

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
 Data File : BP006164.D
 Acq On : 09 Jul 2021 16:58
 Operator : CG/JU
 Sample : M2969-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB06

Quant Time: Jul 09 18:37:00 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)

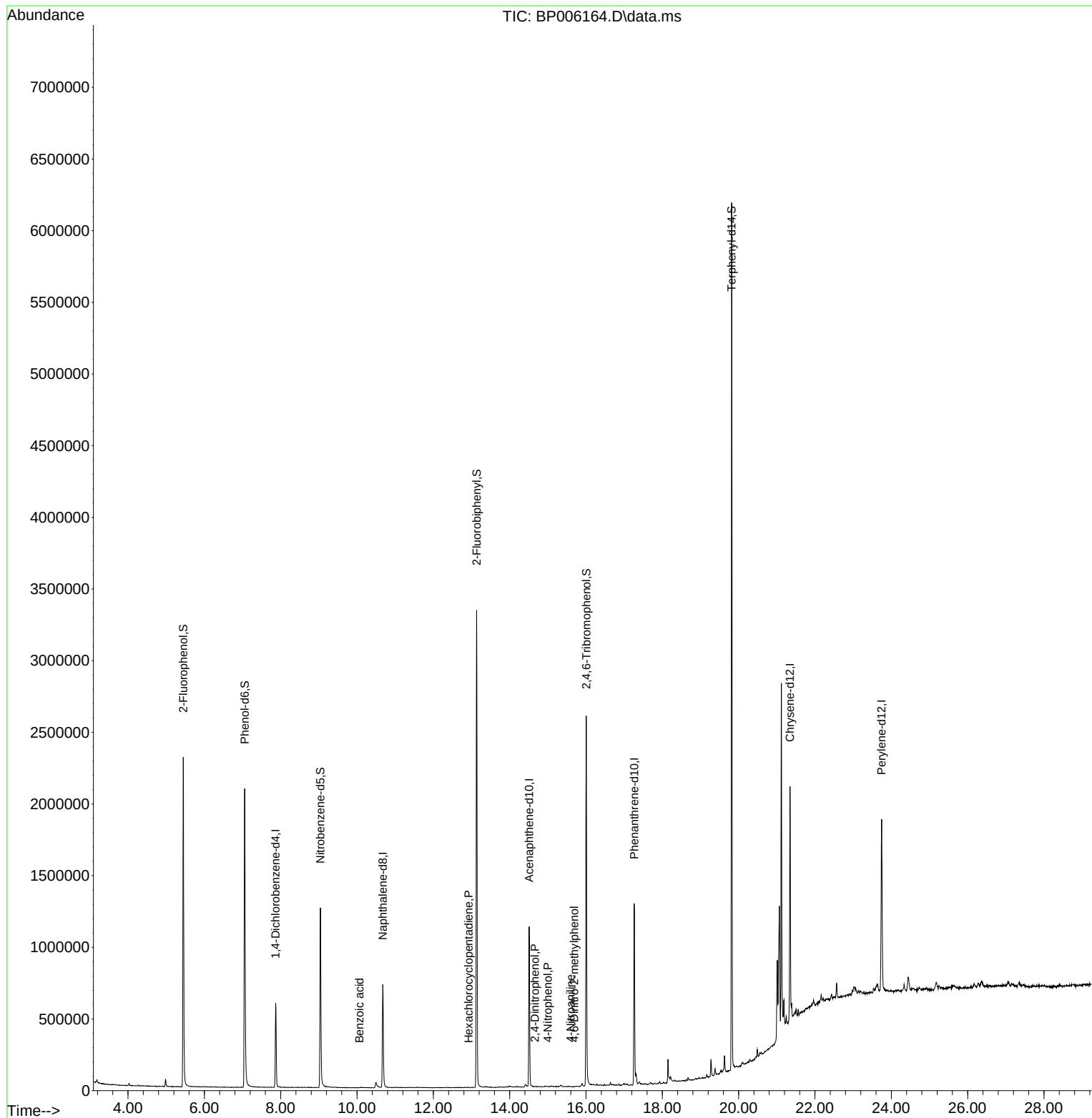
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	174837	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	671399	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	400147	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	771036	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	747422	20.000	ng	# 0.00
86) Perylene-d12	23.745	264	837293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1162634	114.420	ng	-0.01
7) Phenol-d6	7.058	99	1409558	104.874	ng	0.00
23) Nitrobenzene-d5	9.040	82	805154	75.749	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	512128	107.500	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1737985	64.210	ng	0.00
79) Terphenyl-d14	19.816	244	2560234	67.536	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.063	122	76	6.912	ng	# 34
41) Hexachlorocyclopentadiene	12.922	237	20	8.712	ng	74
54) 2,4-Dinitrophenol	14.663	184	54	8.894	ng	# 1
56) 4-Nitrophenol	14.998	139	202	7.161	ng	88
62) 4-Nitroaniline	15.598	138	115	2.975	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.692	198	17	4.422	ng	# 1

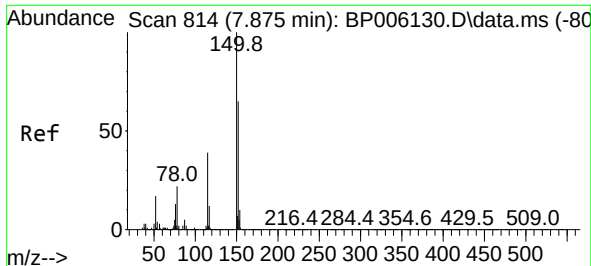
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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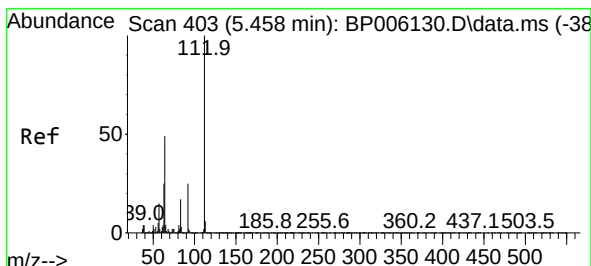
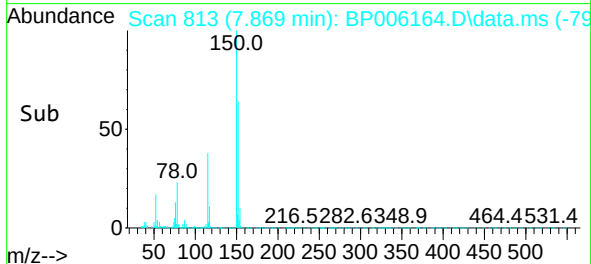
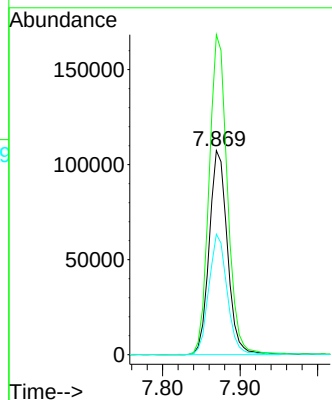
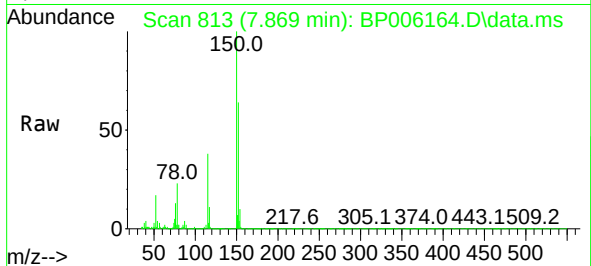




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

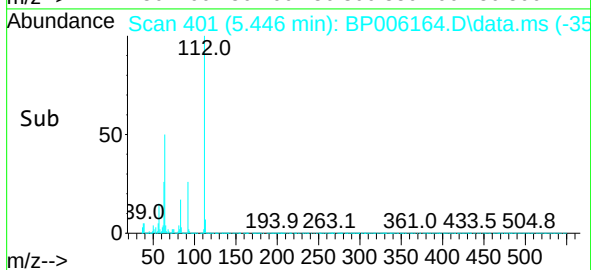
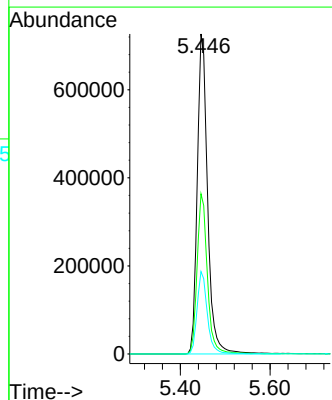
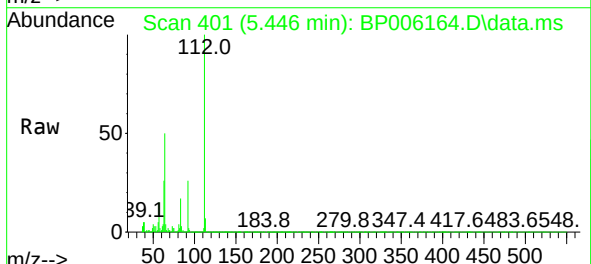
Instrument :
BNA_P
ClientSampleId :
SB06

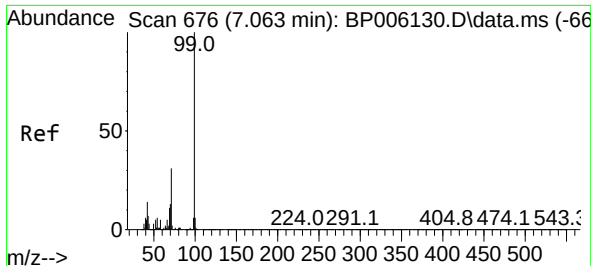
Tgt Ion:152 Resp: 174837
Ion Ratio Lower Upper
152 100
150 156.7 125.6 188.4
115 59.0 48.5 72.7



#5
2-Fluorophenol
Concen: 114.420 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

Tgt Ion:112 Resp: 1162634
Ion Ratio Lower Upper
112 100
64 50.0 41.4 62.2
63 25.8 23.8 35.8



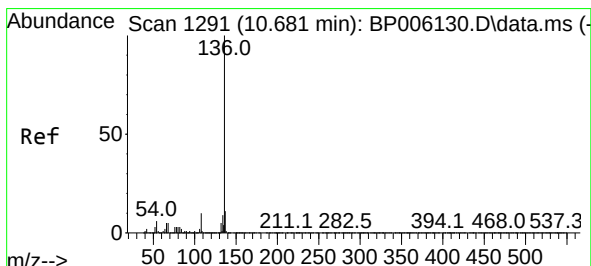
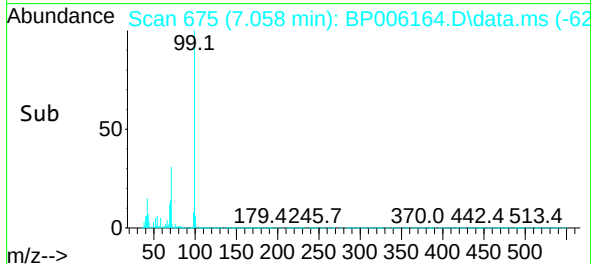
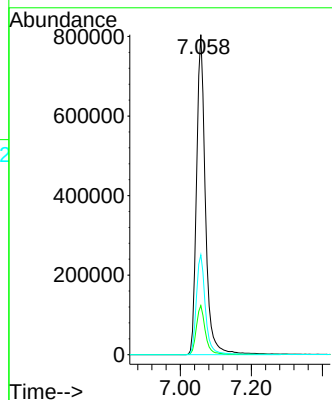
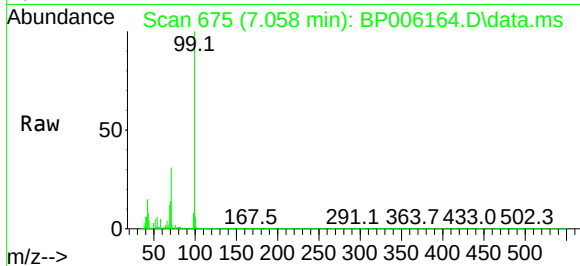


#7
Phenol-d6
Concen: 104.874 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

Instrument :
BNA_P
ClientSampleId :
SB06

Tgt Ion: 99 Resp: 1409558

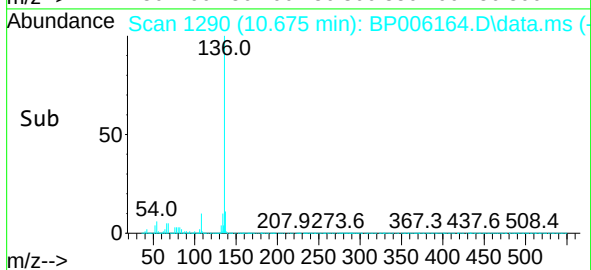
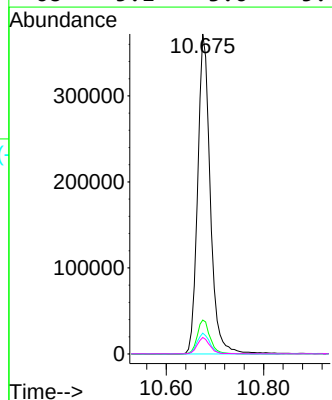
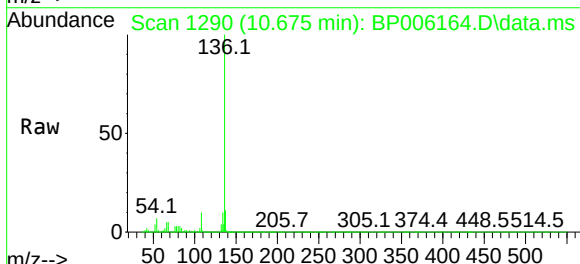
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.4	20.0
71	31.2	30.6	46.0

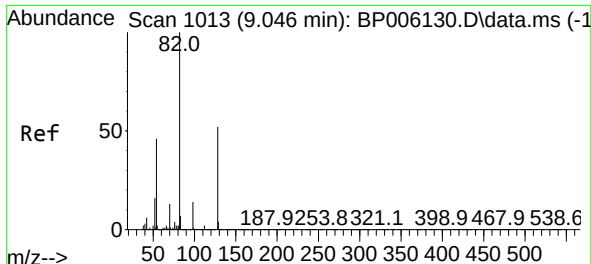


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

Tgt Ion: 136 Resp: 671399

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	6.5	4.6	6.8
68	5.1	3.6	5.4

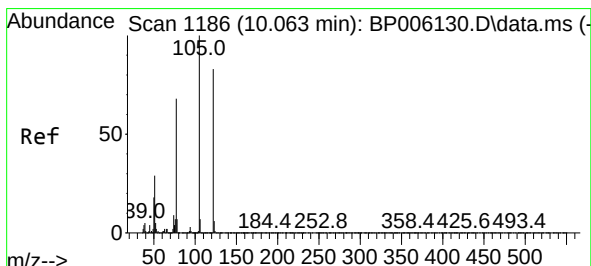
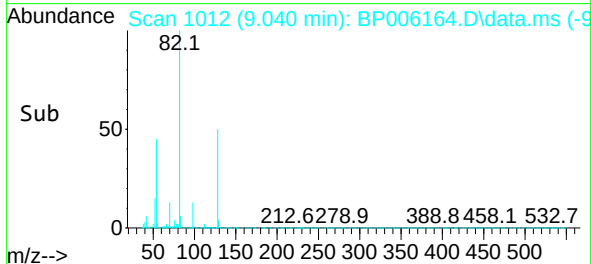
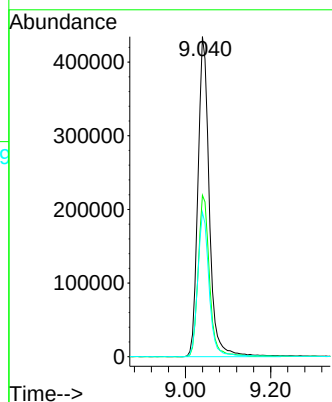
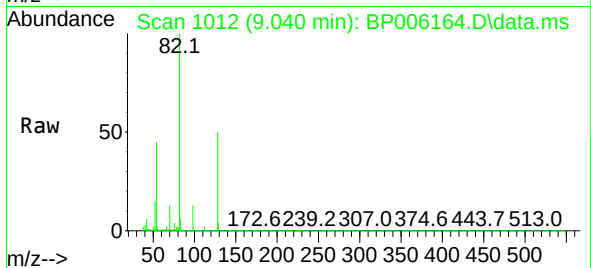




#23
Nitrobenzene-d5
Concen: 75.749 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

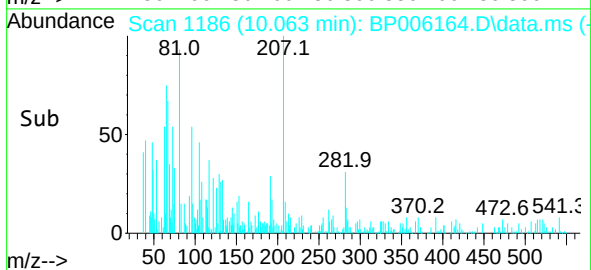
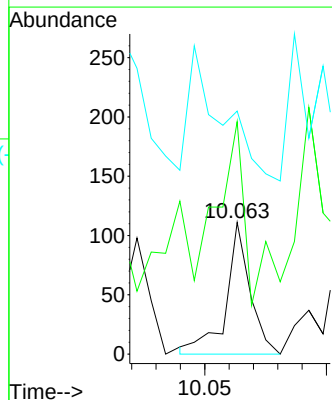
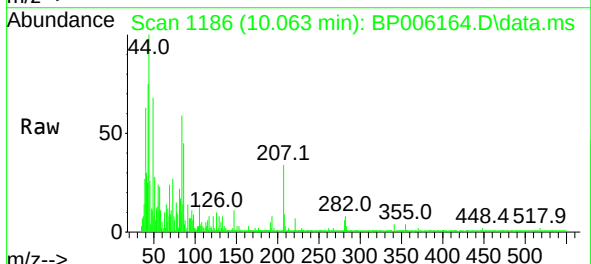
Instrument :
BNA_P
ClientSampleId :
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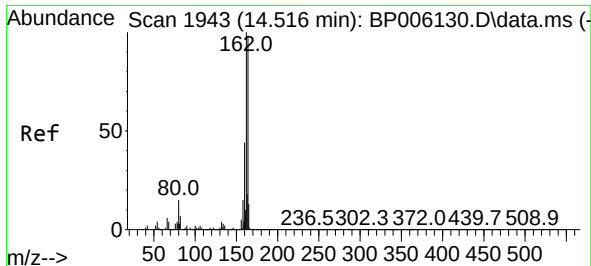
Tgt Ion: 82 Resp: 805154
Ion Ratio Lower Upper
82 100
128 50.5 35.7 53.5
54 45.1 35.0 52.4



#32
Benzoic acid
Concen: 6.912 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

Tgt Ion: 122 Resp: 76
Ion Ratio Lower Upper
122 100
105 176.6 103.2 143.2#
77 184.7 76.2 116.2#

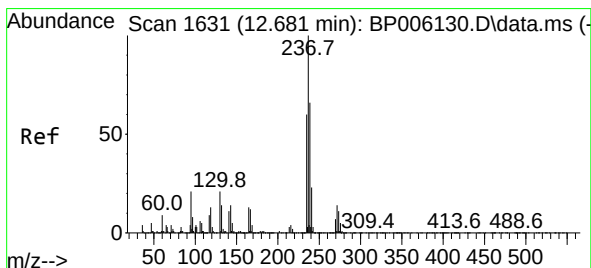
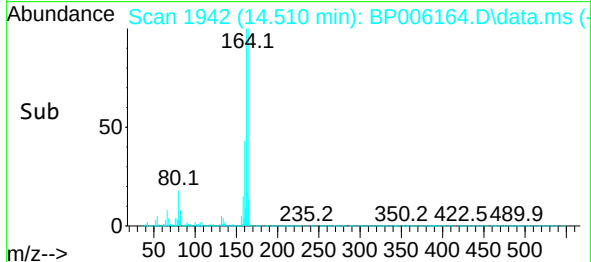
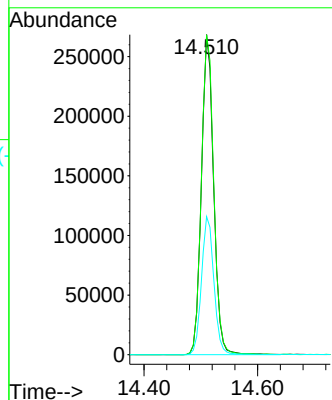
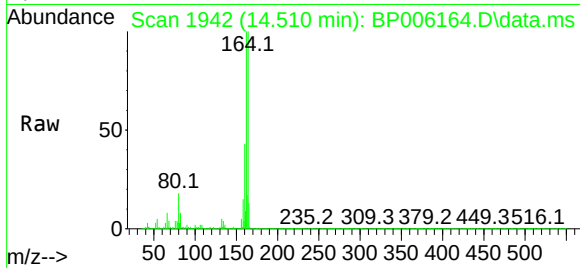




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

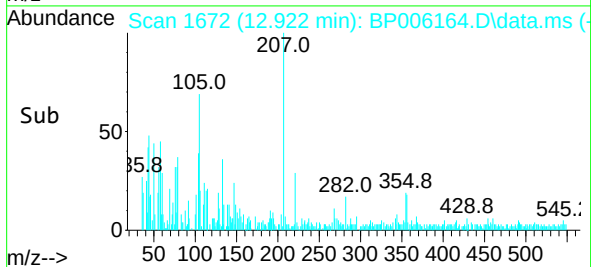
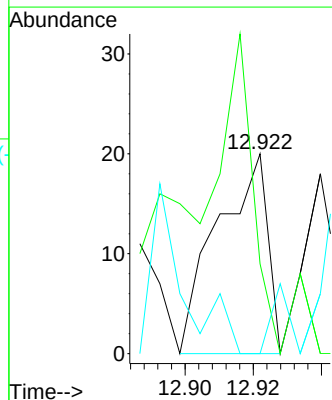
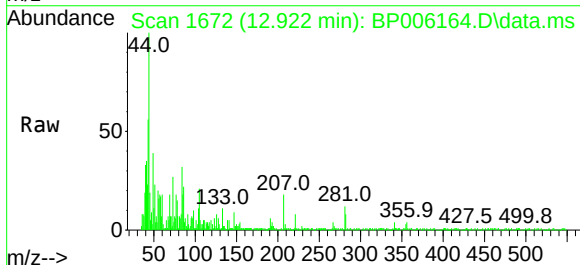
Instrument :
BNA_P
ClientSampled :
SB06

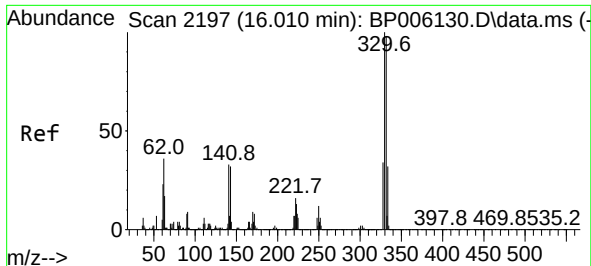
Tgt Ion:164 Resp: 400147
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 43.2 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.712 ng
RT: 12.922 min Scan# 1672
Delta R.T. 0.241 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

Tgt Ion:237 Resp: 20
Ion Ratio Lower Upper
237 100
235 45.0 44.5 84.5
272 0.0 0.0 32.5

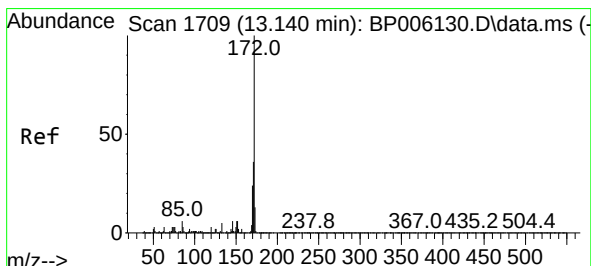
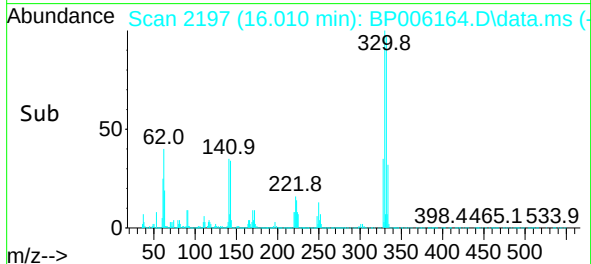
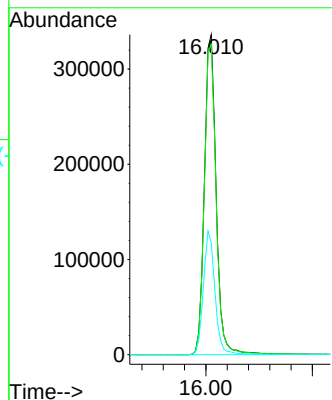
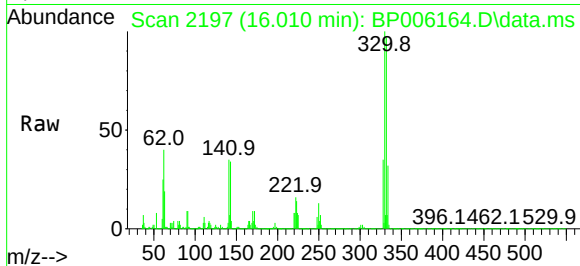




#42
2,4,6-Tribromophenol
Concen: 107.500 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

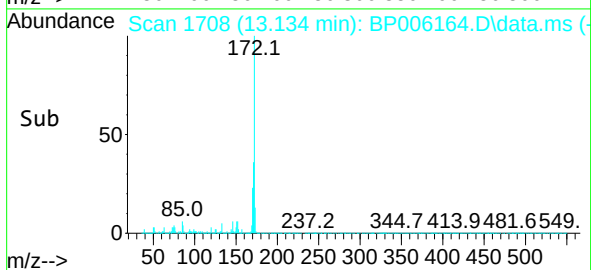
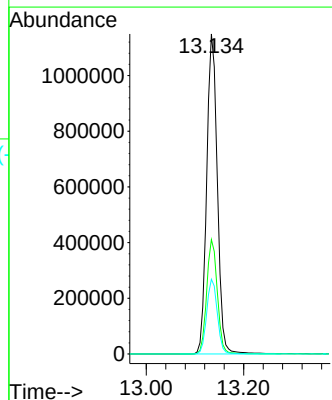
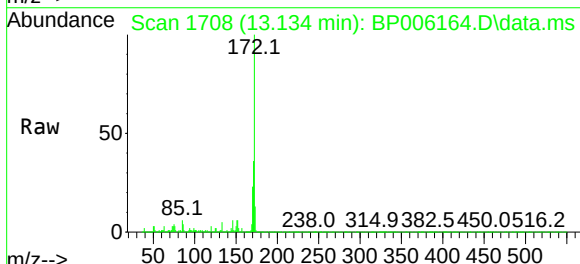
Instrument :
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ClientSampleId :
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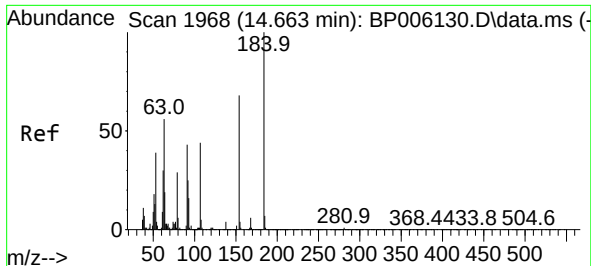
Tgt Ion:330 Resp: 512128
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.8
141 38.3 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 64.210 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

Tgt Ion:172 Resp: 1737985
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.4 18.6 27.8

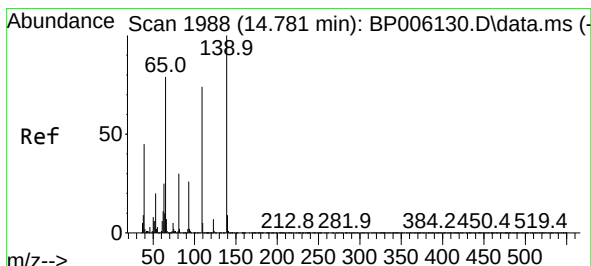
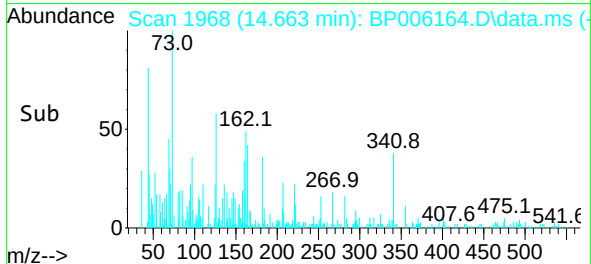
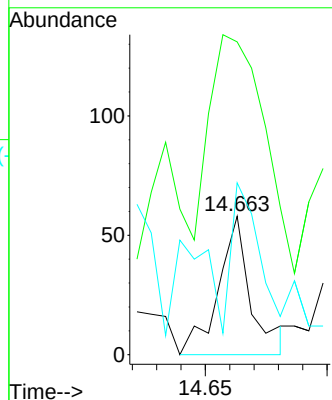
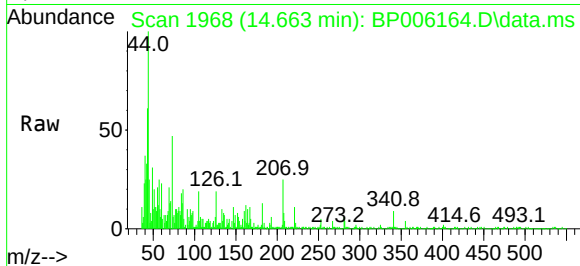




#54
2,4-Dinitrophenol
Concen: 8.894 ng
RT: 14.663 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

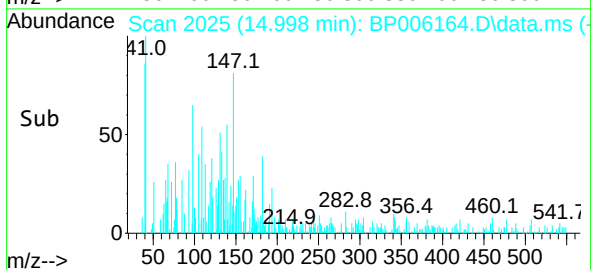
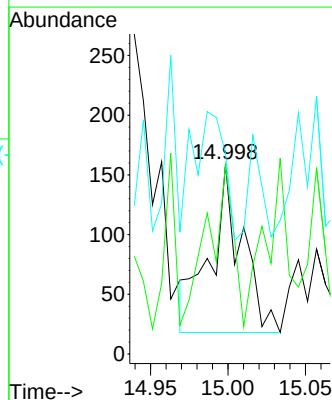
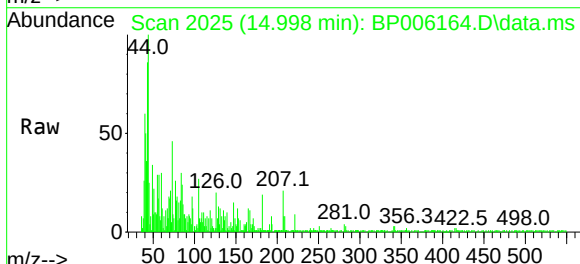
Instrument :
BNA_P
ClientSampled :
SB06

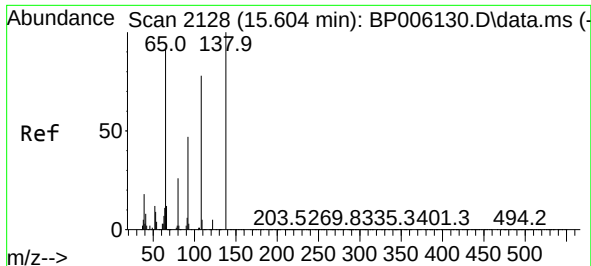
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 225.9 47.0 70.6#
154 124.1 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.161 ng
RT: 14.998 min Scan# 2025
Delta R.T. 0.217 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

Tgt Ion:139 Resp: 202
Ion Ratio Lower Upper
139 100
109 99.4 72.3 112.3
65 107.5 72.5 112.5

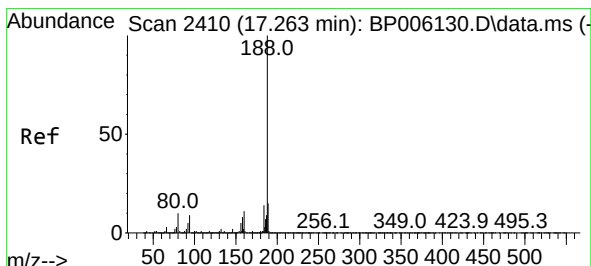
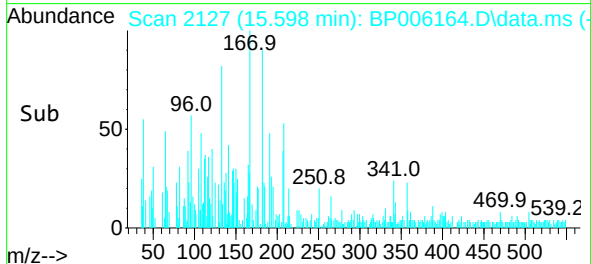
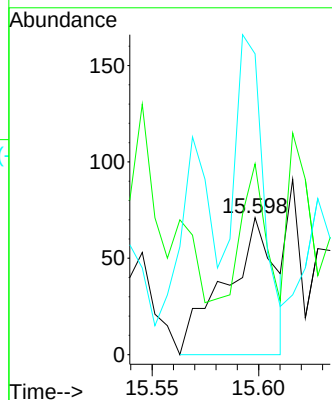
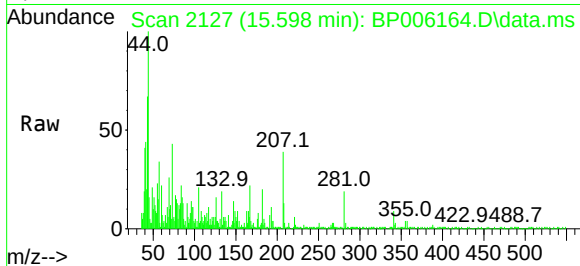




#62
4-Nitroaniline
Concen: 2.975 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

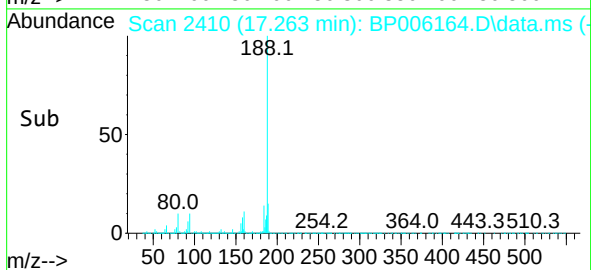
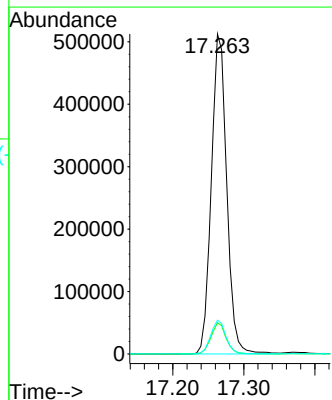
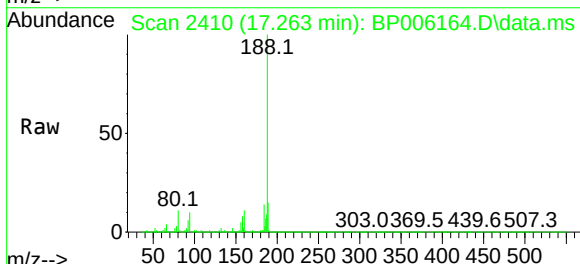
Instrument :
BNA_P
ClientSampled :
SB06

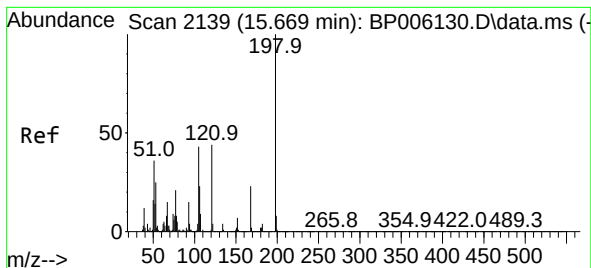
Tgt Ion:138 Resp: 115
Ion Ratio Lower Upper
138 100
92 139.4 31.2 71.2#
108 219.7 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

Tgt Ion:188 Resp: 771036
Ion Ratio Lower Upper
188 100
94 9.8 5.6 8.4#
80 10.5 6.3 9.5#

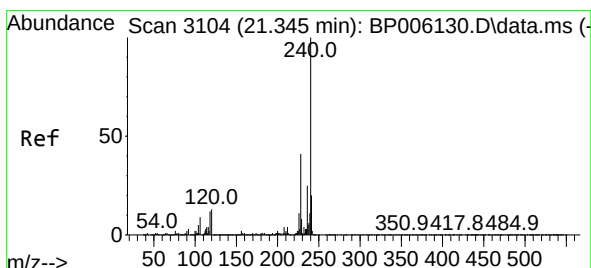
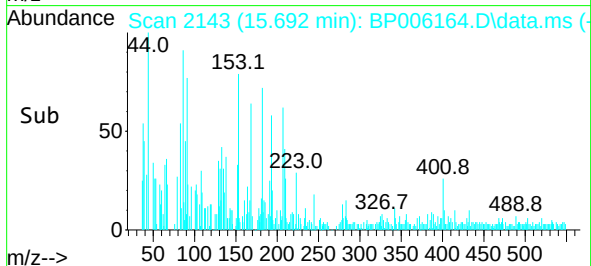
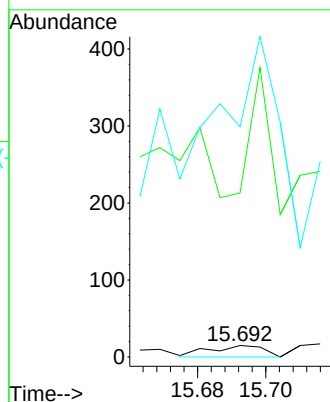
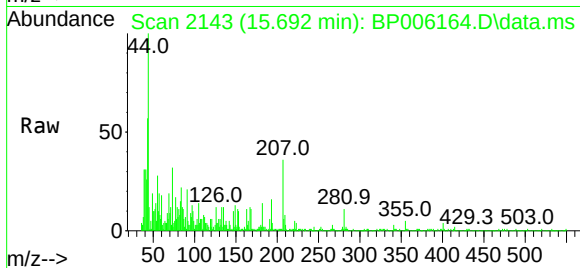




#65
4,6-Dinitro-2-methylphenol
Concen: 4.422 ng
RT: 15.692 min Scan# 2143
Delta R.T. 0.023 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

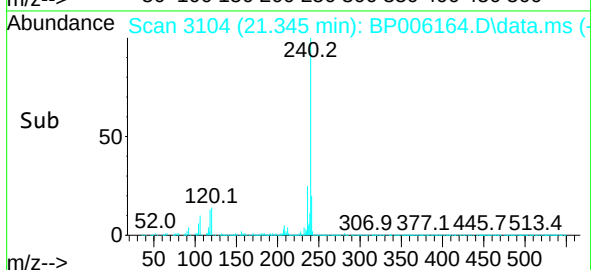
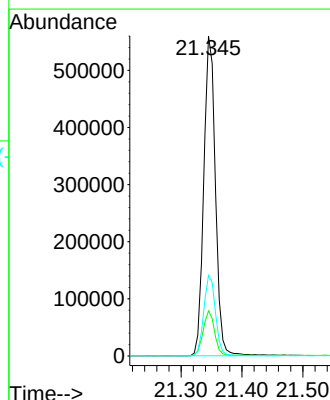
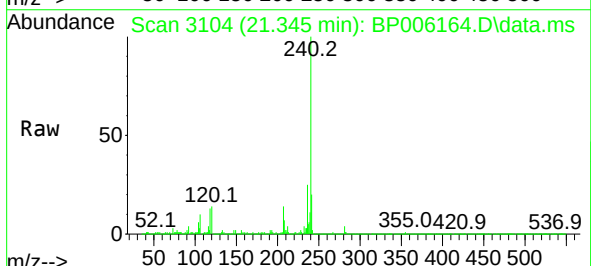
Instrument :
BNA_P
ClientSampleId :
SB06

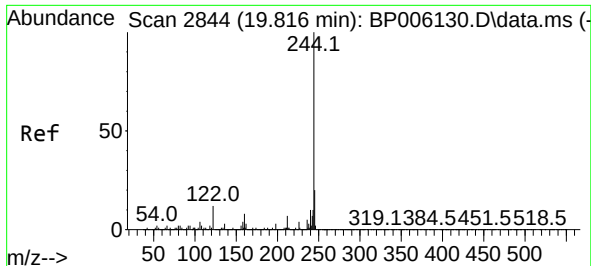
Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 1420.0 14.0 54.0#
105 1993.3 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

Tgt Ion:240 Resp: 747422
Ion Ratio Lower Upper
240 100
120 14.1 6.5 9.7#
236 25.2 20.6 31.0

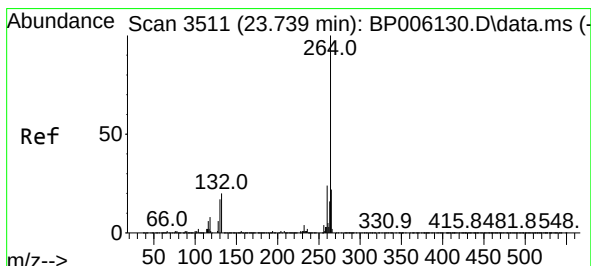
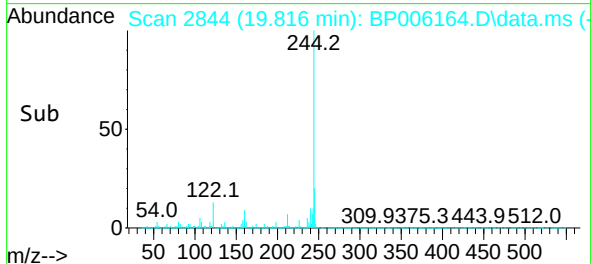
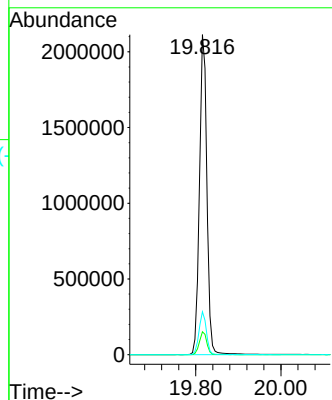
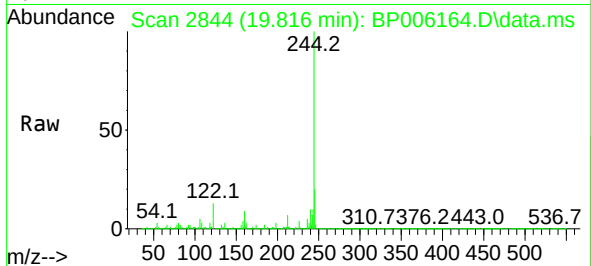




#79
Terphenyl-d14
Concen: 67.536 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

Instrument :
BNA_P
ClientSampleId :
SB06

Tgt Ion:244 Resp: 2560234
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.4 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.745 min Scan# 3512
Delta R.T. 0.006 min
Lab File: BP006164.D
Acq: 09 Jul 2021 16:58

Tgt Ion:264 Resp: 837293
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 22.2 17.6 26.4

