

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
 Data File : BN013077.D
 Acq On : 12 Dec 2020 05:56
 Operator : CG/JU
 Sample : L4960-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BES-12SR

Quant Time: Dec 14 03:05:20 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)

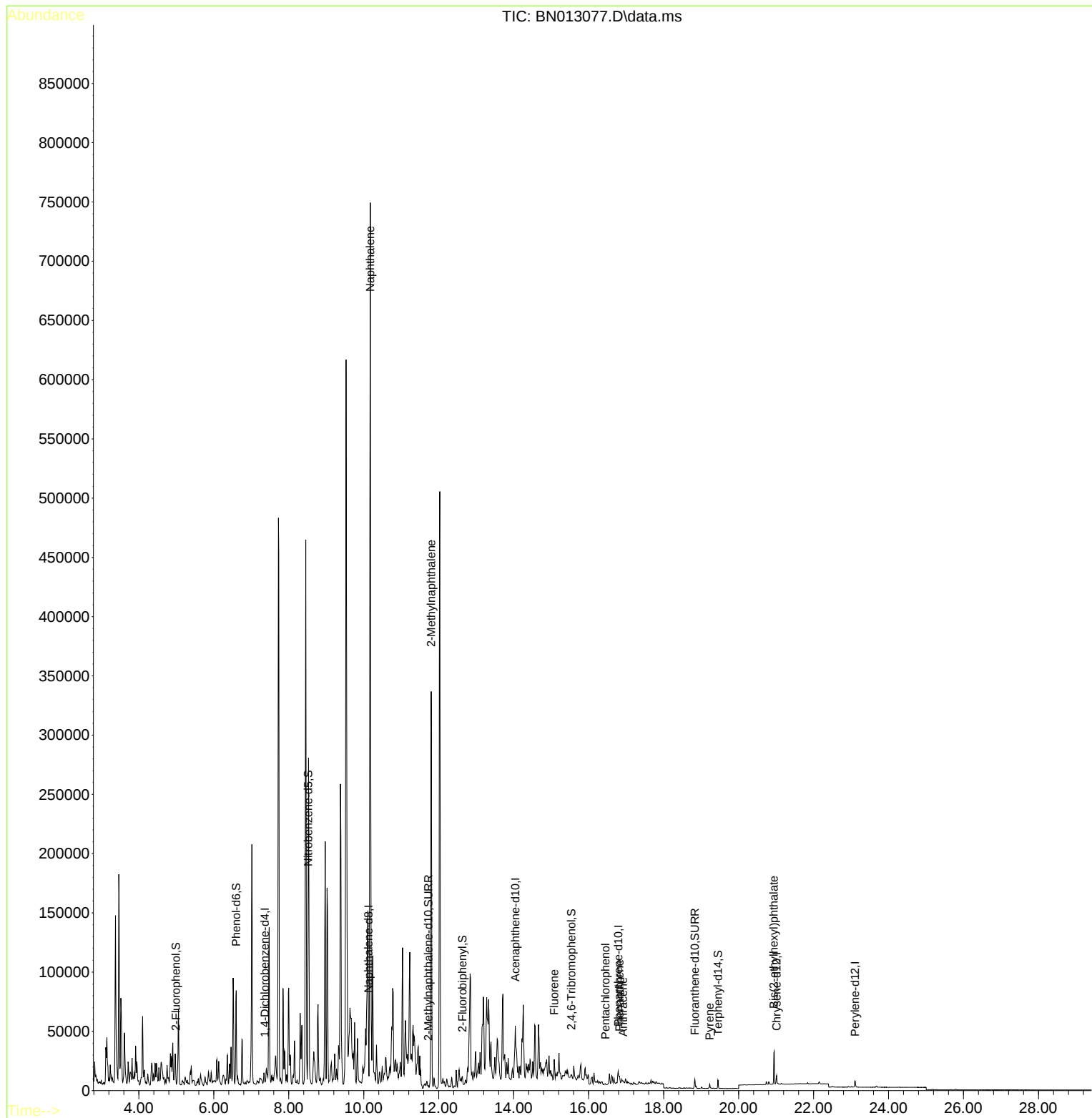
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.362	152	1043	0.40	ng	# 0.00
7) Naphthalene-d8	10.125	136	4484	0.40	ng	#-0.01
13) Acenaphthene-d10	14.042	164	28722	0.40	ng	# 0.01
19) Phenanthrene-d10	16.787	188	7711	0.40	ng	#-0.01
29) Chrysene-d12	21.014	240	6755	0.40	ng	# 0.00
36) Perylene-d12	23.107	264	6896	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.986	112	991	0.26	ng	0.00
5) Phenol-d6	6.597	99	1199	0.28	ng	0.02
8) Nitrobenzene-d5	8.515	82	1562	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	11.724	152	2882	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	15.539	330	747	0.04	ng	-0.01
15) 2-Fluorobiphenyl	12.633	172	4461	0.04	ng	-0.01
27) Fluoranthene-d10	18.833	212	7902	0.31	ng	0.00
31) Terphenyl-d14	19.449	244	6870	0.41	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.175	128	773371	56.38	ng	96
12) 2-Methylnaphthalene	11.800	142	221423	23.53	ng	97
18) Fluorene	15.082	166	8778	0.07	ng	# 98
24) Pentachlorophenol	16.446	266	72	0.03	ng	# 76
25) Phenanthrene	16.824	178	4603	0.18	ng	# 81
26) Anthracene	16.921	178	2670	0.12	ng	# 75
30) Pyrene	19.230	202	3527	0.14	ng	# 93
34) Bis(2-ethylhexyl)phtha...	20.939	149	28280	1.87	ng	98

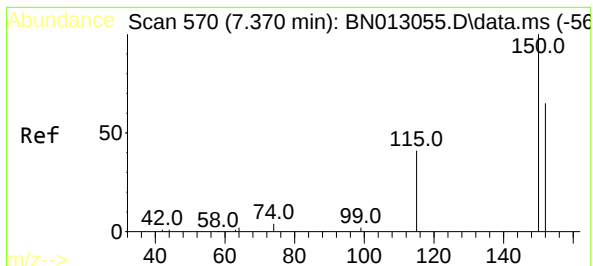
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
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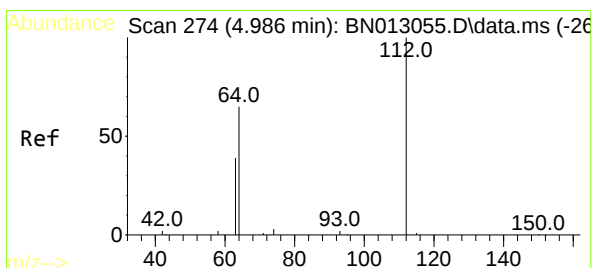
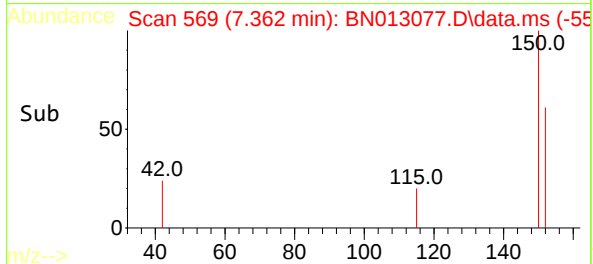
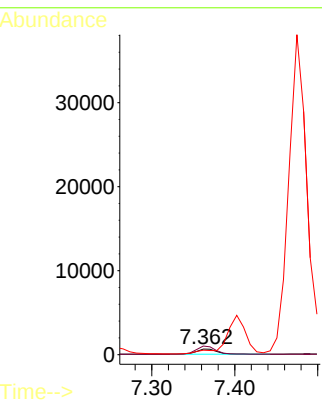
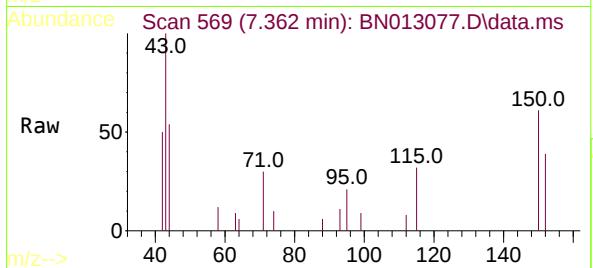




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.362 min Scan# 569
Delta R.T. -0.008 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

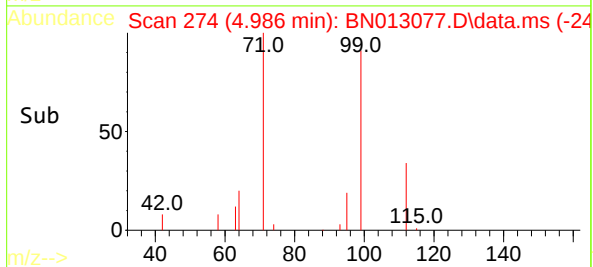
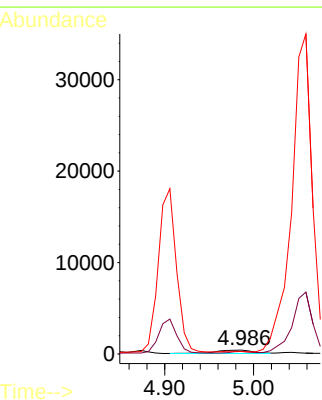
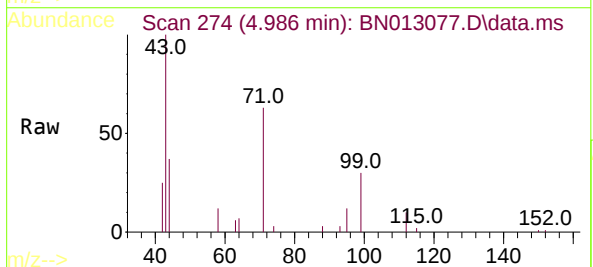
Instrument :
BNA_N
ClientSampleId :
BES-12SR

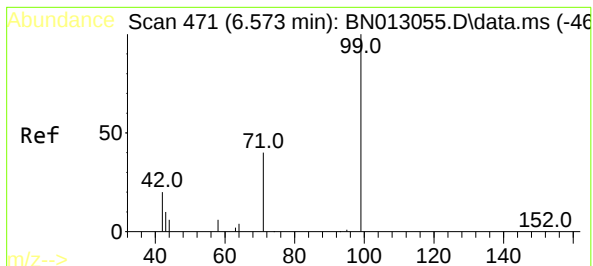
Tgt Ion:152 Resp: 1043
Ion Ratio Lower Upper
152 100
150 154.1 116.6 174.8
115 80.7 52.9 79.3#



#4
2-Fluorophenol
Concen: 0.26 ng
RT: 4.986 min Scan# 274
Delta R.T. 0.000 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

Tgt Ion:112 Resp: 991
Ion Ratio Lower Upper
112 100
64 34.4 49.5 74.3#
63 0.0 32.0 48.0#

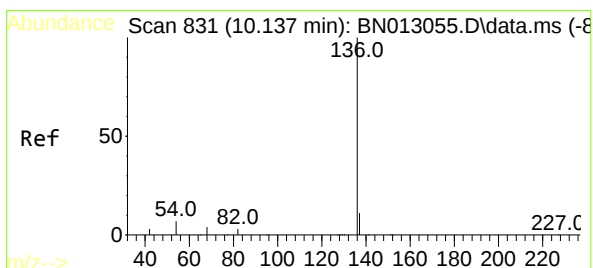
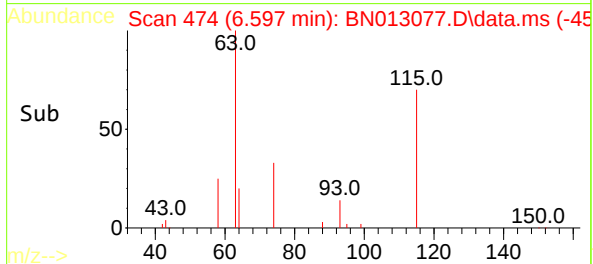
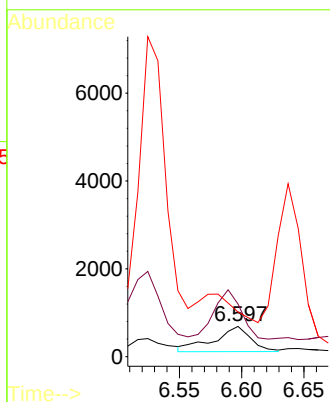
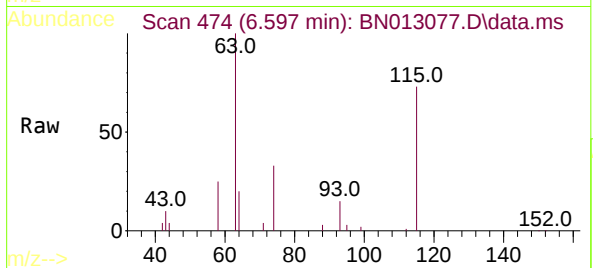




#5
Phenol-d6
Concen: 0.28 ng
RT: 6.597 min Scan# 474
Delta R.T. 0.024 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

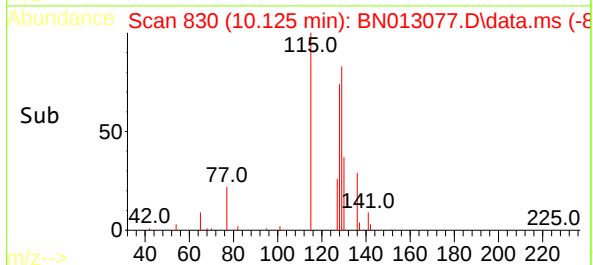
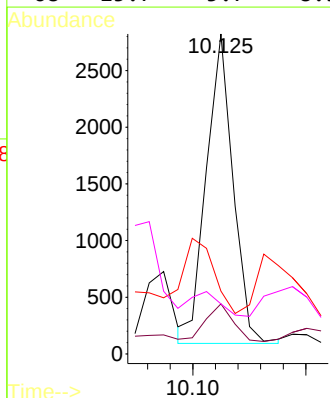
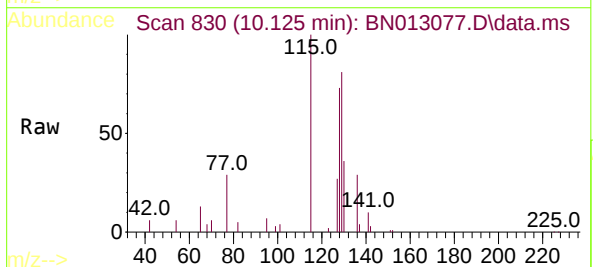
Instrument :
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ClientSampleId :
BES-12SR

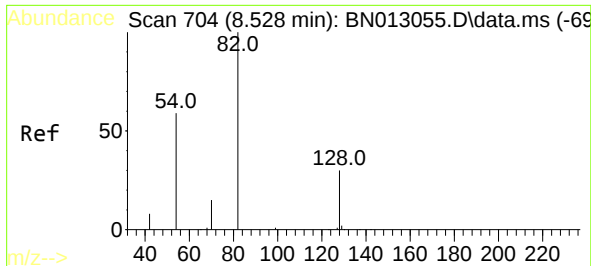
Tgt Ion: 99 Resp: 1199
Ion Ratio Lower Upper
99 100
42 142.6 22.4 33.6#
71 0.0 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. -0.013 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

Tgt Ion: 136 Resp: 4484
Ion Ratio Lower Upper
136 100
137 15.7 10.6 15.8
54 19.6 8.6 12.8#
68 15.7 5.7 8.5#

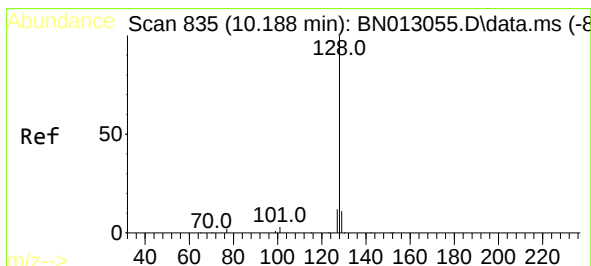
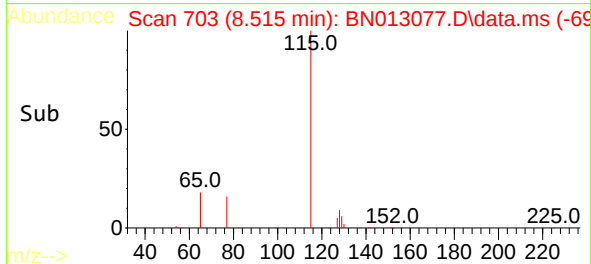
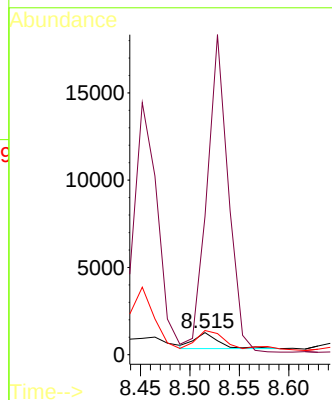
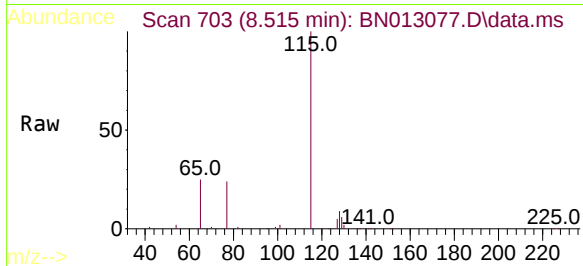




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.515 min Scan# 703
Delta R.T. -0.013 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

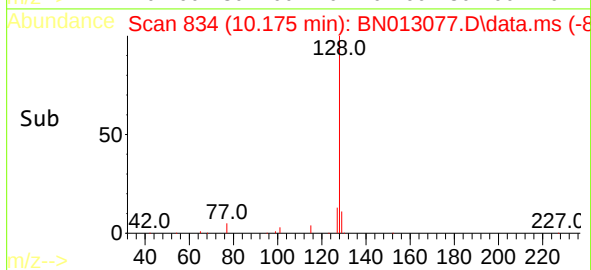
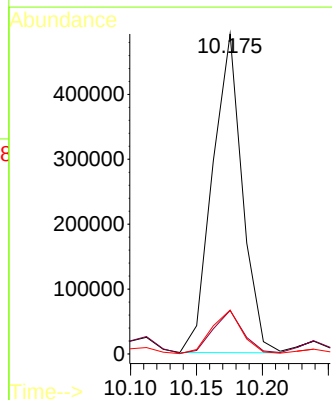
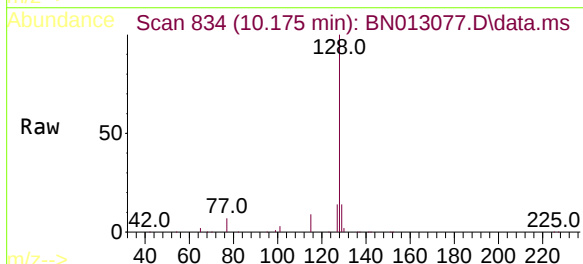
Instrument :
BNA_N
ClientSampleId :
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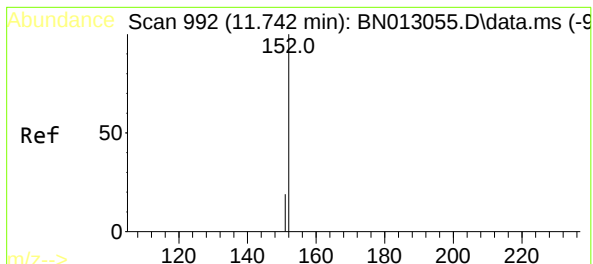
Tgt Ion: 82 Resp: 1562
Ion Ratio Lower Upper
82 100
128 628.1 30.6 46.0#
54 109.4 48.3 72.5#



#9
Naphthalene
Concen: 56.38 ng
RT: 10.175 min Scan# 834
Delta R.T. -0.013 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

Tgt Ion:128 Resp: 773371
Ion Ratio Lower Upper
128 100
129 13.6 9.8 14.8
127 13.7 12.2 18.4

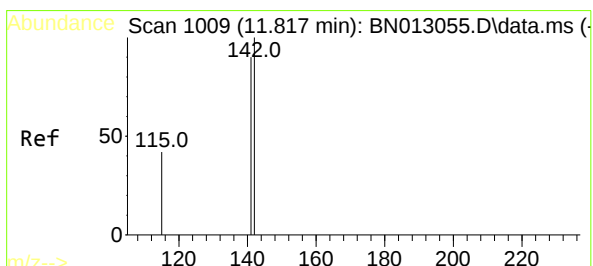
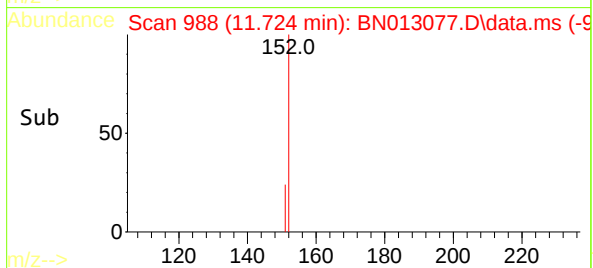
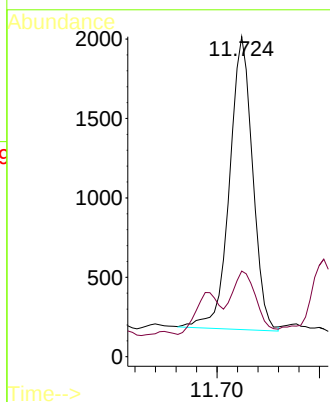
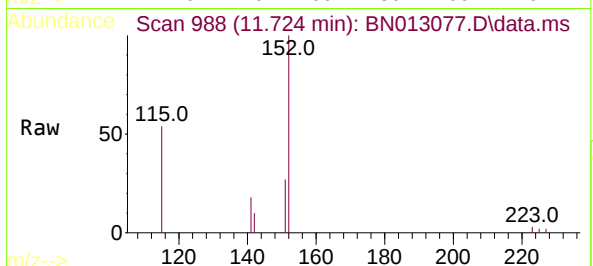




#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 11.724 min Scan# 988
Delta R.T. -0.018 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

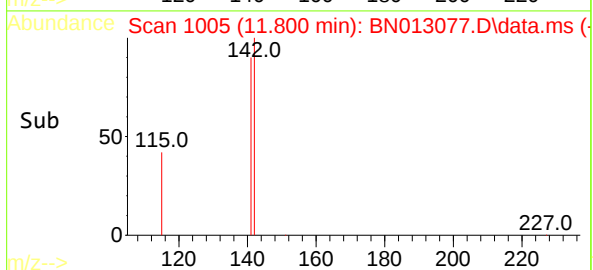
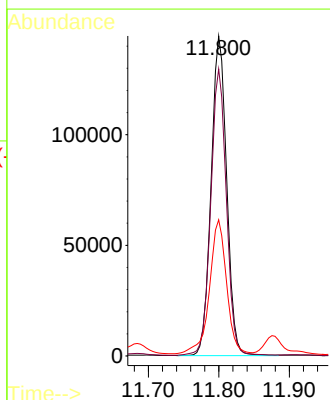
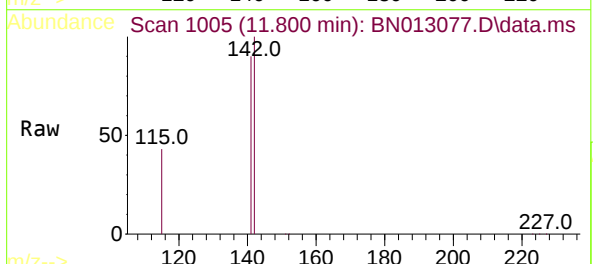
Instrument :
BNA_N
ClientSampleId :
BES-12SR

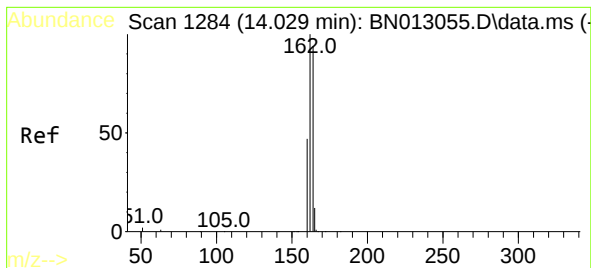
Tgt Ion:152 Resp: 2882
Ion Ratio Lower Upper
152 100
151 22.4 16.7 25.1



#12
2-Methylnaphthalene
Concen: 23.53 ng
RT: 11.800 min Scan# 1005
Delta R.T. -0.018 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

Tgt Ion:142 Resp: 221423
Ion Ratio Lower Upper
142 100
141 89.7 69.4 104.2
115 42.5 35.7 53.5

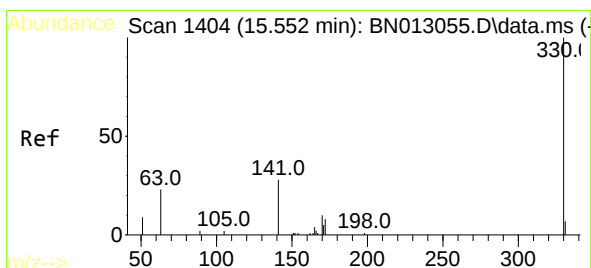
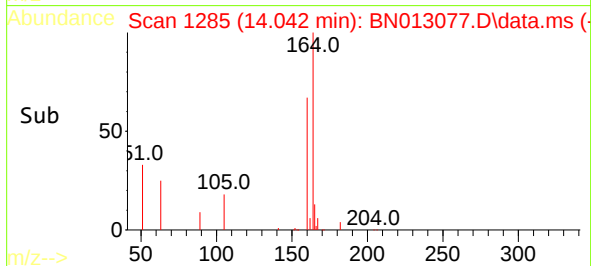
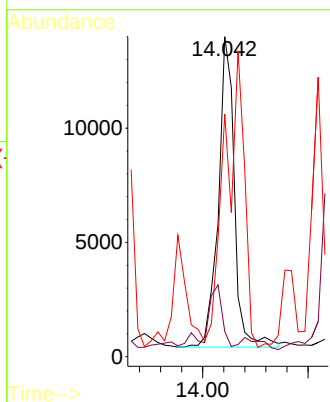
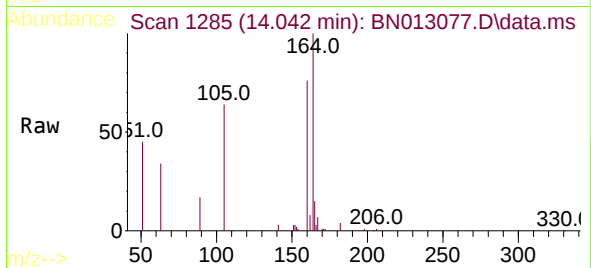




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.042 min Scan# 1285
Delta R.T. 0.013 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

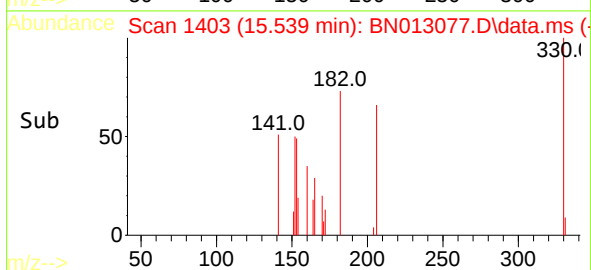
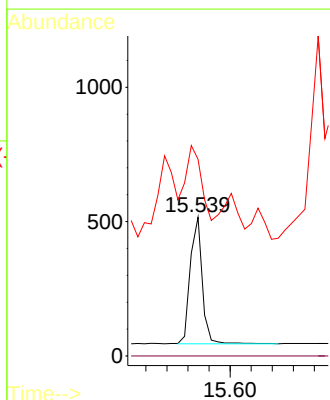
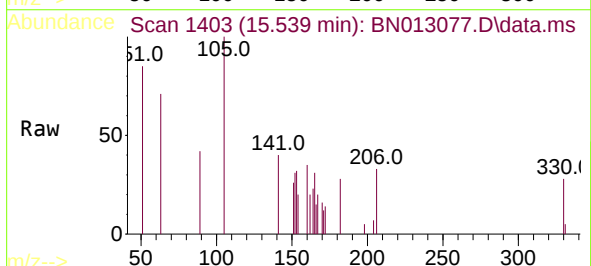
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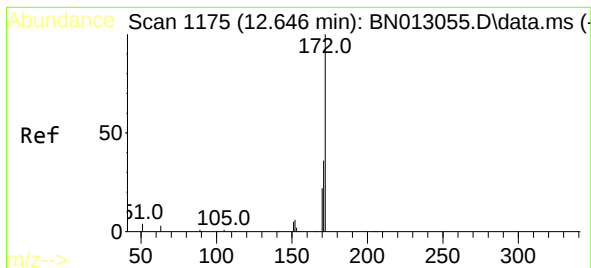
Tgt Ion:164 Resp: 28722
Ion Ratio Lower Upper
164 100
162 7.9 80.6 120.8#
160 75.8 39.5 59.3#



#14
2,4,6-Tribromophenol
Concen: 0.04 ng
RT: 15.539 min Scan# 1403
Delta R.T. -0.013 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

Tgt Ion:330 Resp: 747
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 73.8 34.4 51.6#

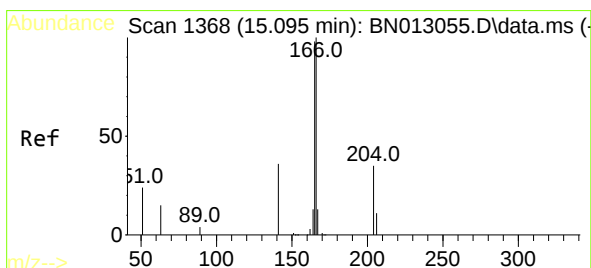
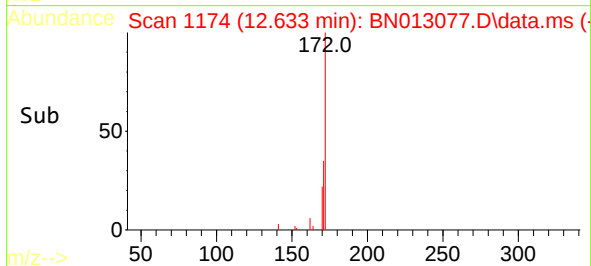
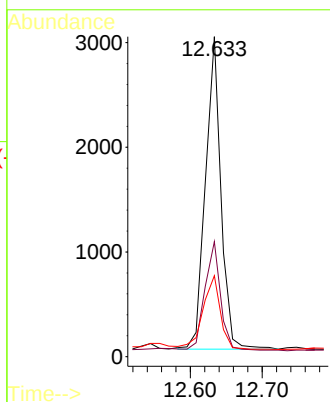
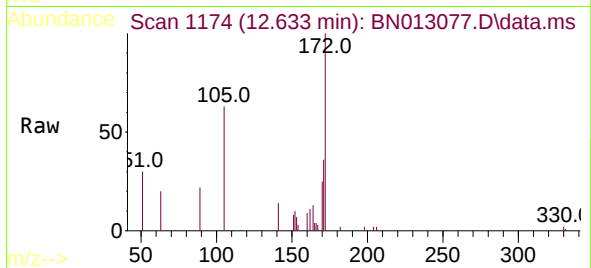




#15
2-Fluorobiphenyl
Concen: 0.04 ng
RT: 12.633 min Scan# 1174
Delta R.T. -0.013 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

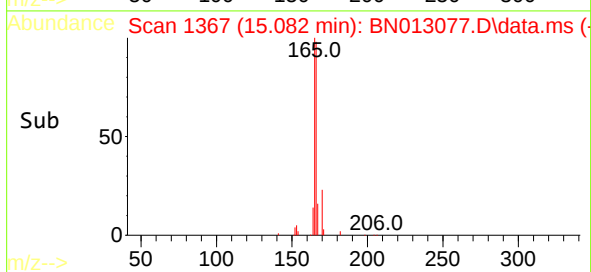
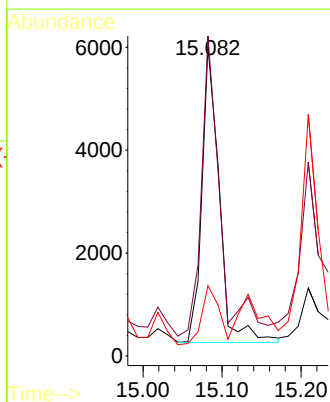
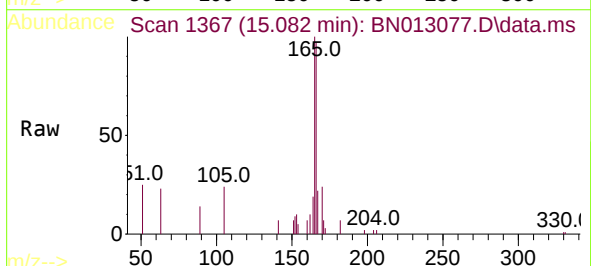
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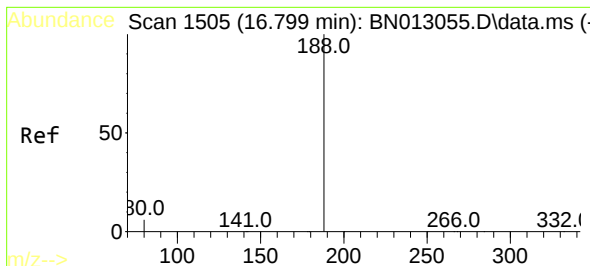
Tgt Ion:172	Resp:	4461	
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	25.3	20.0	30.0



#18
Fluorene
Concen: 0.07 ng
RT: 15.082 min Scan# 1367
Delta R.T. -0.013 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

Tgt Ion:166	Resp:	8778	
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	118.0
167	19.9	10.7	16.1#

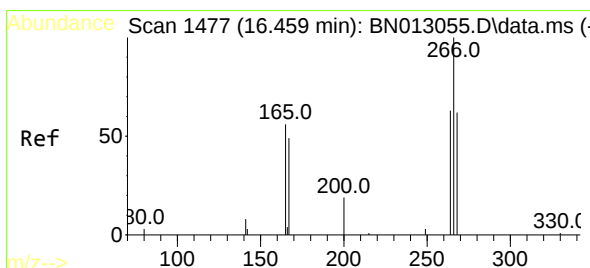
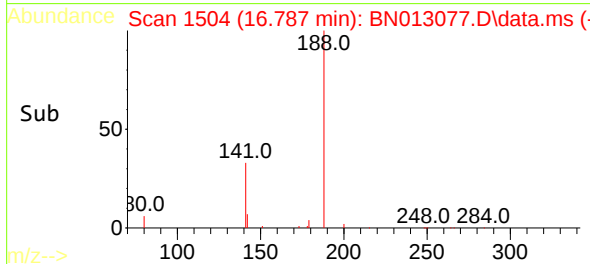
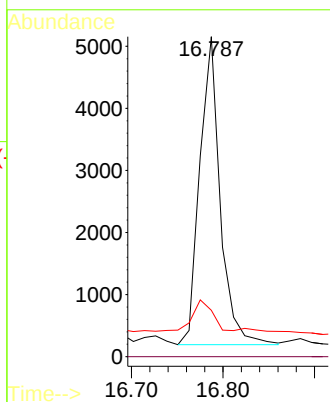
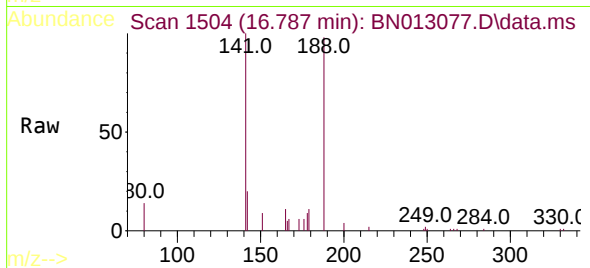




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. -0.012 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

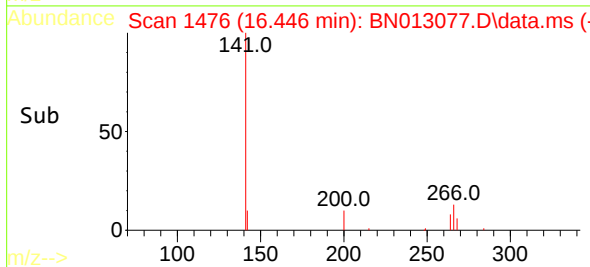
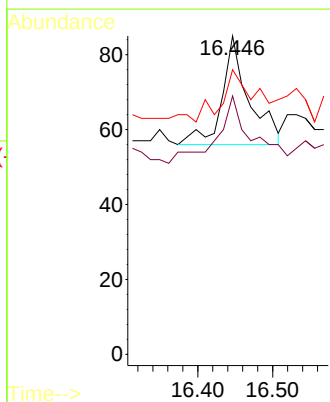
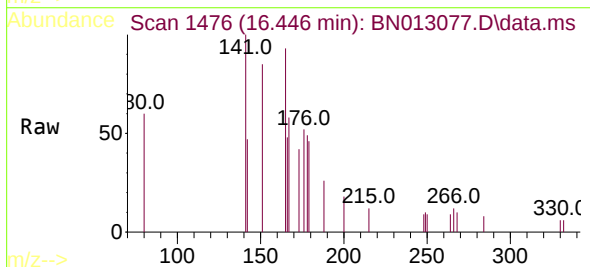
Instrument :
BNA_N
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BES-12SR

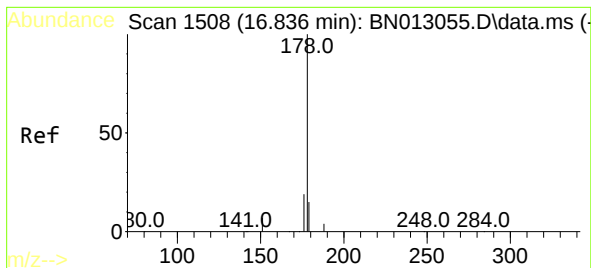
Tgt Ion:188 Resp: 7711
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 5.0 7.4#



#24
Pentachlorophenol
Concen: 0.03 ng
RT: 16.446 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

Tgt Ion:266 Resp: 72
Ion Ratio Lower Upper
266 100
264 51.4 50.9 76.3
268 38.9 51.5 77.3#





#25

Phenanthrene

Concen: 0.18 ng

RT: 16.824 min Scan# 1507

Delta R.T. -0.012 min

Lab File: BN013077.D

Acq: 12 Dec 2020 05:56

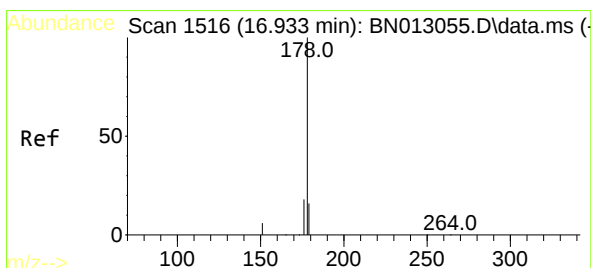
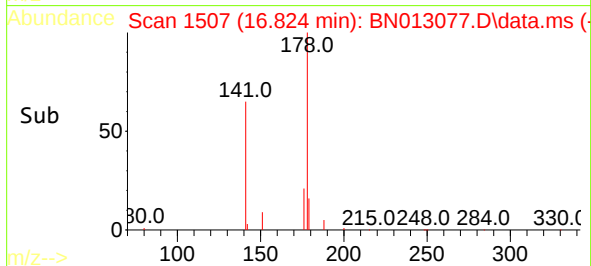
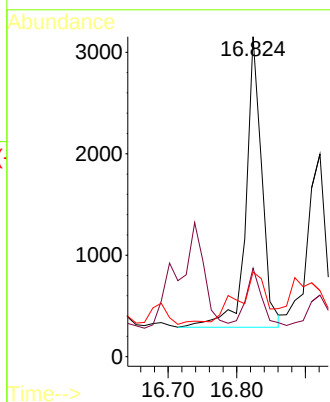
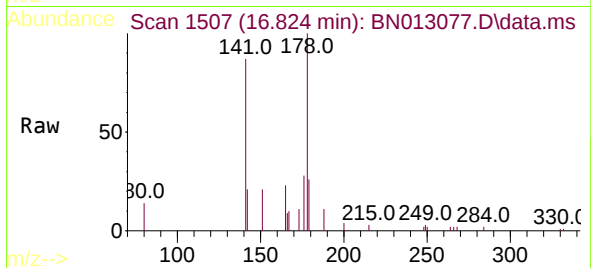
Tgt Ion:178	Resp:	4603
Ion Ratio	Lower	Upper
178	100	
176	21.5	14.8 22.2
179	30.0	12.4 18.6#

Instrument :

BNA_N

ClientSampleId :

BES-12SR



#26

Anthracene

Concen: 0.12 ng

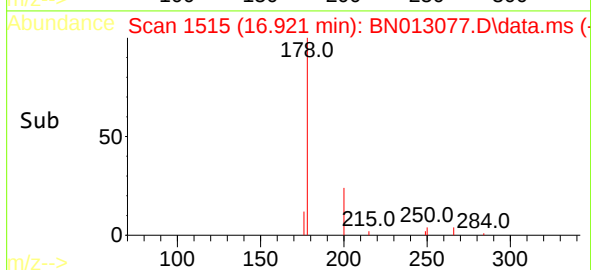
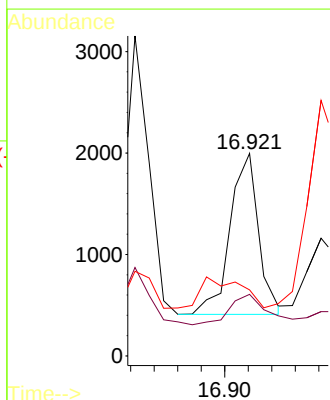
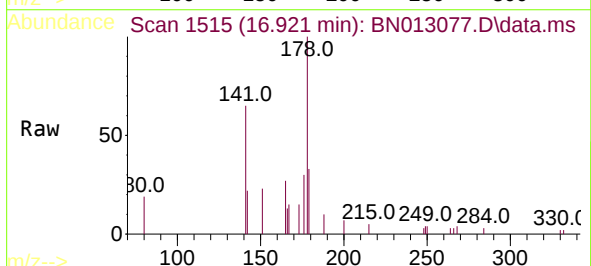
RT: 16.921 min Scan# 1515

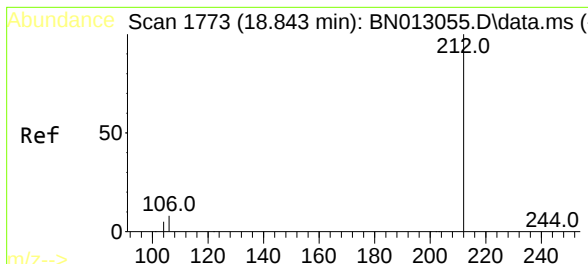
Delta R.T. -0.012 min

Lab File: BN013077.D

Acq: 12 Dec 2020 05:56

Tgt Ion:178	Resp:	2670
Ion Ratio	Lower	Upper
178	100	
176	24.7	14.8 22.2#
179	0.0	12.5 18.7#

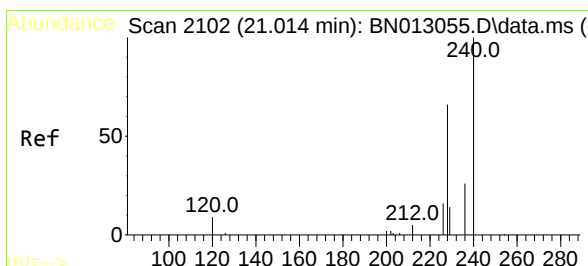
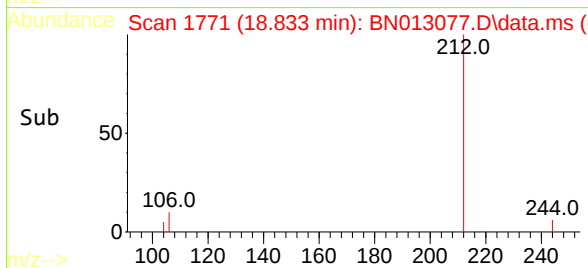
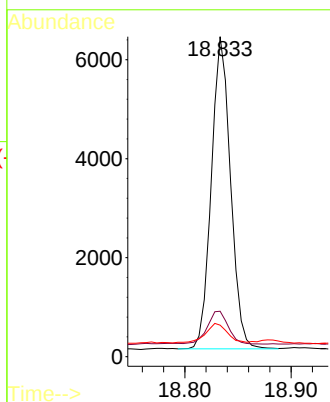
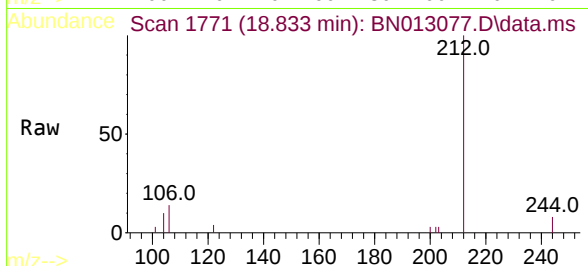




#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 18.833 min Scan# 1771
Delta R.T. -0.010 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

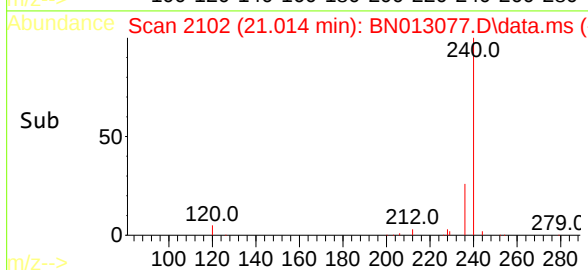
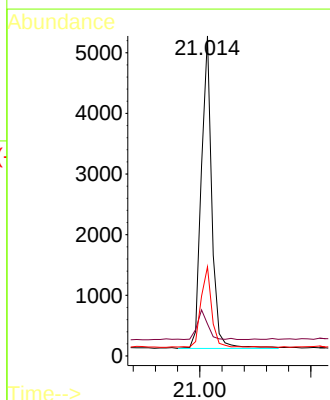
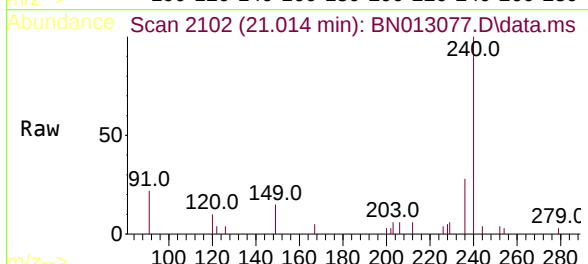
Instrument :
BNA_N
ClientSampleId :
BES-12SR

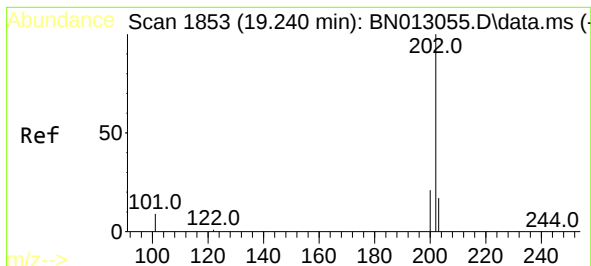
Tgt Ion:212 Resp: 7902
Ion Ratio Lower Upper
212 100
106 11.6 6.8 10.2#
104 7.8 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.014 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

Tgt Ion:240 Resp: 6755
Ion Ratio Lower Upper
240 100
120 10.0 5.3 7.9#
236 27.8 21.8 32.8





#30

Pyrene

Concen: 0.14 ng

RT: 19.230 min Scan# 1851

Delta R.T. -0.010 min

Lab File: BN013077.D

Acq: 12 Dec 2020 05:56

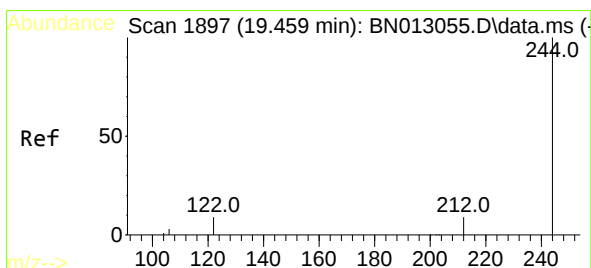
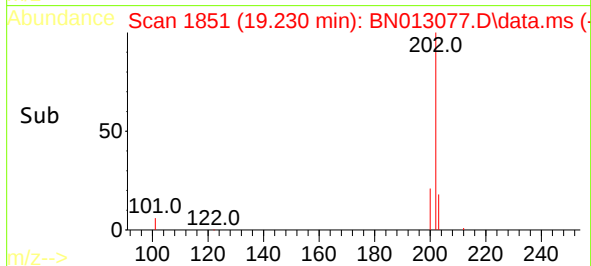
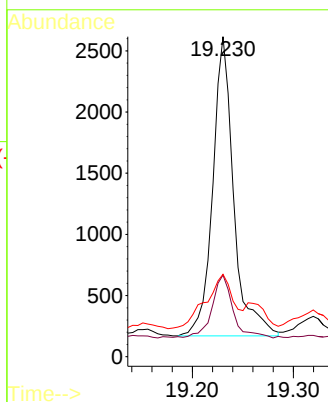
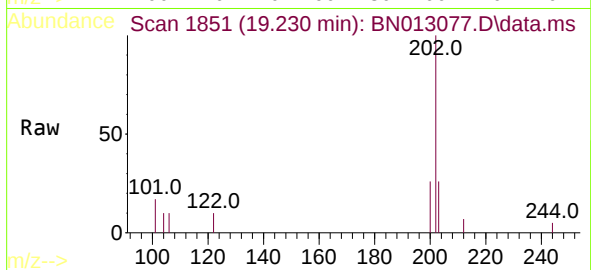
Tgt Ion:	202	Resp:	3527
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	24.8
203	24.2	13.8	20.8#

Instrument :

BNA_N

ClientSampleId :

BES-12SR



#31

Terphenyl-d14

Concen: 0.41 ng

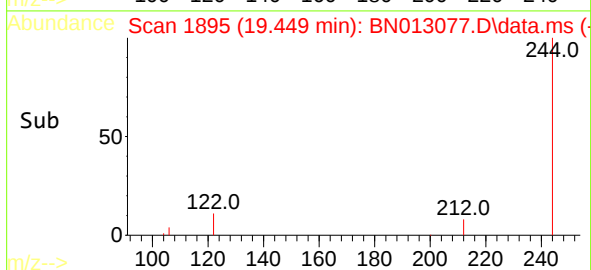
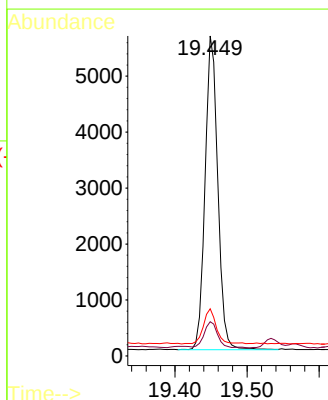
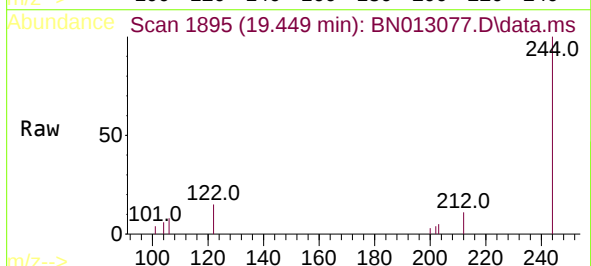
RT: 19.449 min Scan# 1895

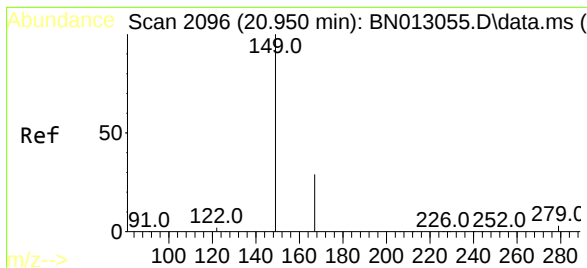
Delta R.T. -0.010 min

Lab File: BN013077.D

Acq: 12 Dec 2020 05:56

Tgt Ion:	244	Resp:	6870
Ion Ratio	Lower	Upper	
244	100		
212	10.7	7.3	10.9
122	14.7	7.3	10.9#

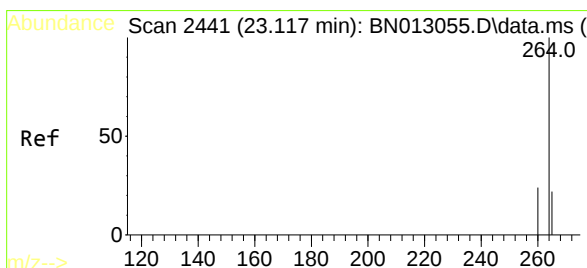
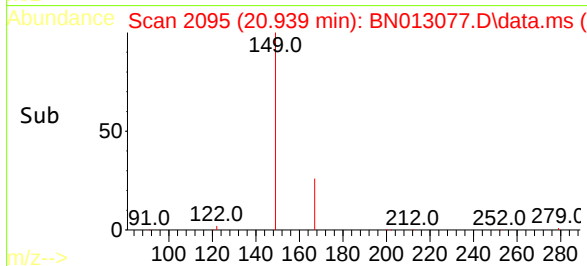
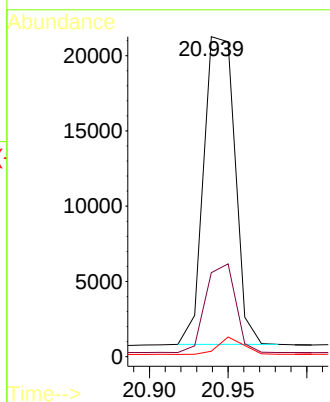
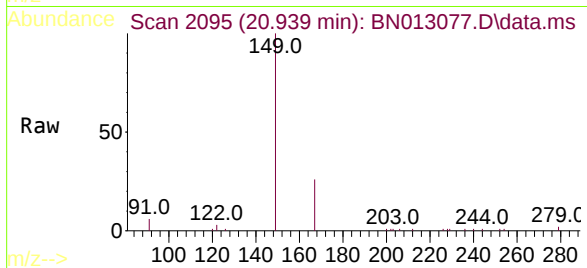




#34
Bis(2-ethylhexyl)phthalate
Concen: 1.87 ng
RT: 20.939 min Scan# 2095
Delta R.T. -0.011 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

Instrument :
BNA_N
ClientSampleId :
BES-12SR

Tgt Ion:149 Resp: 28280
Ion Ratio Lower Upper
149 100
167 27.6 23.2 34.8
279 4.5 3.9 5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.107 min Scan# 2438
Delta R.T. -0.010 min
Lab File: BN013077.D
Acq: 12 Dec 2020 05:56

Tgt Ion:264 Resp: 6896
Ion Ratio Lower Upper
264 100
260 25.6 19.8 29.6
265 59.9 51.4 77.0

