

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006147.D
 Acq On : 08 Jul 2021 19:17
 Operator : CG/JU
 Sample : M2967-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1-8FT-STEFANIC-AVE-TP-2

Quant Time: Jul 09 04:29:44 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)

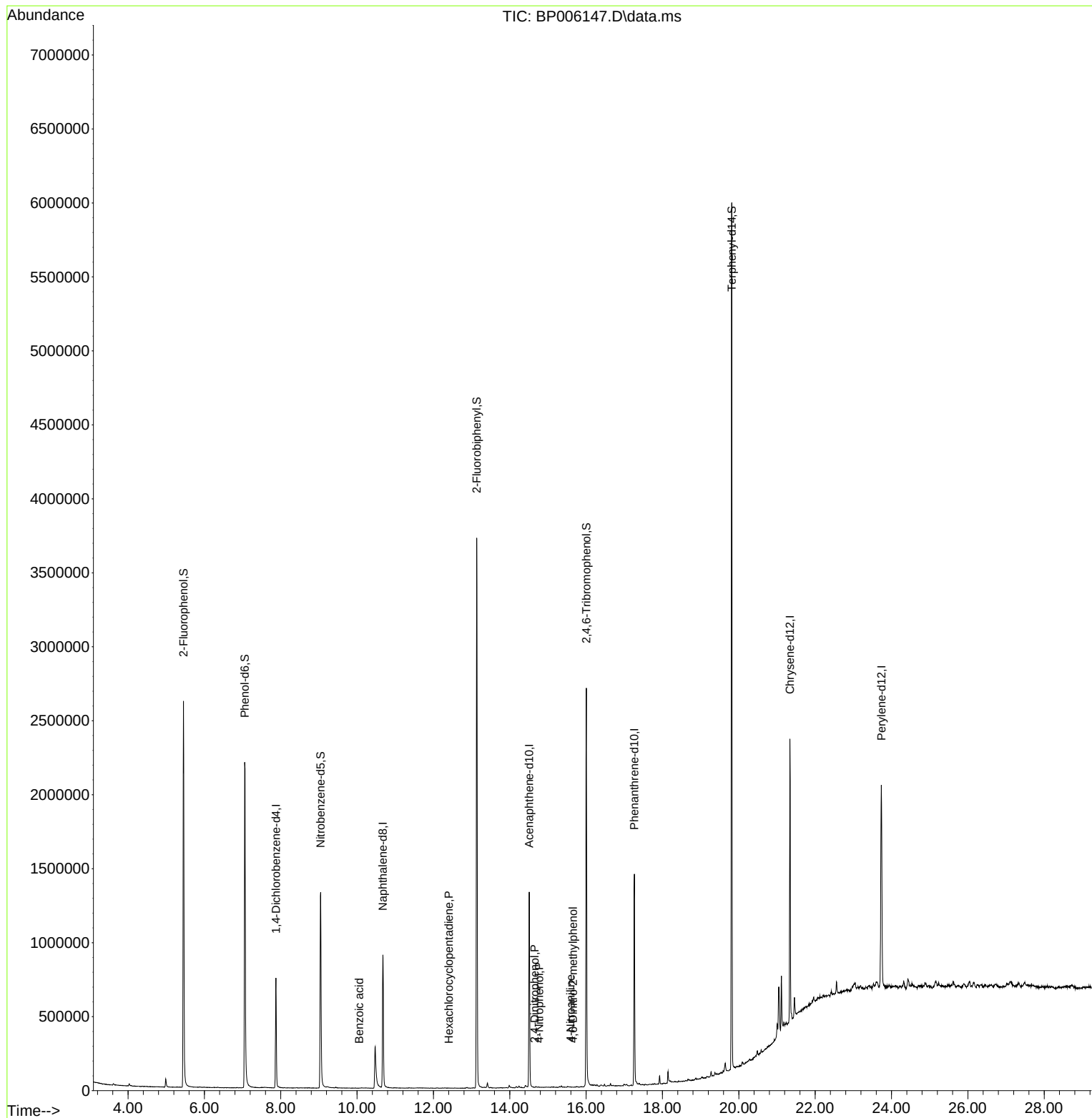
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	214572	20.00	ng	0.00
21) Naphthalene-d8	10.675	136	831650	20.00	ng	0.00
39) Acenaphthene-d10	14.510	164	467520	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	867416	20.00	ng	# 0.00
76) Chrysene-d12	21.339	240	859071	20.00	ng	# 0.00
86) Perylene-d12	23.733	264	1020669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1309723	105.03	ng	0.00
7) Phenol-d6	7.058	99	1519563	92.12	ng	0.00
23) Nitrobenzene-d5	9.046	82	855184	64.95	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	514369	92.41	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1948621	61.62	ng	0.00
79) Terphenyl-d14	19.816	244	2591601	59.48	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.057	122	44	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.404	237	31	8.72	ng	76
54) 2,4-Dinitrophenol	14.651	184	19	8.88	ng	# 59
56) 4-Nitrophenol	14.769	139	53	7.13	ng	# 16
62) 4-Nitroaniline	15.598	138	9	2.96	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.657	198	27	4.42	ng	# 1

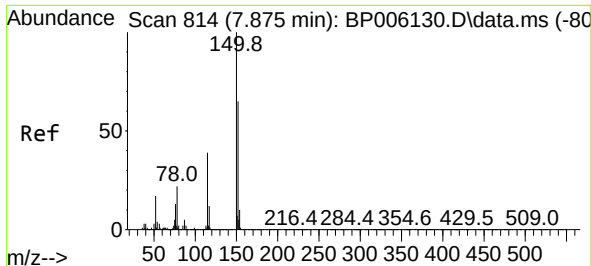
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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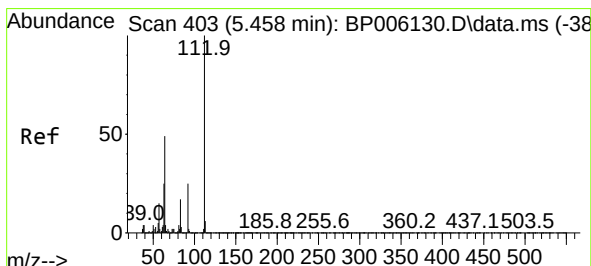
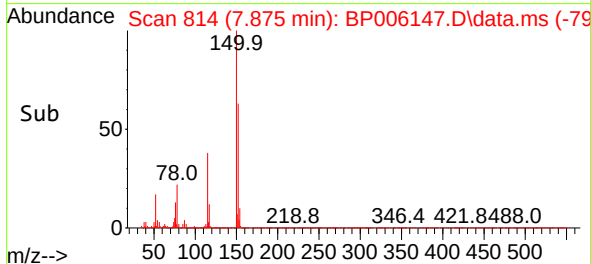
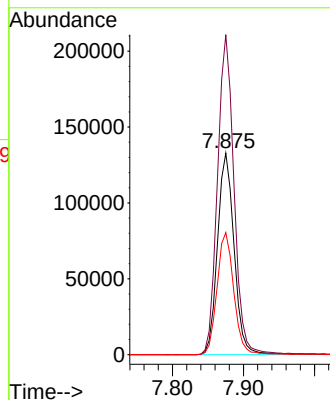
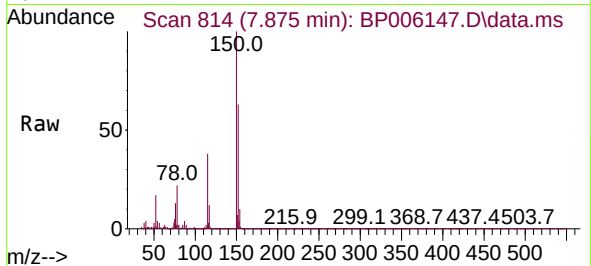




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

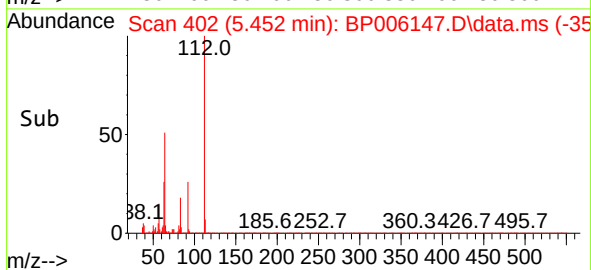
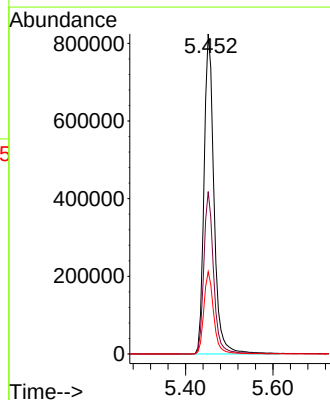
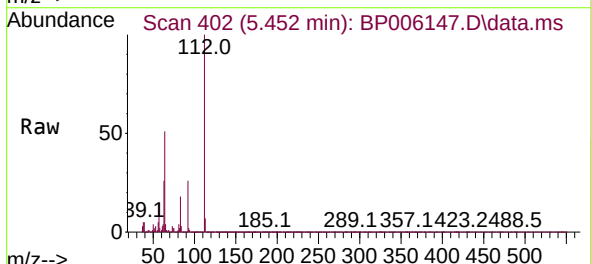
Instrument :
BNA_P
ClientSampleId :
1-8FT-STEFLANIC-AVE-TP-2

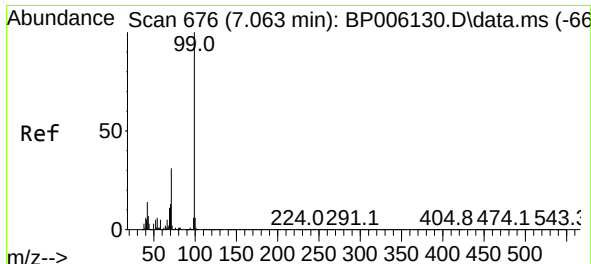
Tgt Ion:152 Resp: 214572
Ion Ratio Lower Upper
152 100
150 158.7 125.6 188.4
115 60.6 48.5 72.7



#5
2-Fluorophenol
Concen: 105.03 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

Tgt Ion:112 Resp: 1309723
Ion Ratio Lower Upper
112 100
64 50.7 41.4 62.2
63 25.7 23.8 35.8

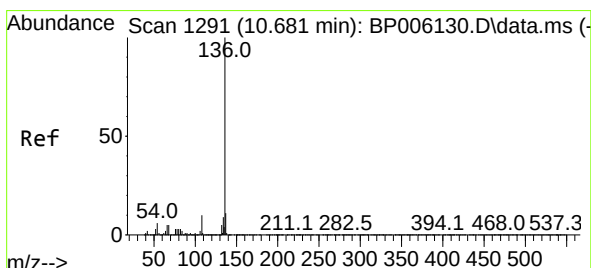
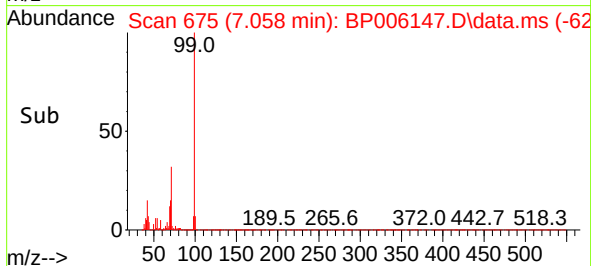
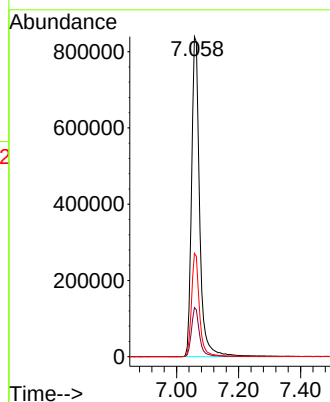
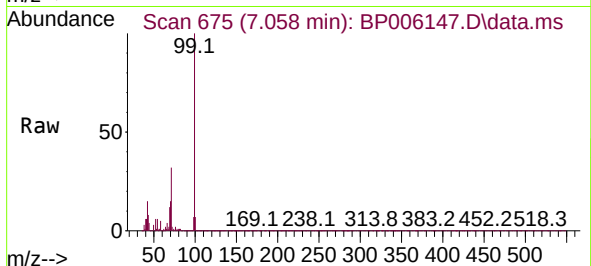




#7
Phenol-d6
Concen: 92.12 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

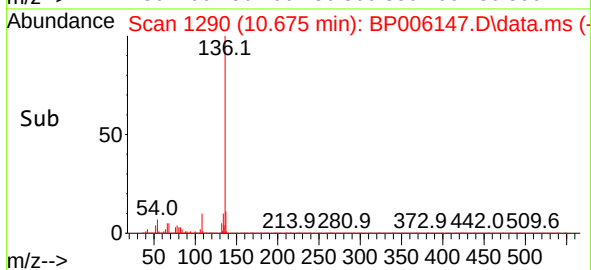
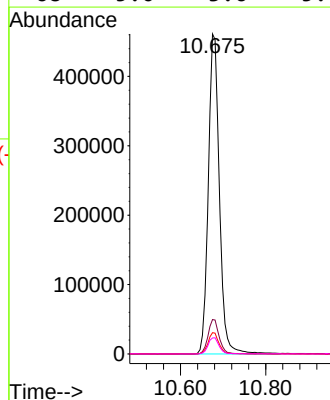
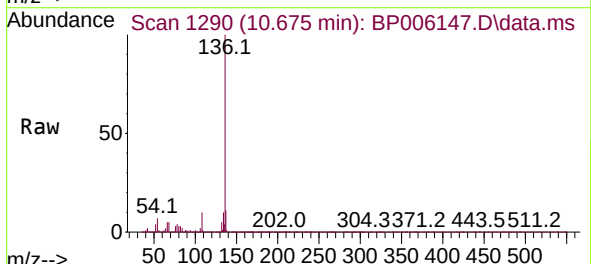
Instrument :
BNA_P
ClientSampleId :
1-8FT-STEFLANIC-AVE-TP-2

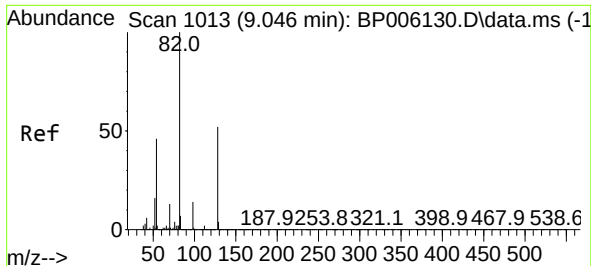
Tgt Ion: 99 Resp: 1519563
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.0
71 32.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

Tgt Ion: 136 Resp: 831650
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.6 4.6 6.8
68 5.0 3.6 5.4

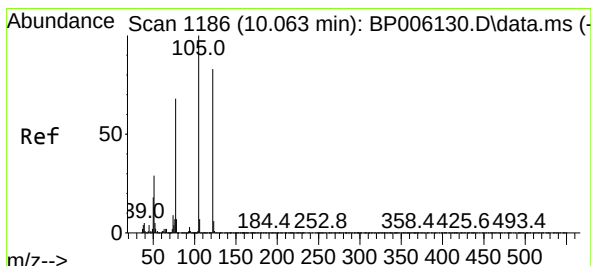
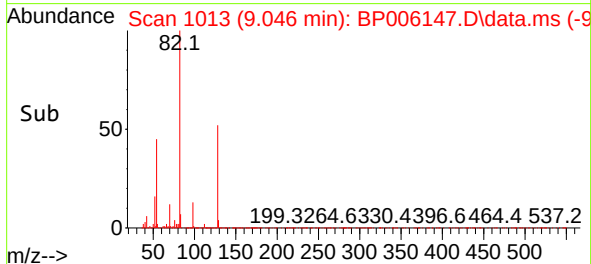
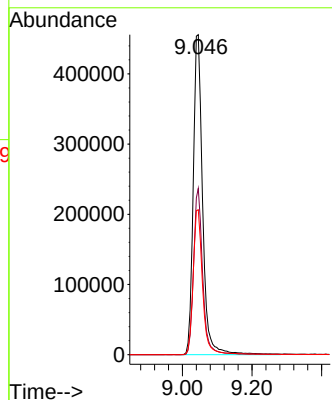
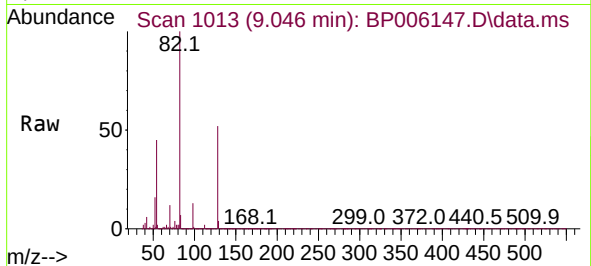




#23
Nitrobenzene-d5
Concen: 64.95 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

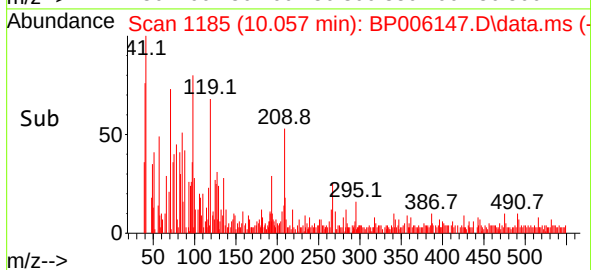
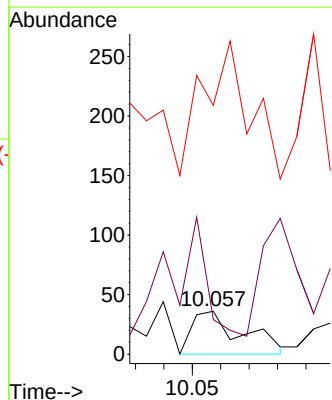
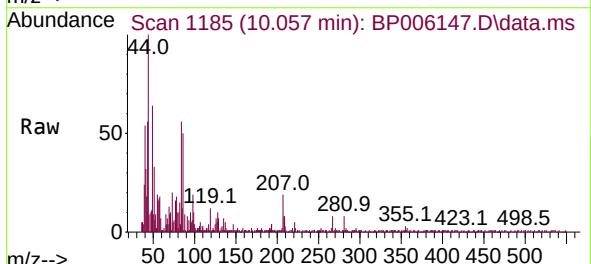
Instrument :
BNA_P
ClientSampleId :
1-8FT-STEFLANIC-AVE-TP-2

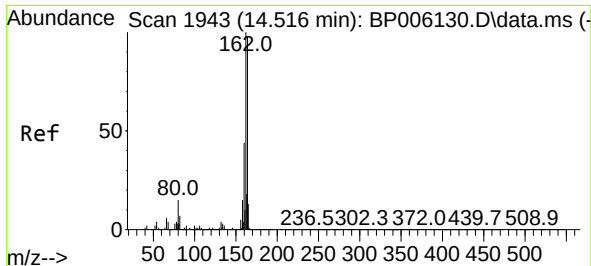
Tgt Ion: 82 Resp: 855184
Ion Ratio Lower Upper
82 100
128 52.0 35.7 53.5
54 45.3 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

Tgt Ion: 122 Resp: 44
Ion Ratio Lower Upper
122 100
105 63.0 103.2 143.2#
77 454.3 76.2 116.2#

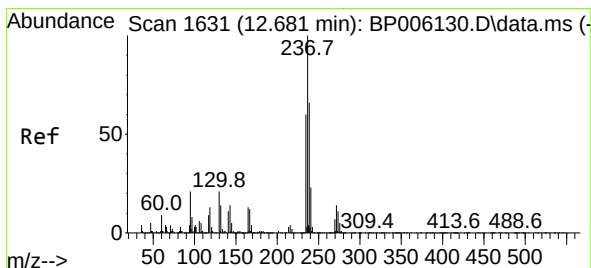
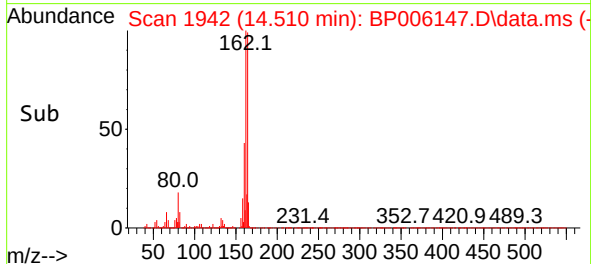
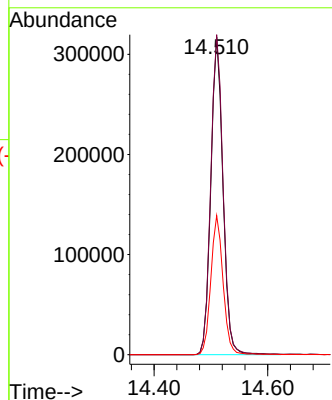
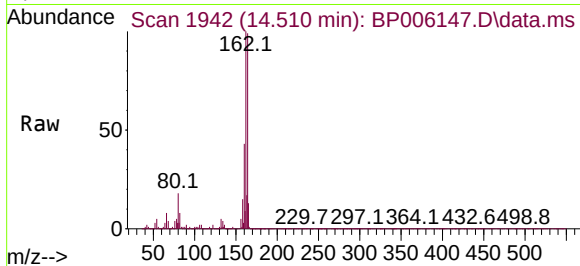




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

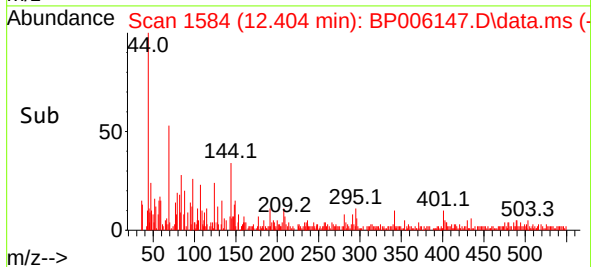
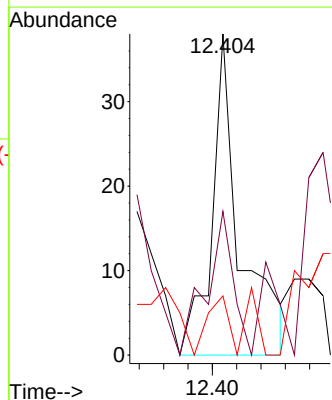
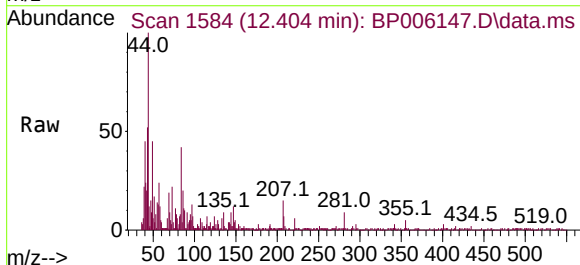
Instrument :
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ClientSampleId :
1-8FT-STEFLANIC-AVE-TP-2

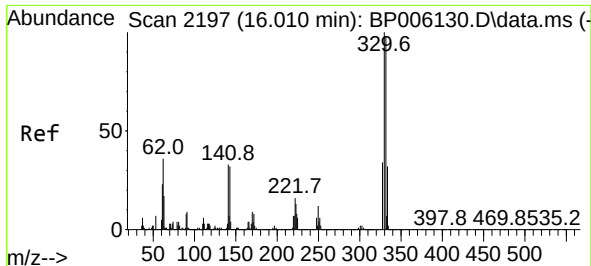
Tgt Ion:164 Resp: 467520
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 43.8 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.72 ng
RT: 12.404 min Scan# 1584
Delta R.T. -0.277 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

Tgt Ion:237 Resp: 31
Ion Ratio Lower Upper
237 100
235 44.7 44.5 84.5
272 18.4 0.0 32.5

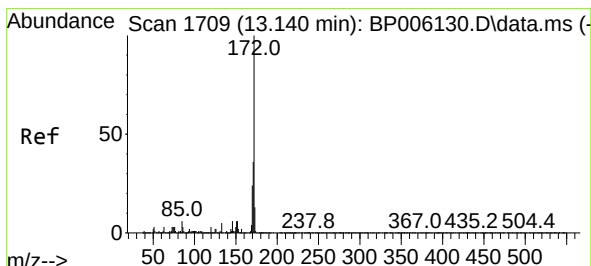
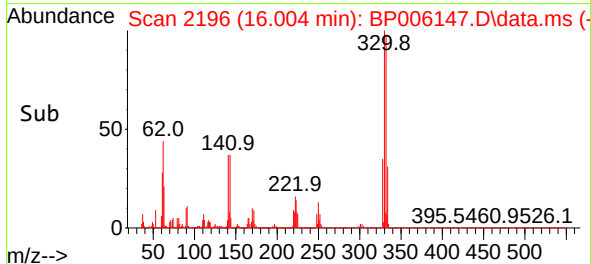
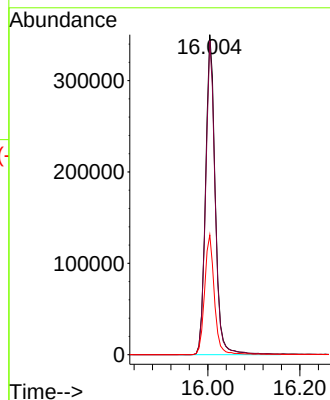
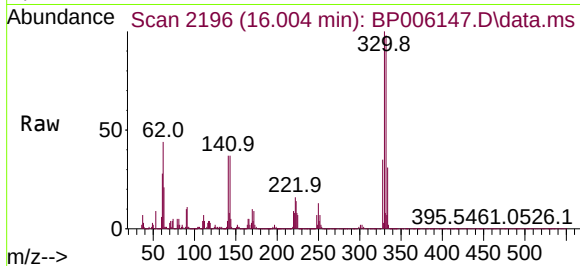




#42
2,4,6-Tribromophenol
Concen: 92.41 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

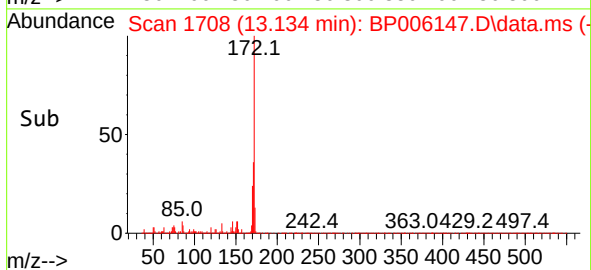
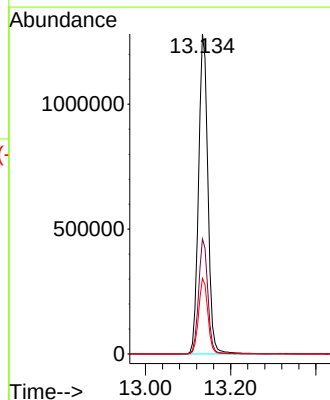
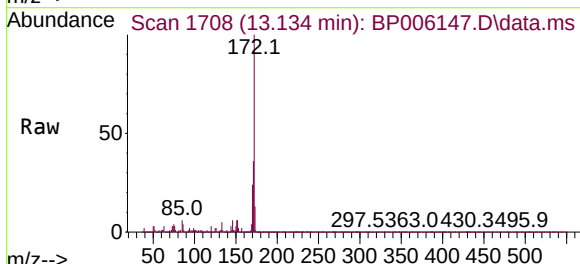
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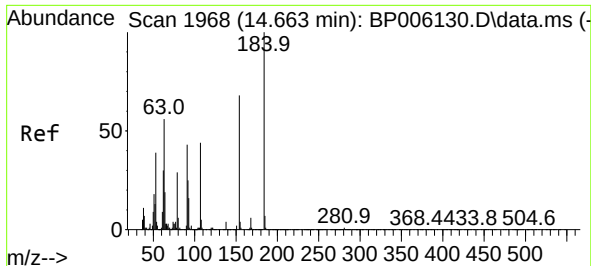
Tgt Ion:330 Resp: 514369
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 37.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 61.62 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

Tgt Ion:172 Resp: 1948621
Ion Ratio Lower Upper
172 100
171 36.0 27.9 41.9
170 23.7 18.6 27.8

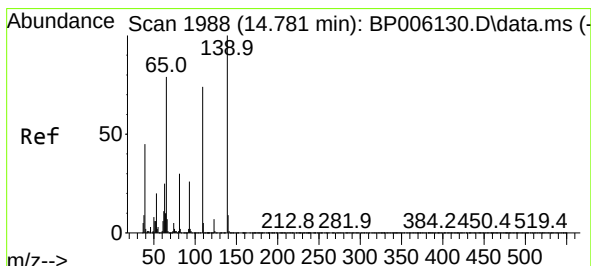
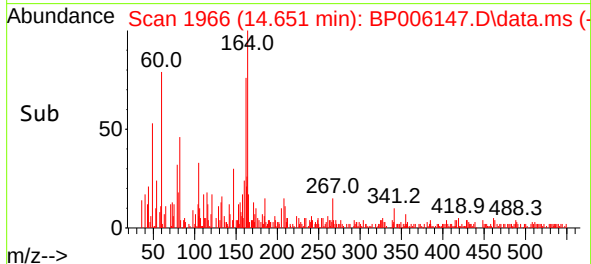
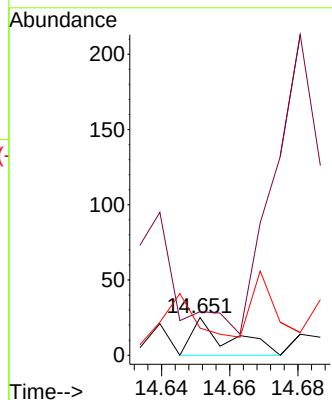
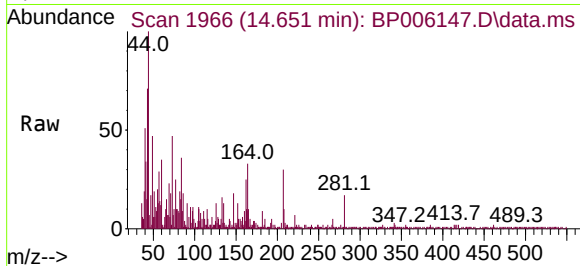




#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 14.651 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

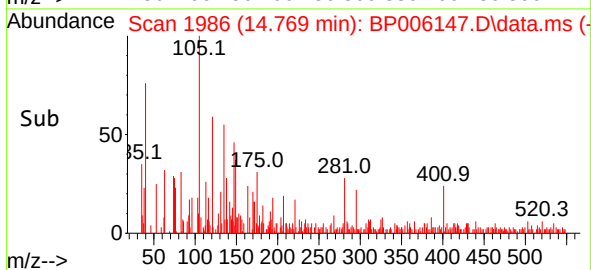
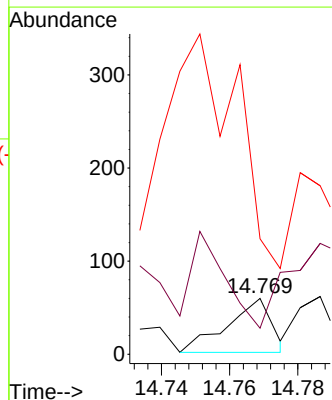
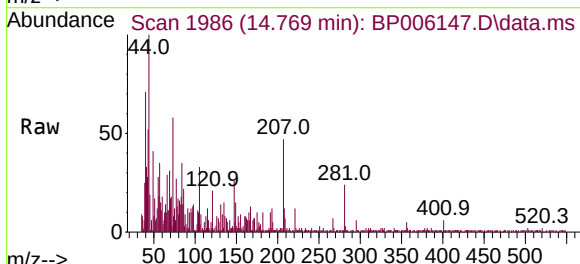
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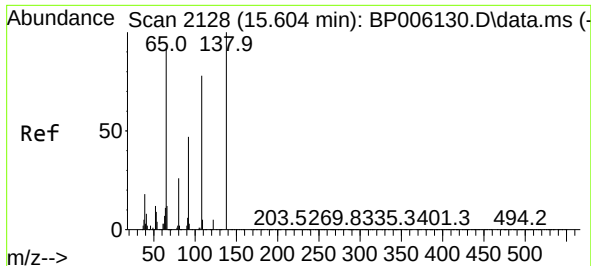
Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 116.0 47.0 70.6#
154 72.0 52.3 78.5



#56
4-Nitrophenol
Concen: 7.13 ng
RT: 14.769 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

Tgt Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 46.7 72.3 112.3#
65 206.7 72.5 112.5#

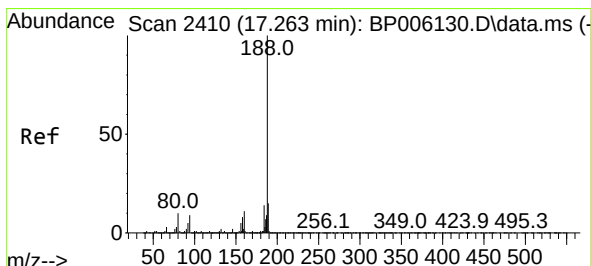
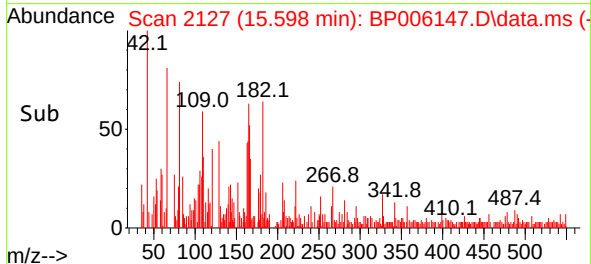
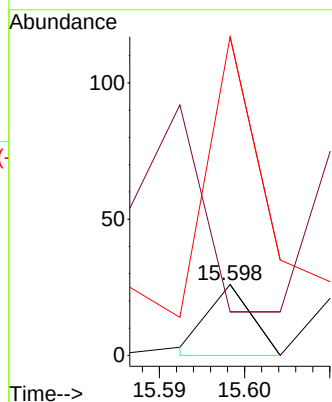
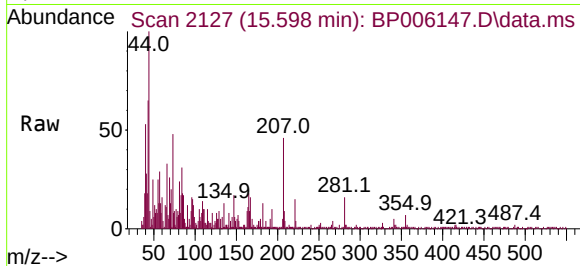




#62
4-Nitroaniline
Concen: 2.96 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

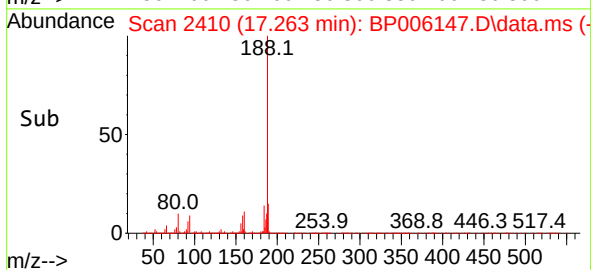
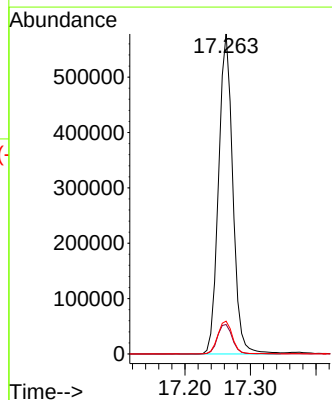
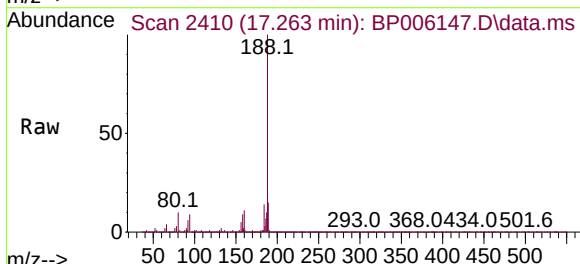
Instrument :
BNA_P
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1-8FT-STEFLANIC-AVE-TP-2

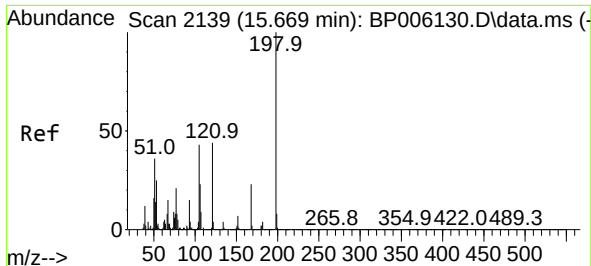
Tgt Ion:138 Resp: 9
Ion Ratio Lower Upper
138 100
92 61.5 31.2 71.2
108 450.0 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

Tgt Ion:188 Resp: 867416
Ion Ratio Lower Upper
188 100
94 9.2 5.6 8.4#
80 10.2 6.3 9.5#

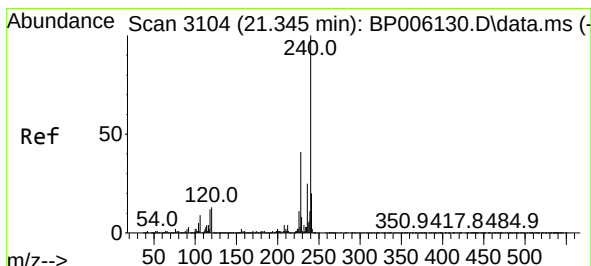
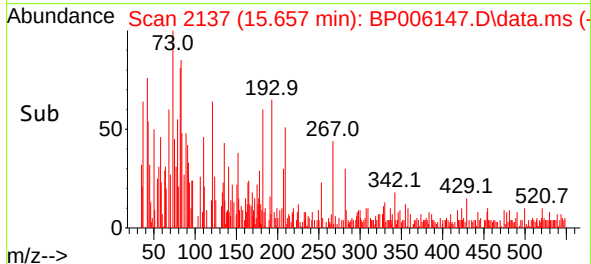
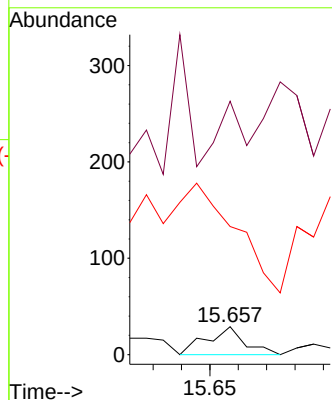
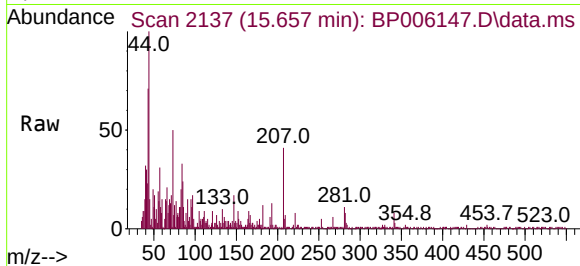




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

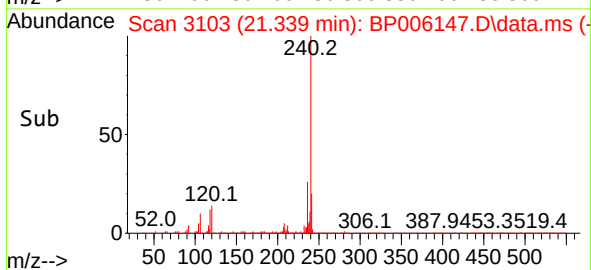
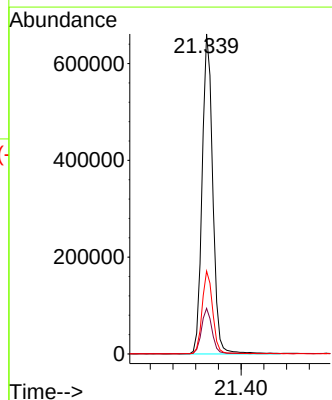
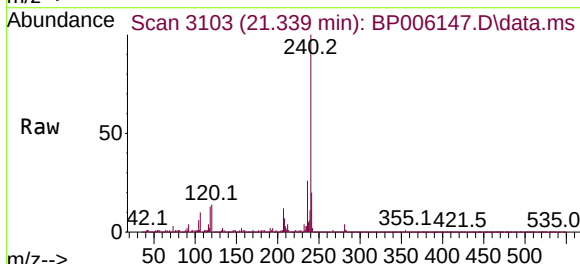
Instrument :
BNA_P
ClientSampleId :
1-8FT-STEFANIC-AVE-TP-2

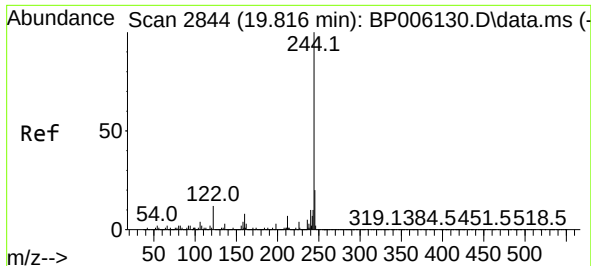
Tgt Ion:198 Resp: 27
Ion Ratio Lower Upper
198 100
51 906.9 14.0 54.0#
105 458.6 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP006147.D
Acq: 08 Jul 2021 19:17

Tgt Ion:240 Resp: 859071
Ion Ratio Lower Upper
240 100
120 14.3 6.5 9.7#
236 25.9 20.6 31.0

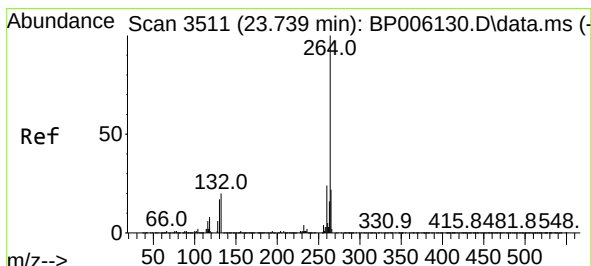
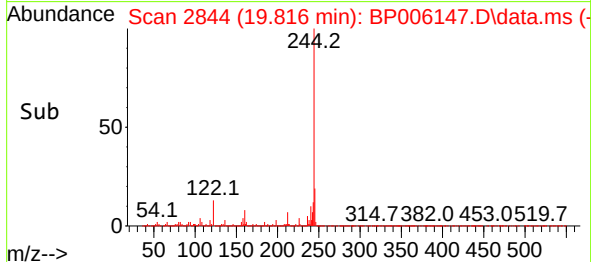
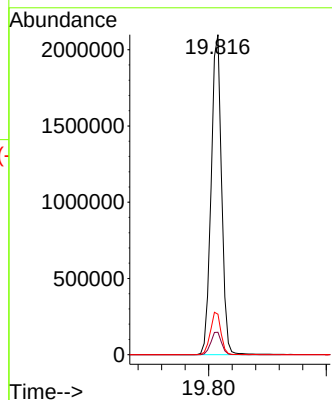
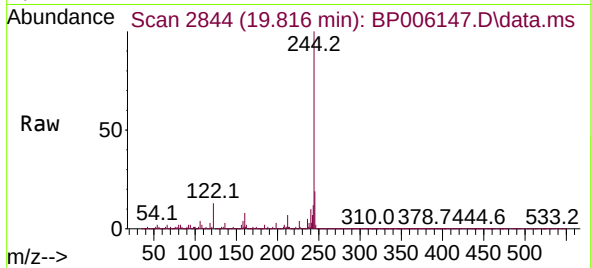




#79
 Terphenyl-d14
 Concen: 59.48 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. 0.000 min
 Lab File: BP006147.D
 Acq: 08 Jul 2021 19:17

Instrument :
 BNA_P
 ClientSampleId :
 1-8FT-STEFLANIC-AVE-TP-2

Tgt Ion:244 Resp: 2591601
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.6 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.733 min Scan# 3510
 Delta R.T. -0.006 min
 Lab File: BP006147.D
 Acq: 08 Jul 2021 19:17

Tgt Ion:264 Resp: 1020669
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 22.5 17.6 26.4

