

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071521\
 Data File : BP006243.D
 Acq On : 15 Jul 2021 17:46
 Operator : CG/JU
 Sample : M3038-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-10-COMP

Quant Time: Jul 16 03:20:19 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)

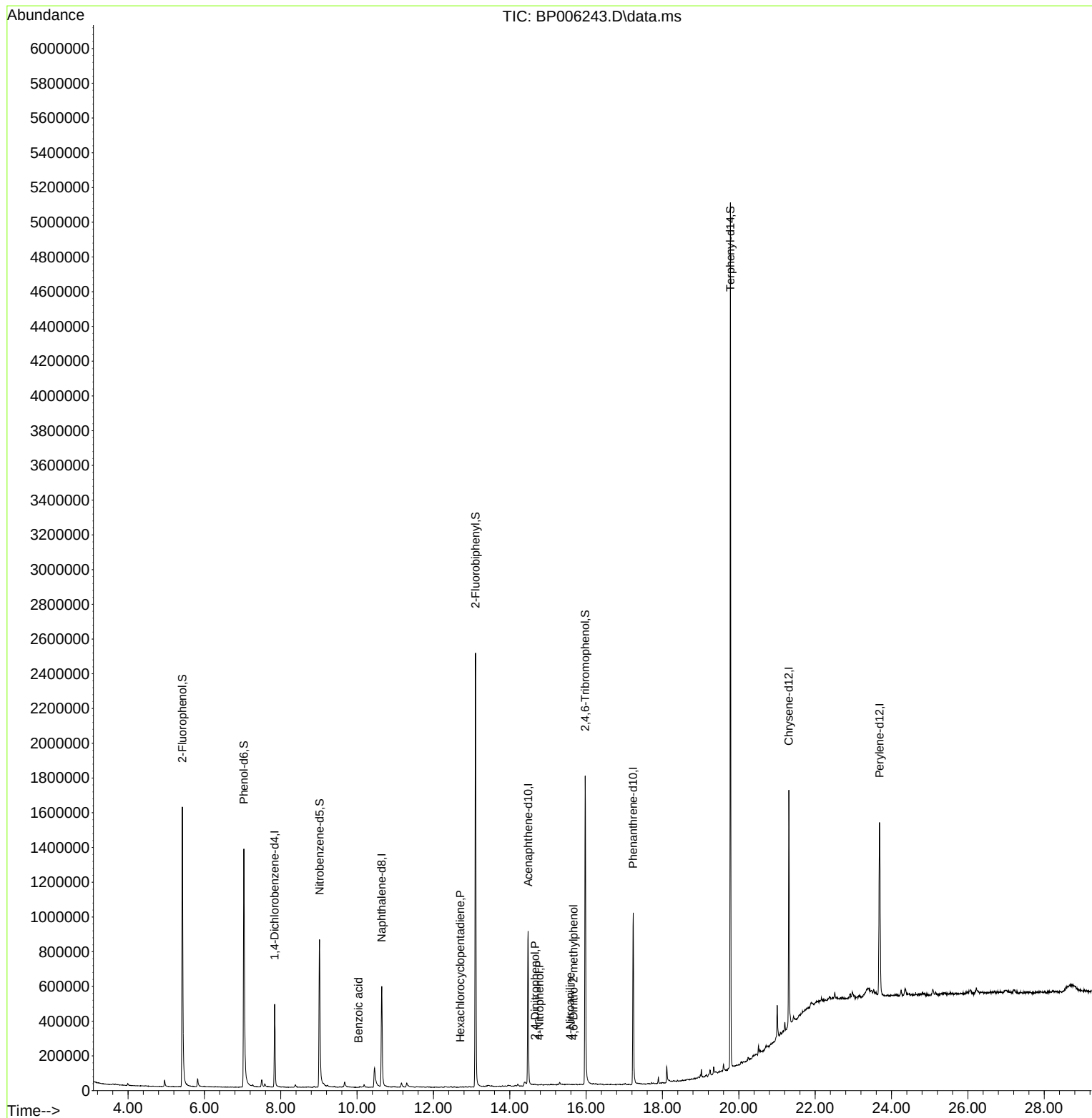
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	147001	20.00	ng	0.00
21) Naphthalene-d8	10.646	136	593285	20.00	ng	0.00
39) Acenaphthene-d10	14.481	164	319740	20.00	ng	0.00
64) Phenanthrene-d10	17.234	188	627631	20.00	ng	# 0.00
76) Chrysene-d12	21.310	240	628461	20.00	ng	# 0.00
86) Perylene-d12	23.686	264	734834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.423	112	883867	103.46	ng	0.00
7) Phenol-d6	7.034	99	1075123	95.14	ng	0.00
23) Nitrobenzene-d5	9.016	82	606779	64.60	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	369433	97.05	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1354845	62.64	ng	0.00
79) Terphenyl-d14	19.781	244	2007394	62.98	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.040	122	28	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.704	237	3	8.70	ng	76
54) 2,4-Dinitrophenol	14.663	184	49	8.90	ng	# 1
56) 4-Nitrophenol	14.775	139	19	7.13	ng	# 1
62) 4-Nitroaniline	15.581	138	75	2.97	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.669	198	61	4.43	ng	# 1

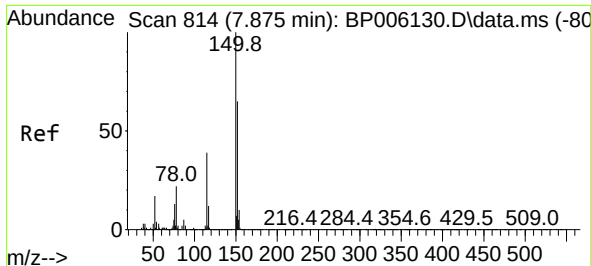
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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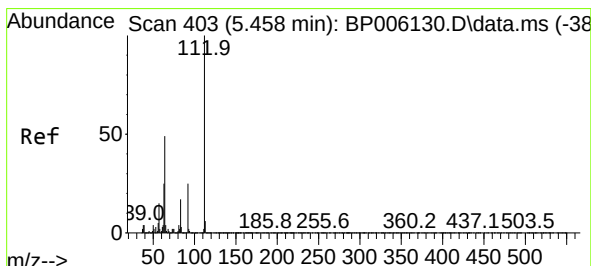
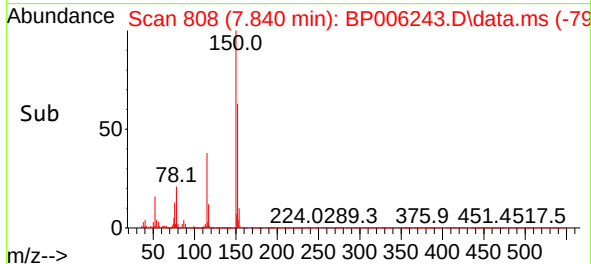
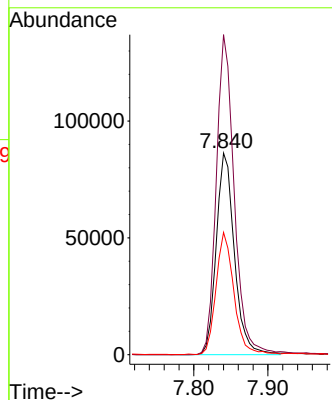
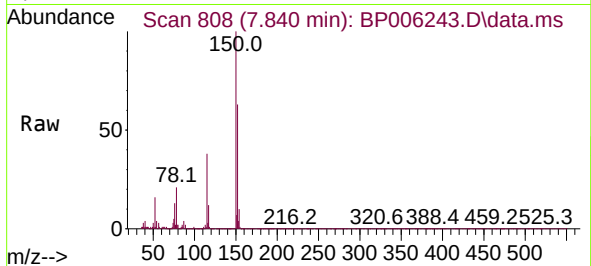




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.840 min Scan# 808
Delta R.T. 0.000 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

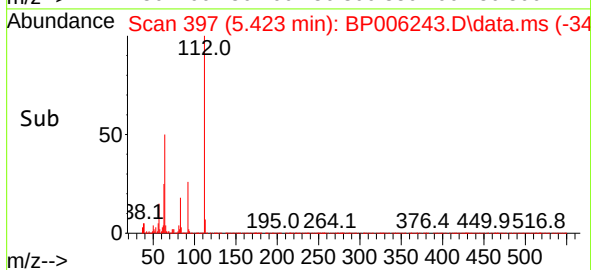
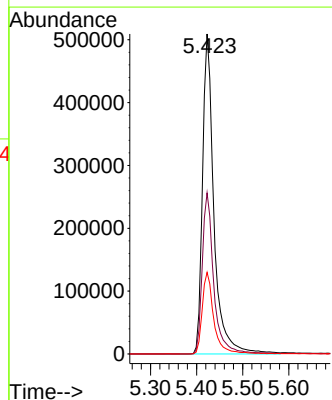
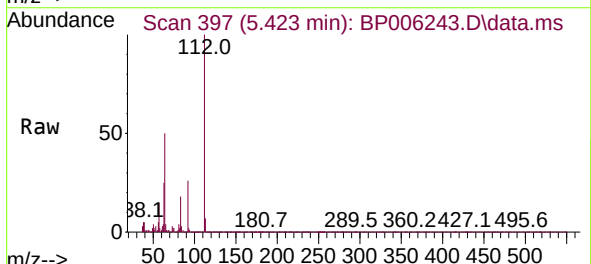
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SB-10-COMP

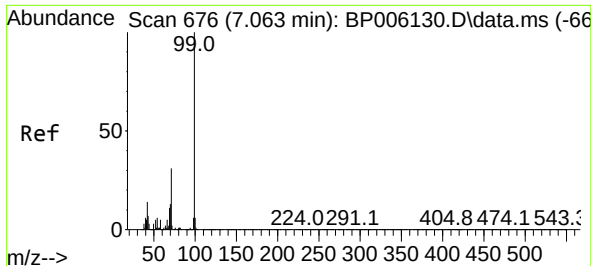
Tgt Ion:152 Resp: 147001
Ion Ratio Lower Upper
152 100
150 158.8 125.6 188.4
115 60.6 48.5 72.7



#5
2-Fluorophenol
Concen: 103.46 ng
RT: 5.423 min Scan# 397
Delta R.T. 0.000 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

Tgt Ion:112 Resp: 883867
Ion Ratio Lower Upper
112 100
64 50.3 41.4 62.2
63 25.5 23.8 35.8

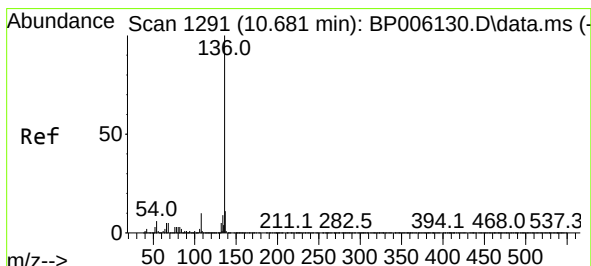
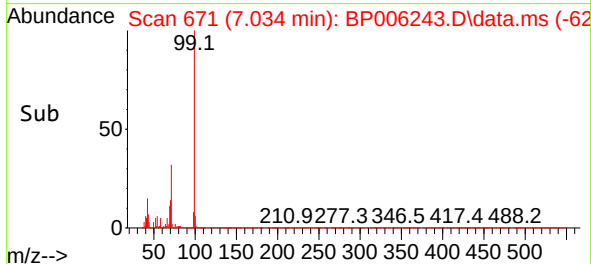
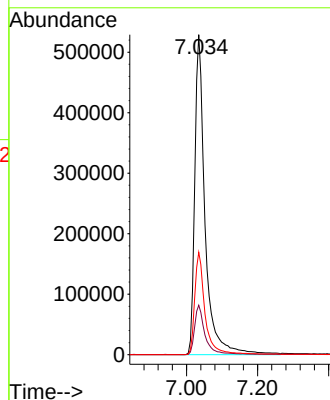
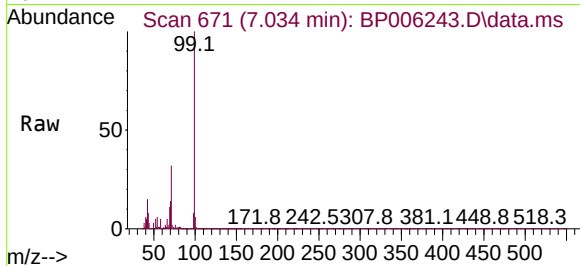




#7
Phenol-d6
Concen: 95.14 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

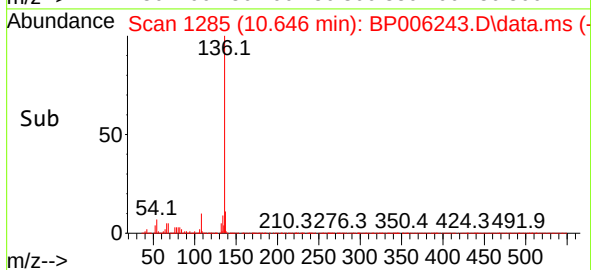
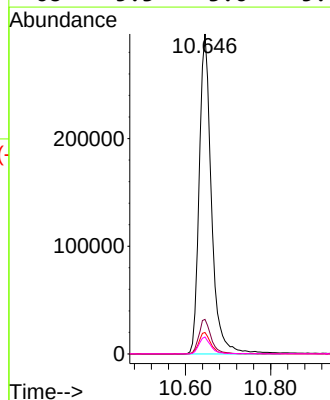
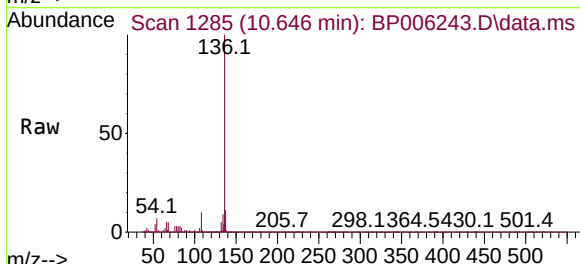
Instrument :
BNA_P
ClientSampleId :
SB-10-COMP

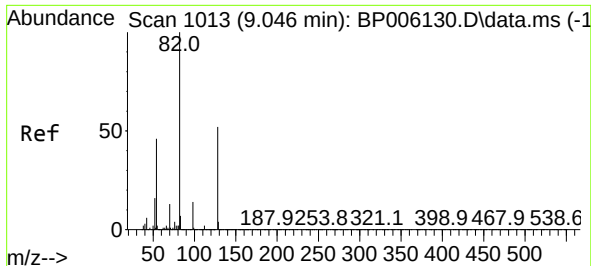
Tgt Ion: 99 Resp: 1075123
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.0
71 32.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.646 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

Tgt Ion: 136 Resp: 593285
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.7 4.6 6.8
68 5.3 3.6 5.4

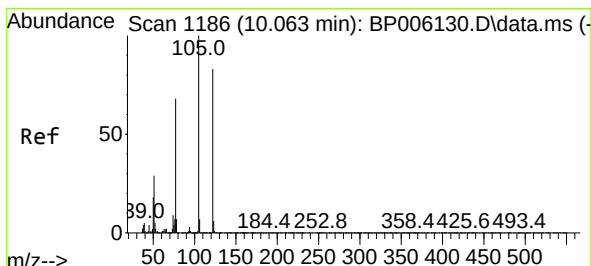
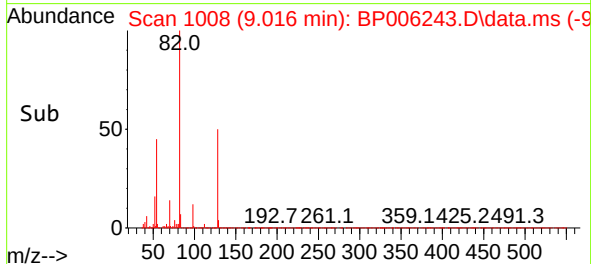
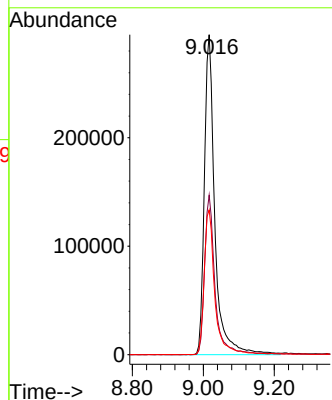
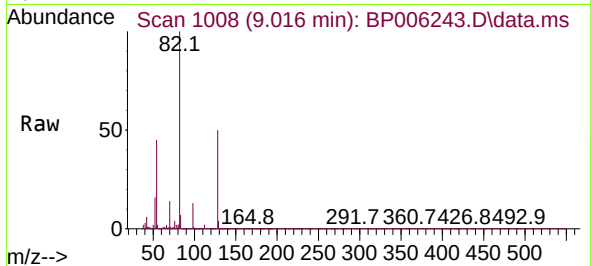




#23
Nitrobenzene-d5
Concen: 64.60 ng
RT: 9.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

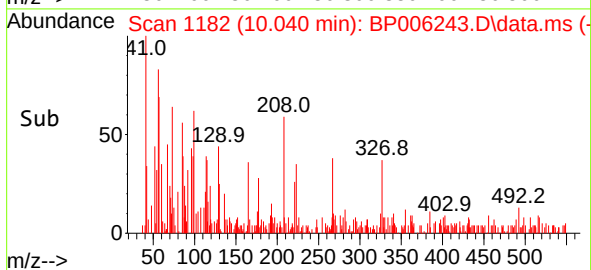
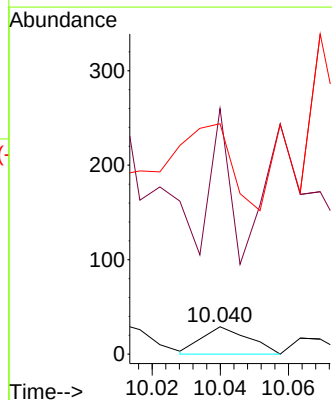
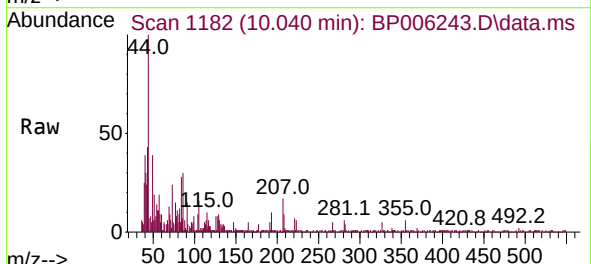
Instrument :
BNA_P
ClientSampleId :
SB-10-COMP

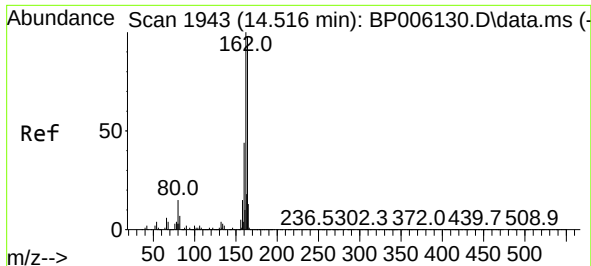
Tgt Ion: 82 Resp: 606779
Ion Ratio Lower Upper
82 100
128 49.9 35.7 53.5
54 45.2 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.040 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

Tgt Ion: 122 Resp: 28
Ion Ratio Lower Upper
122 100
105 896.6 103.2 143.2#
77 841.4 76.2 116.2#

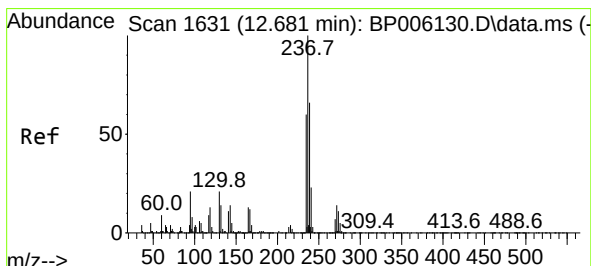
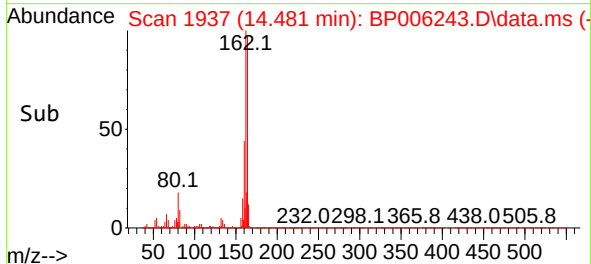
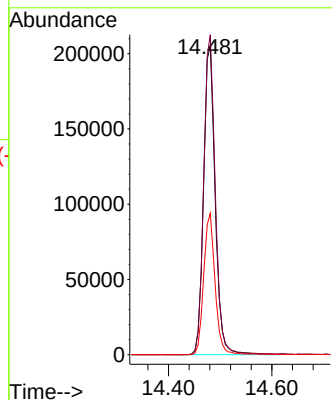
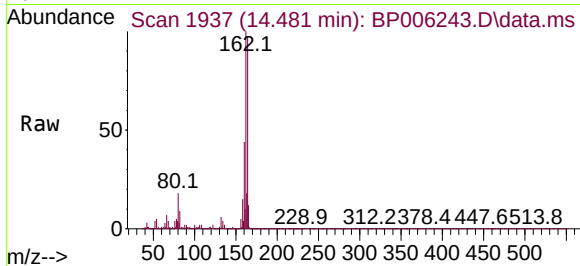




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.481 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

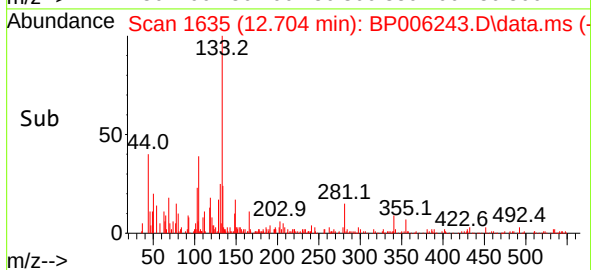
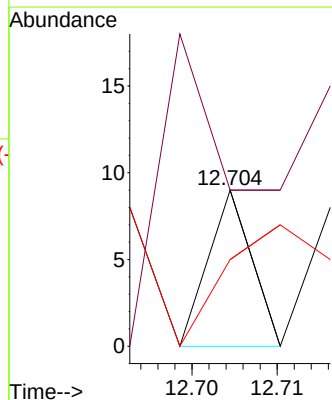
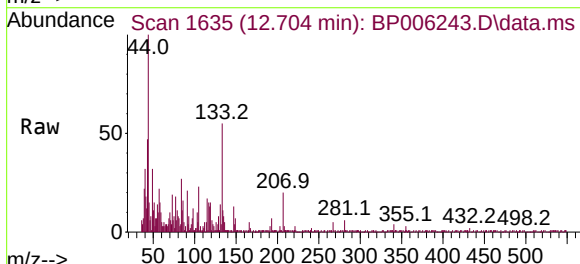
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SB-10-COMP

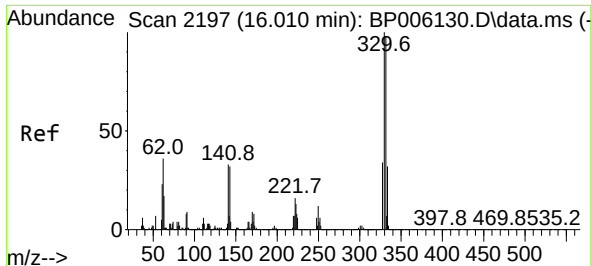
Tgt Ion:164 Resp: 319740
Ion Ratio Lower Upper
164 100
162 103.6 80.2 120.2
160 45.8 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.70 ng
RT: 12.704 min Scan# 1635
Delta R.T. 0.059 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

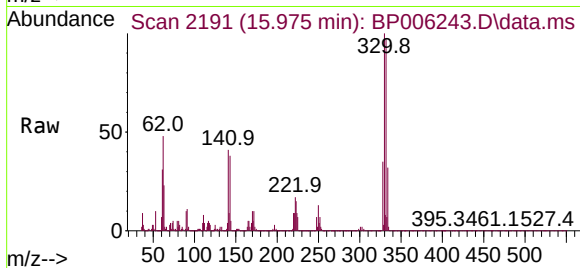
Tgt Ion:237 Resp: 3
Ion Ratio Lower Upper
237 100
235 47.4 44.5 84.5
272 26.3 0.0 32.5



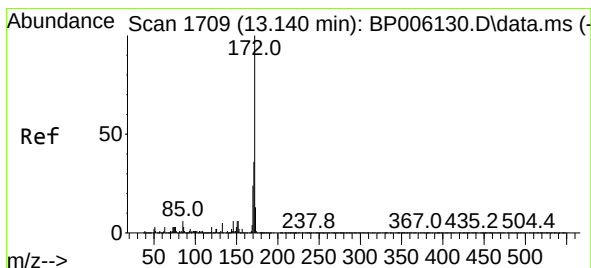
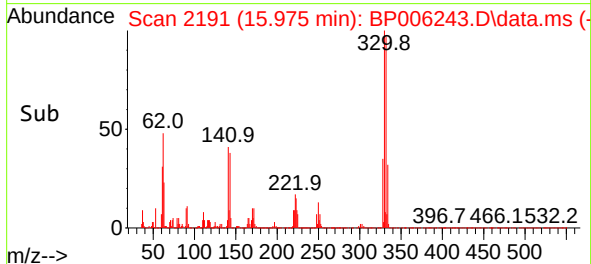
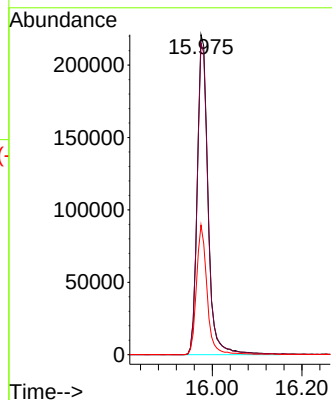


#42
2,4,6-Tribromophenol
Concen: 97.05 ng
RT: 15.975 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

Instrument :
BNA_P
ClientSampleId :
SB-10-COMP

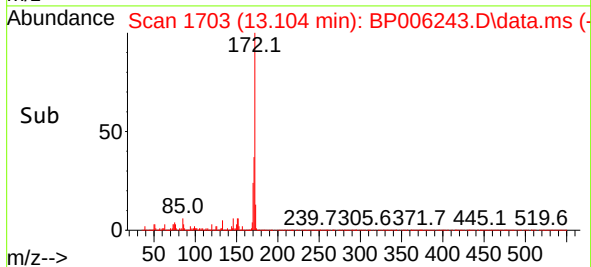
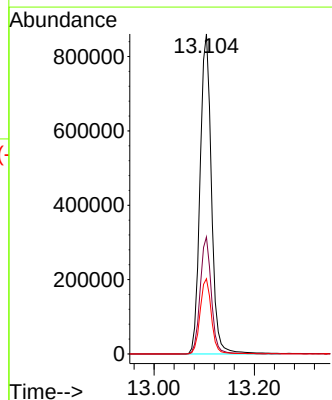
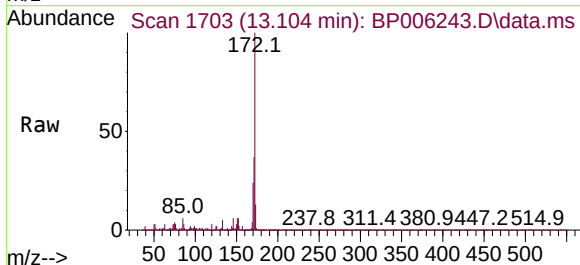


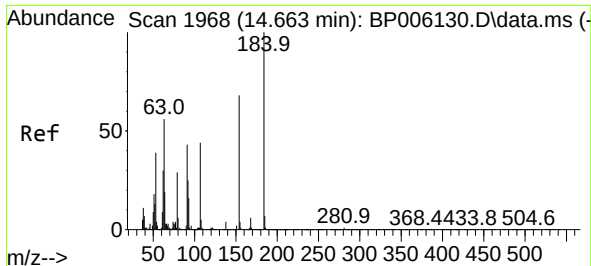
Tgt Ion:330 Resp: 369433
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 39.7 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 62.64 ng
RT: 13.104 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

Tgt Ion:172 Resp: 1354845
Ion Ratio Lower Upper
172 100
171 36.6 27.9 41.9
170 23.5 18.6 27.8

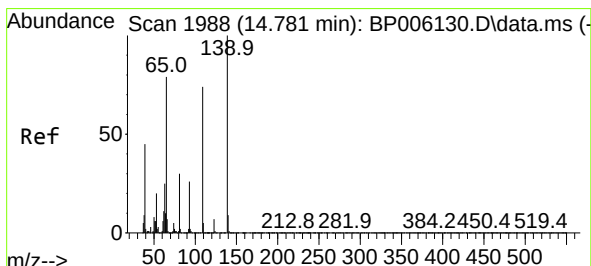
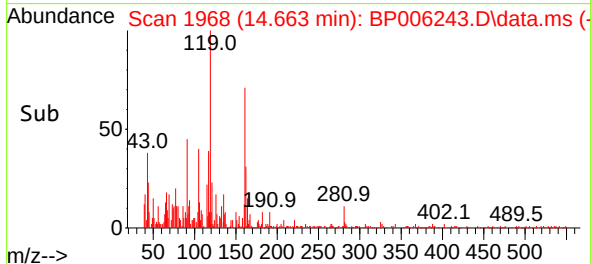
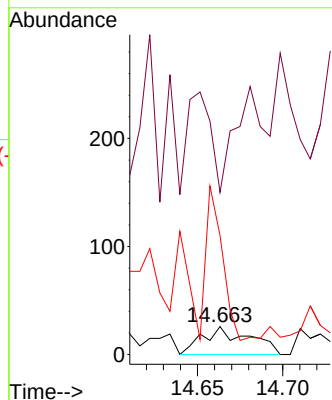
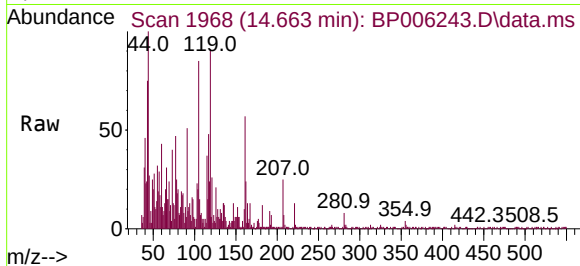




#54
2,4-Dinitrophenol
Concen: 8.90 ng
RT: 14.663 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

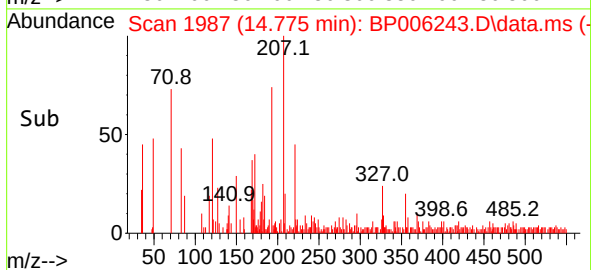
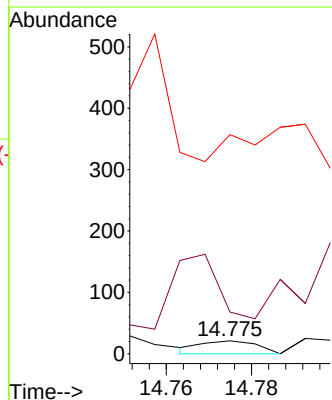
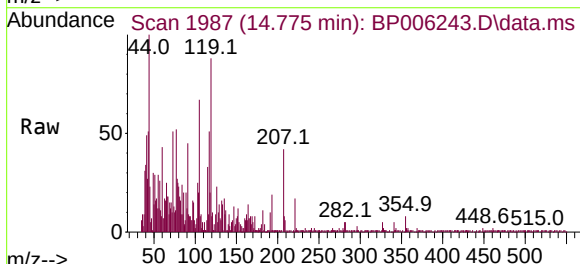
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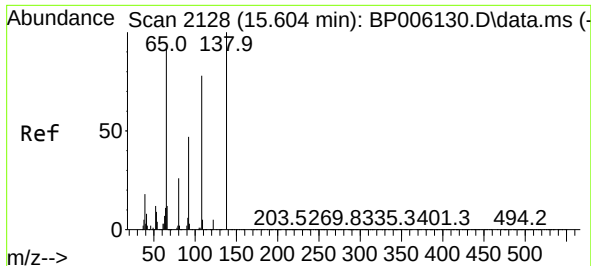
Tgt Ion:184 Resp: 49
Ion Ratio Lower Upper
184 100
63 576.9 47.0 70.6#
154 423.1 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.13 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

Tgt Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 323.8 72.3 112.3#
65 1700.0 72.5 112.5#

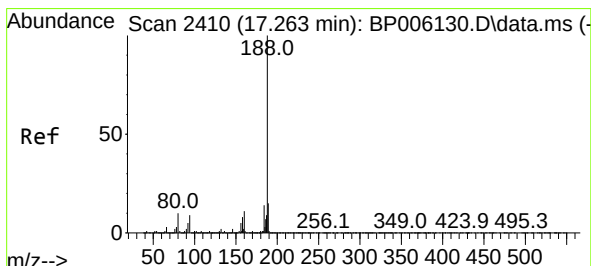
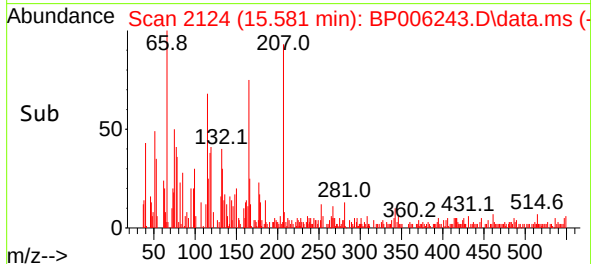
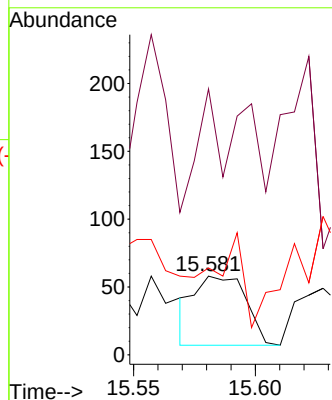
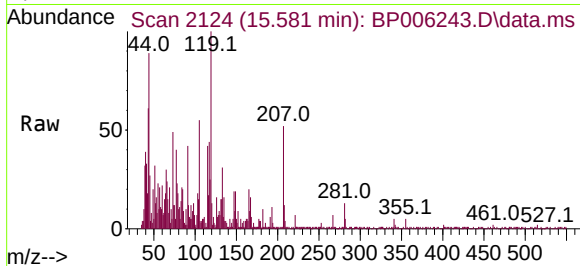




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

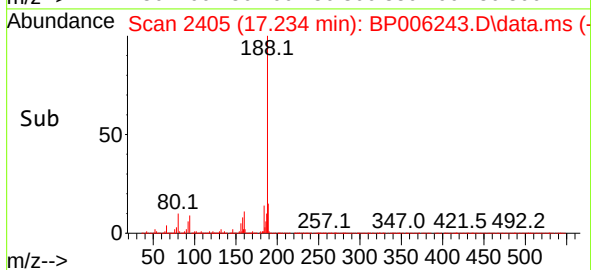
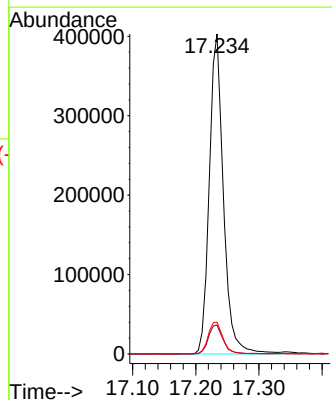
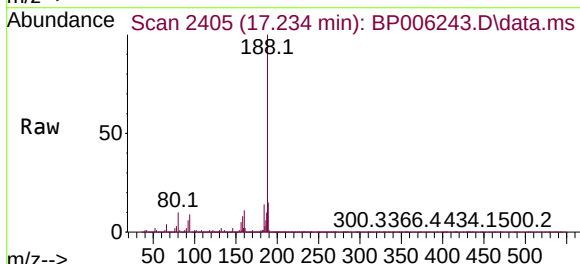
Instrument :
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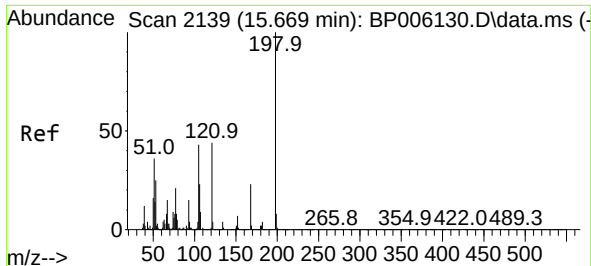
Tgt Ion:138 Resp: 75
Ion Ratio Lower Upper
138 100
92 337.9 31.2 71.2#
108 110.3 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.234 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

Tgt Ion:188 Resp: 627631
Ion Ratio Lower Upper
188 100
94 9.1 5.6 8.4#
80 10.0 6.3 9.5#

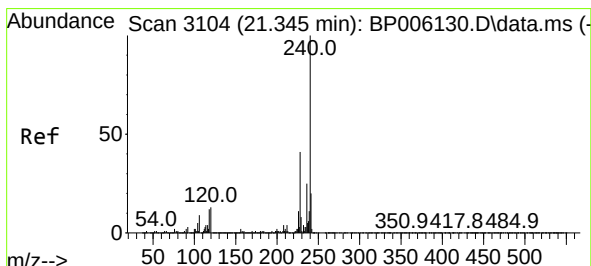
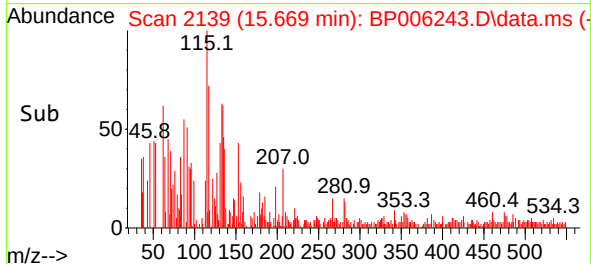
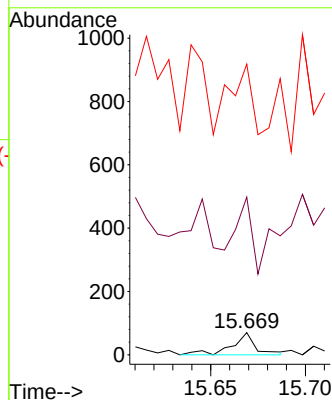
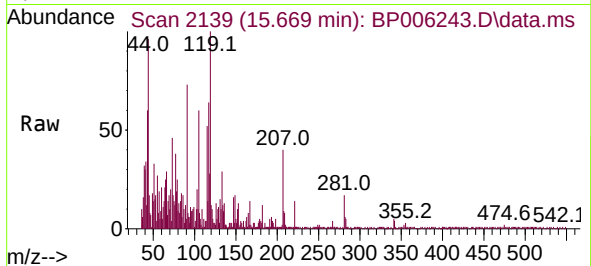




#65
4,6-Dinitro-2-methylphenol
Concen: 4.43 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.024 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

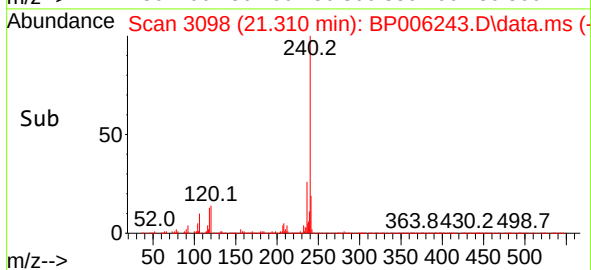
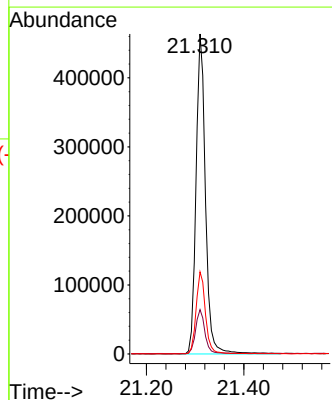
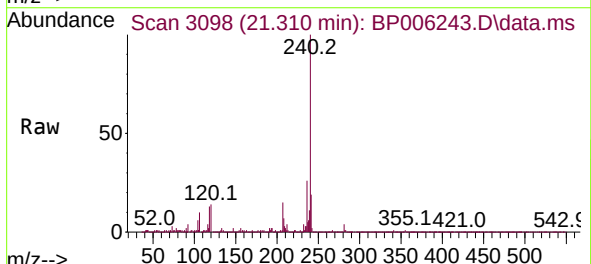
Instrument :
BNA_P
ClientSampleId :
SB-10-COMP

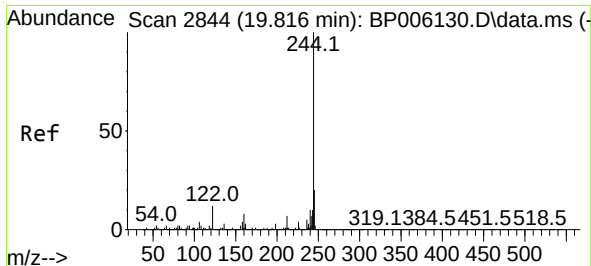
Tgt Ion:198 Resp: 61
Ion Ratio Lower Upper
198 100
51 711.4 14.0 54.0#
105 1311.4 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.310 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

Tgt Ion:240 Resp: 628461
Ion Ratio Lower Upper
240 100
120 13.8 6.5 9.7#
236 25.6 20.6 31.0

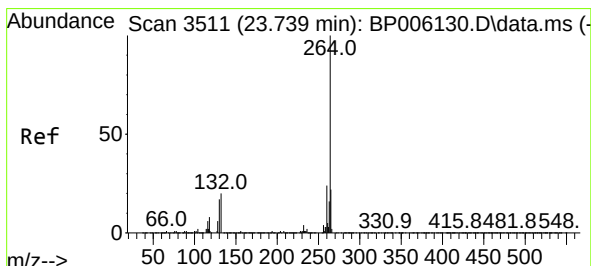
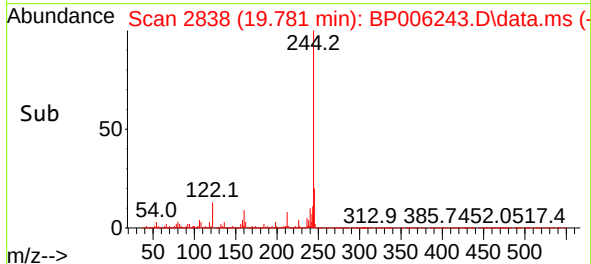
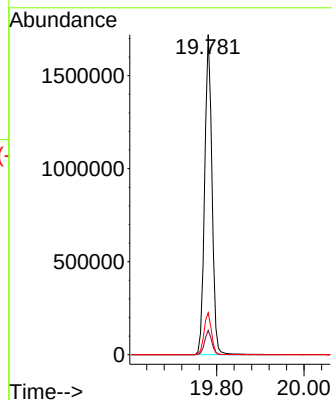
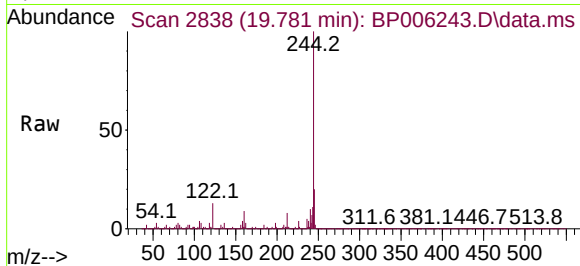




#79
Terphenyl-d14
Concen: 62.98 ng
RT: 19.781 min Scan# 2838
Delta R.T. 0.000 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

Instrument :
BNA_P
ClientSampleId :
SB-10-COMP

Tgt Ion:244 Resp: 2007394
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 13.1 7.1 10.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.686 min Scan# 3502
Delta R.T. -0.006 min
Lab File: BP006243.D
Acq: 15 Jul 2021 17:46

Tgt Ion:264 Resp: 734834
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.2 17.6 26.4

