

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013206.D
 Acq On : 18 Dec 2020 05:43
 Operator : CG/JU
 Sample : L4960-05DL 20X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BES-12SRDL

Quant Time: Dec 18 06:22:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 12:34:52 2020
 Response via : Initial Calibration

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

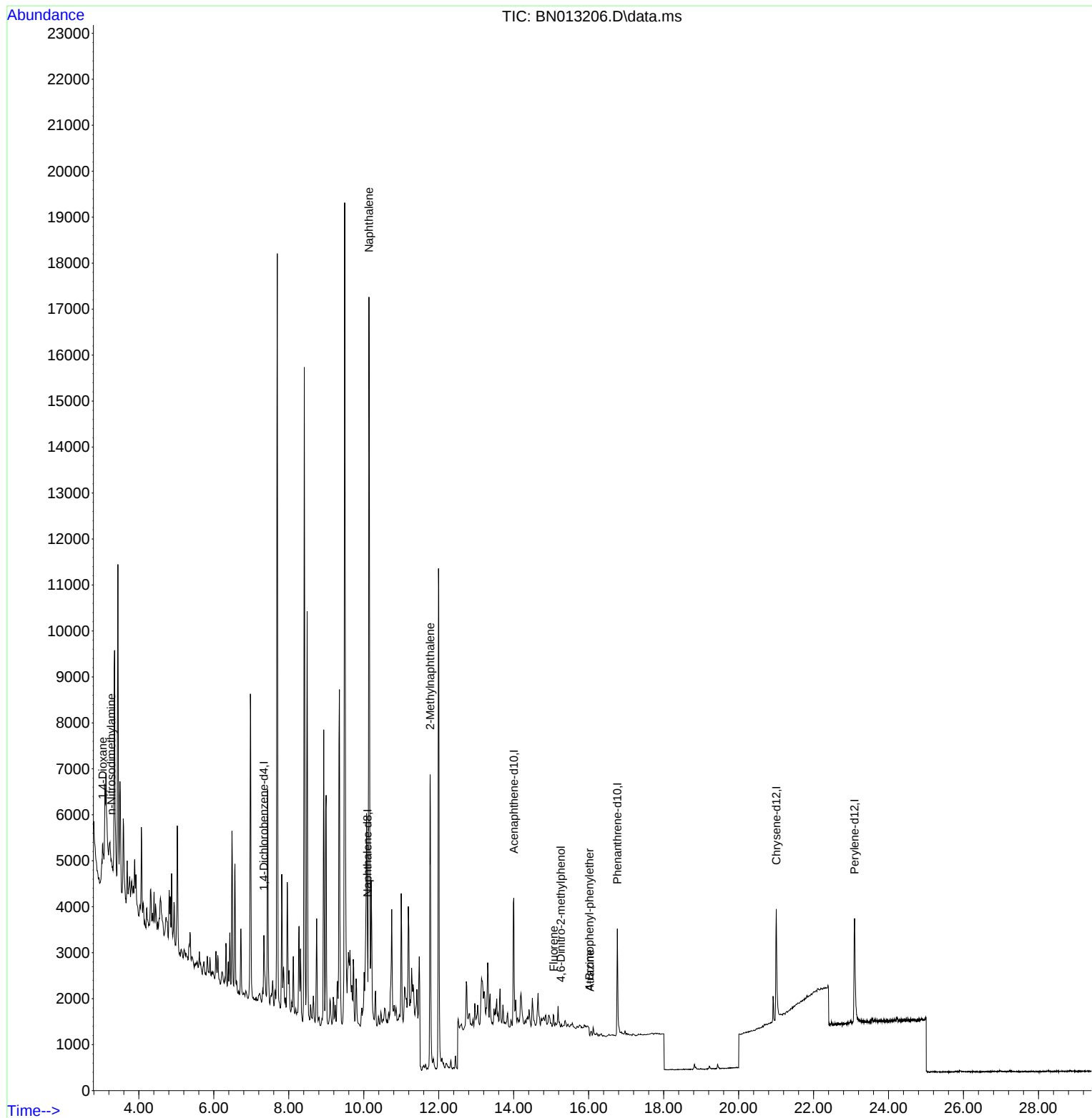
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	809	0.40	ng	0.00
7) Naphthalene-d8	10.099	136	2579	0.40	ng	-0.01
13) Acenaphthene-d10	14.003	164	1999	0.40	ng	0.00
19) Phenanthrene-d10	16.763	188	3655	0.40	ng	#-0.01
29) Chrysene-d12	21.006	240	3455	0.40	ng	# 0.00
36) Perylene-d12	23.092	264	3839	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.946	112	37	0.01	ng	-0.02
5) Phenol-d6	6.565	99	49	0.01	ng	0.02
8) Nitrobenzene-d5	8.515	82	41	0.02	ng	0.00
11) 2-Methylnaphthalene-d10	11.697	152	66	0.01	ng	-0.03
14) 2,4,6-Tribromophenol	15.526	330	12	0.01	ng	-0.01
15) 2-Fluorobiphenyl	12.608	172	112	0.01	ng	-0.03
27) Fluoranthene-d10	18.821	212	167	0.01	ng	0.00
31) Terphenyl-d14	19.441	244	152	0.02	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.037	88	141	0.10	ng	# 24
3) n-Nitrosodimethylamine	3.263	42	150	0.06	ng	# 17
9) Naphthalene	10.137	128	18862	2.39	ng	97
12) 2-Methylnaphthalene	11.773	142	5027	0.94	ng	97
18) Fluorene	15.069	166	188	0.02	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.260	198	3	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	136	0.19	ng	# 67
23) Atrazine	16.033	200	205	0.09	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.921	149	516	Below Cal		# 99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
Data File : BN013206.D
Acq On : 18 Dec 2020 05:43
Operator : CG/JU
Sample : L4960-05DL 20X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BES-12SRDL

Quant Time: Dec 18 06:22:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration

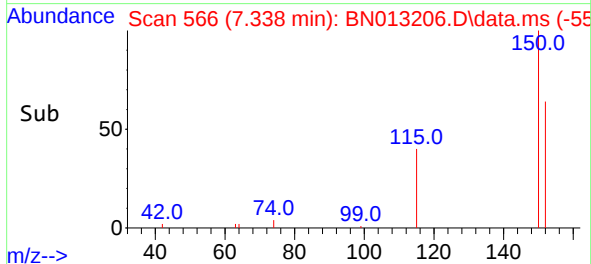
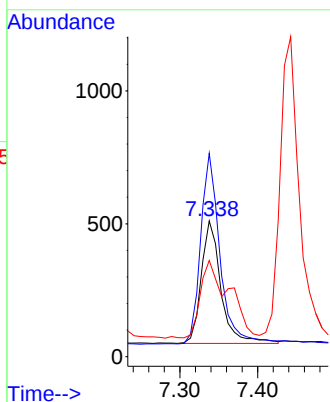
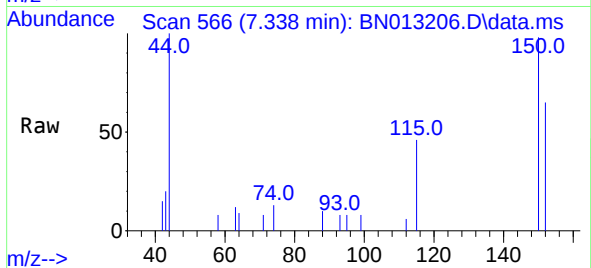




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

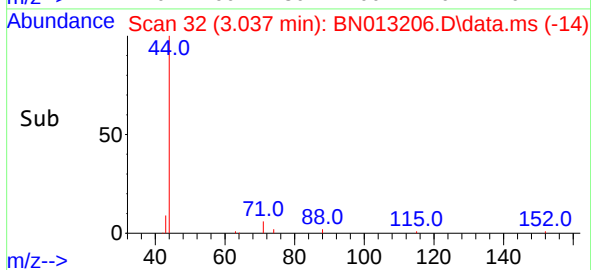
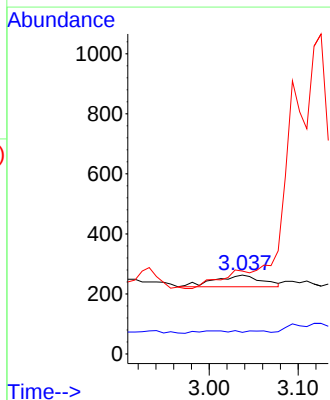
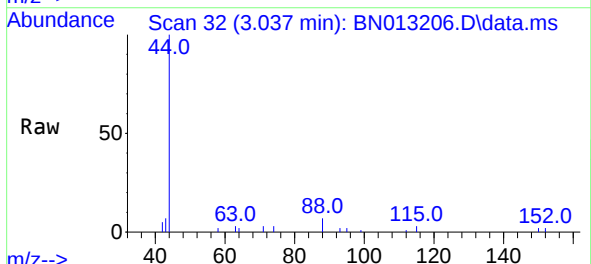
Instrument :
BNA_N
ClientSampled :
BES-12SRDL

Tgt Ion:152 Resp: 809
Ion Ratio Lower Upper
152 100
150 149.7 116.6 174.8
115 70.8 52.9 79.3



#2
1,4-Dioxane
Concen: 0.10 ng
RT: 3.037 min Scan# 32
Delta R.T. 0.097 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

Tgt Ion: 88 Resp: 141
Ion Ratio Lower Upper
88 100
58 5.0 59.4 89.2#
43 0.0 32.3 48.5#

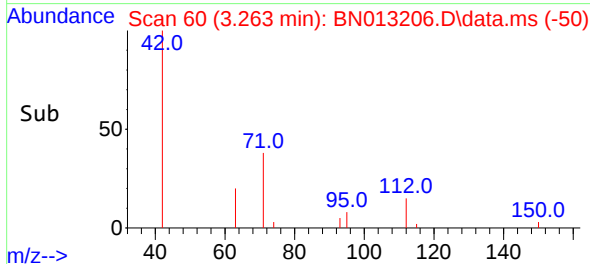
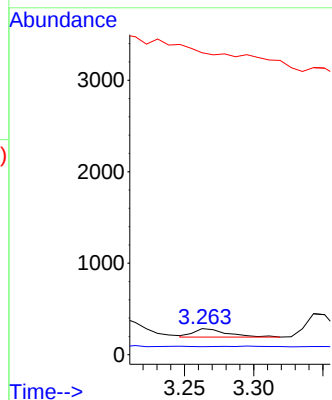
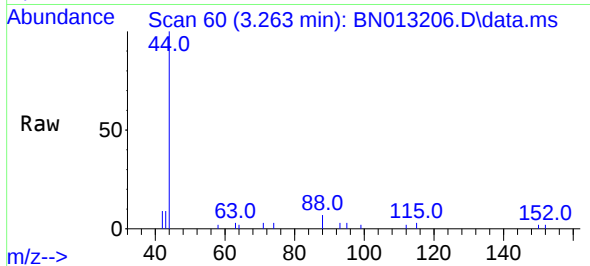




#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.016 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

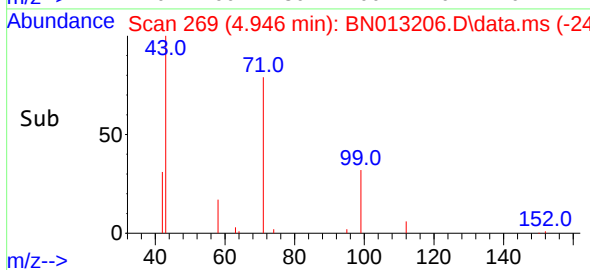
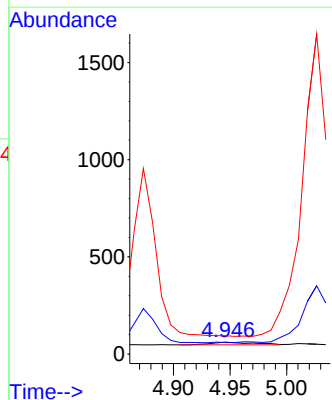
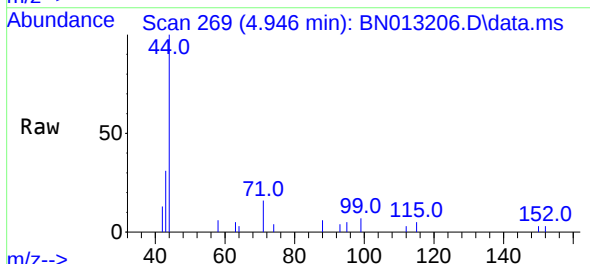
Instrument :
BNA_N
ClientSampleId :
BES-12SRDL

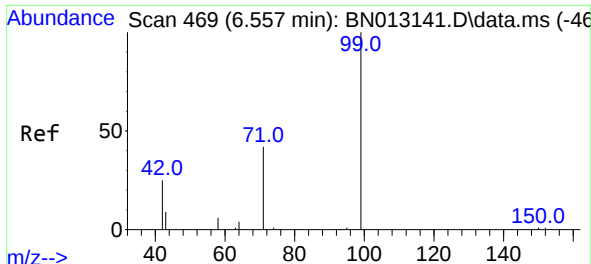
Tgt Ion: 42 Resp: 150
Ion Ratio Lower Upper
42 100
74 4.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.01 ng
RT: 4.946 min Scan# 269
Delta R.T. -0.024 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

Tgt Ion: 112 Resp: 37
Ion Ratio Lower Upper
112 100
64 0.0 49.5 74.3#
63 0.0 32.0 48.0#

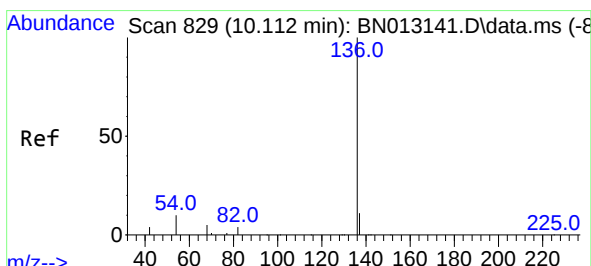
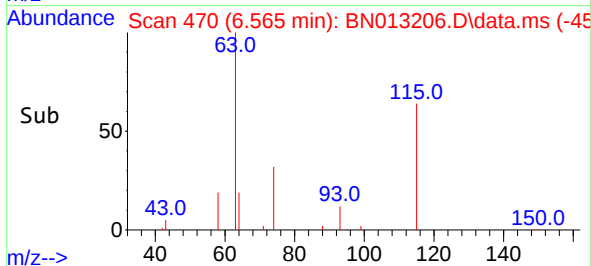
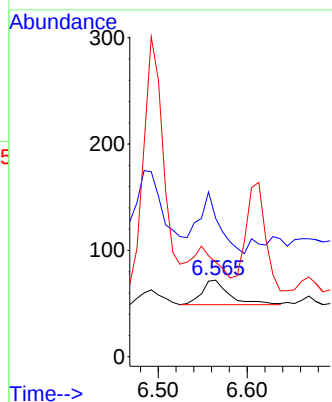
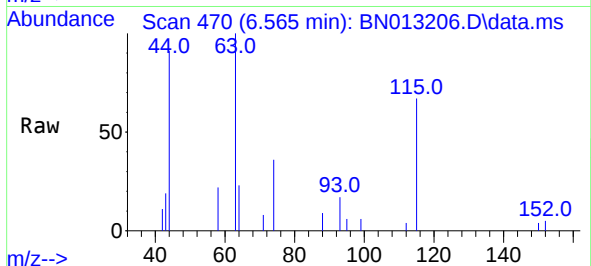




#5
Phenol-d6
Concen: 0.01 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.016 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

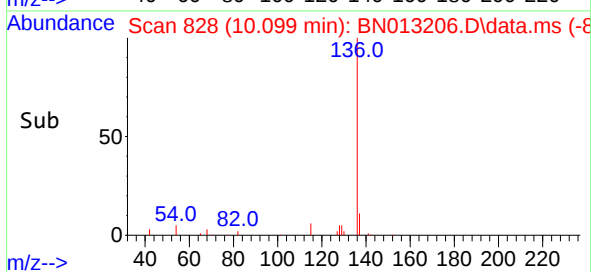
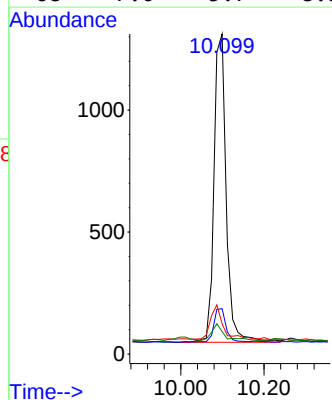
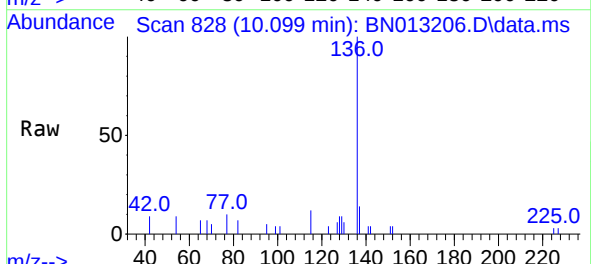
Instrument :
BNA_N
ClientSampleId :
BES-12SRDL

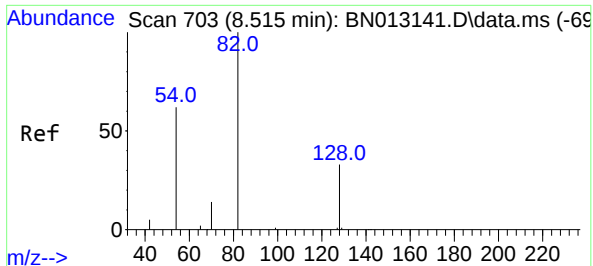
Tgt Ion: 99 Resp: 49
Ion Ratio Lower Upper
99 100
42 185.7 22.4 33.6#
71 149.0 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.099 min Scan# 828
Delta R.T. -0.013 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

Tgt Ion:136 Resp: 2579
Ion Ratio Lower Upper
136 100
137 14.2 10.6 15.8
54 9.5 8.6 12.8
68 7.0 5.7 8.5

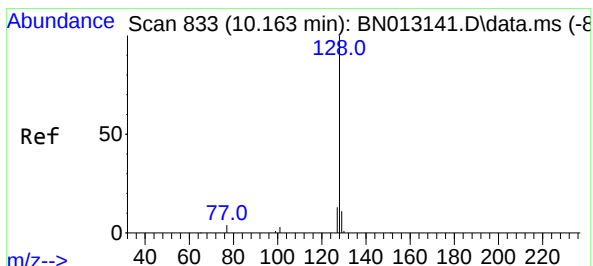
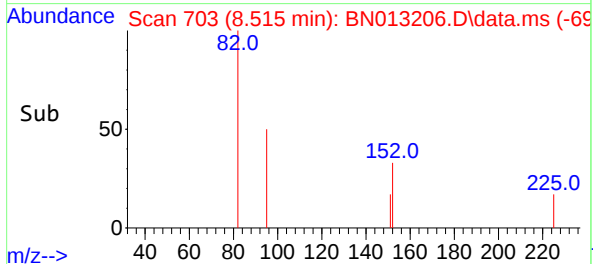
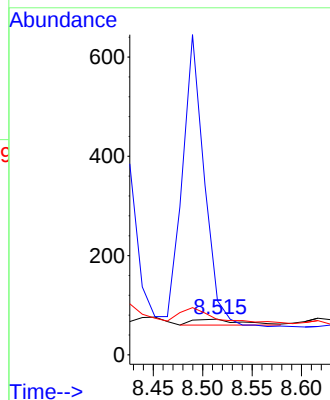
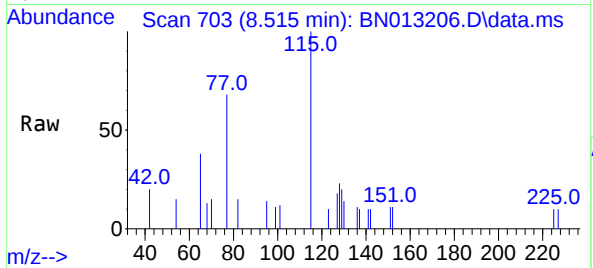




#8
Nitrobenzene-d5
Concen: 0.02 ng
RT: 8.515 min Scan# 703
Delta R.T. 0.000 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

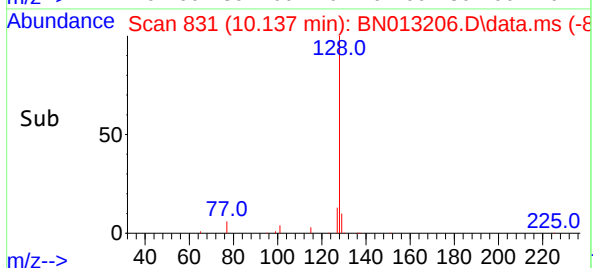
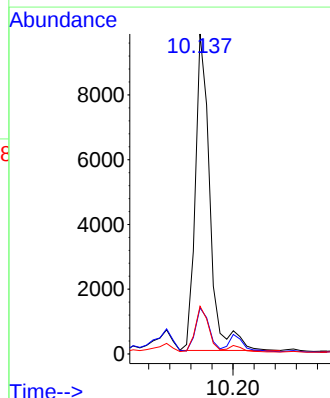
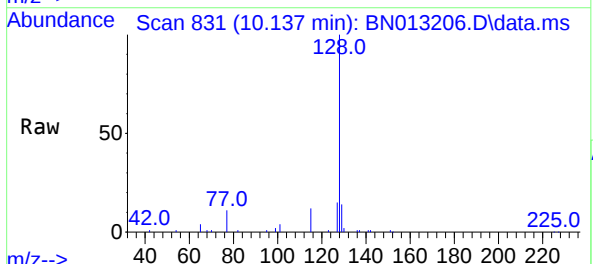
Instrument :
BNA_N
ClientSampleId :
BES-12SRDL

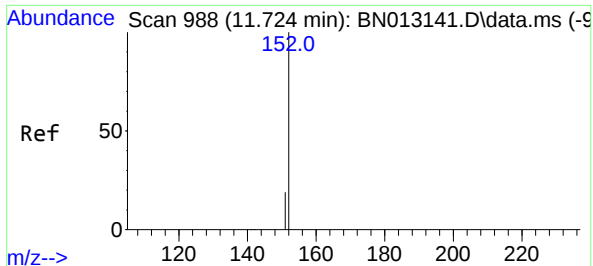
Tgt Ion: 82 Resp: 41
Ion Ratio Lower Upper
82 100
128 151.4 30.6 46.0#
54 98.6 48.3 72.5#



#9
Naphthalene
Concen: 2.39 ng
RT: 10.137 min Scan# 831
Delta R.T. -0.025 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

Tgt Ion: 128 Resp: 18862
Ion Ratio Lower Upper
128 100
129 14.4 9.8 14.8
127 14.9 12.2 18.4

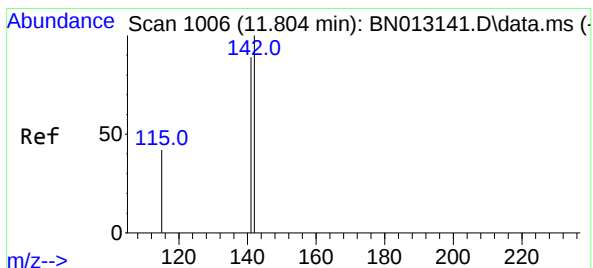
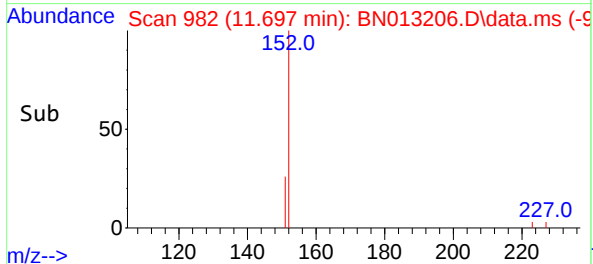
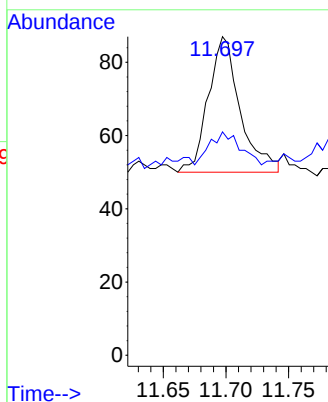
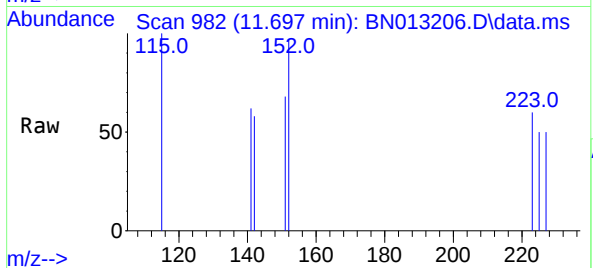




#11
2-Methylnaphthalene-d10
Concen: 0.01 ng
RT: 11.697 min Scan# 982
Delta R.T. -0.031 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

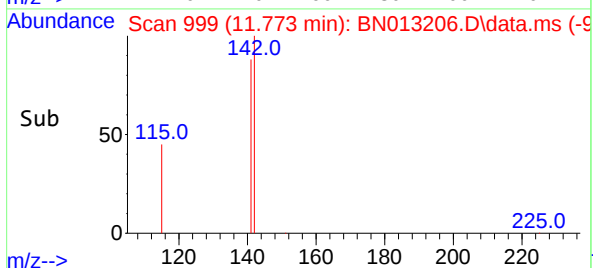
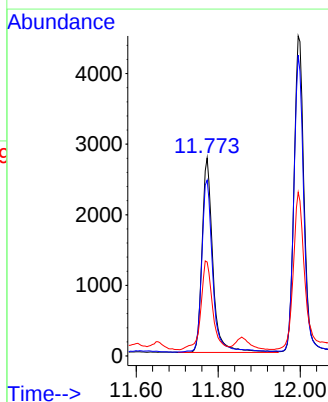
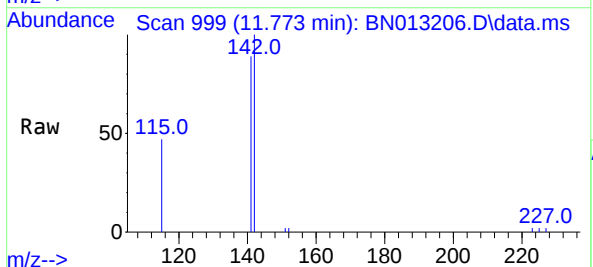
Instrument :
BNA_N
ClientSampleId :
BES-12SRDL

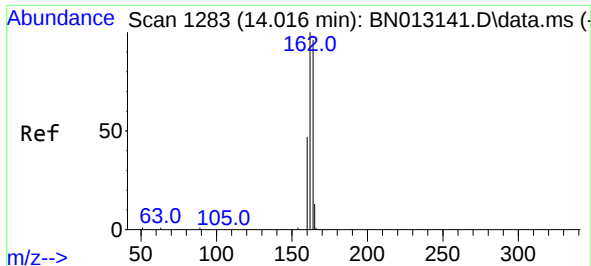
Tgt Ion:152 Resp: 66
Ion Ratio Lower Upper
152 100
151 27.3 16.7 25.1#



#12
2-Methylnaphthalene
Concen: 0.94 ng
RT: 11.773 min Scan# 999
Delta R.T. -0.036 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

Tgt Ion:142 Resp: 5027
Ion Ratio Lower Upper
142 100
141 88.8 69.4 104.2
115 47.5 35.7 53.5

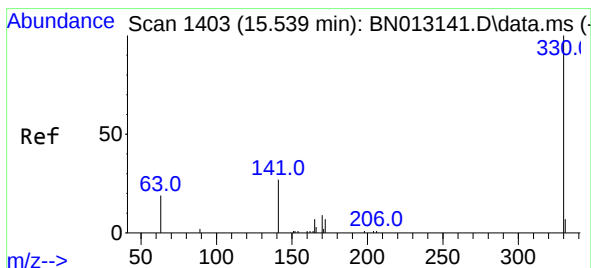
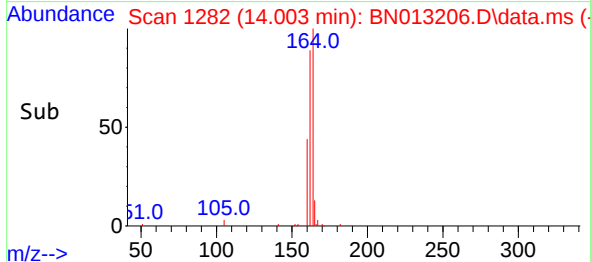
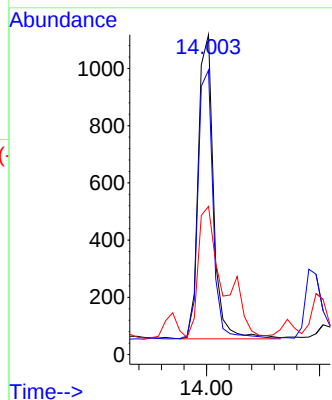
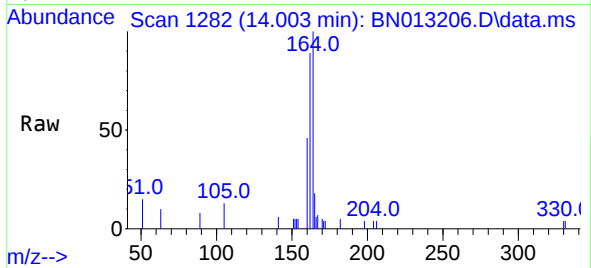




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.003 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

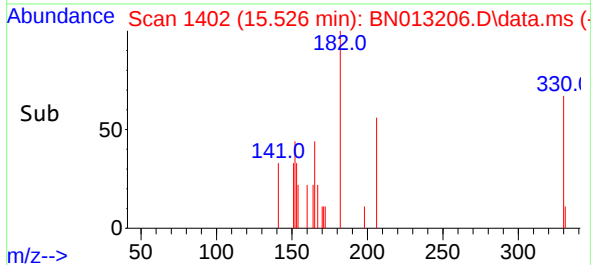
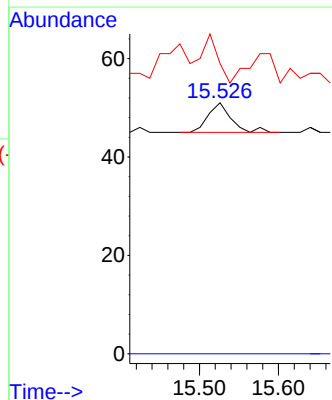
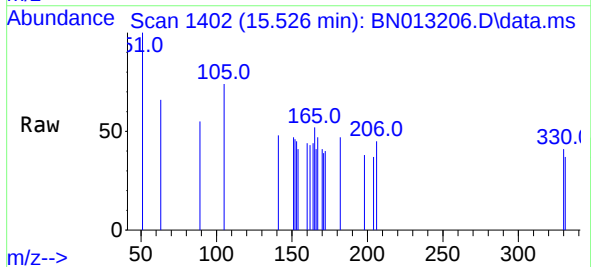
Instrument :
BNA_N
ClientSampleId :
BES-12SRDL

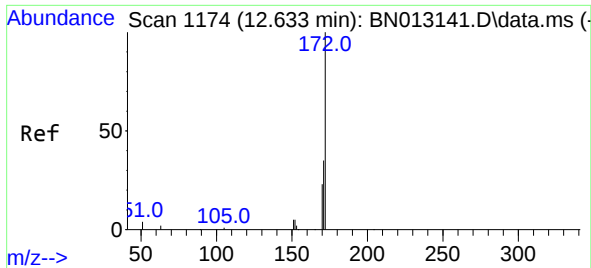
Tgt Ion:164 Resp: 1999
Ion Ratio Lower Upper
164 100
162 88.9 80.6 120.8
160 46.3 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.01 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.013 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

Tgt Ion:330 Resp: 12
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 116.7 34.4 51.6#

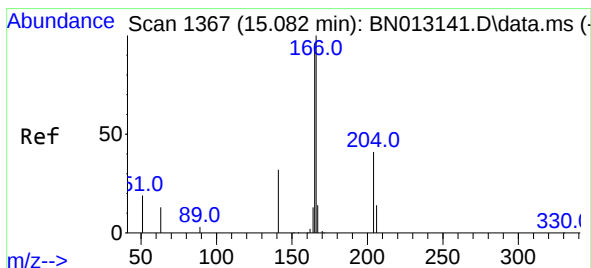
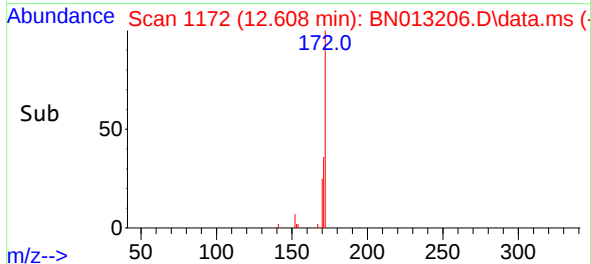
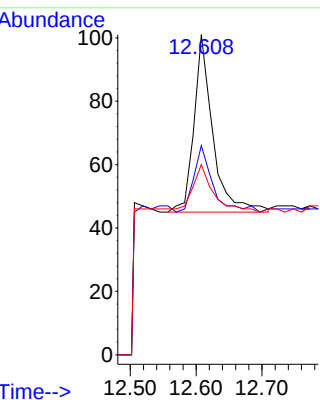
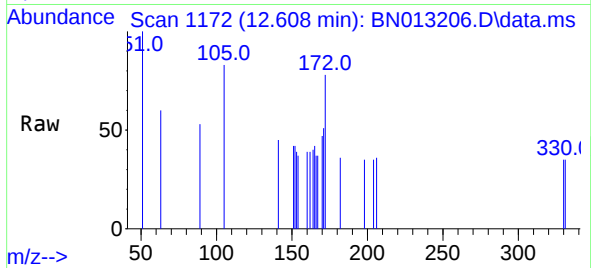




#15
2-Fluorobiphenyl
Concen: 0.01 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.025 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

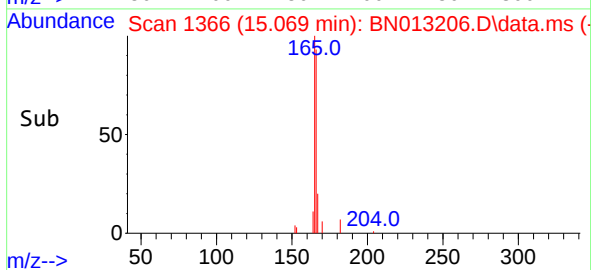
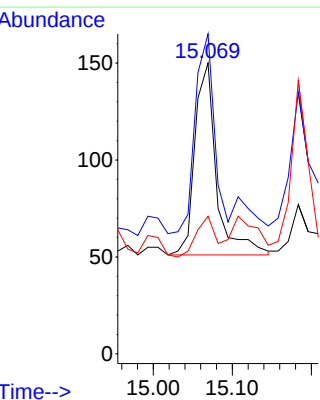
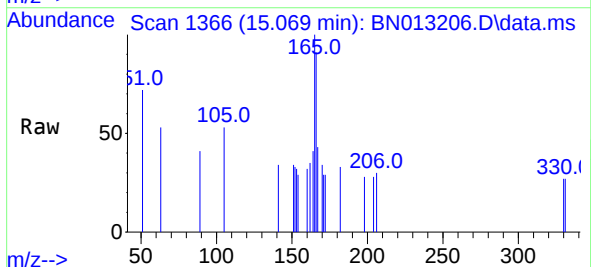
Instrument :
BNA_N
ClientSampleId :
BES-12SRDL

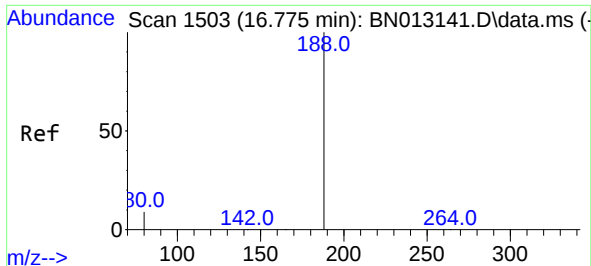
Tgt Ion:	172	Resp:	112
Ion	Ratio	Lower	Upper
172	100		
171	65.3	28.2	42.4#
170	59.4	20.0	30.0#



#18
Fluorene
Concen: 0.02 ng
RT: 15.069 min Scan# 1366
Delta R.T. -0.013 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

Tgt Ion:	166	Resp:	188
Ion	Ratio	Lower	Upper
166	100		
165	110.1	78.6	118.0
167	18.1	10.7	16.1#

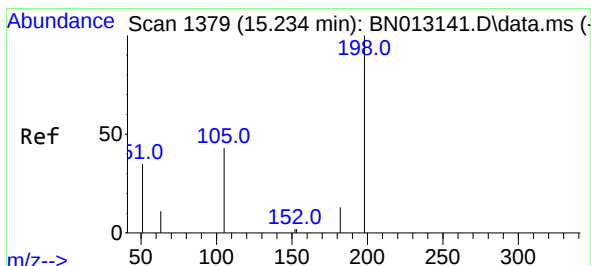
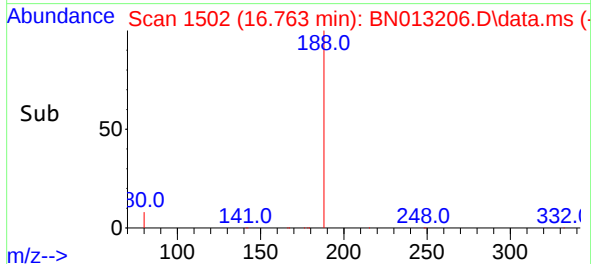
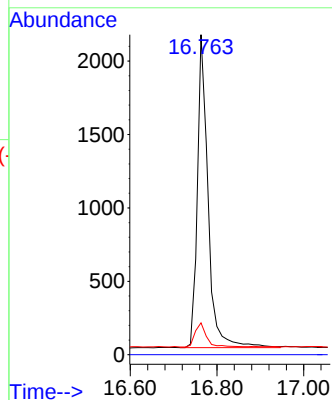
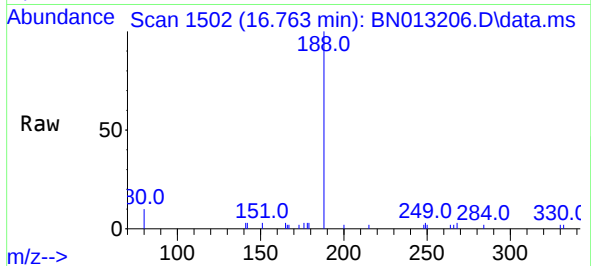




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

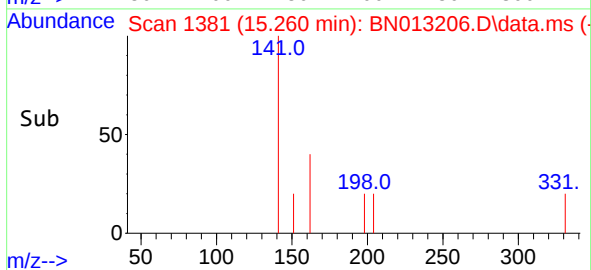
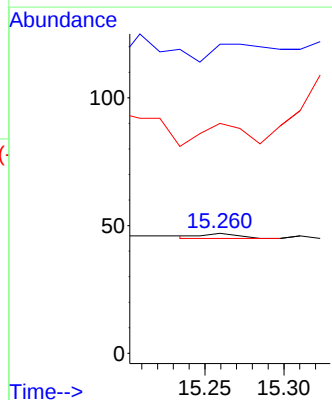
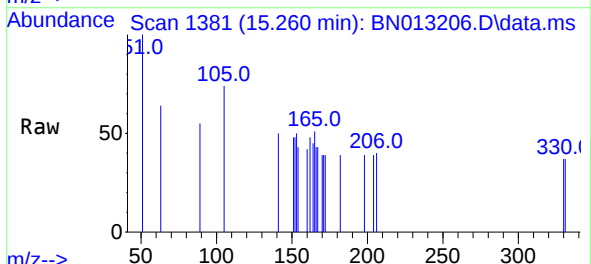
Instrument :
BNA_N
ClientSampleId :
BES-12SRDL

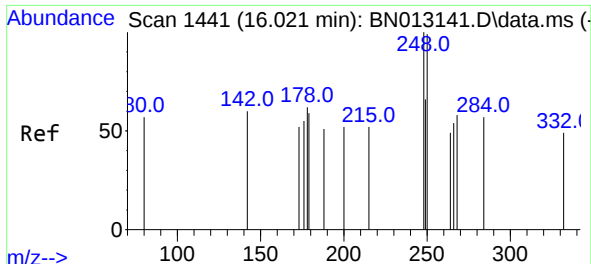
Tgt Ion:188	Resp:	3655
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.0	5.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.260 min Scan# 1381
Delta R.T. 0.013 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

Tgt Ion:198	Resp:	3
Ion Ratio	Lower	Upper
198	100	
51	257.4	43.5
105	191.5	27.2

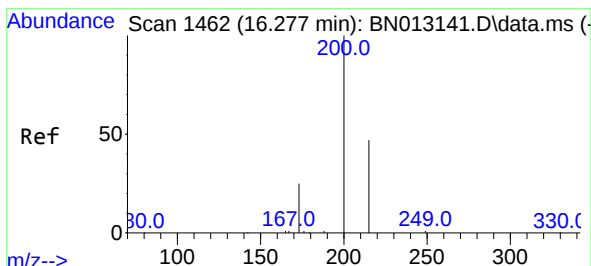
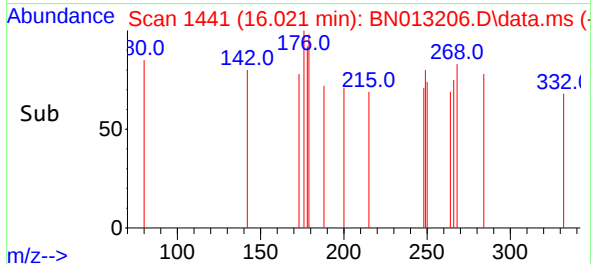
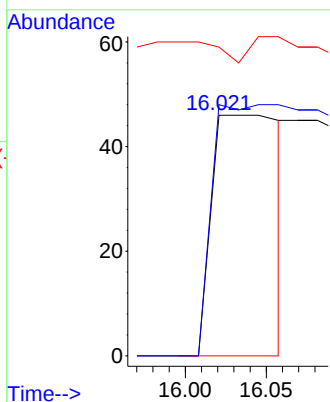
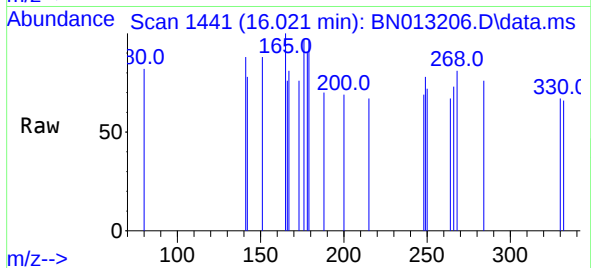




#21
4-Bromophenyl-phenylether
Concen: 0.19 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

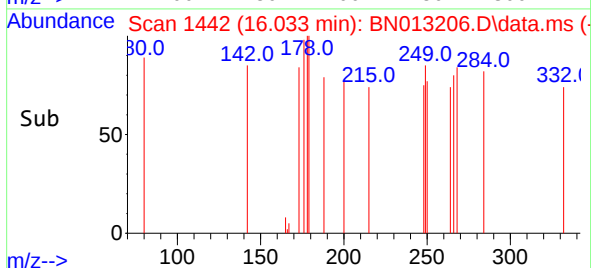
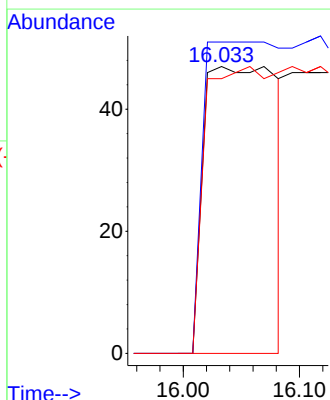
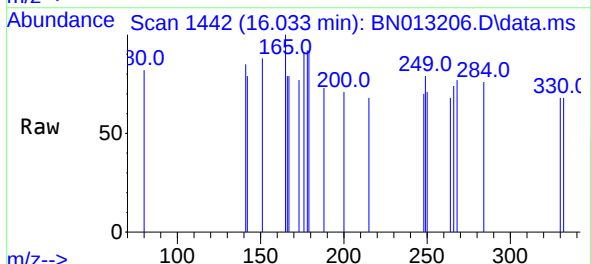
Instrument :
BNA_N
ClientSampleId :
BES-12SRDL

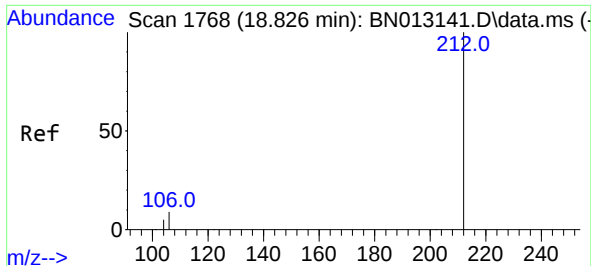
Tgt Ion:248 Resp: 136
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 128.3 57.8 86.8#



#23
Atrazine
Concen: 0.09 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.243 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

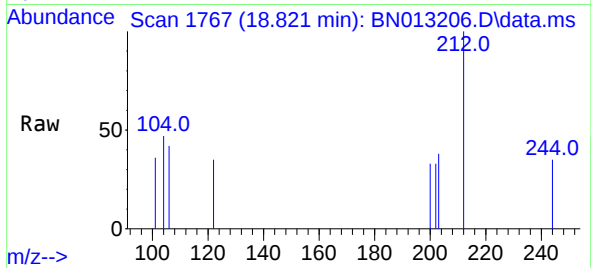
Tgt Ion:200 Resp: 205
Ion Ratio Lower Upper
200 100
173 108.5 22.8 34.2#
215 95.7 38.1 57.1#



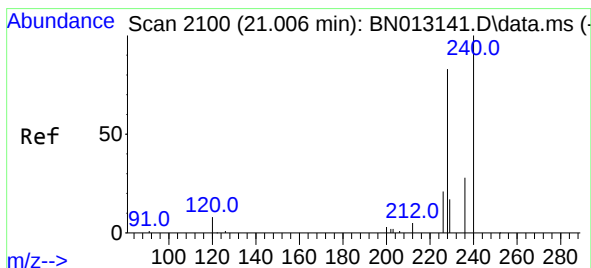
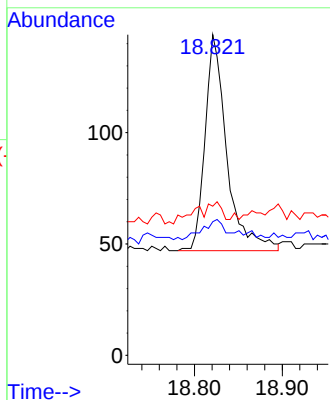
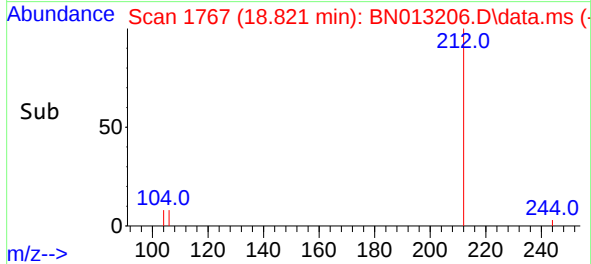


#27
Fluoranthene-d10
Concen: 0.01 ng
RT: 18.821 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43

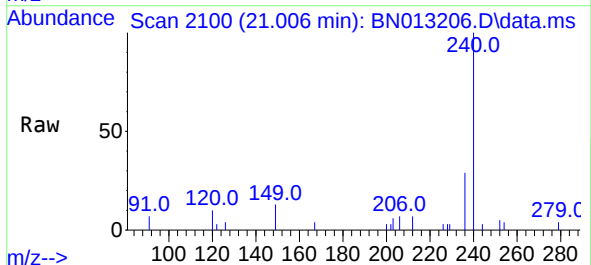
Instrument :
BNA_N
ClientSampleId :
BES-12SRDL



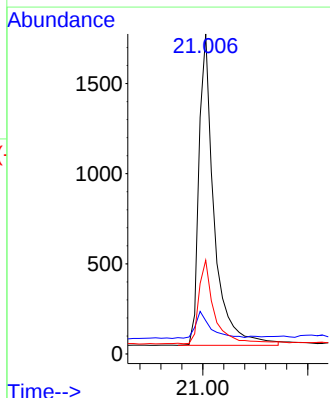
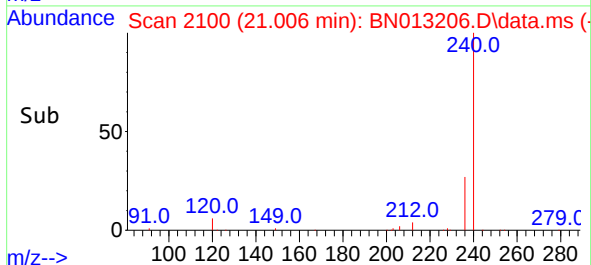
Tgt Ion:212 Resp: 167
Ion Ratio Lower Upper
212 100
106 9.0 6.8 10.2
104 4.8 4.1 6.1

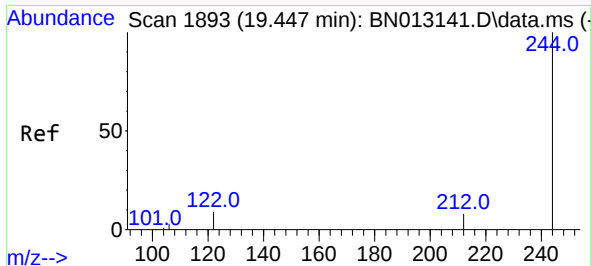


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.006 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN013206.D
Acq: 18 Dec 2020 05:43



Tgt Ion:240 Resp: 3455
Ion Ratio Lower Upper
240 100
120 10.4 5.3 7.9#
236 29.3 21.8 32.8

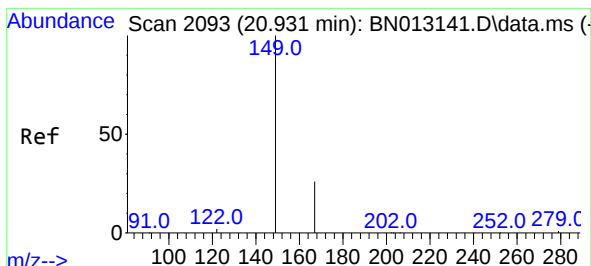
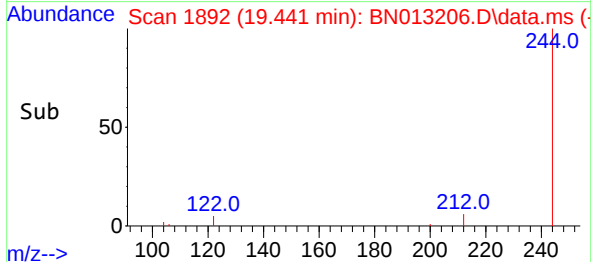
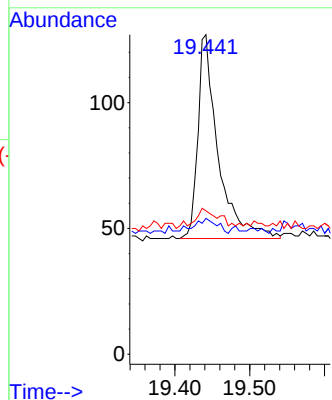
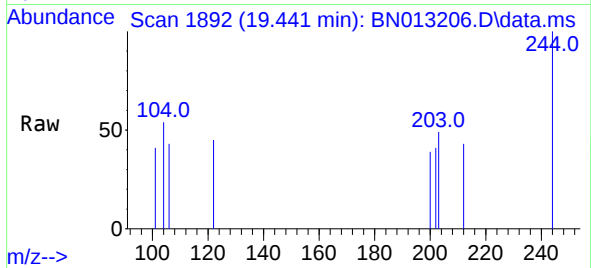




#31
 Terphenyl-d14
 Concen: 0.02 ng
 RT: 19.441 min Scan# 1892
 Delta R.T. -0.010 min
 Lab File: BN013206.D
 Acq: 18 Dec 2020 05:43

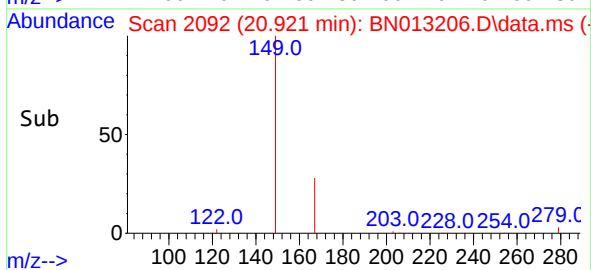
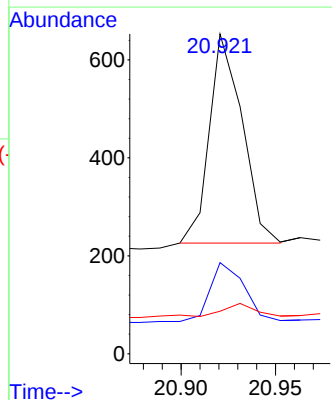
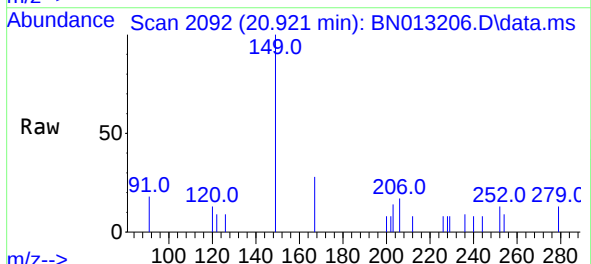
Instrument :
 BNA_N
 ClientSampleId :
 BES-12SRDL

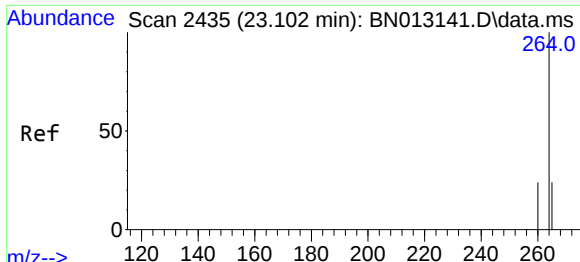
Tgt Ion:244 Resp: 152
 Ion Ratio Lower Upper
 244 100
 212 42.5 7.3 10.9#
 122 44.9 7.3 10.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.921 min Scan# 2092
 Delta R.T. -0.011 min
 Lab File: BN013206.D
 Acq: 18 Dec 2020 05:43

Tgt Ion:149 Resp: 516
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.2 34.8
 279 6.0 3.9 5.9#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.092 min Scan# 2432
 Delta R.T. -0.007 min
 Lab File: BN013206.D
 Acq: 18 Dec 2020 05:43

Instrument :
 BNA_N
 ClientSampleId :
 BES-12SRDL

Tgt Ion:	264	Resp:	3839
Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.8	29.6
265	71.6	51.4	77.0

