

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
 Data File : BP006170.D
 Acq On : 09 Jul 2021 20:23
 Operator : CG/JU
 Sample : M2969-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB08

Quant Time: Jul 10 01:13:12 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)

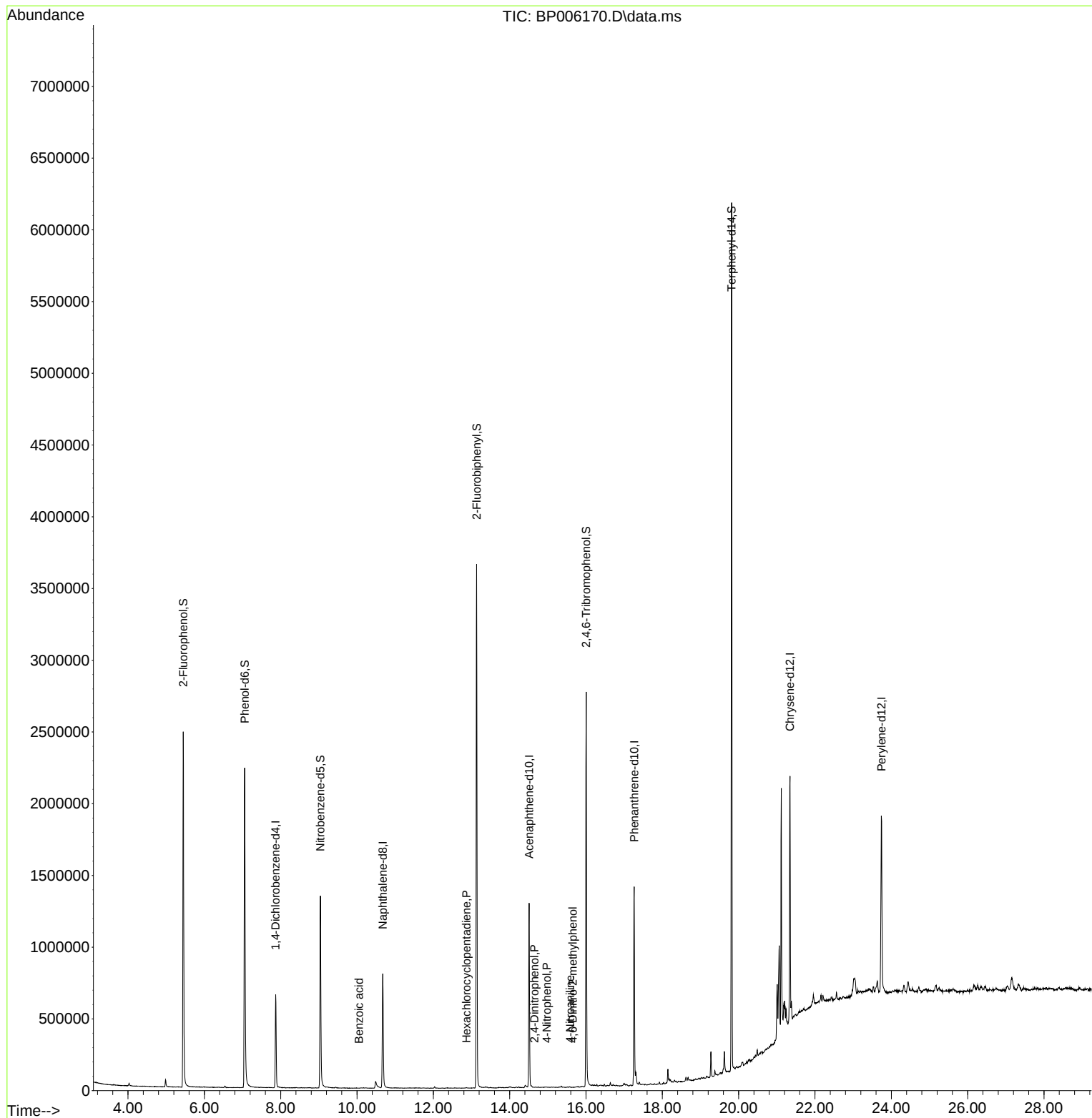
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	190792	20.00	ng	0.00
21) Naphthalene-d8	10.675	136	758124	20.00	ng	0.00
39) Acenaphthene-d10	14.510	164	445365	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	829900	20.00	ng	# 0.00
76) Chrysene-d12	21.345	240	769526	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	867945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1253207	113.02	ng	-0.01
7) Phenol-d6	7.057	99	1490617	101.63	ng	0.00
23) Nitrobenzene-d5	9.040	82	832194	69.34	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	539749	101.79	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1899507	63.05	ng	0.00
79) Terphenyl-d14	19.816	244	2543734	65.17	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.051	122	26	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.869	237	13	8.71	ng	91
54) 2,4-Dinitrophenol	14.645	184	28	8.89	ng	# 1
56) 4-Nitrophenol	14.969	139	69	7.14	ng	92
62) 4-Nitroaniline	15.586	138	19	2.96	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.657	198	38	4.43	ng	# 1

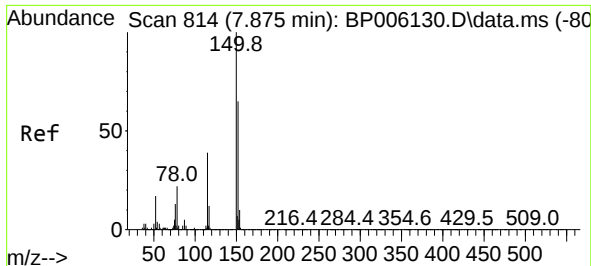
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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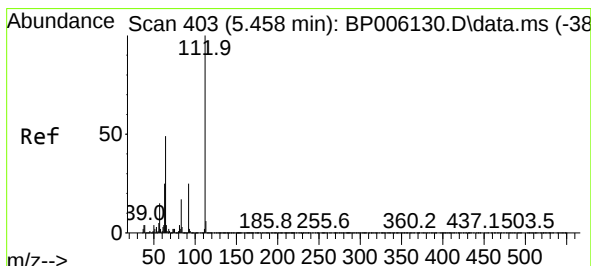
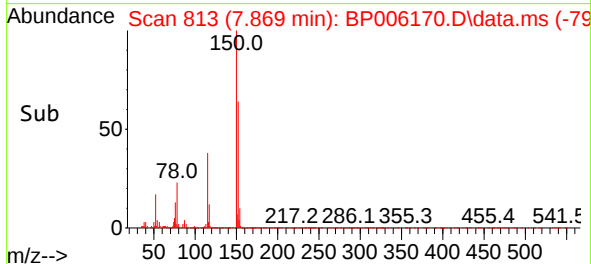
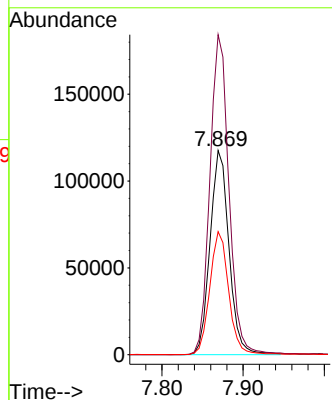
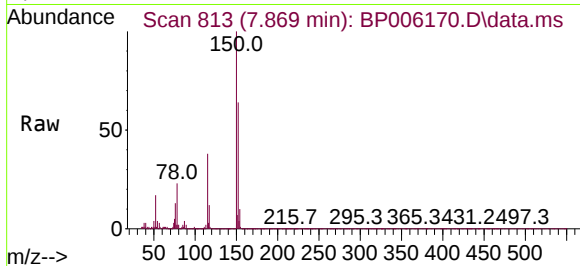




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

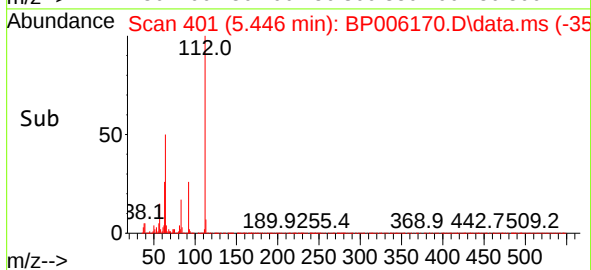
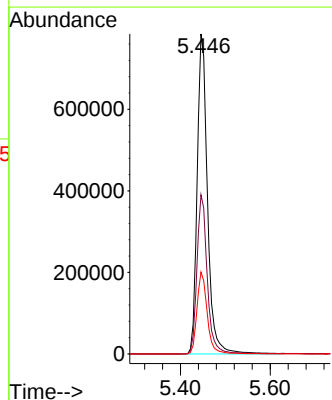
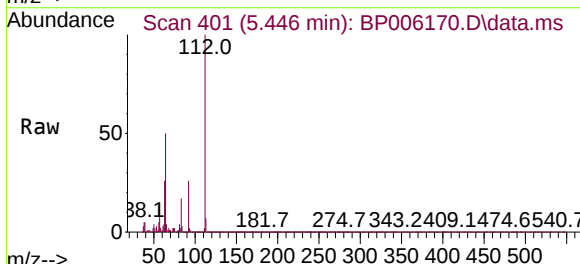
Instrument :
BNA_P
ClientSampleId :
SB08

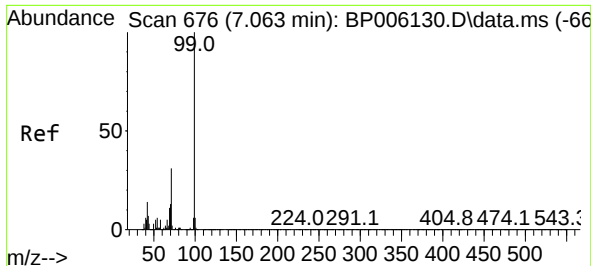
Tgt Ion:152 Resp: 190792
Ion Ratio Lower Upper
152 100
150 156.7 125.6 188.4
115 60.3 48.5 72.7



#5
2-Fluorophenol
Concen: 113.02 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

Tgt Ion:112 Resp: 1253207
Ion Ratio Lower Upper
112 100
64 49.7 41.4 62.2
63 25.6 23.8 35.8



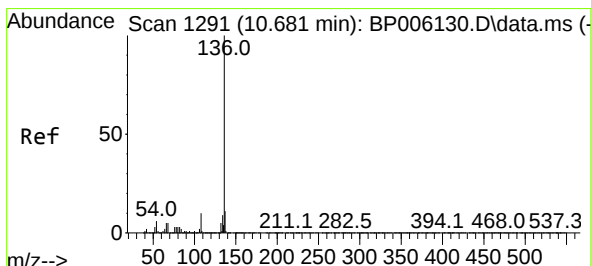
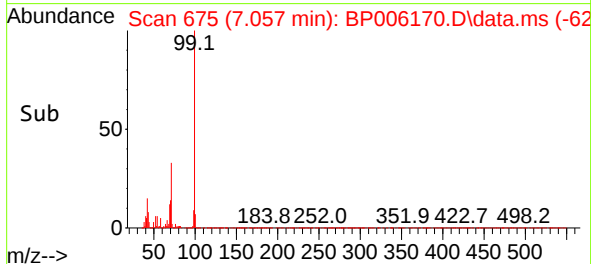
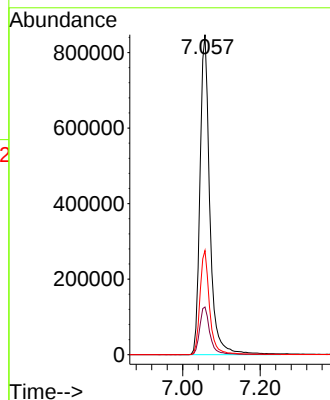
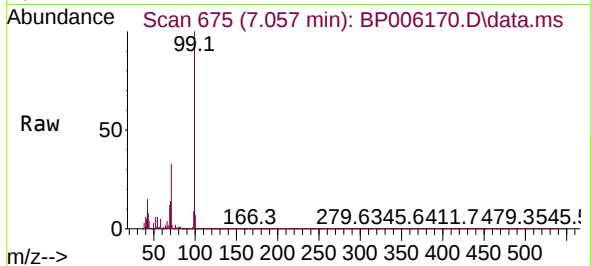


#7
Phenol-d6
Concen: 101.63 ng
RT: 7.057 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

Instrument :
BNA_P
ClientSampleId :
SB08

Tgt Ion: 99 Resp: 1490617

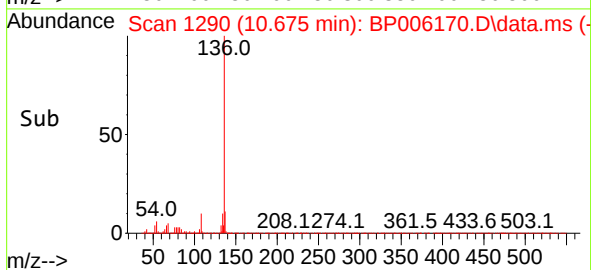
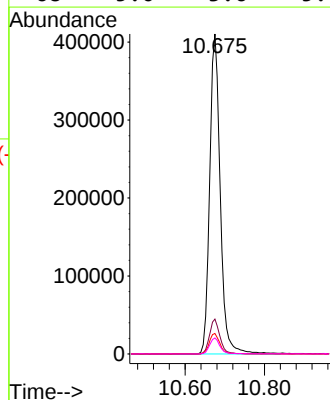
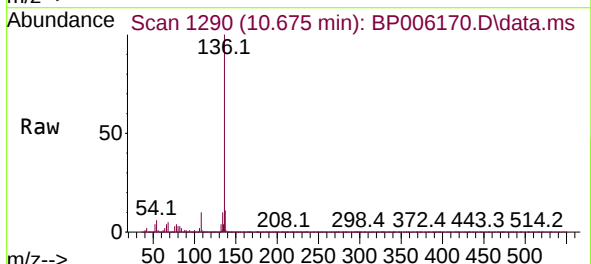
Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.4	20.0
71	32.6	30.6	46.0

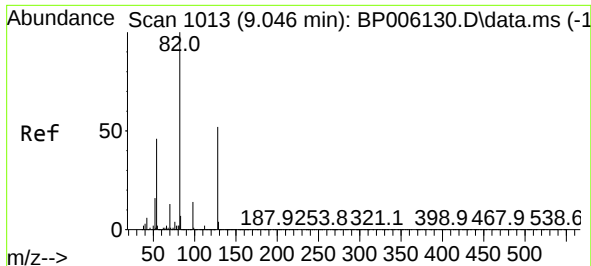


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

Tgt Ion: 136 Resp: 758124

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.4	4.6	6.8
68	5.0	3.6	5.4

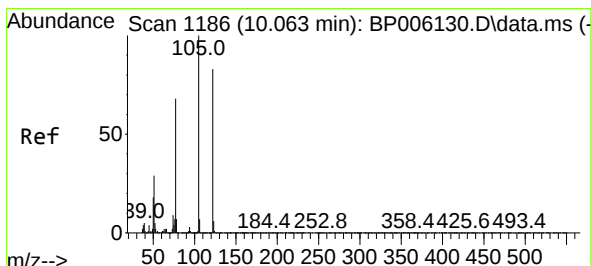
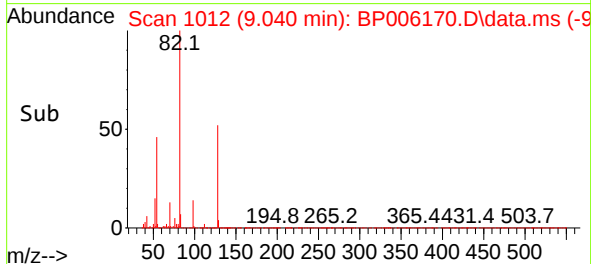
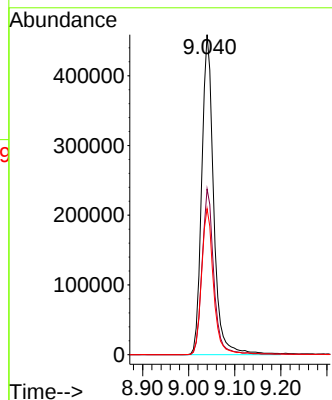
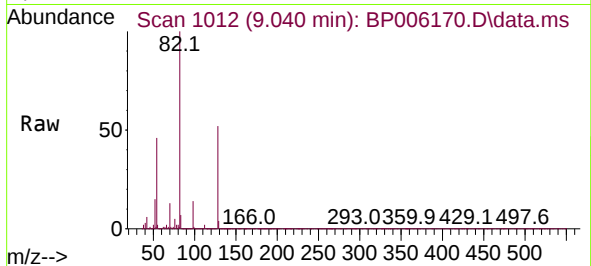




#23
Nitrobenzene-d5
Concen: 69.34 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

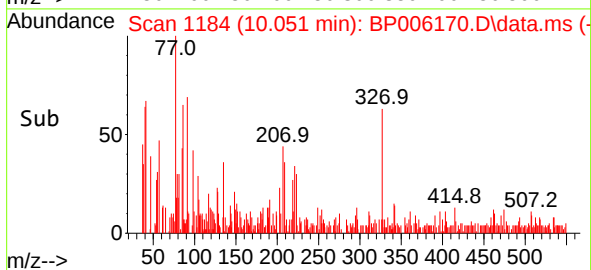
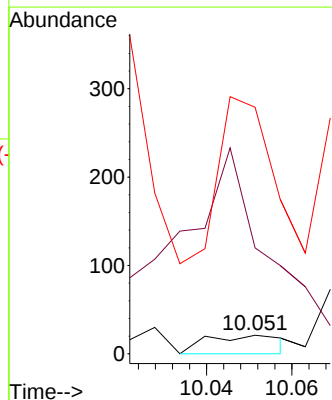
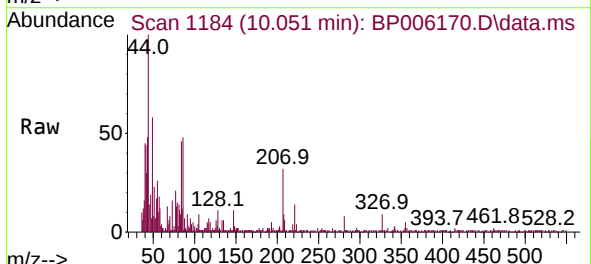
Instrument :
BNA_P
ClientSampleId :
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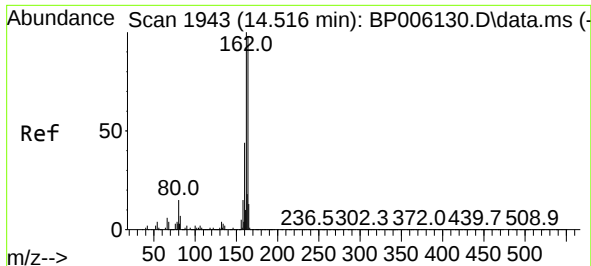
Tgt Ion: 82 Resp: 832194
Ion Ratio Lower Upper
82 100
128 51.8 35.7 53.5
54 45.7 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

Tgt Ion: 122 Resp: 26
Ion Ratio Lower Upper
122 100
105 571.4 103.2 143.2#
77 1328.6 76.2 116.2#

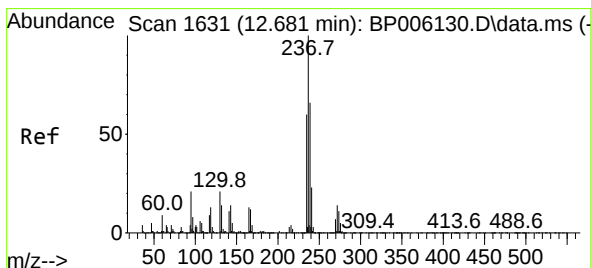
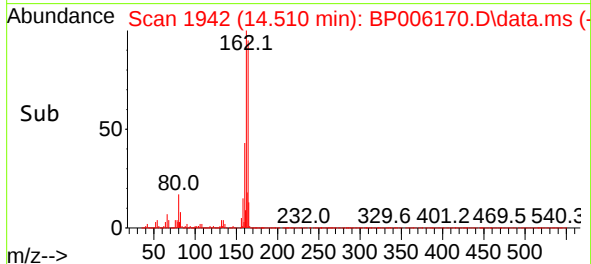
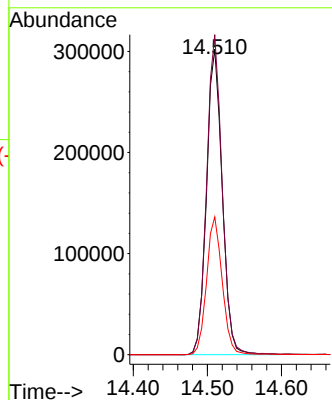
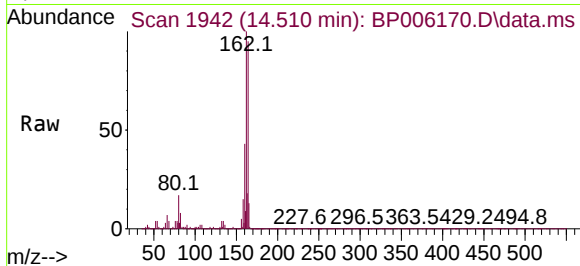




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

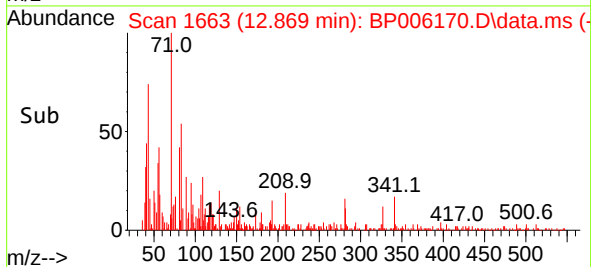
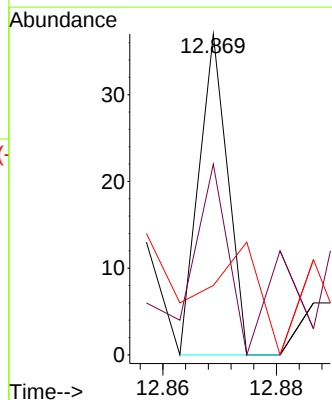
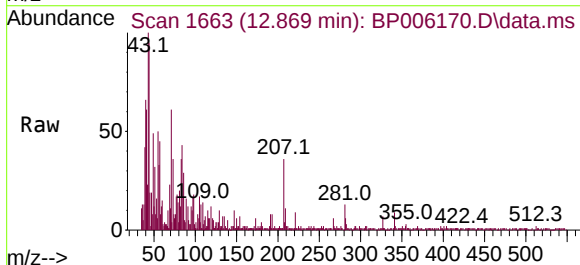
Instrument :
BNA_P
ClientSampleId :
SB08

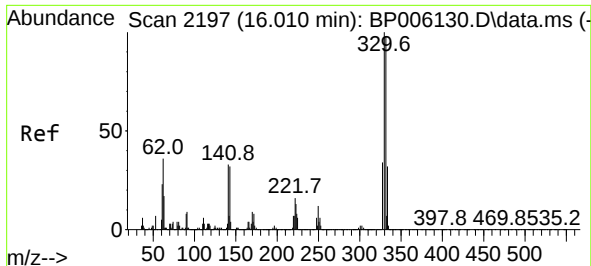
Tgt Ion:164 Resp: 445365
Ion Ratio Lower Upper
164 100
162 104.7 80.2 120.2
160 45.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.869 min Scan# 1663
Delta R.T. 0.188 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 59.5 44.5 84.5
272 21.6 0.0 32.5

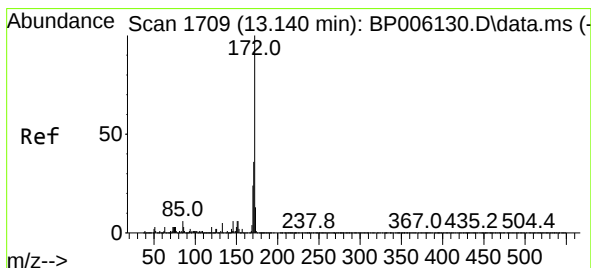
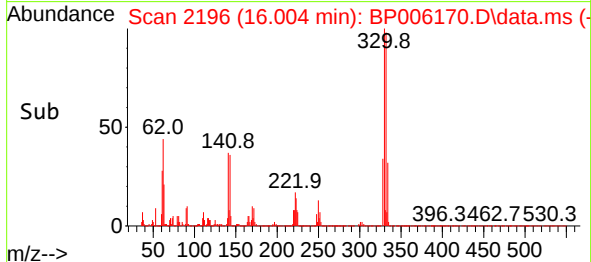
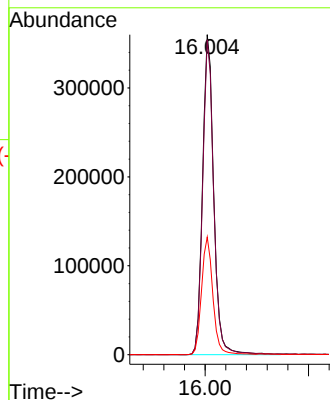
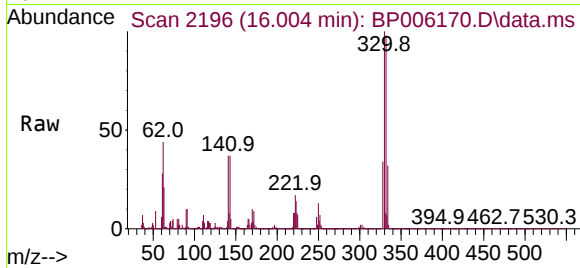




#42
2,4,6-Tribromophenol
Concen: 101.79 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

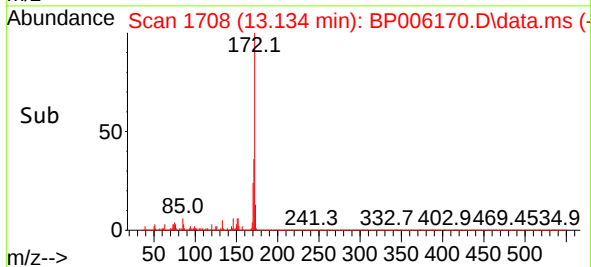
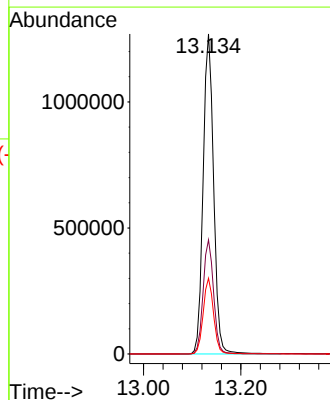
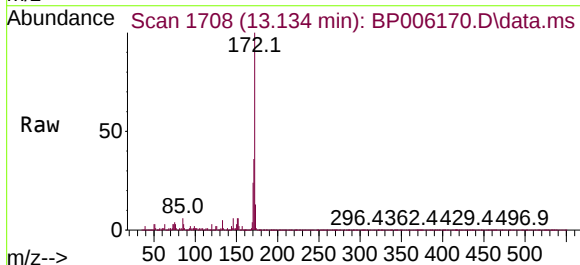
Instrument :
BNA_P
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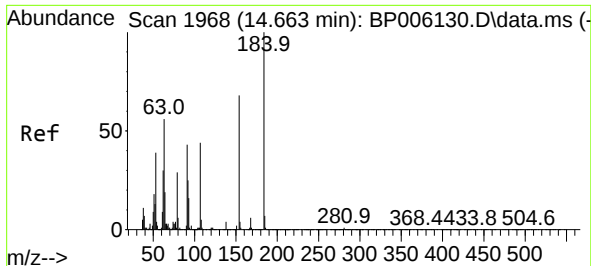
Tgt Ion:330 Resp: 539749
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 37.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 63.05 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

Tgt Ion:172 Resp: 1899507
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.7 18.6 27.8

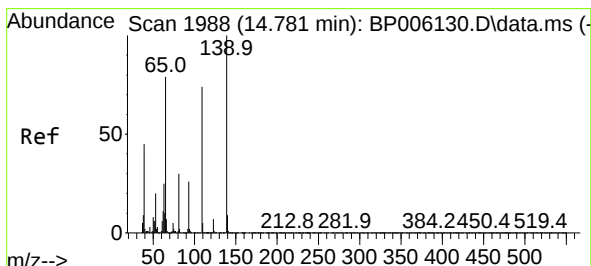
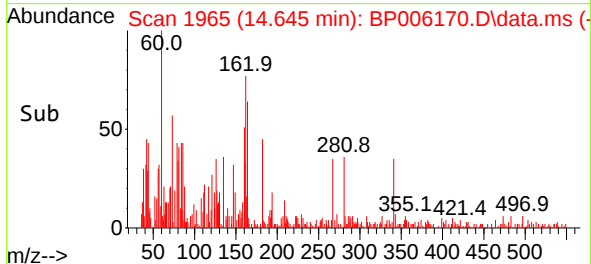
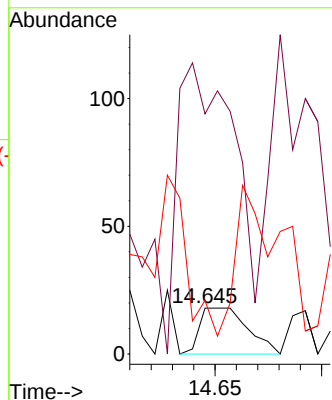
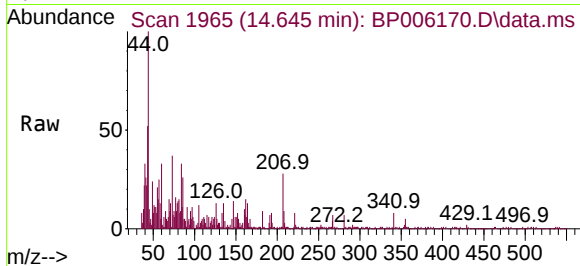




#54
2,4-Dinitrophenol
Concen: 8.89 ng
RT: 14.645 min Scan# 1965
Delta R.T. -0.018 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

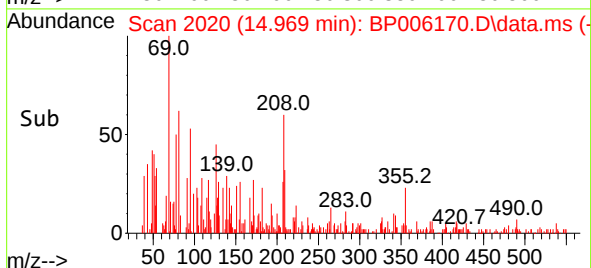
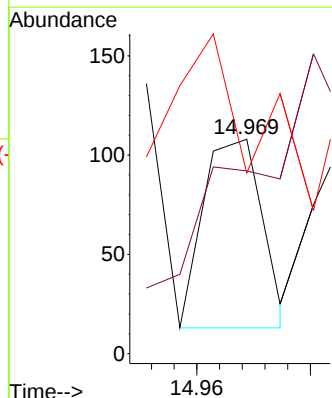
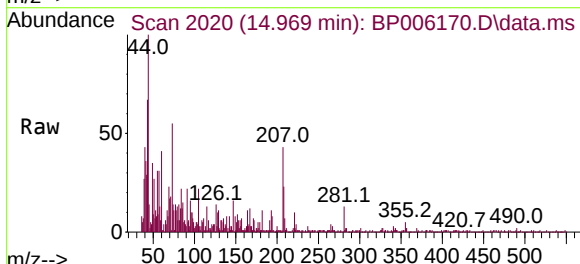
Instrument :
BNA_P
ClientSampled :
SB08

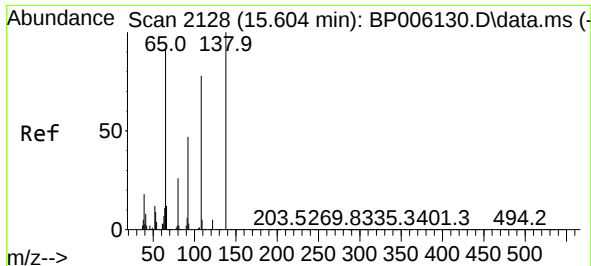
Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 522.2 47.0 70.6#
154 116.7 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.14 ng
RT: 14.969 min Scan# 2020
Delta R.T. 0.188 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

Tgt Ion:139 Resp: 69
Ion Ratio Lower Upper
139 100
109 85.2 72.3 112.3
65 84.3 72.5 112.5

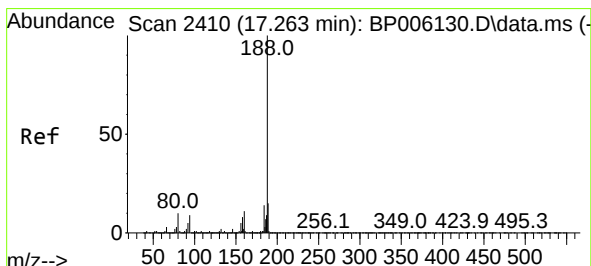
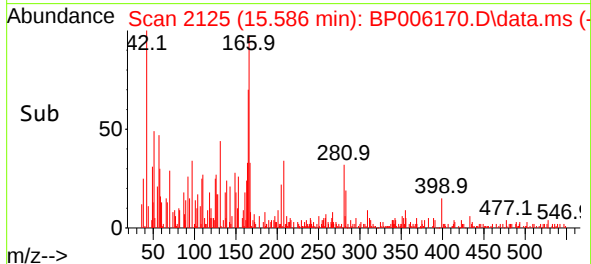
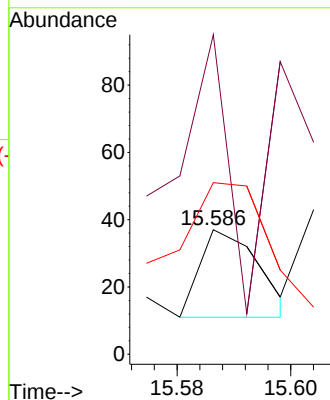
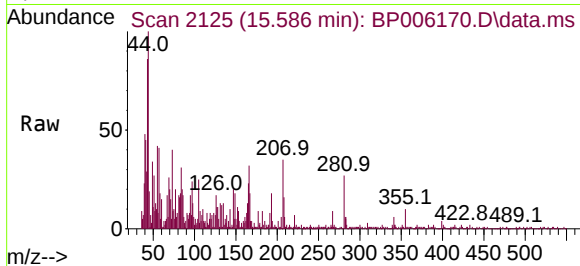




#62
4-Nitroaniline
Concen: 2.96 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

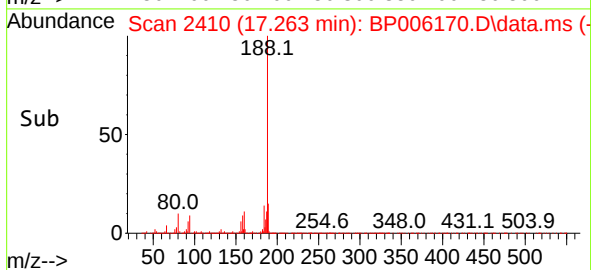
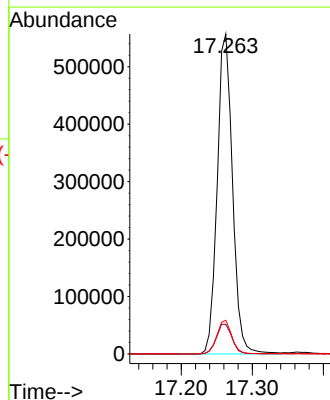
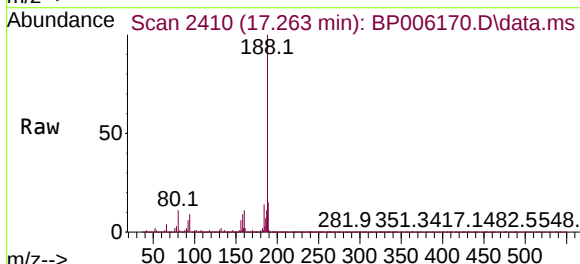
Instrument :
BNA_P
ClientSampled :
SB08

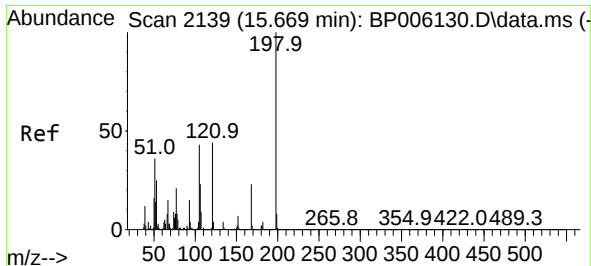
Tgt Ion:138 Resp: 19
Ion Ratio Lower Upper
138 100
92 256.8 31.2 71.2#
108 137.8 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

Tgt Ion:188 Resp: 829900
Ion Ratio Lower Upper
188 100
94 9.3 5.6 8.4#
80 10.5 6.3 9.5#

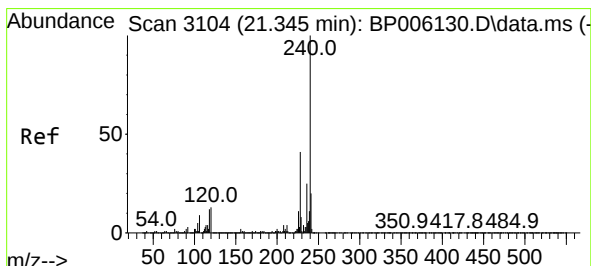
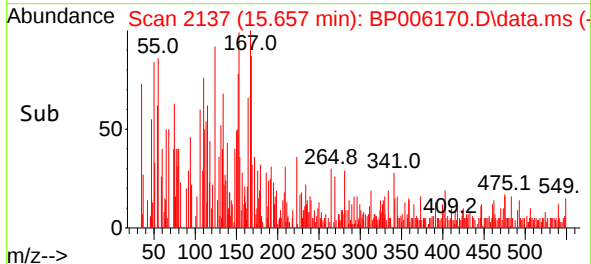
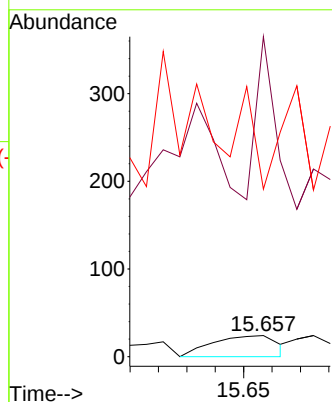
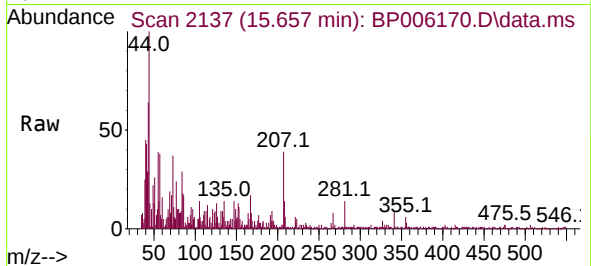




#65
4,6-Dinitro-2-methylphenol
Concen: 4.43 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

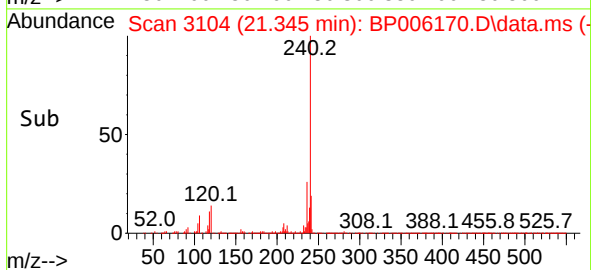
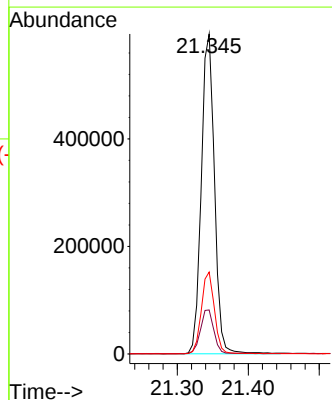
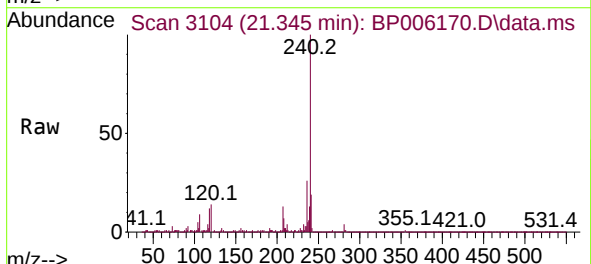
Instrument :
BNA_P
ClientSampled :
SB08

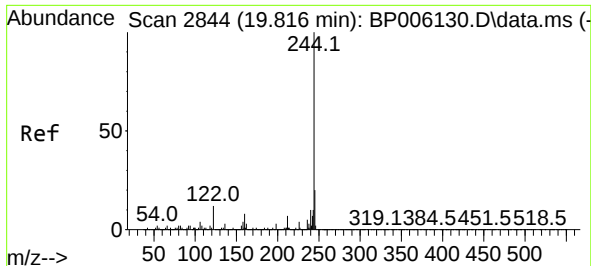
Tgt Ion:198 Resp: 38
Ion Ratio Lower Upper
198 100
51 1520.8 14.0 54.0#
105 795.8 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

Tgt Ion:240 Resp: 769526
Ion Ratio Lower Upper
240 100
120 13.7 6.5 9.7#
236 25.6 20.6 31.0

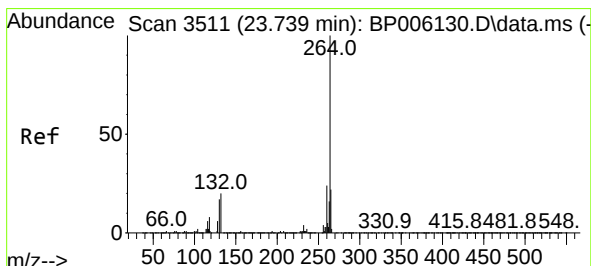
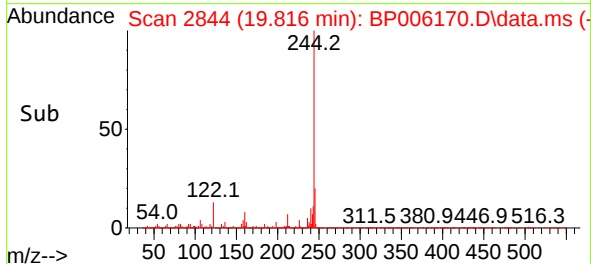
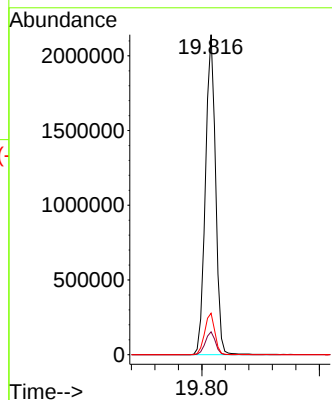
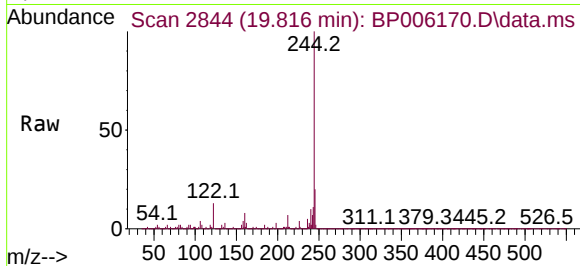




#79
Terphenyl-d14
Concen: 65.17 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP006170.D
Acq: 09 Jul 2021 20:23

Instrument :
BNA_P
ClientSampleId :
SB08

Tgt Ion:244 Resp: 2543734
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 12.9 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: BP006170.D
Acq: 09 Jul 2021 20:23

Tgt Ion:264 Resp: 867945
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.6 17.6 26.4

