

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
 Data File : BP005197.D
 Acq On : 06 Apr 2021 15:28
 Operator : CG/JU
 Sample : M1931-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

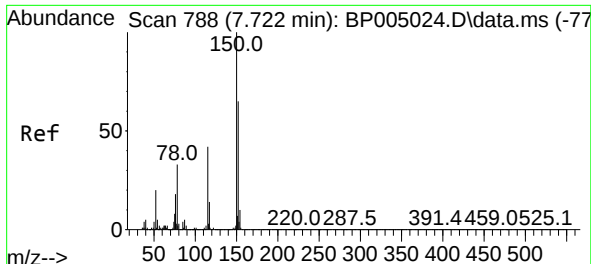
Instrument :
 BNA_P
 ClientSampleId :
 BES-12SR

Quant Time: Apr 06 16:03:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	23638	20.00	ng	-0.01
21) Naphthalene-d8	10.487	136	88721	20.00	ng	#-0.01
39) Acenaphthene-d10	14.351	164	60484	20.00	ng	-0.01
64) Phenanthrene-d10	17.116	188	117842	20.00	ng	#-0.01
76) Chrysene-d12	21.210	240	124141	20.00	ng	-0.02
86) Perylene-d12	23.492	264	127190	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	100306	65.30	ng	-0.01
7) Phenol-d6	6.881	99	87827	39.92	ng	0.00
23) Nitrobenzene-d5	8.858	82	194623	94.12	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	100257	127.22	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	373766	83.59	ng	-0.01
79) Terphenyl-d14	19.686	244	455106	66.74	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.846	77	11678	10.42	ng	# 1
18) Hexachloroethane	8.799	117	60640	87.08	ng	# 1
20) 3+4-Methylphenols	8.475	107	4546	2.31	ng	# 44
22) Acetophenone	8.493	105	114569	44.92	ng	# 61
24) Nitrobenzene	8.875	77	12301	5.64	ng	# 2
31) Naphthalene	10.528	128	10757	2.15	ng	# 1
36) 4-Chloro-3-methylphenol	11.810	107	9580	5.21	ng	# 15
50) Dimethylphthalate	13.810	163	9705	2.08	ng	# 68

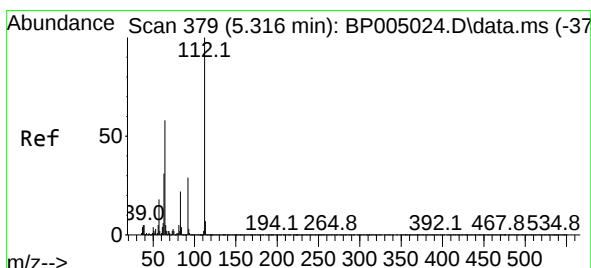
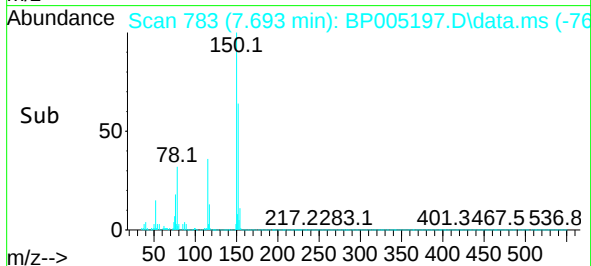
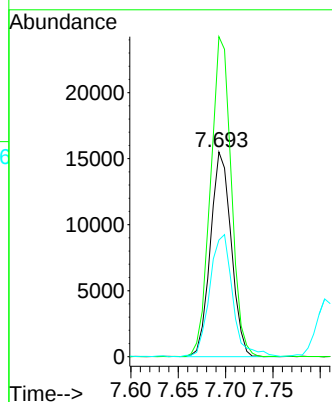
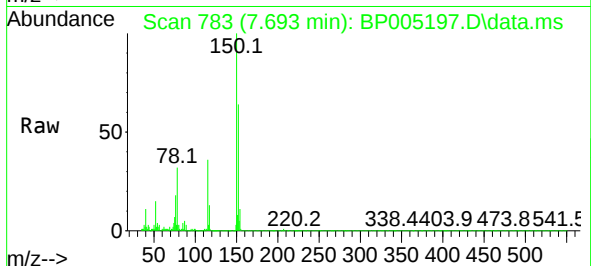
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.012 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

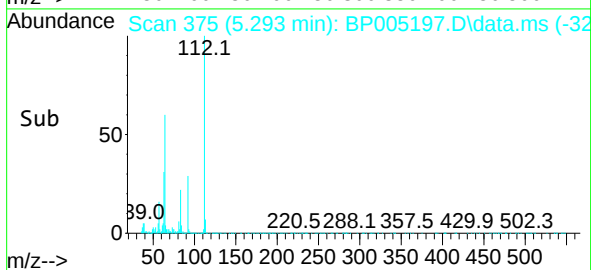
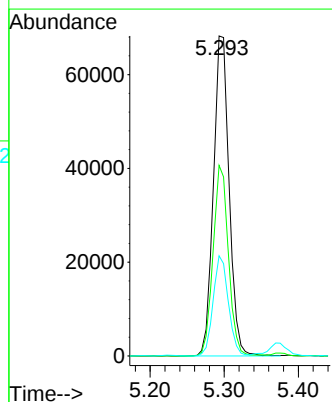
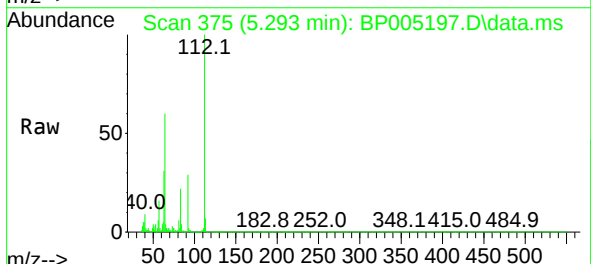
Instrument :
BNA_P
ClientSampleId :
BES-12SR

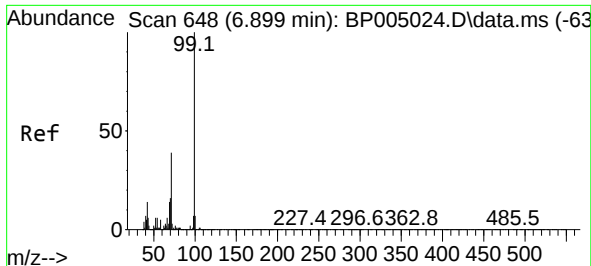
Tgt Ion:152 Resp: 23638
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 57.0 43.8 65.6



#5
2-Fluorophenol
Concen: 65.30 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.012 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

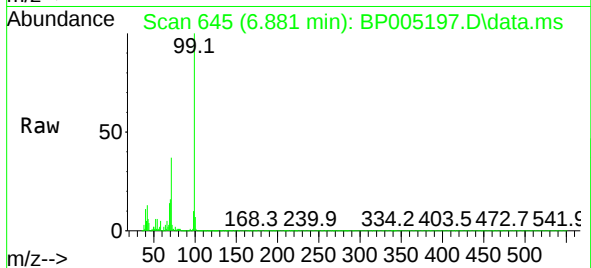
Tgt Ion:112 Resp: 100306
Ion Ratio Lower Upper
112 100
64 59.5 32.8 49.2#
63 31.3 17.0 25.4#



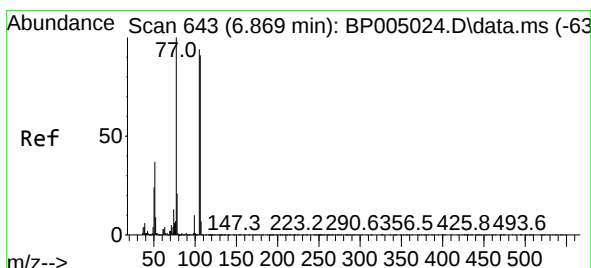
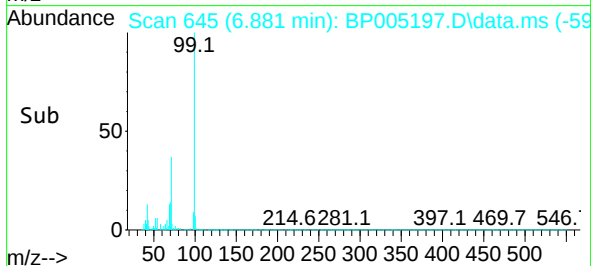
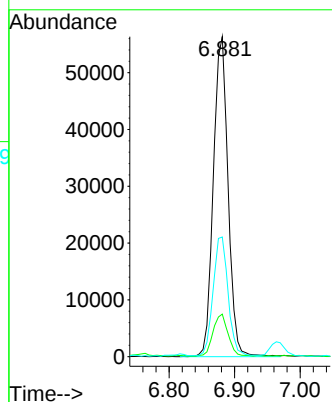


#7
Phenol-d6
Concen: 39.92 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

Instrument :
BNA_P
ClientSampleId :
BES-12SR

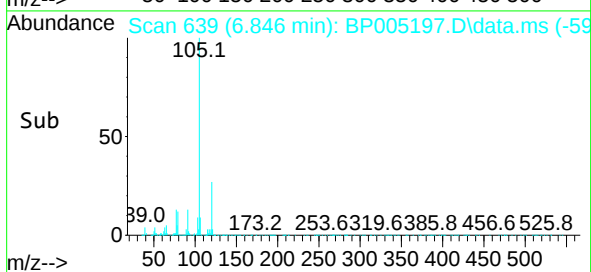
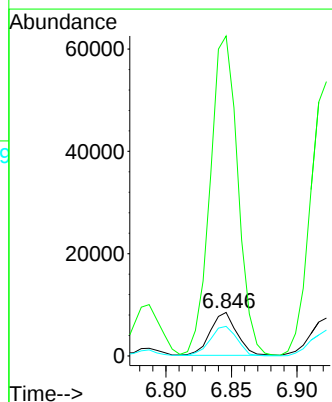
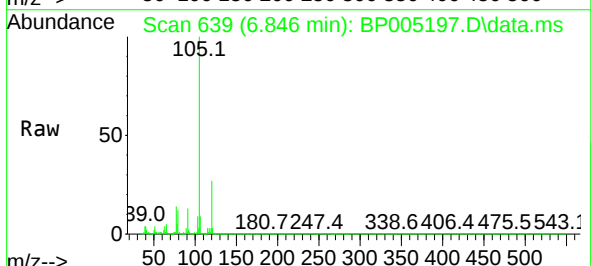


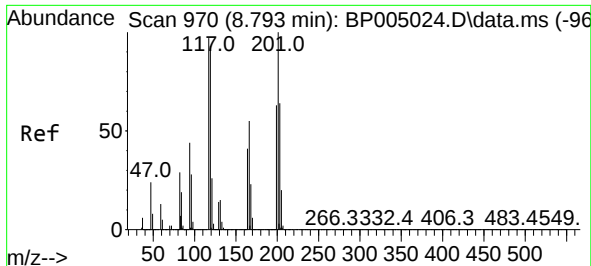
Tgt Ion: 99 Resp: 87827
Ion Ratio Lower Upper
99 100
42 13.3 8.6 13.0#
71 37.4 23.4 35.2#



#9
Benzaldehyde
Concen: 10.42 ng
RT: 6.846 min Scan# 639
Delta R.T. -0.012 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

Tgt Ion: 77 Resp: 11678
Ion Ratio Lower Upper
77 100
105 736.3 97.1 137.1#
106 68.2 93.7 133.7#

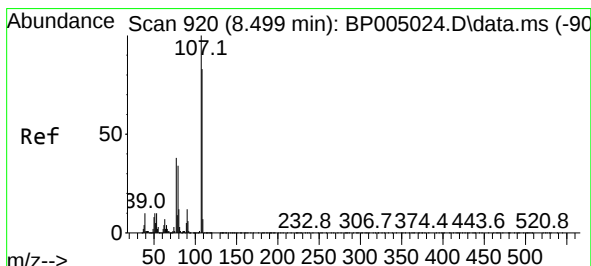
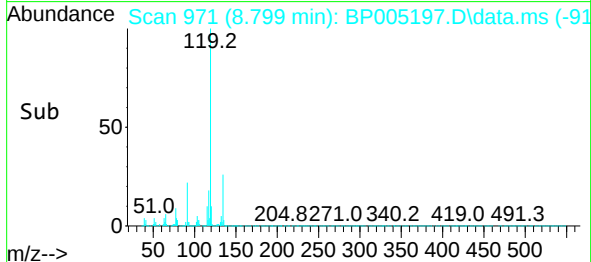
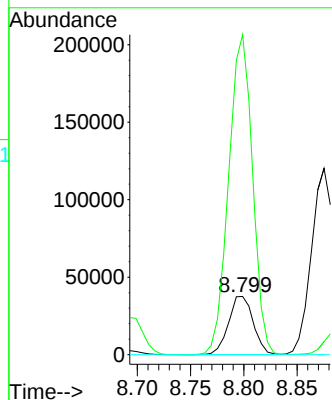
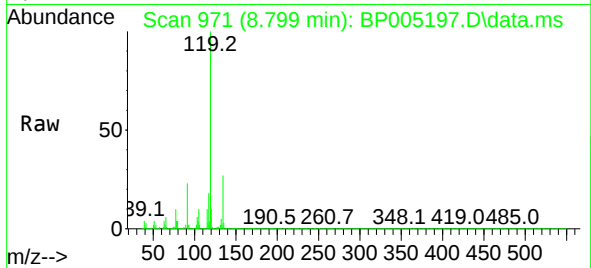




#18
Hexachloroethane
Concen: 87.08 ng
RT: 8.799 min Scan# 971
Delta R.T. 0.024 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

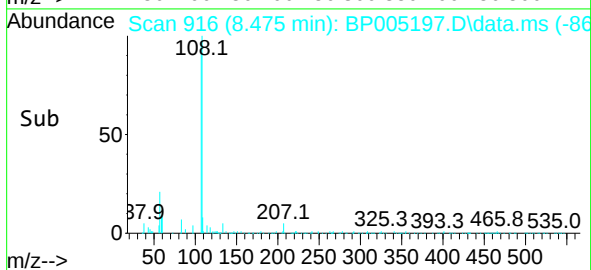
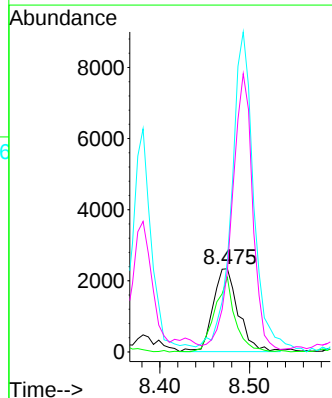
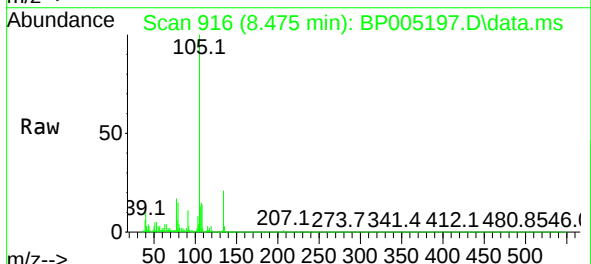
Instrument :
BNA_P
ClientSampleId :
BES-12SR

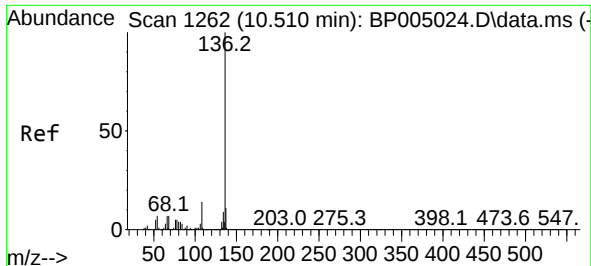
Tgt Ion:117 Resp: 60640
Ion Ratio Lower Upper
117 100
119 549.5 78.8 118.2#
201 0.0 92.3 138.5#



#20
3+4-Methylphenols
Concen: 2.31 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

Tgt Ion:107 Resp: 4546
Ion Ratio Lower Upper
107 100
108 89.5 69.0 109.0
77 109.5 8.5 48.5#
79 97.5 4.8 44.8#

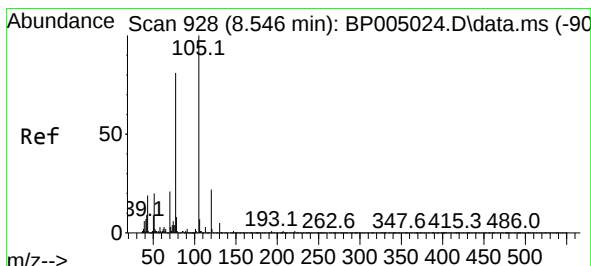
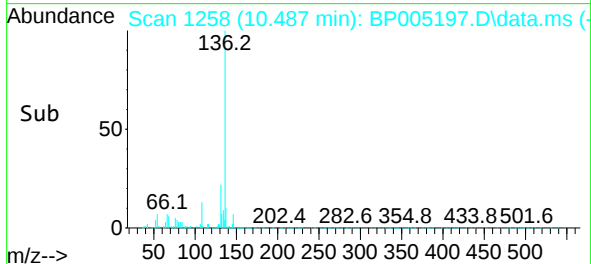
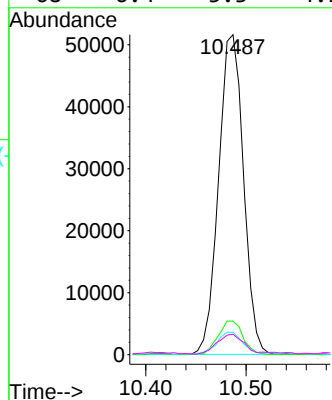
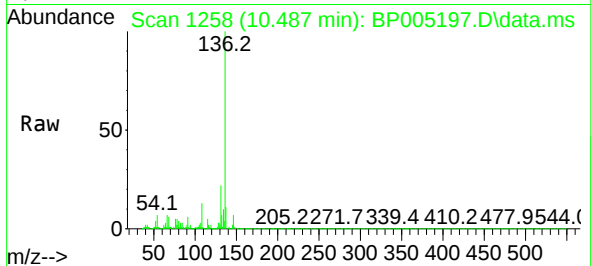




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

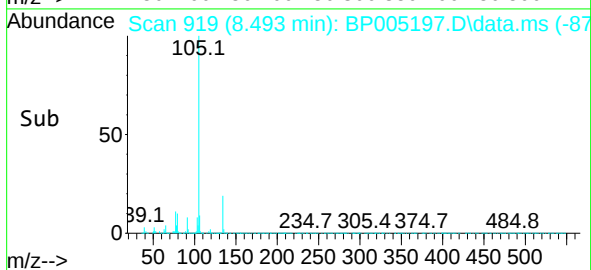
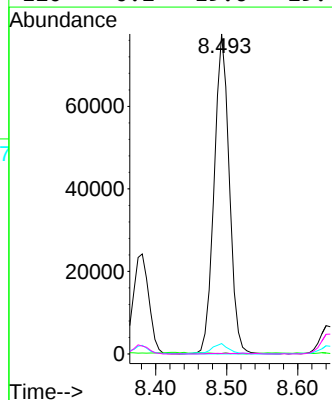
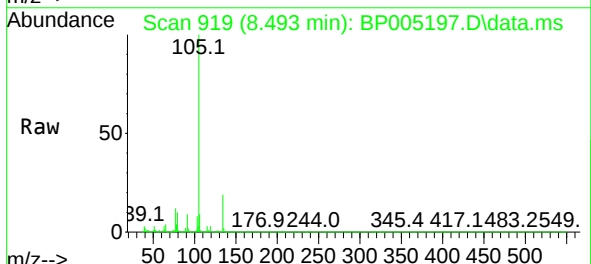
Instrument :
BNA_P
ClientSampleId :
BES-12SR

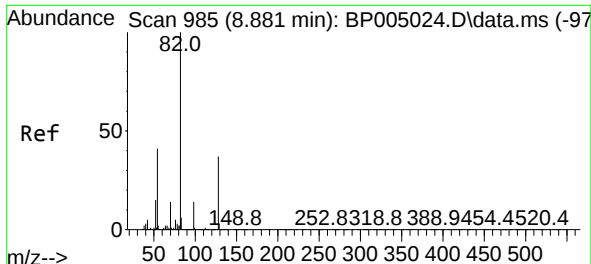
Tgt Ion:	136	Resp:	88721
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	7.0	3.6	5.4#
68	6.4	3.3	4.9#



#22
Acetophenone
Concen: 44.92 ng
RT: 8.493 min Scan# 919
Delta R.T. -0.041 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

Tgt Ion:	105	Resp:	114569
Ion Ratio	Lower	Upper	
105	100		
71	0.1	2.6	3.8#
51	3.3	13.5	20.3#
120	0.2	19.6	29.4#

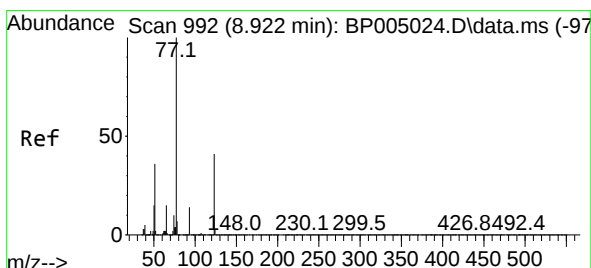
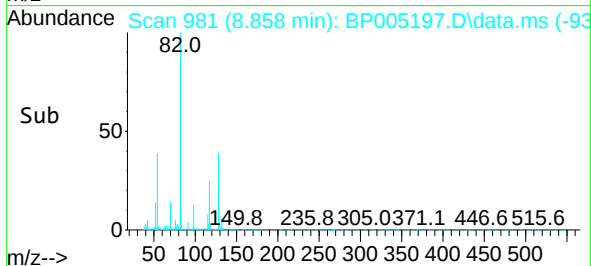
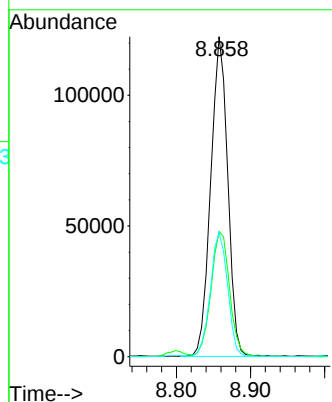
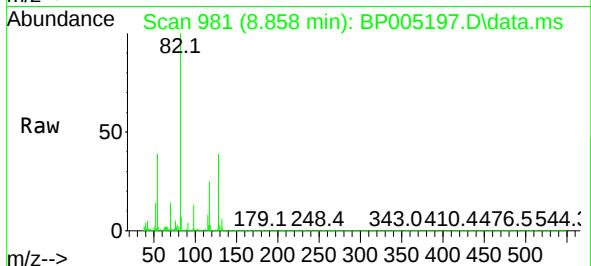




#23
Nitrobenzene-d5
Concen: 94.12 ng
RT: 8.858 min Scan# 981
Delta R.T. -0.012 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

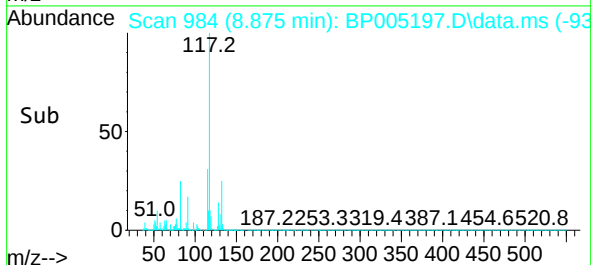
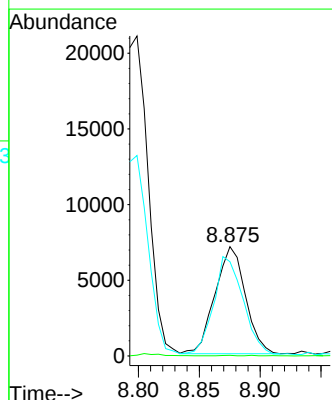
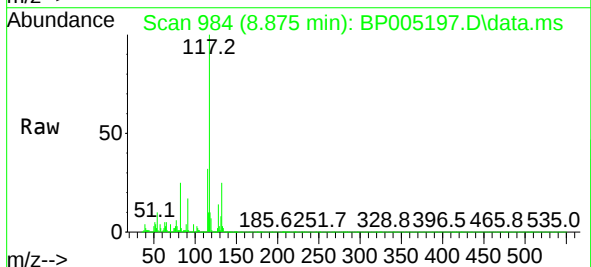
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BNA_P
ClientSampleId :
BES-12SR

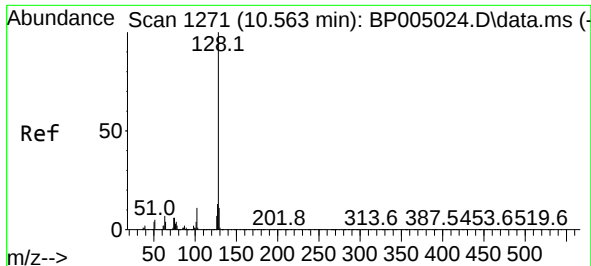
Tgt Ion: 82 Resp: 194623
Ion Ratio Lower Upper
82 100
128 39.1 45.6 68.4#
54 38.8 30.1 45.1



#24
Nitrobenzene
Concen: 5.64 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.035 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

Tgt Ion: 77 Resp: 12301
Ion Ratio Lower Upper
77 100
123 0.6 48.6 72.8#
65 86.3 10.0 15.0#

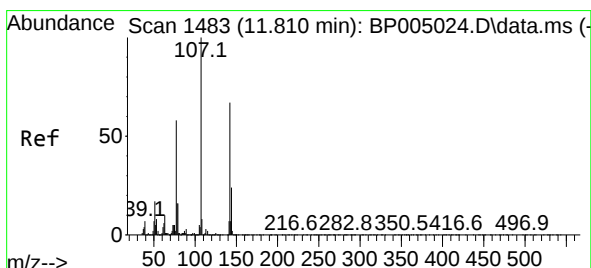
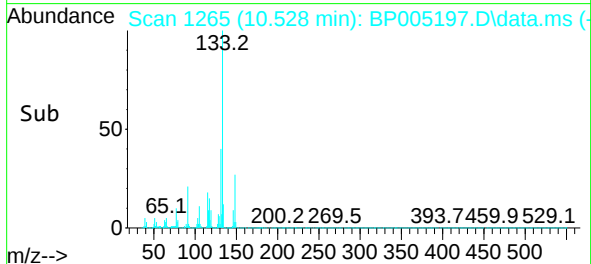
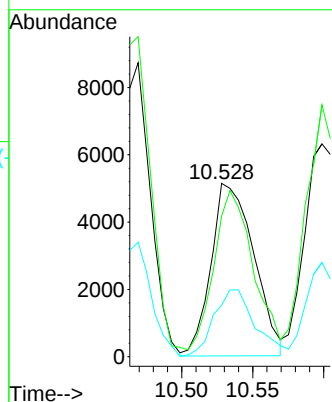
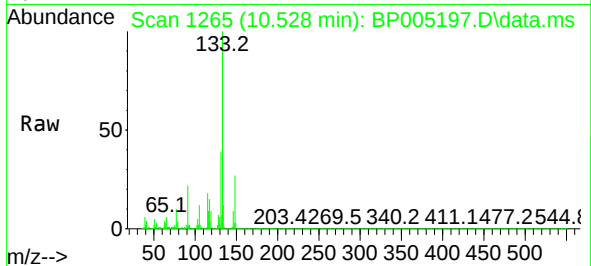




#31
Naphthalene
Concen: 2.15 ng
RT: 10.528 min Scan# 1265
Delta R.T. -0.024 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

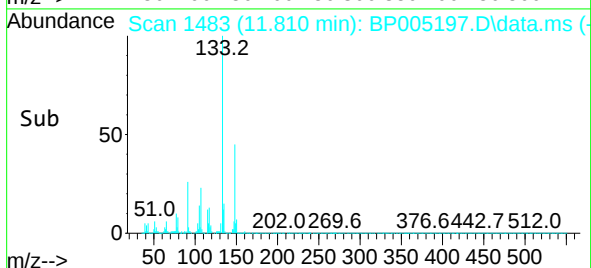
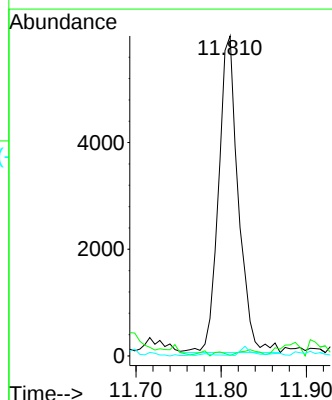
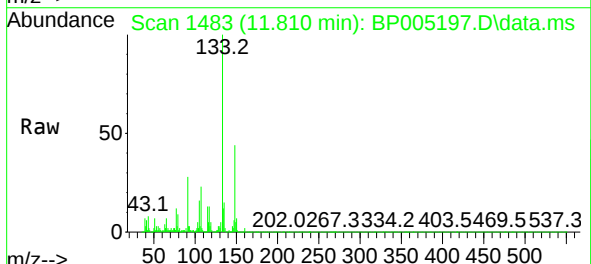
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BNA_P
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BES-12SR

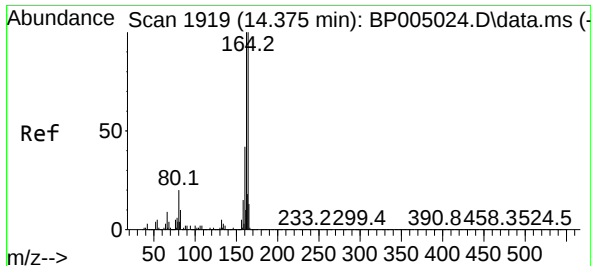
Tgt Ion:128 Resp: 10757
Ion Ratio Lower Upper
128 100
129 81.3 8.8 13.2#
127 29.7 10.6 15.8#



#36
4-Chloro-3-methylphenol
Concen: 5.21 ng
RT: 11.810 min Scan# 1483
Delta R.T. 0.012 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

Tgt Ion:107 Resp: 9580
Ion Ratio Lower Upper
107 100
144 0.2 22.7 34.1#
142 0.2 70.7 106.1#

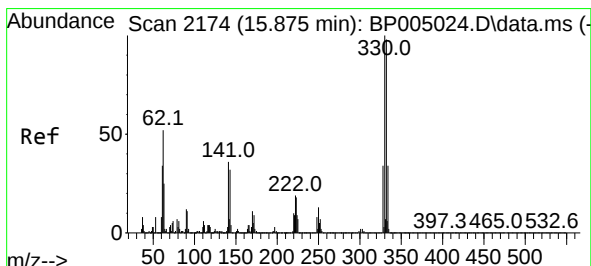
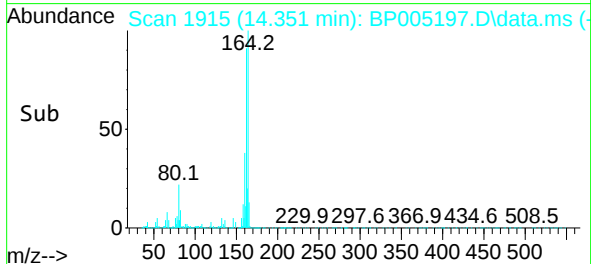
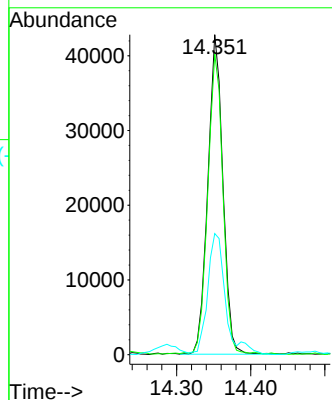
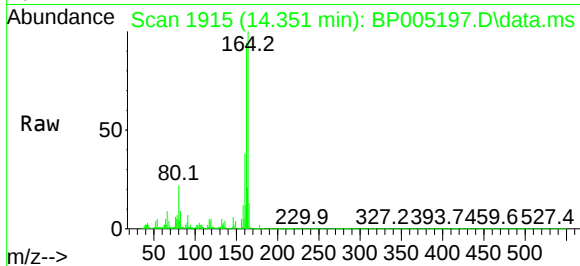




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

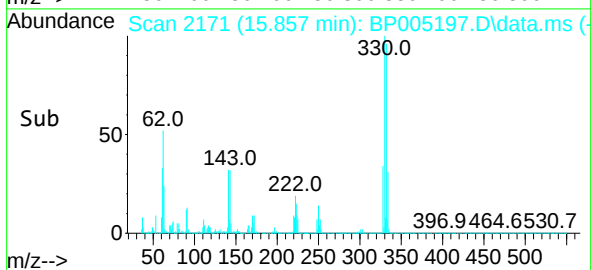
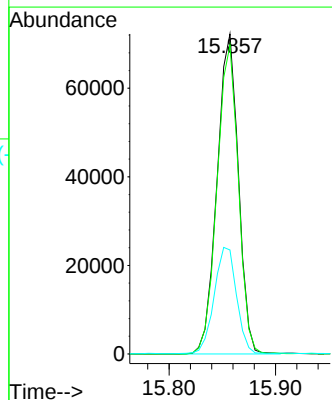
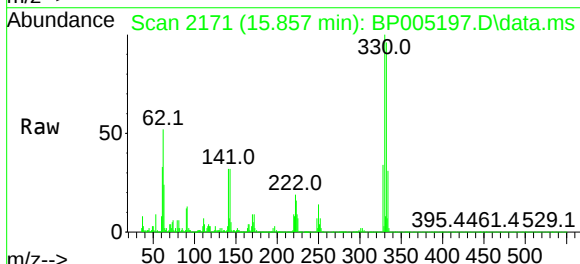
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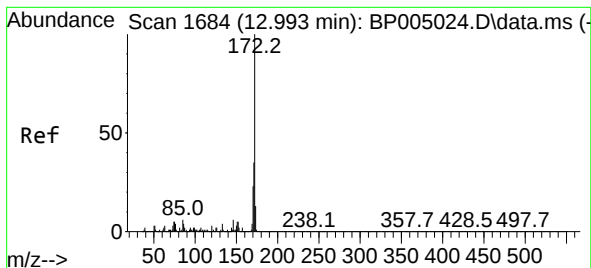
Tgt Ion:164 Resp: 60484
Ion Ratio Lower Upper
164 100
162 93.9 79.4 119.2
160 37.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 127.22 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

Tgt Ion:330 Resp: 100257
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 34.8 23.4 35.2

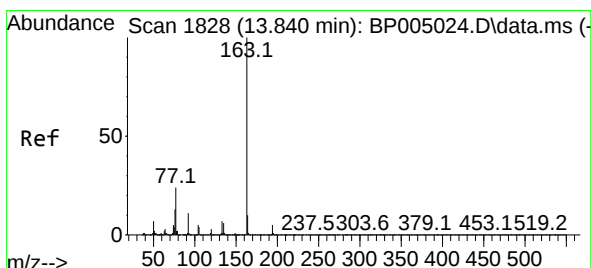
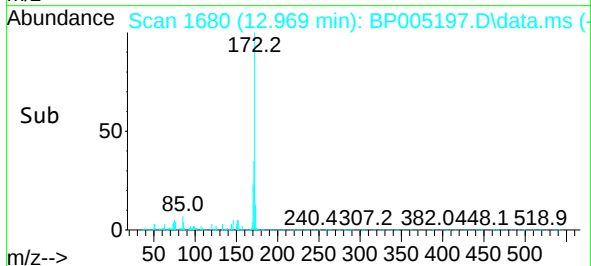
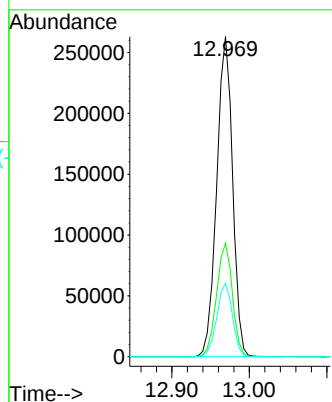
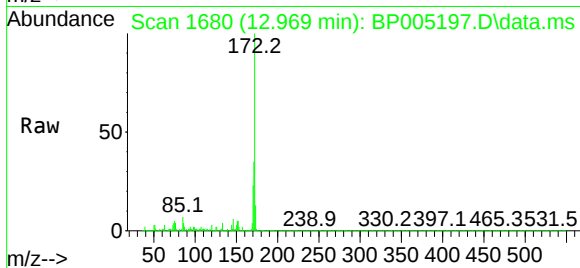




#45
2-Fluorobiphenyl
Concen: 83.59 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

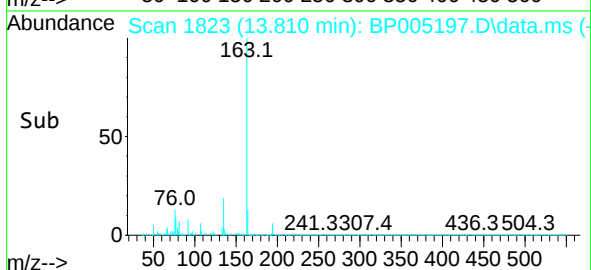
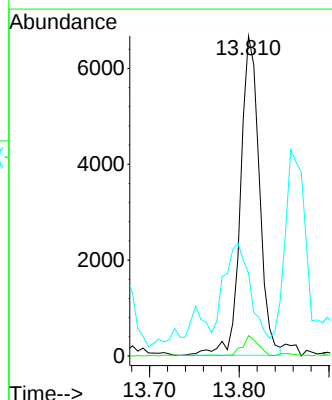
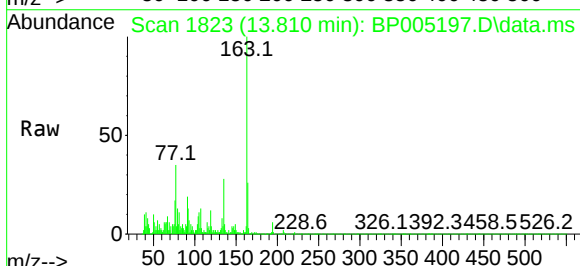
Instrument :
BNA_P
ClientSampleId :
BES-12SR

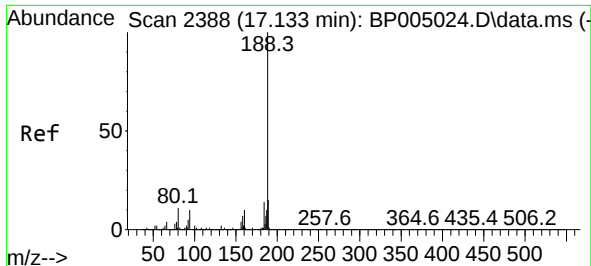
Tgt Ion:172 Resp: 373766
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.0 19.2 28.8



#50
Dimethylphthalate
Concen: 2.08 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.018 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

Tgt Ion:163 Resp: 9705
Ion Ratio Lower Upper
163 100
194 6.3 3.3 4.9#
164 26.0 8.2 12.2#

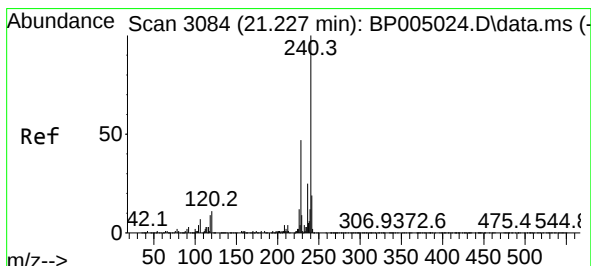
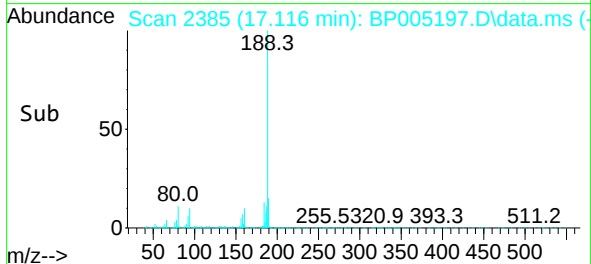
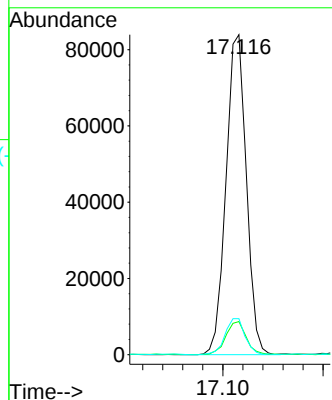
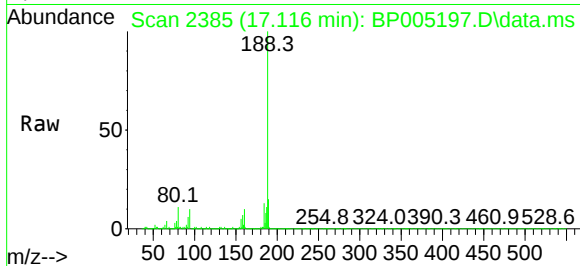




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2385
Delta R.T. -0.012 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

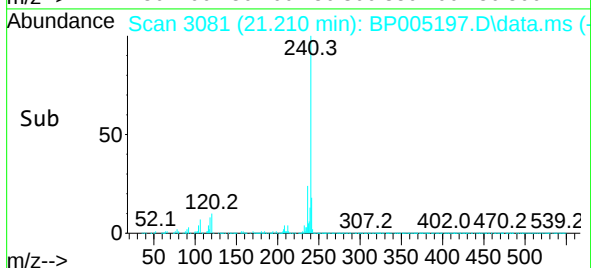
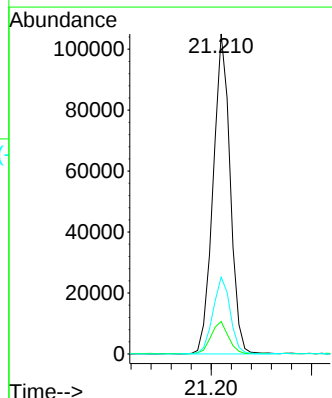
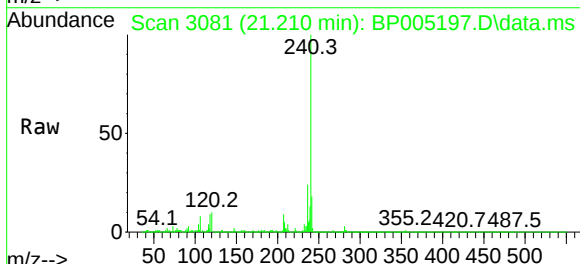
Instrument :
BNA_P
ClientSampleId :
BES-12SR

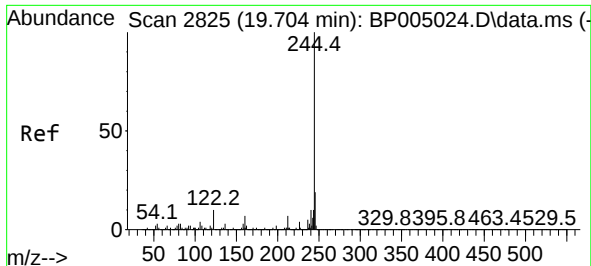
Tgt Ion:188 Resp: 117842
Ion Ratio Lower Upper
188 100
94 10.3 6.2 9.2#
80 11.3 6.2 9.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.018 min
Lab File: BP005197.D
Acq: 06 Apr 2021 15:28

Tgt Ion:240 Resp: 124141
Ion Ratio Lower Upper
240 100
120 10.2 7.8 11.6
236 24.0 20.8 31.2

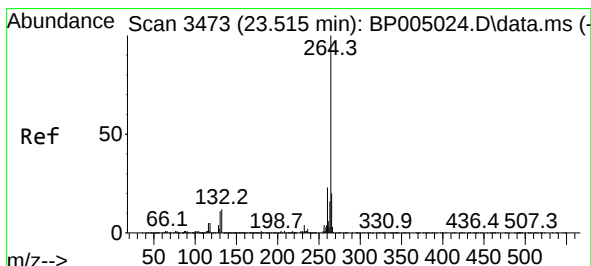
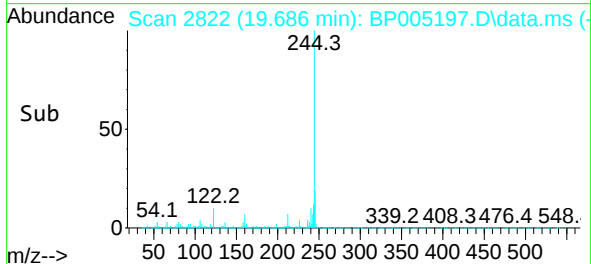
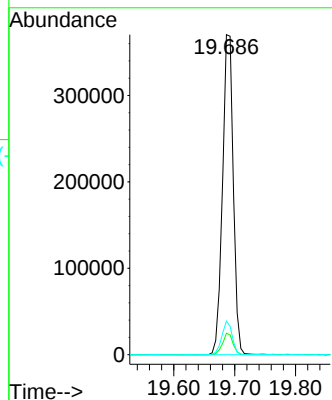
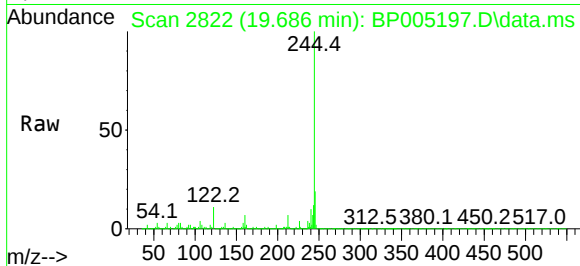




#79
 Terphenyl-d14
 Concen: 66.74 ng
 RT: 19.686 min Scan# 2822
 Delta R.T. -0.012 min
 Lab File: BP005197.D
 Acq: 06 Apr 2021 15:28

Instrument :
 BNA_P
 ClientSampleId :
 BES-12SR

Tgt Ion:244 Resp: 455106
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 10.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.492 min Scan# 3469
 Delta R.T. -0.018 min
 Lab File: BP005197.D
 Acq: 06 Apr 2021 15:28

Tgt Ion:264 Resp: 127190
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 22.5 17.4 26.2

