

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
 Data File : BP005236.D
 Acq On : 08 Apr 2021 15:17
 Operator : CG/JU
 Sample : M1931-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BES-12SR

Quant Time: Apr 08 15:56:03 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)

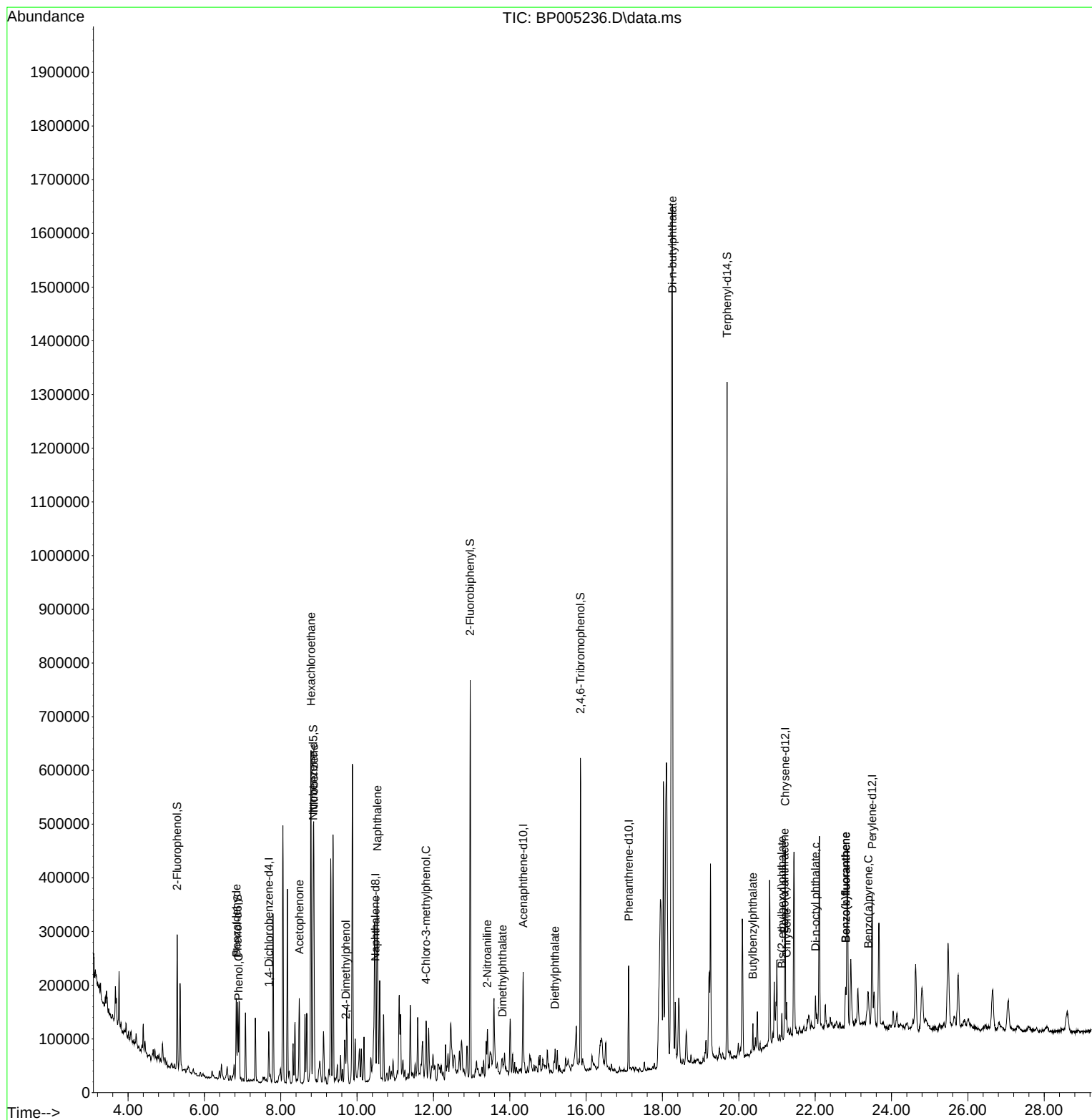
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	22838	20.00	ng	# 0.00
21) Naphthalene-d8	10.481	136	83868	20.00	ng	# 0.00
39) Acenaphthene-d10	14.351	164	55462	20.00	ng	0.00
64) Phenanthrene-d10	17.116	188	115045	20.00	ng	# 0.00
76) Chrysene-d12	21.216	240	148350	20.00	ng	0.00
86) Perylene-d12	23.492	264	171823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	102316	68.95	ng	0.00
7) Phenol-d6	6.875	99	81839	38.50	ng	0.00
23) Nitrobenzene-d5	8.852	82	187266	95.81	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	112290	155.39	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	363095	88.56	ng	0.00
79) Terphenyl-d14	19.692	244	567969	69.70	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.840	77	11452	10.58	ng	# 1
10) Phenol	6.899	94	5151	2.36	ng	# 60
18) Hexachloroethane	8.793	117	57719	85.79	ng	# 1
22) Acetophenone	8.487	105	104990	43.54	ng	# 60
24) Nitrobenzene	8.869	77	12627	6.13	ng	# 1
27) 2,4-Dimethylphenol	9.704	122	2702	2.10	ng	# 78
31) Naphthalene	10.528	128	62099	13.11	ng	# 81
36) 4-Chloro-3-methylphenol	11.804	107	8557	4.93	ng	# 17
48) 2-Nitroaniline	13.410	65	2769	2.52	ng	# 10
50) Dimethylphthalate	13.810	163	10675	2.50	ng	# 75
60) Diethylphthalate	15.181	149	14825	3.55	ng	95
74) Di-n-butylphthalate	18.257	149	1198747	177.94	ng	# 95
80) Butylbenzylphthalate	20.369	149	14857	3.93	ng	# 72
81) Benzo(a)anthracene	21.198	228	34014	3.37	ng	98
83) Chrysene	21.251	228	35930	3.63	ng	97
84) Bis(2-ethylhexyl)phtha...	21.127	149	18199	3.28	ng	# 95
85) Di-n-octyl phthalate	22.010	149	42308	4.52	ng	# 92
88) Benzo(b)fluoranthene	22.798	252	44633	3.66	ng	98
89) Benzo(k)fluoranthene	22.798	252	44633	3.82	ng	99
90) Benzo(a)pyrene	23.392	252	39045	3.57	ng	100

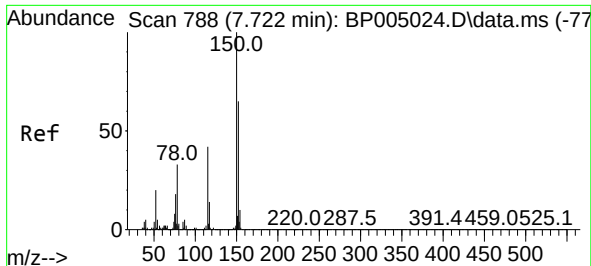
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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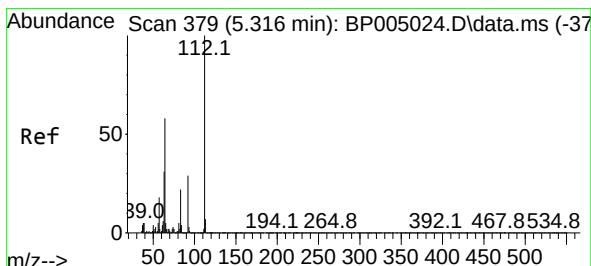
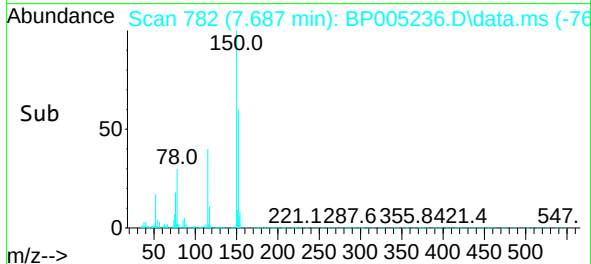
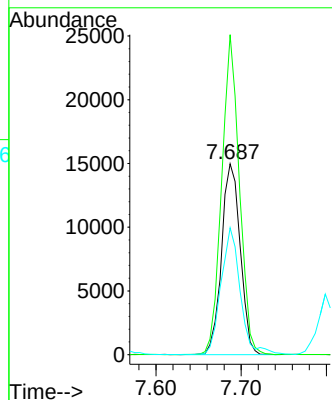
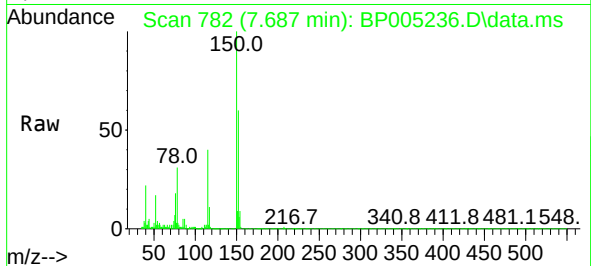




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.006 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

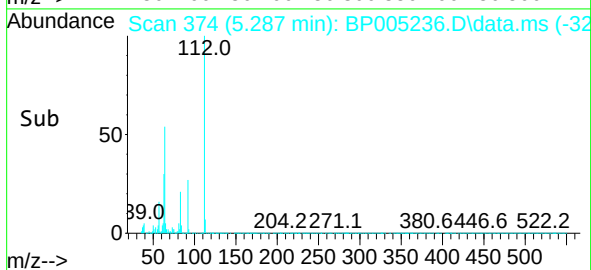
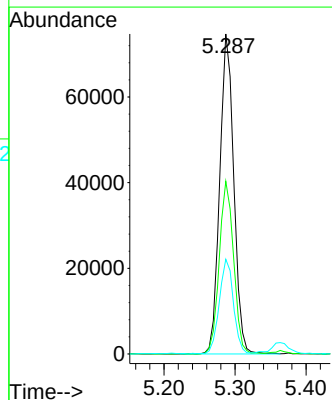
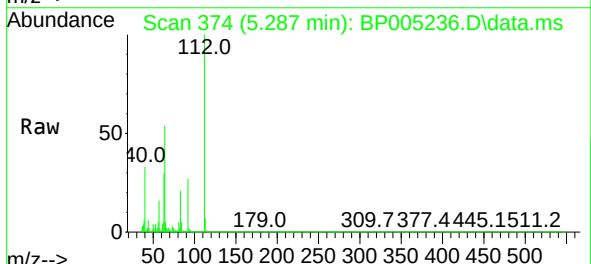
Instrument :
BNA_P
ClientSampleId :
BES-12SR

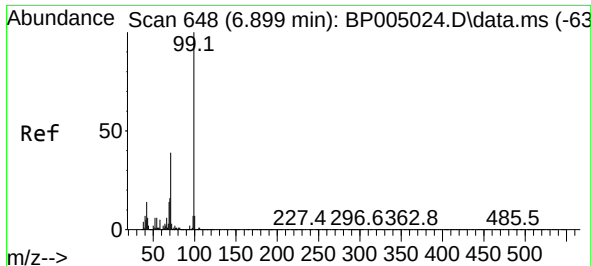
Tgt Ion:152 Resp: 22838
Ion Ratio Lower Upper
152 100
150 167.6 123.8 185.6
115 66.4 43.8 65.6#



#5
2-Fluorophenol
Concen: 68.95 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.006 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

Tgt Ion:112 Resp: 102316
Ion Ratio Lower Upper
112 100
64 53.9 32.8 49.2#
63 29.6 17.0 25.4#

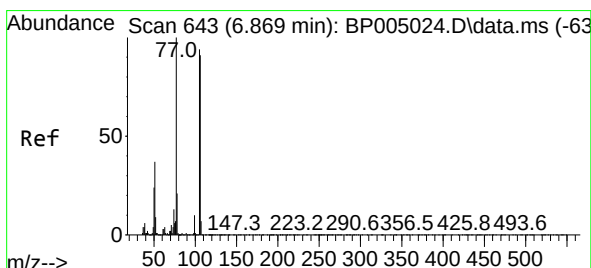
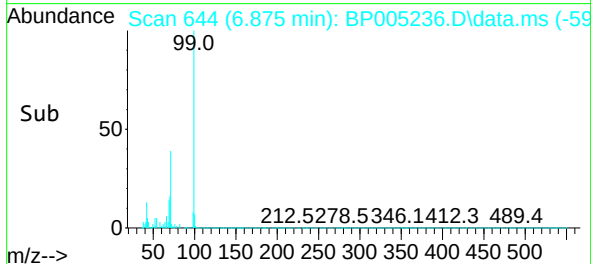
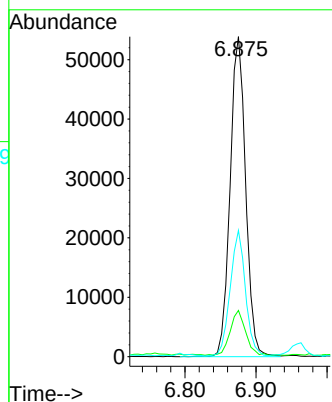
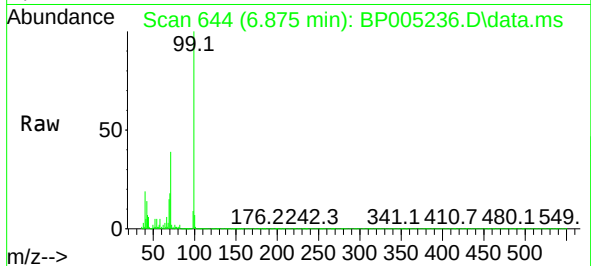




#7
Phenol-d6
Concen: 38.50 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

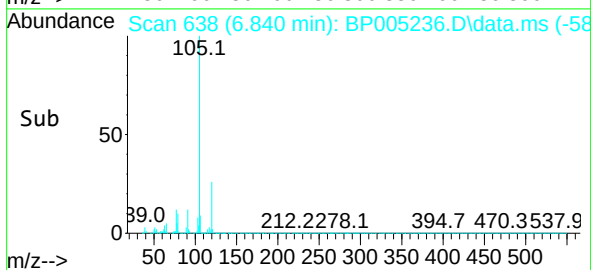
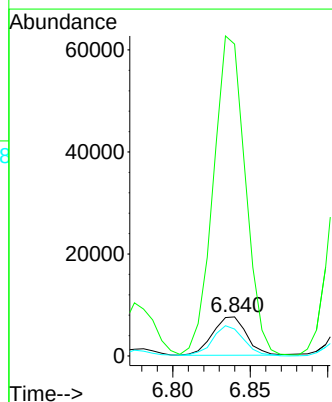
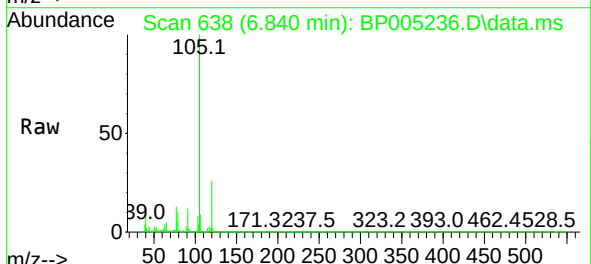
Instrument :
BNA_P
ClientSampled :
BES-12SR

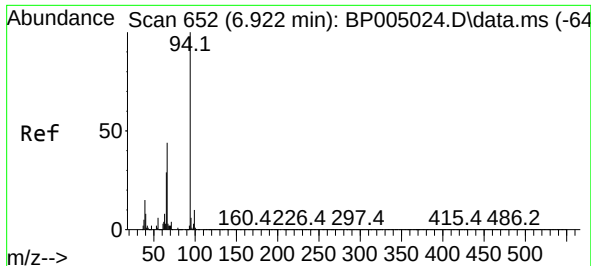
Tgt Ion: 99 Resp: 81839
Ion Ratio Lower Upper
99 100
42 14.5 8.6 13.0#
71 39.4 23.4 35.2#



#9
Benzaldehyde
Concen: 10.58 ng
RT: 6.840 min Scan# 638
Delta R.T. -0.006 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

Tgt Ion: 77 Resp: 11452
Ion Ratio Lower Upper
77 100
105 798.5 97.1 137.1#
106 68.9 93.7 133.7#

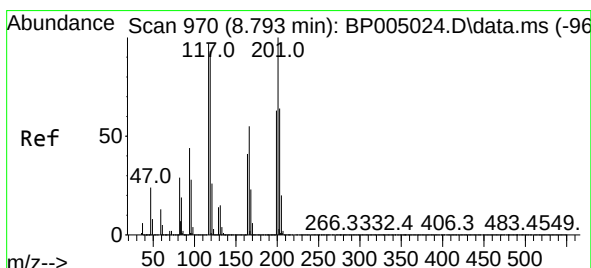
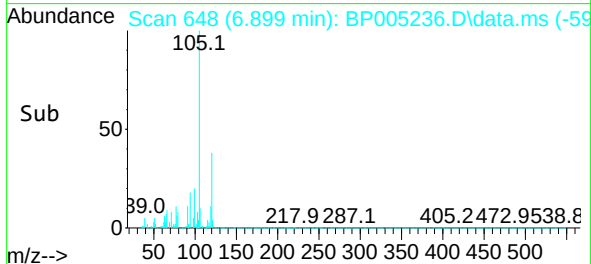
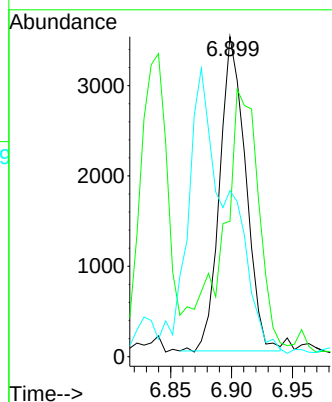
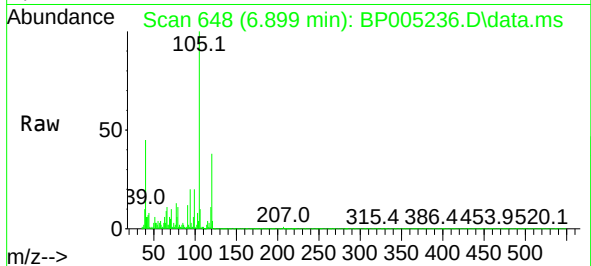




#10
Phenol
Concen: 2.36 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.006 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

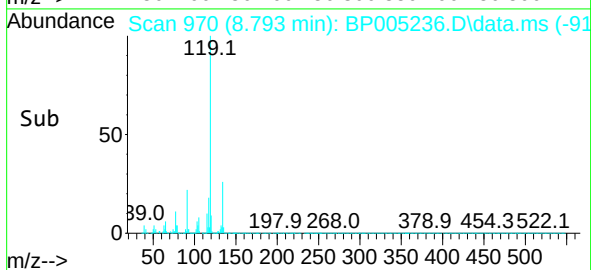
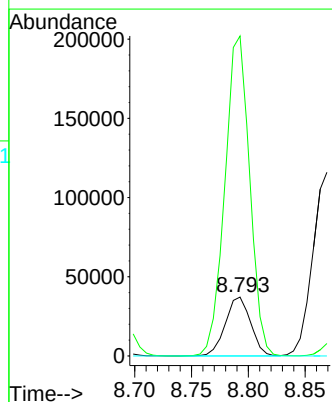
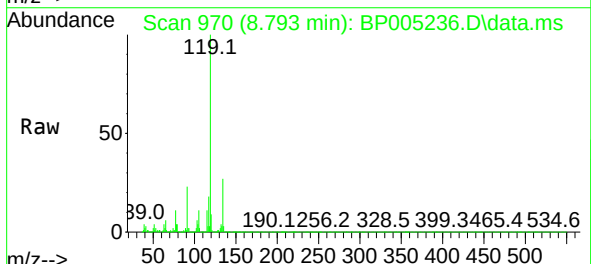
Instrument :
BNA_P
ClientSampleId :
BES-12SR

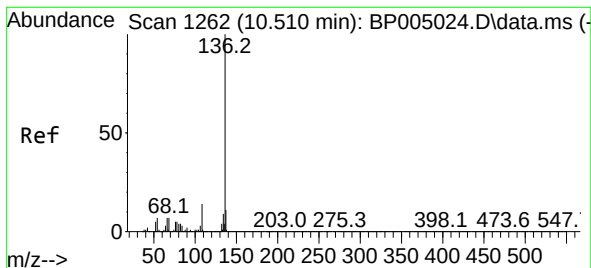
Tgt Ion: 94 Resp: 5151
Ion Ratio Lower Upper
94 100
65 42.4 2.3 42.3#
66 51.9 10.9 50.9#



#18
Hexachloroethane
Concen: 85.79 ng
RT: 8.793 min Scan# 970
Delta R.T. 0.029 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

Tgt Ion: 117 Resp: 57719
Ion Ratio Lower Upper
117 100
119 543.0 78.8 118.2#
201 0.0 92.3 138.5#

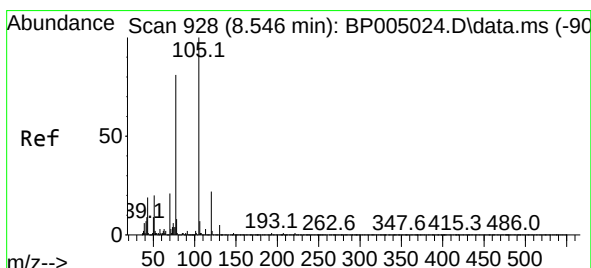
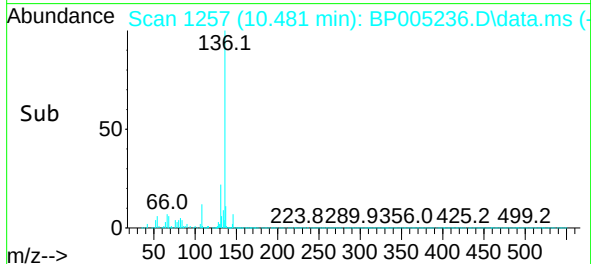
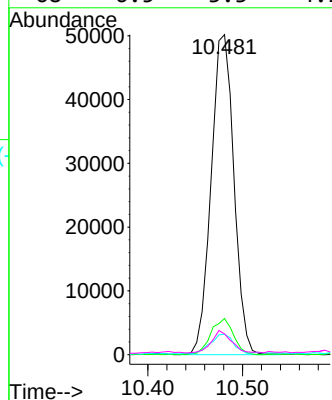
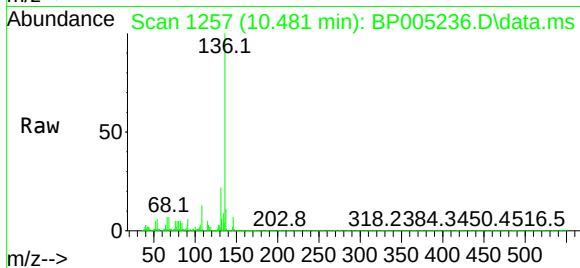




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

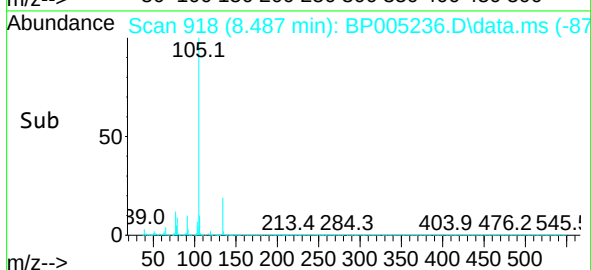
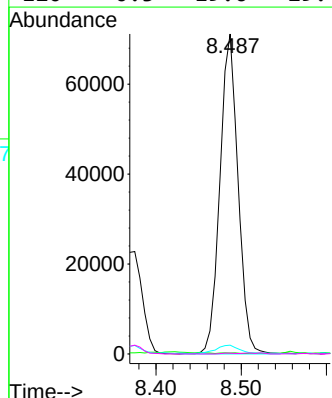
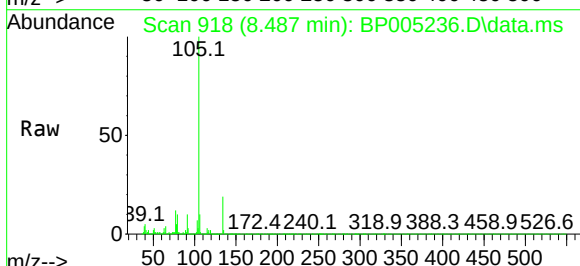
Instrument :
BNA_P
ClientSampleId :
BES-12SR

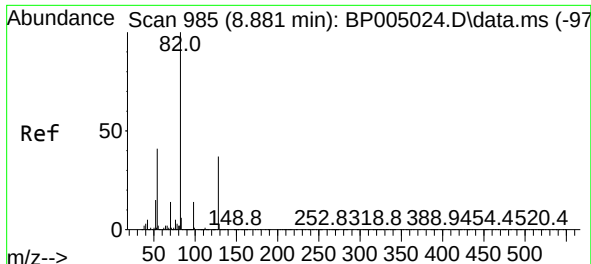
Tgt Ion:	136	Resp:	83868
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	6.4	3.6	5.4#
68	6.5	3.3	4.9#



#22
Acetophenone
Concen: 43.54 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.035 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

Tgt Ion:	105	Resp:	104990
Ion Ratio	Lower	Upper	
105	100		
71	0.3	2.6	3.8#
51	2.8	13.5	20.3#
120	0.3	19.6	29.4#





#23

Nitrobenzene-d5

Concen: 95.81 ng

RT: 8.852 min Scan# 980

Delta R.T. -0.006 min

Lab File: BP005236.D

Acq: 08 Apr 2021 15:17

Instrument :

BNA_P

ClientSampleId :

BES-12SR

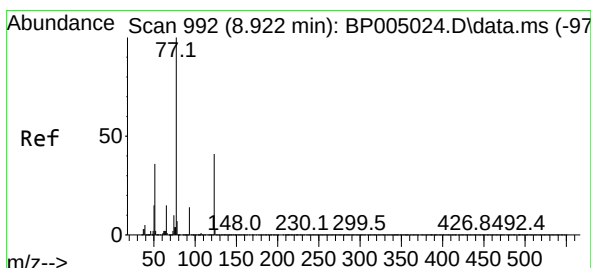
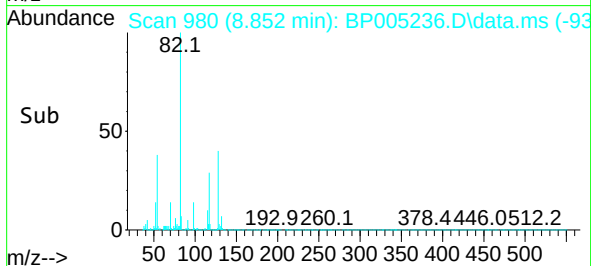
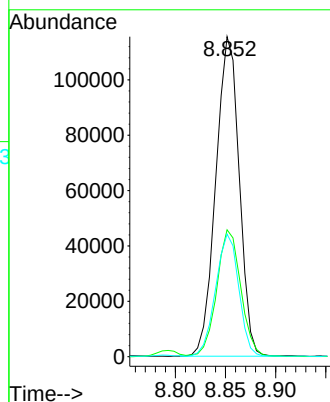
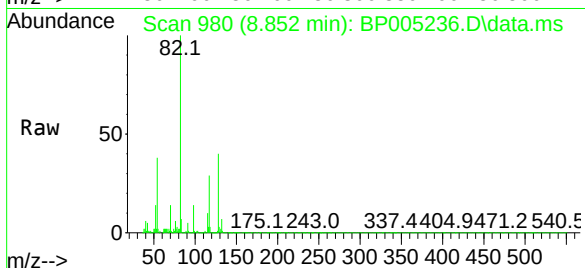
Tgt Ion: 82 Resp: 187266

Ion Ratio Lower Upper

82 100

128 39.7 45.6 68.4#

54 38.3 30.1 45.1



#24

Nitrobenzene

Concen: 6.13 ng

RT: 8.869 min Scan# 983

Delta R.T. -0.029 min

Lab File: BP005236.D

Acq: 08 Apr 2021 15:17

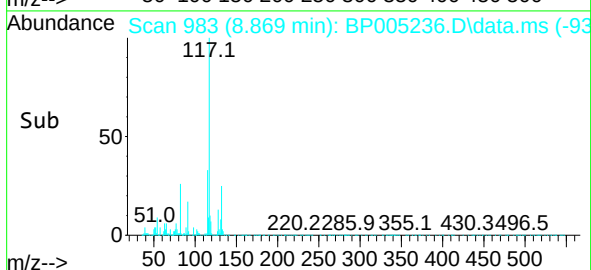
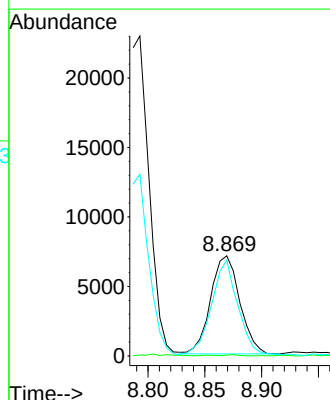
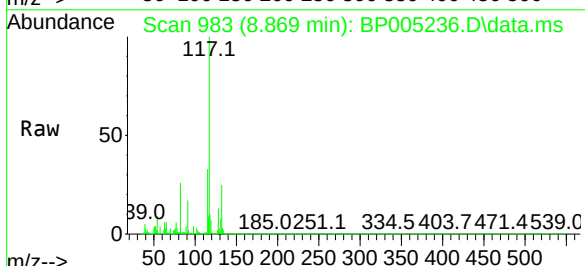
Tgt Ion: 77 Resp: 12627

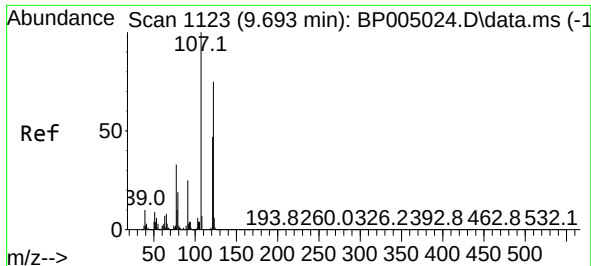
Ion Ratio Lower Upper

77 100

123 0.9 48.6 72.8#

65 95.7 10.0 15.0#

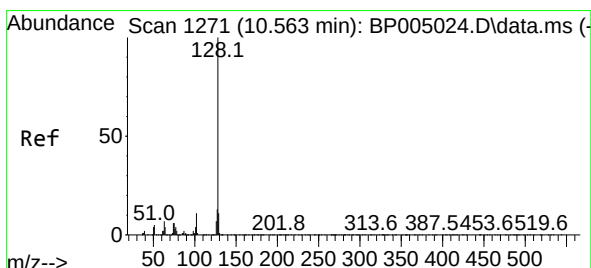
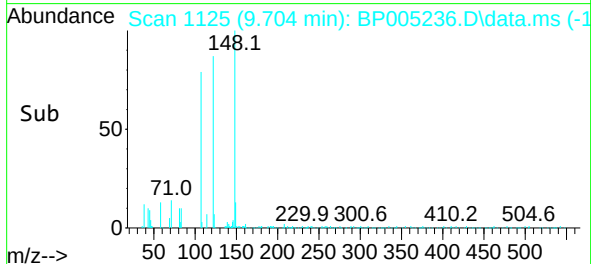
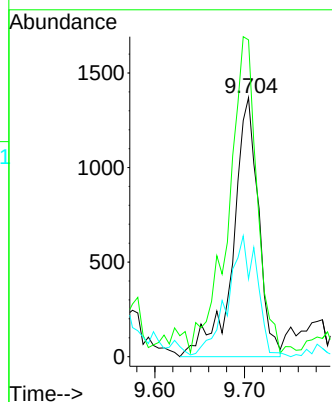
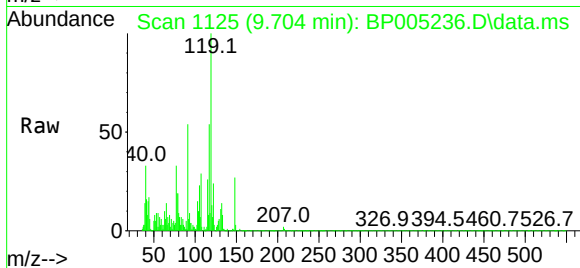




#27
2,4-Dimethylphenol
Concen: 2.10 ng
RT: 9.704 min Scan# 1125
Delta R.T. 0.035 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

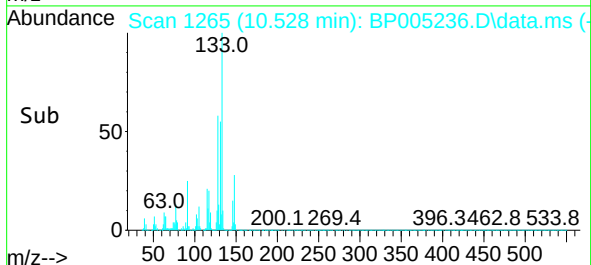
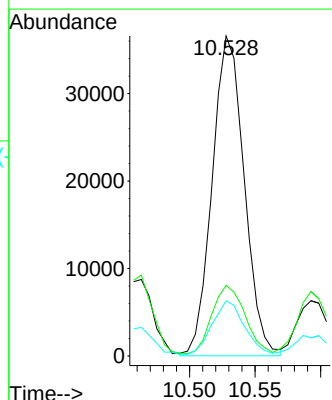
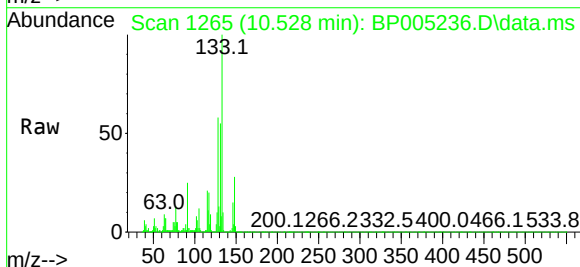
Instrument :
BNA_P
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BES-12SR

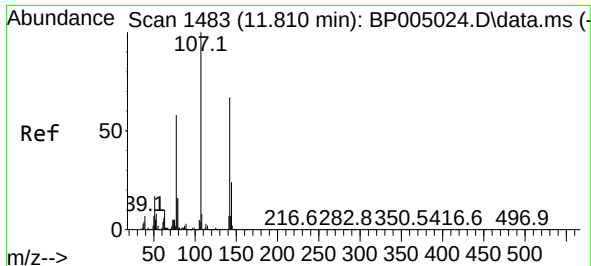
Tgt Ion:122 Resp: 2702
Ion Ratio Lower Upper
122 100
107 122.3 87.3 130.9
121 30.0 47.3 70.9#



#31
Naphthalene
Concen: 13.11 ng
RT: 10.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

Tgt Ion:128 Resp: 62099
Ion Ratio Lower Upper
128 100
129 22.0 8.8 13.2#
127 17.2 10.6 15.8#

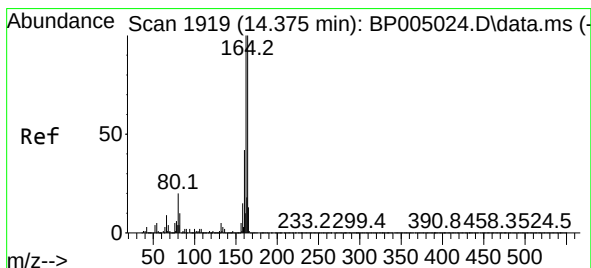
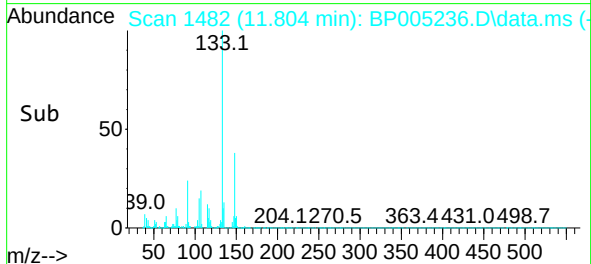
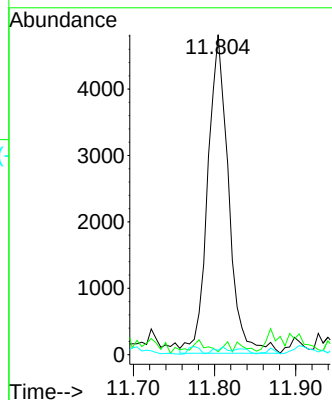
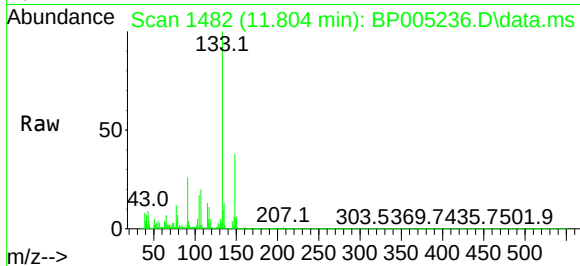




#36
4-Chloro-3-methylphenol
Concen: 4.93 ng
RT: 11.804 min Scan# 1482
Delta R.T. 0.012 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

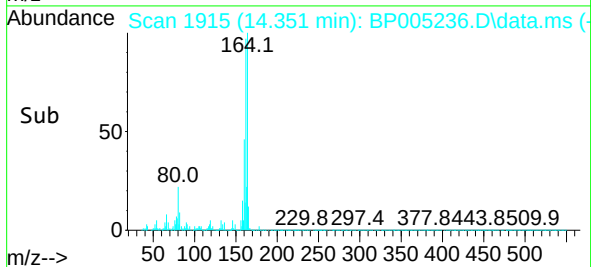
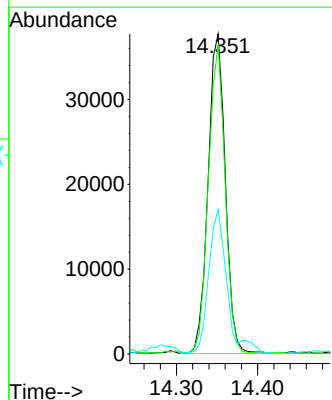
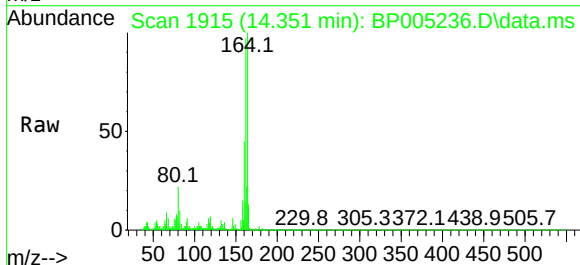
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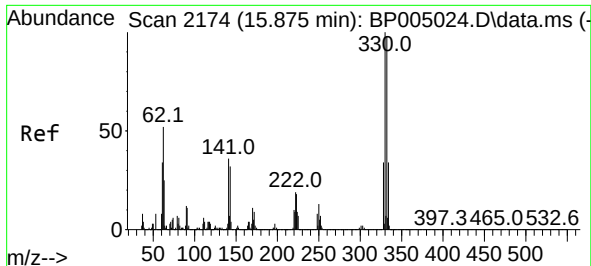
Tgt Ion:107 Resp: 8557
Ion Ratio Lower Upper
107 100
144 1.0 22.7 34.1#
142 1.3 70.7 106.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

Tgt Ion:164 Resp: 55462
Ion Ratio Lower Upper
164 100
162 96.7 79.4 119.2
160 45.1 36.1 54.1

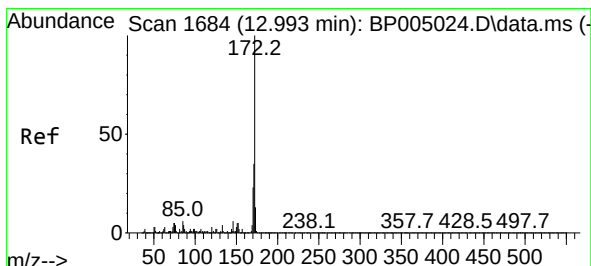
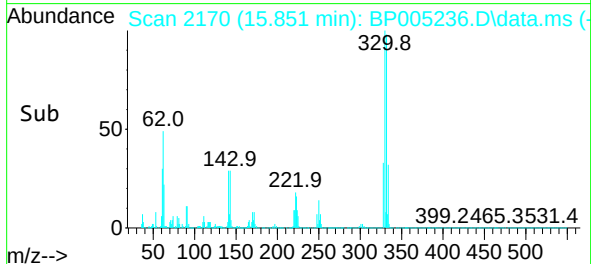
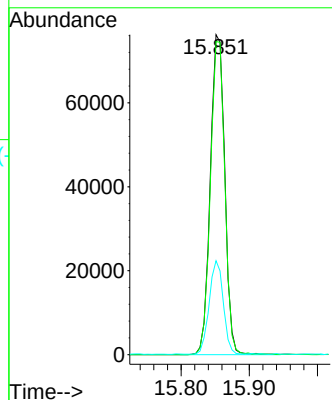
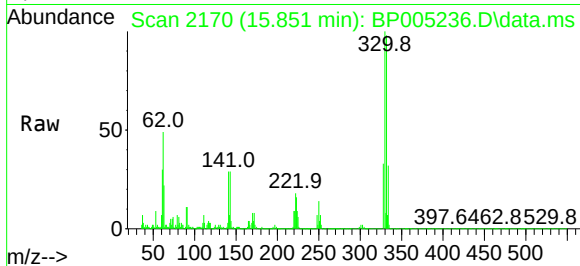




#42
2,4,6-Tribromophenol
Concen: 155.39 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

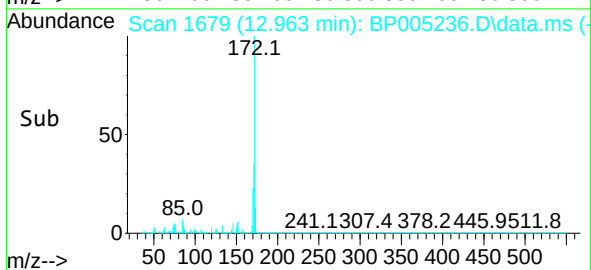
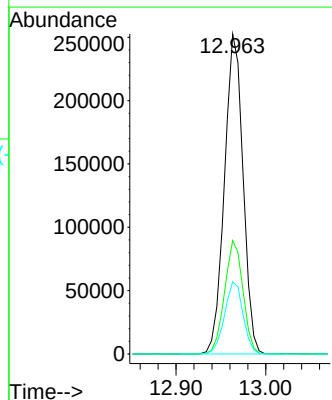
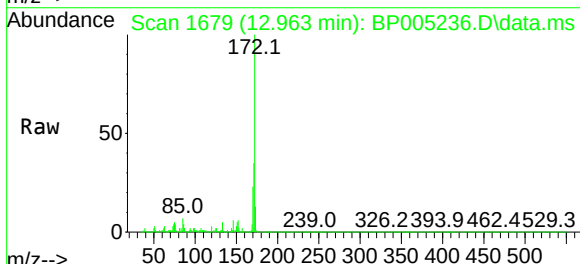
Instrument :
BNA_P
ClientSampleId :
BES-12SR

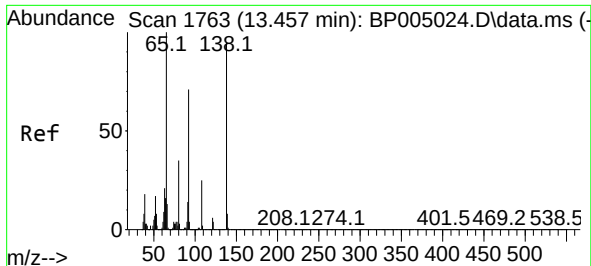
Tgt Ion:330 Resp: 112290
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 28.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 88.56 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

Tgt Ion:172 Resp: 363095
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.6 19.2 28.8

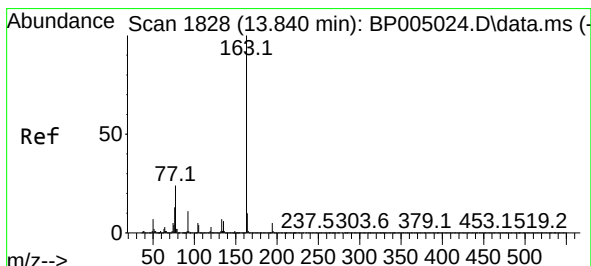
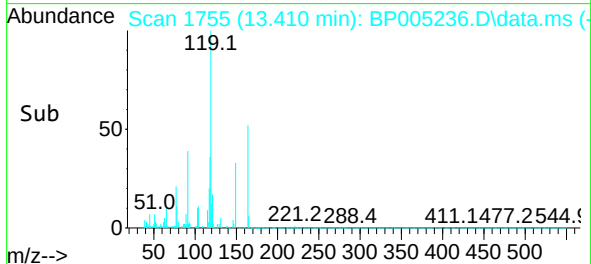
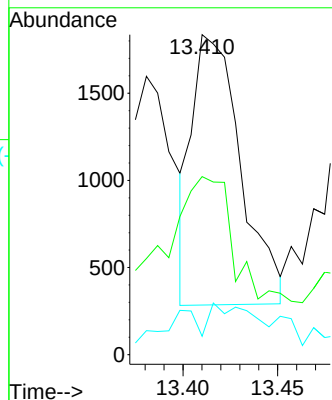
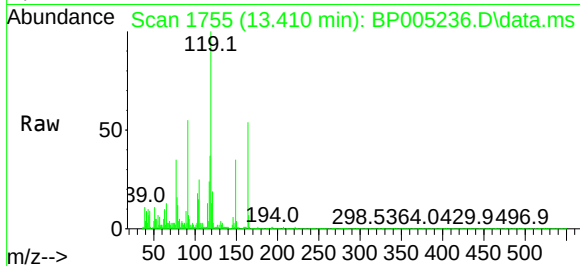




#48
2-Nitroaniline
Concen: 2.52 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.023 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

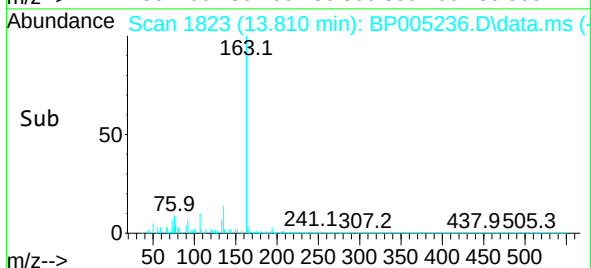
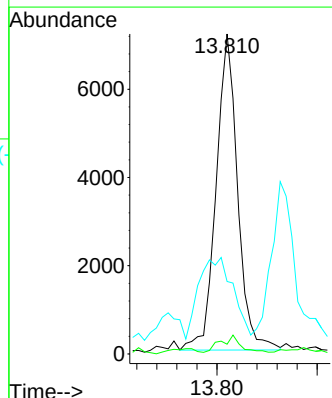
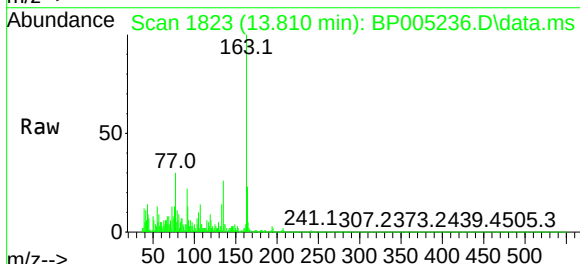
Instrument :
BNA_P
ClientSampled :
BES-12SR

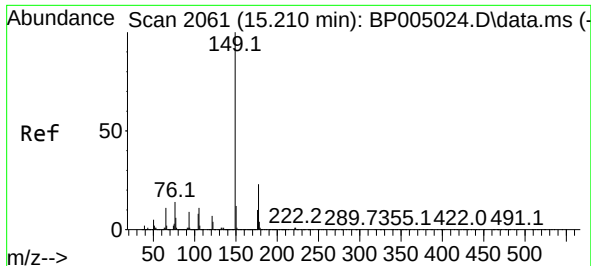
Tgt Ion: 65 Resp: 2769
Ion Ratio Lower Upper
65 100
92 55.7 70.6 106.0#
138 5.8 133.6 200.4#



#50
Dimethylphthalate
Concen: 2.50 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

Tgt Ion: 163 Resp: 10675
Ion Ratio Lower Upper
163 100
194 3.0 3.3 4.9#
164 22.6 8.2 12.2#

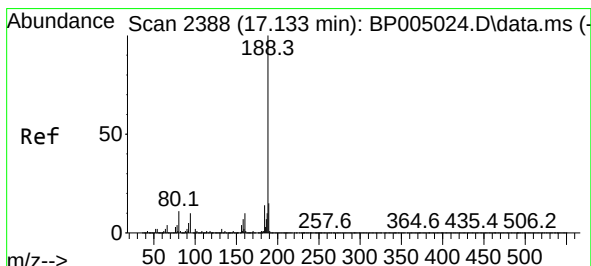
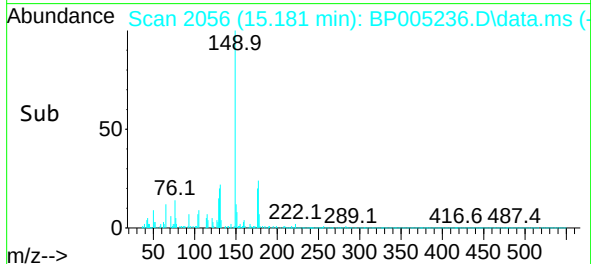
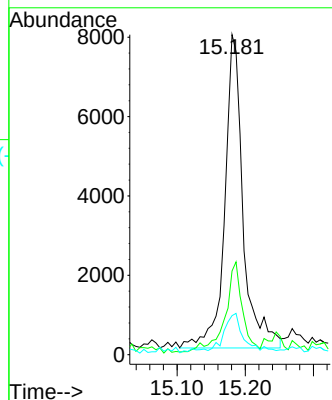
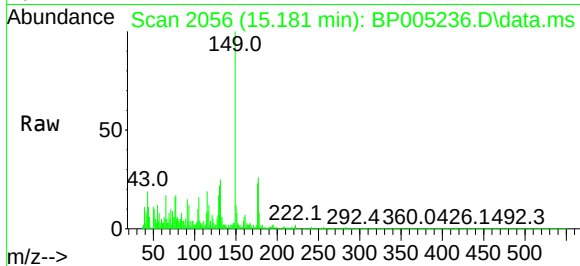




#60
Diethylphthalate
Concen: 3.55 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

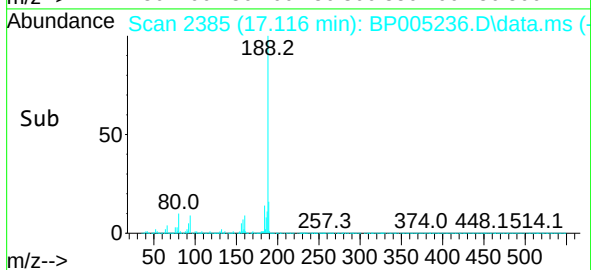
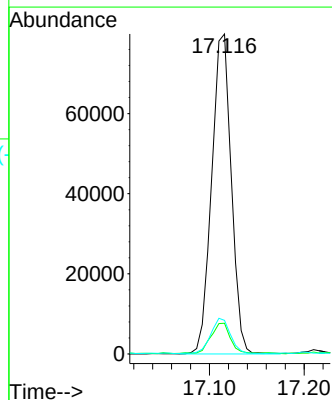
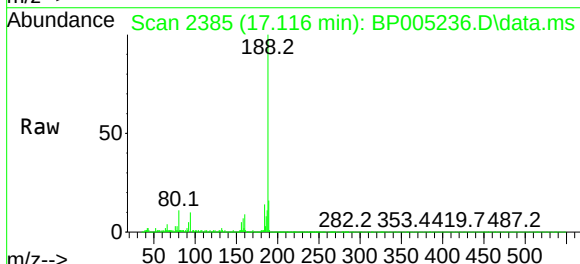
Instrument :
BNA_P
ClientSampleId :
BES-12SR

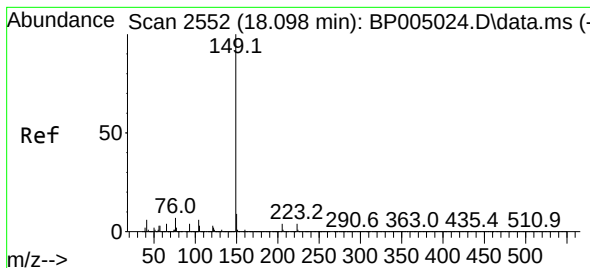
Tgt Ion:149 Resp: 14825
Ion Ratio Lower Upper
149 100
177 26.1 18.0 27.0
150 12.2 10.0 15.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

Tgt Ion:188 Resp: 115045
Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.2#
80 10.5 6.2 9.2#





#74

Di-n-butylphthalate

Concen: 177.94 ng

RT: 18.257 min Scan# 2579

Delta R.T. 0.177 min

Lab File: BP005236.D

Acq: 08 Apr 2021 15:17

Instrument :

BNA_P

ClientSampleId :

BES-12SR

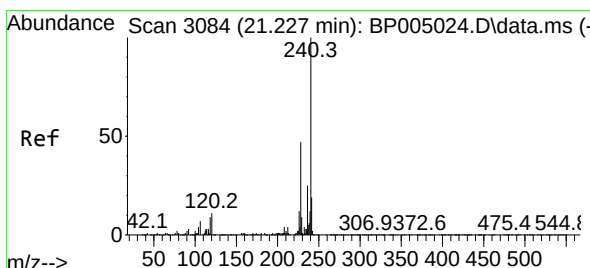
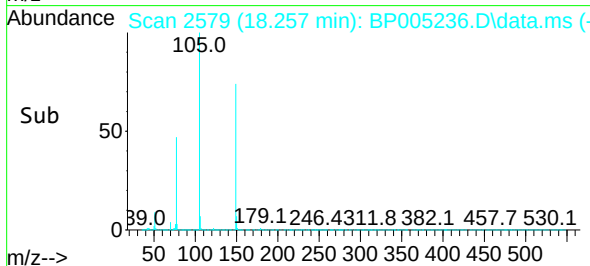
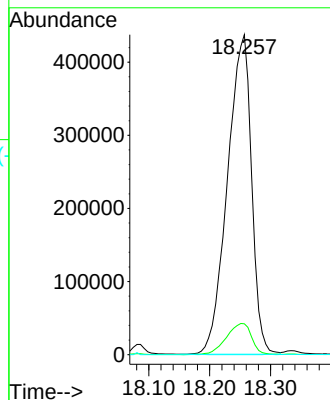
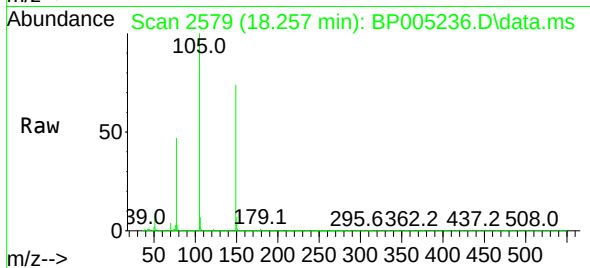
Tgt Ion:149 Resp: 1198747

Ion Ratio Lower Upper

149 100

150 9.7 7.3 10.9

104 0.0 3.4 5.0#



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.216 min Scan# 3082

Delta R.T. 0.000 min

Lab File: BP005236.D

Acq: 08 Apr 2021 15:17

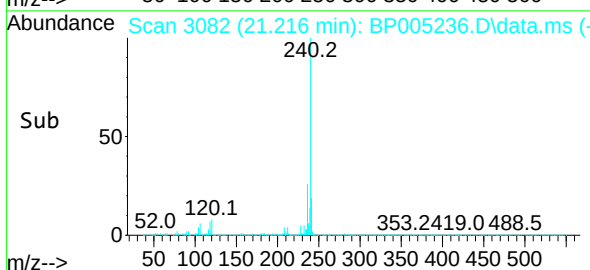
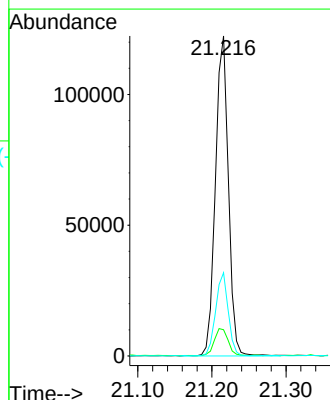
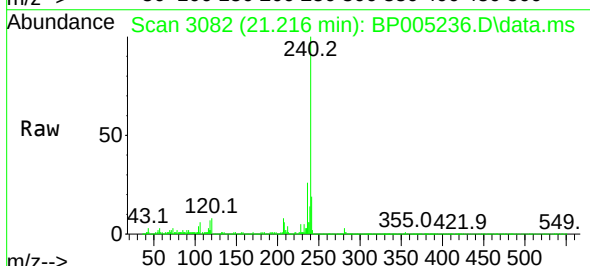
Tgt Ion:240 Resp: 148350

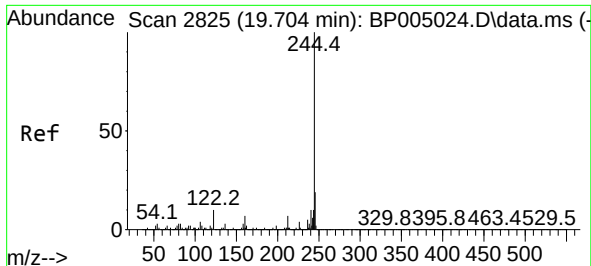
Ion Ratio Lower Upper

240 100

120 8.2 7.8 11.6

236 26.0 20.8 31.2

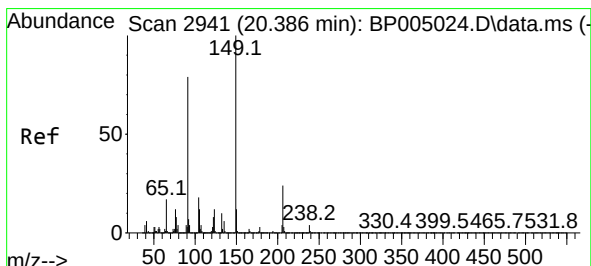
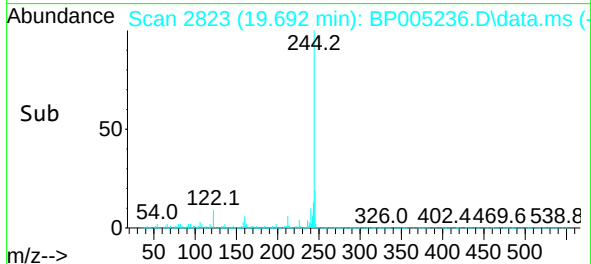
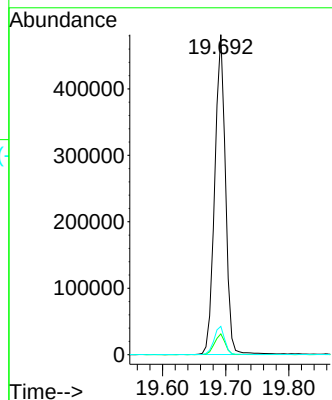
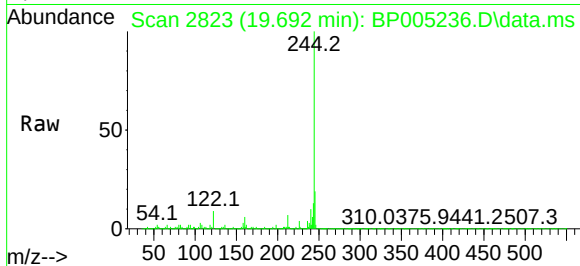




#79
 Terphenyl-d14
 Concen: 69.70 ng
 RT: 19.692 min Scan# 2823
 Delta R.T. 0.006 min
 Lab File: BP005236.D
 Acq: 08 Apr 2021 15:17

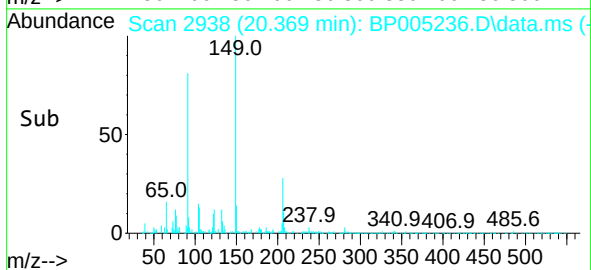
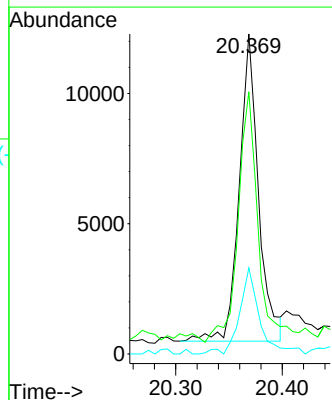
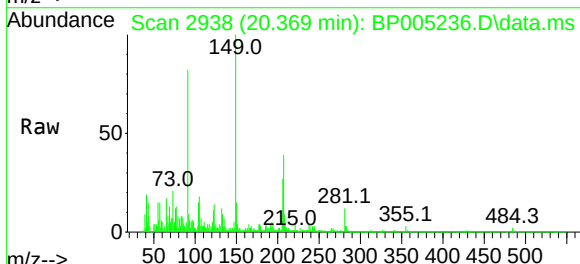
Instrument :
 BNA_P
 ClientSampleId :
 BES-12SR

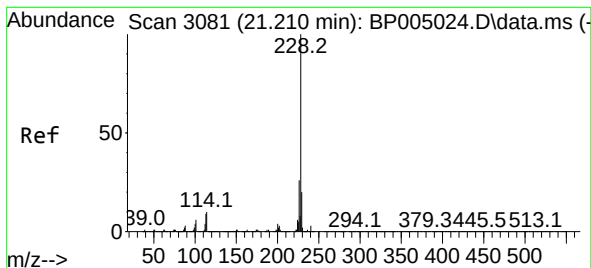
Tgt Ion:244 Resp: 567969
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 8.8 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 3.93 ng
 RT: 20.369 min Scan# 2938
 Delta R.T. 0.006 min
 Lab File: BP005236.D
 Acq: 08 Apr 2021 15:17

Tgt Ion:149 Resp: 14857
 Ion Ratio Lower Upper
 149 100
 91 81.9 45.4 68.0#
 206 26.9 17.1 25.7#





#81

Benzo(a)anthracene

Concen: 3.37 ng

RT: 21.198 min Scan# 3079

Delta R.T. 0.000 min

Lab File: BP005236.D

Acq: 08 Apr 2021 15:17

Tgt Ion:228 Resp: 34014

Ion Ratio Lower Upper

228 100

226 29.2 22.1 33.1

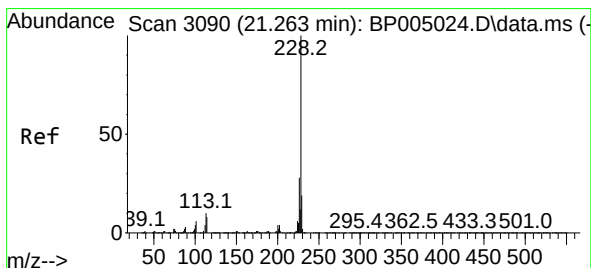
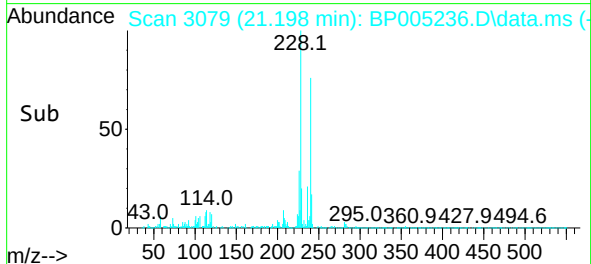
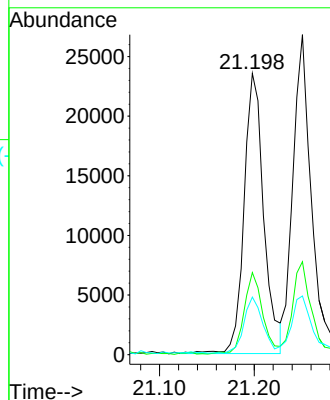
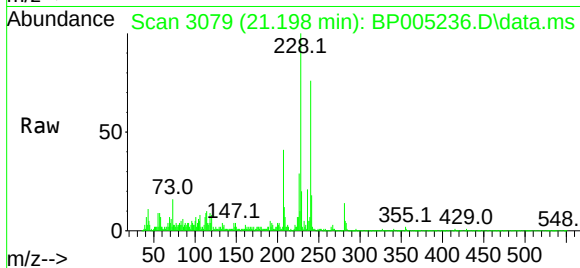
229 20.5 15.9 23.9

Instrument :

BNA_P

ClientSampled :

BES-12SR



#83

Chrysene

Concen: 3.63 ng

RT: 21.251 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BP005236.D

Acq: 08 Apr 2021 15:17

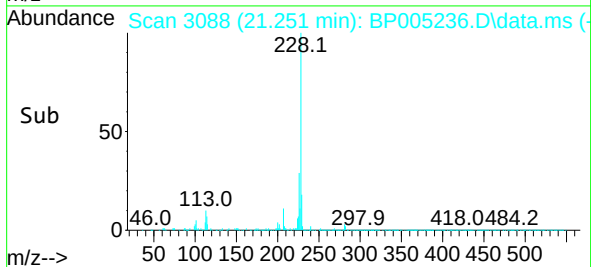
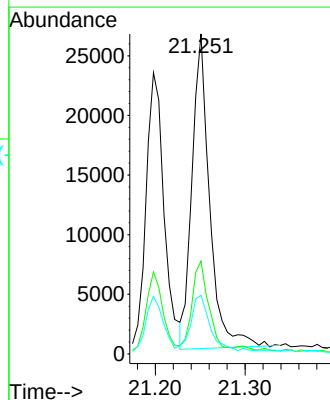
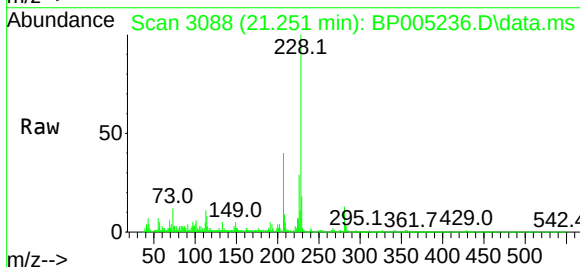
Tgt Ion:228 Resp: 35930

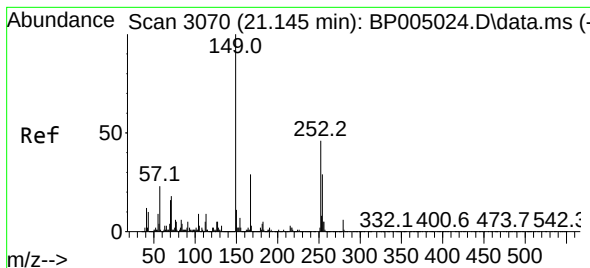
Ion Ratio Lower Upper

228 100

226 29.0 24.4 36.6

229 18.4 15.8 23.6

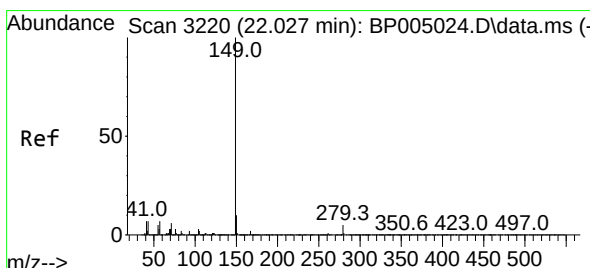
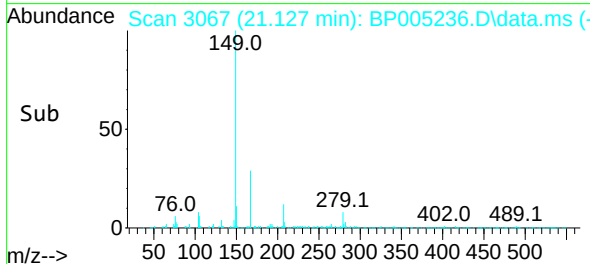
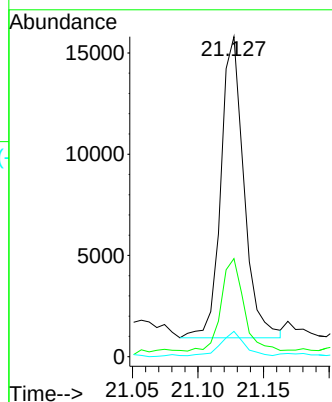
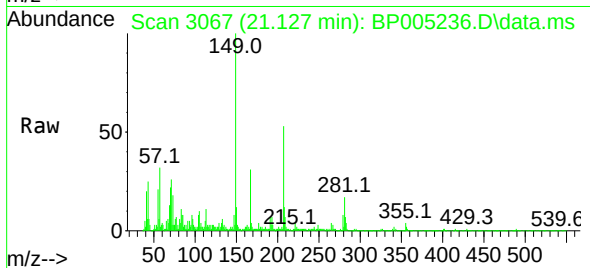




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.28 ng
RT: 21.127 min Scan# 3067
Delta R.T. 0.006 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

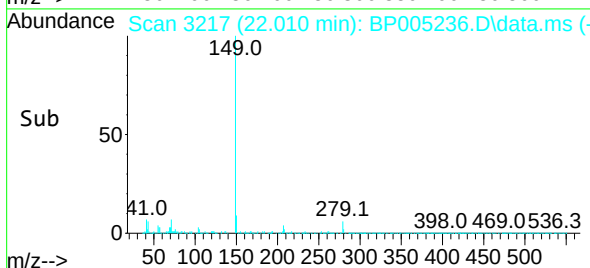
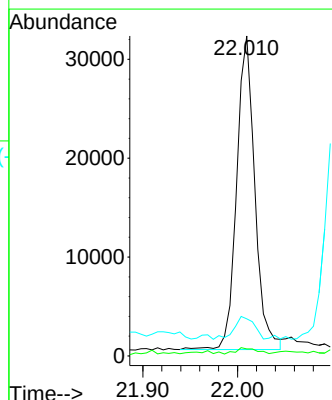
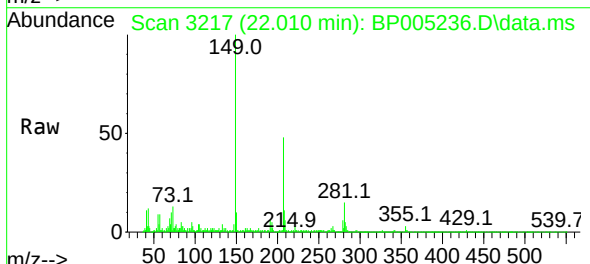
Instrument :
BNA_P
ClientSampleId :
BES-12SR

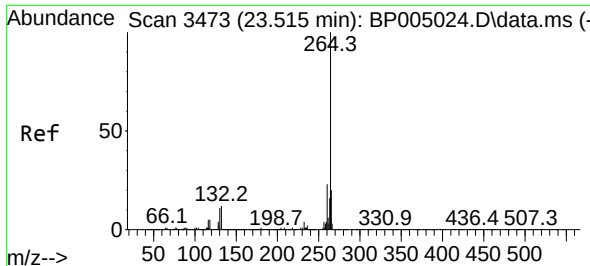
Tgt Ion:149 Resp: 18199
Ion Ratio Lower Upper
149 100
167 30.7 22.6 34.0
279 7.9 4.2 6.2#



#85
Di-n-octyl phthalate
Concen: 4.52 ng
RT: 22.010 min Scan# 3217
Delta R.T. 0.000 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

Tgt Ion:149 Resp: 42308
Ion Ratio Lower Upper
149 100
167 2.3 1.3 1.9#
43 8.1 3.7 5.5#

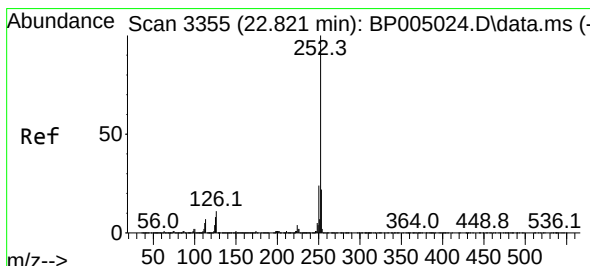
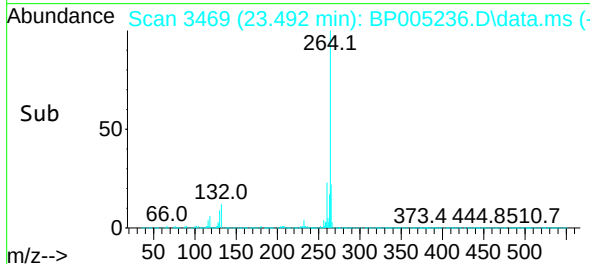
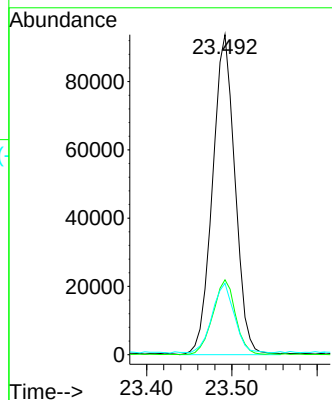
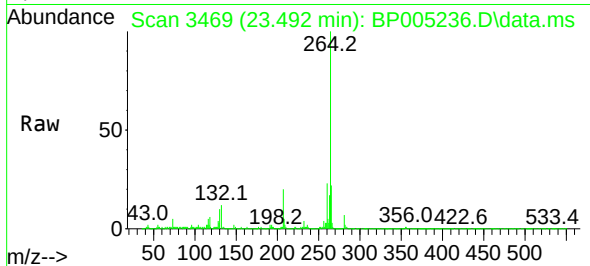




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.492 min Scan# 3469
Delta R.T. 0.000 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

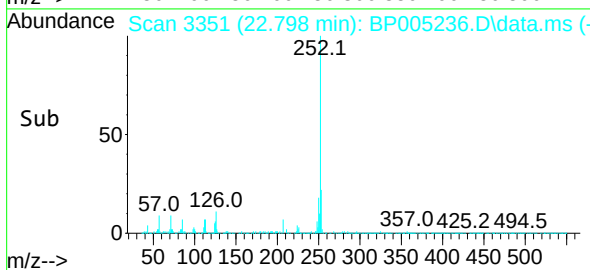
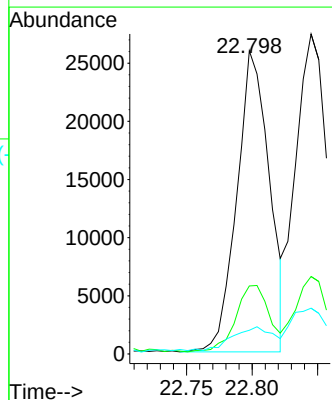
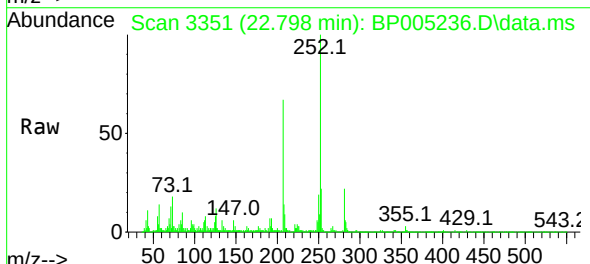
Instrument :
BNA_P
ClientSampleId :
BES-12SR

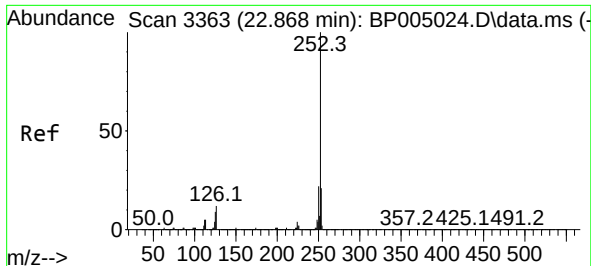
Tgt Ion:	264	Resp:	171823
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.8	28.2
265	22.3	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 3.66 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.006 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

Tgt Ion:	252	Resp:	44633
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	7.8	7.3	10.9

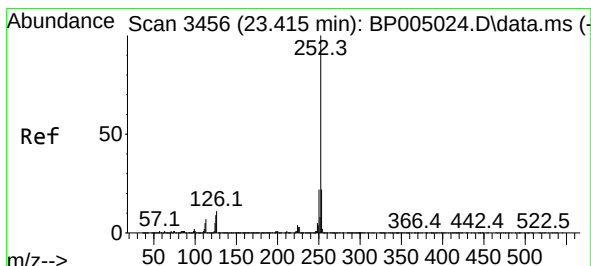
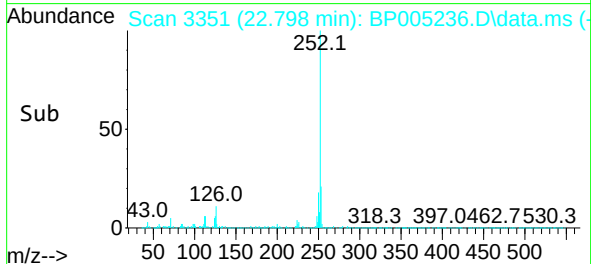
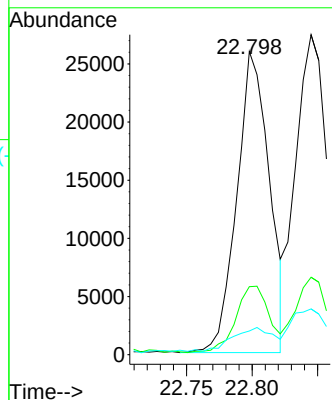
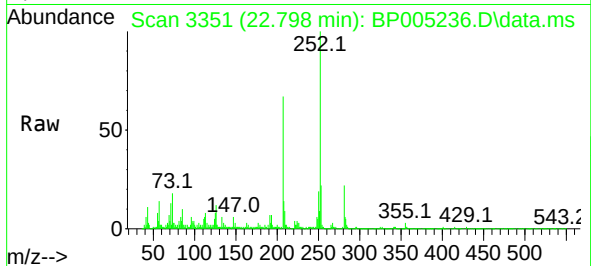




#89
Benzo(k)fluoranthene
Concen: 3.82 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.053 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

Instrument :
BNA_P
ClientSampleId :
BES-12SR

Tgt Ion:252 Resp: 44633
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 7.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 3.57 ng
RT: 23.392 min Scan# 3452
Delta R.T. 0.000 min
Lab File: BP005236.D
Acq: 08 Apr 2021 15:17

Tgt Ion:252 Resp: 39045
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.4 8.2 12.4

