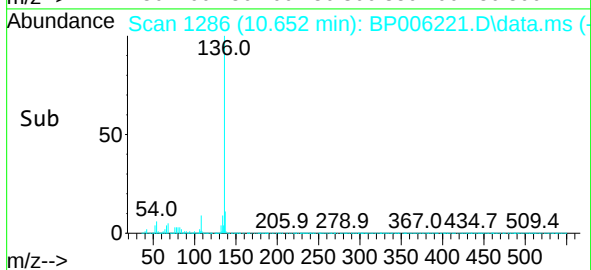
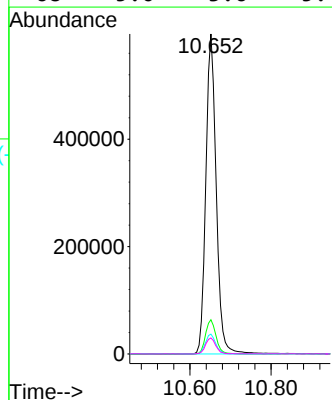
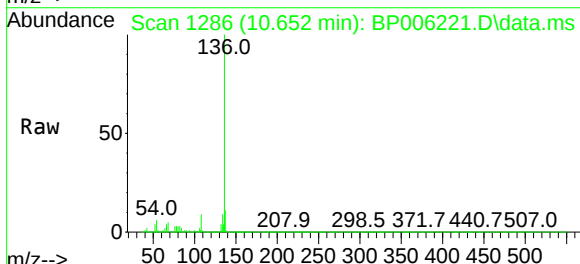
Instrument :
BNA_P
ClientSampleId :
PS-TP2

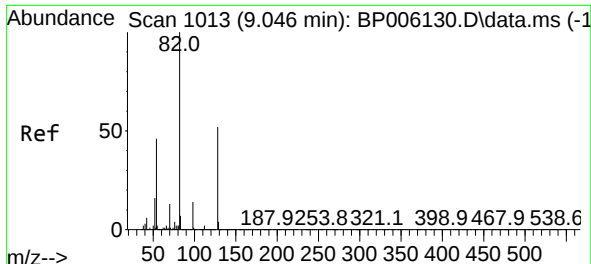
Tgt Ion: 99 Resp: 2382837
Ion Ratio Lower Upper
99 100
42 14.3 13.4 20.0
71 30.5 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

Tgt Ion: 136 Resp: 1054062
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.2 4.6 6.8
68 5.0 3.6 5.4

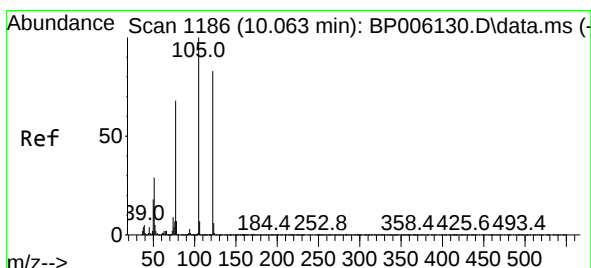
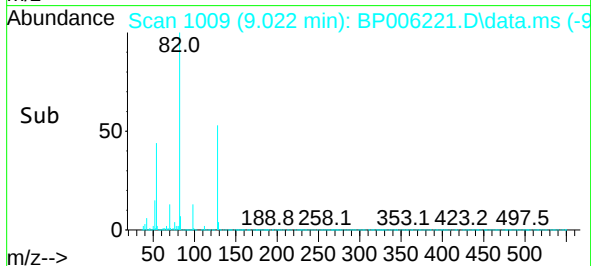
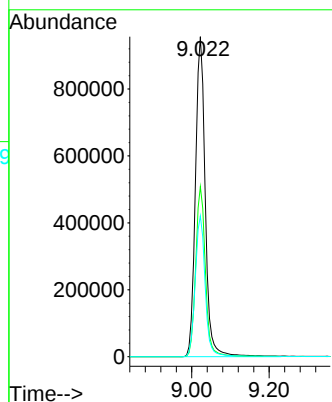
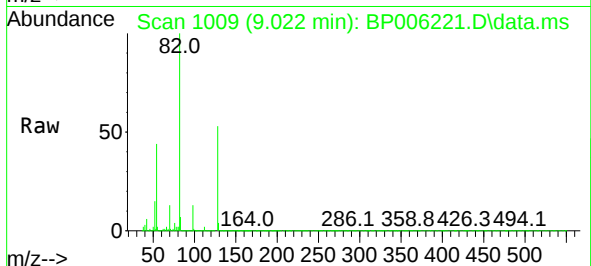




#23
Nitrobenzene-d5
Concen: 100.956 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

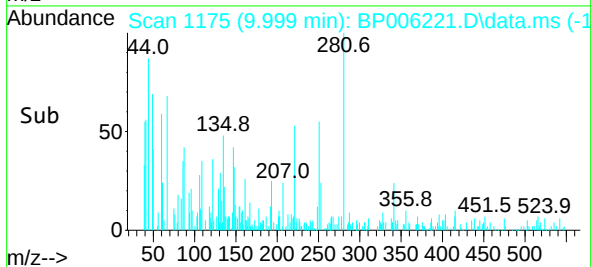
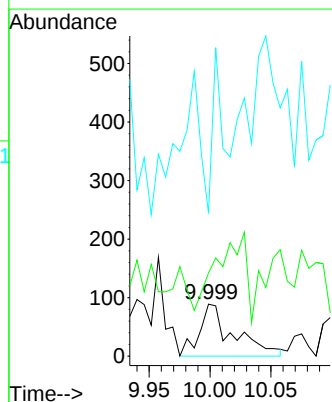
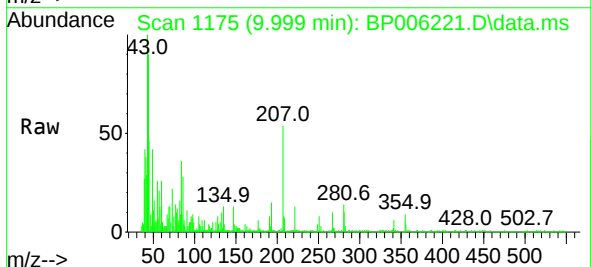
Instrument :
BNA_P
ClientSampleId :
PS-TP2

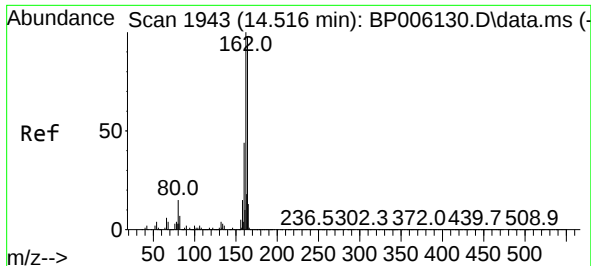
Tgt Ion: 82 Resp: 1684686
Ion Ratio Lower Upper
82 100
128 53.1 35.7 53.5
54 44.0 35.0 52.4



#32
Benzoic acid
Concen: 6.917 ng
RT: 9.999 min Scan# 1175
Delta R.T. -0.064 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

Tgt Ion: 122 Resp: 173
Ion Ratio Lower Upper
122 100
105 159.6 103.2 143.2#
77 274.2 76.2 116.2#

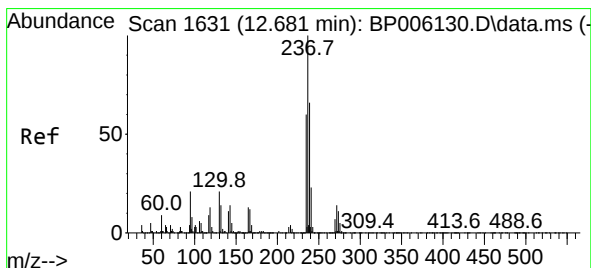
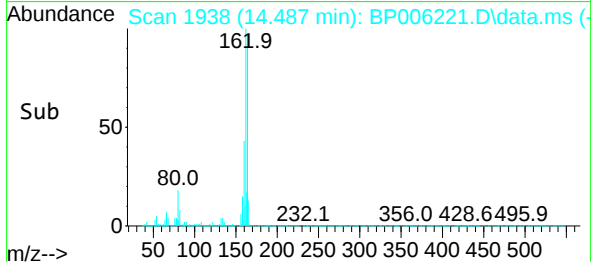
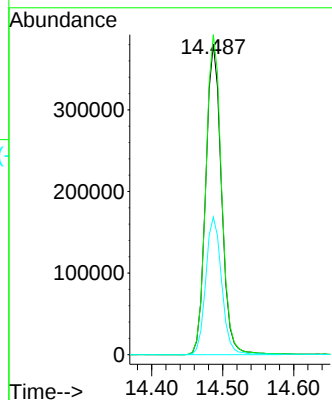
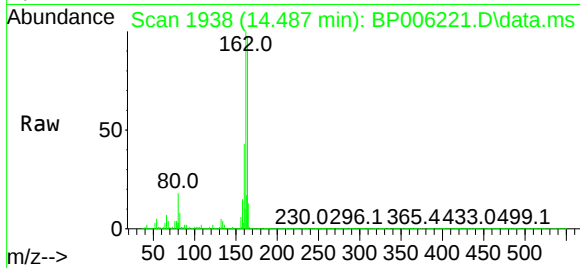




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

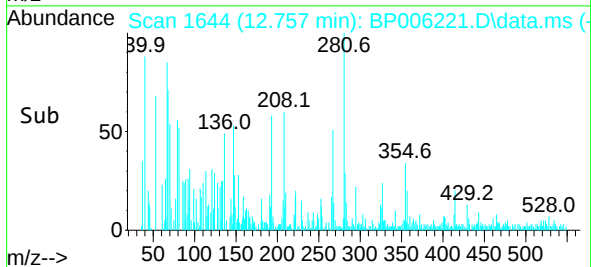
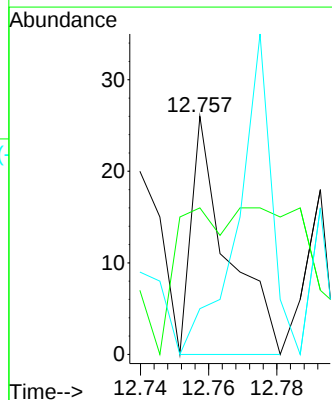
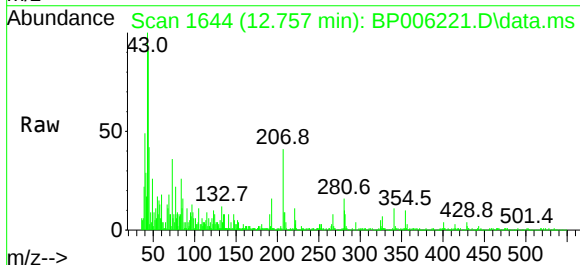
Instrument :
BNA_P
ClientSampleId :
PS-TP2

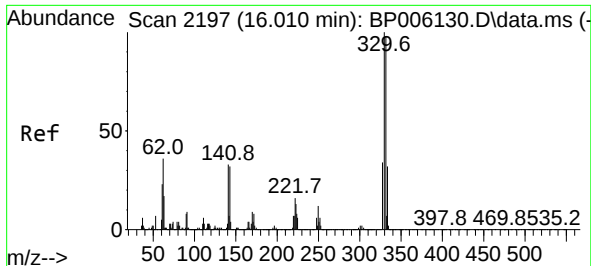
Tgt Ion:164 Resp: 586577
Ion Ratio Lower Upper
164 100
162 103.1 80.2 120.2
160 44.3 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.706 ng
RT: 12.757 min Scan# 1644
Delta R.T. 0.089 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

Tgt Ion:237 Resp: 19
Ion Ratio Lower Upper
237 100
235 61.5 44.5 84.5
272 19.2 0.0 32.5

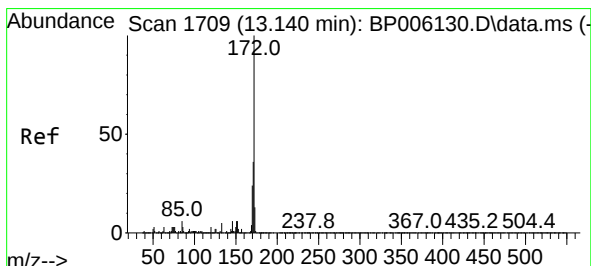
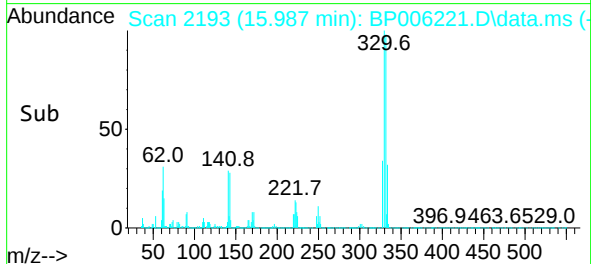
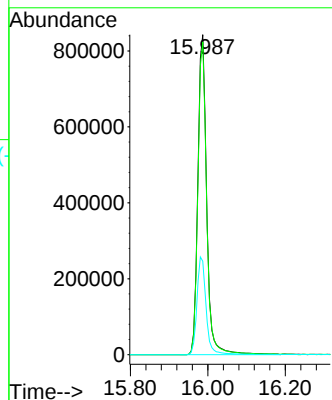
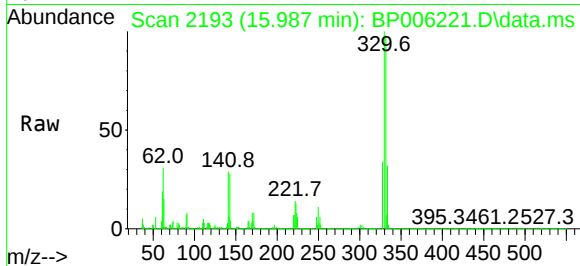




#42
2,4,6-Tribromophenol
Concen: 191.072 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

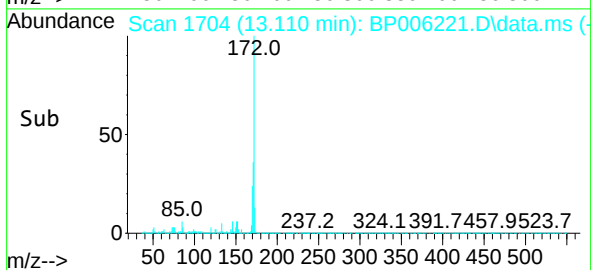
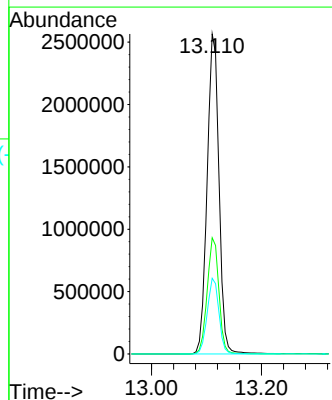
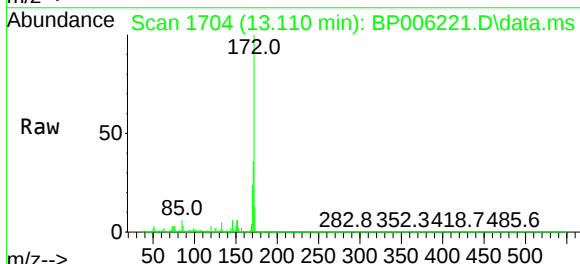
Instrument :
BNA_P
ClientSampled :
PS-TP2

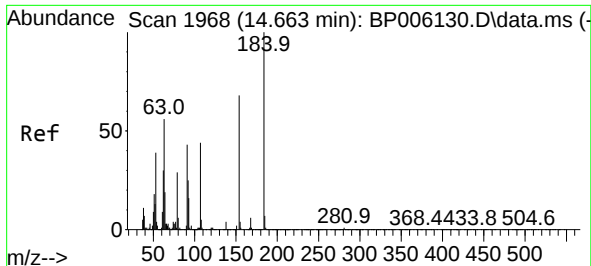
Tgt Ion:330 Resp: 1334364
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 31.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 96.668 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

Tgt Ion:172 Resp: 3835580
Ion Ratio Lower Upper
172 100
171 36.3 27.9 41.9
170 23.7 18.6 27.8

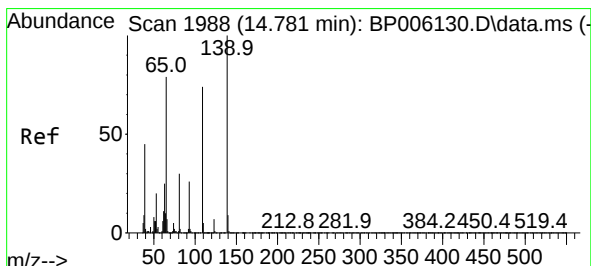
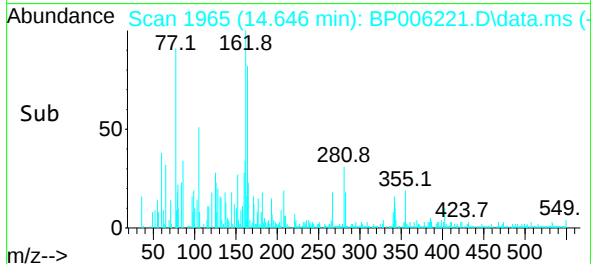
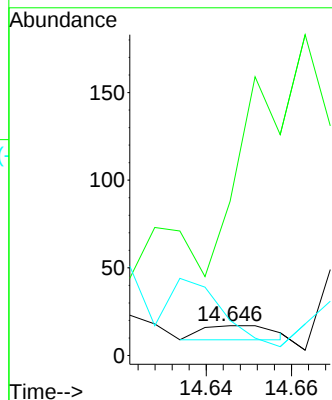
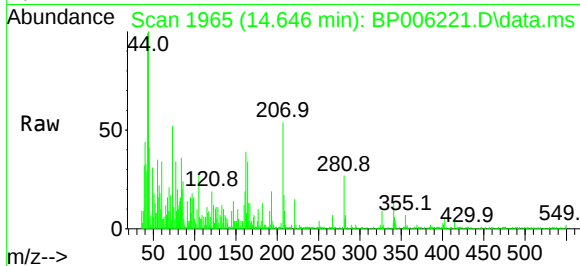




#54
2,4-Dinitrophenol
Concen: 8.881 ng
RT: 14.646 min Scan# 1965
Delta R.T. -0.011 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

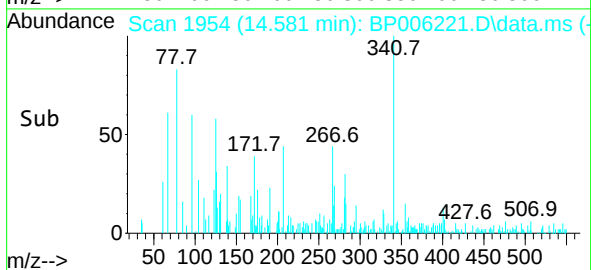
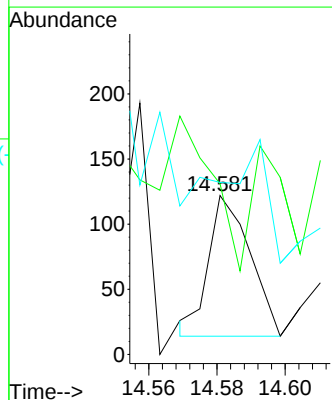
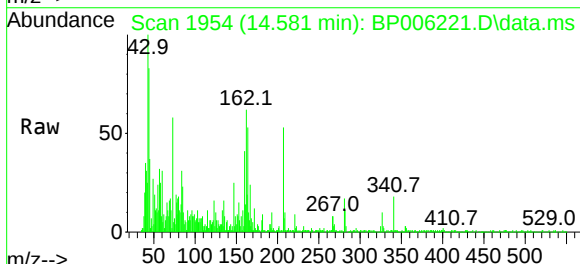
Instrument :
BNA_P
ClientSampled :
PS-TP2

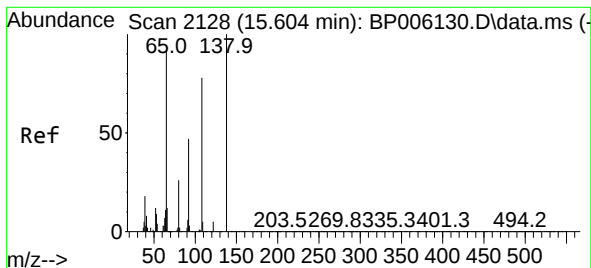
Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 229.5 47.0 70.6#
154 45.5 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.136 ng
RT: 14.581 min Scan# 1954
Delta R.T. -0.188 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

Tgt Ion:139 Resp: 91
Ion Ratio Lower Upper
139 100
109 107.4 72.3 112.3
65 108.2 72.5 112.5

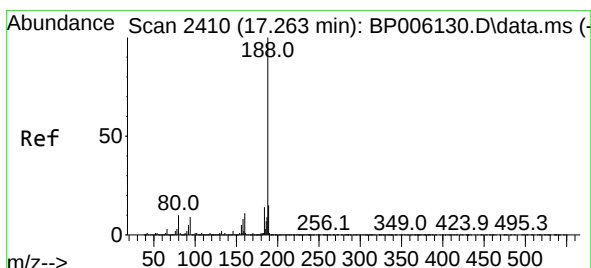
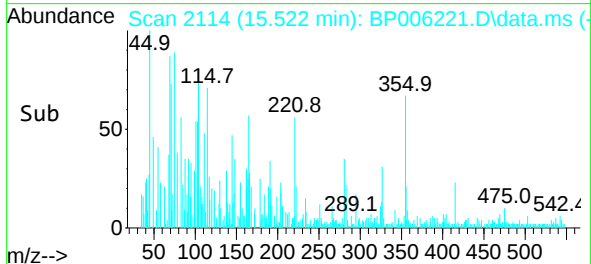
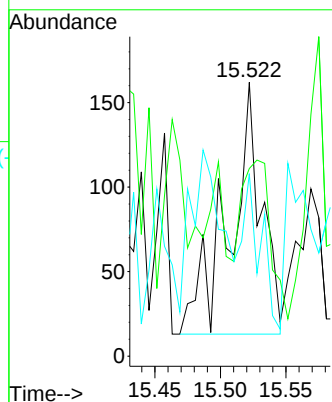
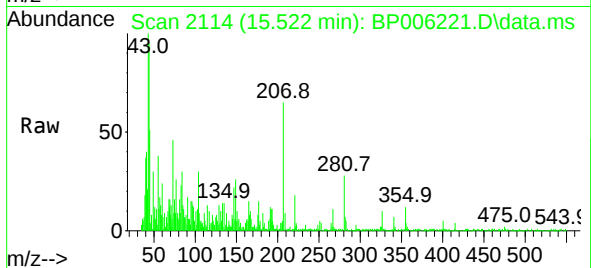




#62
4-Nitroaniline
Concen: 2.983 ng
RT: 15.522 min Scan# 2114
Delta R.T. -0.070 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

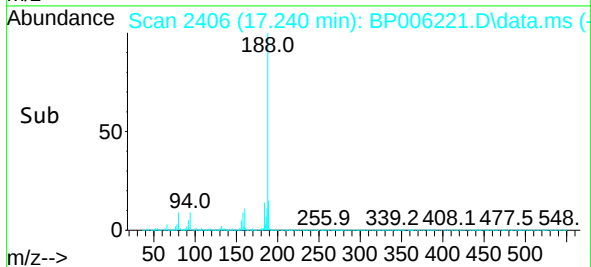
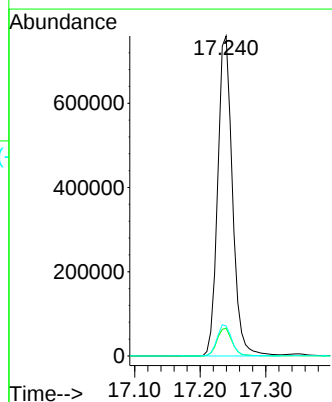
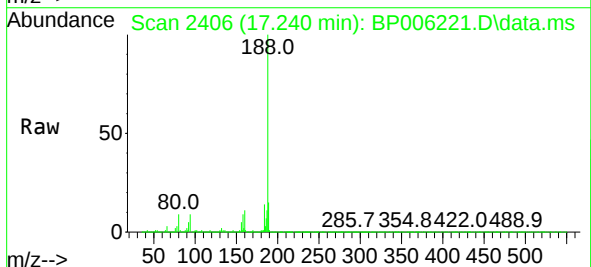
Instrument :
BNA_P
ClientSampled :
PS-TP2

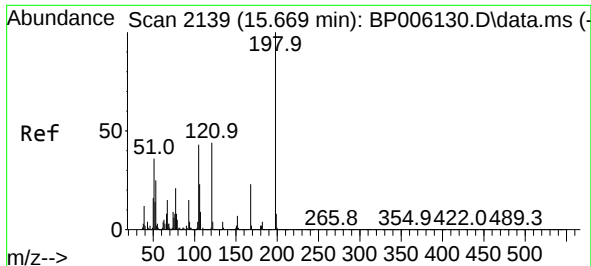
Tgt Ion:138 Resp: 253
Ion Ratio Lower Upper
138 100
92 68.5 31.2 71.2
108 111.1 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.240 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

Tgt Ion:188 Resp: 1181191
Ion Ratio Lower Upper
188 100
94 8.7 5.6 8.4#
80 9.4 6.3 9.5

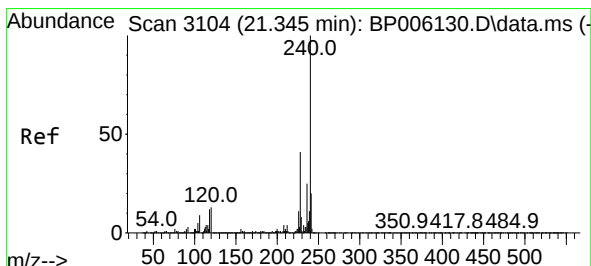
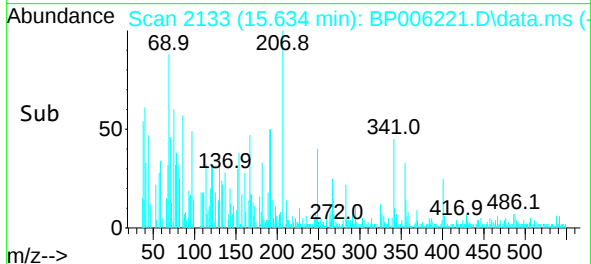
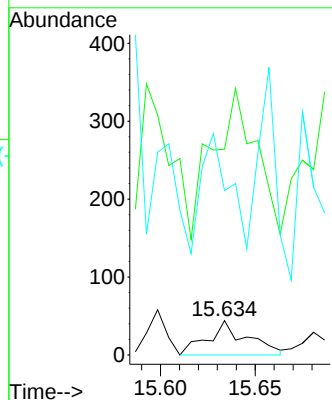
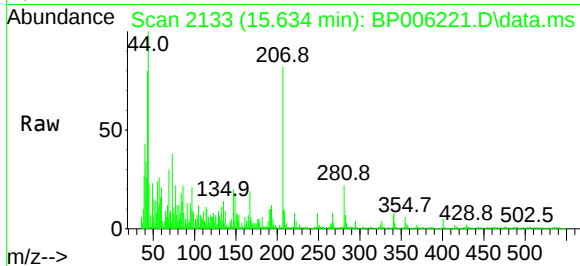




#65
4,6-Dinitro-2-methylphenol
Concen: 4.426 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.023 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

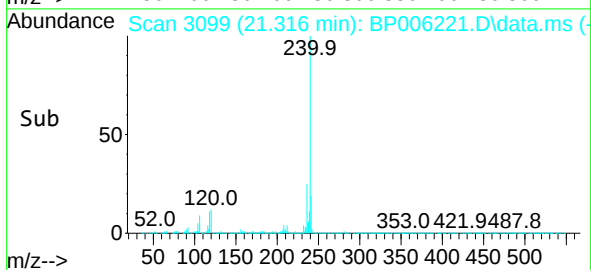
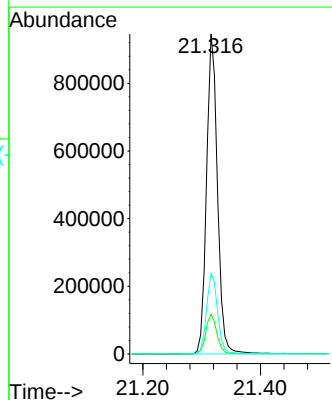
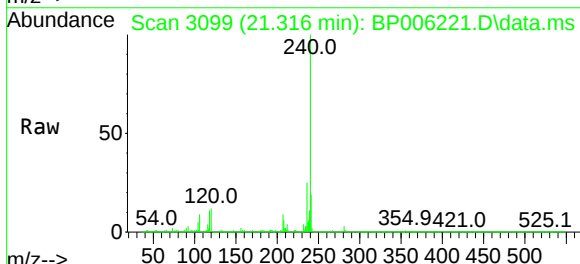
Instrument :
BNA_P
ClientSampleId :
PS-TP2

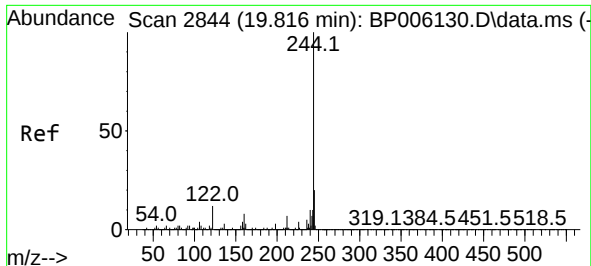
Tgt Ion:198 Resp: 63
Ion Ratio Lower Upper
198 100
51 600.0 14.0 54.0#
105 479.5 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP006221.D
Acq: 14 Jul 2021 16:44

Tgt Ion:240 Resp: 1221168
Ion Ratio Lower Upper
240 100
120 12.4 6.5 9.7#
236 25.2 20.6 31.0

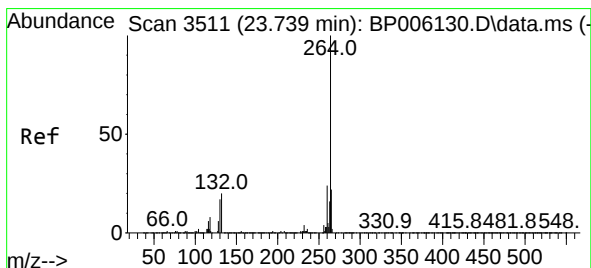
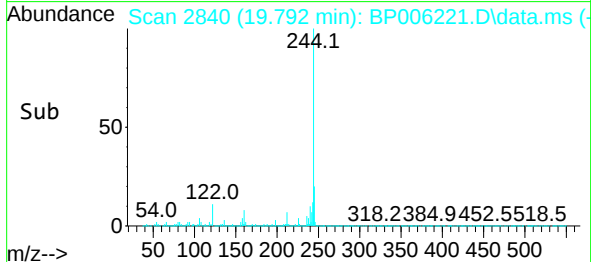
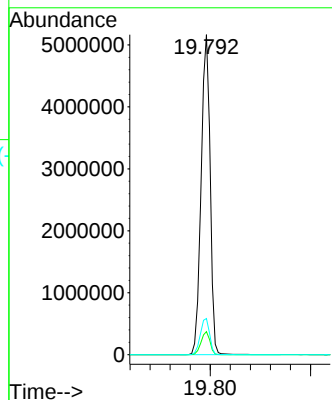
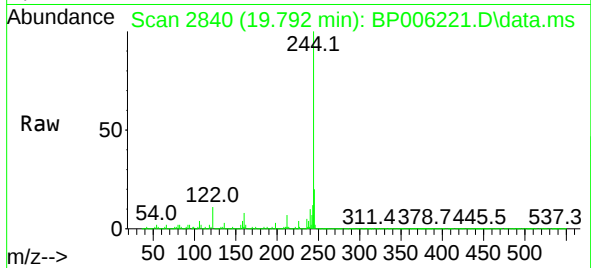




#79
 Terphenyl-d14
 Concen: 103.614 ng
 RT: 19.792 min Scan# 2840
 Delta R.T. -0.011 min
 Lab File: BP006221.D
 Acq: 14 Jul 2021 16:44

Instrument :
 BNA_P
 ClientSampleId :
 PS-TP2

Tgt Ion:244 Resp: 6417571
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.3 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 3504
 Delta R.T. -0.017 min
 Lab File: BP006221.D
 Acq: 14 Jul 2021 16:44

Tgt Ion:264 Resp: 1383260
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 22.1 17.6 26.4

