

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071521\
 Data File : BP006244.D
 Acq On : 15 Jul 2021 18:21
 Operator : CG/JU
 Sample : M3039-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-02-COMP

Quant Time: Jul 16 03:20:36 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)

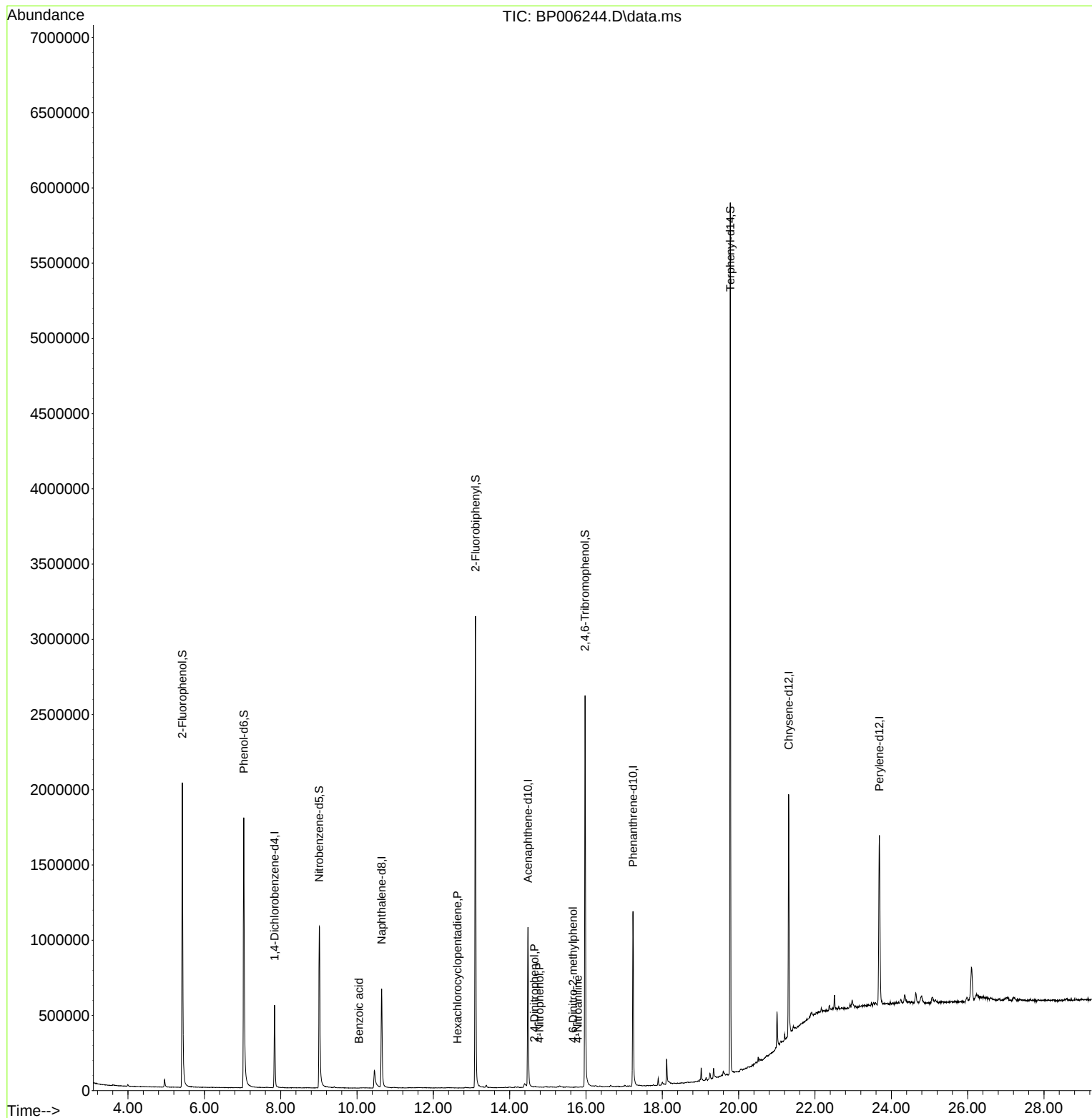
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	163265	20.00	ng	0.00
21) Naphthalene-d8	10.646	136	664505	20.00	ng	0.00
39) Acenaphthene-d10	14.481	164	399012	20.00	ng	0.00
64) Phenanthrene-d10	17.233	188	782075	20.00	ng	# 0.00
76) Chrysene-d12	21.310	240	772647	20.00	ng	# 0.00
86) Perylene-d12	23.686	264	842996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1090422	114.92	ng	0.00
7) Phenol-d6	7.034	99	1366219	108.85	ng	0.00
23) Nitrobenzene-d5	9.010	82	770856	73.27	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	529062	111.37	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1727096	63.99	ng	0.00
79) Terphenyl-d14	19.780	244	2444769	62.39	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.052	122	32	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.628	237	39	8.73	ng	# 75
54) 2,4-Dinitrophenol	14.645	184	15	8.88	ng	# 1
56) 4-Nitrophenol	14.781	139	66	7.14	ng	# 62
62) 4-Nitroaniline	15.787	138	57	2.97	ng	97
65) 4,6-Dinitro-2-methylph...	15.663	198	14	4.42	ng	# 1

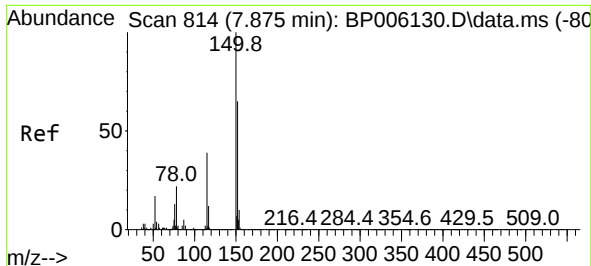
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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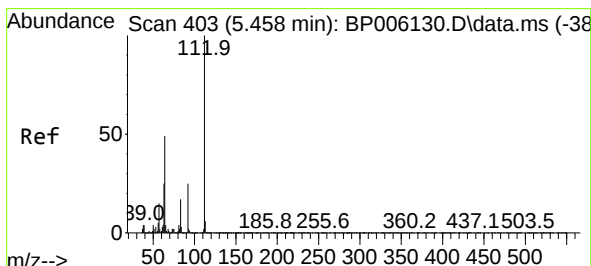
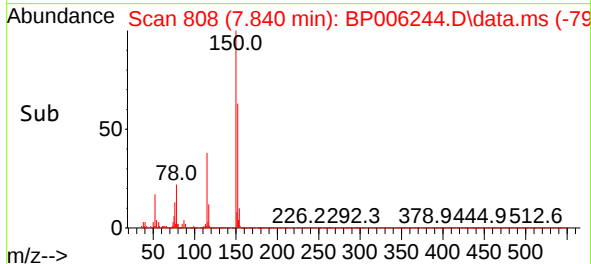
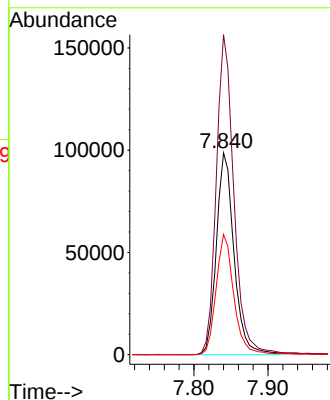
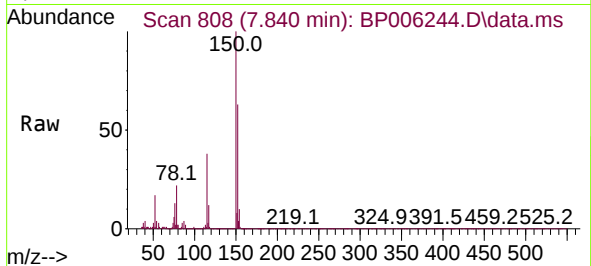




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

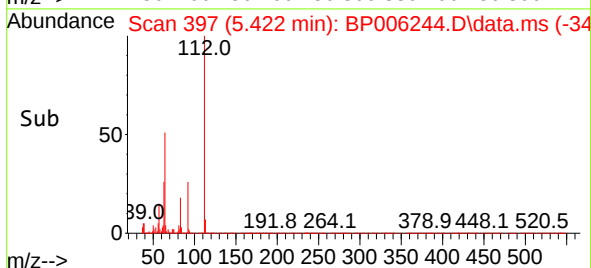
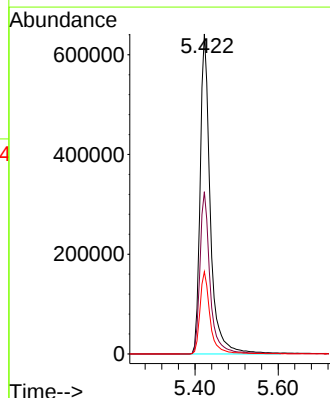
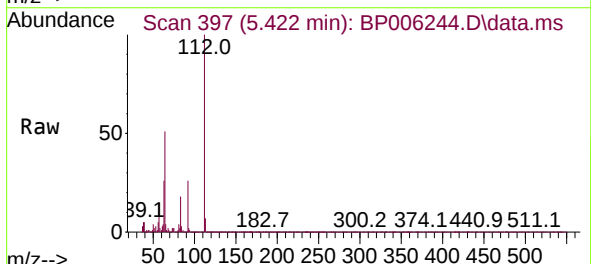
Instrument :
BNA_P
ClientSampleId :
SB-02-COMP

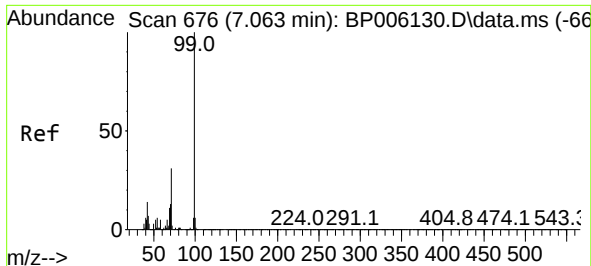
Tgt Ion:152 Resp: 163265
Ion Ratio Lower Upper
152 100
150 158.6 125.6 188.4
115 59.6 48.5 72.7



#5
2-Fluorophenol
Concen: 114.92 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

Tgt Ion:112 Resp: 1090422
Ion Ratio Lower Upper
112 100
64 50.7 41.4 62.2
63 25.7 23.8 35.8

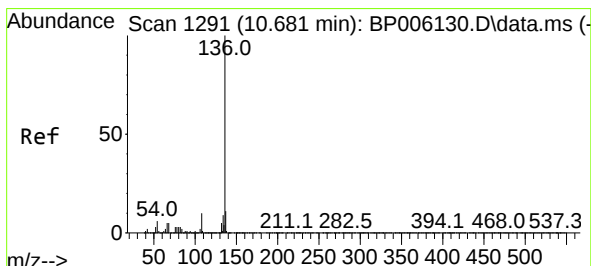
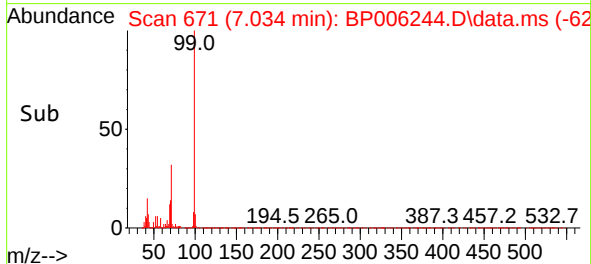
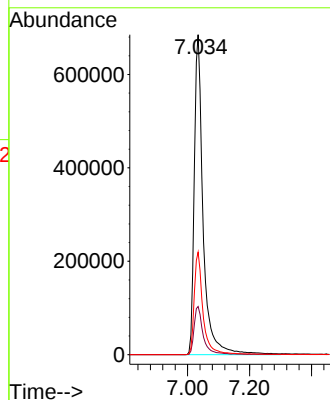
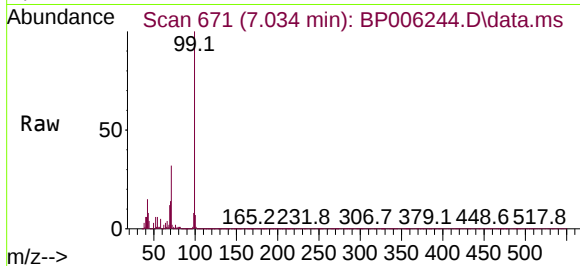




#7
Phenol-d6
Concen: 108.85 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

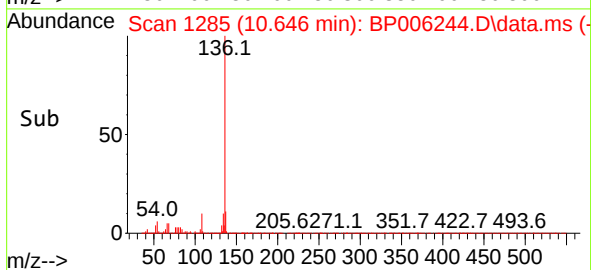
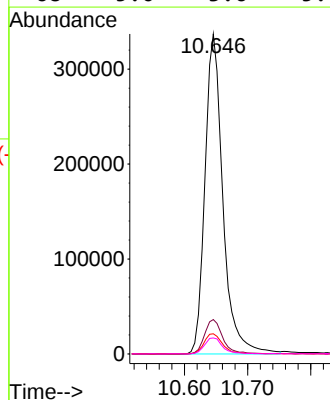
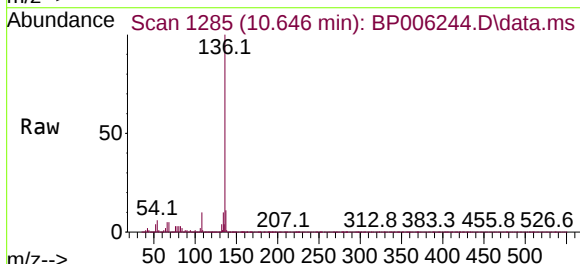
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ClientSampleId :
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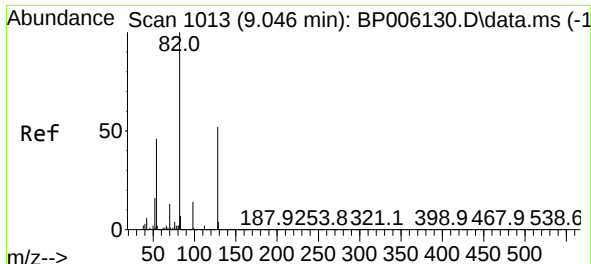
Tgt Ion: 99 Resp: 1366219
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 32.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.646 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

Tgt Ion: 136 Resp: 664505
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.3 4.6 6.8
68 5.0 3.6 5.4

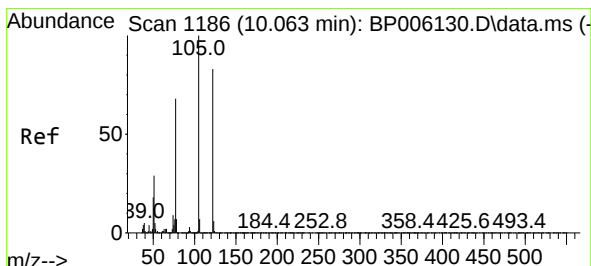
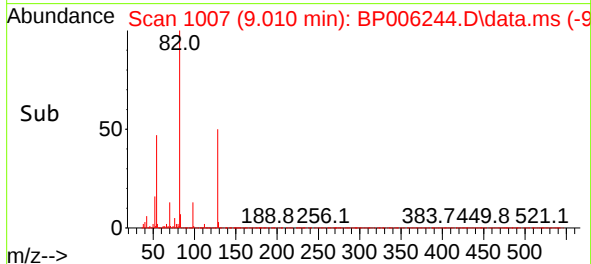
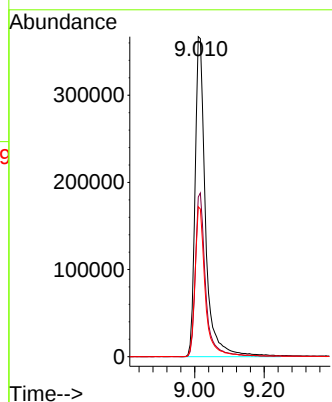
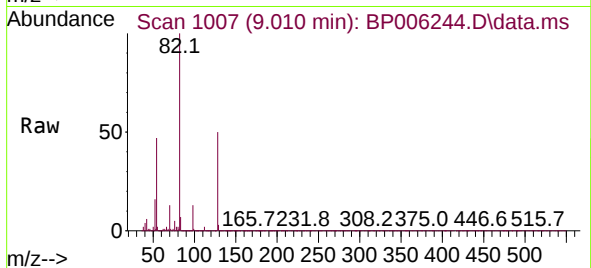




#23
Nitrobenzene-d5
Concen: 73.27 ng
RT: 9.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

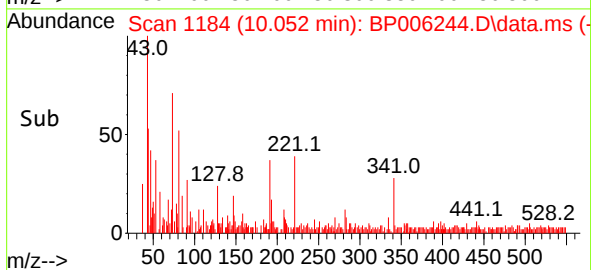
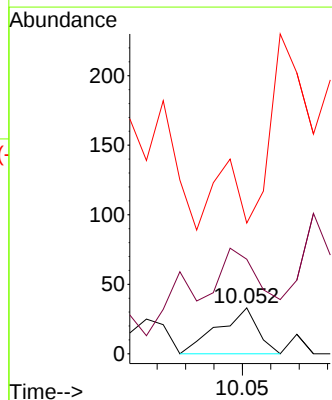
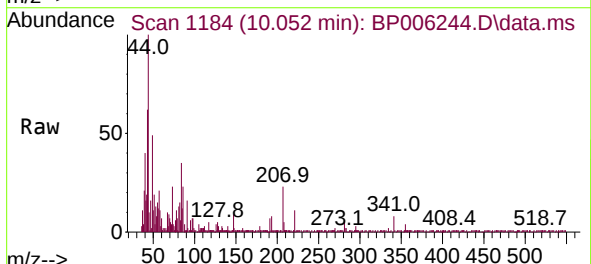
Instrument :
BNA_P
ClientSampleId :
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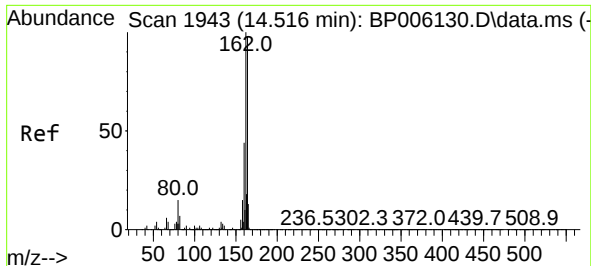
Tgt Ion: 82 Resp: 770856
Ion Ratio Lower Upper
82 100
128 49.9 35.7 53.5
54 46.8 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.052 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

Tgt Ion: 122 Resp: 32
Ion Ratio Lower Upper
122 100
105 221.2 103.2 143.2#
77 284.8 76.2 116.2#

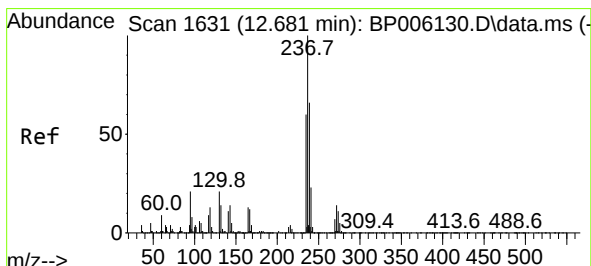
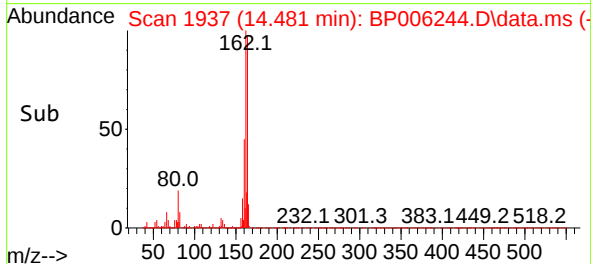
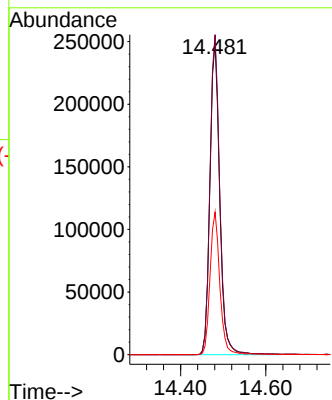
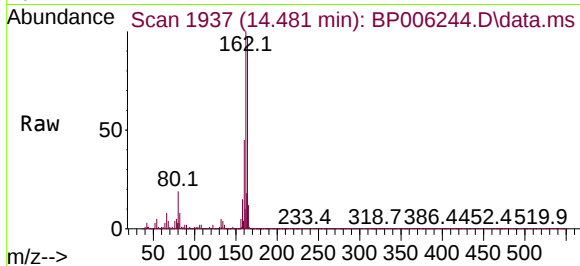




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.481 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

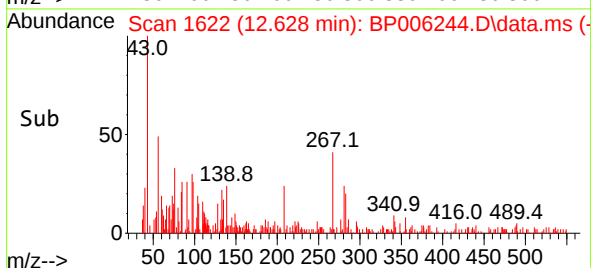
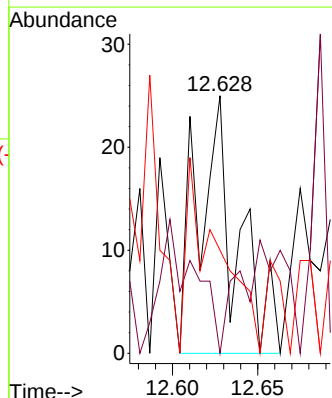
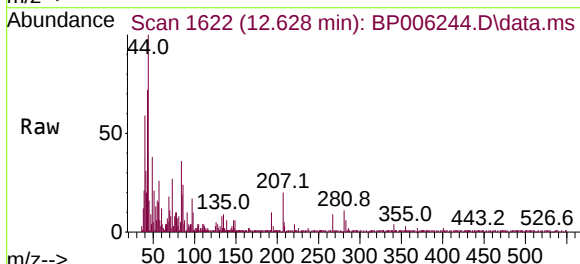
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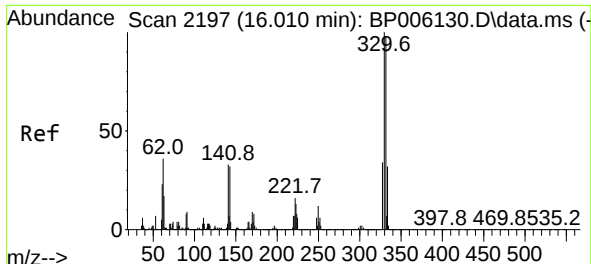
Tgt Ion:164 Resp: 399012
Ion Ratio Lower Upper
164 100
162 102.6 80.2 120.2
160 45.7 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.73 ng
RT: 12.628 min Scan# 1622
Delta R.T. -0.018 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

Tgt Ion:237 Resp: 39
Ion Ratio Lower Upper
237 100
235 52.0 44.5 84.5
272 40.0 0.0 32.5#

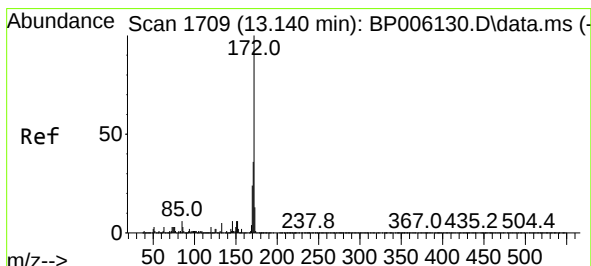
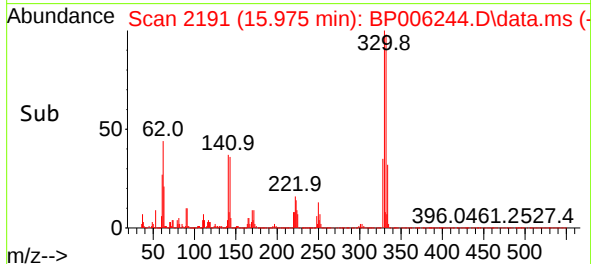
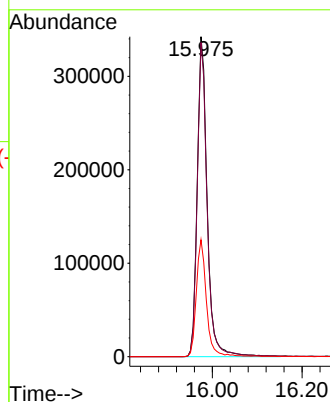
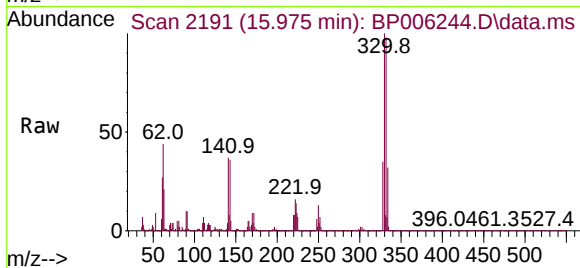




#42
2,4,6-Tribromophenol
Concen: 111.37 ng
RT: 15.975 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

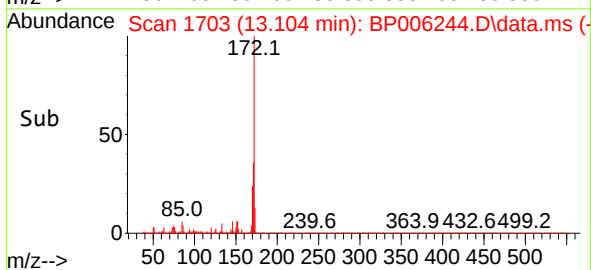
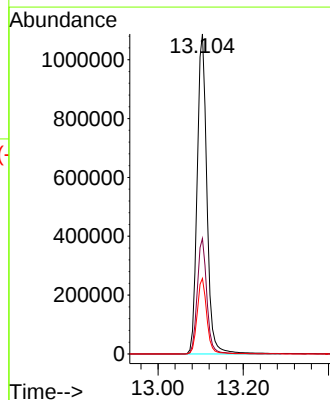
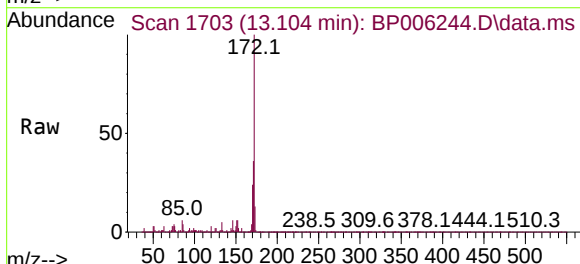
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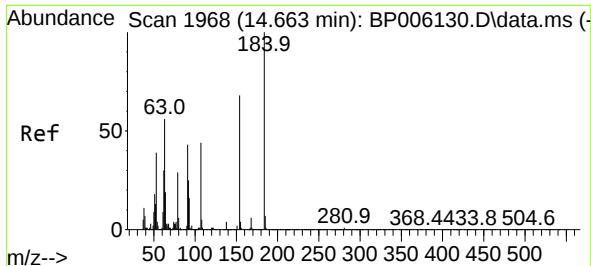
Tgt Ion:330 Resp: 529062
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 37.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 63.99 ng
RT: 13.104 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

Tgt Ion:172 Resp: 1727096
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.6 18.6 27.8

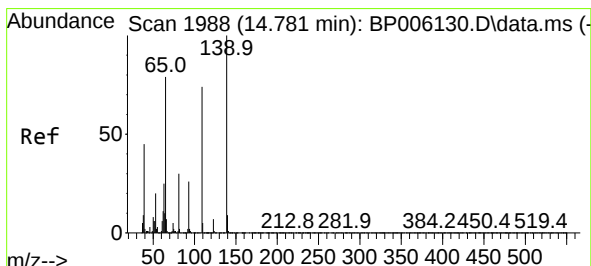
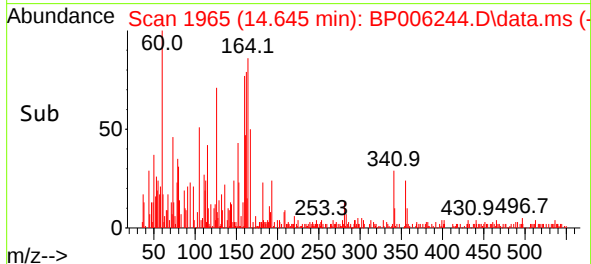
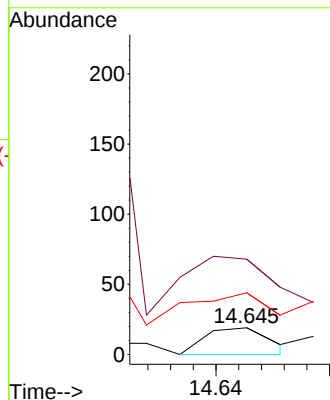
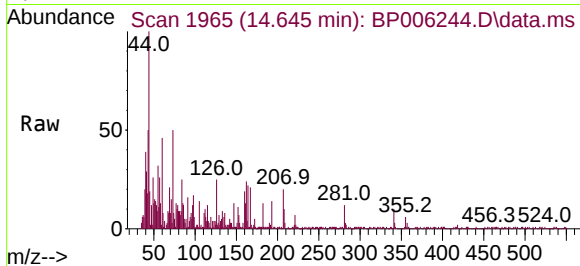




#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 14.645 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

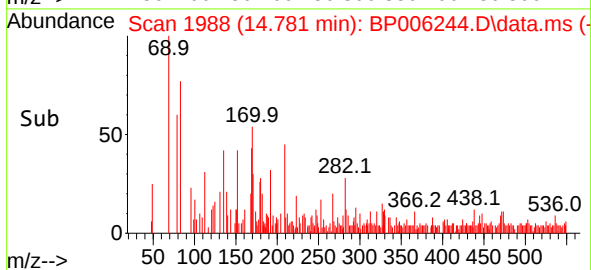
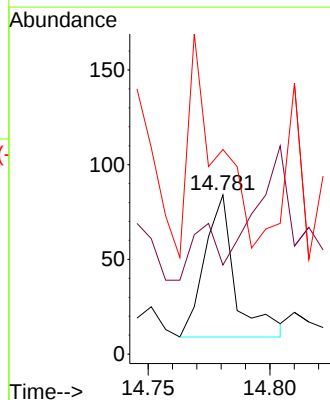
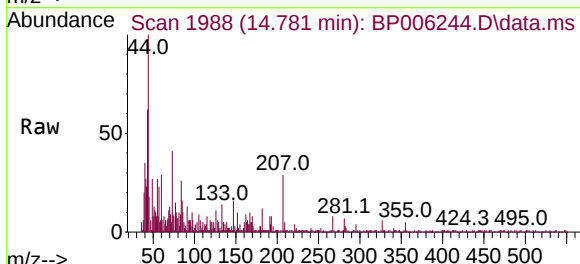
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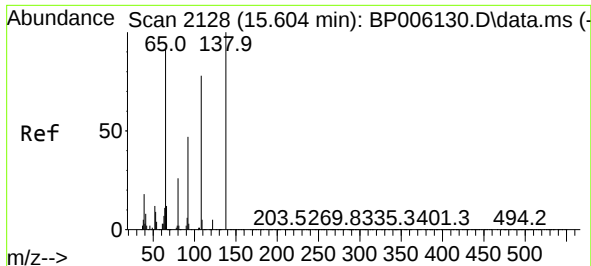
Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 357.9 47.0 70.6#
154 231.6 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.14 ng
RT: 14.781 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

Tgt Ion:139 Resp: 66
Ion Ratio Lower Upper
139 100
109 56.0 72.3 112.3#
65 128.6 72.5 112.5#

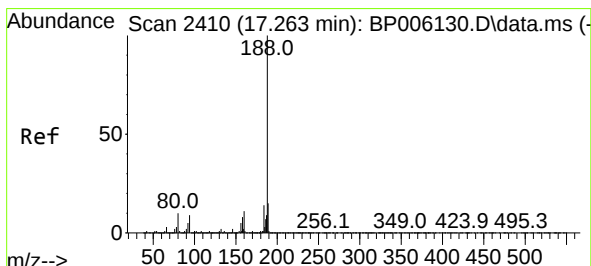
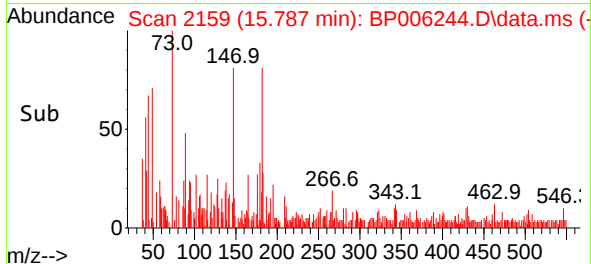
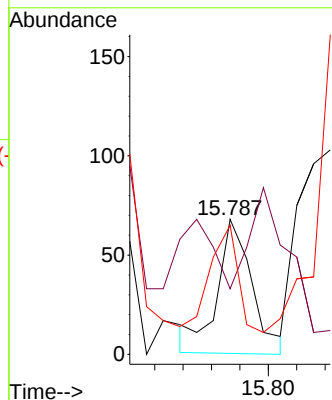
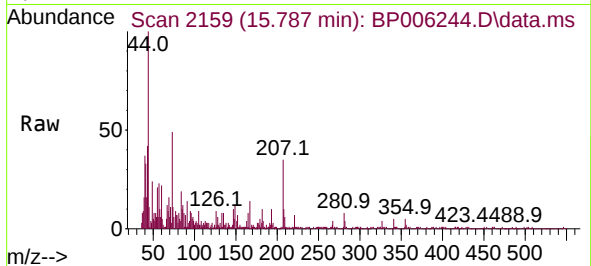




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.787 min Scan# 2159
Delta R.T. 0.206 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

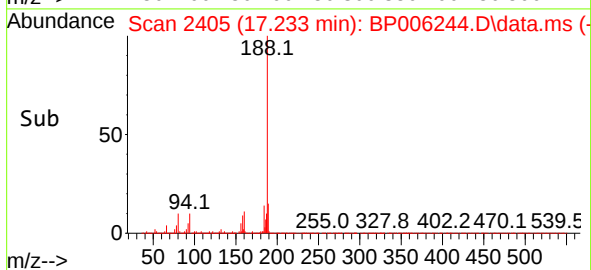
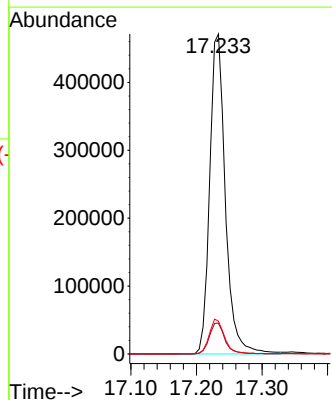
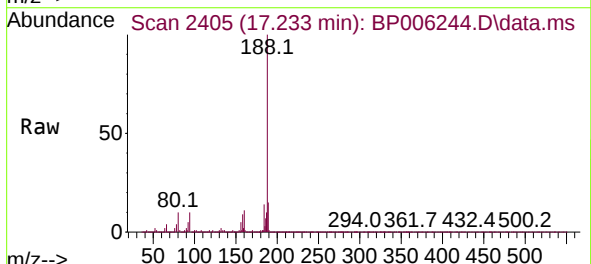
Instrument :
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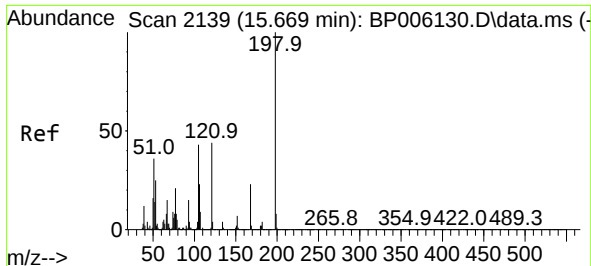
Tgt Ion:	138	Resp:	57
Ion Ratio	Lower	Upper	
138	100		
92	48.5	31.2	71.2
108	95.6	78.6	118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

Tgt Ion:	188	Resp:	782075
Ion Ratio	Lower	Upper	
188	100		
94	9.7	5.6	8.4#
80	10.3	6.3	9.5#

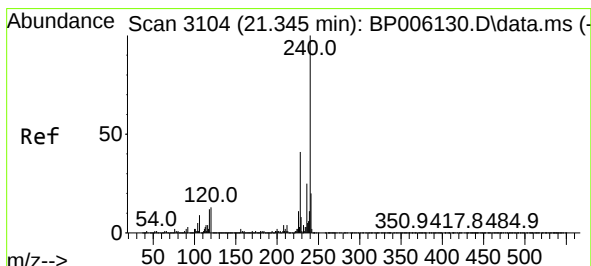
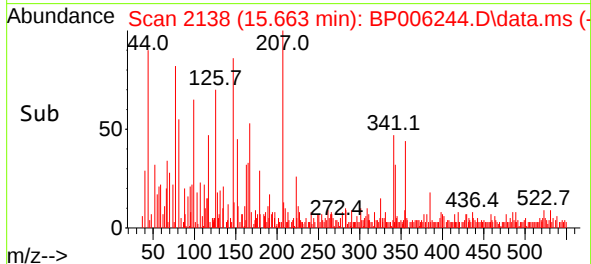
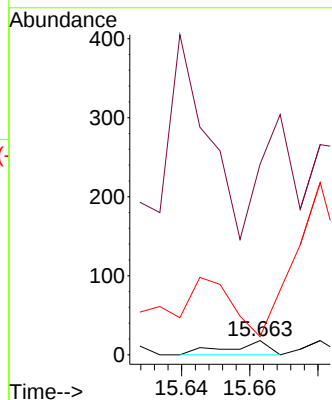
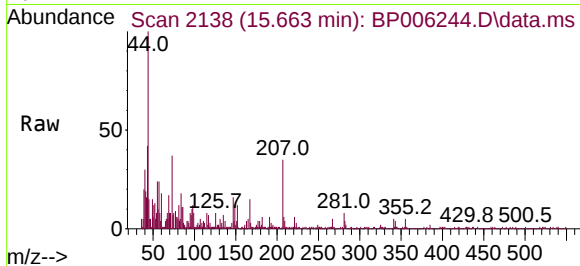




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.663 min Scan# 2138
Delta R.T. 0.018 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

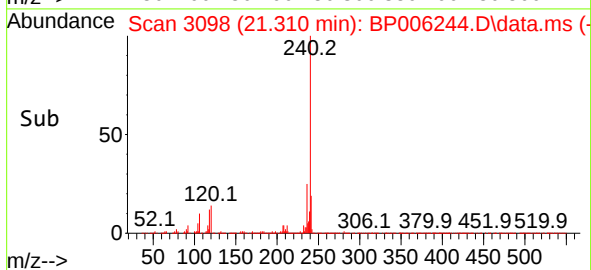
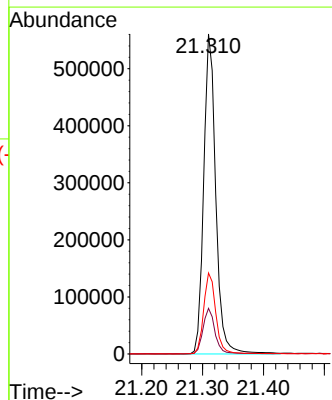
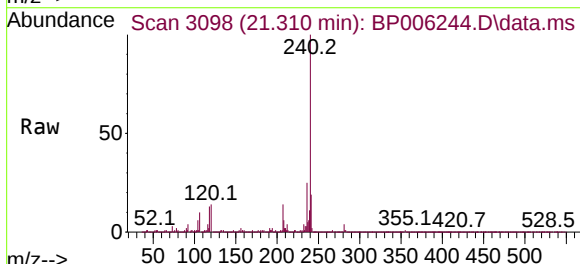
Instrument :
BNA_P
ClientSampleId :
SB-02-COMP

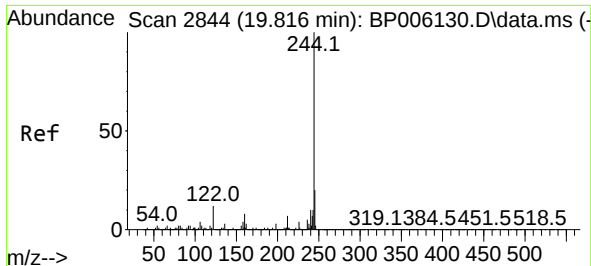
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 1338.9 14.0 54.0#
105 127.8 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.310 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP006244.D
Acq: 15 Jul 2021 18:21

Tgt Ion:240 Resp: 772647
Ion Ratio Lower Upper
240 100
120 14.2 6.5 9.7#
236 25.3 20.6 31.0

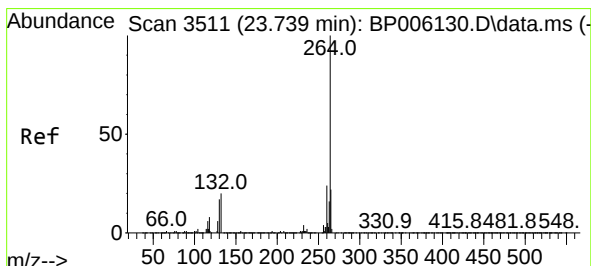
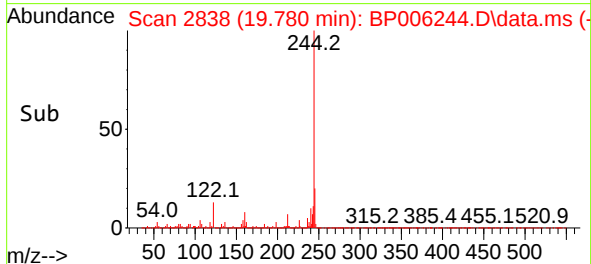
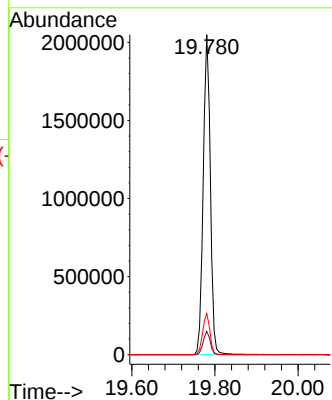
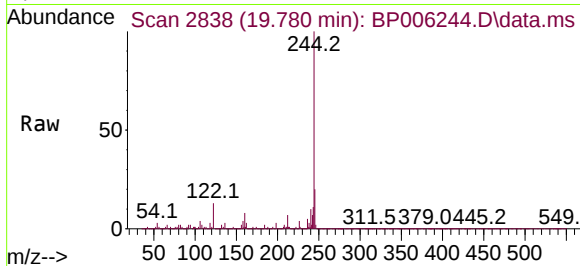




#79
 Terphenyl-d14
 Concen: 62.39 ng
 RT: 19.780 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: BP006244.D
 Acq: 15 Jul 2021 18:21

Instrument :
 BNA_P
 ClientSampleId :
 SB-02-COMP

Tgt Ion:244 Resp: 2444769
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 12.9 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: BP006244.D
 Acq: 15 Jul 2021 18:21

Tgt Ion:264 Resp: 842996
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 22.1 17.6 26.4

