

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
 Data File : BN013081.D
 Acq On : 12 Dec 2020 08:20
 Operator : CG/JU
 Sample : L4996-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20201208

Quant Time: Dec 14 03:05:59 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)

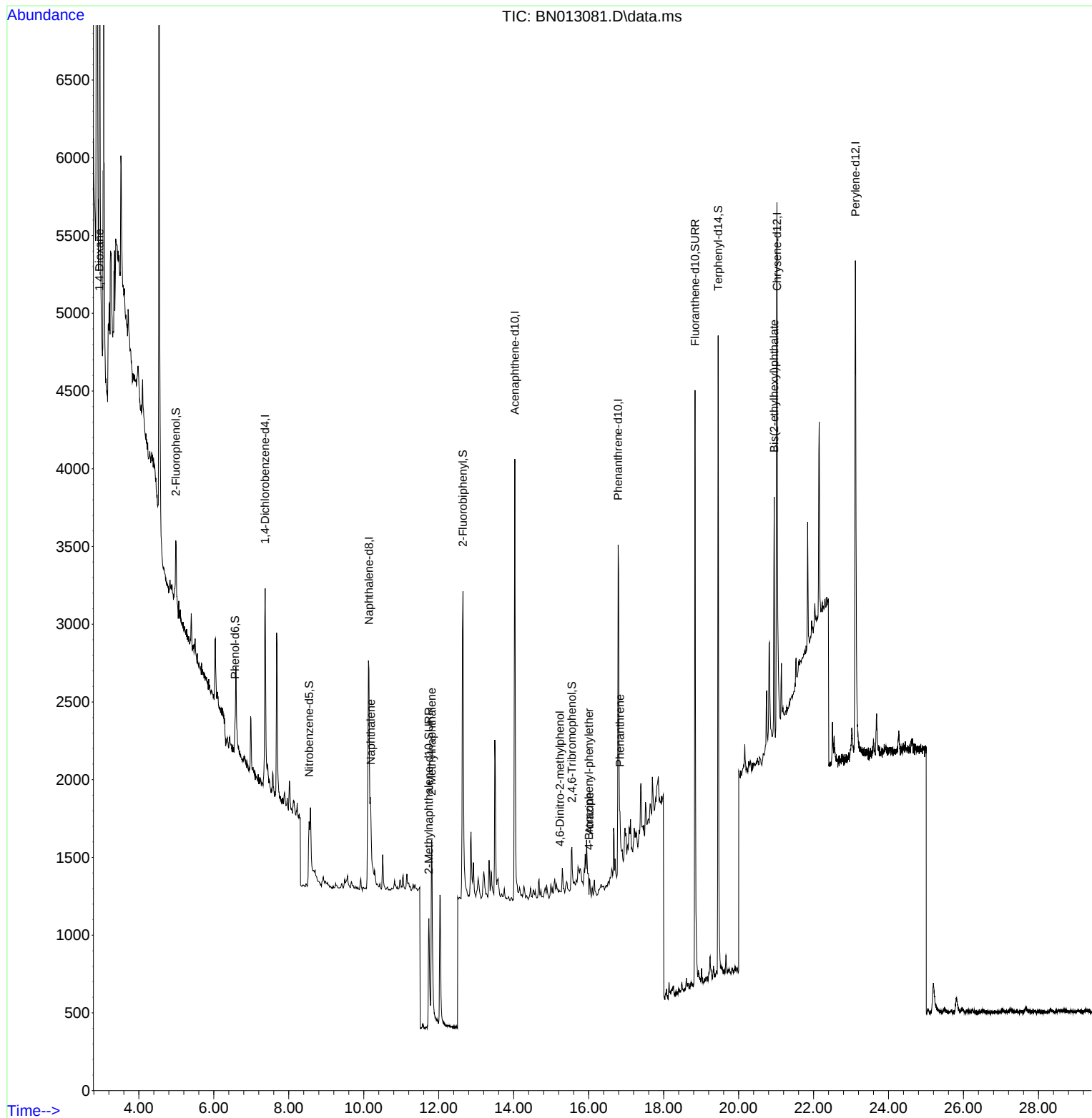
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.370	152	790	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	2814	0.40	ng	# 0.00
13) Acenaphthene-d10	14.029	164	1731	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	3945	0.40	ng	#-0.01
29) Chrysene-d12	21.024	240	4563	0.40	ng	# 0.01
36) Perylene-d12	23.117	264	5024	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.986	112	377	0.13	ng	0.00
5) Phenol-d6	6.565	99	200	0.06	ng	0.00
8) Nitrobenzene-d5	8.540	82	814	0.27	ng	0.01
11) 2-Methylnaphthalene-d10	11.737	152	1574	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.552	330	276	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.646	172	2529	0.33	ng	0.00
27) Fluoranthene-d10	18.838	212	5196	0.39	ng	0.00
31) Terphenyl-d14	19.454	244	4766	0.42	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.949	88	4710	3.27	ng	95
9) Naphthalene	10.188	128	756	0.09	ng	# 69
12) 2-Methylnaphthalene	11.813	142	1344	0.23	ng	95
20) 4,6-Dinitro-2-methylph...	15.234	198	2	0.10	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	106	0.12	ng	# 65
23) Atrazine	16.020	200	107	0.05	ng	# 1
25) Phenanthrene	16.836	178	377	0.03	ng	# 83
34) Bis(2-ethylhexyl)phtha...	20.950	149	1451	0.14	ng	98

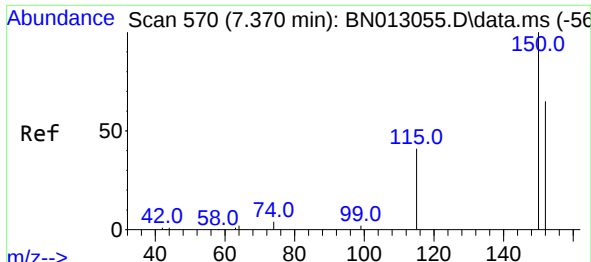
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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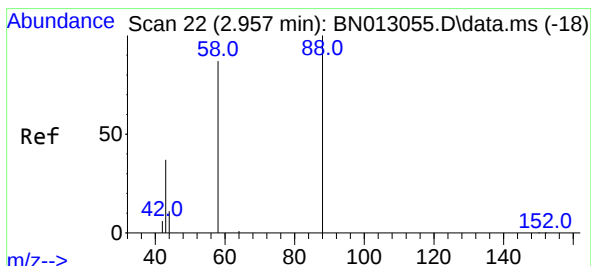
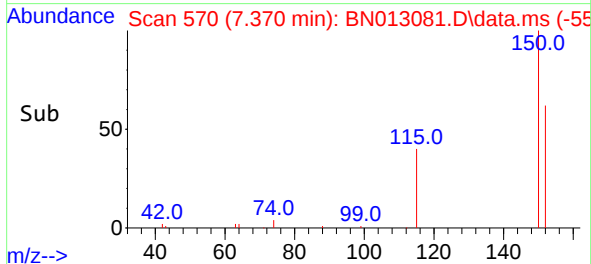
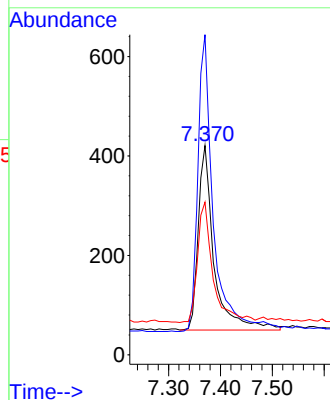
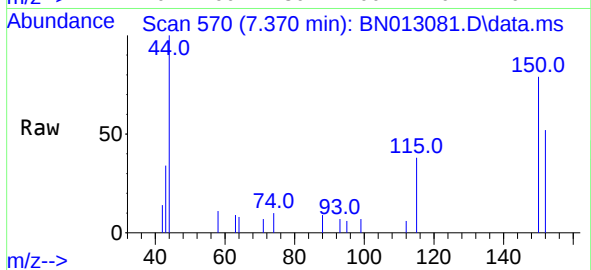




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.370 min Scan# 570
Delta R.T. 0.000 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

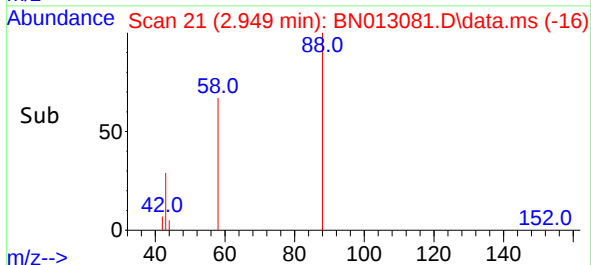
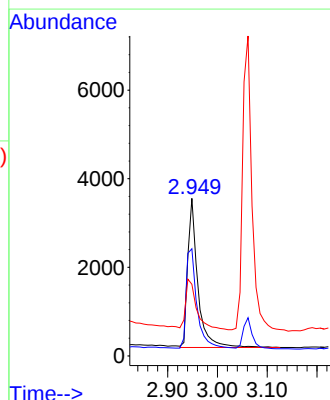
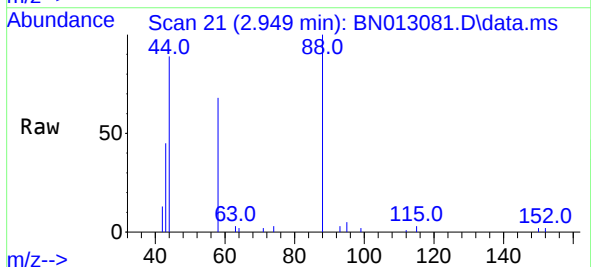
Instrument :
BNA_N
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RE108D1-20201208

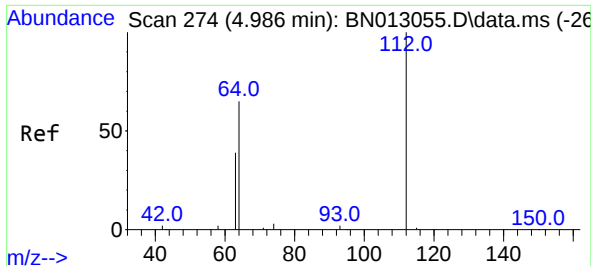
Tgt Ion:152 Resp: 790
Ion Ratio Lower Upper
152 100
150 153.0 116.6 174.8
115 72.9 52.9 79.3



#2
1,4-Dioxane
Concen: 3.27 ng
RT: 2.949 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

Tgt Ion: 88 Resp: 4710
Ion Ratio Lower Upper
88 100
58 71.1 59.4 89.2
43 36.6 32.3 48.5



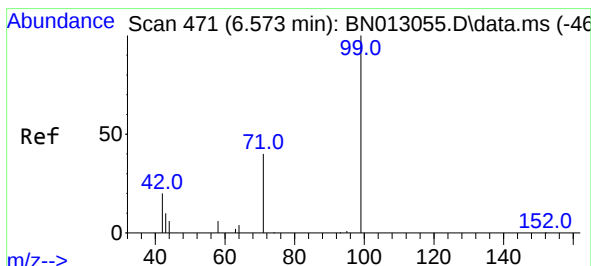
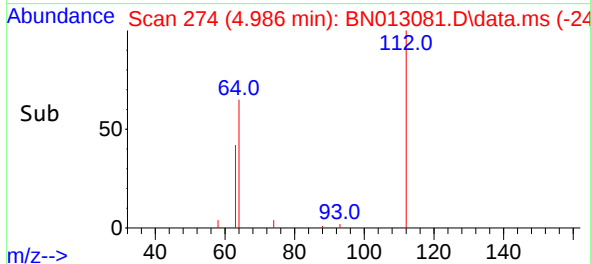
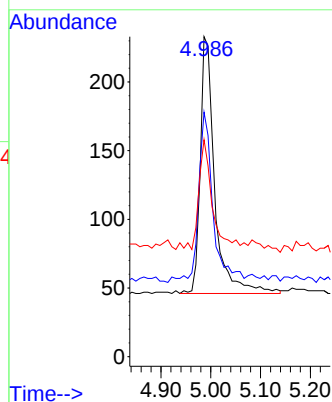
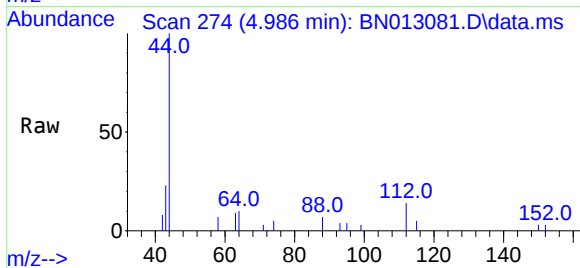


#4
2-Fluorophenol
Concen: 0.13 ng
RT: 4.986 min Scan# 274
Delta R.T. -0.000 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

Instrument :
BNA_N
ClientSampleId :
RE108D1-20201208

Tgt Ion: 112 Resp: 377

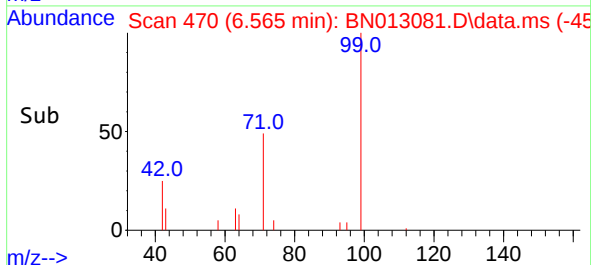
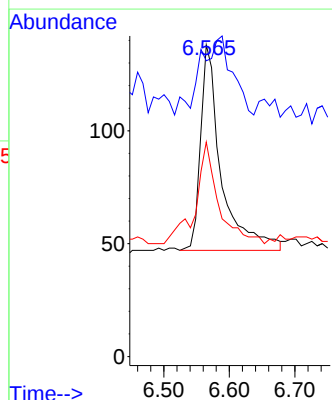
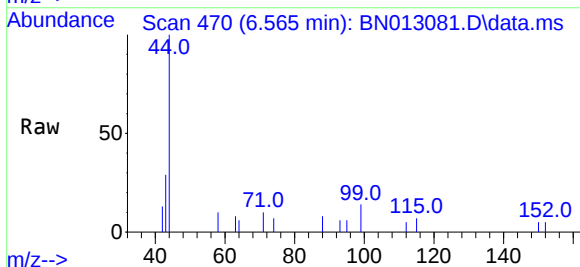
Ion	Ratio	Lower	Upper
112	100		
64	67.6	49.5	74.3
63	40.1	32.0	48.0

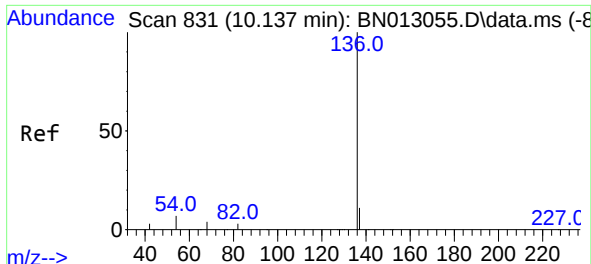


#5
Phenol-d6
Concen: 0.06 ng
RT: 6.565 min Scan# 470
Delta R.T. -0.008 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

Tgt Ion: 99 Resp: 200

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6
71	54.5	37.8	56.6

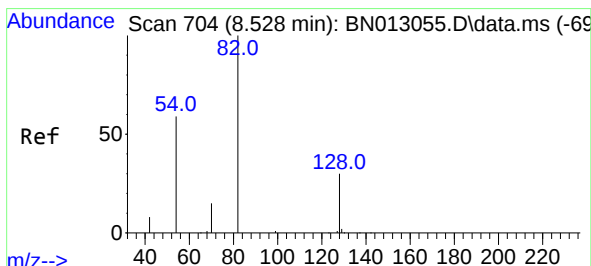
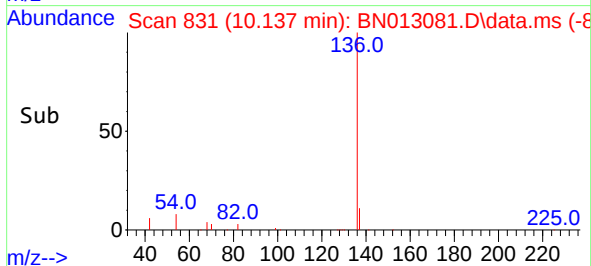
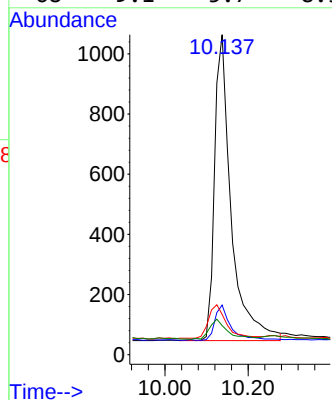
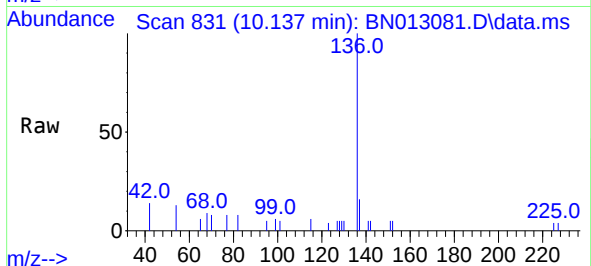




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. -0.000 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

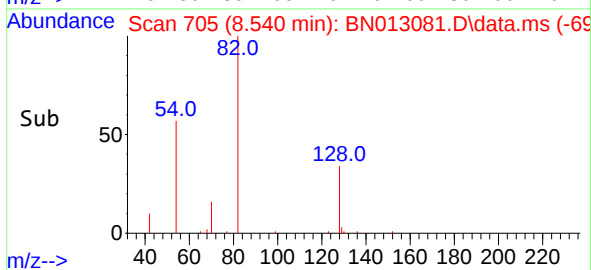
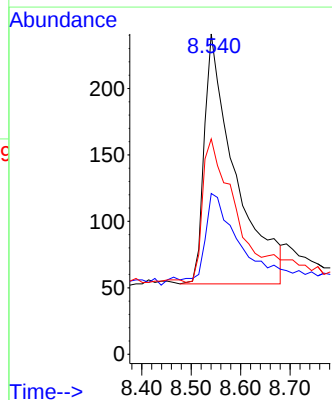
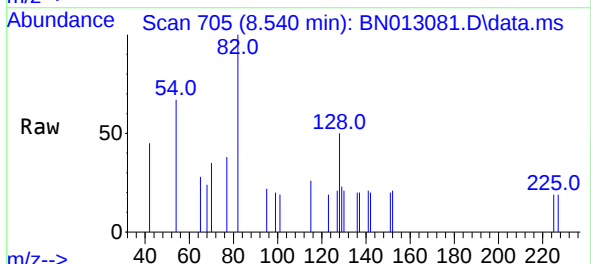
Instrument :
BNA_N
ClientSampleId :
RE108D1-20201208

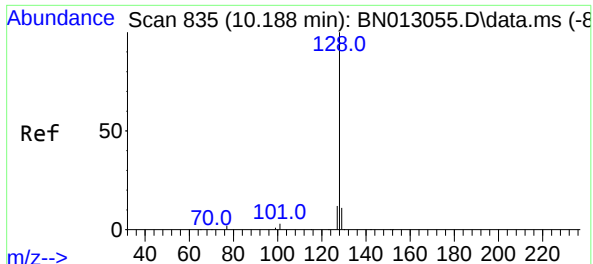
Tgt Ion:	136	Resp:	2814
Ion	Ratio	Lower	Upper
136	100		
137	15.5	10.6	15.8
54	12.6	8.6	12.8
68	9.1	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.012 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

Tgt Ion:	82	Resp:	814
Ion	Ratio	Lower	Upper
82	100		
128	50.2	30.6	46.0#
54	67.2	48.3	72.5

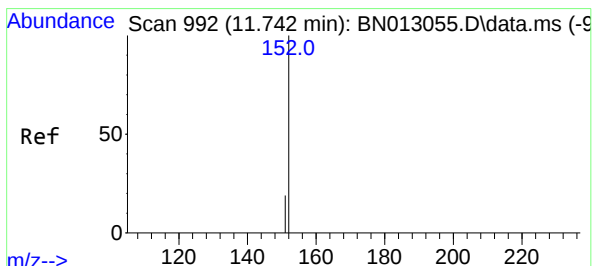
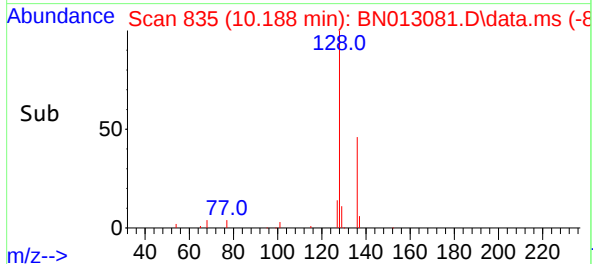
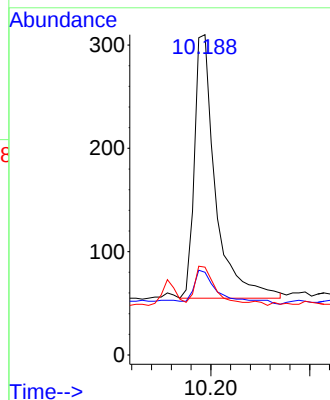
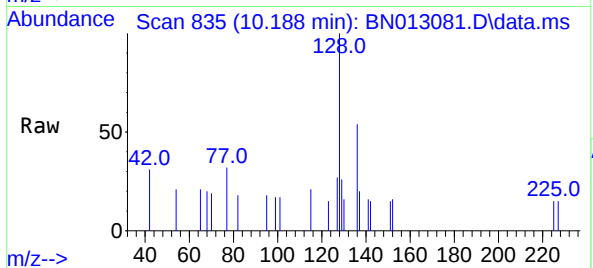




#9
Naphthalene
Concen: 0.09 ng
RT: 10.188 min Scan# 835
Delta R.T. -0.000 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

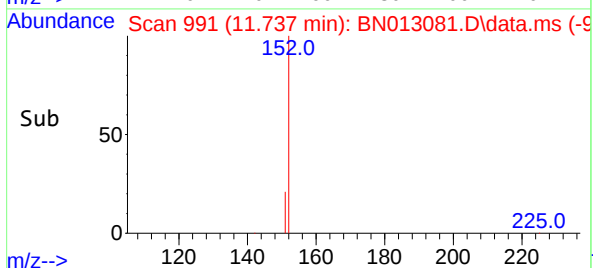
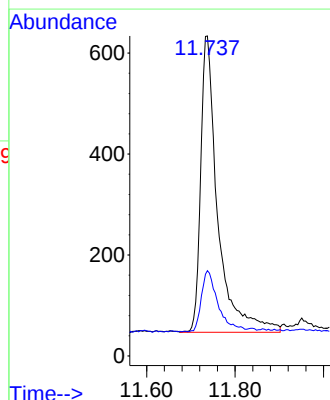
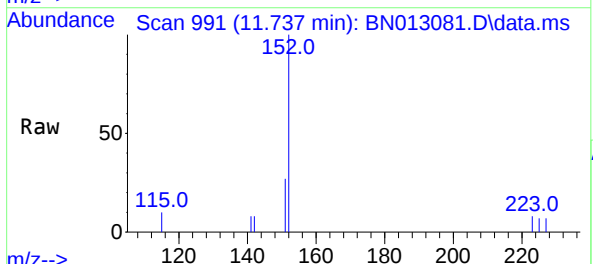
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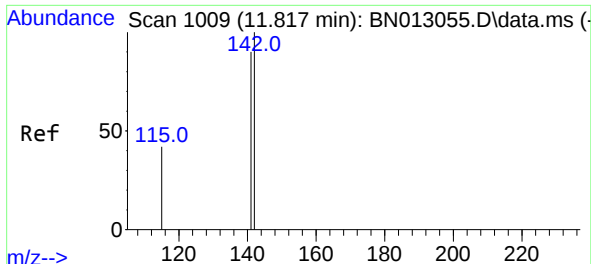
Tgt Ion:	128	Resp:	756
Ion	Ratio	Lower	Upper
128	100		
129	25.8	9.8	14.8#
127	27.4	12.2	18.4#



#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 11.737 min Scan# 991
Delta R.T. -0.005 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

Tgt Ion:	152	Resp:	1574
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.7	25.1

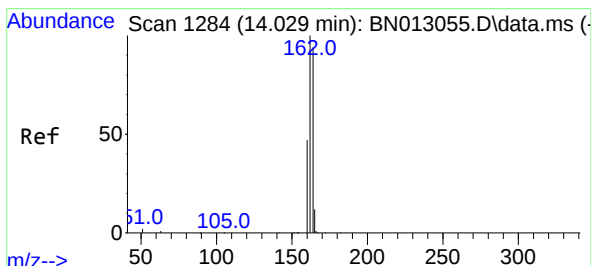
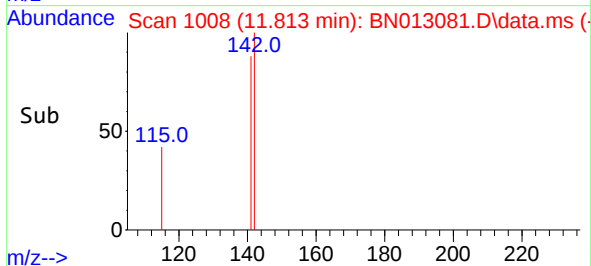
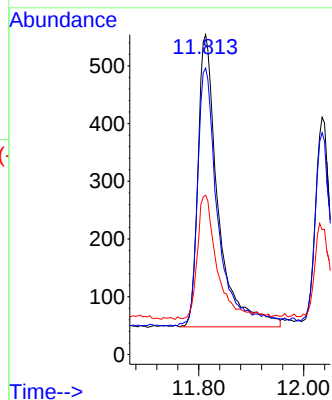
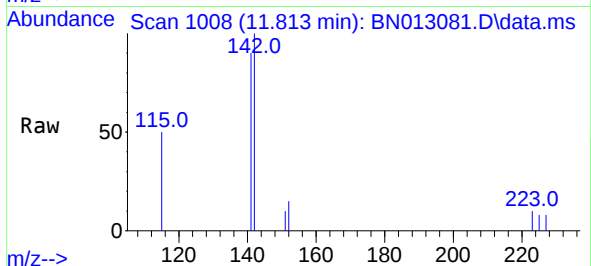




#12
2-Methylnaphthalene
Concen: 0.23 ng
RT: 11.813 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

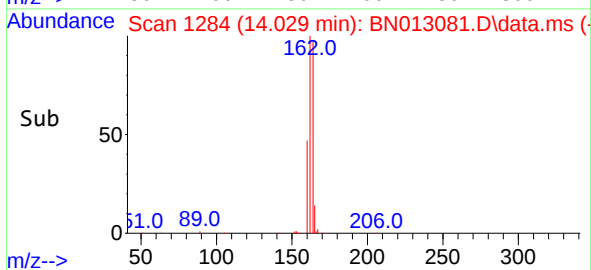
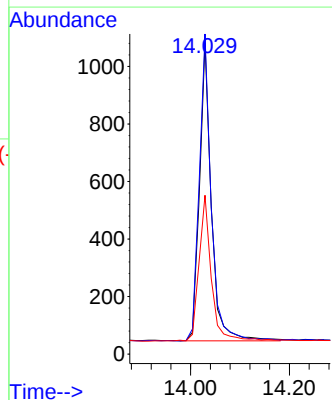
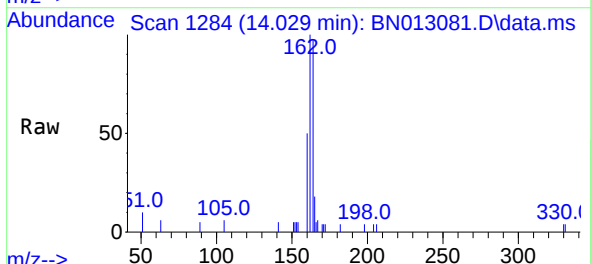
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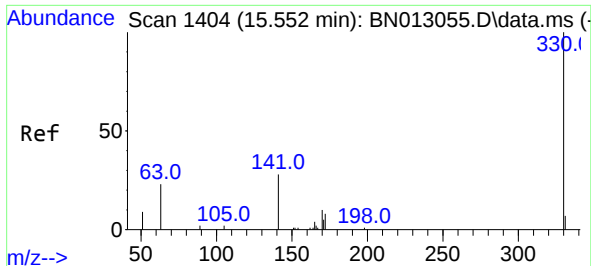
Tgt Ion:142 Resp: 1344
Ion Ratio Lower Upper
142 100
141 89.5 69.4 104.2
115 49.8 35.7 53.5



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

Tgt Ion:164 Resp: 1731
Ion Ratio Lower Upper
164 100
162 102.8 80.6 120.8
160 51.0 39.5 59.3

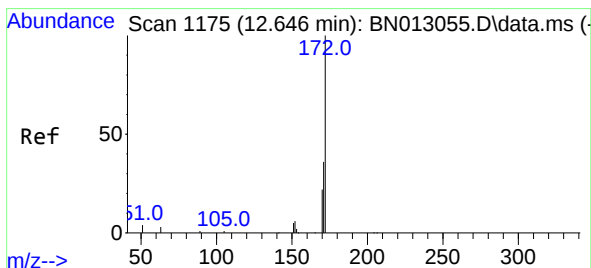
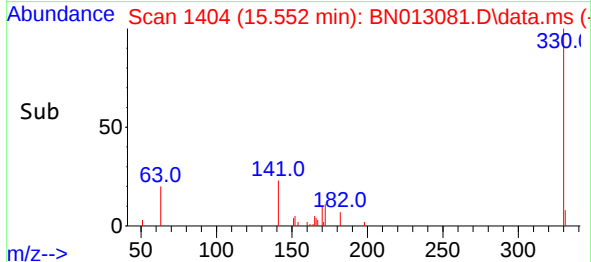
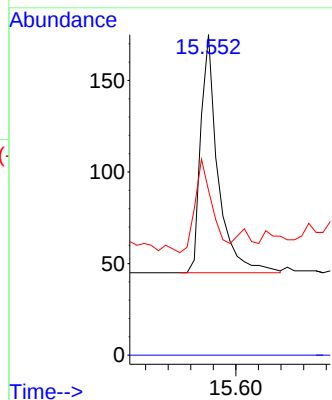
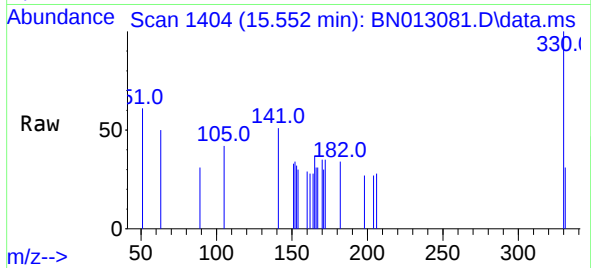




#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.552 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

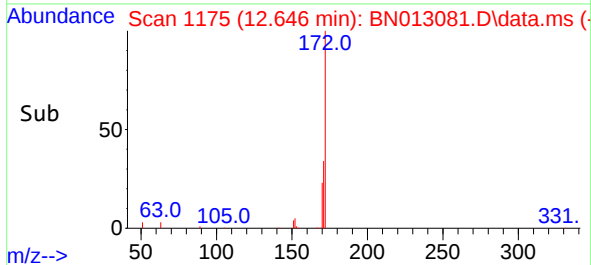
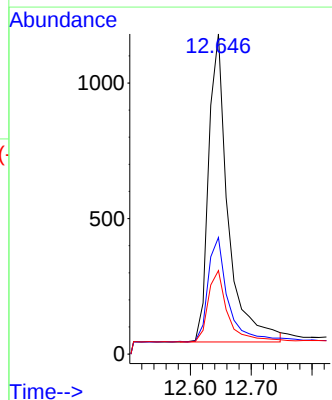
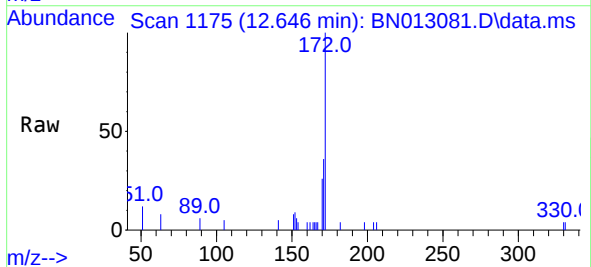
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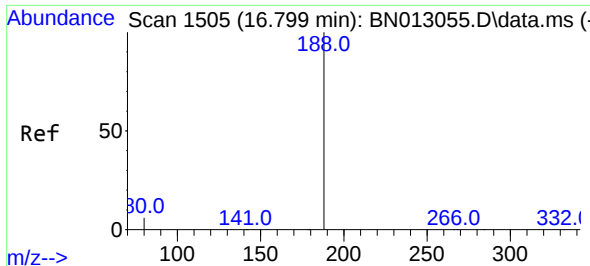
Tgt Ion:330 Resp: 276
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.1 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.646 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

Tgt Ion:172 Resp: 2529
Ion Ratio Lower Upper
172 100
171 36.4 28.2 42.4
170 26.1 20.0 30.0

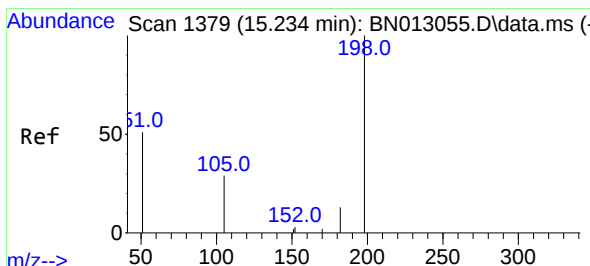
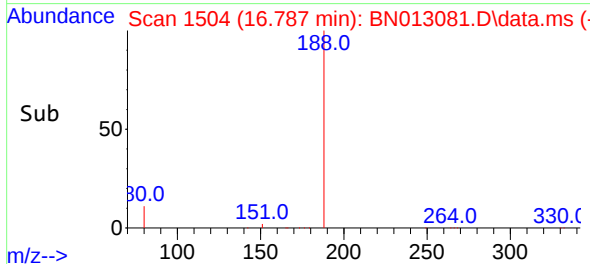
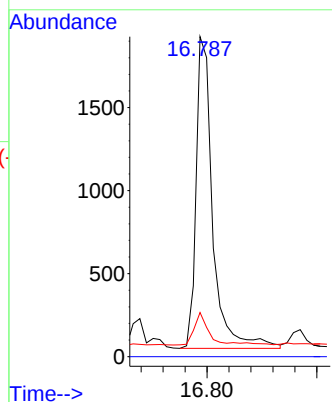
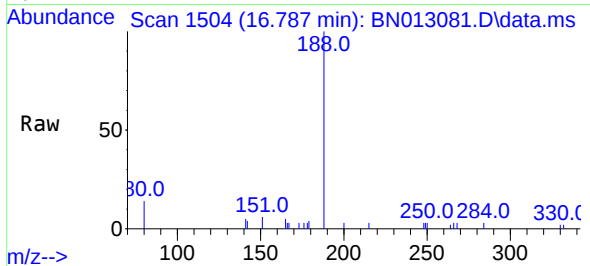




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. -0.012 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

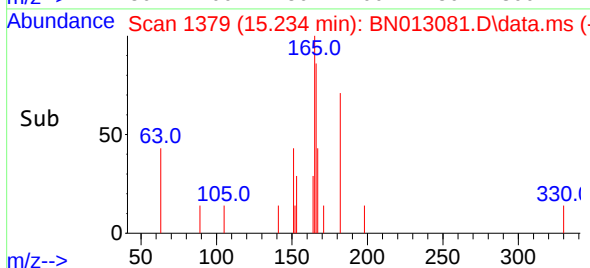
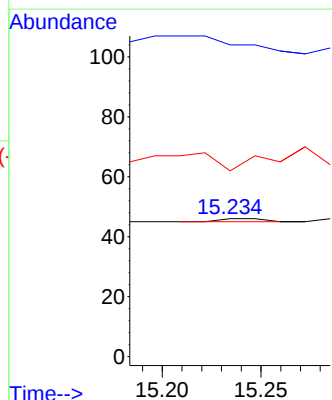
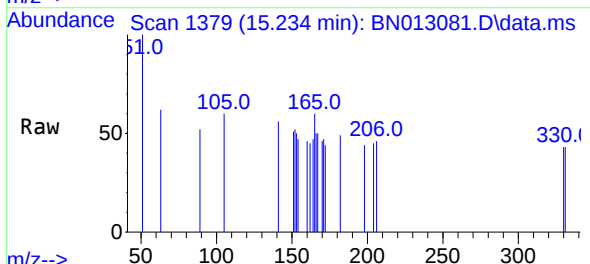
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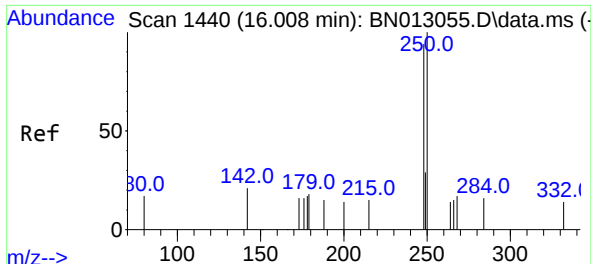
Tgt Ion:188	Resp:	3945
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	13.8	5.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.234 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

Tgt Ion:198	Resp:	2
Ion Ratio	Lower	Upper
198	100	
51	226.1	43.5
105	134.8	27.2

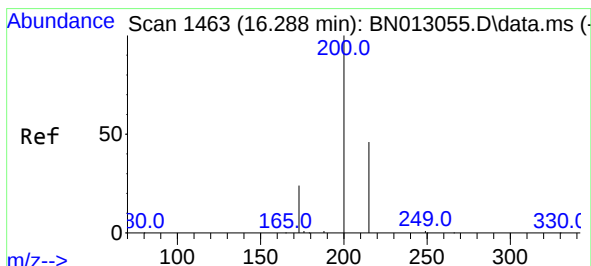
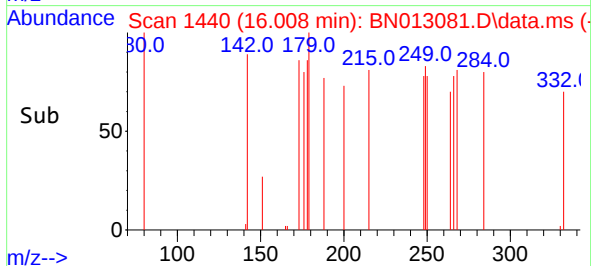
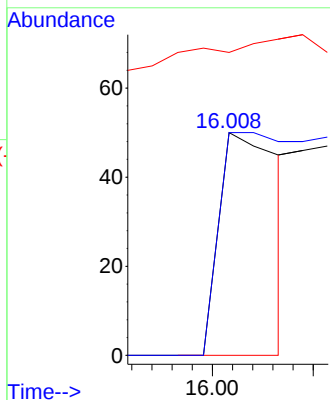
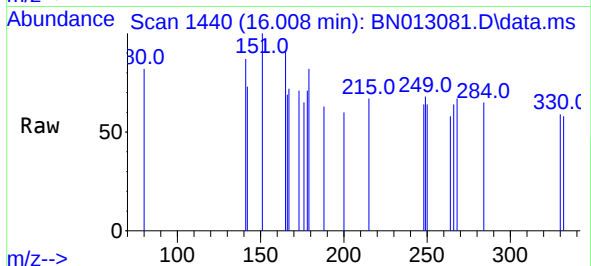




#21
4-Bromophenyl-phenylether
Concen: 0.12 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

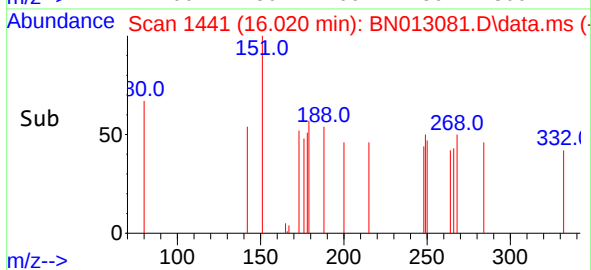
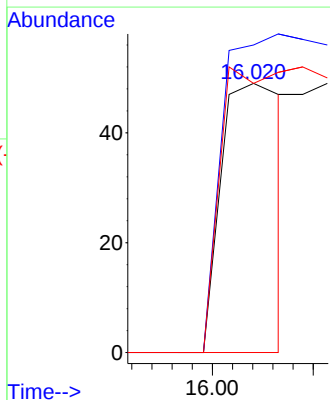
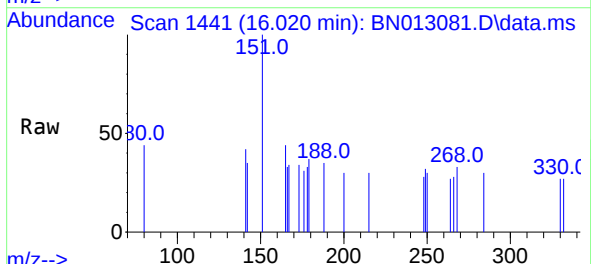
Instrument :
BNA_N
ClientSampleId :
RE108D1-20201208

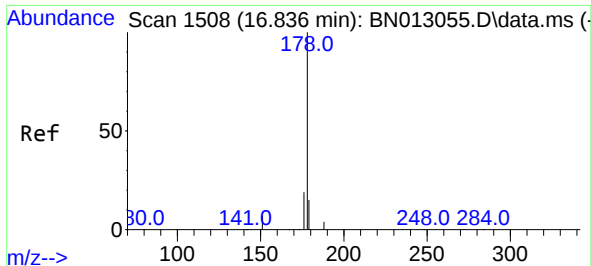
Tgt Ion:248 Resp: 106
Ion Ratio Lower Upper
248 100
250 100.0 77.3 115.9
141 136.0 57.8 86.8#



#23
Atrazine
Concen: 0.05 ng
RT: 16.020 min Scan# 1441
Delta R.T. -0.268 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

Tgt Ion:200 Resp: 107
Ion Ratio Lower Upper
200 100
173 114.3 22.8 34.2#
215 100.0 38.1 57.1#

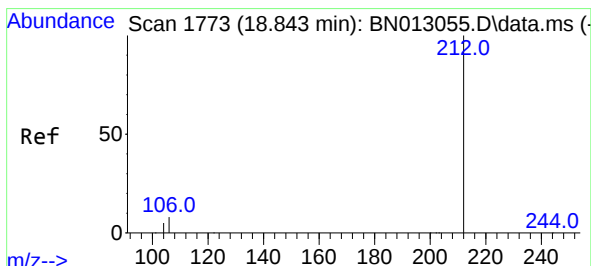
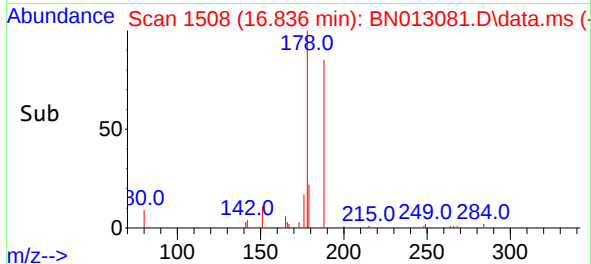
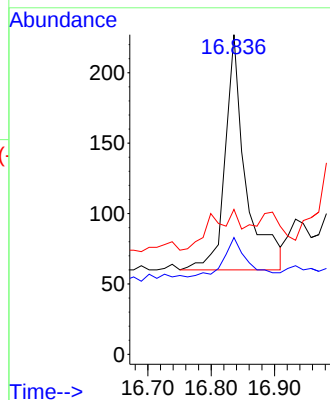
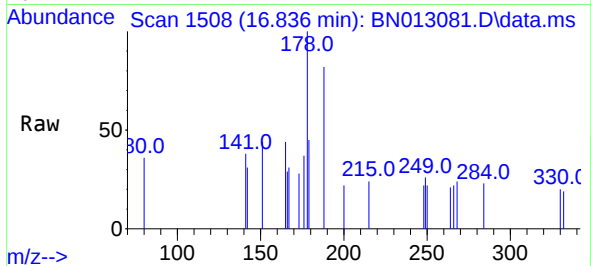




#25
Phenanthrene
Concen: 0.03 ng
RT: 16.836 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

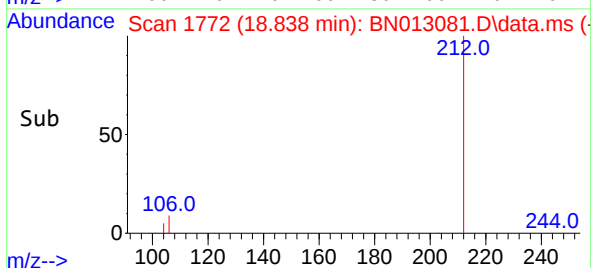
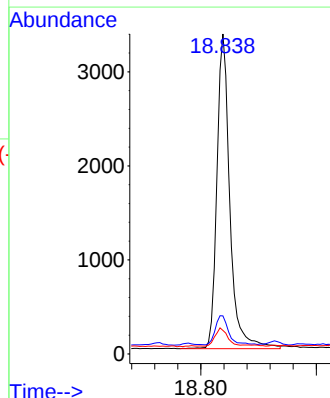
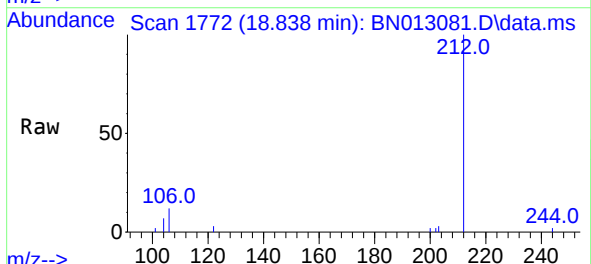
Instrument :
BNA_N
ClientSampleId :
RE108D1-20201208

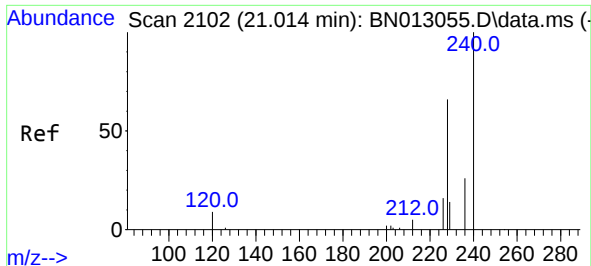
Tgt Ion:178 Resp: 377
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 0.0 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.838 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

Tgt Ion:212 Resp: 5196
Ion Ratio Lower Upper
212 100
106 9.6 6.8 10.2
104 5.4 4.1 6.1

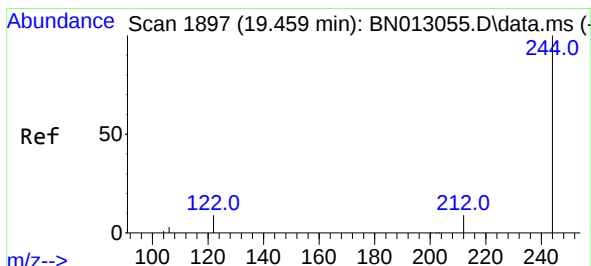
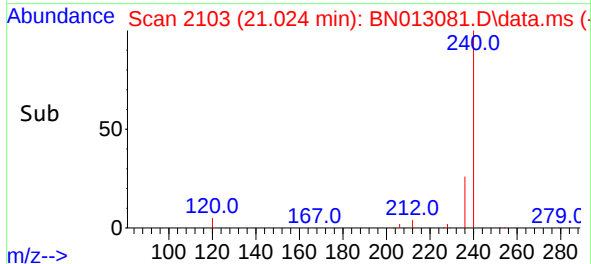
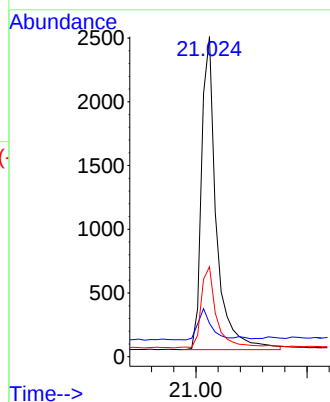
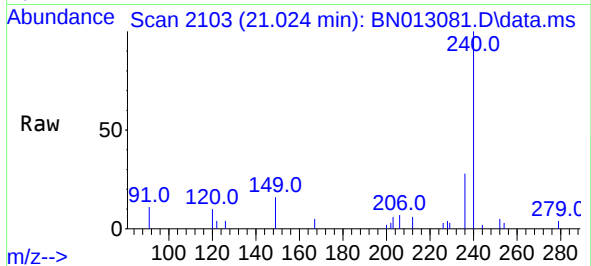




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.024 min Scan# 2103
Delta R.T. 0.011 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

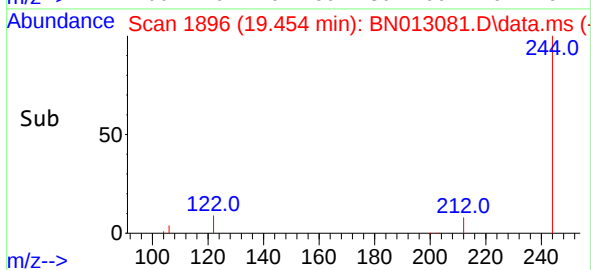
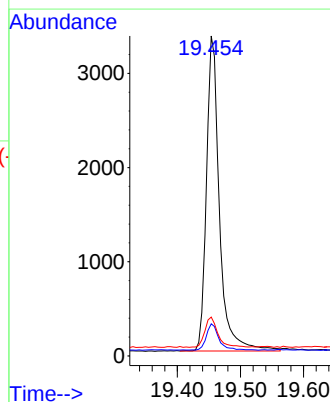
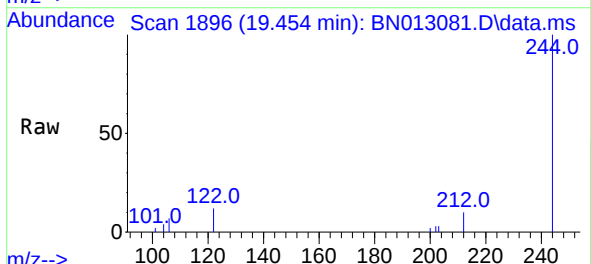
Instrument :
BNA_N
ClientSampleId :
RE108D1-20201208

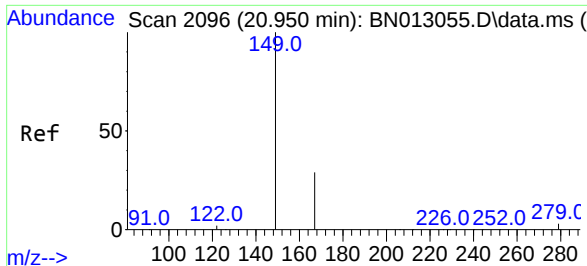
Tgt Ion:240 Resp: 4563
Ion Ratio Lower Upper
240 100
120 10.4 5.3 7.9#
236 28.1 21.8 32.8



#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.454 min Scan# 1896
Delta R.T. -0.005 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

Tgt Ion:244 Resp: 4766
Ion Ratio Lower Upper
244 100
212 10.0 7.3 10.9
122 12.1 7.3 10.9#



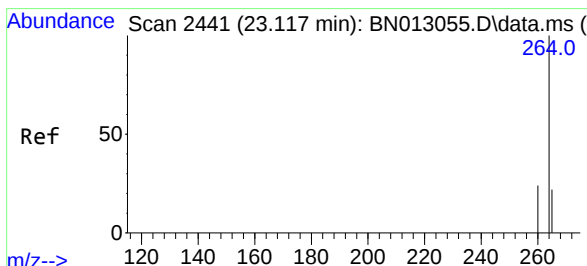
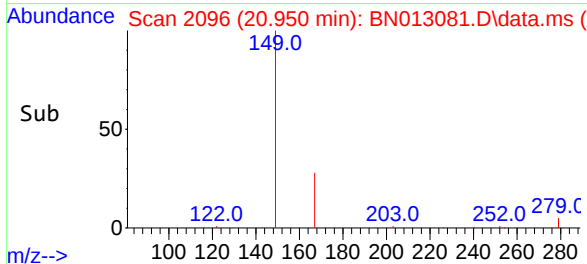
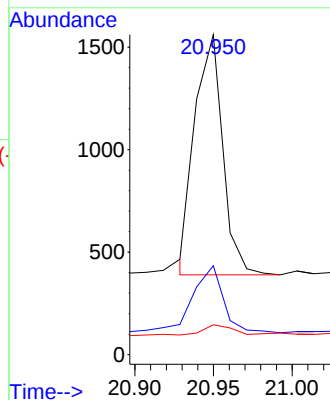
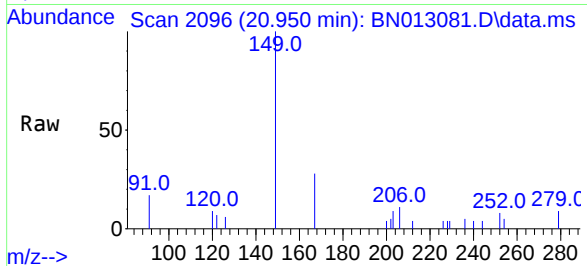


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 20.950 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

Instrument :
BNA_N
ClientSampleId :
RE108D1-20201208

Tgt Ion:149 Resp: 1451

Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.2	34.8
279	4.5	3.9	5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.117 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN013081.D
Acq: 12 Dec 2020 08:20

Tgt Ion:264 Resp: 5024

Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.8	29.6
265	73.6	51.4	77.0

