

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071521\
 Data File : BP006240.D
 Acq On : 15 Jul 2021 16:03
 Operator : CG/JU
 Sample : M3039-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-01-COMP

Quant Time: Jul 15 18:08:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 15 13:37:02 2021
 Response via : Initial Calibration

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

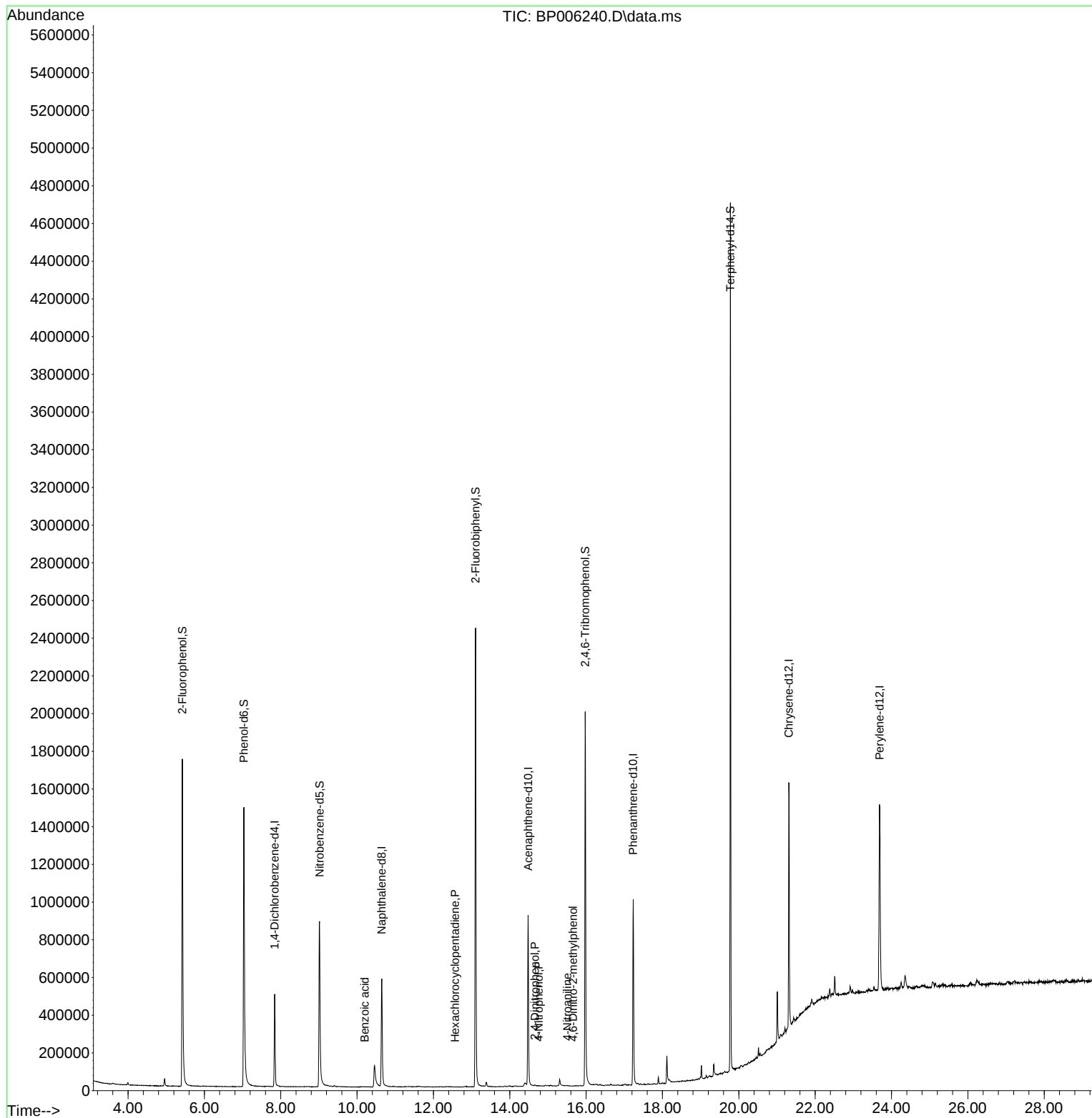
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	149168	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	578994	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	324658	20.000	ng	0.00
64) Phenanthrene-d10	17.234	188	634495	20.000	ng	# 0.00
76) Chrysene-d12	21.310	240	639750	20.000	ng	# 0.00
86) Perylene-d12	23.686	264	744675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	952523	109.873	ng	0.00
7) Phenol-d6	7.034	99	1131736	98.694	ng	0.00
23) Nitrobenzene-d5	9.016	82	638000	69.602	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	396025	102.458	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1313467	59.809	ng	0.00
79) Terphenyl-d14	19.781	244	1849302	56.993	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.199	122	128	6.922	ng	90
41) Hexachlorocyclopentadiene	12.569	237	13	8.709	ng	76
54) 2,4-Dinitrophenol	14.657	184	6	8.882	ng	# 1
56) 4-Nitrophenol	14.757	139	13	7.128	ng	# 12
62) 4-Nitroaniline	15.510	138	49	2.967	ng	94
65) 4,6-Dinitro-2-methylph...	15.657	198	11	4.421	ng	# 1

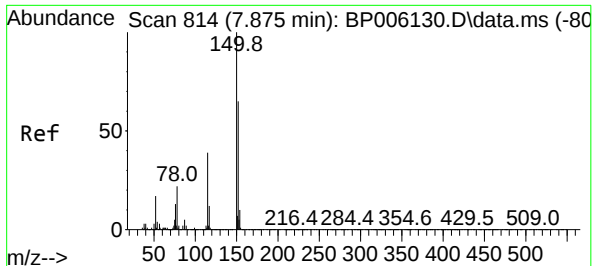
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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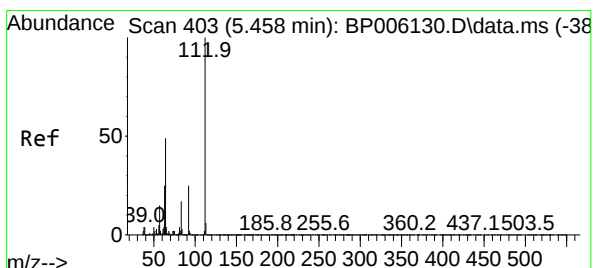
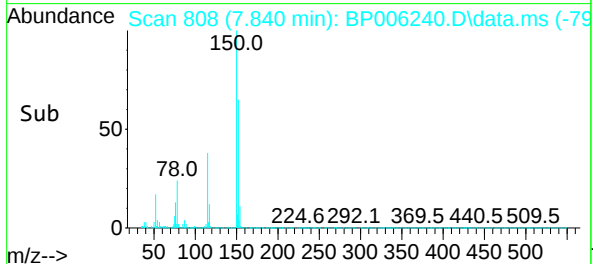
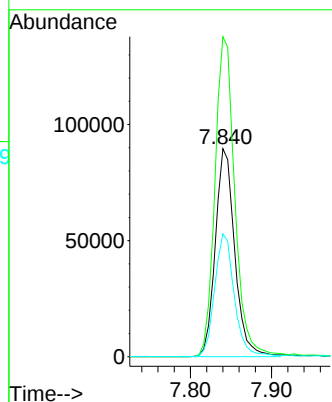
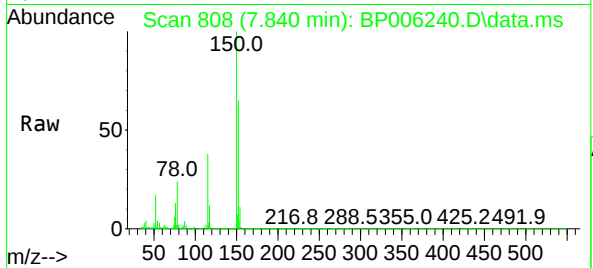




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

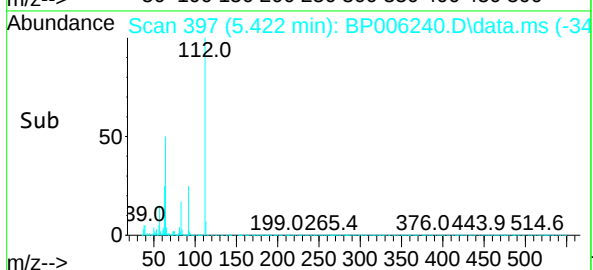
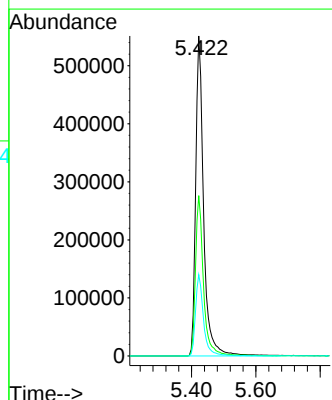
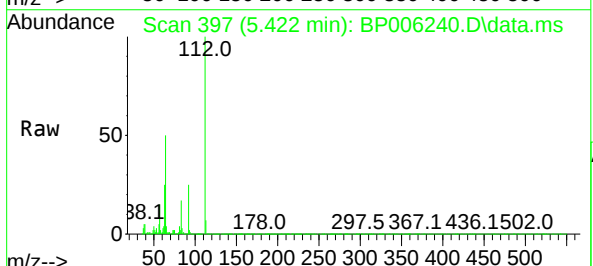
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

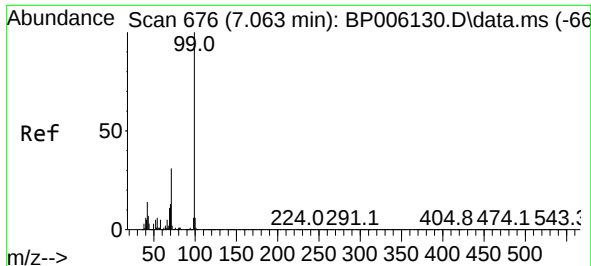
Tgt Ion:152 Resp: 149168
Ion Ratio Lower Upper
152 100
150 153.9 125.6 188.4
115 59.1 48.5 72.7



#5
2-Fluorophenol
Concen: 109.873 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

Tgt Ion:112 Resp: 952523
Ion Ratio Lower Upper
112 100
64 50.1 41.4 62.2
63 25.4 23.8 35.8

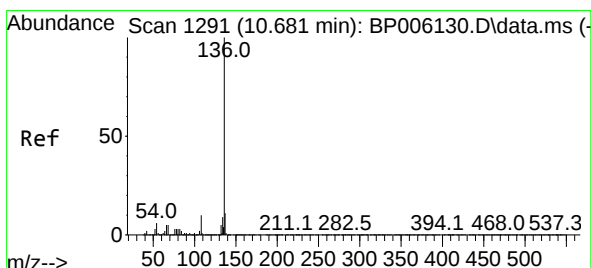
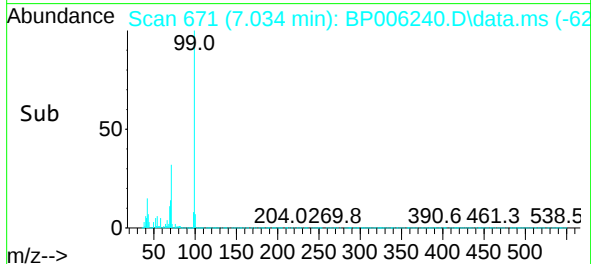
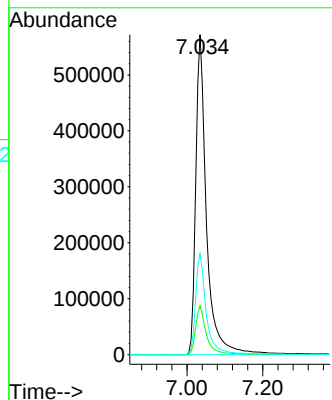
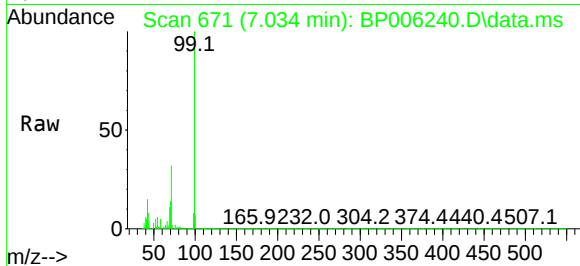




#7
Phenol-d6
Concen: 98.694 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

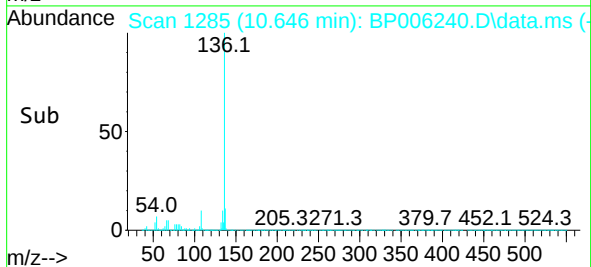
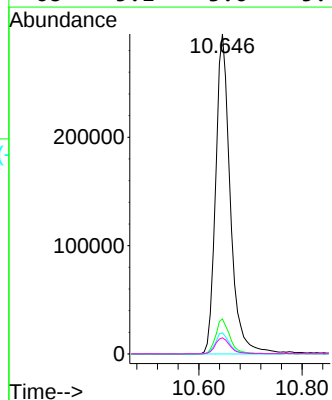
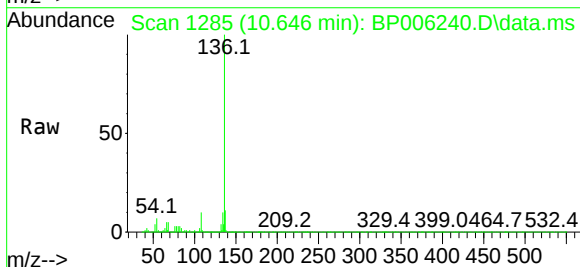
Instrument :
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ClientSampleId :
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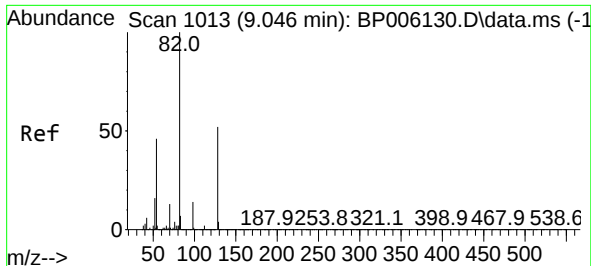
Tgt Ion: 99 Resp: 1131736
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 31.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

Tgt Ion: 136 Resp: 578994
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.6 4.6 6.8
68 5.1 3.6 5.4

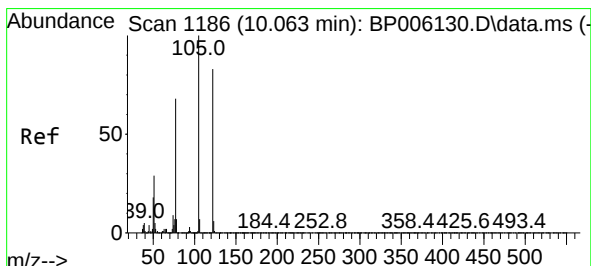
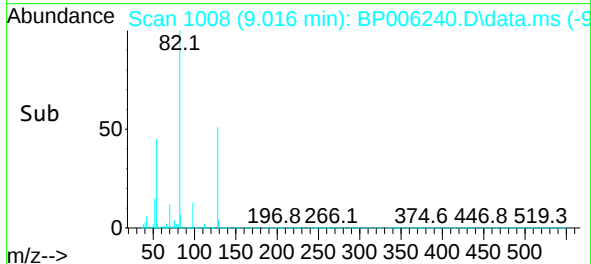
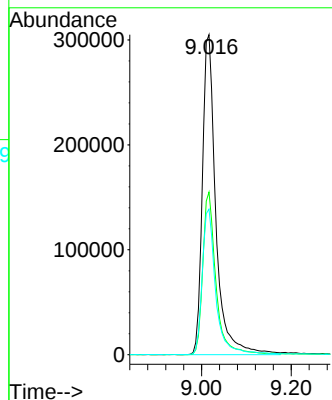
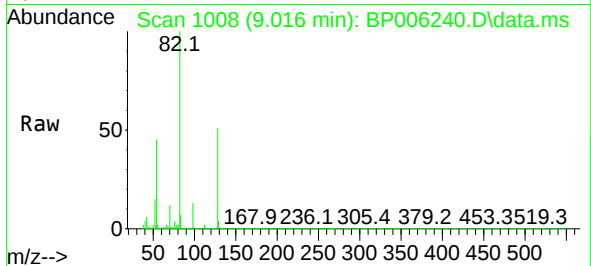




#23
Nitrobenzene-d5
Concen: 69.602 ng
RT: 9.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

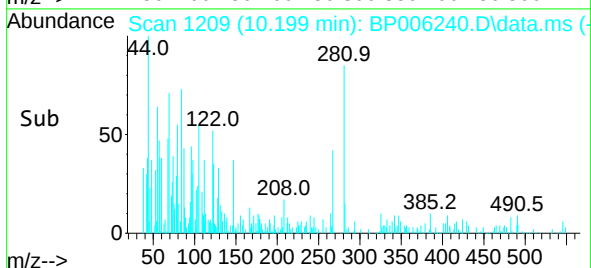
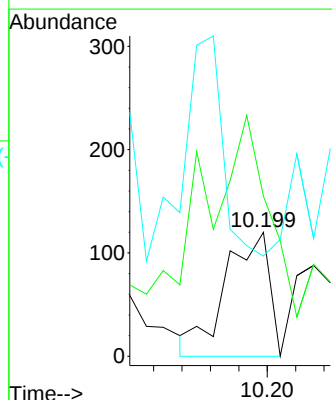
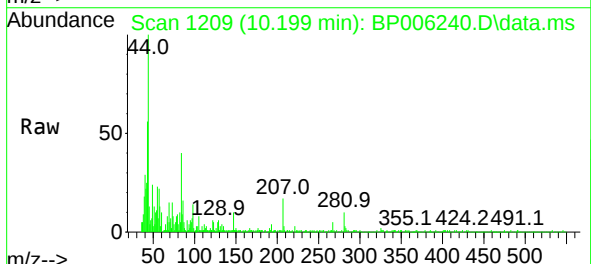
Instrument :
BNA_P
ClientSampleId :
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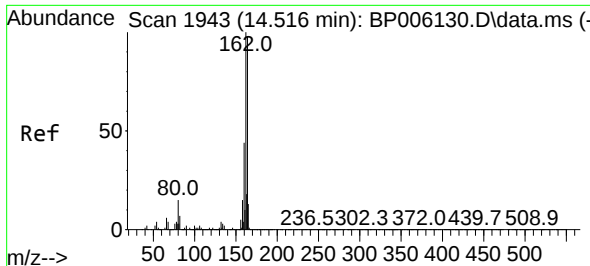
Tgt Ion: 82 Resp: 638000
Ion Ratio Lower Upper
82 100
128 50.8 35.7 53.5
54 45.5 35.0 52.4



#32
Benzoic acid
Concen: 6.922 ng
RT: 10.199 min Scan# 1209
Delta R.T. 0.153 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

Tgt Ion: 122 Resp: 128
Ion Ratio Lower Upper
122 100
105 129.2 103.2 143.2
77 80.8 76.2 116.2

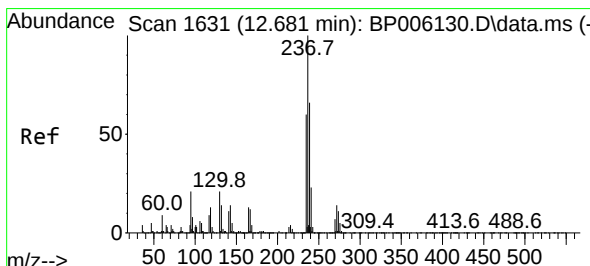
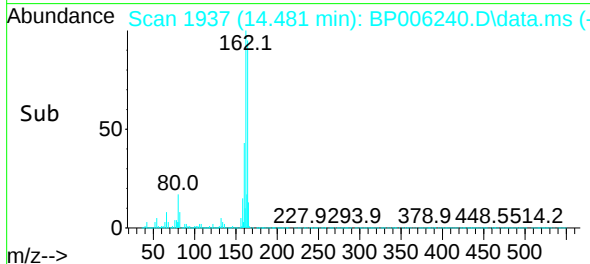
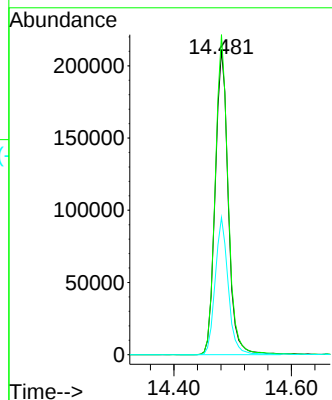
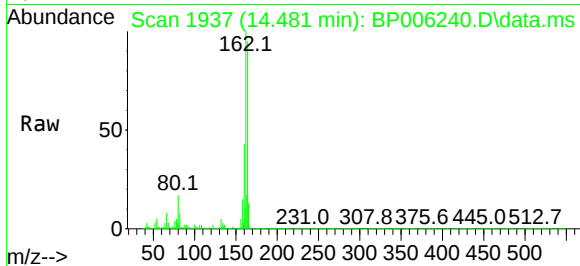




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

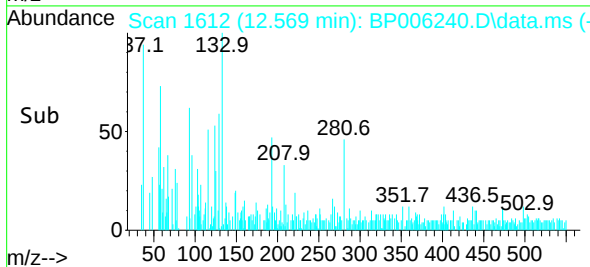
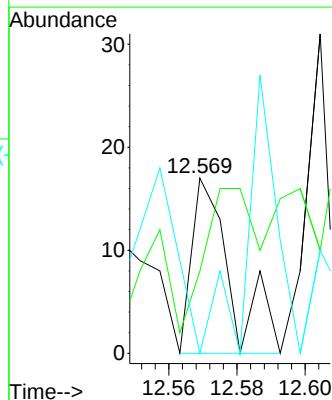
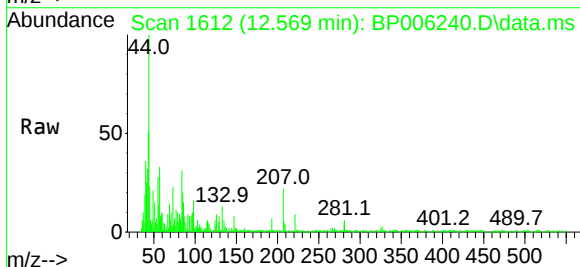
Instrument :
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ClientSampleId :
SB-01-COMP

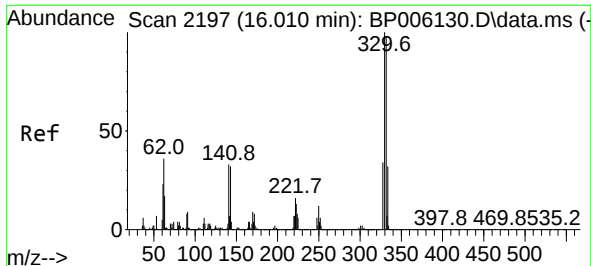
Tgt Ion:164 Resp: 324658
Ion Ratio Lower Upper
164 100
162 105.1 80.2 120.2
160 45.0 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.709 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.076 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 47.1 44.5 84.5
272 0.0 0.0 32.5

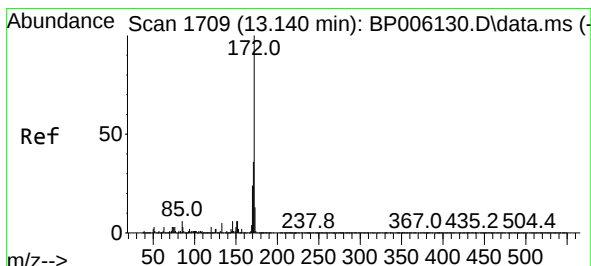
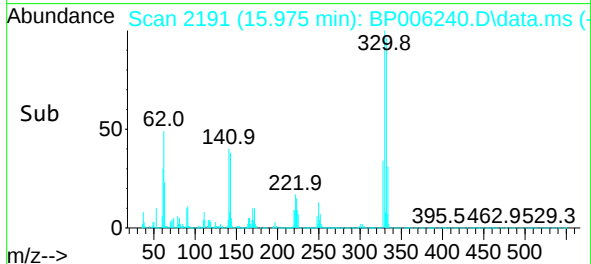
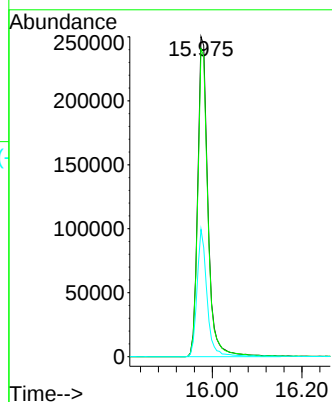
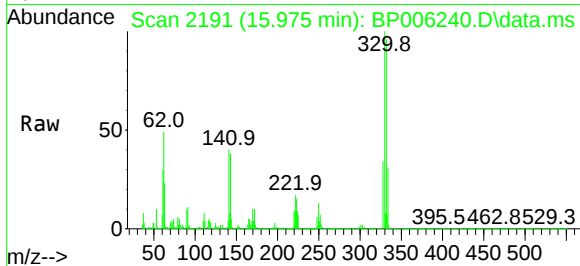




#42
2,4,6-Tribromophenol
Concen: 102.458 ng
RT: 15.975 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

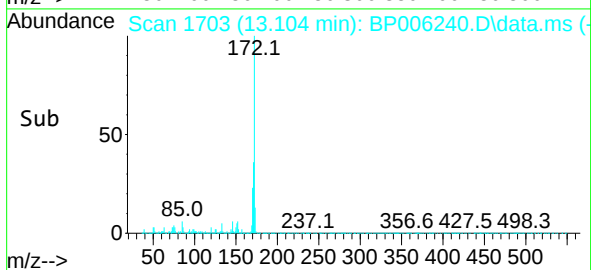
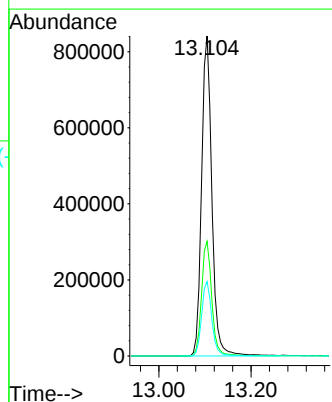
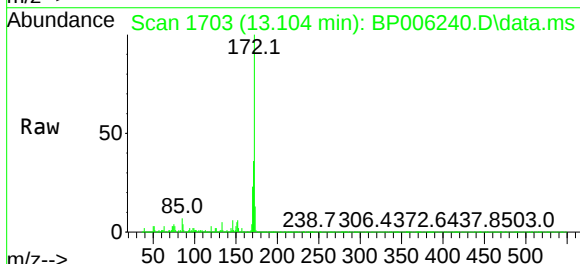
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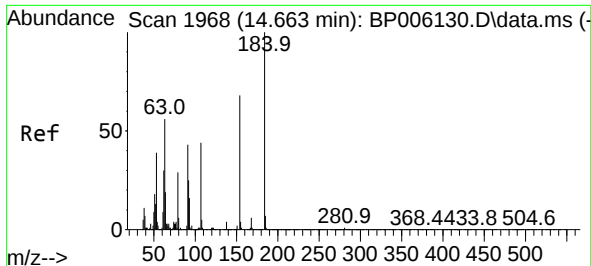
Tgt Ion:330 Resp: 396025
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.8
141 38.6 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 59.809 ng
RT: 13.104 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

Tgt Ion:172 Resp: 1313467
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.3 18.6 27.8

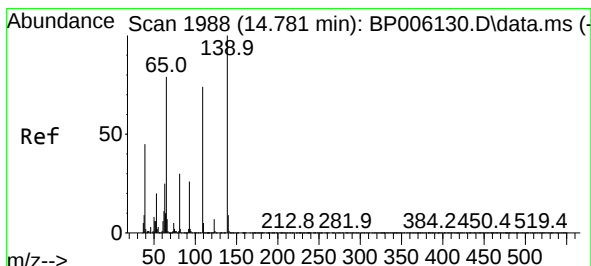
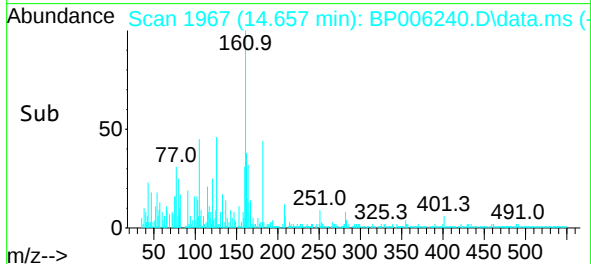
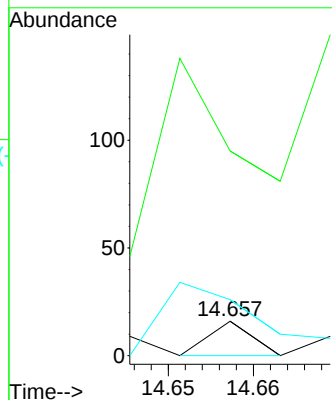
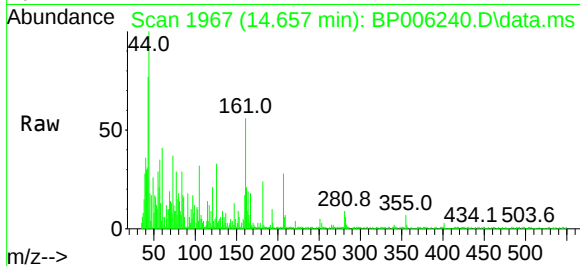




#54
2,4-Dinitrophenol
Concen: 8.882 ng
RT: 14.657 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

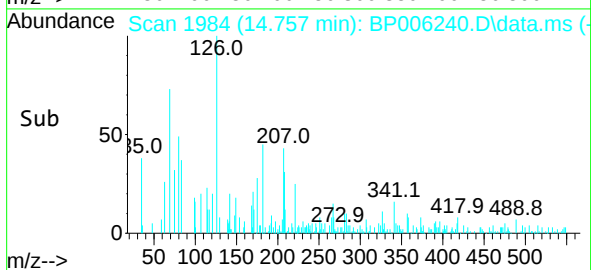
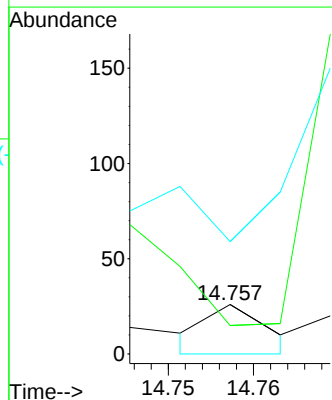
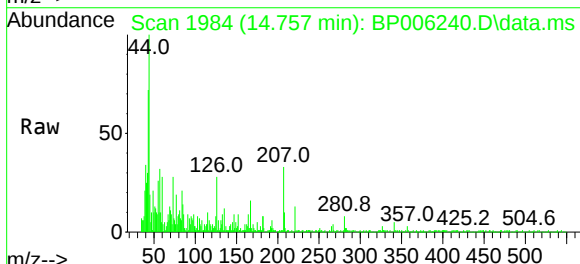
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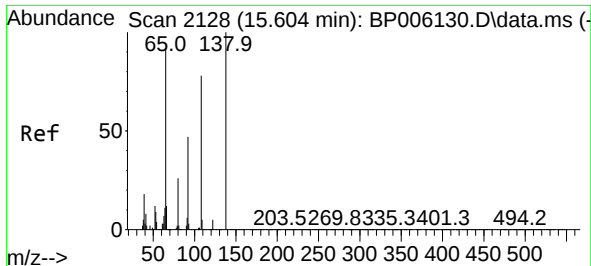
Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 593.8 47.0 70.6#
154 162.5 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.128 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.017 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

Tgt Ion:139 Resp: 13
Ion Ratio Lower Upper
139 100
109 57.7 72.3 112.3#
65 226.9 72.5 112.5#

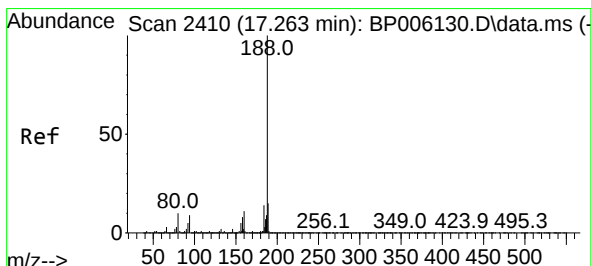
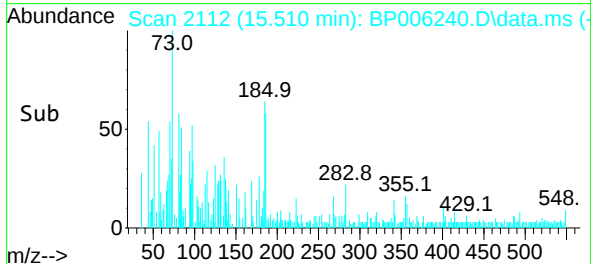
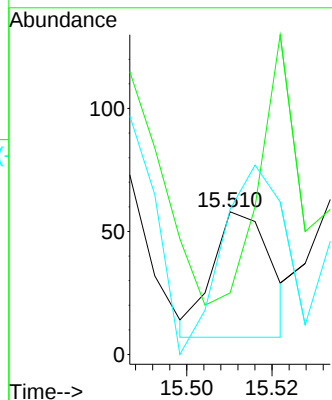
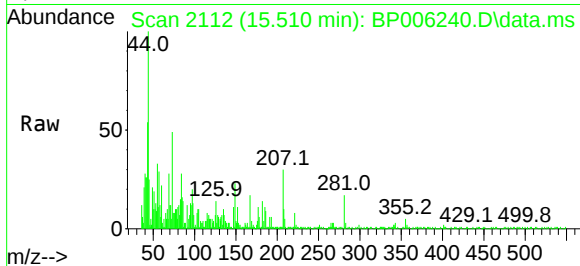




#62
4-Nitroaniline
Concen: 2.967 ng
RT: 15.510 min Scan# 2112
Delta R.T. -0.070 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

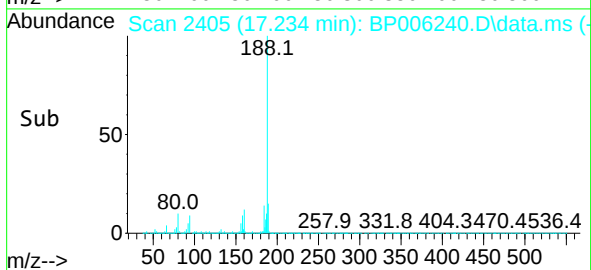
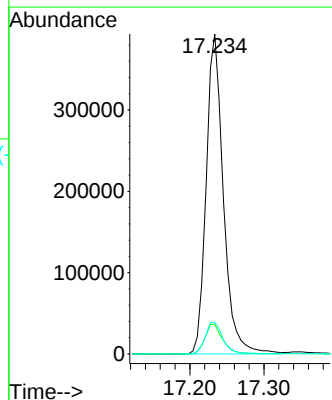
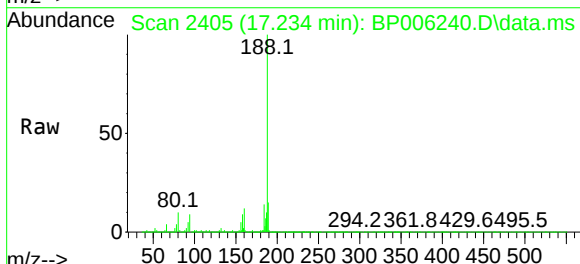
Instrument :
BNA_P
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SB-01-COMP

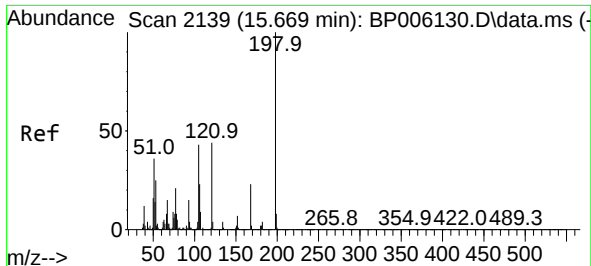
Tgt Ion:138 Resp: 49
Ion Ratio Lower Upper
138 100
92 43.1 31.2 71.2
108 101.7 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.234 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

Tgt Ion:188 Resp: 634495
Ion Ratio Lower Upper
188 100
94 9.3 5.6 8.4#
80 9.9 6.3 9.5#

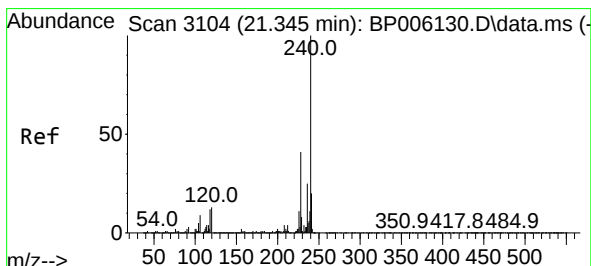
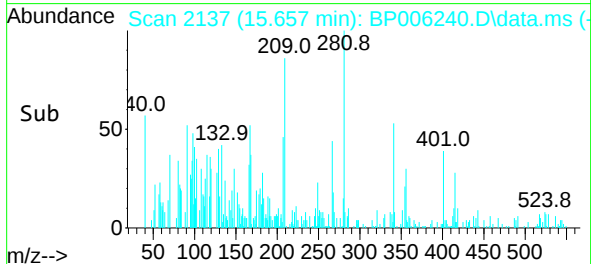
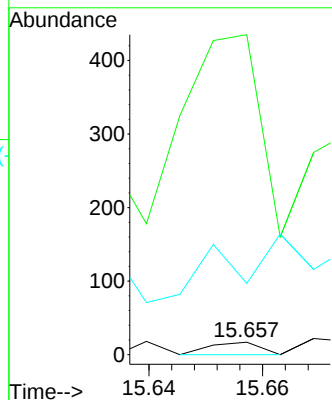
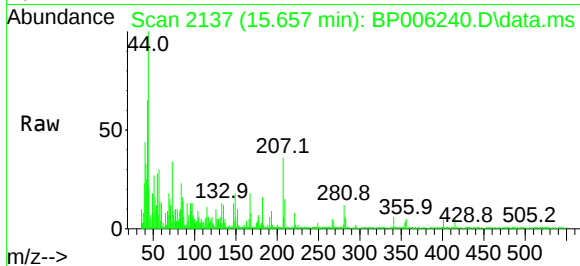




#65
4,6-Dinitro-2-methylphenol
Concen: 4.421 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.012 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

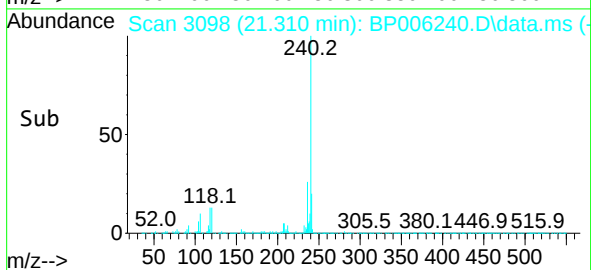
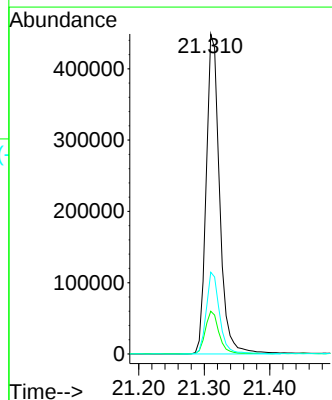
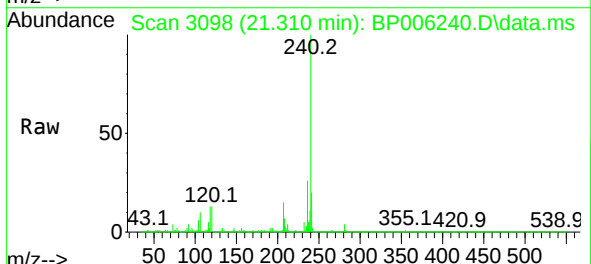
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

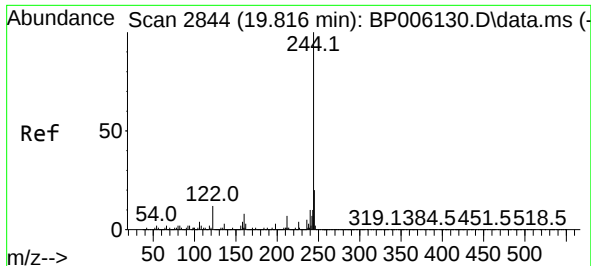
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 2558.8 14.0 54.0#
105 570.6 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

Tgt Ion:240 Resp: 639750
Ion Ratio Lower Upper
240 100
120 13.4 6.5 9.7#
236 25.5 20.6 31.0

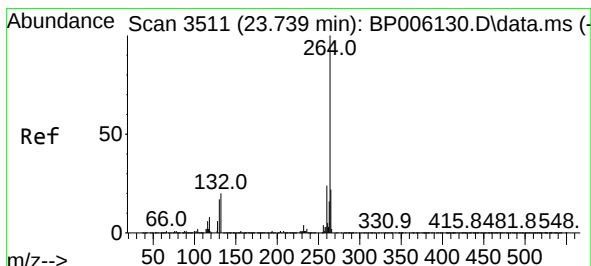
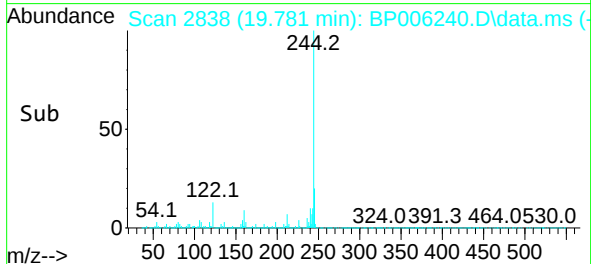
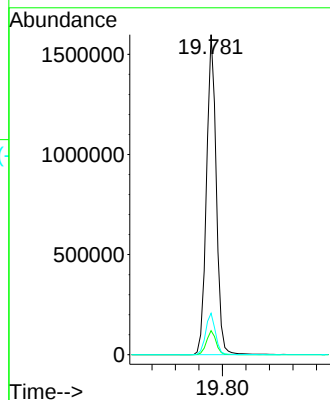
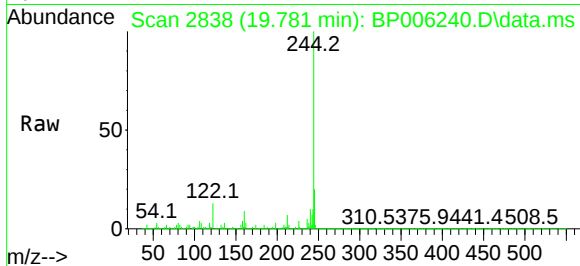




#79
Terphenyl-d14
Concen: 56.993 ng
RT: 19.781 min Scan# 2838
Delta R.T. 0.000 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

Tgt Ion:244 Resp: 1849302
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 12.9 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.686 min Scan# 3502
Delta R.T. -0.006 min
Lab File: BP006240.D
Acq: 15 Jul 2021 16:03

Tgt Ion:264 Resp: 744675
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 22.2 17.6 26.4

