

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
 Data File : BN013068.D
 Acq On : 11 Dec 2020 14:45
 Operator : CG/JU
 Sample : L4960-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BES-13SR

Quant Time: Dec 11 15:17:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 01:53:51 2020
 Response via : Initial Calibration

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

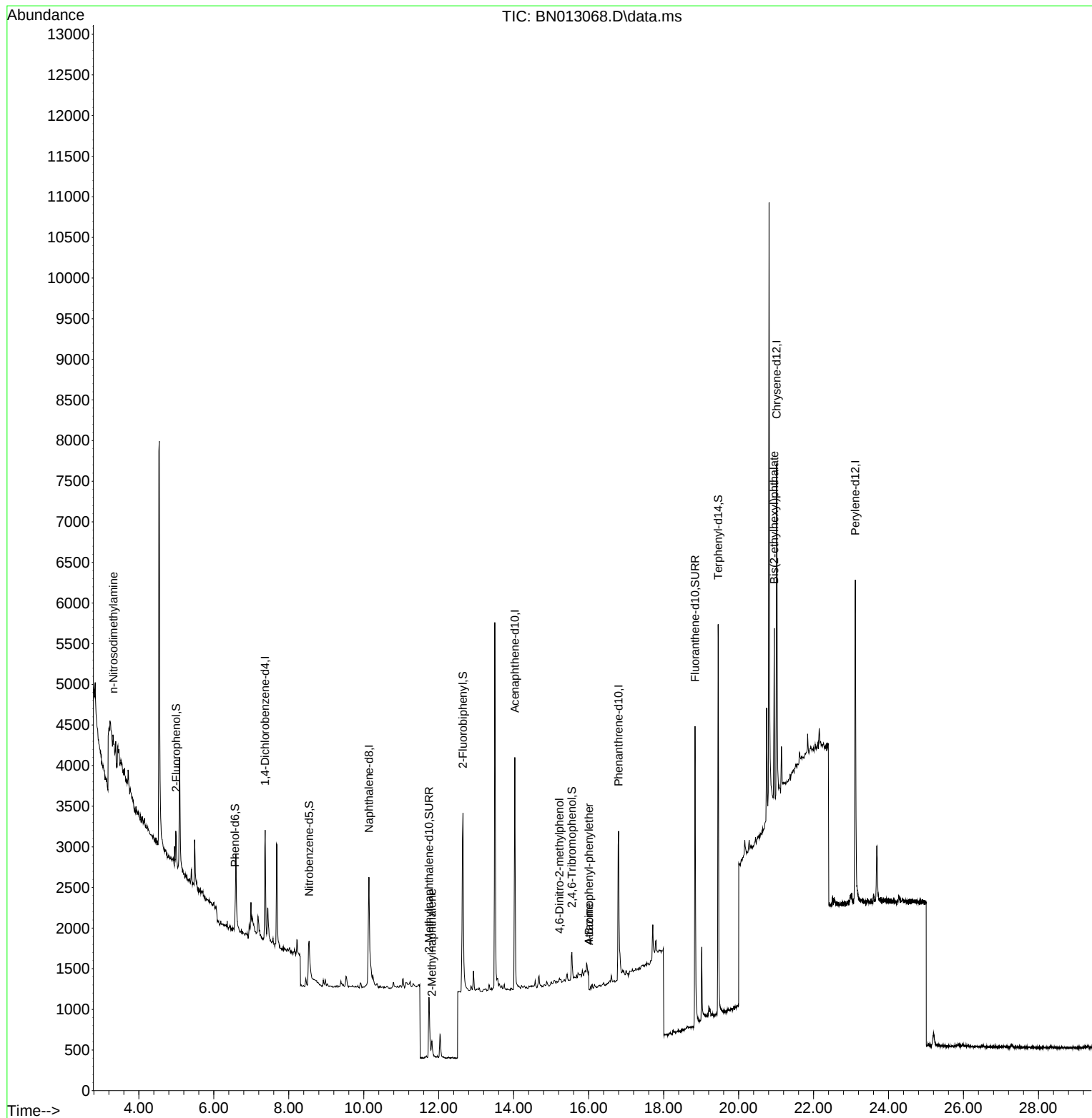
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.370	152	742	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	2582	0.40	ng	# 0.00
13) Acenaphthene-d10	14.029	164	1620	0.40	ng	0.00
19) Phenanthrene-d10	16.799	188	3785	0.40	ng	# 0.00
29) Chrysene-d12	21.014	240	4688	0.40	ng	# 0.00
36) Perylene-d12	23.113	264	5340	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.994	112	369	0.14	ng	0.00
5) Phenol-d6	6.565	99	207	0.07	ng	0.00
8) Nitrobenzene-d5	8.541	82	927	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	11.742	152	1591	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.552	330	317	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.646	172	2556	0.36	ng	0.00
27) Fluoranthene-d10	18.838	212	5014	0.39	ng	0.00
31) Terphenyl-d14	19.454	244	5471	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.102	88	13	Below Cal	#	38
3) n-Nitrosodimethylamine	3.319	42	39	0.02	ng	# 1
12) 2-Methylnaphthalene	11.817	142	173	0.03	ng	# 80
20) 4,6-Dinitro-2-methylph...	15.222	198	5	0.10	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	103	0.12	ng	# 63
23) Atrazine	16.008	200	107	0.05	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.950	149	1678	0.16	ng	98

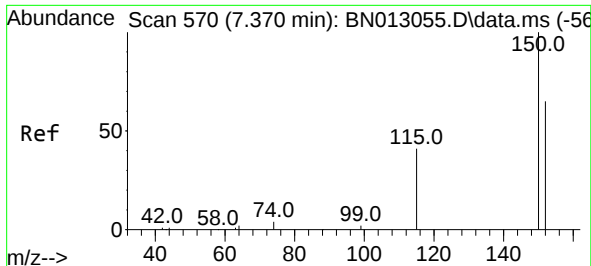
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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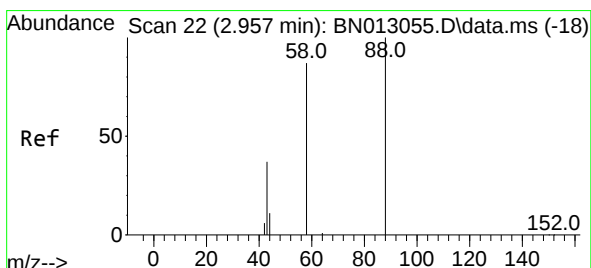
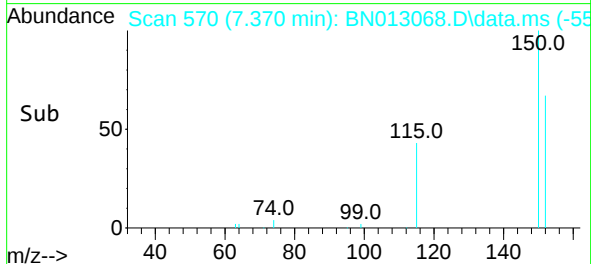
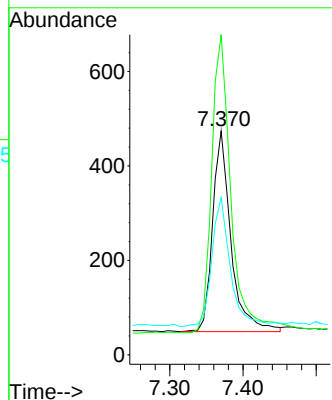
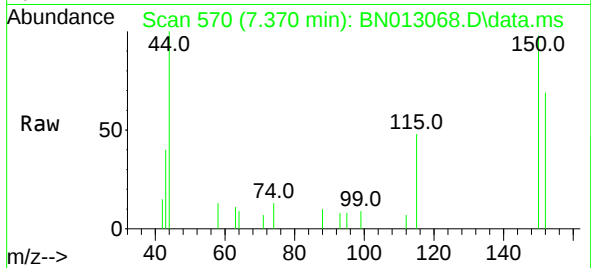




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.370 min Scan# 570
 Delta R.T. 0.000 min
 Lab File: BN013068.D
 Acq: 11 Dec 2020 14:45

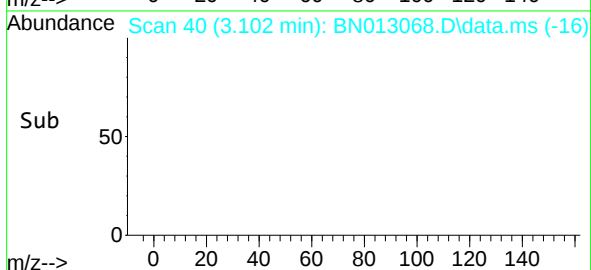
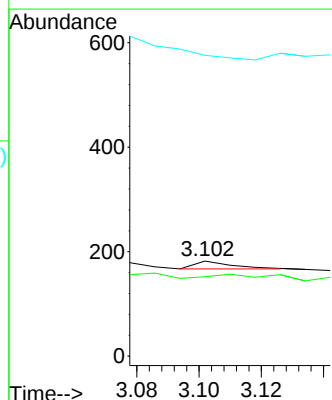
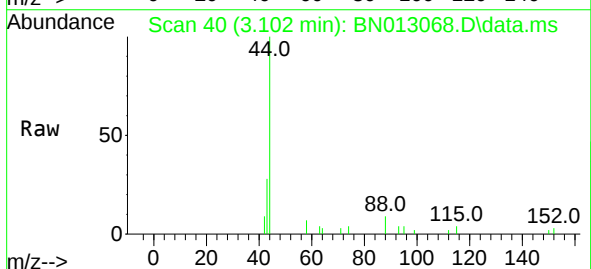
Instrument :
 BNA_N
 ClientSampled :
 BES-13SR

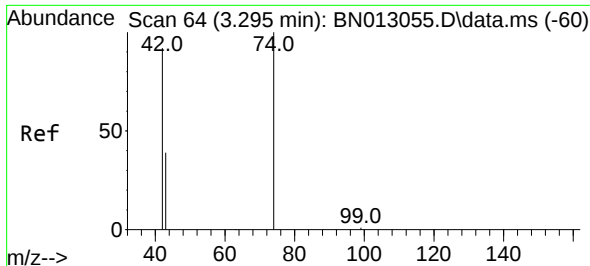
Tgt Ion:152 Resp: 742
 Ion Ratio Lower Upper
 152 100
 150 143.0 116.6 174.8
 115 70.3 52.9 79.3



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.102 min Scan# 40
 Delta R.T. 0.145 min
 Lab File: BN013068.D
 Acq: 11 Dec 2020 14:45

Tgt Ion: 88 Resp: 13
 Ion Ratio Lower Upper
 88 100
 58 23.1 59.4 89.2#
 43 0.0 32.3 48.5#

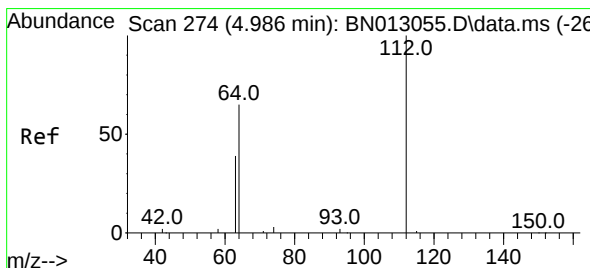
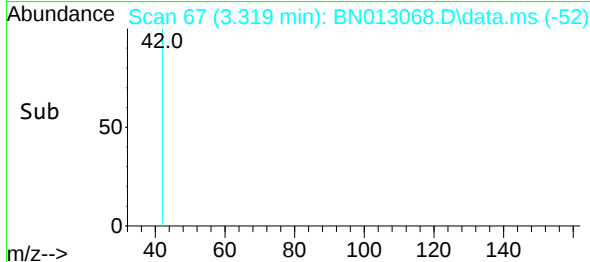
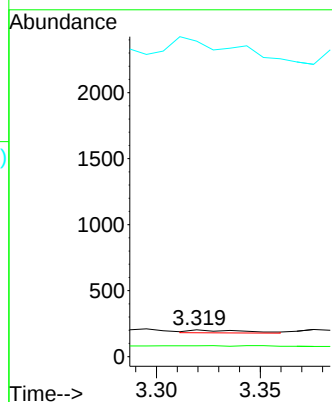
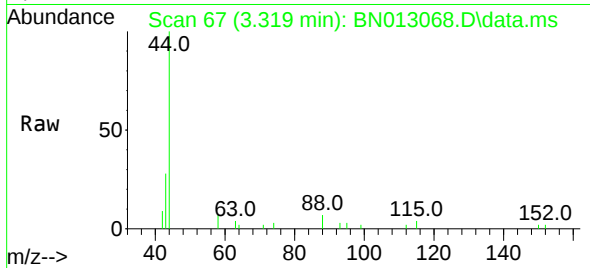




#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.319 min Scan# 67
Delta R.T. 0.024 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

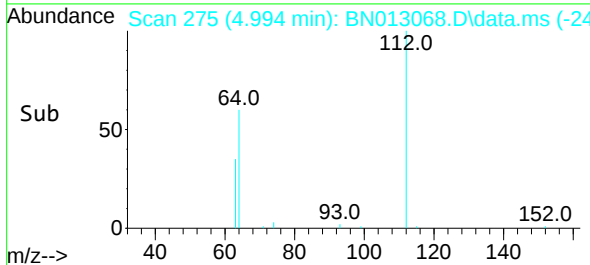
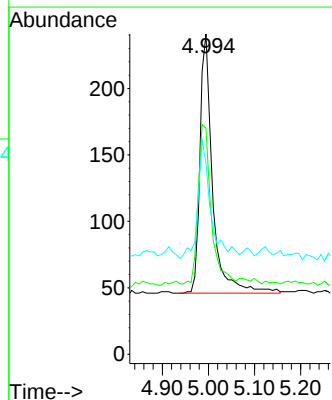
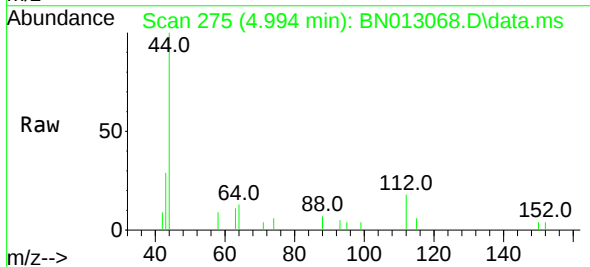
Instrument :
BNA_N
ClientSampleId :
BES-13SR

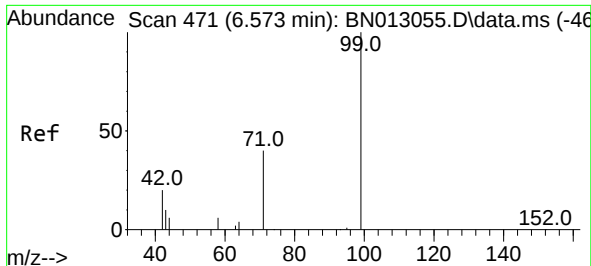
Tgt Ion: 42 Resp: 39
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 1207.7 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.14 ng
RT: 4.994 min Scan# 275
Delta R.T. 0.008 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

Tgt Ion: 112 Resp: 369
Ion Ratio Lower Upper
112 100
64 63.4 49.5 74.3
63 46.9 32.0 48.0

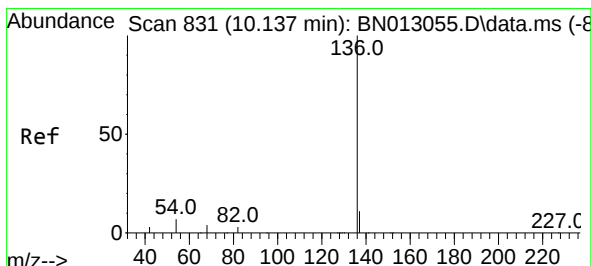
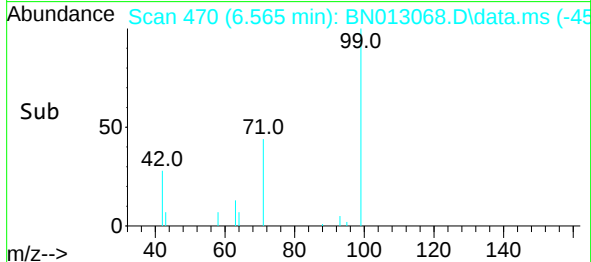
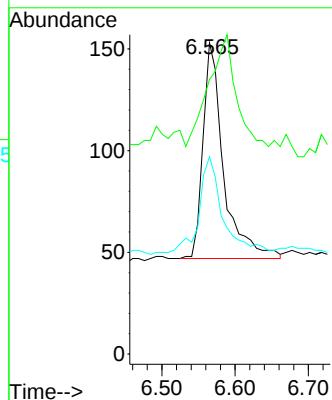
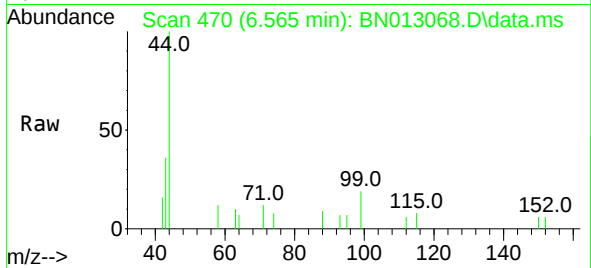




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.565 min Scan# 470
Delta R.T. -0.008 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

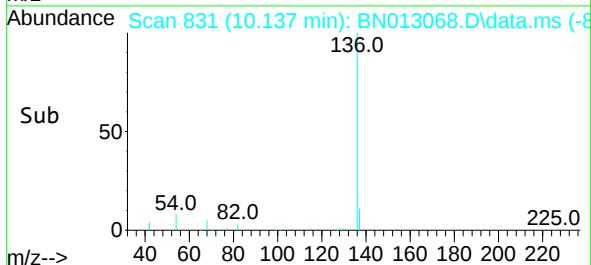
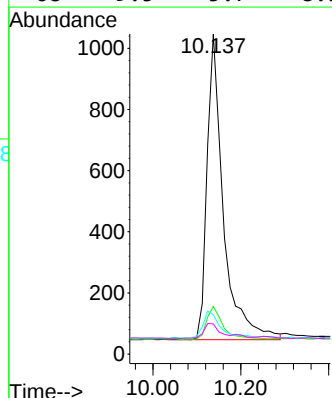
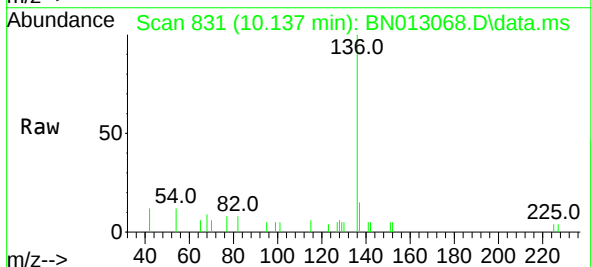
Instrument :
BNA_N
ClientSampled :
BES-13SR

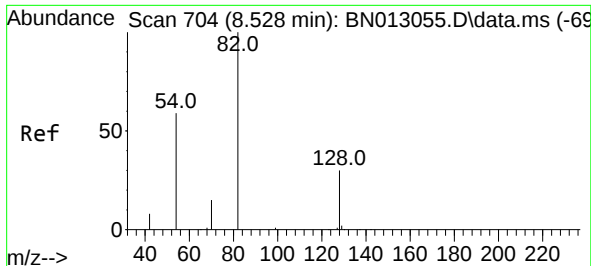
Tgt Ion: 99 Resp: 207
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 49.3 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.000 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

Tgt Ion: 136 Resp: 2582
Ion Ratio Lower Upper
136 100
137 14.9 10.6 15.8
54 12.3 8.6 12.8
68 9.5 5.7 8.5#

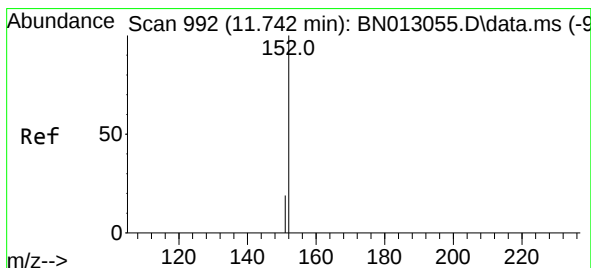
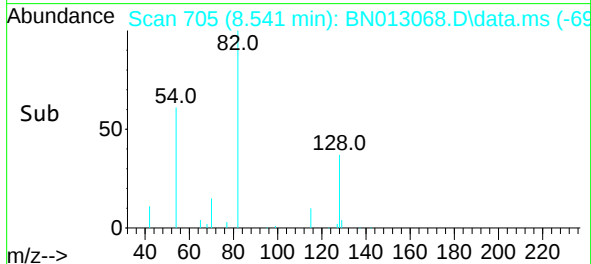
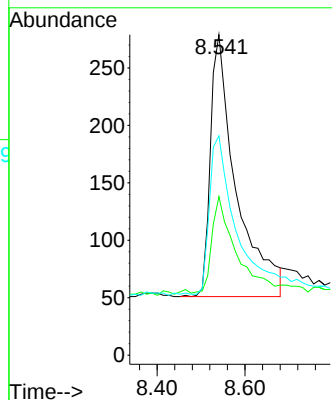
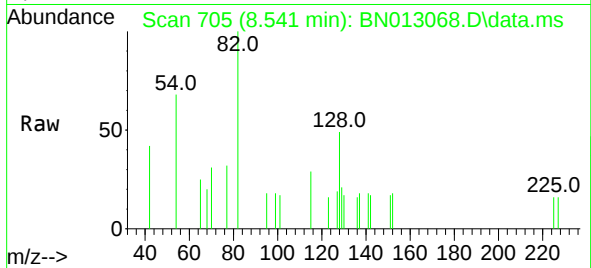




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.013 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

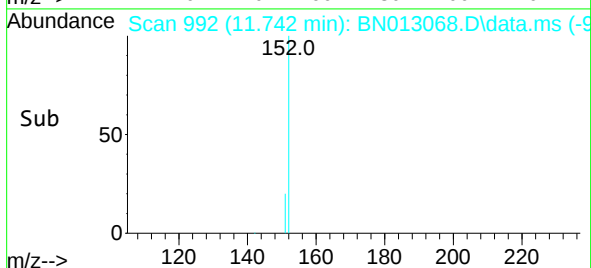
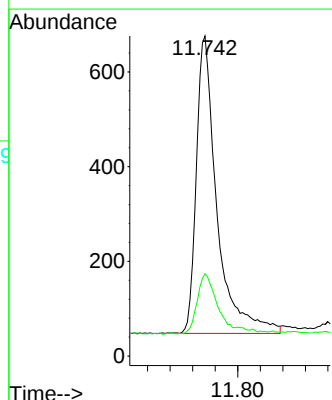
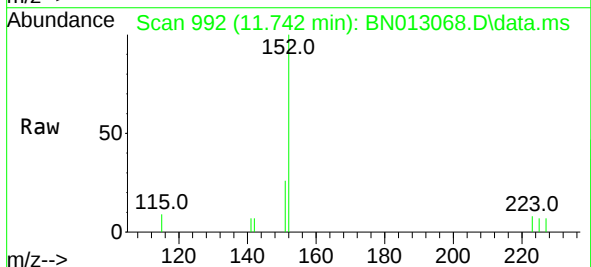
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BNA_N
ClientSampleId :
BES-13SR

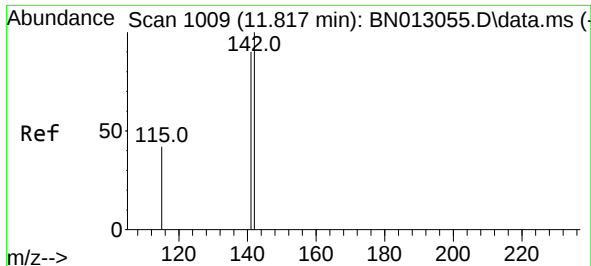
Tgt Ion: 82 Resp: 927
Ion Ratio Lower Upper
82 100
128 49.5 30.6 46.0#
54 68.5 48.3 72.5



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 11.742 min Scan# 992
Delta R.T. 0.000 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

Tgt Ion: 152 Resp: 1591
Ion Ratio Lower Upper
152 100
151 19.2 16.7 25.1

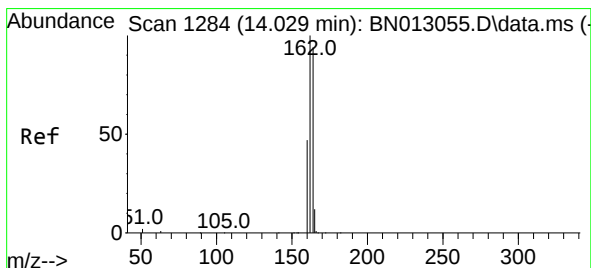
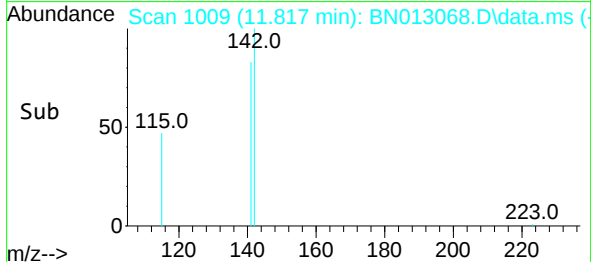
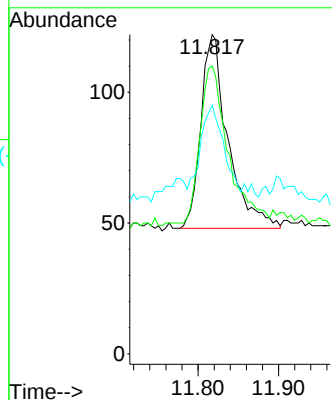
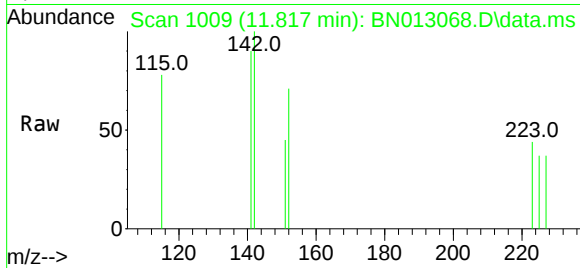




#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 11.817 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

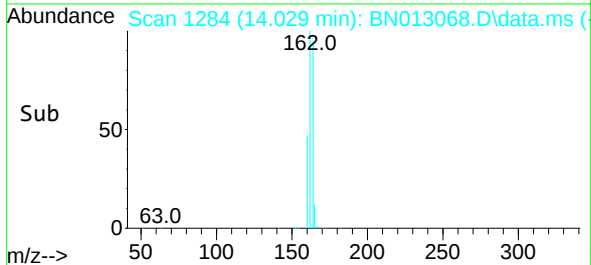
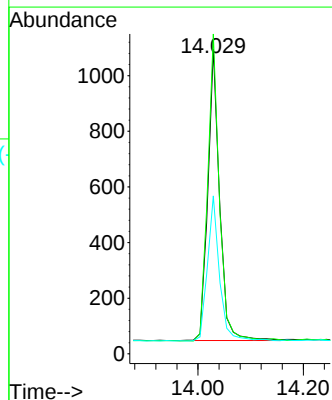
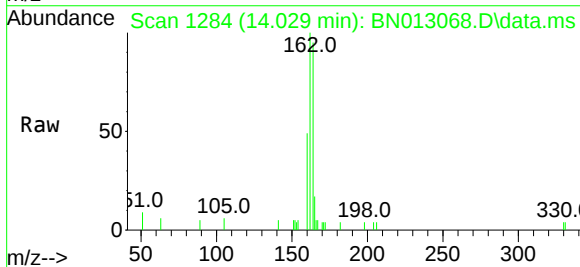
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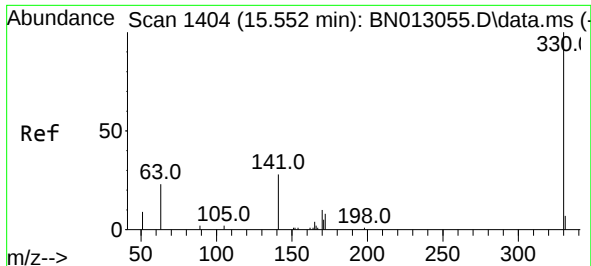
Tgt Ion:142 Resp: 173
Ion Ratio Lower Upper
142 100
141 90.2 69.4 104.2
115 77.9 35.7 53.5#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

Tgt Ion:164 Resp: 1620
Ion Ratio Lower Upper
164 100
162 104.9 80.6 120.8
160 51.8 39.5 59.3

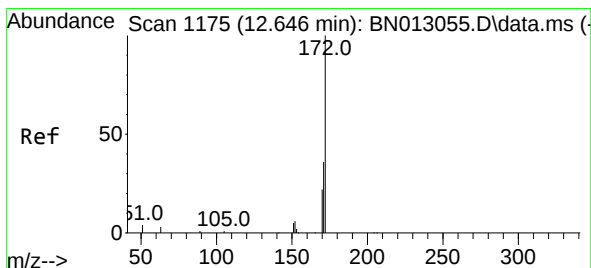
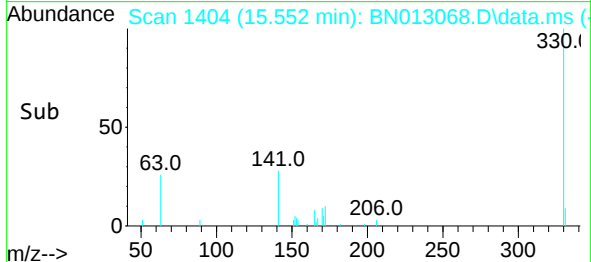
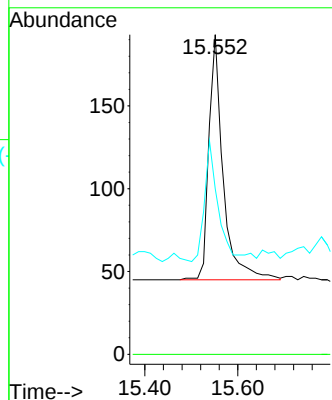
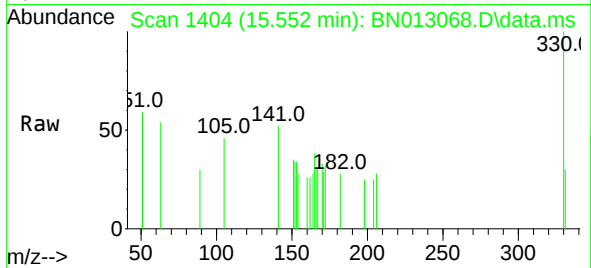




#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

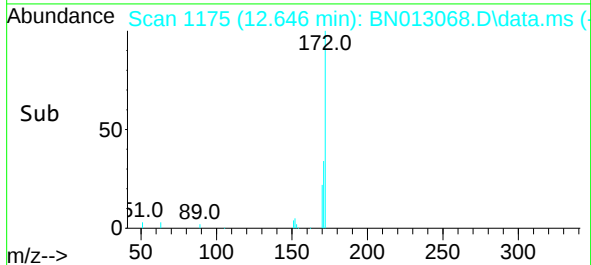
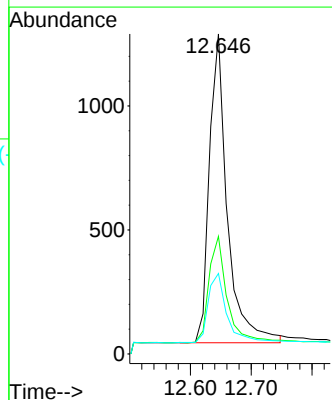
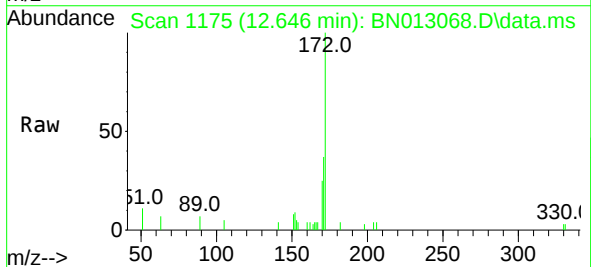
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ClientSampleId :
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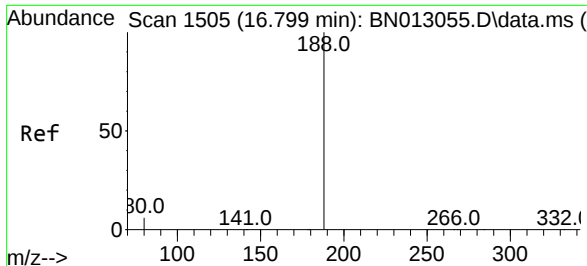
Tgt Ion:330 Resp: 317
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 47.3 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

Tgt Ion:172 Resp: 2556
Ion Ratio Lower Upper
172 100
171 36.7 28.2 42.4
170 25.1 20.0 30.0

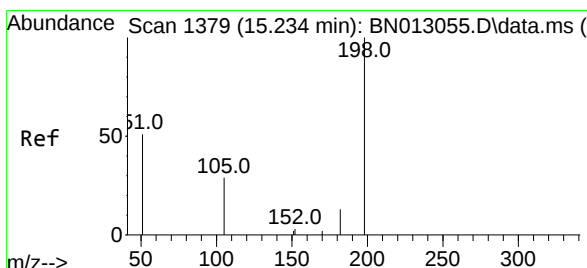
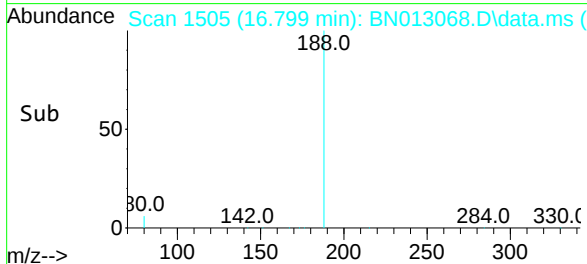
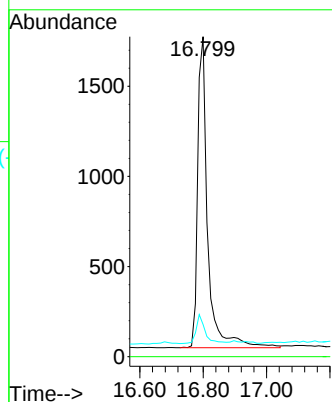
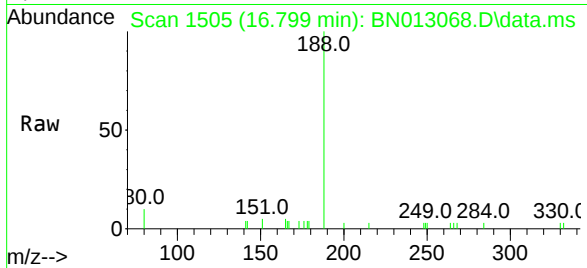




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.799 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

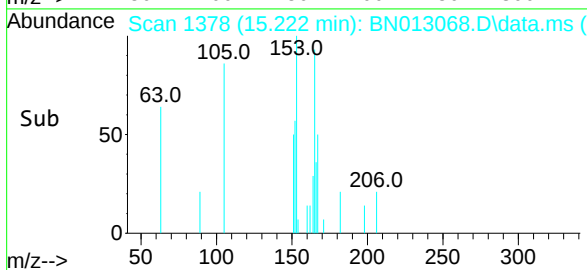
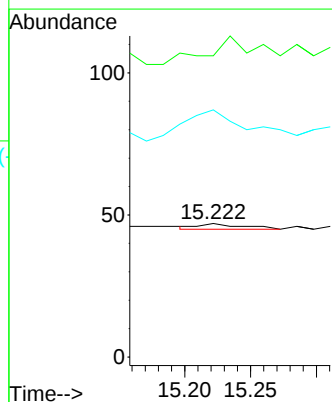
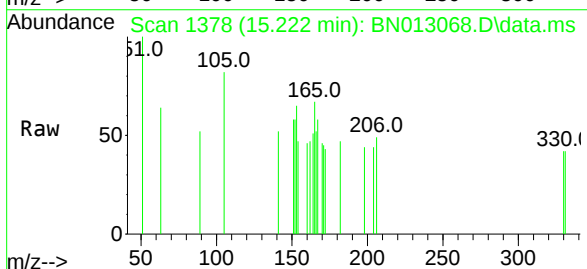
Instrument :
BNA_N
ClientSampleId :
BES-13SR

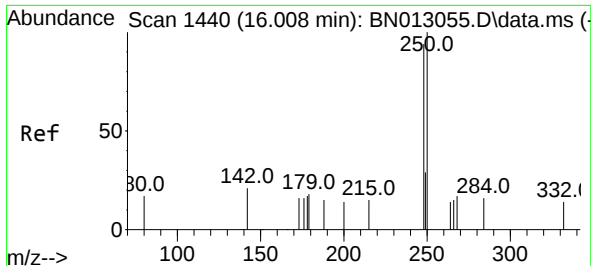
Tgt Ion:188 Resp: 3785
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 5.0 7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.222 min Scan# 1378
Delta R.T. -0.012 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 225.5 43.5 65.3#
105 185.1 27.2 40.8#

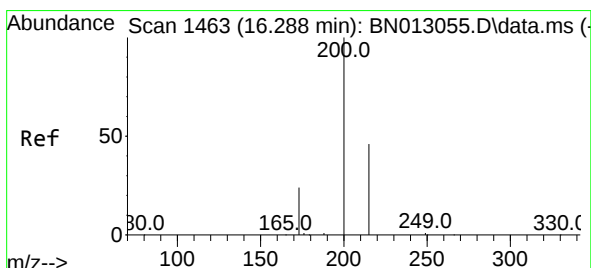
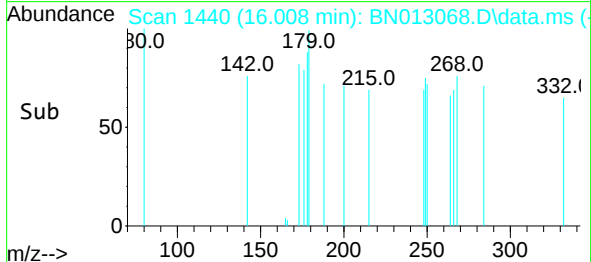
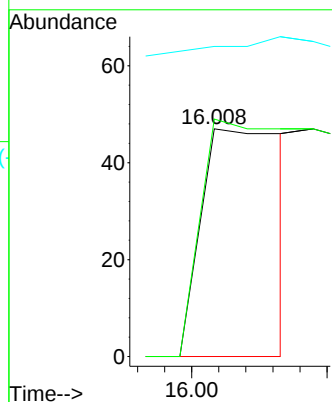
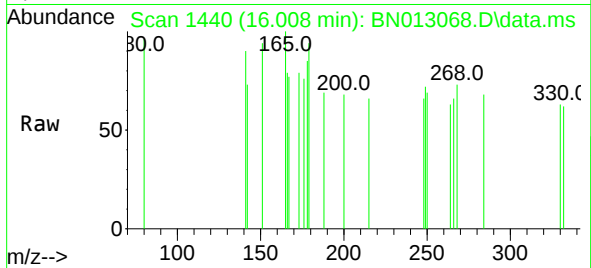




#21
4-Bromophenyl-phenylether
Concen: 0.12 ng
RT: 16.008 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

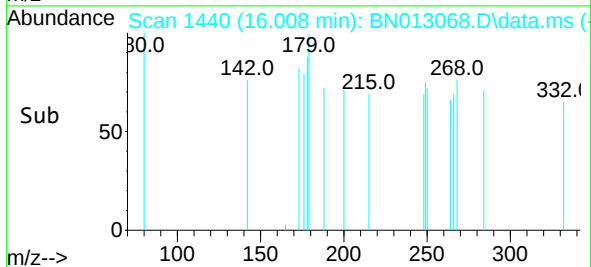
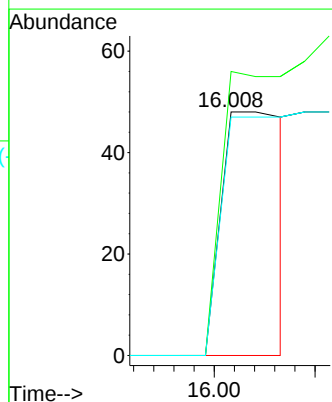
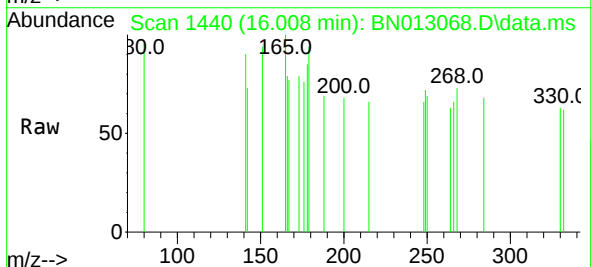
Instrument :
BNA_N
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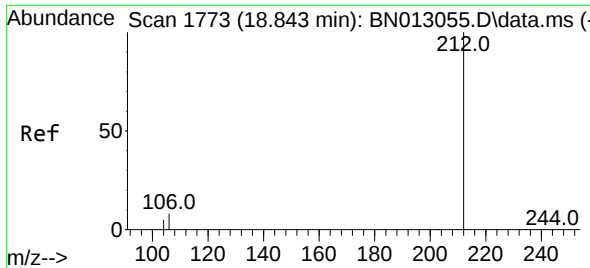
Tgt Ion:248 Resp: 103
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 136.2 57.8 86.8#



#23
Atrazine
Concen: 0.05 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.280 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

Tgt Ion:200 Resp: 107
Ion Ratio Lower Upper
200 100
173 116.7 22.8 34.2#
215 97.9 38.1 57.1#

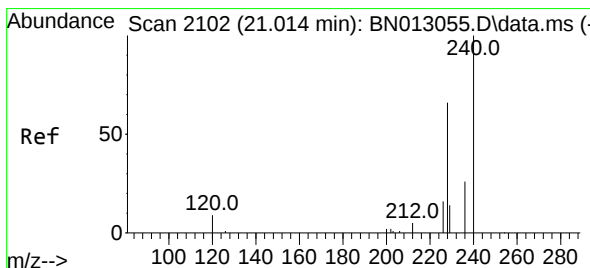
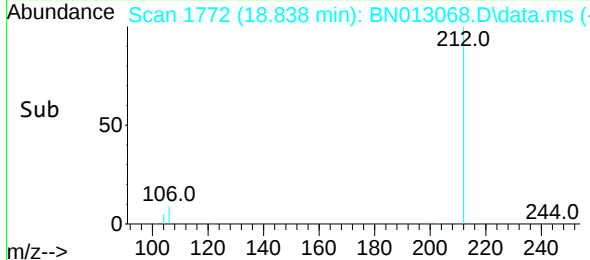
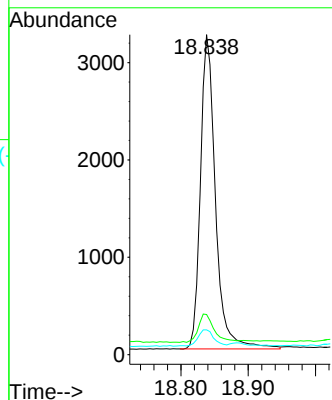
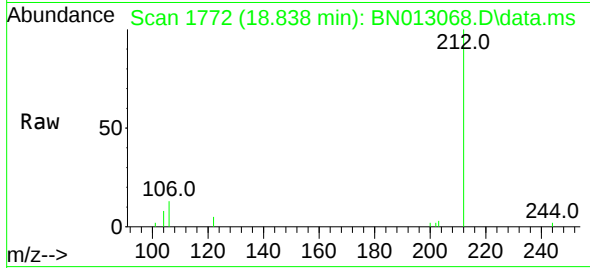




#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.838 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

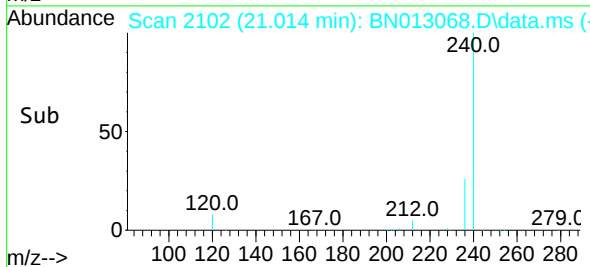
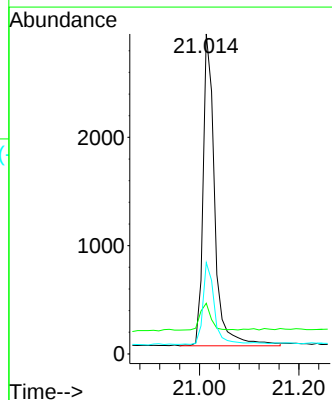
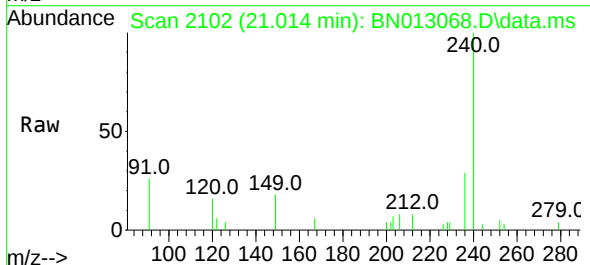
Instrument :
BNA_N
ClientSampleId :
BES-13SR

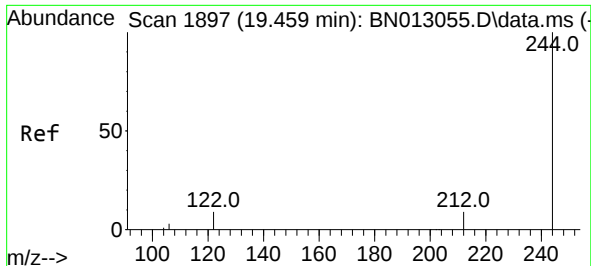
Tgt Ion:212 Resp: 5014
Ion Ratio Lower Upper
212 100
106 9.3 6.8 10.2
104 5.5 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.014 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

Tgt Ion:240 Resp: 4688
Ion Ratio Lower Upper
240 100
120 15.8 5.3 7.9#
236 28.5 21.8 32.8

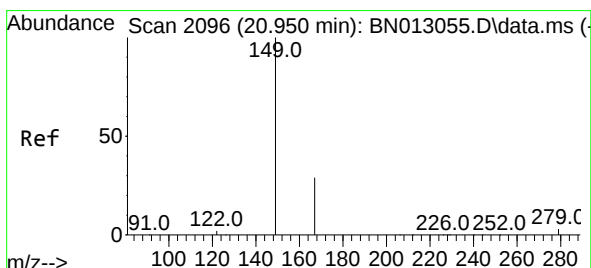
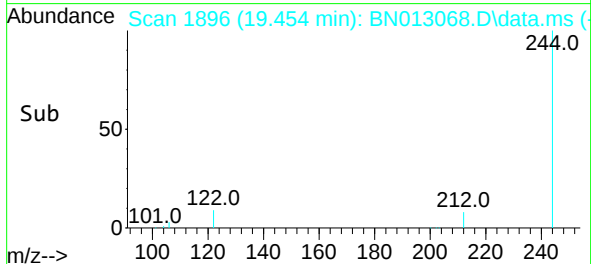
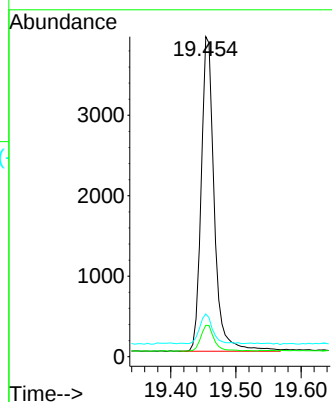
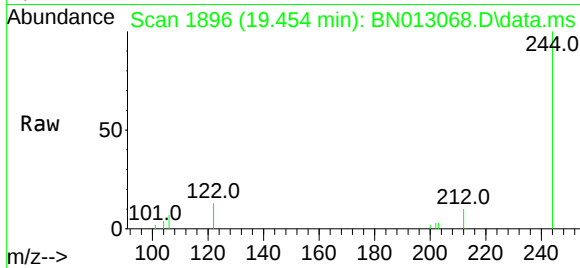




#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.454 min Scan# 1896
Delta R.T. -0.005 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

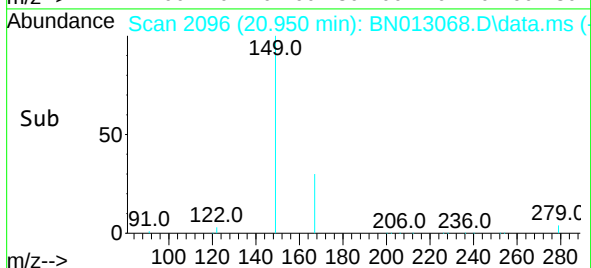
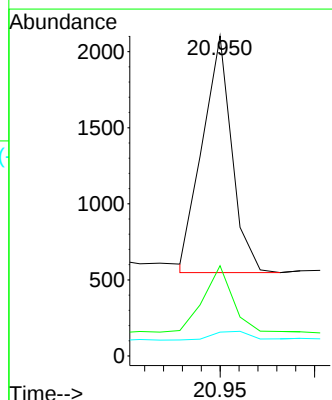
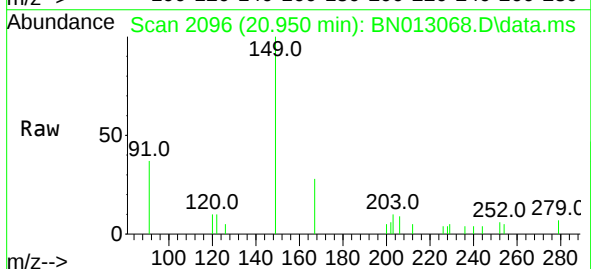
Instrument :
BNA_N
ClientSampleId :
BES-13SR

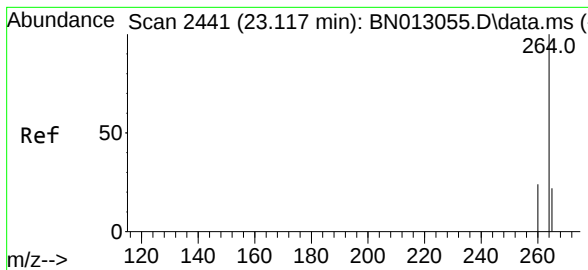
Tgt Ion:244 Resp: 5471
Ion Ratio Lower Upper
244 100
212 9.8 7.3 10.9
122 13.4 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 20.950 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN013068.D
Acq: 11 Dec 2020 14:45

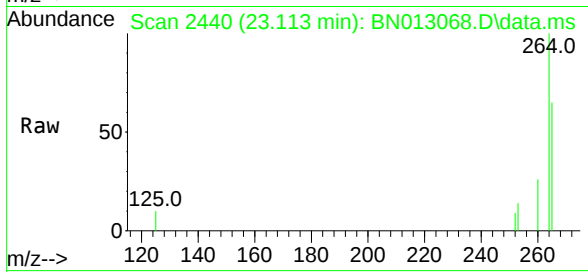
Tgt Ion:149 Resp: 1678
Ion Ratio Lower Upper
149 100
167 27.9 23.2 34.8
279 4.8 3.9 5.9





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.113 min Scan# 2440
 Delta R.T. -0.003 min
 Lab File: BN013068.D
 Acq: 11 Dec 2020 14:45

Instrument :
 BNA_N
 ClientSampleId :
 BES-13SR



Tgt Ion:264 Resp: 5340

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.8	29.6
265	65.3	51.4	77.0

