

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
 Data File : BP006165.D
 Acq On : 09 Jul 2021 17:32
 Operator : CG/JU
 Sample : M2969-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB03

Quant Time: Jul 10 01:11:36 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)

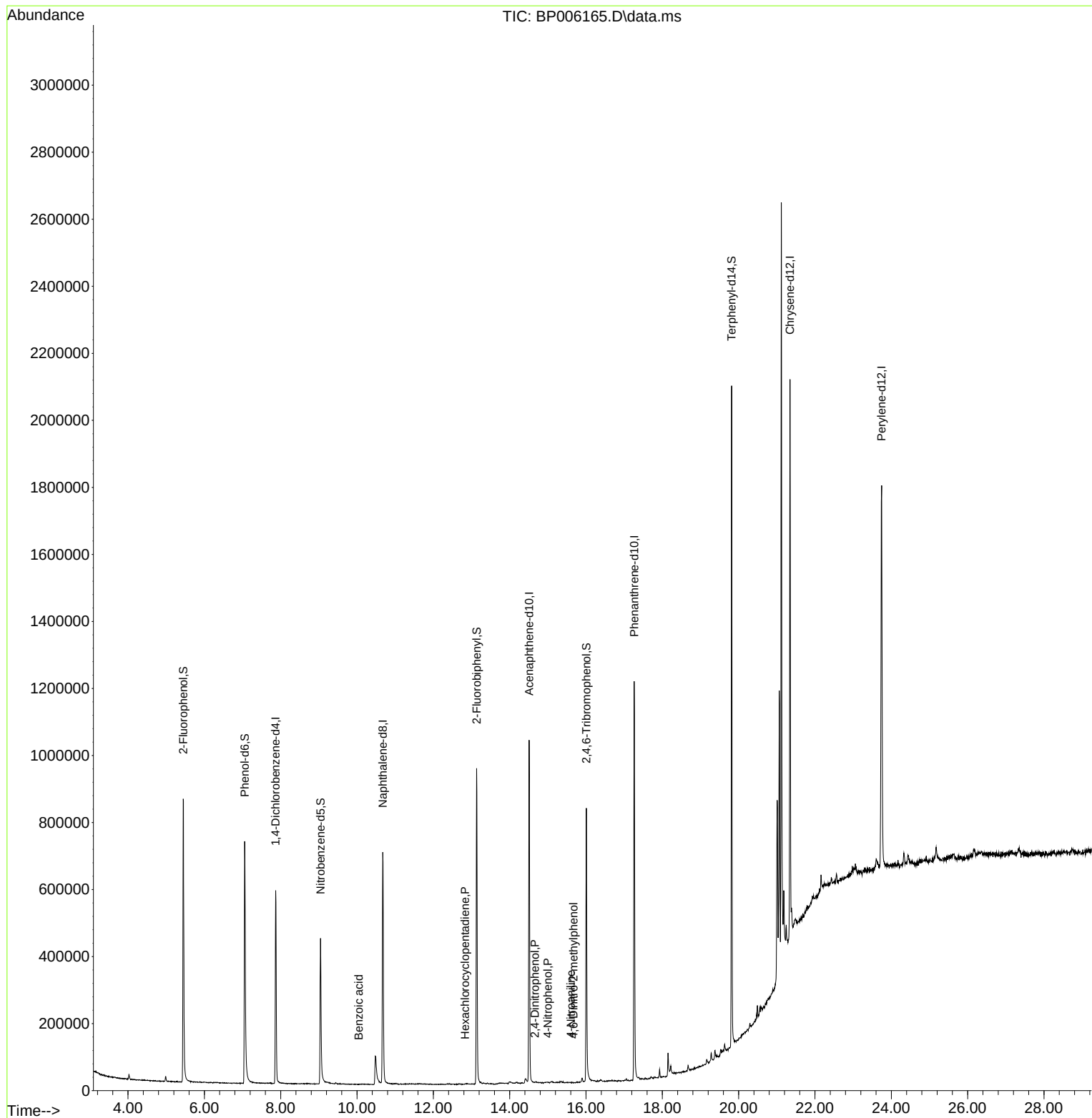
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	175215	20.00	ng	0.00
21) Naphthalene-d8	10.675	136	669385	20.00	ng	0.00
39) Acenaphthene-d10	14.510	164	382957	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	735304	20.00	ng	# 0.00
76) Chrysene-d12	21.345	240	735818	20.00	ng	# 0.00
86) Perylene-d12	23.745	264	855307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	464329	45.60	ng	-0.01
7) Phenol-d6	7.057	99	551890	40.97	ng	0.00
23) Nitrobenzene-d5	9.046	82	304013	28.69	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	169048	37.08	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	530529	20.48	ng	0.00
79) Terphenyl-d14	19.816	244	864490	23.16	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.046	122	19	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.834	237	13	8.71	ng	76
54) 2,4-Dinitrophenol	14.663	184	12	8.88	ng	# 1
56) 4-Nitrophenol	14.998	139	72	7.14	ng	89
62) 4-Nitroaniline	15.604	138	68	2.97	ng	# 68
65) 4,6-Dinitro-2-methylph...	15.675	198	23	4.42	ng	# 1

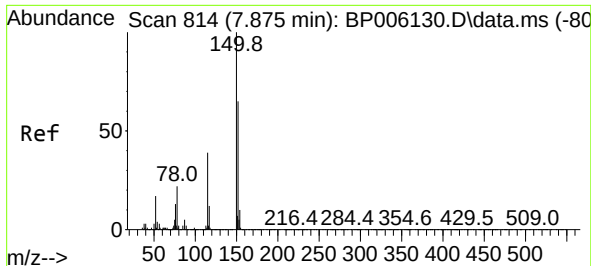
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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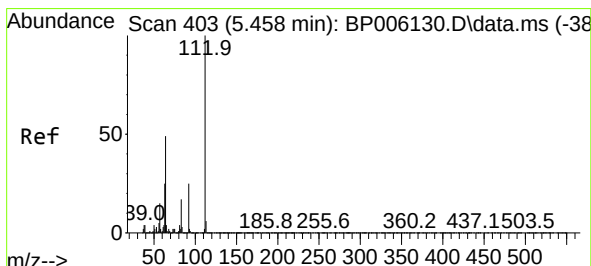
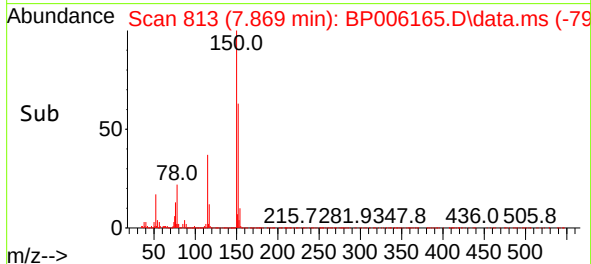
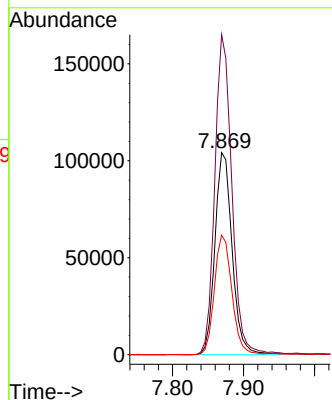
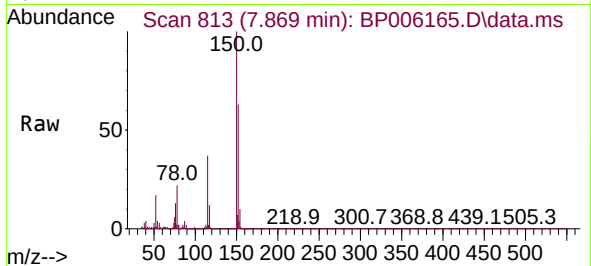




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

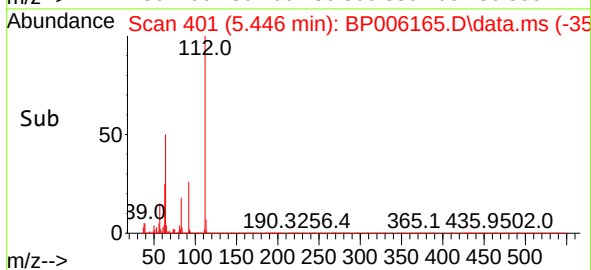
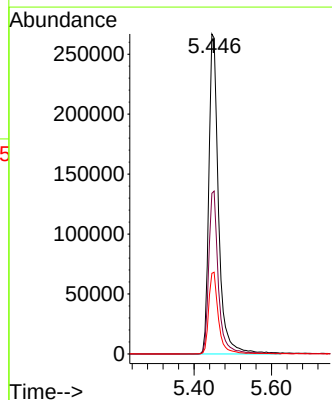
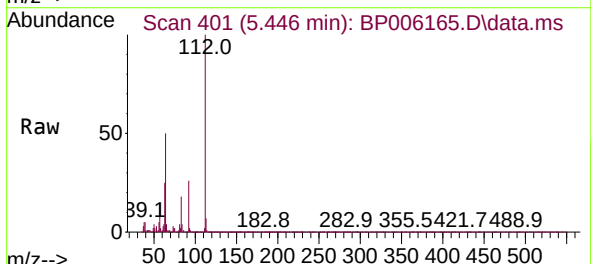
Instrument :
BNA_P
ClientSampleId :
SB03

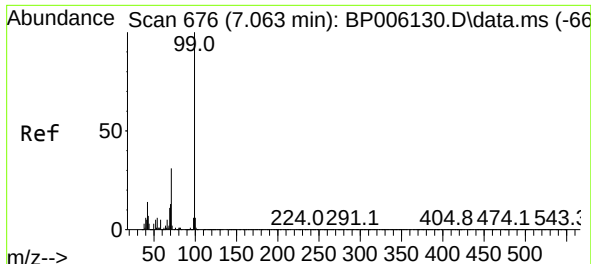
Tgt Ion:152 Resp: 175215
Ion Ratio Lower Upper
152 100
150 158.4 125.6 188.4
115 59.2 48.5 72.7



#5
2-Fluorophenol
Concen: 45.60 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

Tgt Ion:112 Resp: 464329
Ion Ratio Lower Upper
112 100
64 50.2 41.4 62.2
63 25.2 23.8 35.8

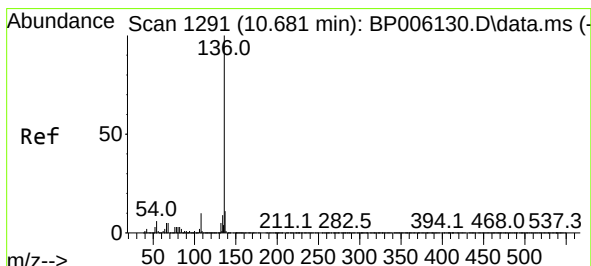
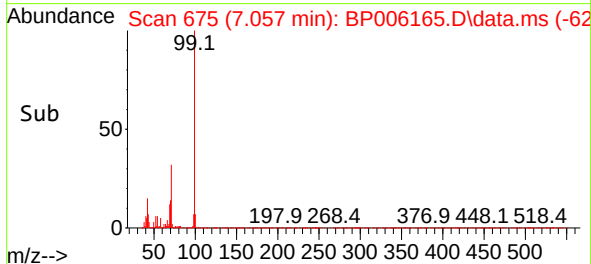
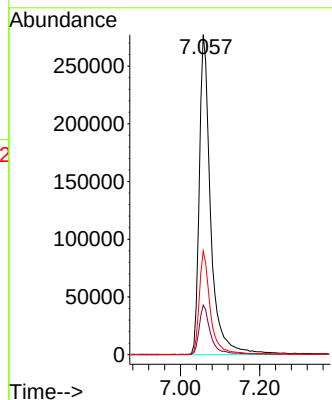
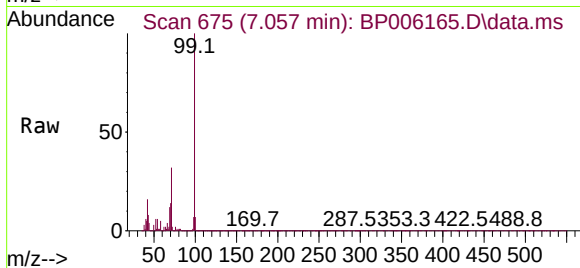




#7
Phenol-d6
Concen: 40.97 ng
RT: 7.057 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

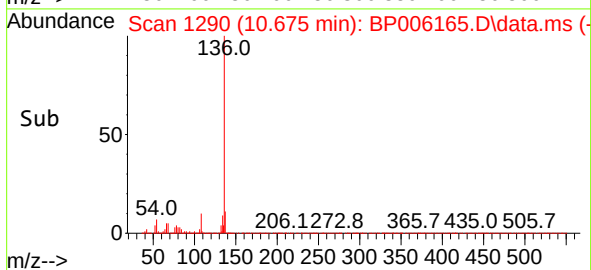
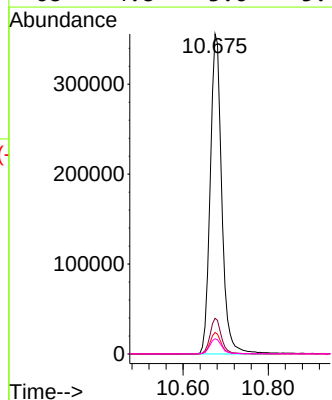
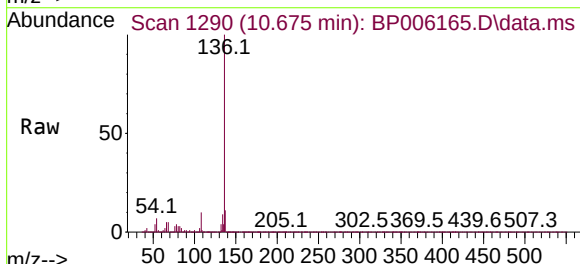
Instrument :
BNA_P
ClientSampleId :
SB03

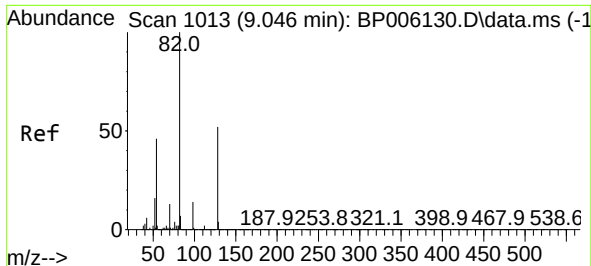
Tgt Ion:	99	Resp:	551890
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.4	20.0
71	32.4	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

Tgt Ion:	136	Resp:	669385
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	6.7	4.6	6.8
68	4.8	3.6	5.4

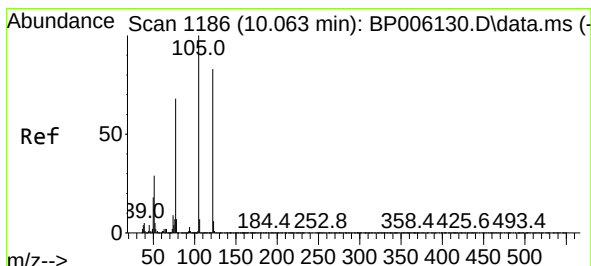
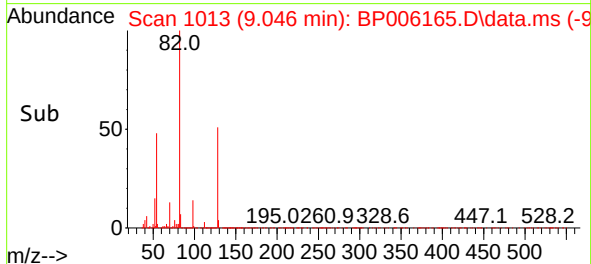
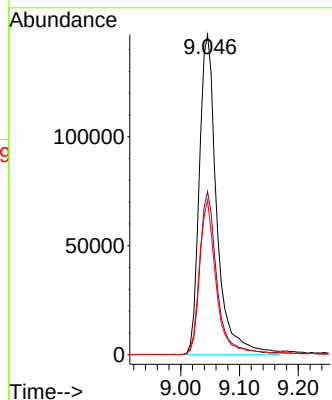
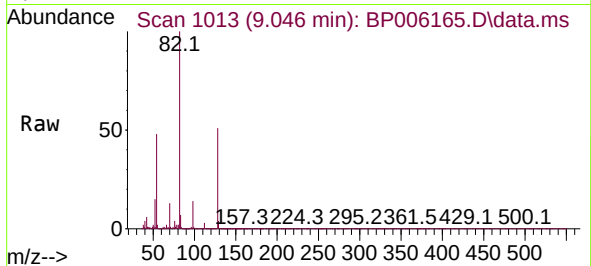




#23
Nitrobenzene-d5
Concen: 28.69 ng
RT: 9.046 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

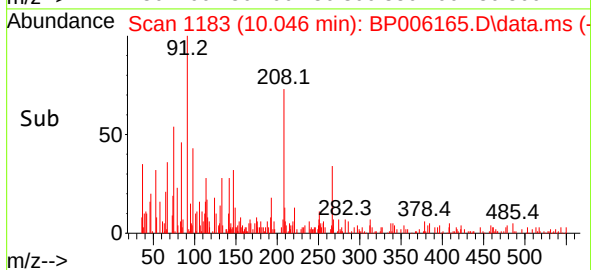
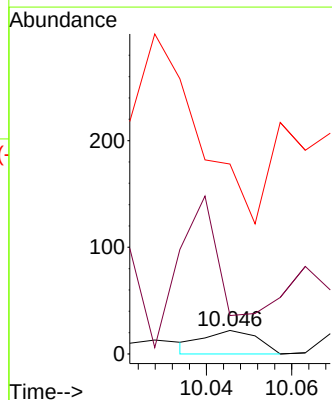
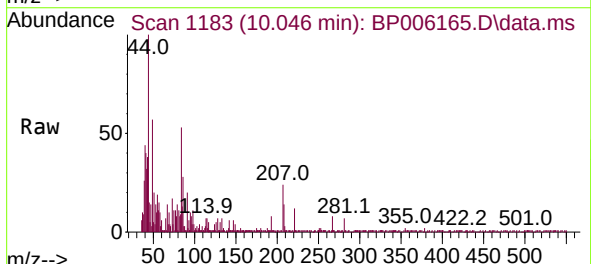
Instrument :
BNA_P
ClientSampleId :
SB03

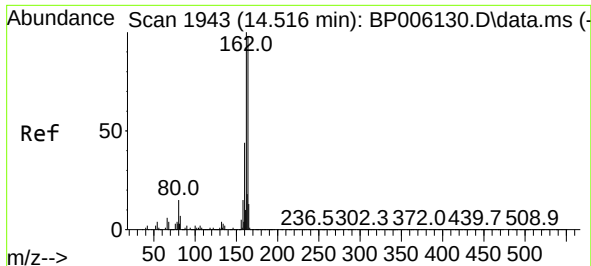
Tgt Ion: 82 Resp: 304013
Ion Ratio Lower Upper
82 100
128 50.9 35.7 53.5
54 48.3 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.046 min Scan# 1183
Delta R.T. -0.017 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

Tgt Ion: 122 Resp: 19
Ion Ratio Lower Upper
122 100
105 163.6 103.2 143.2#
77 809.1 76.2 116.2#

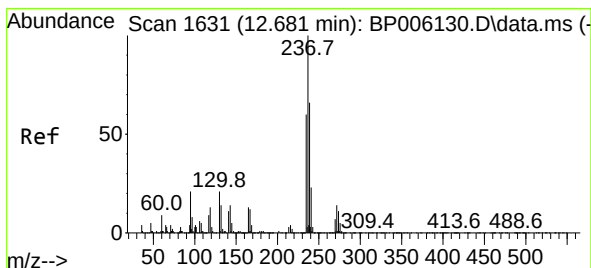
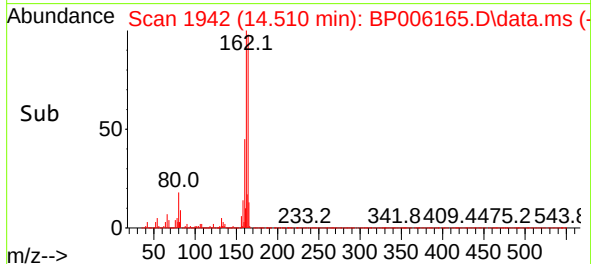
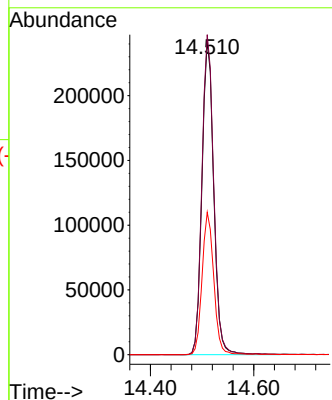
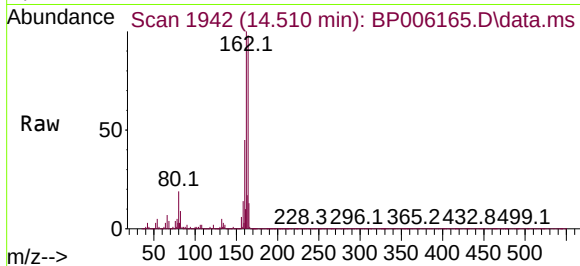




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

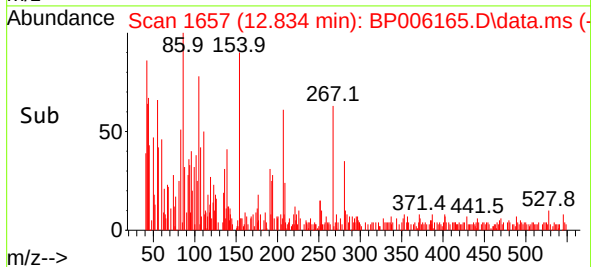
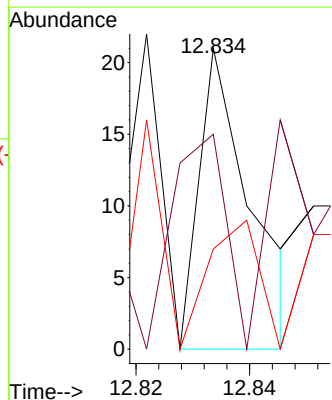
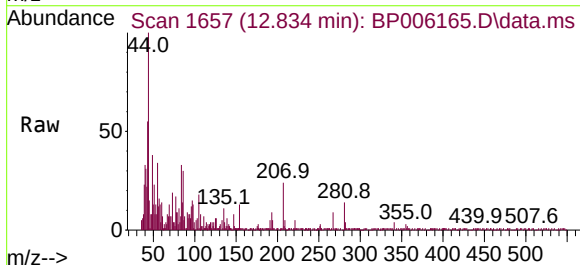
Instrument :
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ClientSampleId :
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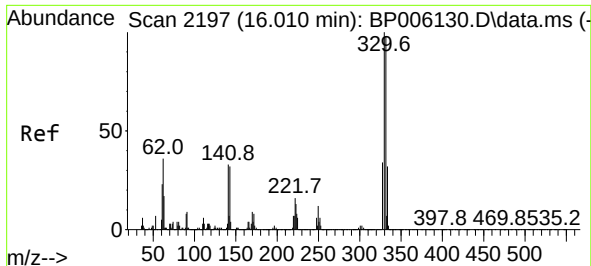
Tgt Ion:164 Resp: 382957
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.2
160 45.4 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.834 min Scan# 1657
Delta R.T. 0.153 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 45.5 44.5 84.5
272 21.2 0.0 32.5

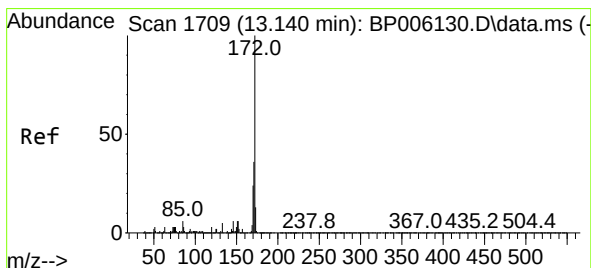
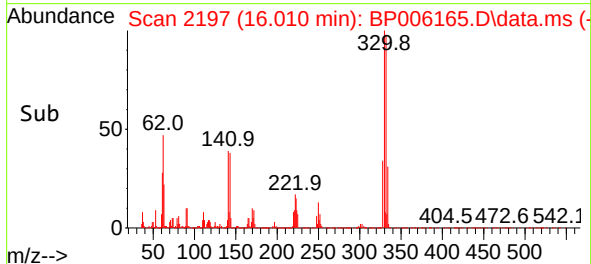
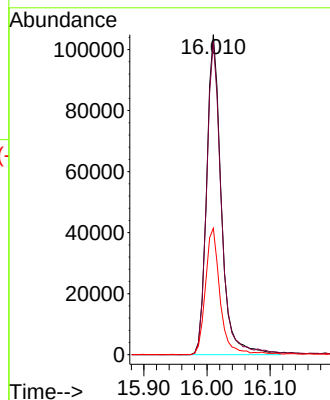
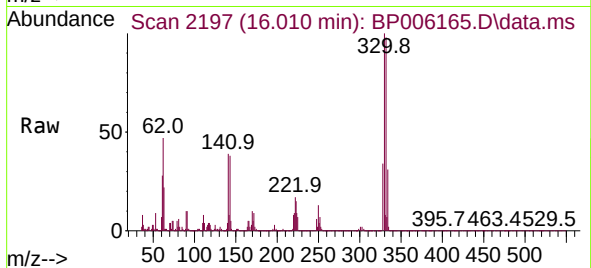




#42
2,4,6-Tribromophenol
Concen: 37.08 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

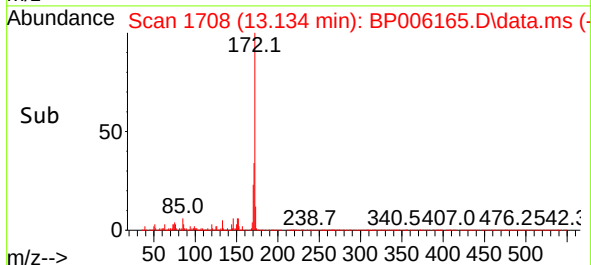
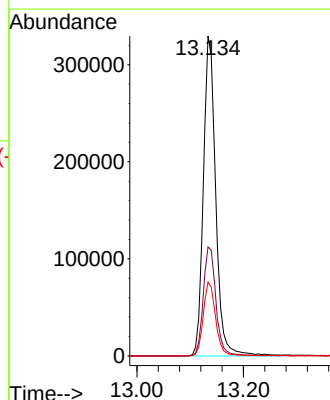
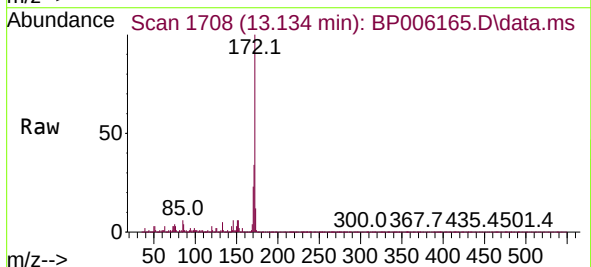
Instrument :
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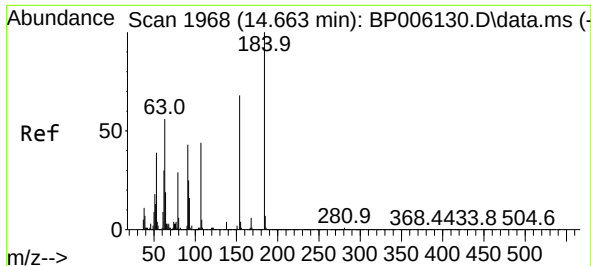
Tgt Ion:330 Resp: 169048
Ion Ratio Lower Upper
330 100
332 98.9 77.8 116.8
141 39.2 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 20.48 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

Tgt Ion:172 Resp: 530529
Ion Ratio Lower Upper
172 100
171 34.1 27.9 41.9
170 23.0 18.6 27.8

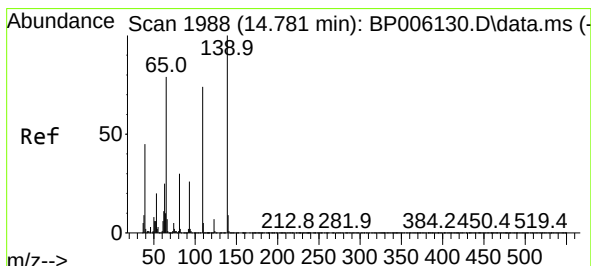
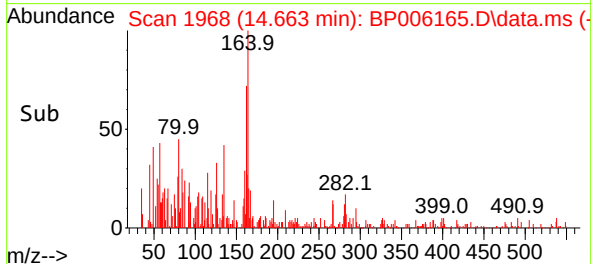
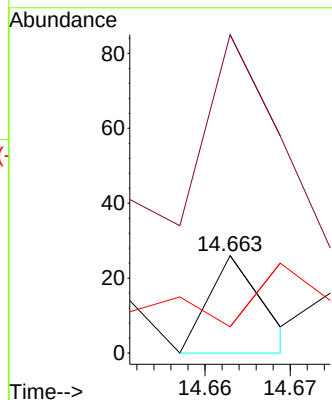
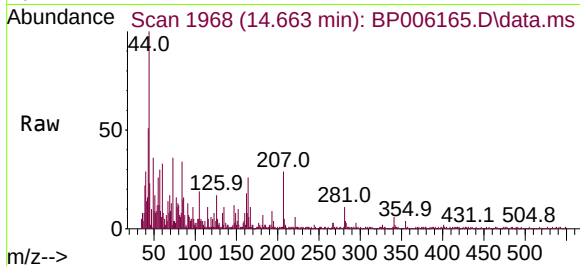




#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.000 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

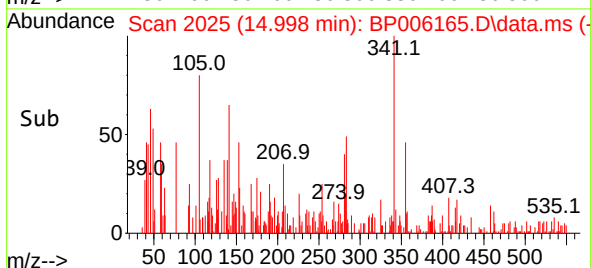
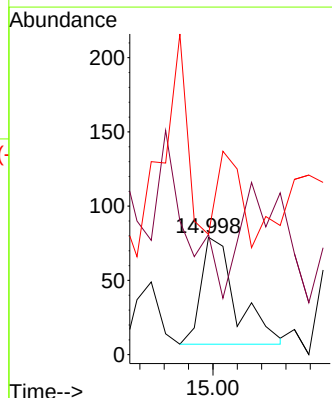
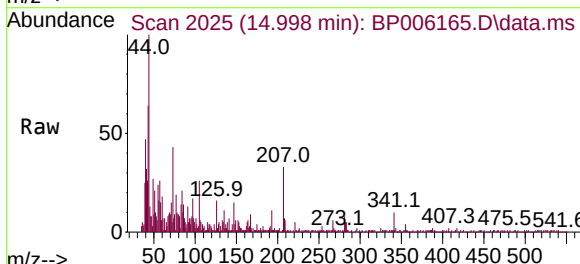
Instrument :
BNA_P
ClientSampled :
SB03

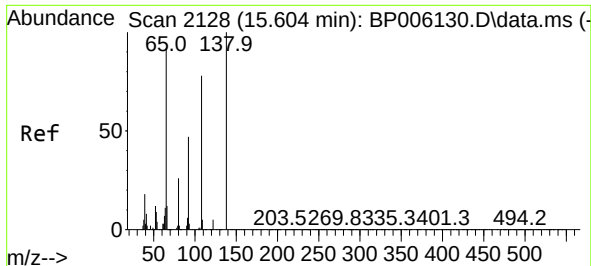
Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 326.9 47.0 70.6#
154 26.9 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.14 ng
RT: 14.998 min Scan# 2025
Delta R.T. 0.217 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

Tgt Ion:139 Resp: 72
Ion Ratio Lower Upper
139 100
109 102.5 72.3 112.3
65 102.5 72.5 112.5

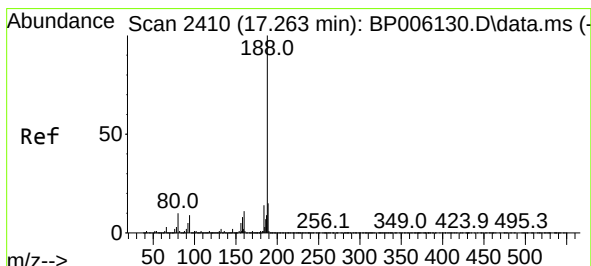
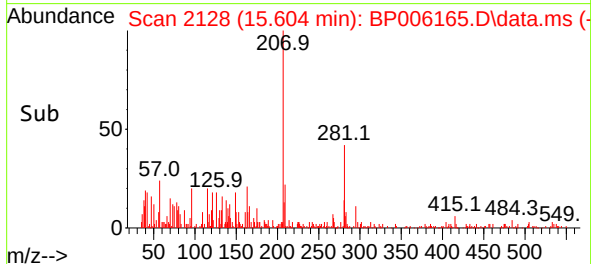
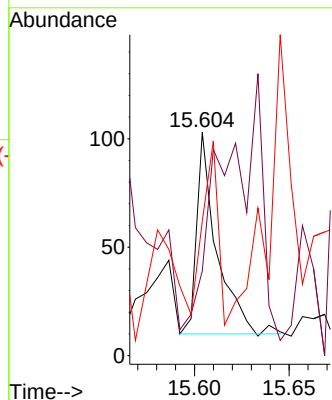
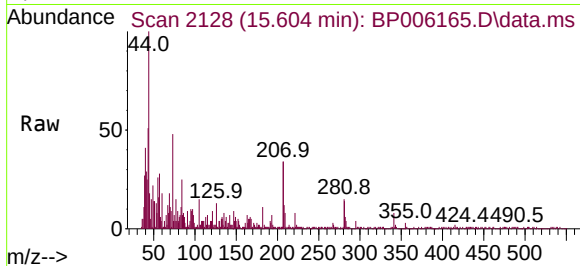




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

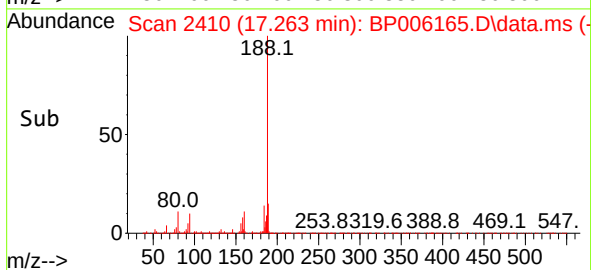
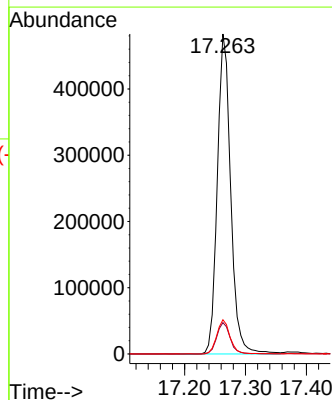
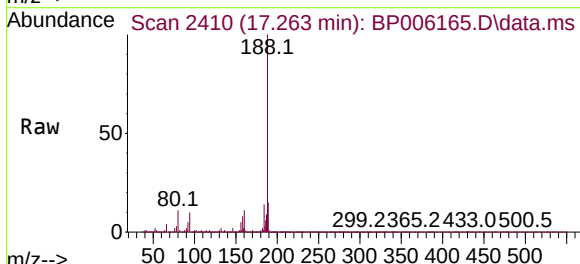
Instrument :
BNA_P
ClientSampled :
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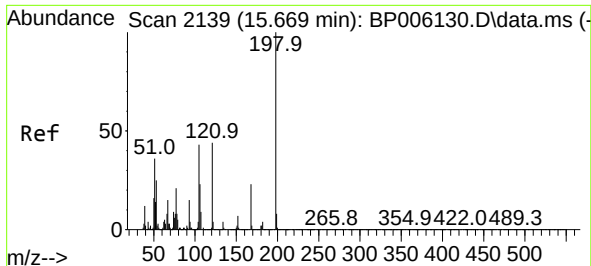
Tgt Ion:138 Resp: 68
Ion Ratio Lower Upper
138 100
92 37.9 31.2 71.2
108 60.2 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

Tgt Ion:188 Resp: 735304
Ion Ratio Lower Upper
188 100
94 9.8 5.6 8.4#
80 10.7 6.3 9.5#

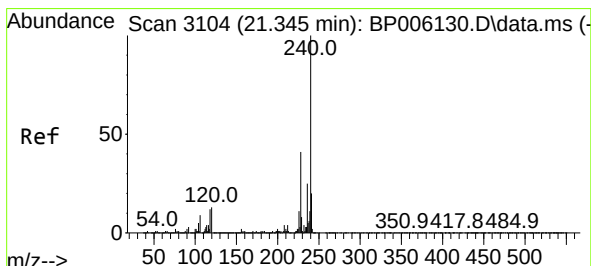
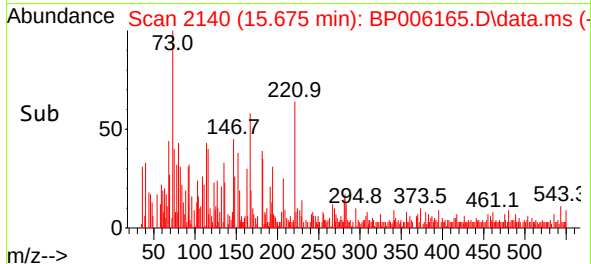
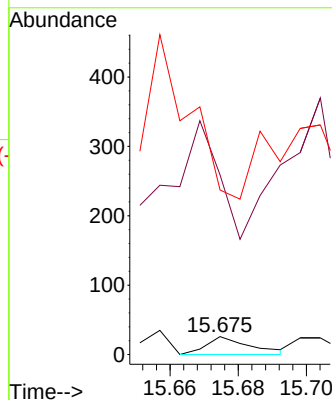
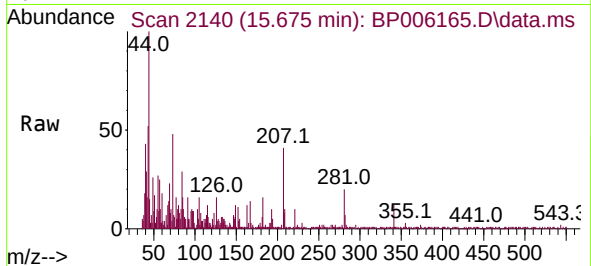




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

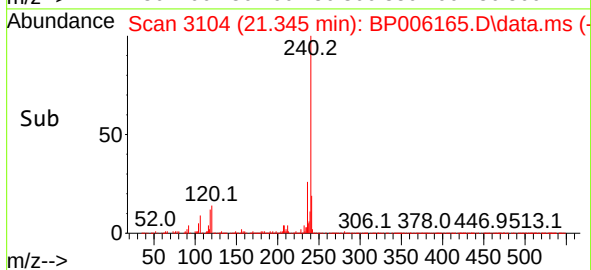
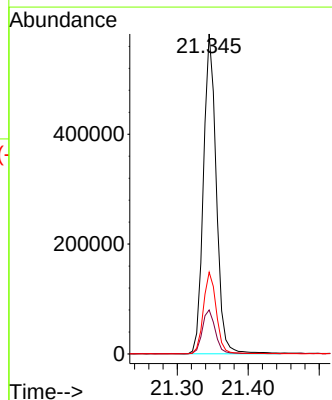
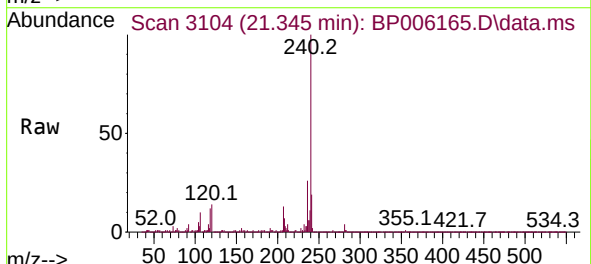
Instrument :
BNA_P
ClientSampled :
SB03

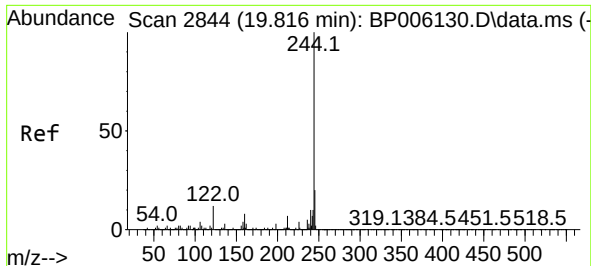
Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 996.2 14.0 54.0#
105 911.5 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP006165.D
Acq: 09 Jul 2021 17:32

Tgt Ion:240 Resp: 735818
Ion Ratio Lower Upper
240 100
120 13.7 6.5 9.7#
236 25.5 20.6 31.0

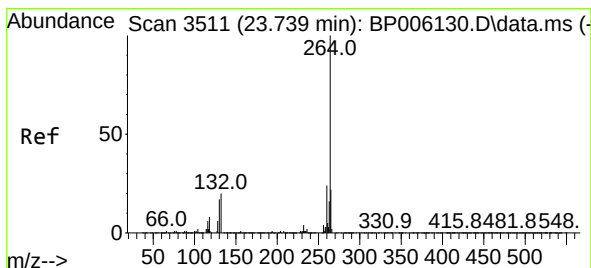
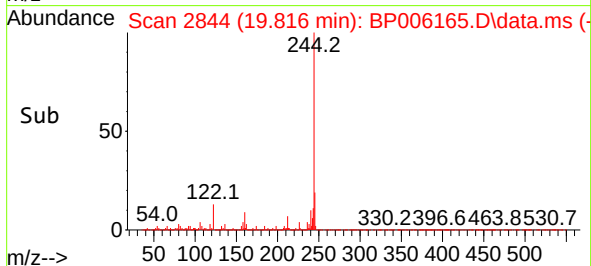
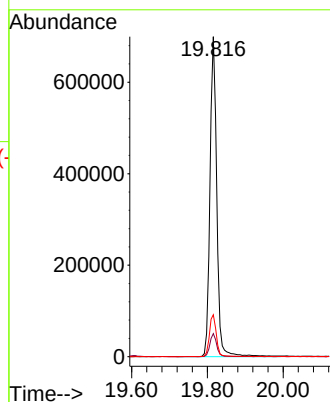
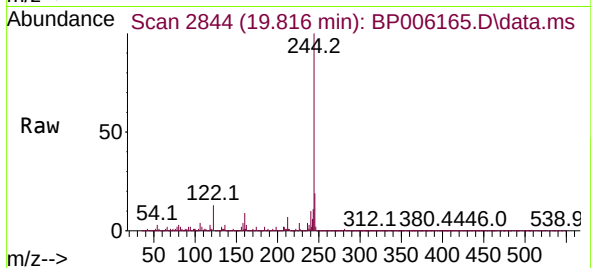




#79
 Terphenyl-d14
 Concen: 23.16 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. -0.000 min
 Lab File: BP006165.D
 Acq: 09 Jul 2021 17:32

Instrument :
 BNA_P
 ClientSampleId :
 SB03

Tgt Ion:244 Resp: 864490
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.1 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.745 min Scan# 3512
 Delta R.T. 0.006 min
 Lab File: BP006165.D
 Acq: 09 Jul 2021 17:32

Tgt Ion:264 Resp: 855307
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 22.5 17.6 26.4

