

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
 Data File : BN013078.D
 Acq On : 12 Dec 2020 06:32
 Operator : CG/JU
 Sample : L5033-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-48

Quant Time: Dec 14 03:05:33 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)

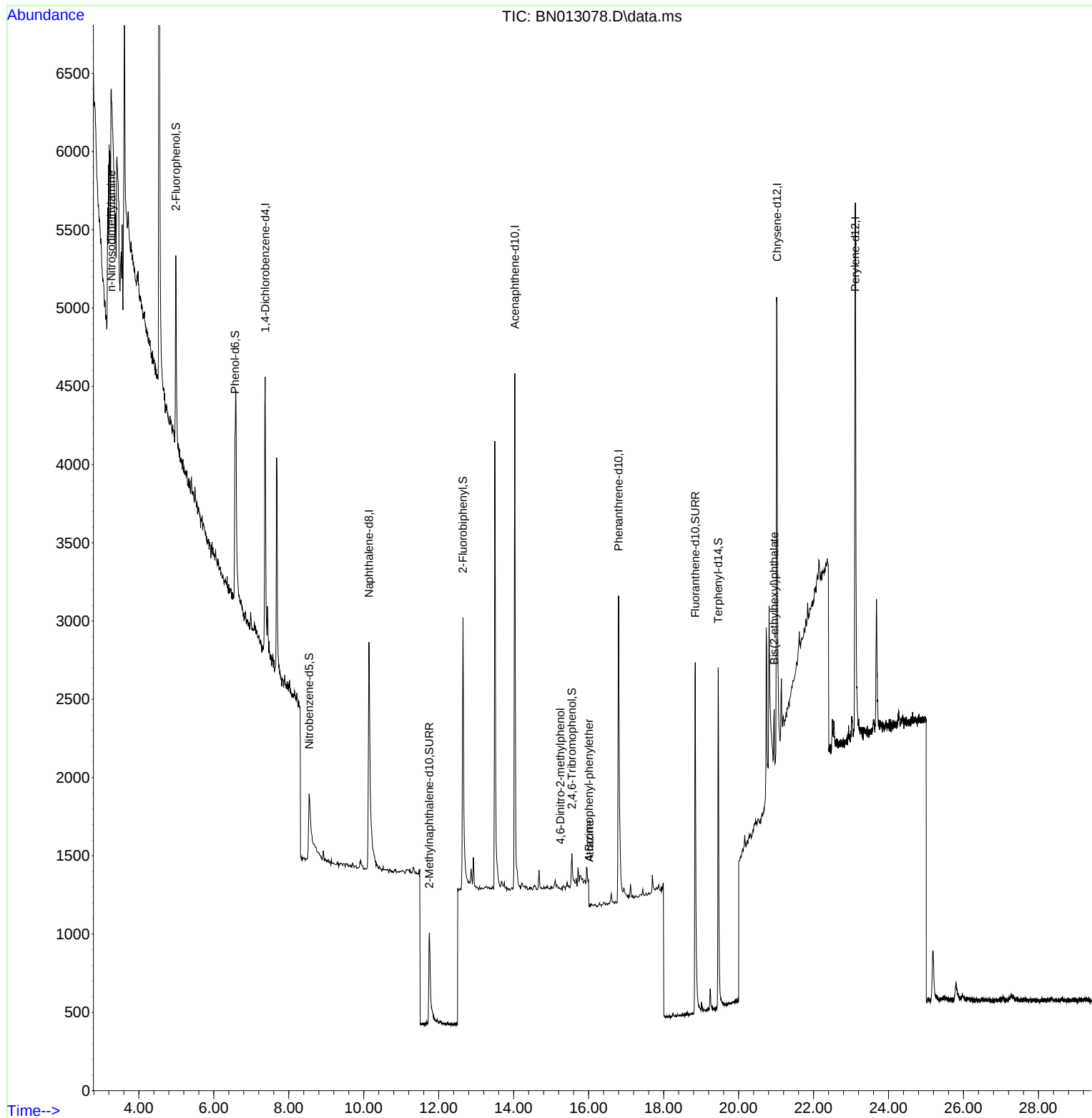
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.370	152	1105	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	3595	0.40	ng	# 0.00
13) Acenaphthene-d10	14.029	164	2068	0.40	ng	0.00
19) Phenanthrene-d10	16.799	188	4220	0.40	ng	# 0.00
29) Chrysene-d12	21.024	240	4161	0.40	ng	# 0.01
36) Perylene-d12	23.113	264	4972	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.986	112	1048	0.26	ng	0.00
5) Phenol-d6	6.565	99	1125	0.25	ng	0.00
8) Nitrobenzene-d5	8.540	82	907	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	11.751	152	1618	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.551	330	252	0.19	ng	0.00
15) 2-Fluorobiphenyl	12.646	172	2208	0.24	ng	0.00
27) Fluoranthene-d10	18.843	212	3667	0.26	ng	0.00
31) Terphenyl-d14	19.459	244	3029	0.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.086	88	29	Below Cal	#	65
3) n-Nitrosodimethylamine	3.263	42	115	0.04	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.247	198	4	0.10	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	68	0.07	ng	# 68
23) Atrazine	16.020	200	208	0.08	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.950	149	335	0.04	ng	99

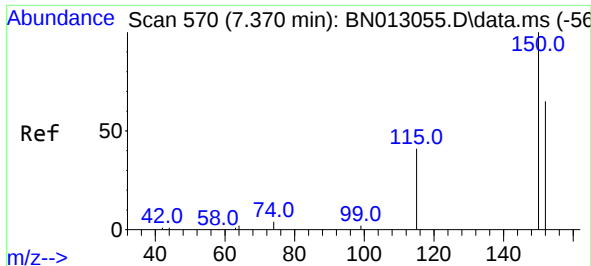
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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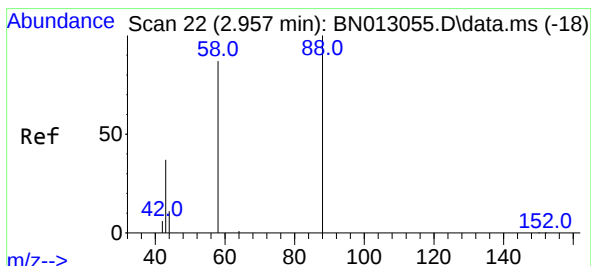
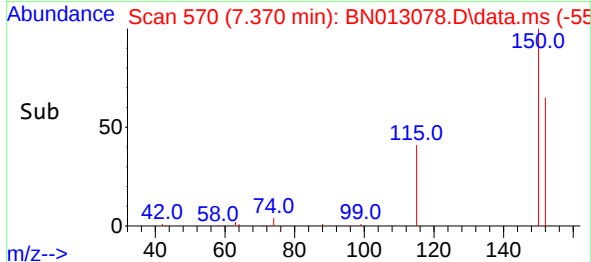
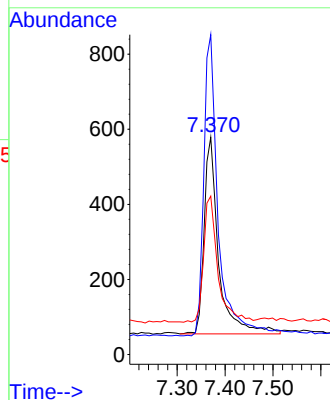
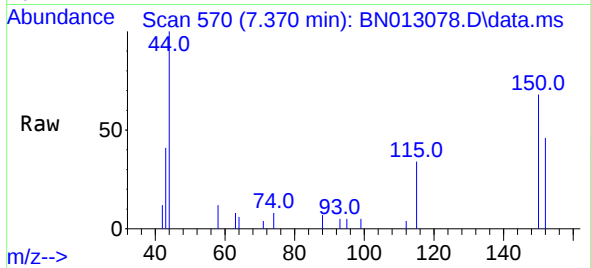




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.370 min Scan# 570
Delta R.T. 0.000 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

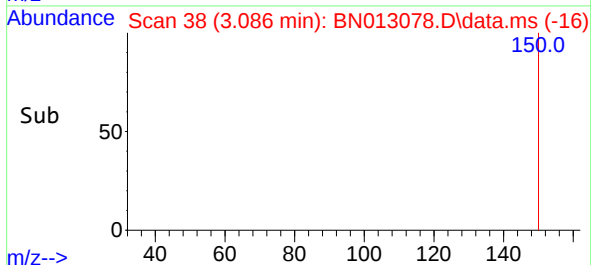
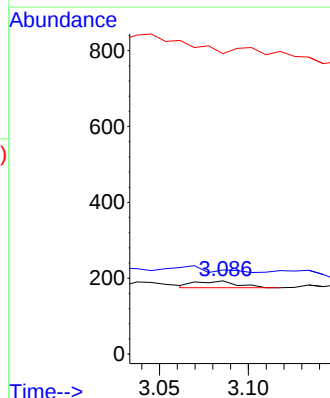
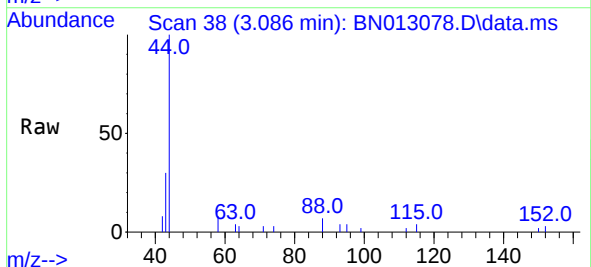
Instrument :
BNA_N
ClientSampled :
CS-48

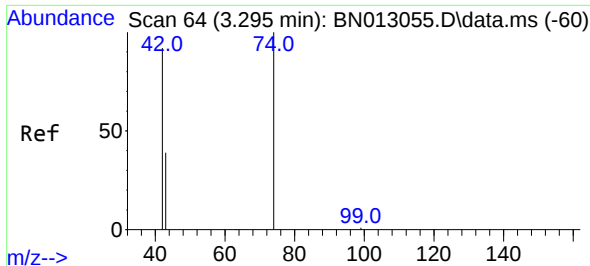
Tgt Ion:152 Resp: 1105
Ion Ratio Lower Upper
152 100
150 147.2 116.6 174.8
115 72.9 52.9 79.3



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.086 min Scan# 38
Delta R.T. 0.129 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
58 89.7 59.4 89.2#
43 0.0 32.3 48.5#

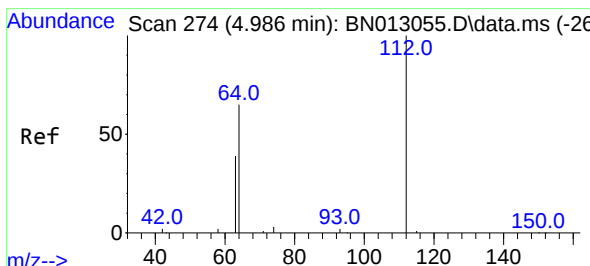
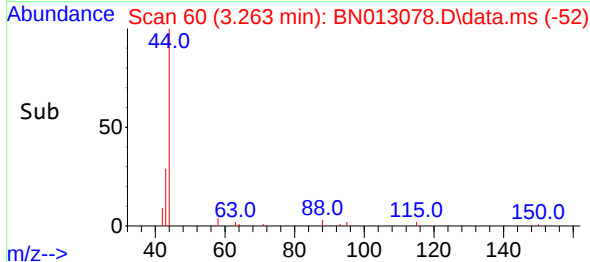
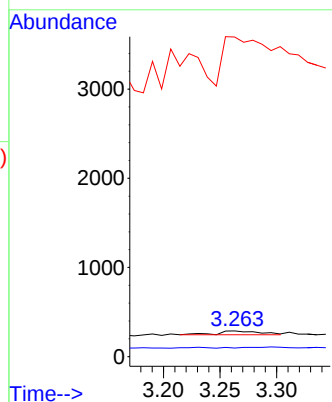
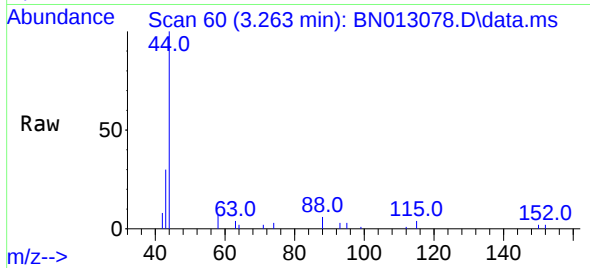




#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.032 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

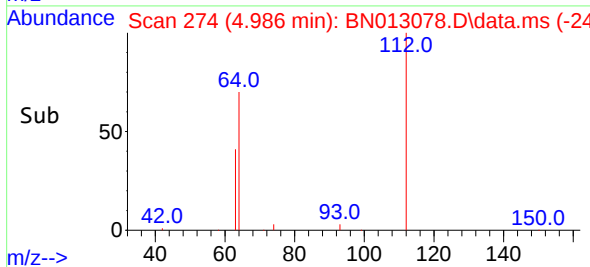
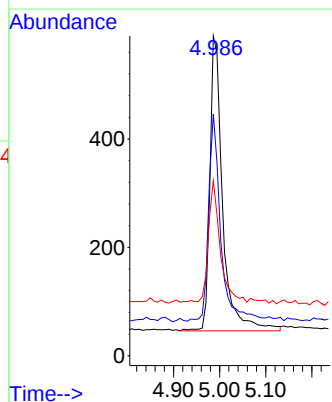
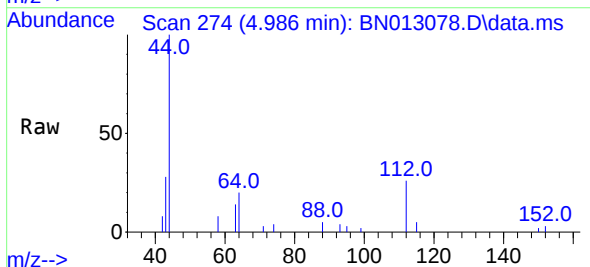
Instrument :
BNA_N
ClientSampled :
CS-48

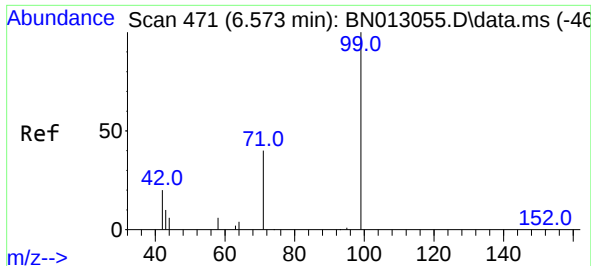
Tgt Ion: 42 Resp: 115
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 2314.8 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.26 ng
RT: 4.986 min Scan# 274
Delta R.T. -0.000 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

Tgt Ion: 112 Resp: 1048
Ion Ratio Lower Upper
112 100
64 66.7 49.5 74.3
63 38.1 32.0 48.0

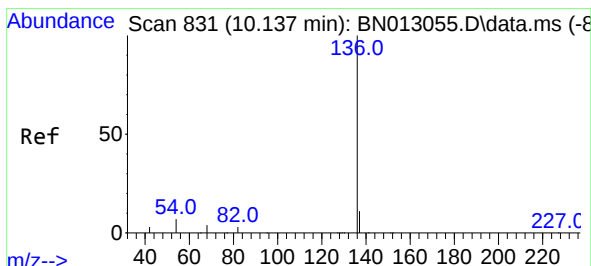
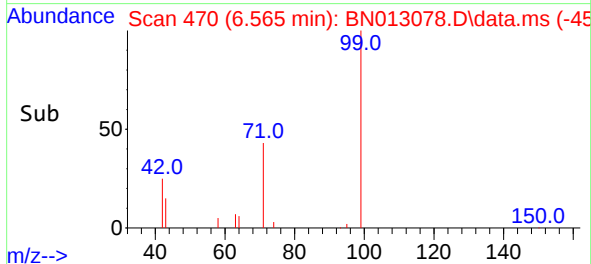
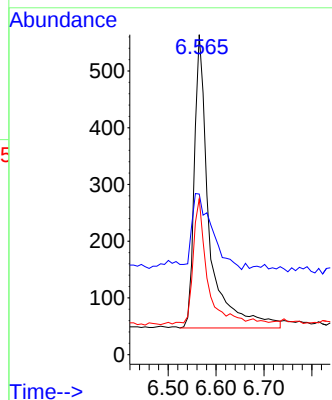
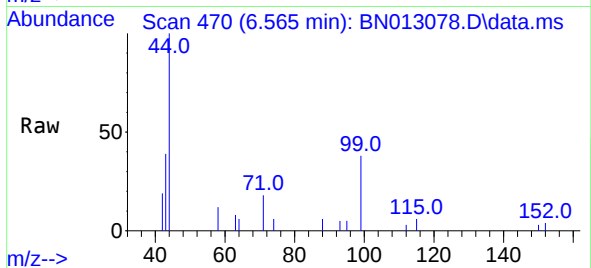




#5
Phenol-d6
Concen: 0.25 ng
RT: 6.565 min Scan# 470
Delta R.T. -0.008 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

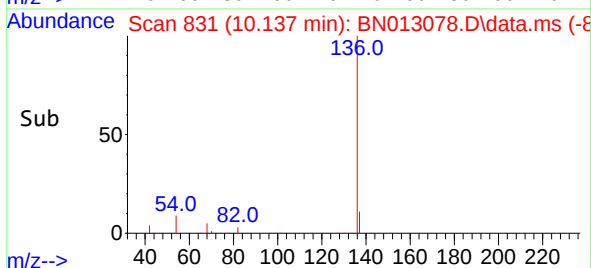
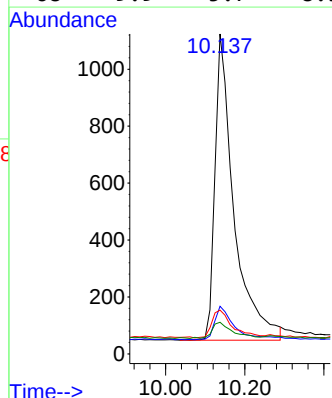
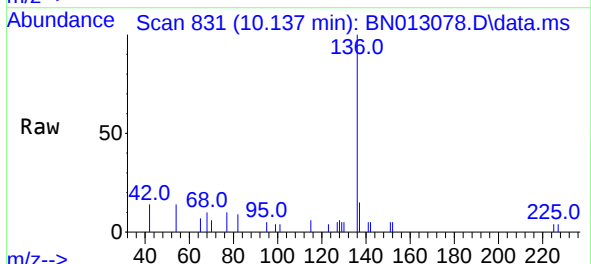
Instrument :
BNA_N
ClientSampled :
CS-48

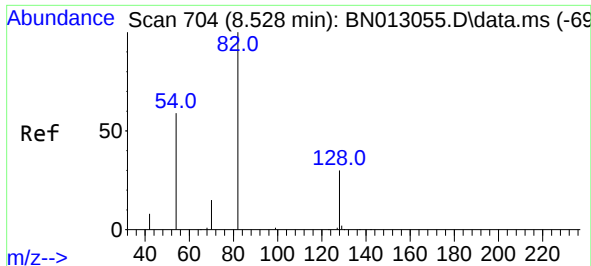
Tgt Ion: 99 Resp: 1125
Ion Ratio Lower Upper
99 100
42 34.7 22.4 33.6#
71 39.5 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. -0.000 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

Tgt Ion: 136 Resp: 3595
Ion Ratio Lower Upper
136 100
137 14.9 10.6 15.8
54 13.7 8.6 12.8#
68 9.9 5.7 8.5#

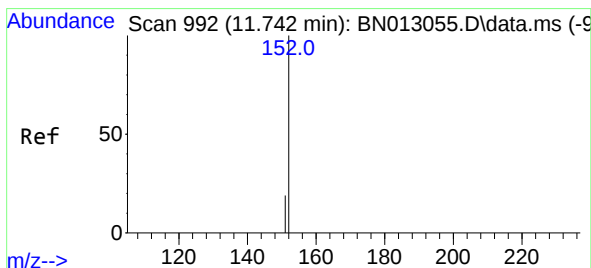
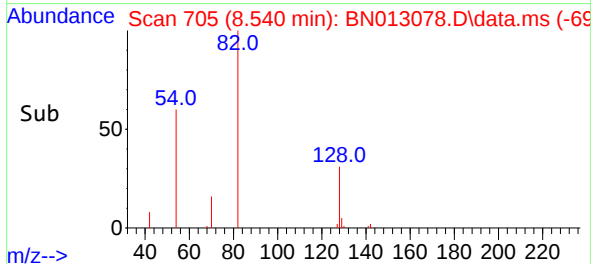
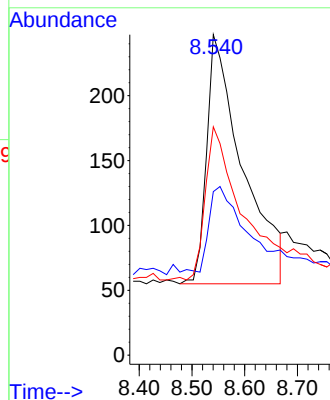
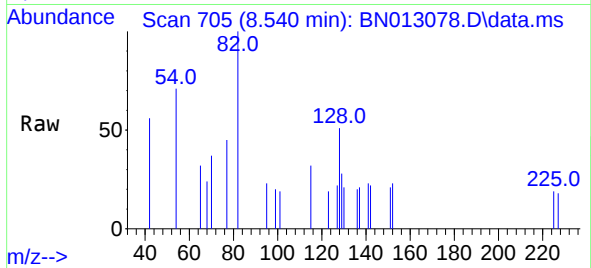




#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.012 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

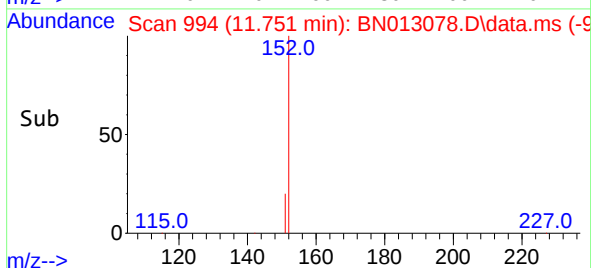
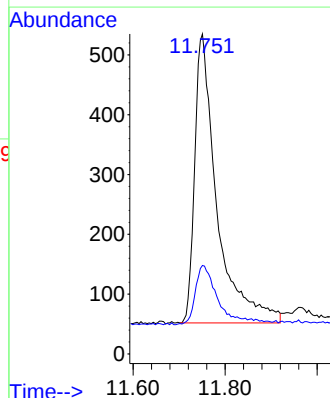
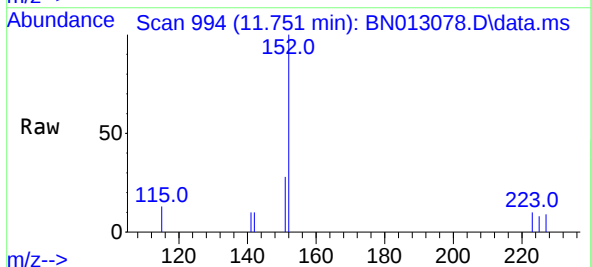
Instrument :
BNA_N
ClientSampleId :
CS-48

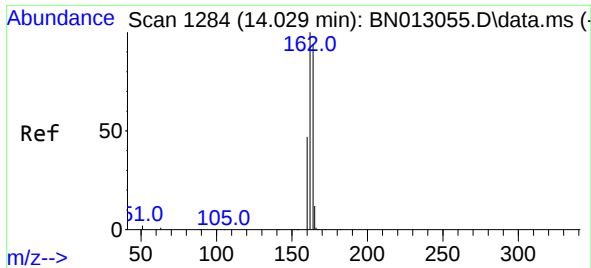
Tgt Ion: 82 Resp: 907
Ion Ratio Lower Upper
82 100
128 51.0 30.6 46.0#
54 71.3 48.3 72.5



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.751 min Scan# 994
Delta R.T. 0.009 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

Tgt Ion: 152 Resp: 1618
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1

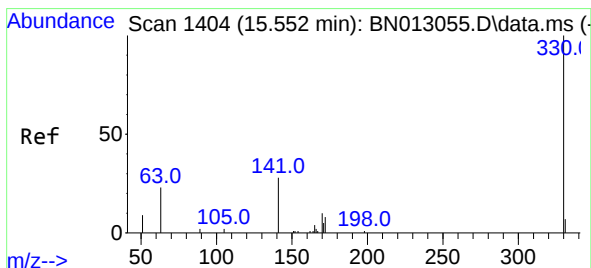
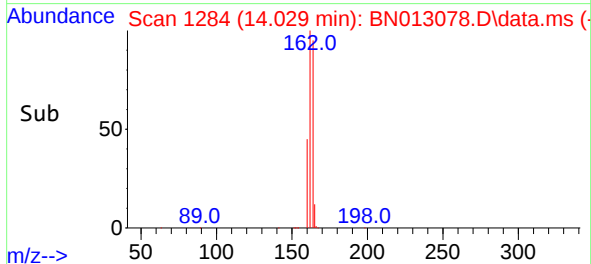
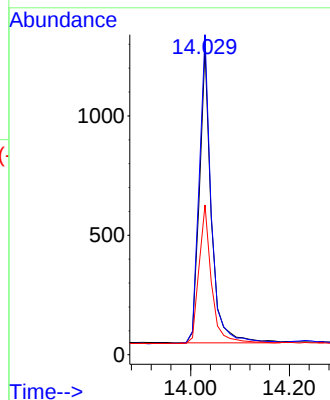
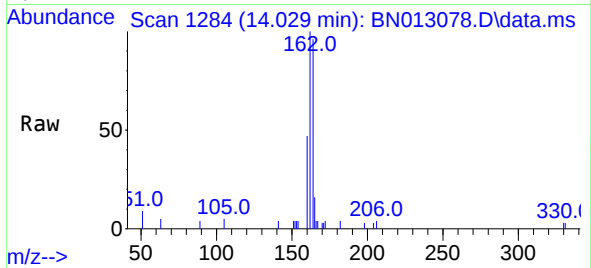




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

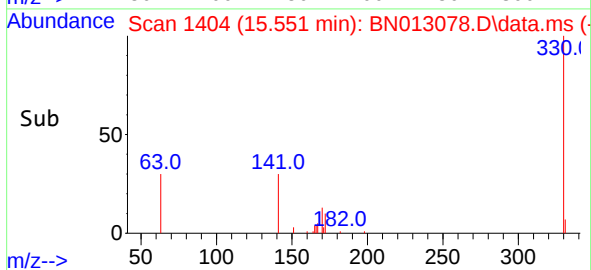
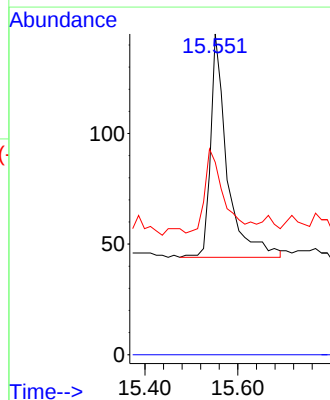
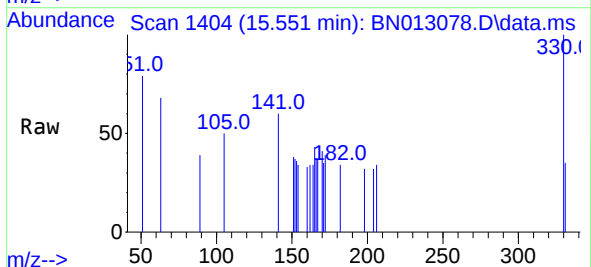
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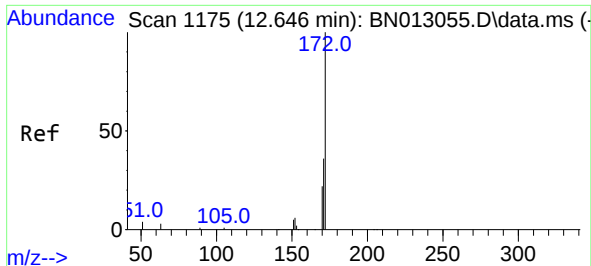
Tgt Ion:	164	Resp:	2068
Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.6	120.8
160	48.9	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.551 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

Tgt Ion:	330	Resp:	252
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.0	34.4	51.6

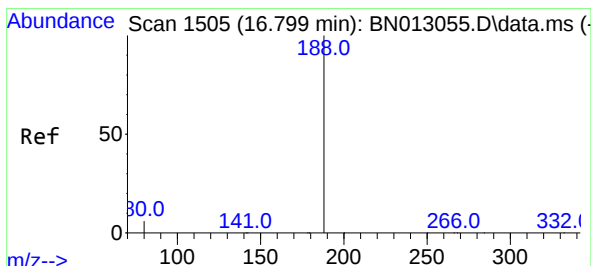
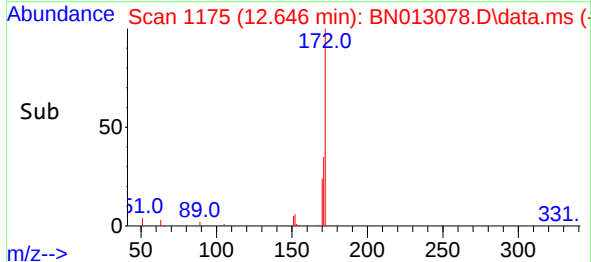
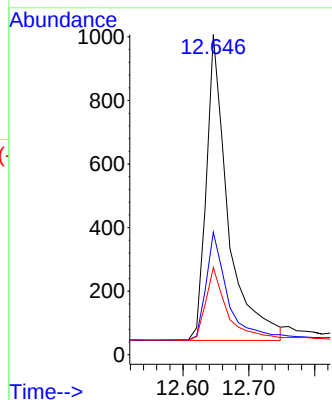
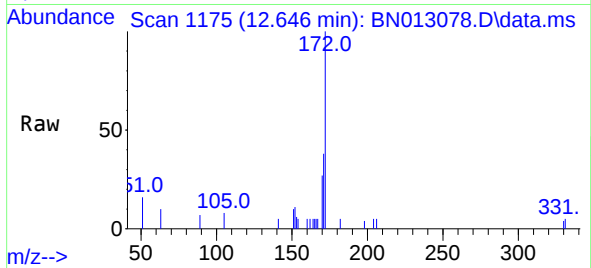




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.646 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

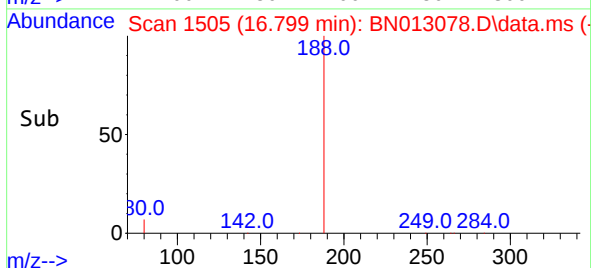
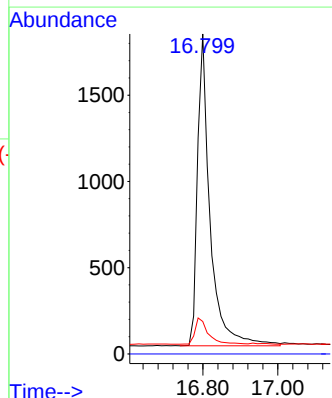
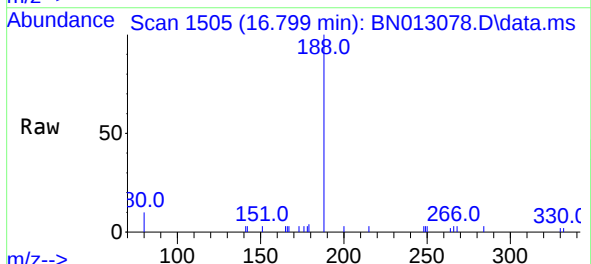
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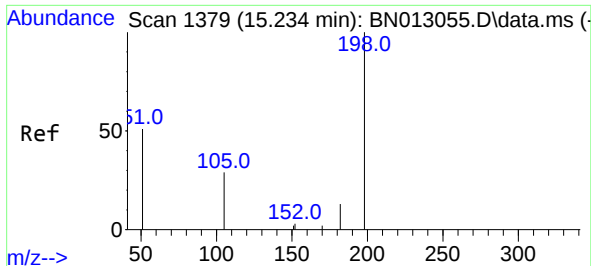
Tgt Ion:	172	Resp:	2208
Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.2	42.4
170	27.2	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.799 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

Tgt Ion:	188	Resp:	4220
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	5.0	7.4#

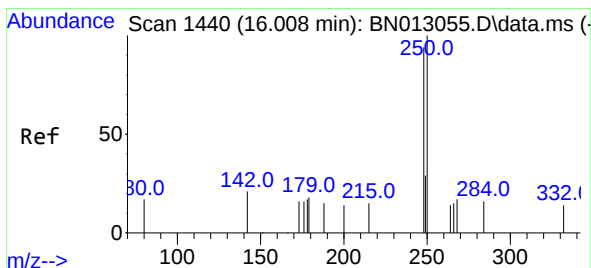
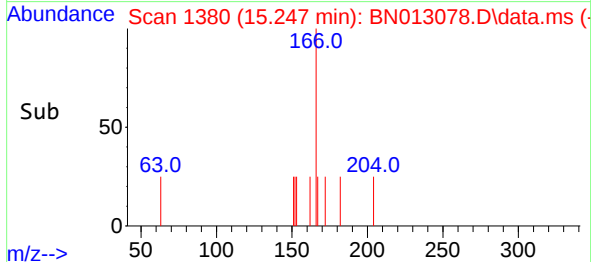
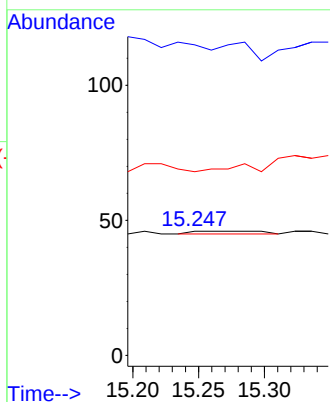
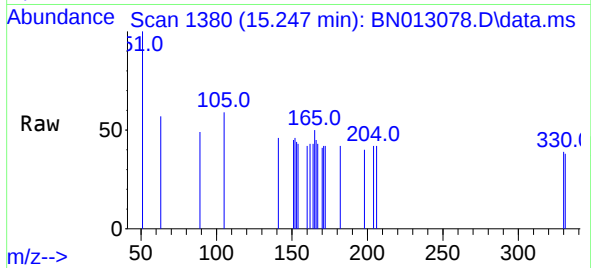




#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.247 min Scan# 1380
Delta R.T. 0.013 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

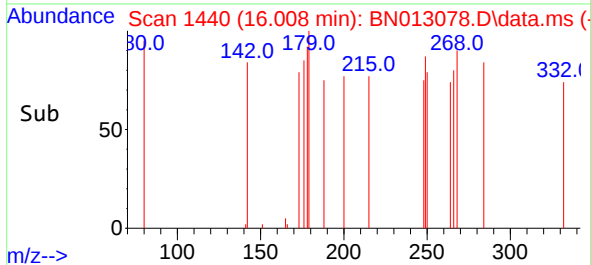
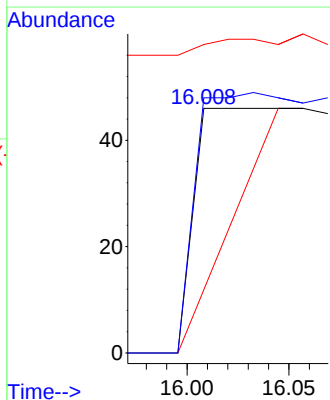
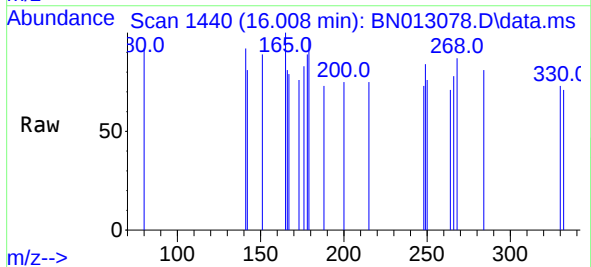
Instrument :
BNA_N
ClientSampled :
CS-48

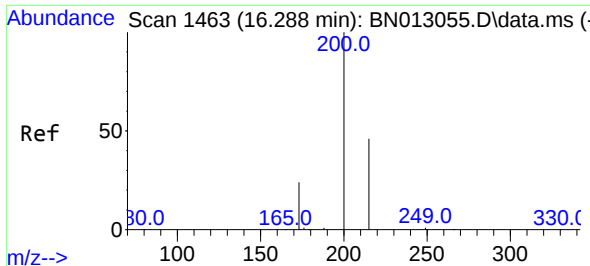
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 250.0 43.5 65.3#
105 147.8 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.07 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

Tgt Ion:248 Resp: 68
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 126.1 57.8 86.8#

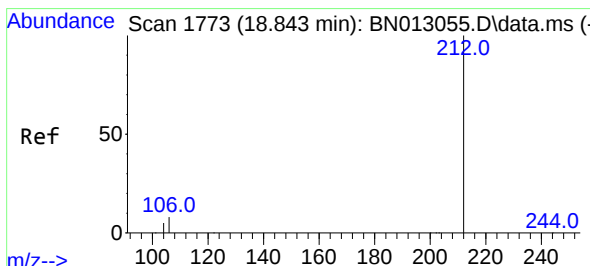
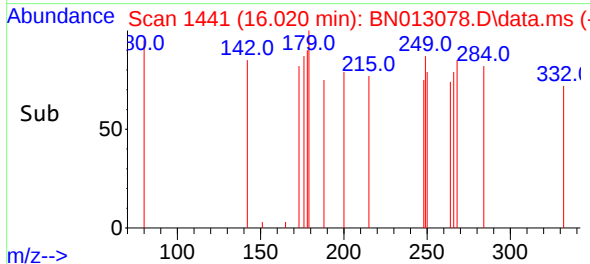
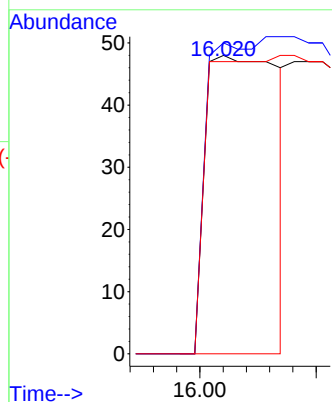
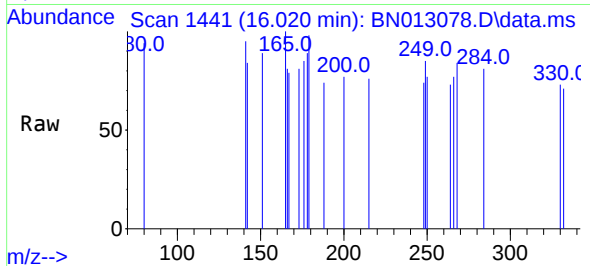




#23
Atrazine
Concen: 0.08 ng
RT: 16.020 min Scan# 1441
Delta R.T. -0.268 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

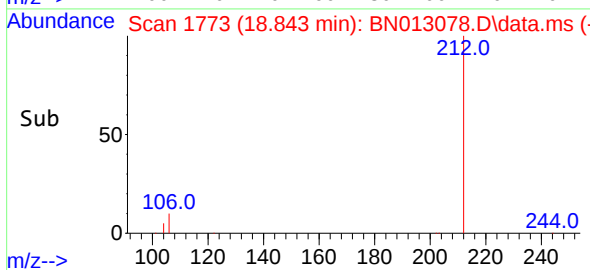
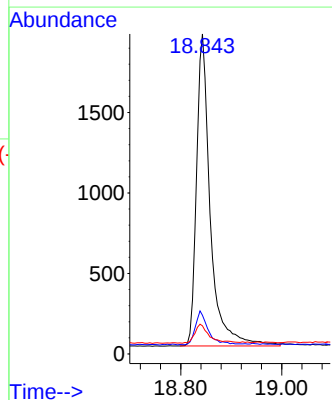
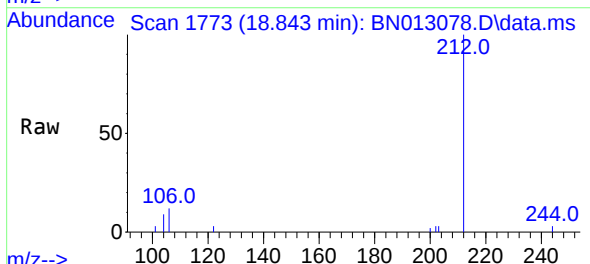
Instrument :
BNA_N
ClientSampled :
CS-48

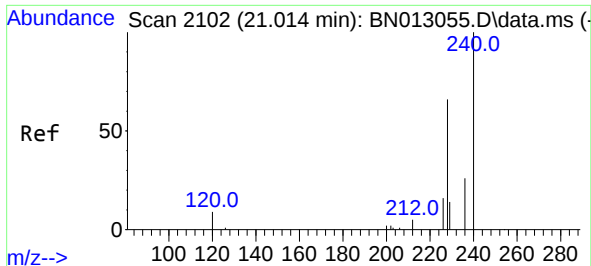
Tgt Ion:200 Resp: 208
Ion Ratio Lower Upper
200 100
173 104.2 22.8 34.2#
215 97.9 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.26 ng
RT: 18.843 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

Tgt Ion:212 Resp: 3667
Ion Ratio Lower Upper
212 100
106 10.0 6.8 10.2
104 5.9 4.1 6.1

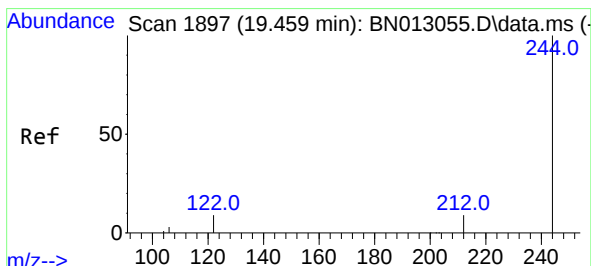
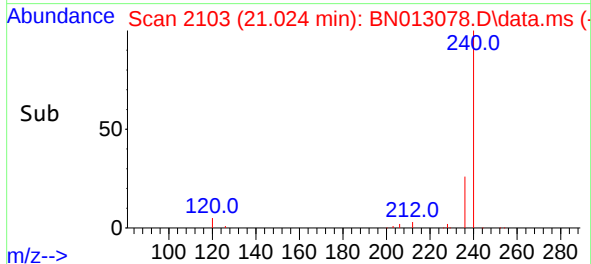
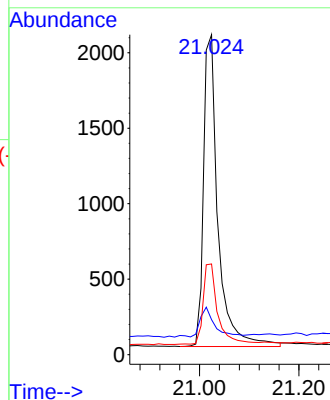
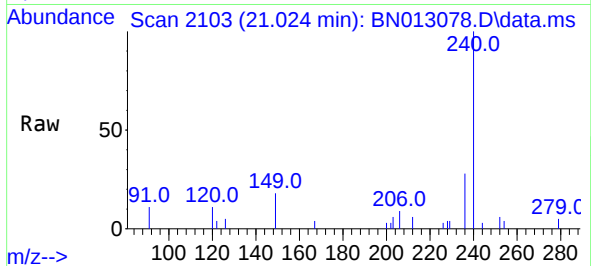




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.024 min Scan# 2103
Delta R.T. 0.010 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

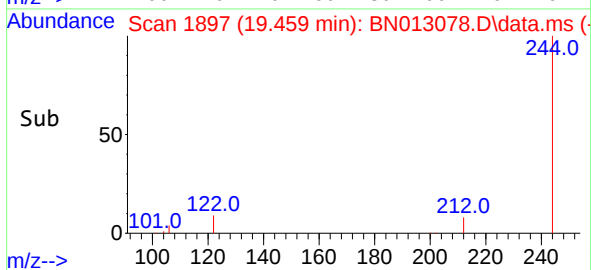
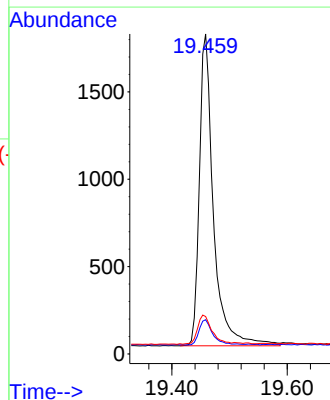
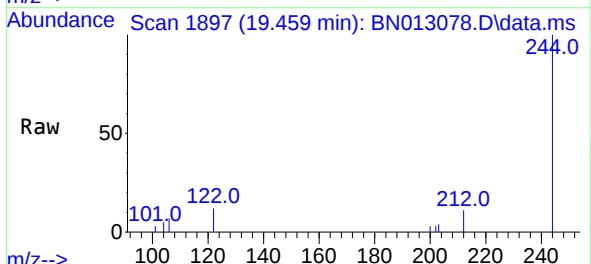
Instrument :
BNA_N
ClientSampled :
CS-48

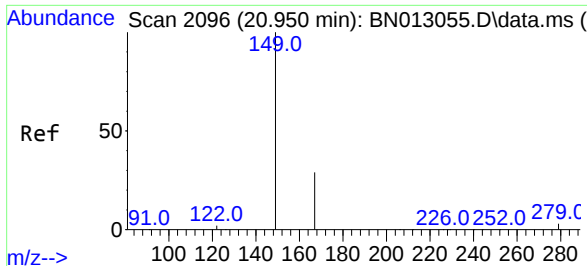
Tgt Ion:240 Resp: 4161
Ion Ratio Lower Upper
240 100
120 10.9 5.3 7.9#
236 28.3 21.8 32.8



#31
Terphenyl-d14
Concen: 0.29 ng
RT: 19.459 min Scan# 1897
Delta R.T. -0.000 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

Tgt Ion:244 Resp: 3029
Ion Ratio Lower Upper
244 100
212 10.7 7.3 10.9
122 11.7 7.3 10.9#

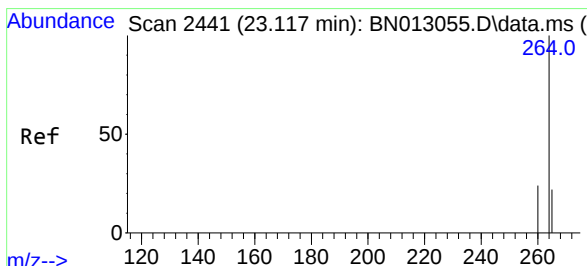
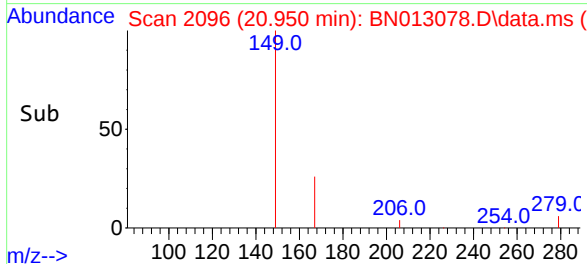
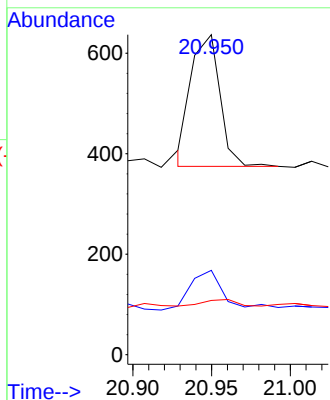
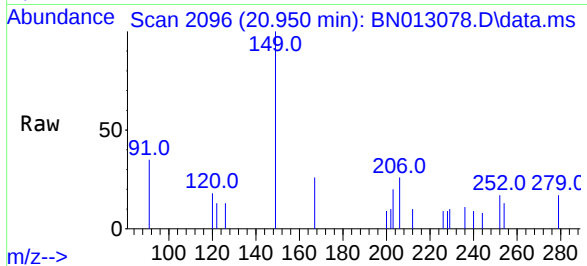




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 20.950 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

Instrument :
BNA_N
ClientSampleId :
CS-48

Tgt Ion:149 Resp: 335
Ion Ratio Lower Upper
149 100
167 28.7 23.2 34.8
279 5.4 3.9 5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.113 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BN013078.D
Acq: 12 Dec 2020 06:32

Tgt Ion:264 Resp: 4972
Ion Ratio Lower Upper
264 100
260 26.1 19.8 29.6
265 72.0 51.4 77.0

