

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
 Data File : BP006168.D
 Acq On : 09 Jul 2021 19:15
 Operator : CG/JU
 Sample : M2990-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-K

Quant Time: Jul 10 01:12:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 16:08:13 2021
 Response via : Initial Calibration

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

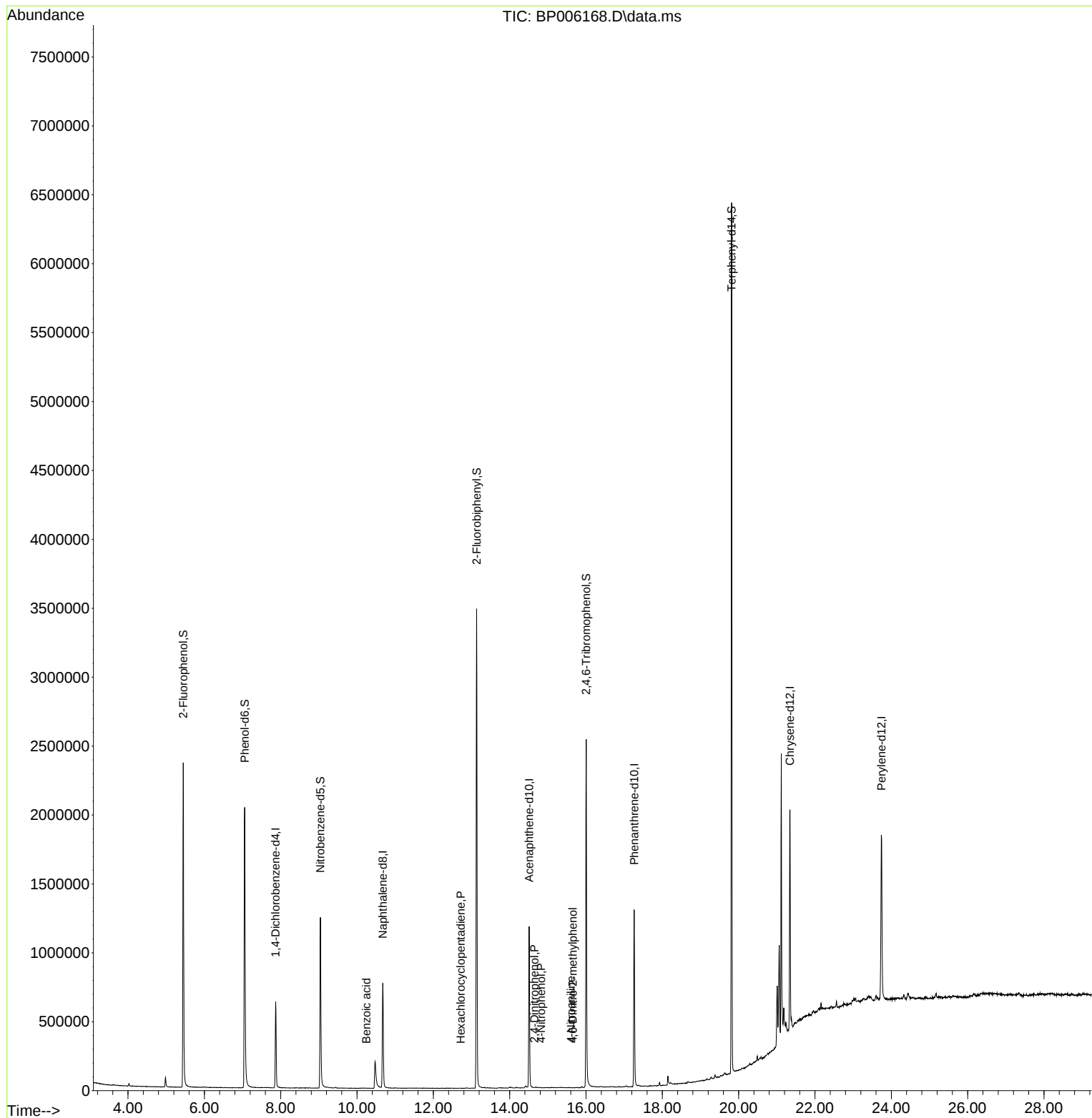
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	183084	20.00	ng	0.00
21) Naphthalene-d8	10.675	136	709335	20.00	ng	0.00
39) Acenaphthene-d10	14.510	164	414238	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	792823	20.00	ng	# 0.00
76) Chrysene-d12	21.345	240	761282	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	873572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1179162	110.82	ng	-0.01
7) Phenol-d6	7.058	99	1394155	99.06	ng	0.00
23) Nitrobenzene-d5	9.040	82	777280	69.22	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	499032	101.19	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1834676	65.48	ng	0.00
79) Terphenyl-d14	19.816	244	2643612	68.47	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.246	122	101	6.91	ng	82
41) Hexachlorocyclopentadiene	12.716	237	12	8.71	ng	77
54) 2,4-Dinitrophenol	14.645	184	14	8.88	ng	# 13
56) 4-Nitrophenol	14.822	139	58	7.13	ng	91
62) 4-Nitroaniline	15.610	138	74	2.97	ng	# 29
65) 4,6-Dinitro-2-methylph...	15.657	198	16	4.42	ng	# 1

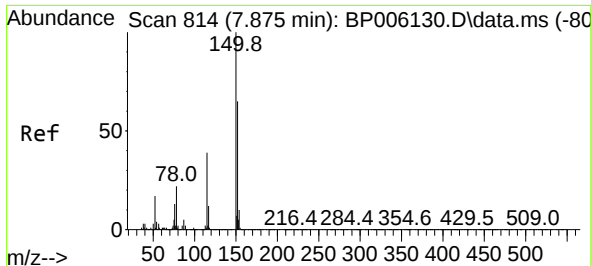
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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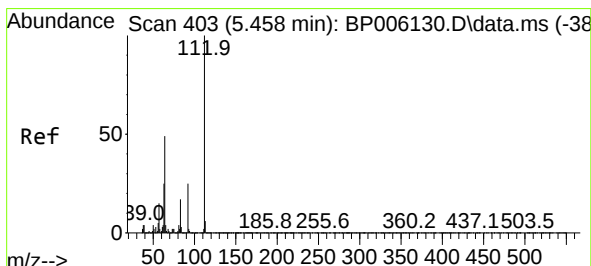
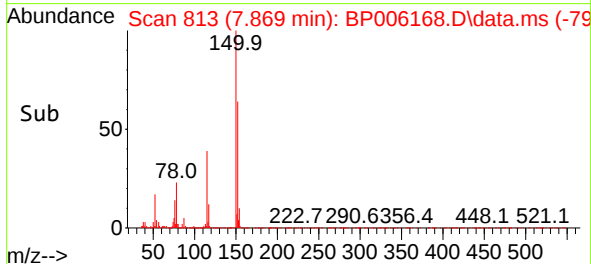
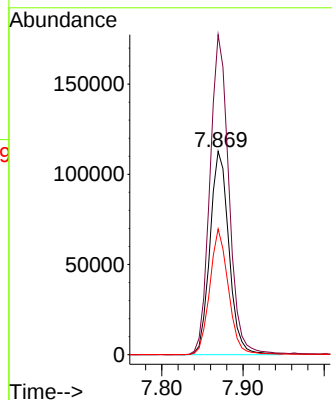
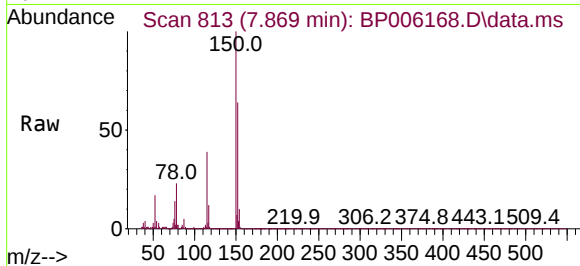




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

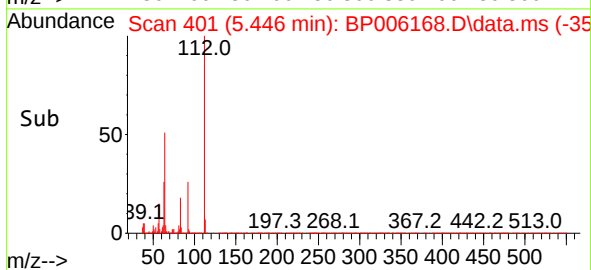
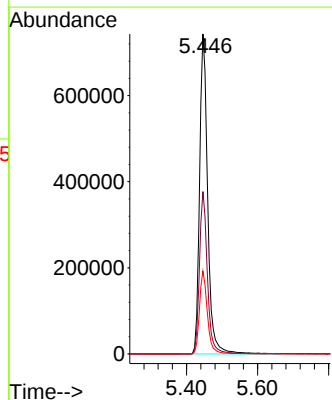
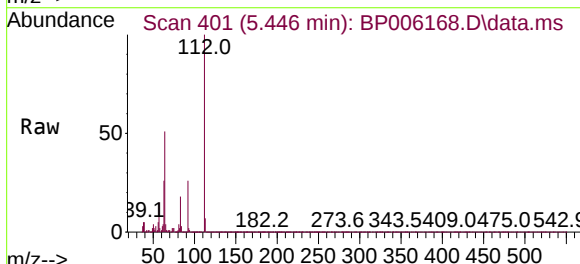
Instrument :
BNA_P
ClientSampleId :
TP-K

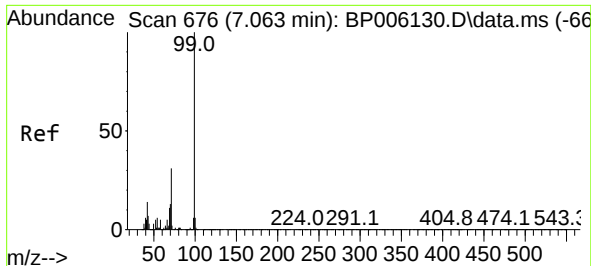
Tgt Ion:152 Resp: 183084
Ion Ratio Lower Upper
152 100
150 157.4 125.6 188.4
115 61.9 48.5 72.7



#5
2-Fluorophenol
Concen: 110.82 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

Tgt Ion:112 Resp: 1179162
Ion Ratio Lower Upper
112 100
64 50.7 41.4 62.2
63 25.9 23.8 35.8

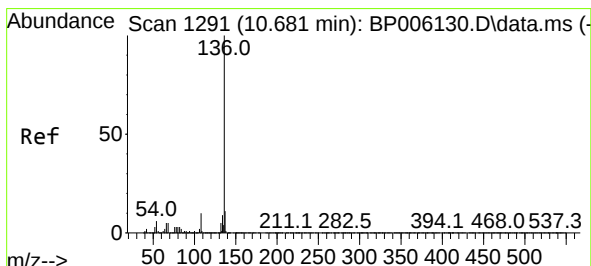
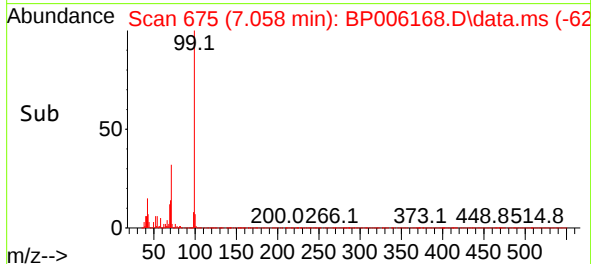
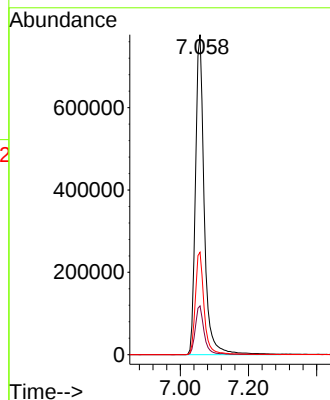
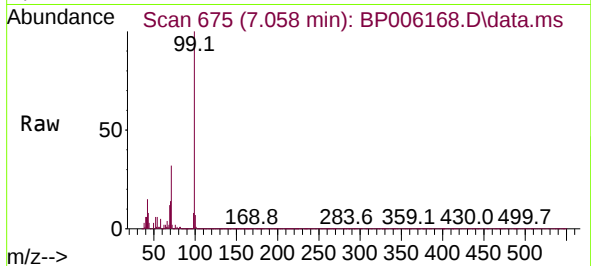




#7
Phenol-d6
Concen: 99.06 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

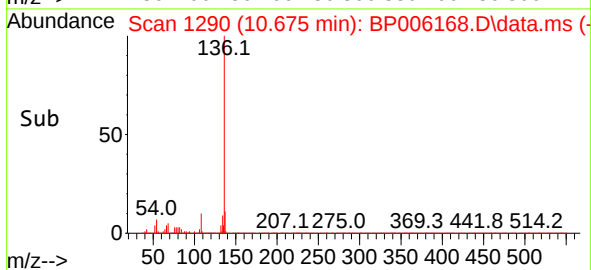
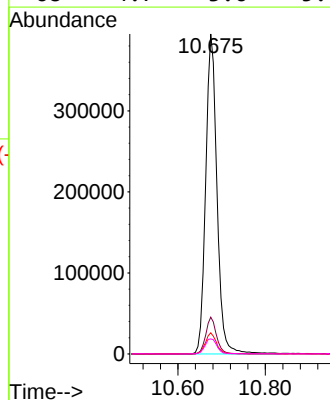
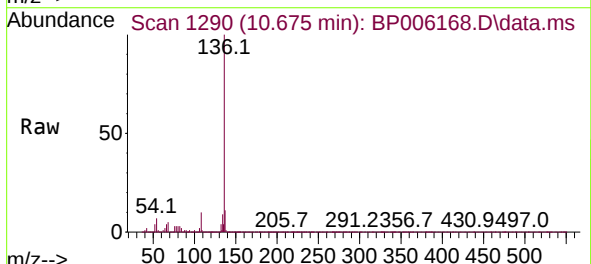
Instrument :
BNA_P
ClientSampled :
TP-K

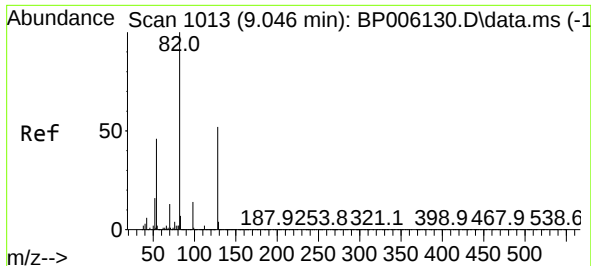
Tgt Ion: 99 Resp: 1394155
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 32.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

Tgt Ion: 136 Resp: 709335
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 6.6 4.6 6.8
68 4.7 3.6 5.4

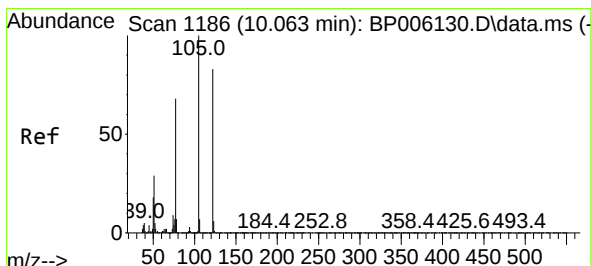
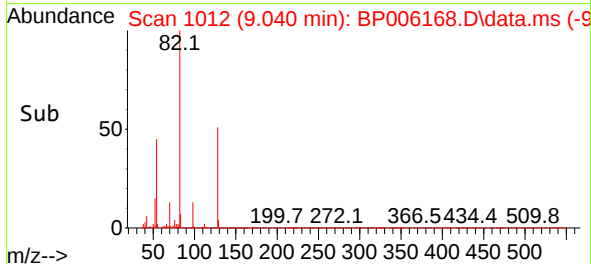
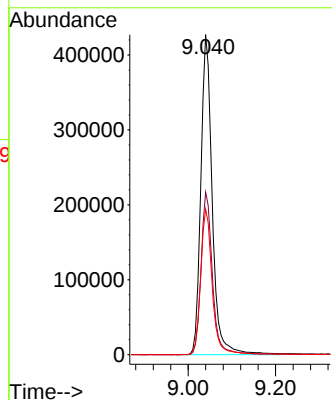
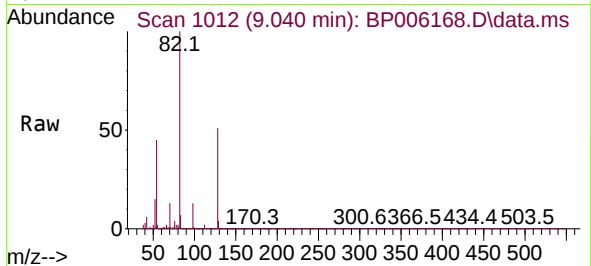




#23
Nitrobenzene-d5
Concen: 69.22 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

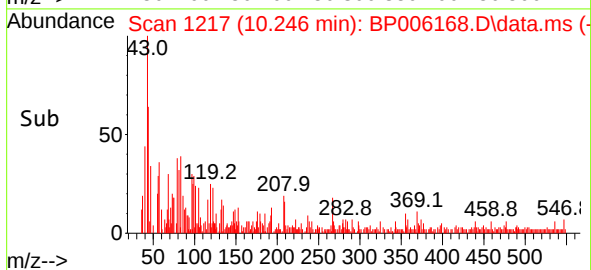
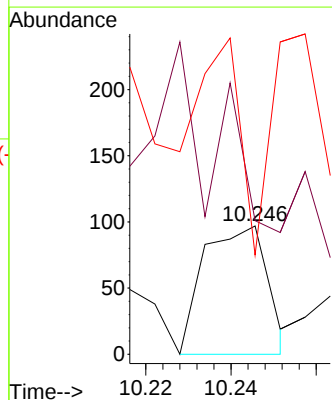
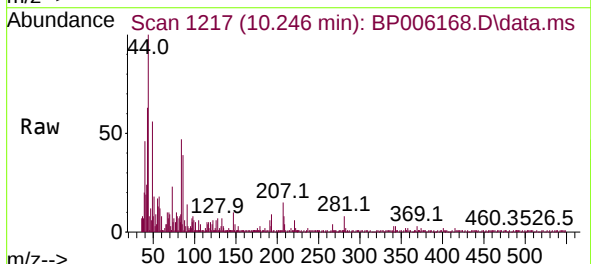
Instrument :
BNA_P
ClientSampleId :
TP-K

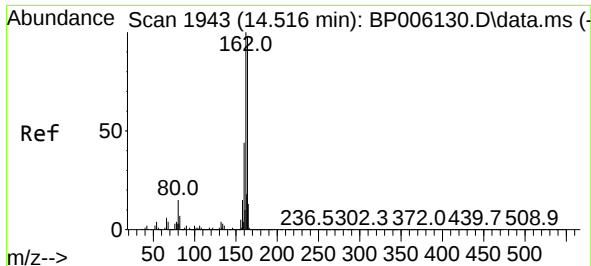
Tgt Ion: 82 Resp: 777280
Ion Ratio Lower Upper
82 100
128 50.8 35.7 53.5
54 45.5 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.246 min Scan# 1217
Delta R.T. 0.183 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

Tgt Ion: 122 Resp: 101
Ion Ratio Lower Upper
122 100
105 104.1 103.2 143.2
77 77.3 76.2 116.2

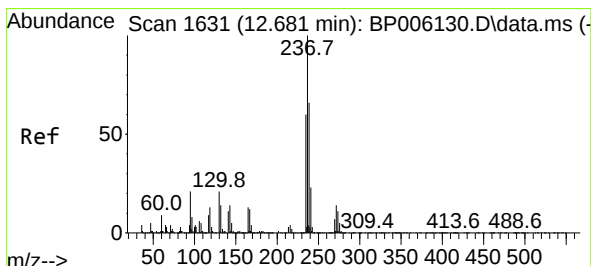
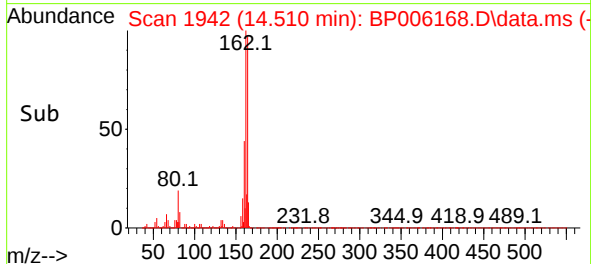
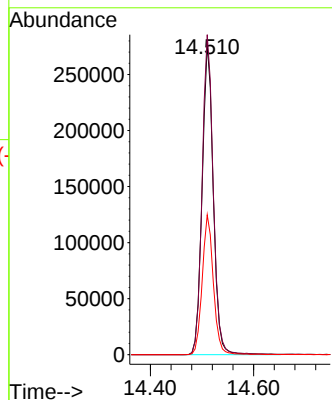
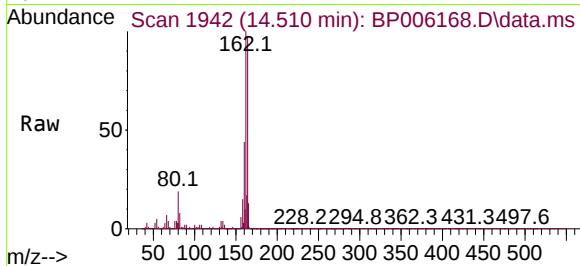




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

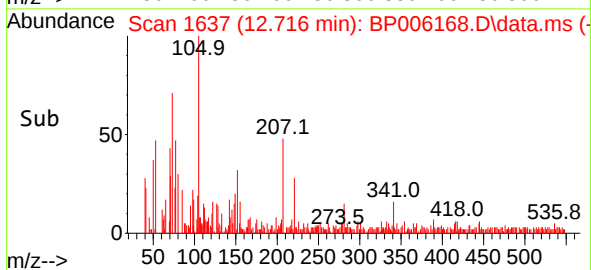
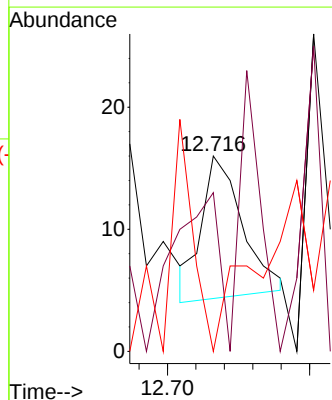
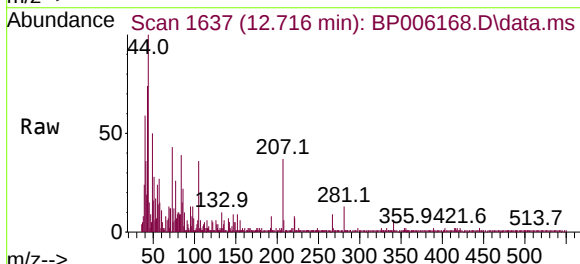
Instrument :
BNA_P
ClientSampled :
TP-K

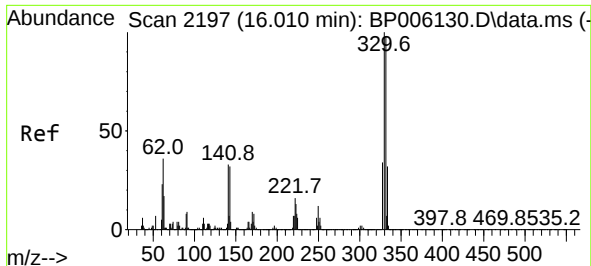
Tgt Ion:164 Resp: 414238
Ion Ratio Lower Upper
164 100
162 103.1 80.2 120.2
160 45.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.716 min Scan# 1637
Delta R.T. 0.035 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

Tgt Ion:237 Resp: 12
Ion Ratio Lower Upper
237 100
235 81.3 44.5 84.5
272 0.0 0.0 32.5

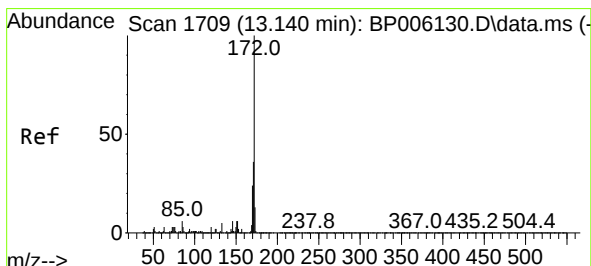
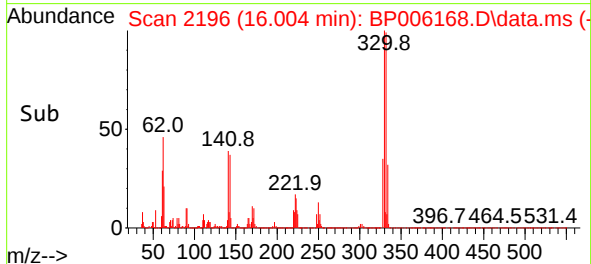
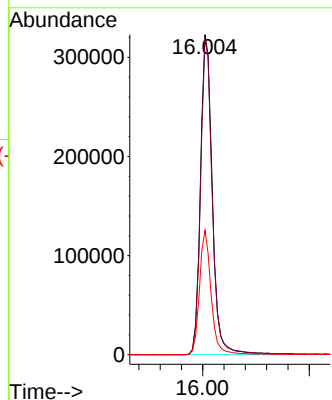
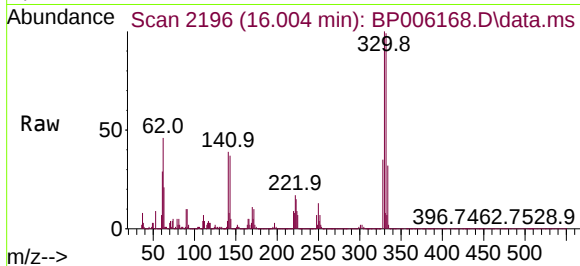




#42
2,4,6-Tribromophenol
Concen: 101.19 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

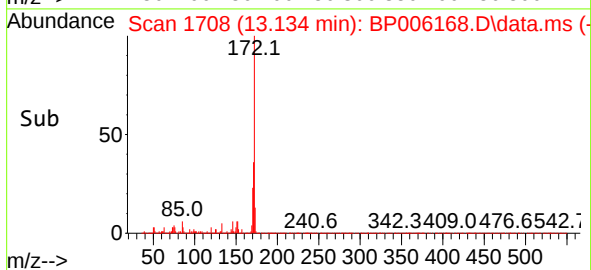
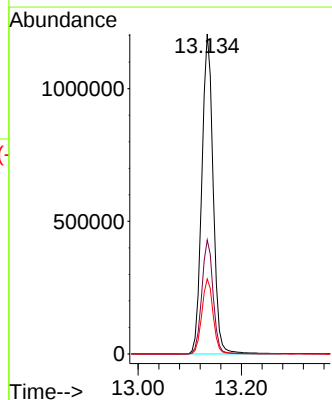
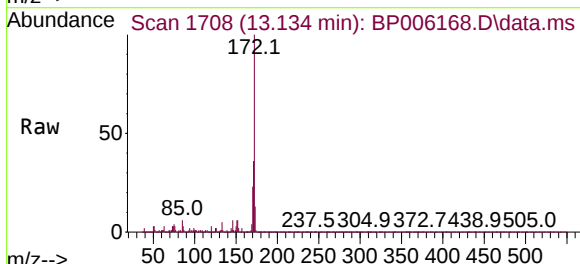
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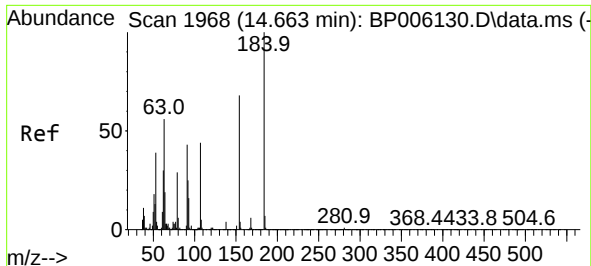
Tgt Ion:330 Resp: 499032
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.8
141 38.3 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 65.48 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

Tgt Ion:172 Resp: 1834676
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.5 18.6 27.8

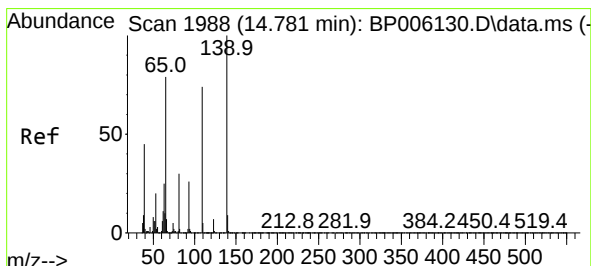
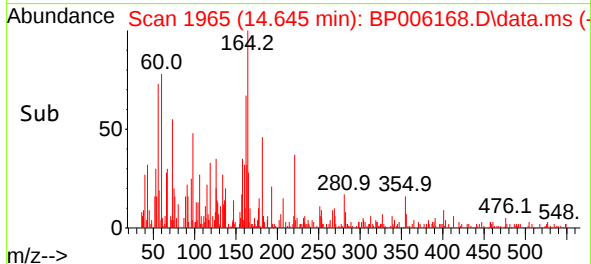
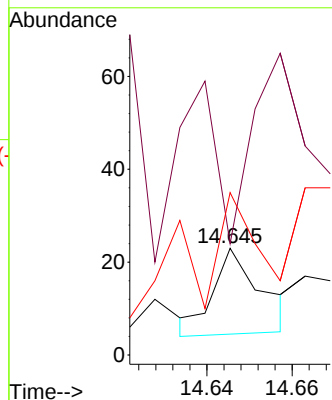
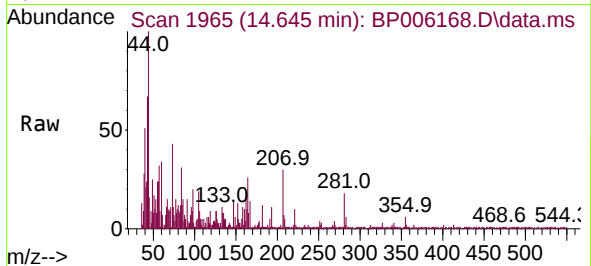




#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 14.645 min Scan# 1965
Delta R.T. -0.018 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

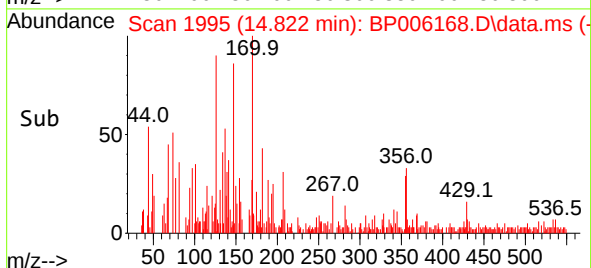
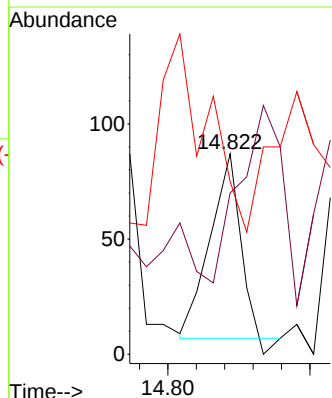
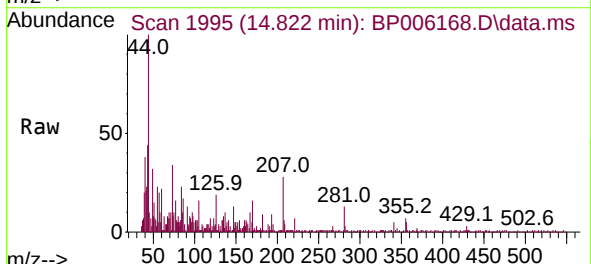
Instrument :
BNA_P
ClientSampled :
TP-K

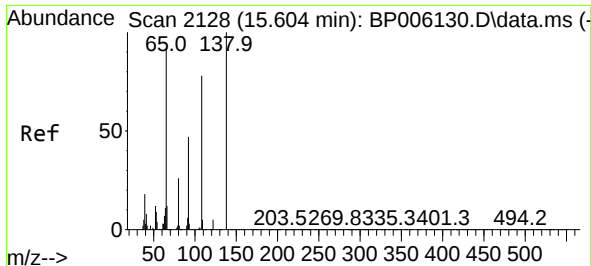
Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 104.3 47.0 70.6#
154 152.2 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.13 ng
RT: 14.822 min Scan# 1995
Delta R.T. 0.041 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

Tgt Ion:139 Resp: 58
Ion Ratio Lower Upper
139 100
109 80.5 72.3 112.3
65 86.2 72.5 112.5

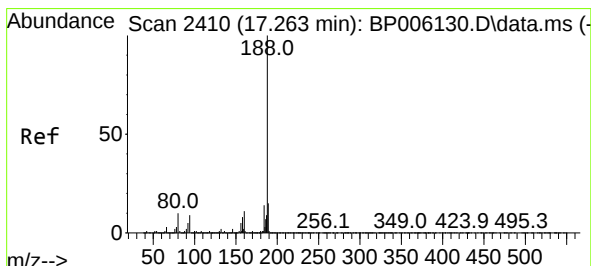
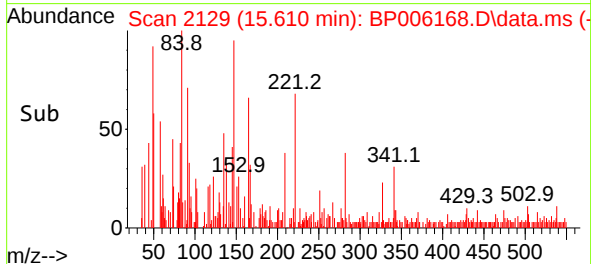
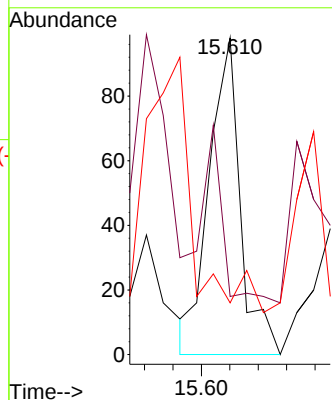
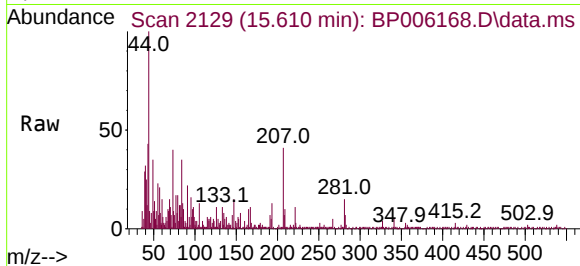




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.610 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

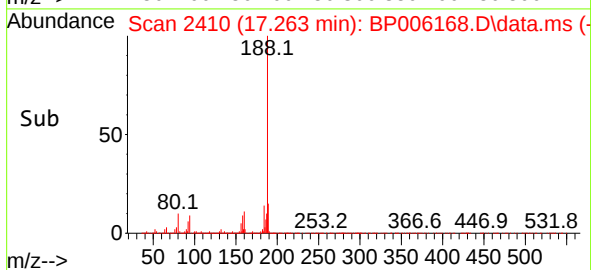
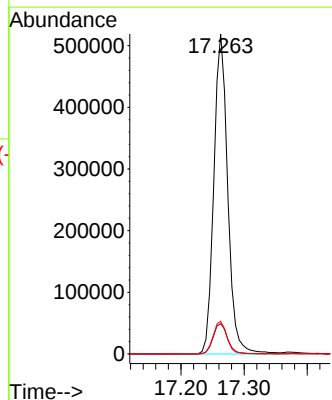
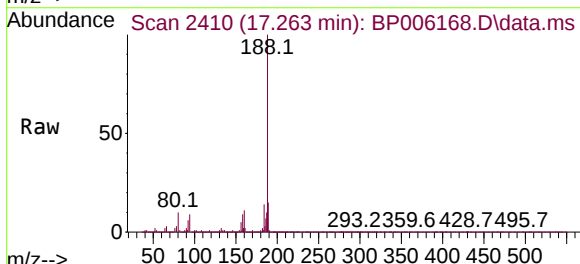
Instrument :
BNA_P
ClientSampled :
TP-K

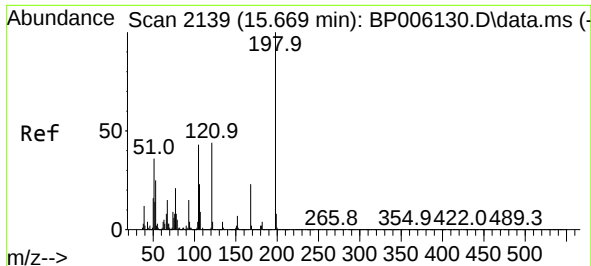
Tgt Ion:138 Resp: 74
Ion Ratio Lower Upper
138 100
92 18.4 31.2 71.2#
108 16.3 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

Tgt Ion:188 Resp: 792823
Ion Ratio Lower Upper
188 100
94 9.4 5.6 8.4#
80 10.2 6.3 9.5#

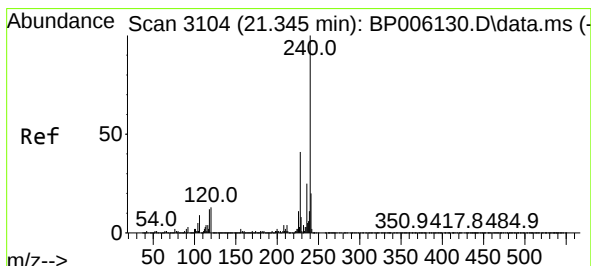
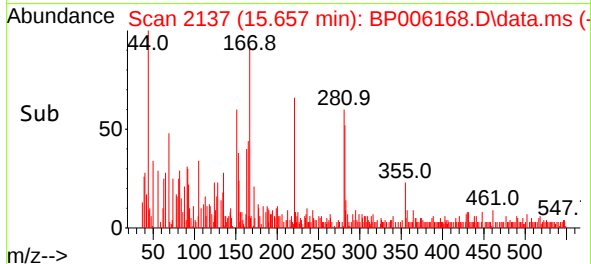
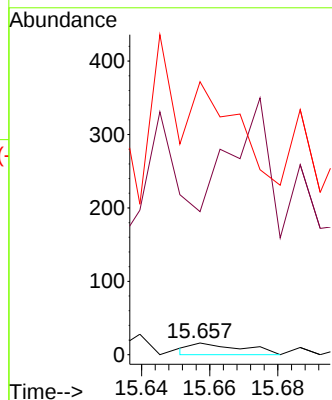
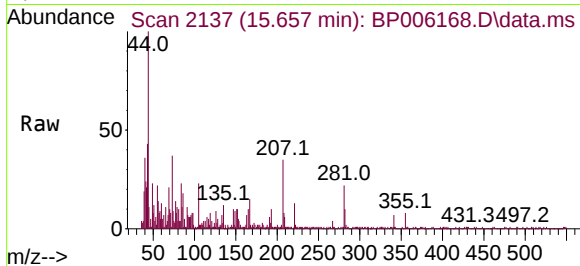




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

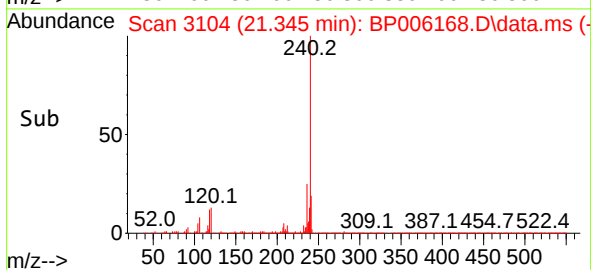
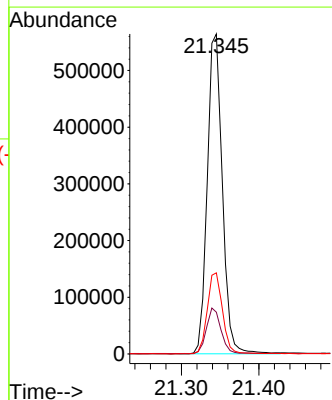
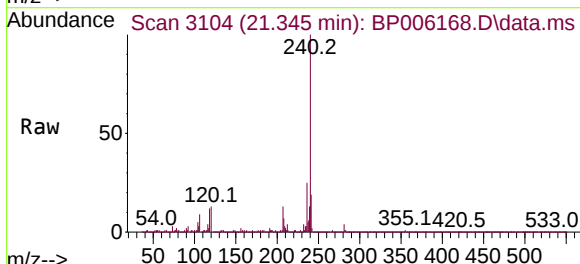
Instrument :
BNA_P
ClientSampled :
TP-K

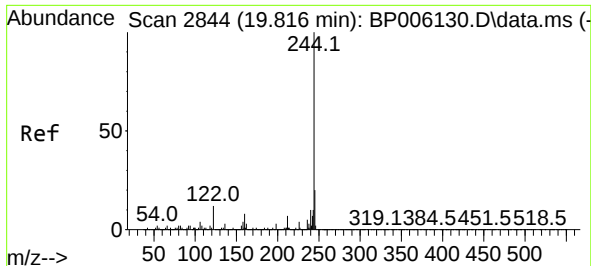
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 1218.8 14.0 54.0#
105 2325.0 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

Tgt Ion:240 Resp: 761282
Ion Ratio Lower Upper
240 100
120 13.0 6.5 9.7#
236 25.3 20.6 31.0

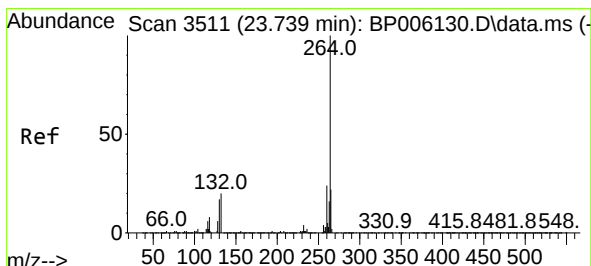
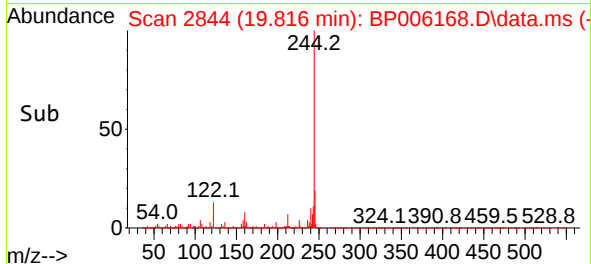
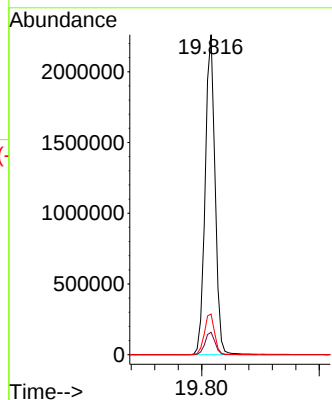
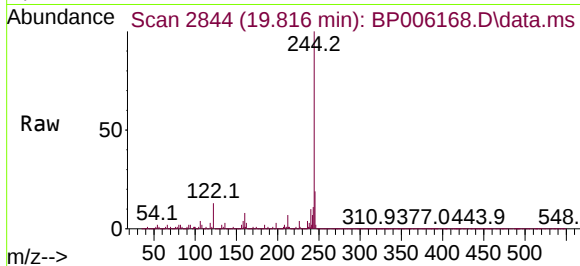




#79
Terphenyl-d14
Concen: 68.47 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

Instrument :
BNA_P
ClientSampleId :
TP-K

Tgt Ion:244 Resp: 2643612
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 12.7 7.1 10.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.739 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP006168.D
Acq: 09 Jul 2021 19:15

Tgt Ion:264 Resp: 873572
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.3 17.6 26.4

