

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
 Data File : BN013080.D
 Acq On : 12 Dec 2020 07:44
 Operator : CG/JU
 Sample : L4996-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20201208

Quant Time: Dec 14 03:05:51 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)

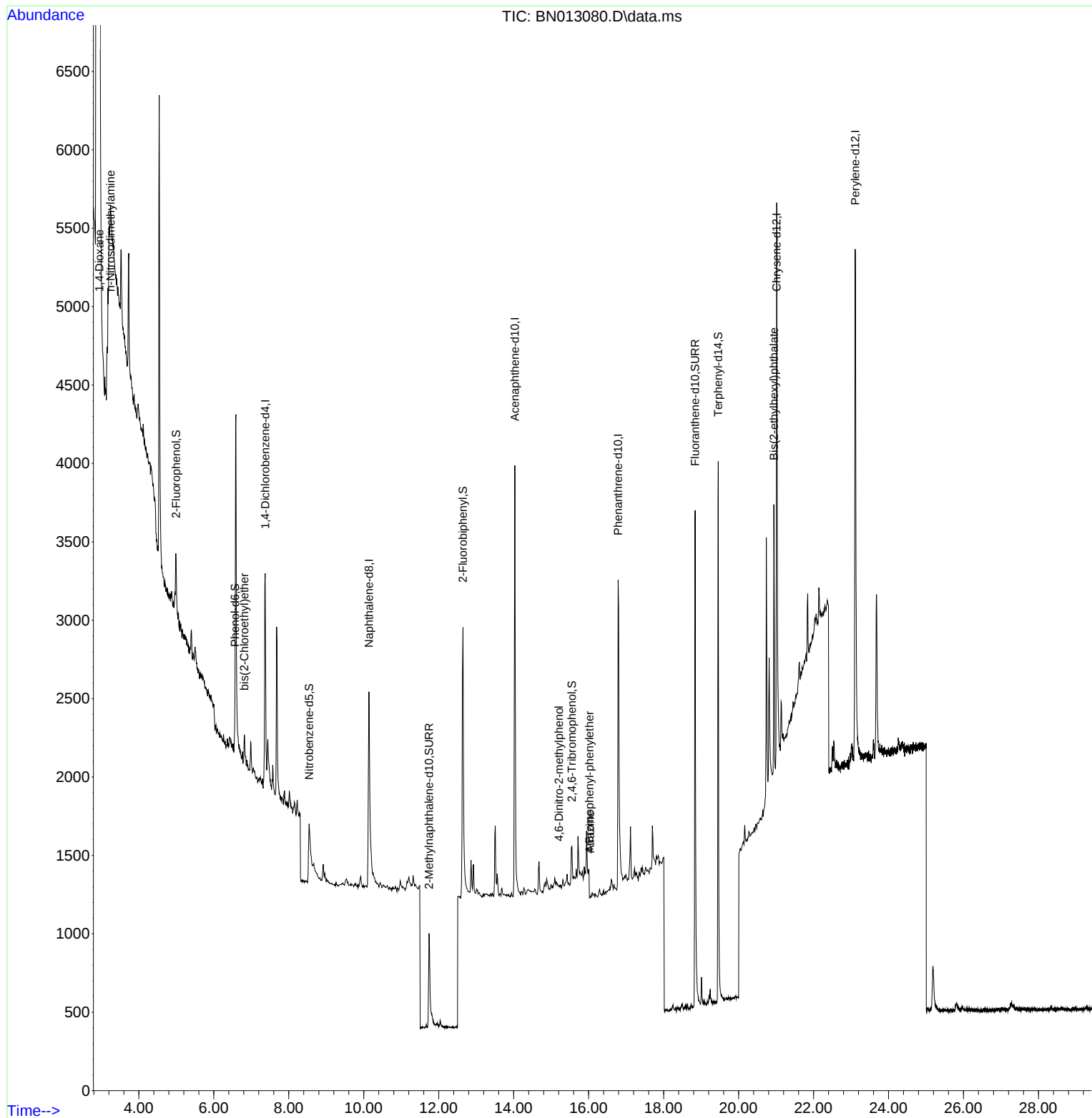
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.370	152	821	0.40	ng	0.00
7) Naphthalene-d8	10.138	136	2855	0.40	ng	# 0.00
13) Acenaphthene-d10	14.029	164	1743	0.40	ng	0.00
19) Phenanthrene-d10	16.788	188	3945	0.40	ng	#-0.01
29) Chrysene-d12	21.016	240	4326	0.40	ng	# 0.00
36) Perylene-d12	23.113	264	4850	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.995	112	308	0.10	ng	0.00
5) Phenol-d6	6.565	99	180	0.05	ng	0.00
8) Nitrobenzene-d5	8.541	82	785	0.26	ng	0.01
11) 2-Methylnaphthalene-d10	11.742	152	1482	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.552	330	279	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.646	172	2233	0.29	ng	0.00
27) Fluoranthene-d10	18.841	212	4754	0.36	ng	0.00
31) Terphenyl-d14	19.457	244	4137	0.38	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.949	88	5959	4.00	ng	97
3) n-Nitrosodimethylamine	3.247	42	50	0.02	ng	# 34
6) bis(2-Chloroethyl)ether	6.815	93	135	0.06	ng	94
20) 4,6-Dinitro-2-methylph...	15.209	198	2	0.10	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	105	0.11	ng	# 61
23) Atrazine	16.045	200	291	0.12	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.942	149	1488	0.15	ng	98

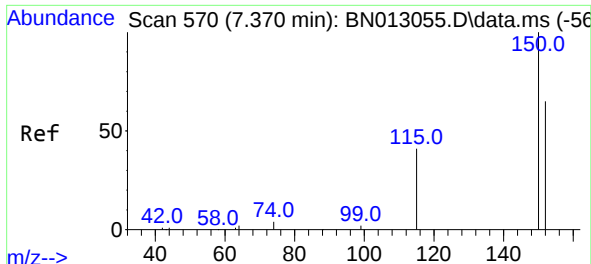
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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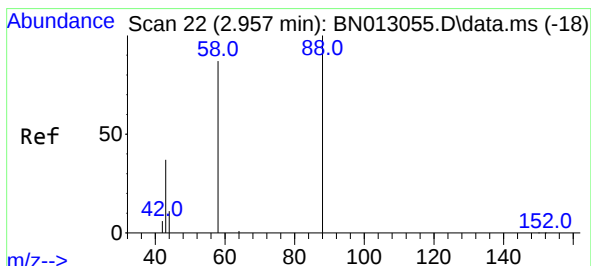
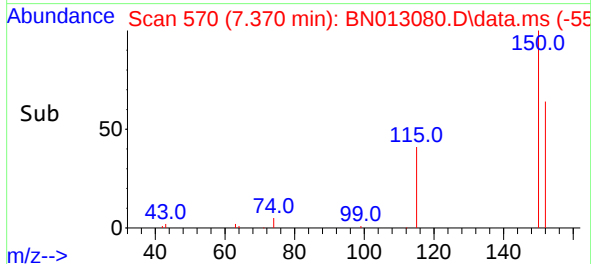
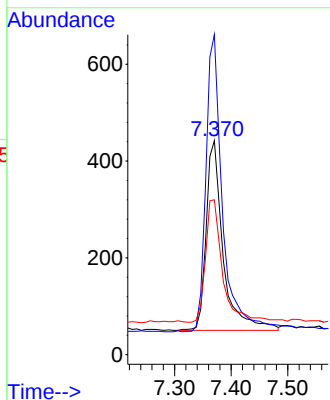
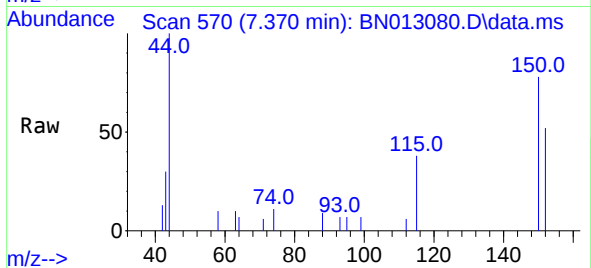




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.370 min Scan# 570
Delta R.T. 0.000 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

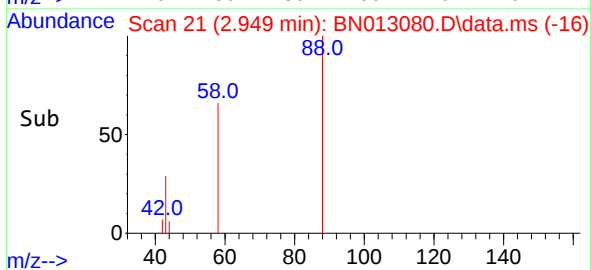
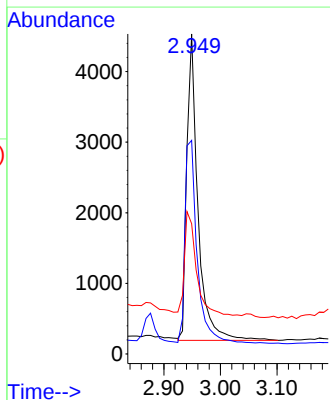
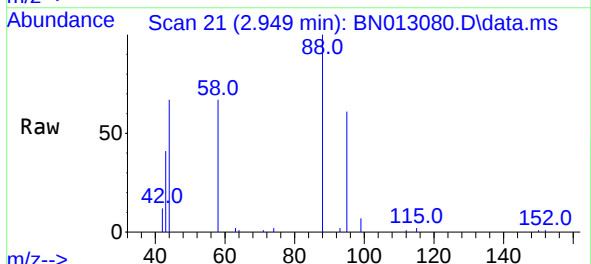
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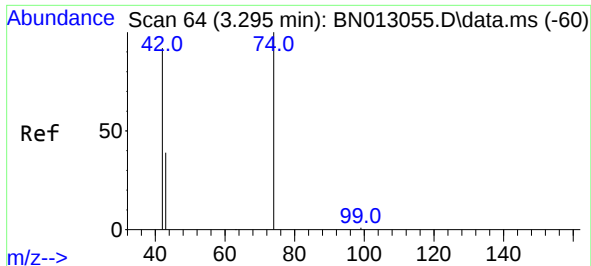
Tgt Ion:152 Resp: 821
Ion Ratio Lower Upper
152 100
150 149.5 116.6 174.8
115 72.4 52.9 79.3



#2
1,4-Dioxane
Concen: 4.00 ng
RT: 2.949 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

Tgt Ion: 88 Resp: 5959
Ion Ratio Lower Upper
88 100
58 73.9 59.4 89.2
43 36.2 32.3 48.5

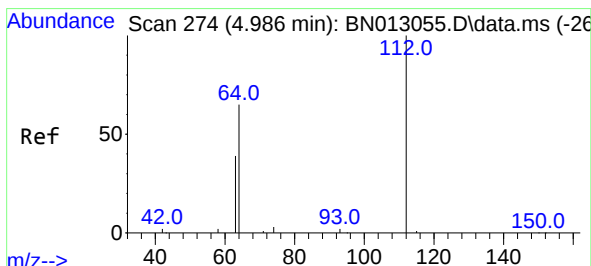
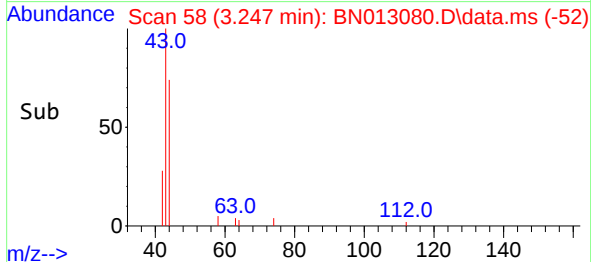
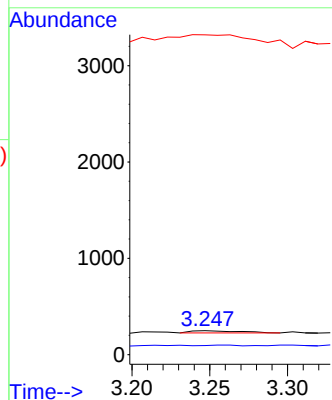
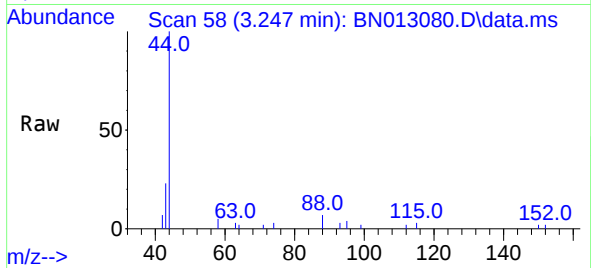




#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.247 min Scan# 58
Delta R.T. -0.048 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

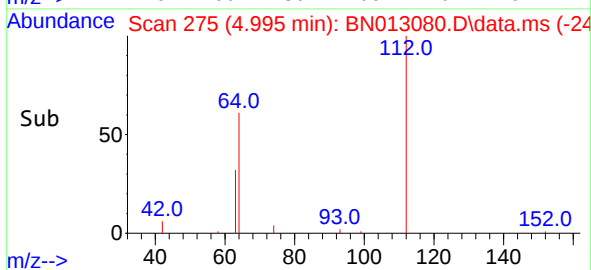
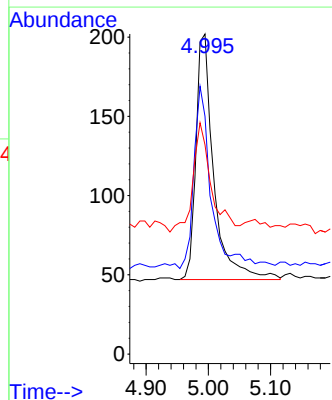
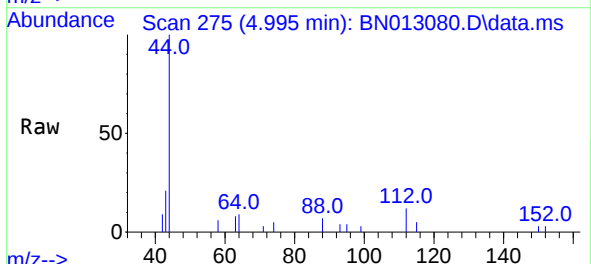
Instrument :
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ClientSampleId :
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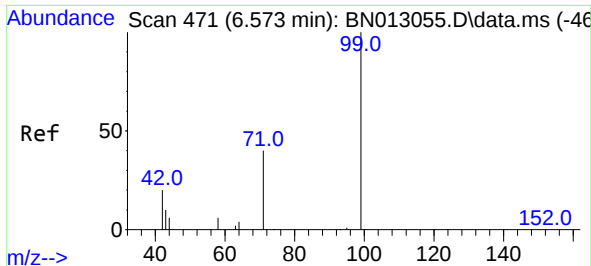
Tgt Ion: 42 Resp: 50
Ion Ratio Lower Upper
42 100
74 20.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.995 min Scan# 275
Delta R.T. 0.008 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

Tgt Ion: 112 Resp: 308
Ion Ratio Lower Upper
112 100
64 73.4 49.5 74.3
63 45.5 32.0 48.0

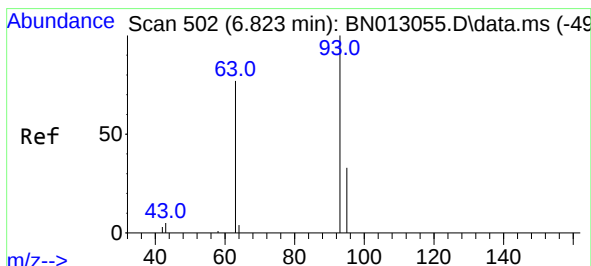
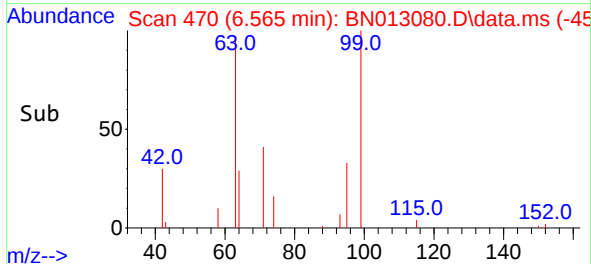
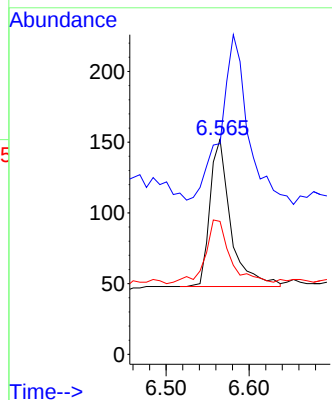
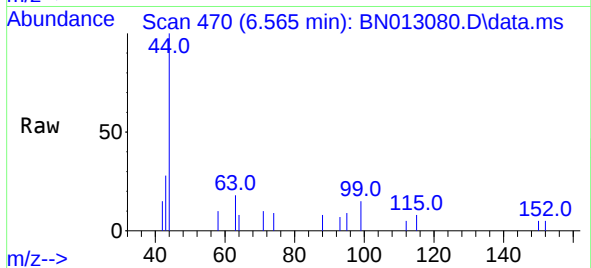




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.565 min Scan# 470
Delta R.T. -0.008 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

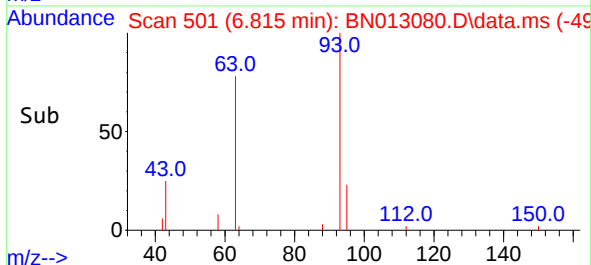
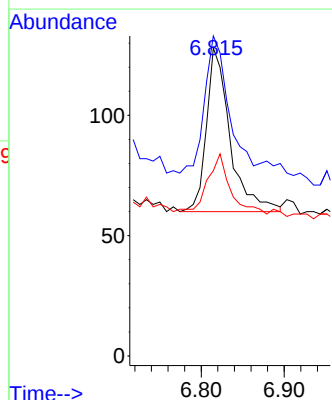
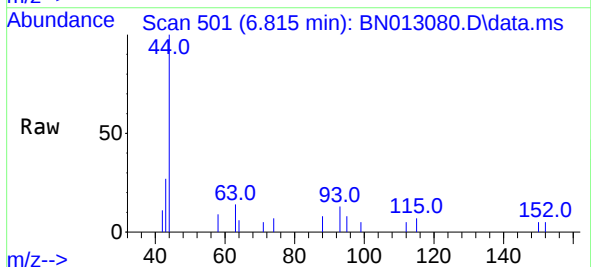
Instrument :
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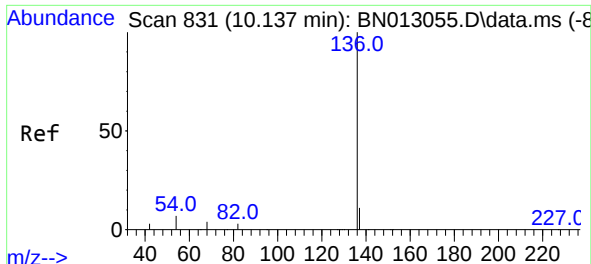
Tgt Ion: 99 Resp: 180
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 52.2 37.8 56.6



#6
bis(2-Chloroethyl)ether
Concen: 0.06 ng
RT: 6.815 min Scan# 501
Delta R.T. -0.008 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

Tgt Ion: 93 Resp: 135
Ion Ratio Lower Upper
93 100
63 85.2 63.1 94.7
95 34.8 26.1 39.1

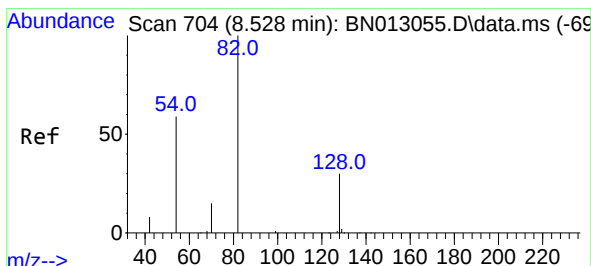
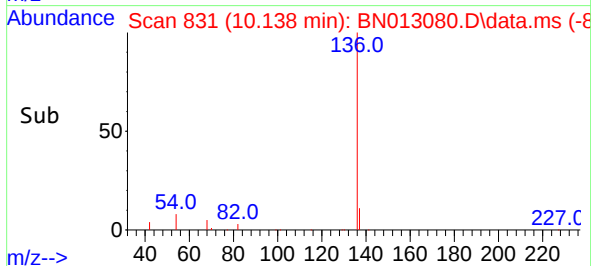
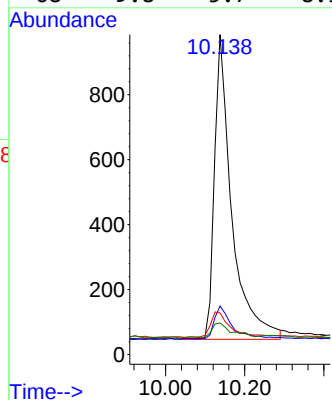
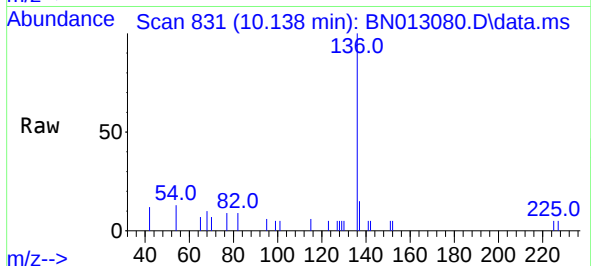




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.138 min Scan# 831
Delta R.T. 0.000 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

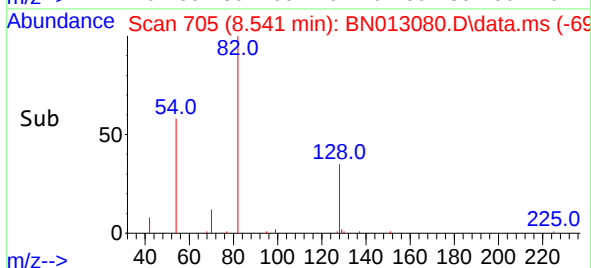
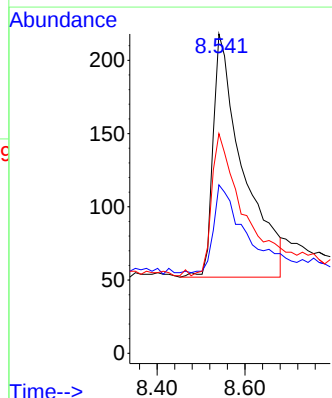
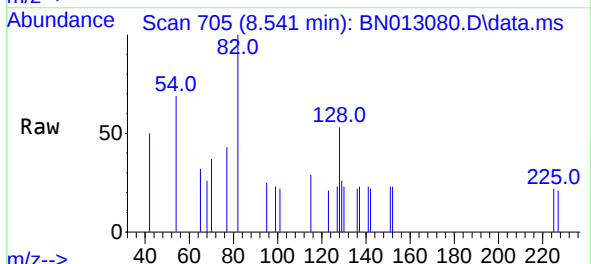
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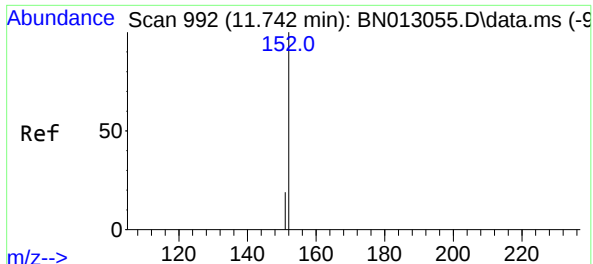
Tgt Ion:	136	Resp:	2855
Ion	Ratio	Lower	Upper
136	100		
137	15.1	10.6	15.8
54	13.0	8.6	12.8#
68	9.8	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.013 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

Tgt Ion:	82	Resp:	785
Ion	Ratio	Lower	Upper
82	100		
128	52.8	30.6	46.0#
54	68.8	48.3	72.5

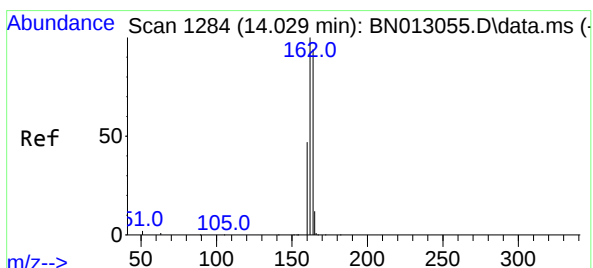
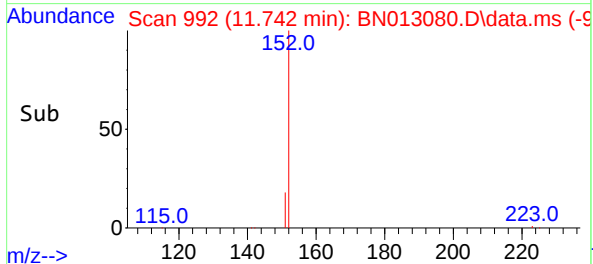
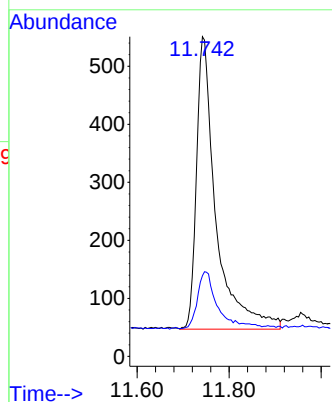
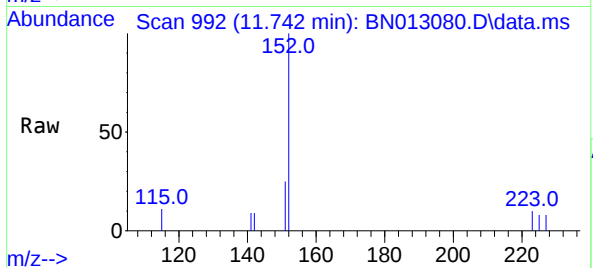




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 11.742 min Scan# 992
Delta R.T. 0.000 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

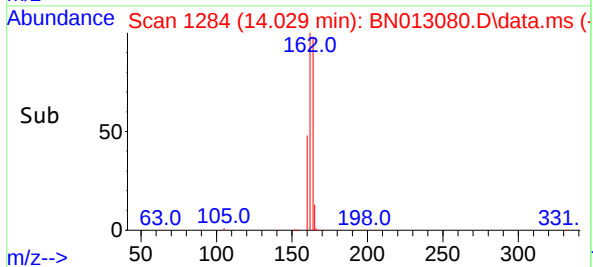
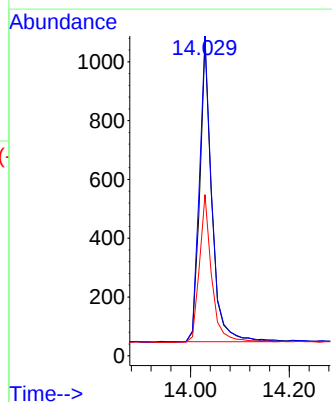
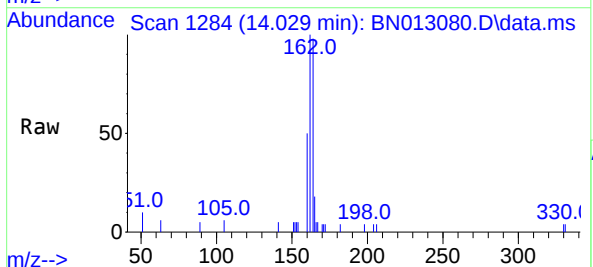
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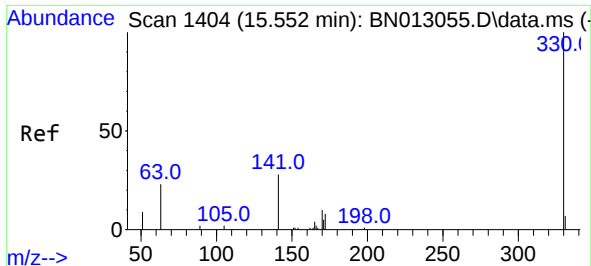
Tgt Ion:152 Resp: 1482
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

Tgt Ion:164 Resp: 1743
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 51.3 39.5 59.3

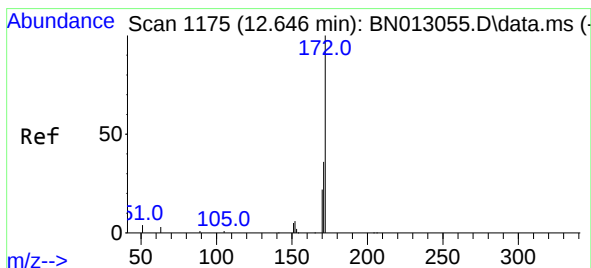
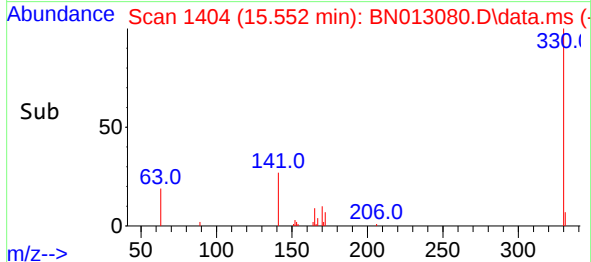
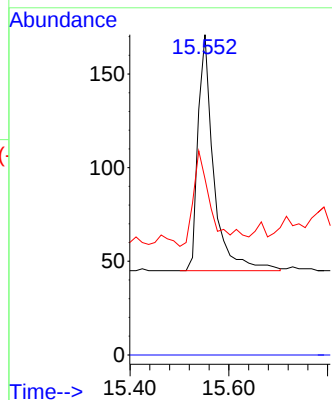
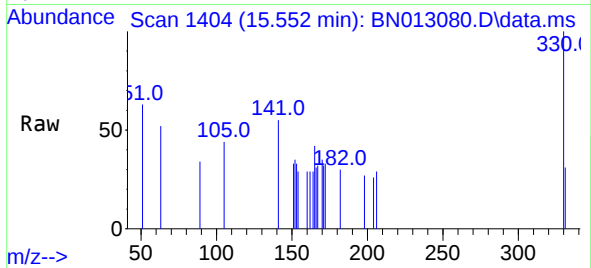




#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

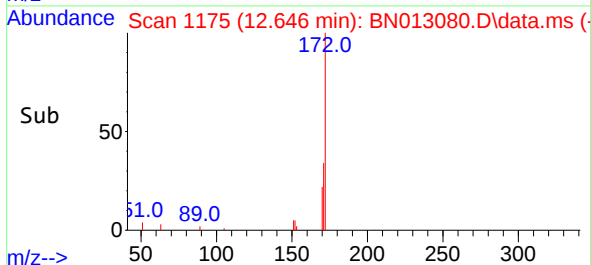
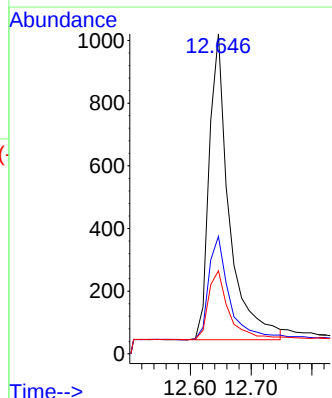
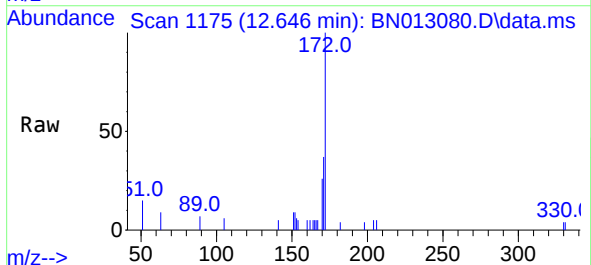
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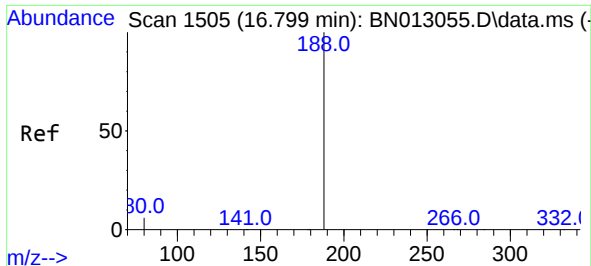
Tgt Ion:330 Resp: 279
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 47.7 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

Tgt Ion:172 Resp: 2233
Ion Ratio Lower Upper
172 100
171 36.7 28.2 42.4
170 26.0 20.0 30.0

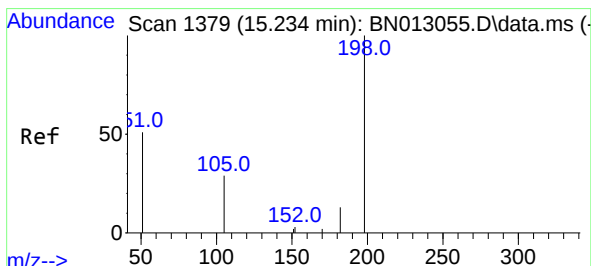
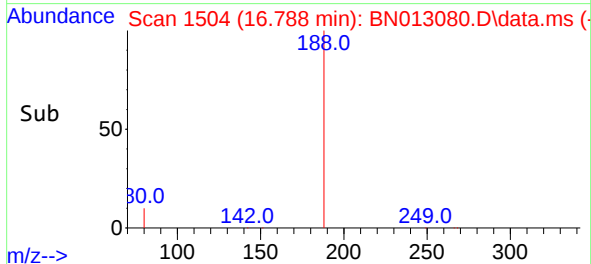
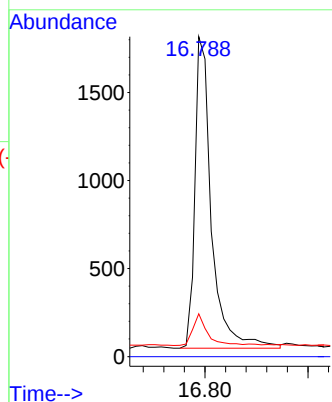
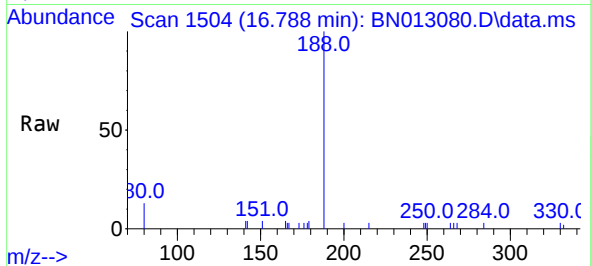




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. -0.012 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

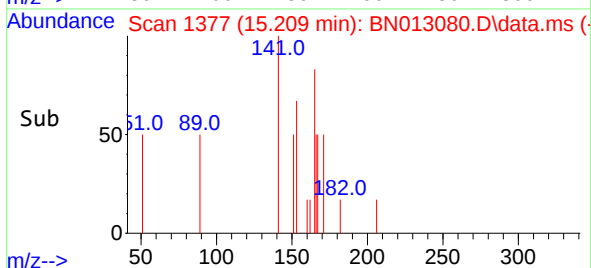
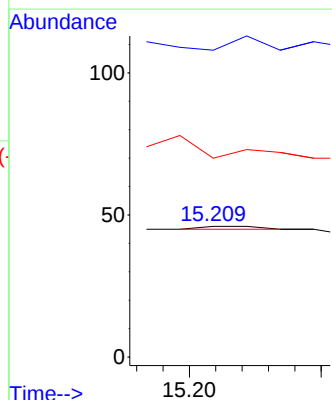
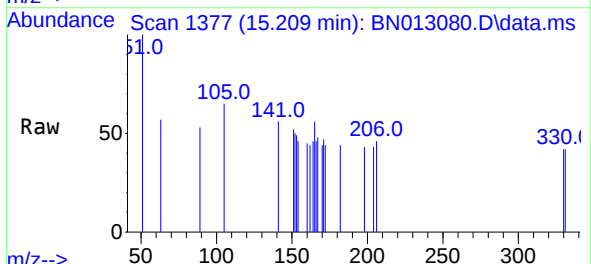
Instrument :
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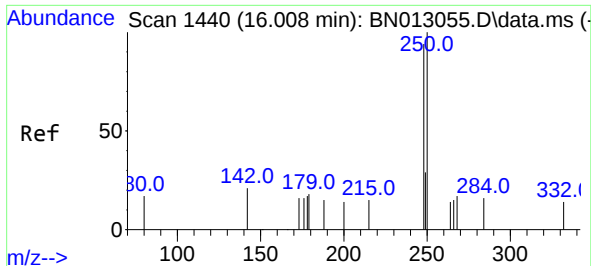
Tgt Ion:188	Resp:	3945
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	13.4	5.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.209 min Scan# 1377
Delta R.T. -0.025 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

Tgt Ion:198	Resp:	2
Ion Ratio	Lower	Upper
198	100	
51	234.8	43.5
105	152.2	27.2

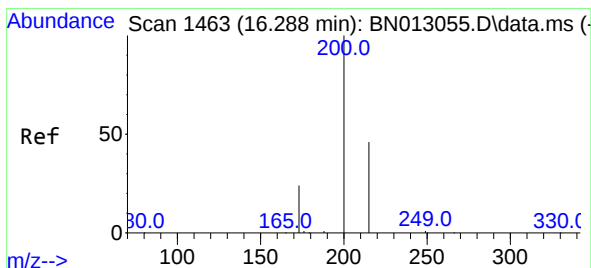
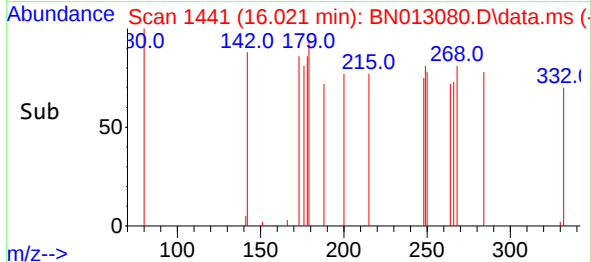
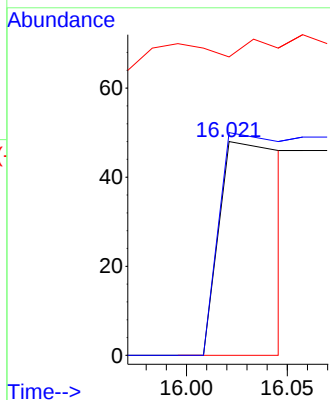
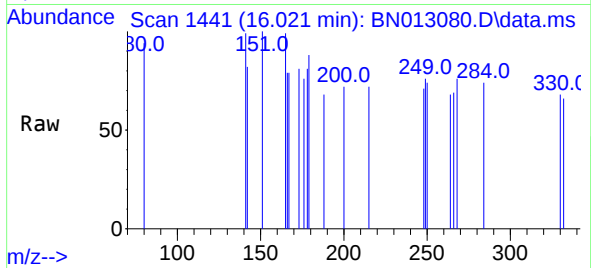




#21
4-Bromophenyl-phenylether
Concen: 0.11 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.013 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

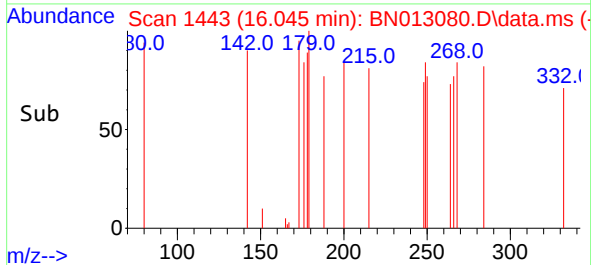
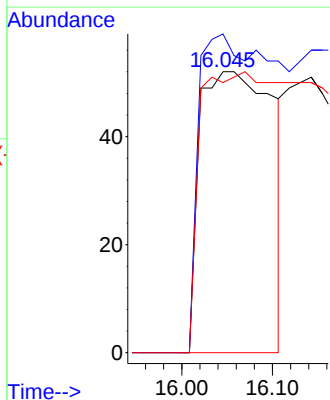
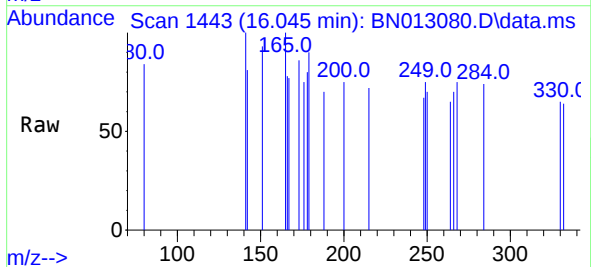
Instrument :
BNA_N
ClientSampleId :
RE105D2-20201208

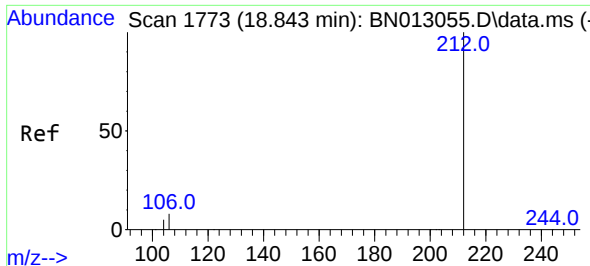
Tgt Ion:248 Resp: 105
Ion Ratio Lower Upper
248 100
250 104.2 77.3 115.9
141 139.6 57.8 86.8#



#23
Atrazine
Concen: 0.12 ng
RT: 16.045 min Scan# 1443
Delta R.T. -0.243 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

Tgt Ion:200 Resp: 291
Ion Ratio Lower Upper
200 100
173 113.5 22.8 34.2#
215 96.2 38.1 57.1#

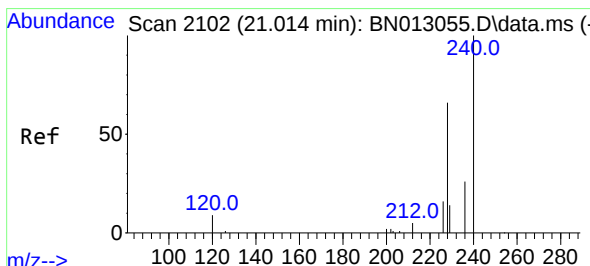
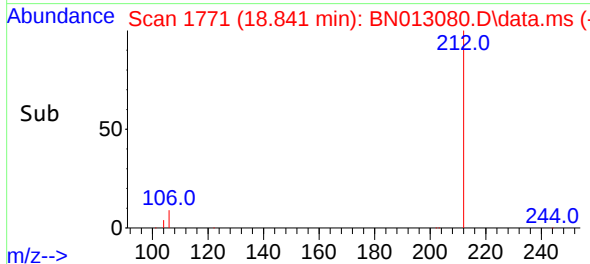
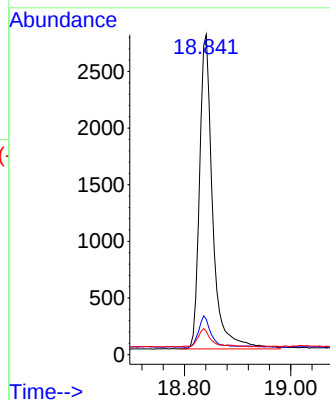
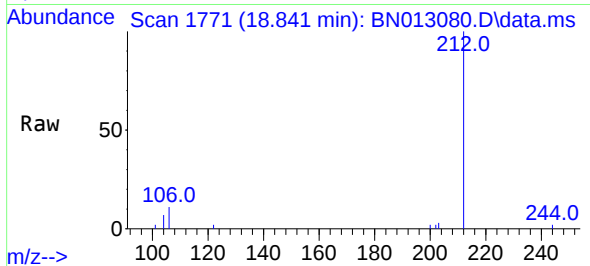




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.841 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

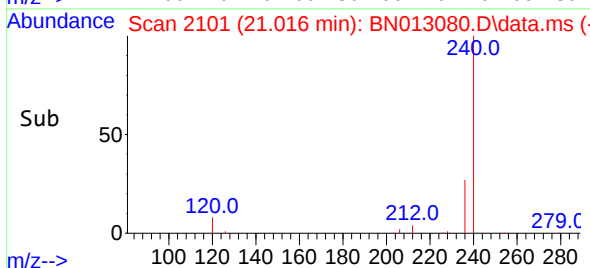
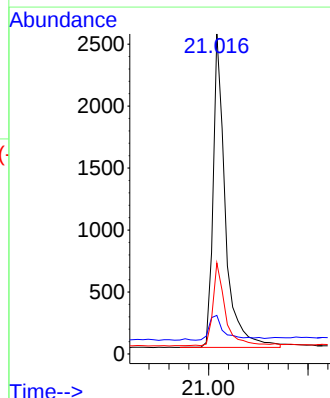
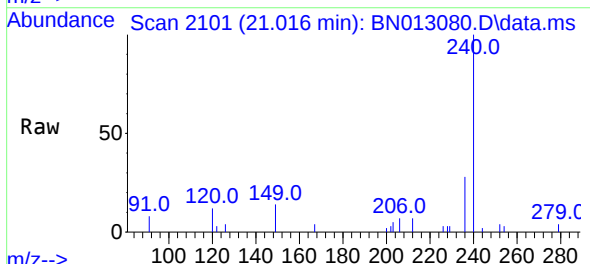
Instrument :
BNA_N
ClientSampleId :
RE105D2-20201208

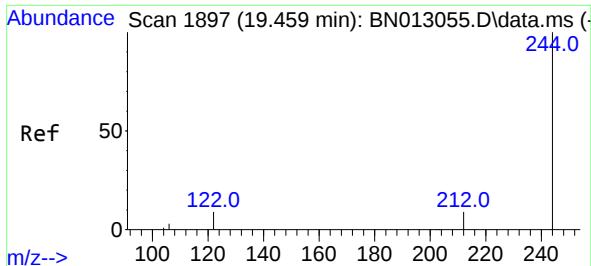
Tgt Ion:	212	Resp:	4754
Ion Ratio	Lower	Upper	
212	100		
106	9.5	6.8	10.2
104	5.9	4.1	6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.003 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

Tgt Ion:	240	Resp:	4326
Ion Ratio	Lower	Upper	
240	100		
120	12.1	5.3	7.9
236	28.5	21.8	32.8

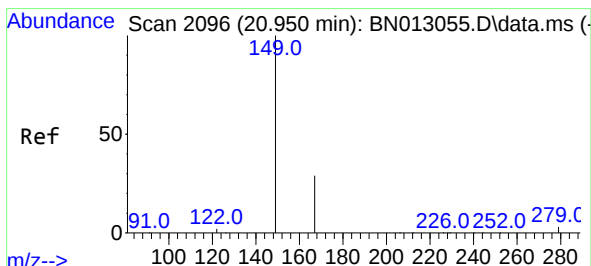
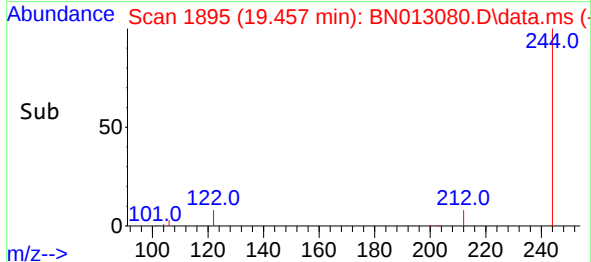
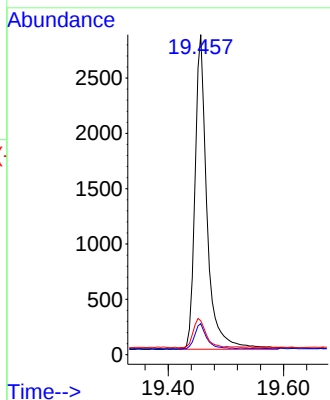
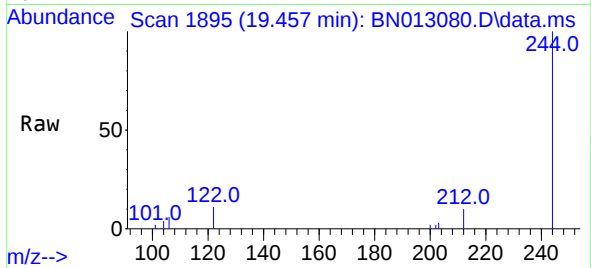




#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.457 min Scan# 1895
Delta R.T. -0.002 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

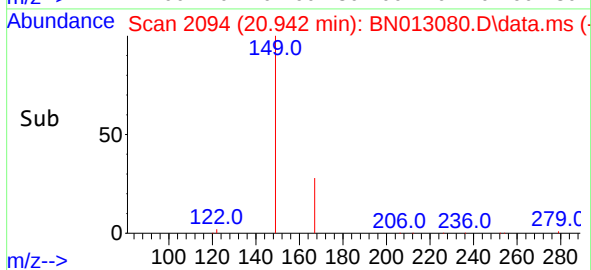
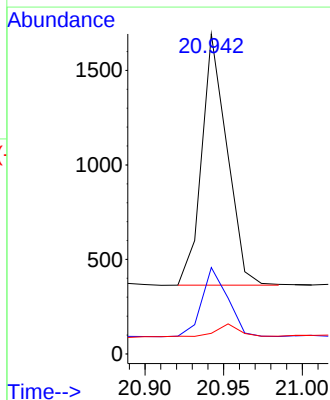
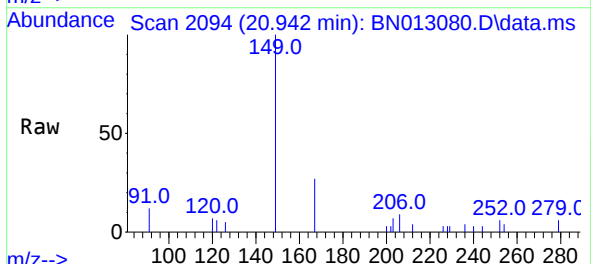
Instrument :
BNA_N
ClientSampleId :
RE105D2-20201208

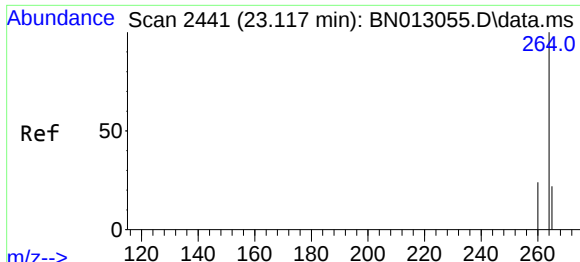
Tgt Ion:244 Resp: 4137
Ion Ratio Lower Upper
244 100
212 9.7 7.3 10.9
122 10.6 7.3 10.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 20.942 min Scan# 2094
Delta R.T. -0.008 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

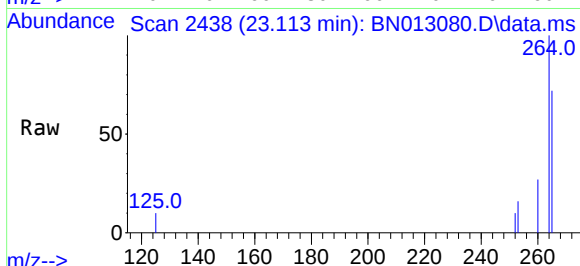
Tgt Ion:149 Resp: 1488
Ion Ratio Lower Upper
149 100
167 28.0 23.2 34.8
279 4.2 3.9 5.9





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.113 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BN013080.D
Acq: 12 Dec 2020 07:44

Instrument :
BNA_N
ClientSampleId :
RE105D2-20201208



Tgt Ion:264 Resp: 4850

Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.8	29.6
265	71.8	51.4	77.0

