

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071521\
 Data File : BP006241.D
 Acq On : 15 Jul 2021 16:37
 Operator : CG/JU
 Sample : M3038-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-06-COMP

Quant Time: Jul 15 18:09:16 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)

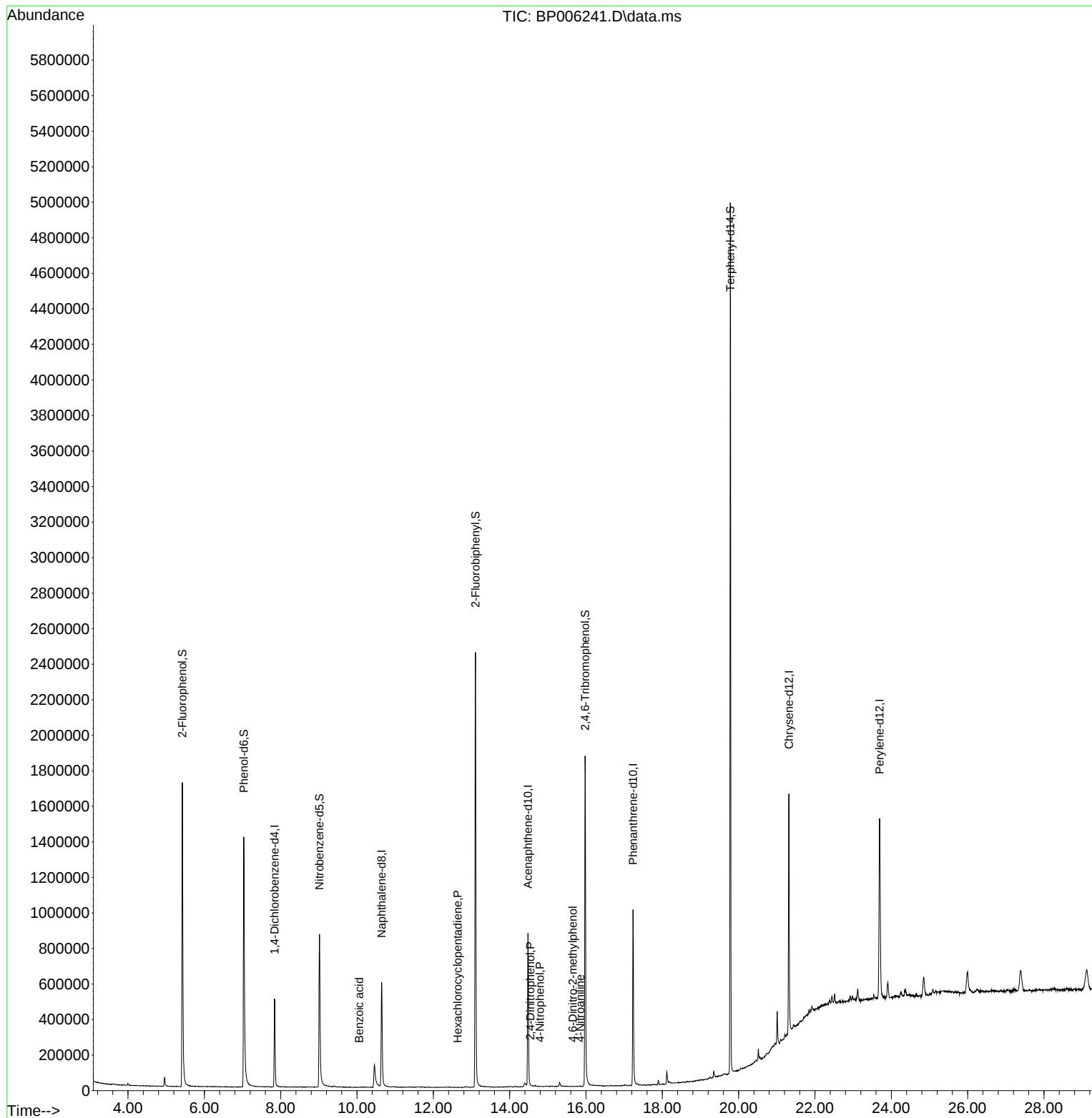
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	150661	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	607808	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	329600	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	661135	20.000	ng	# 0.00
76) Chrysene-d12	21.316	240	662192	20.000	ng	# 0.00
86) Perylene-d12	23.692	264	769086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	916476	104.667	ng	0.00
7) Phenol-d6	7.034	99	1095294	94.569	ng	0.00
23) Nitrobenzene-d5	9.016	82	621185	64.555	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	390175	99.431	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1375751	61.706	ng	0.00
79) Terphenyl-d14	19.780	244	2121243	63.158	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.057	122	30	6.907	ng	# 1
41) Hexachlorocyclopentadiene	12.634	237	16	8.711	ng	88
54) 2,4-Dinitrophenol	14.545	184	22	8.887	ng	93
56) 4-Nitrophenol	14.792	139	124	7.152	ng	# 60
62) 4-Nitroaniline	15.845	138	4	2.959	ng	81
65) 4,6-Dinitro-2-methylph...	15.657	198	7	4.420	ng	# 1

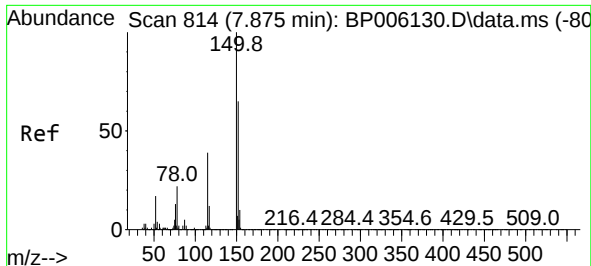
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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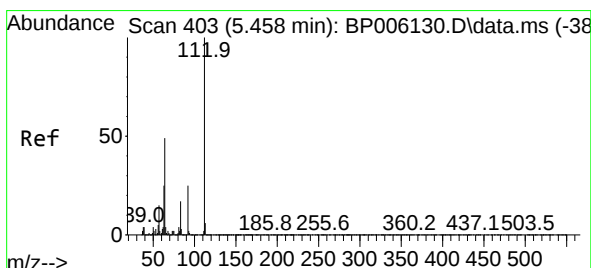
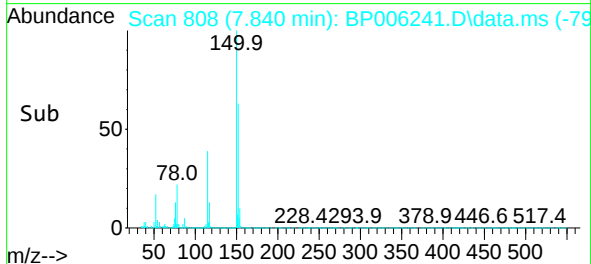
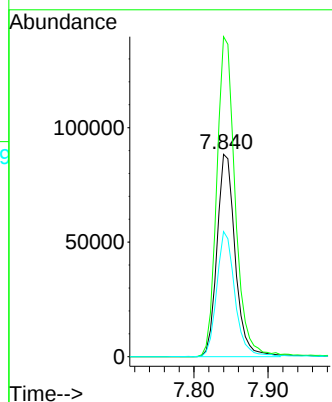
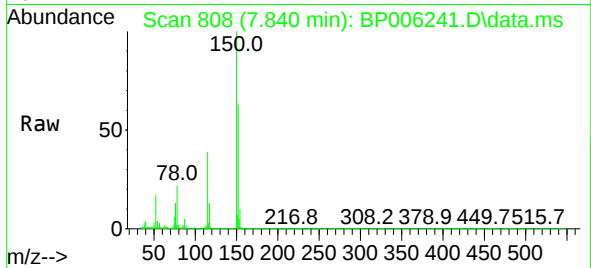




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

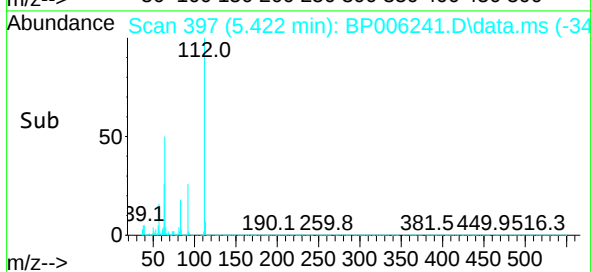
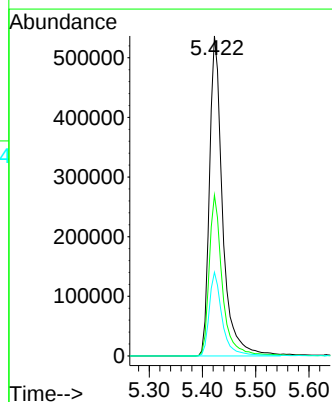
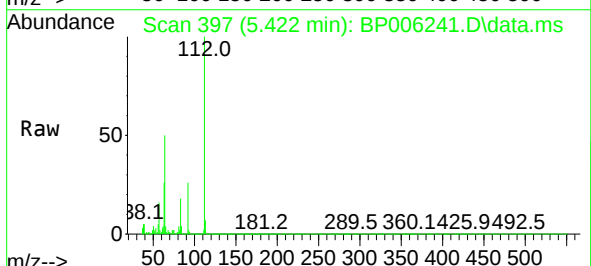
Instrument :
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ClientSampleId :
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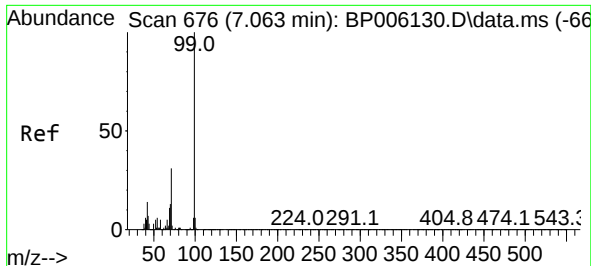
Tgt Ion:152 Resp: 150661
Ion Ratio Lower Upper
152 100
150 158.0 125.6 188.4
115 61.8 48.5 72.7



#5
2-Fluorophenol
Concen: 104.667 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

Tgt Ion:112 Resp: 916476
Ion Ratio Lower Upper
112 100
64 50.3 41.4 62.2
63 26.2 23.8 35.8

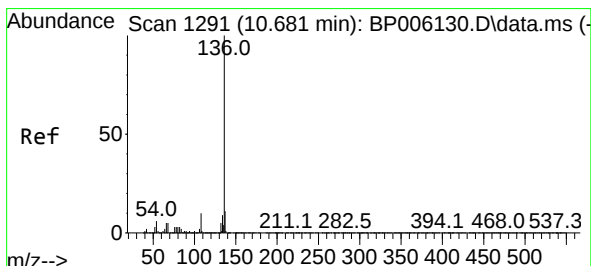
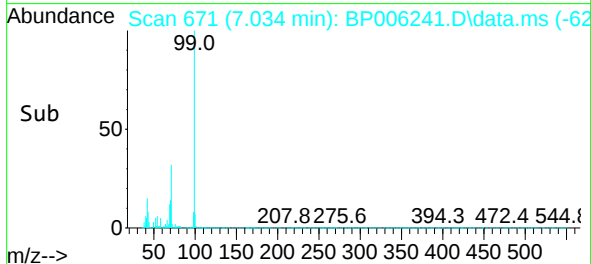
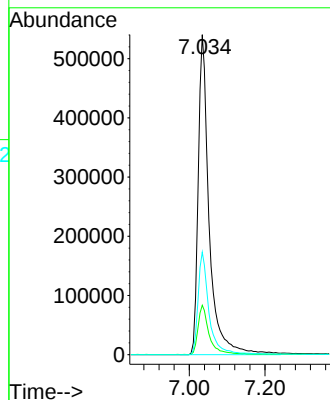
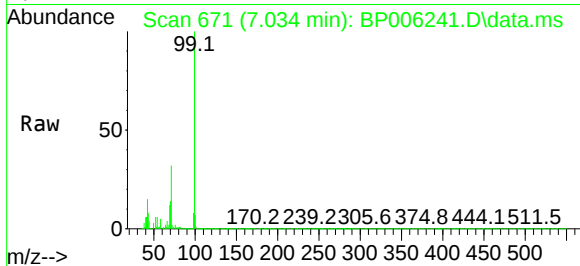




#7
Phenol-d6
Concen: 94.569 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

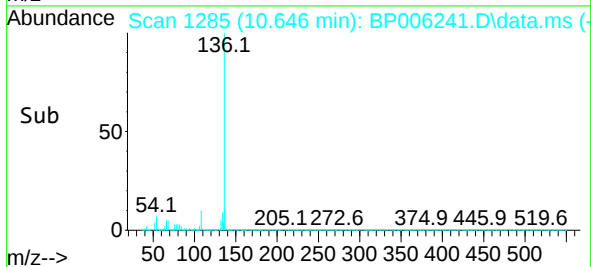
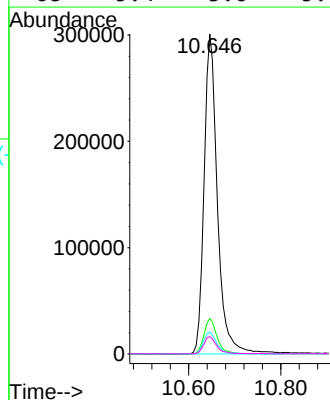
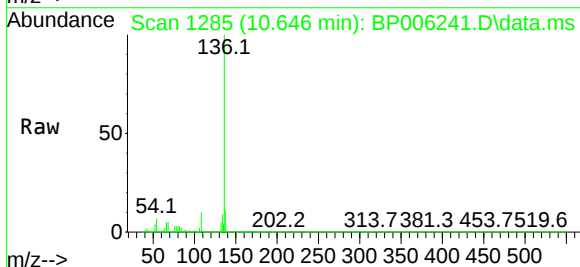
Instrument :
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ClientSampleId :
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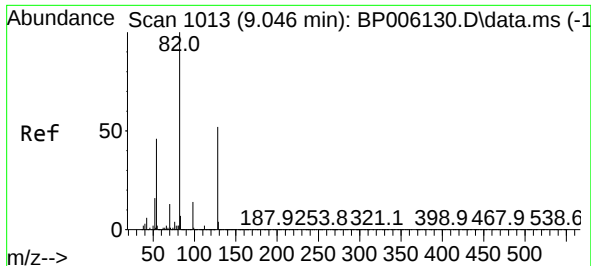
Tgt Ion: 99 Resp: 1095294
Ion Ratio Lower Upper
99 100
42 15.5 13.4 20.0
71 32.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

Tgt Ion:136 Resp: 607808
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.9 4.6 6.8#
68 5.4 3.6 5.4#

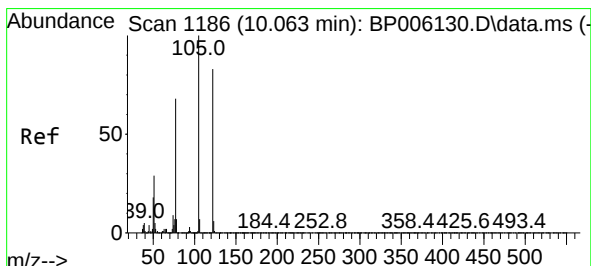
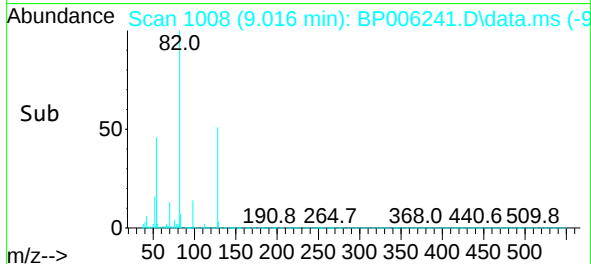
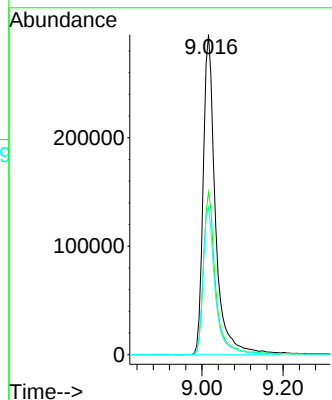
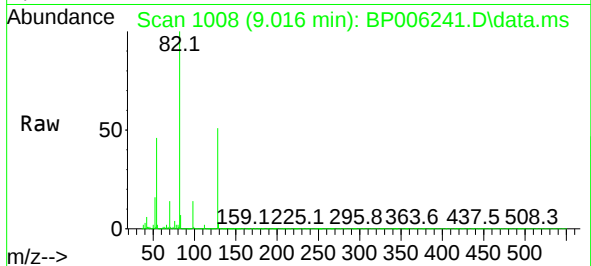




#23
Nitrobenzene-d5
Concen: 64.555 ng
RT: 9.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

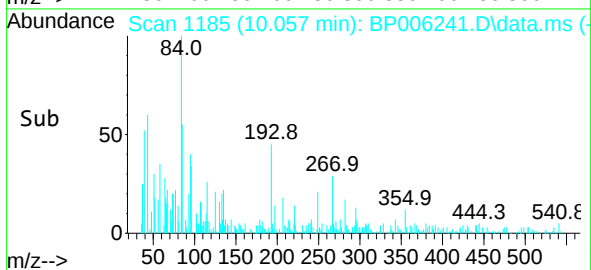
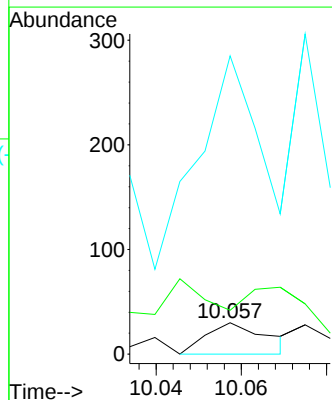
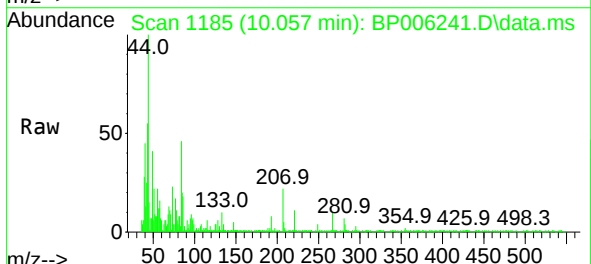
Instrument :
BNA_P
ClientSampleId :
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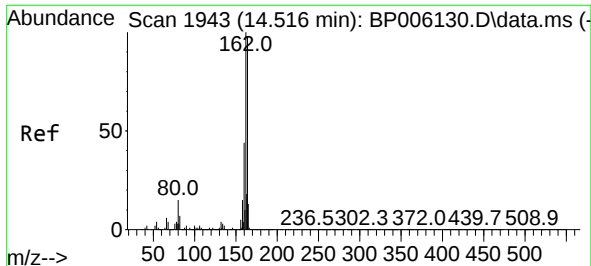
Tgt Ion: 82 Resp: 621185
Ion Ratio Lower Upper
82 100
128 50.8 35.7 53.5
54 46.1 35.0 52.4



#32
Benzoic acid
Concen: 6.907 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

Tgt Ion: 122 Resp: 30
Ion Ratio Lower Upper
122 100
105 140.0 103.2 143.2
77 950.0 76.2 116.2#

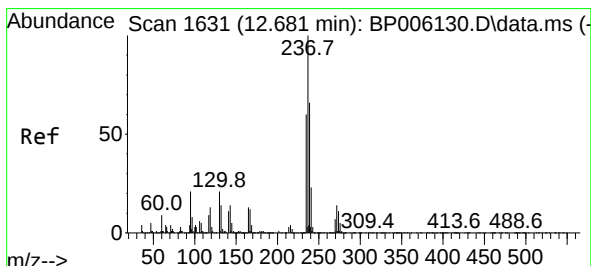
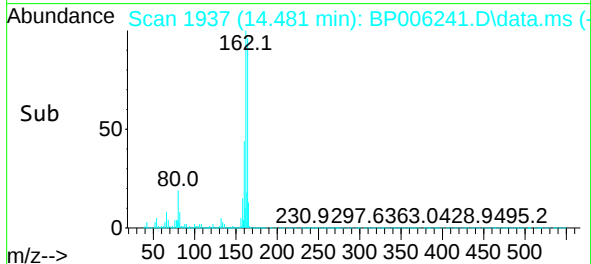
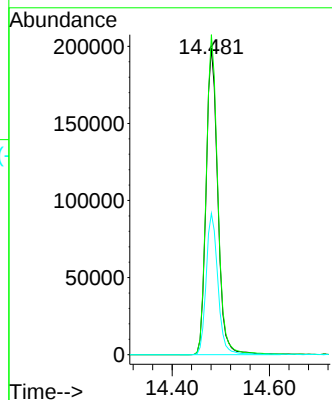
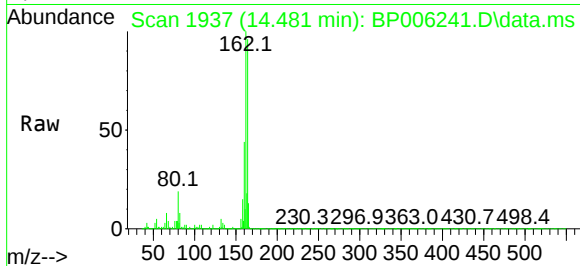




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

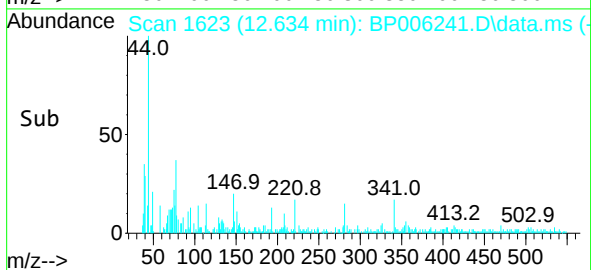
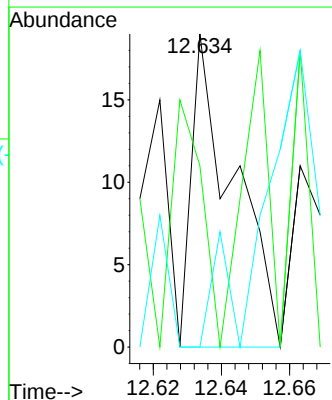
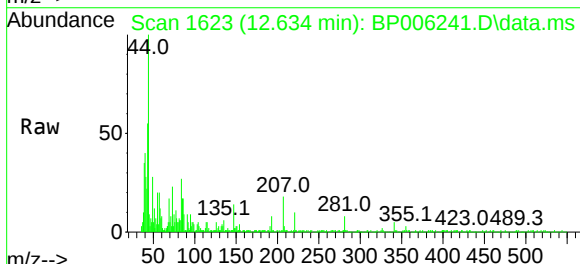
Instrument :
BNA_P
ClientSampleId :
SB-06-COMP

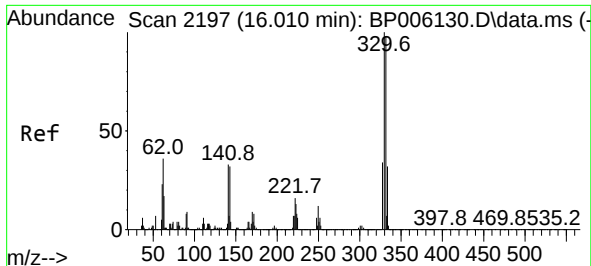
Tgt Ion:164 Resp: 329600
Ion Ratio Lower Upper
164 100
162 104.4 80.2 120.2
160 46.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.711 ng
RT: 12.634 min Scan# 1623
Delta R.T. -0.012 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

Tgt Ion:237 Resp: 16
Ion Ratio Lower Upper
237 100
235 57.9 44.5 84.5
272 0.0 0.0 32.5

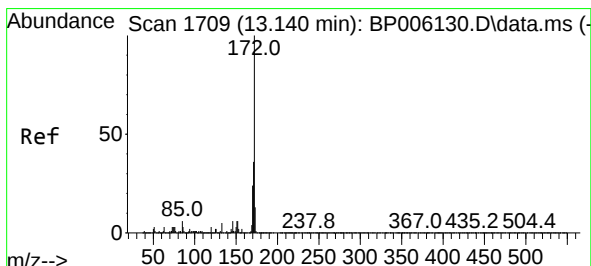
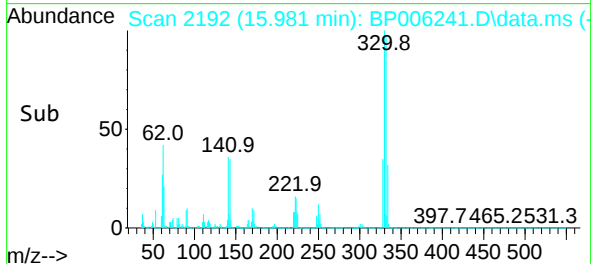
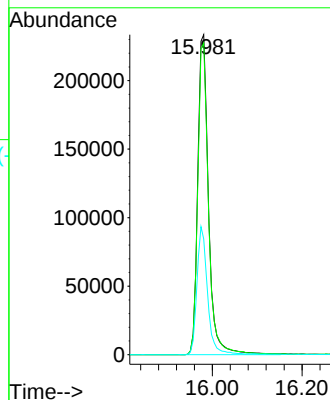
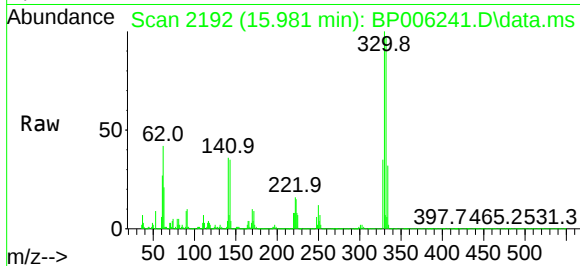




#42
2,4,6-Tribromophenol
Concen: 99.431 ng
RT: 15.981 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

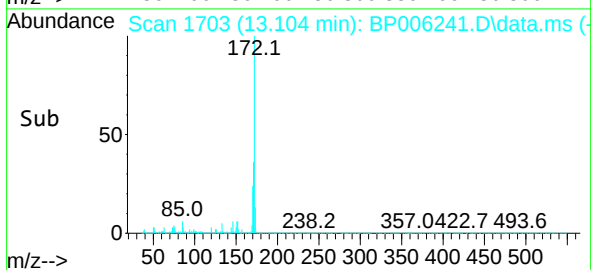
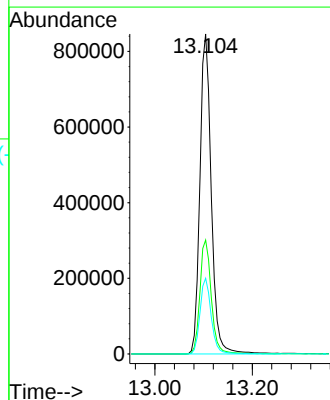
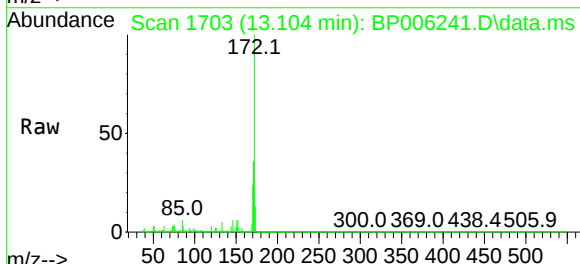
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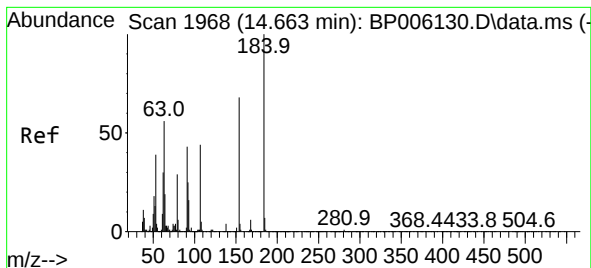
Tgt Ion:330 Resp: 390175
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 39.1 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 61.706 ng
RT: 13.104 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

Tgt Ion:172 Resp: 1375751
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.6 18.6 27.8

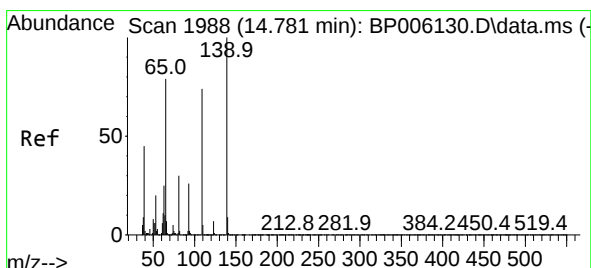
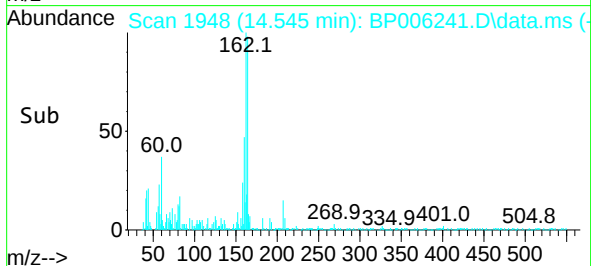
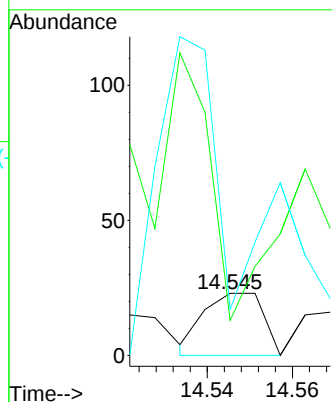
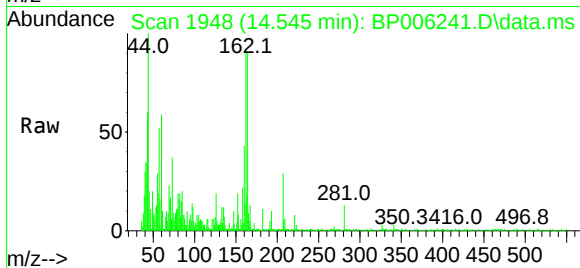




#54
2,4-Dinitrophenol
Concen: 8.887 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.106 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

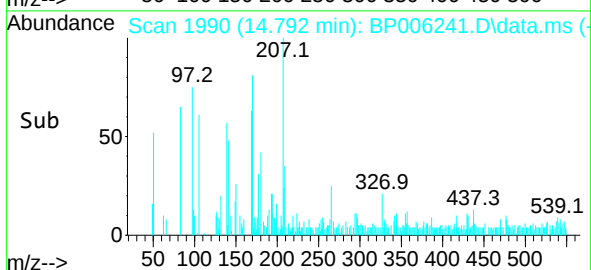
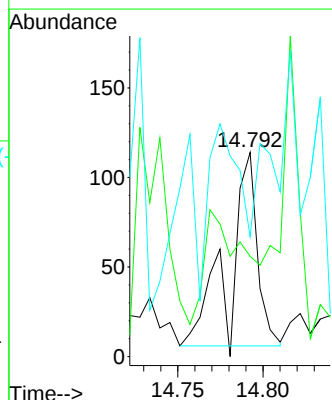
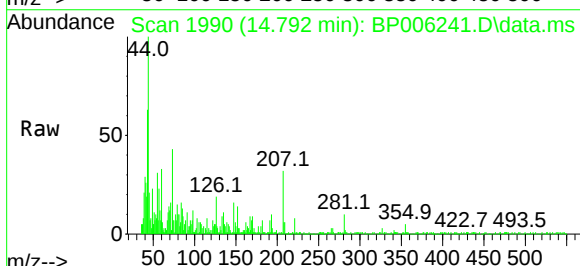
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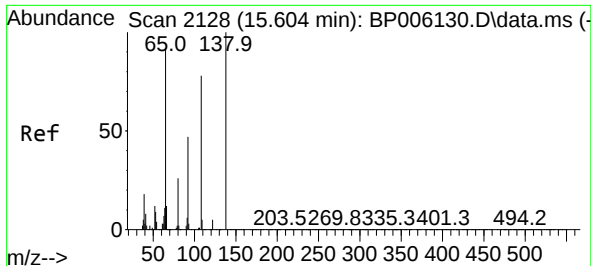
Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 56.5 47.0 70.6
154 73.9 52.3 78.5



#56
4-Nitrophenol
Concen: 7.152 ng
RT: 14.792 min Scan# 1990
Delta R.T. 0.018 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

Tgt Ion:139 Resp: 124
Ion Ratio Lower Upper
139 100
109 49.1 72.3 112.3#
65 58.8 72.5 112.5#

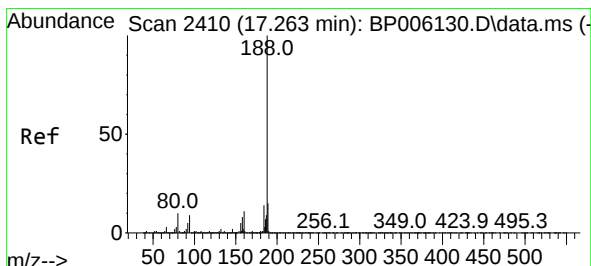
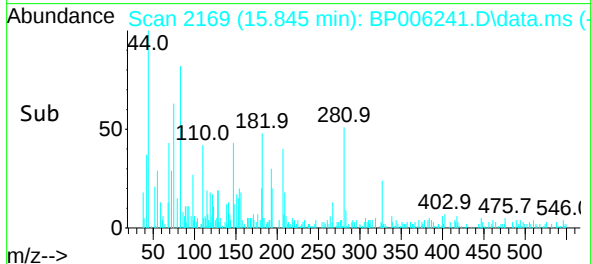
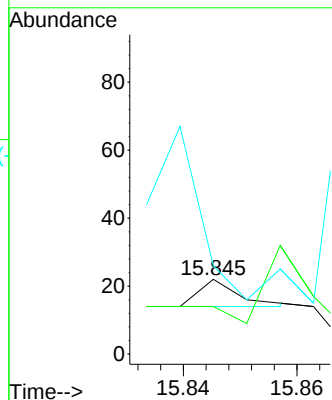
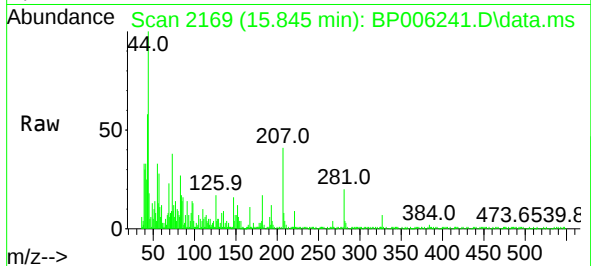




#62
4-Nitroaniline
Concen: 2.959 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.265 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

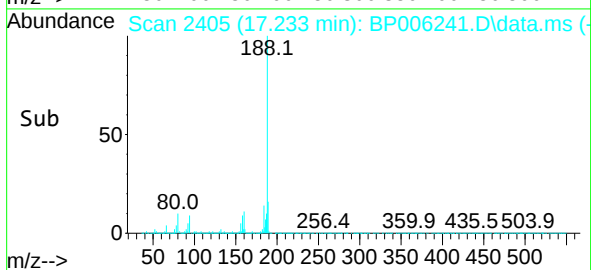
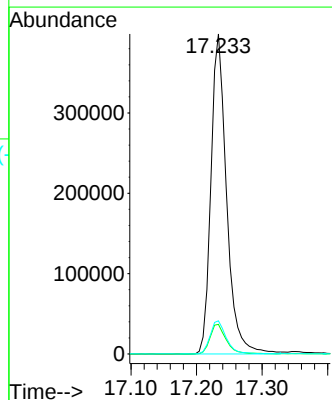
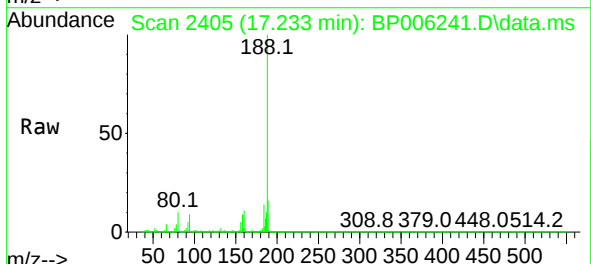
Instrument :
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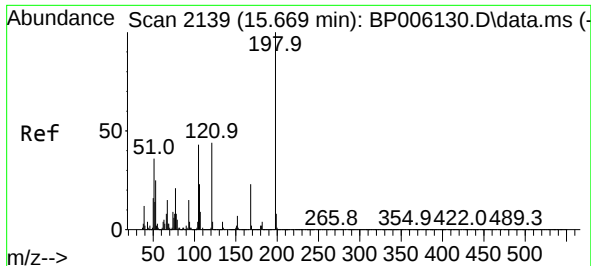
Tgt Ion:138 Resp: 4
Ion Ratio Lower Upper
138 100
92 63.6 31.2 71.2
108 118.2 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

Tgt Ion:188 Resp: 661135
Ion Ratio Lower Upper
188 100
94 9.3 5.6 8.4#
80 10.4 6.3 9.5#

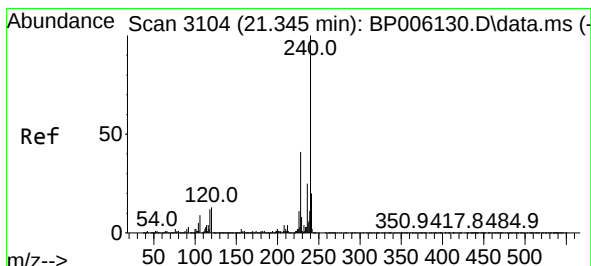
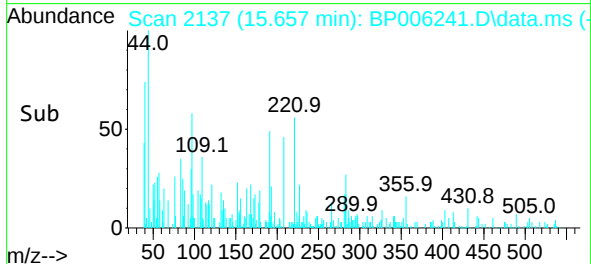
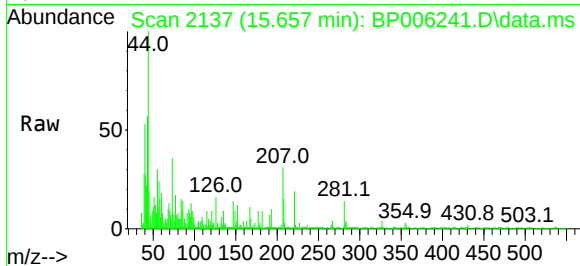




#65
4,6-Dinitro-2-methylphenol
Concen: 4.420 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.012 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

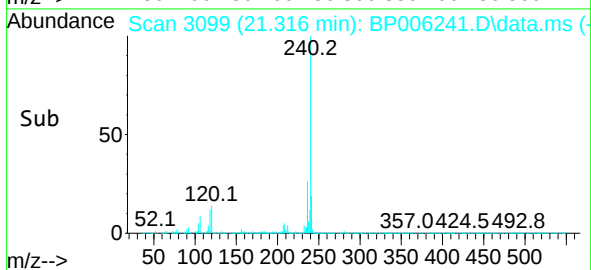
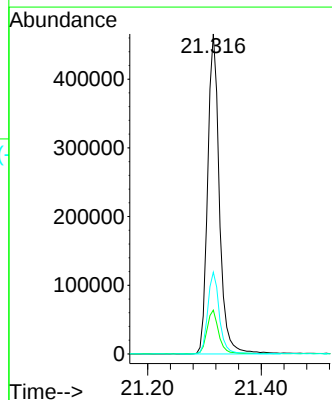
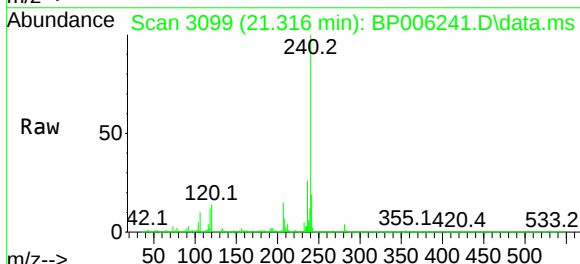
Instrument :
BNA_P
ClientSampleId :
SB-06-COMP

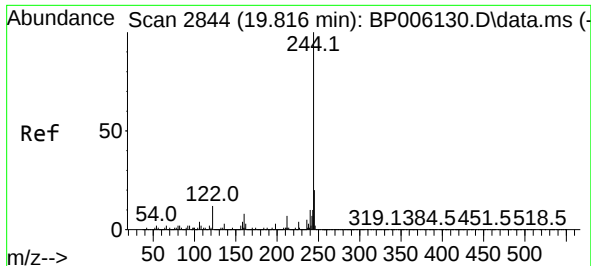
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 1338.1 14.0 54.0#
105 338.1 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3099
Delta R.T. 0.006 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

Tgt Ion:240 Resp: 662192
Ion Ratio Lower Upper
240 100
120 13.7 6.5 9.7#
236 25.6 20.6 31.0

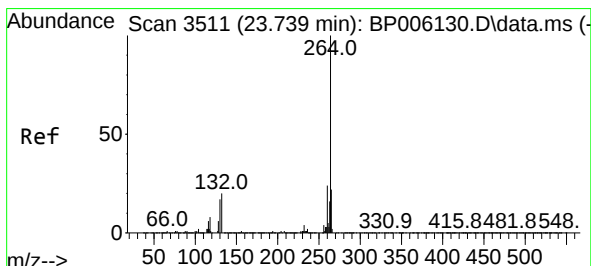
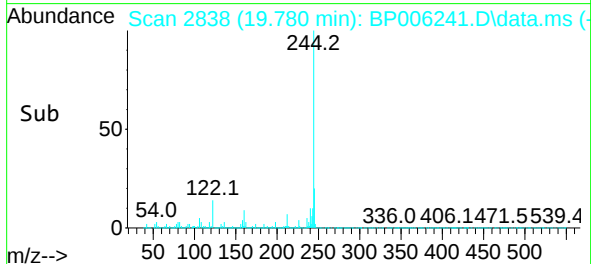
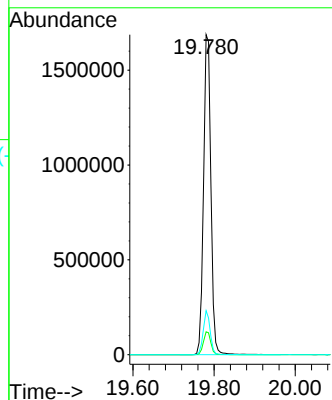
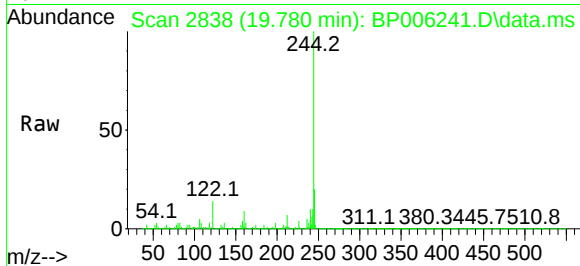




#79
Terphenyl-d14
Concen: 63.158 ng
RT: 19.780 min Scan# 2838
Delta R.T. 0.000 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

Instrument :
BNA_P
ClientSampleId :
SB-06-COMP

Tgt Ion:244 Resp: 2121243
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.8 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 3503
Delta R.T. 0.000 min
Lab File: BP006241.D
Acq: 15 Jul 2021 16:37

Tgt Ion:264 Resp: 769086
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.6 17.6 26.4

