

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121521\
 Data File : BN018020.D
 Acq On : 15 Dec 2021 11:30
 Operator : CG/JU
 Sample : M4956-08DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 16 03:42:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 01:08:04 2021
 Response via : Initial Calibration

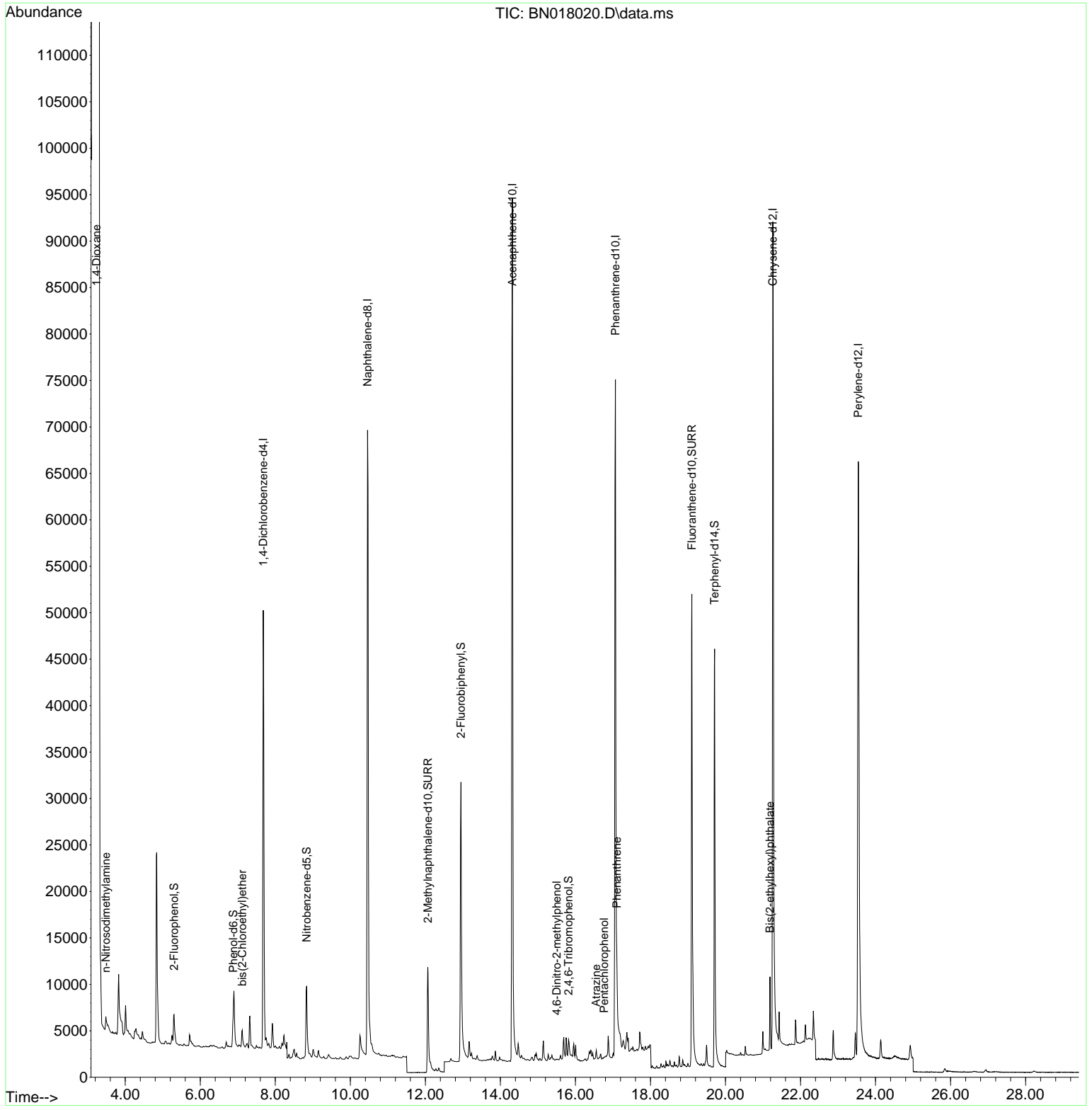
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	28135	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	111661	0.400	ng	#-0.01
13) Acenaphthene-d10	14.319	164	67561	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	140897	0.400	ng	0.00
29) Chrysene-d12	21.259	240	132986	0.400	ng	#-0.01
35) Perylene-d12	23.539	264	122241	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	4189	0.069	ng	0.00
5) Phenol-d6	6.877	99	2571	0.042	ng	0.00
8) Nitrobenzene-d5	8.835	82	9613	0.121	ng	0.00
11) 2-Methylnaphthalene-d10	12.065	152	23201	0.125	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	2670	0.251	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	36727	0.156	ng	0.00
27) Fluoranthene-d10	19.103	212	78640	0.167	ng	0.00
31) Terphenyl-d14	19.708	244	63207	0.228	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.235	88	40622	2.317	ng	# 56
3) n-Nitrosodimethylamine	3.484	42	711	0.027	ng	# 1
6) bis(2-Chloroethyl)ether	7.117	93	1520	0.021	ng	96
20) 4,6-Dinitro-2-methylph...	15.499	198	14	0.209	ng	# 1
23) Atrazine	16.555	200	74	0.082	ng	# 1
24) Pentachlorophenol	16.762	266	105	0.247	ng	# 85
25) Phenanthrene	17.103	178	7417	0.021	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.185	149	7107	0.036	ng	99

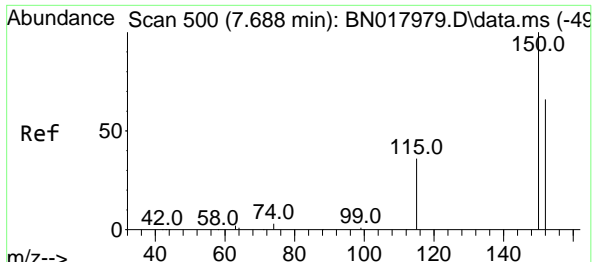
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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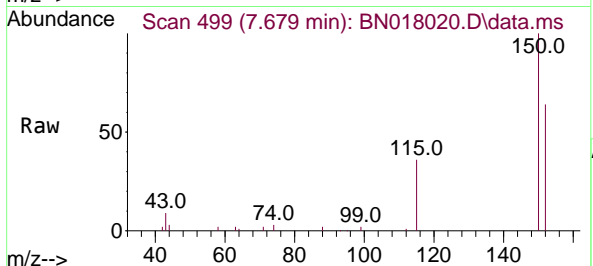
Quant Time: Dec 16 03:42:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
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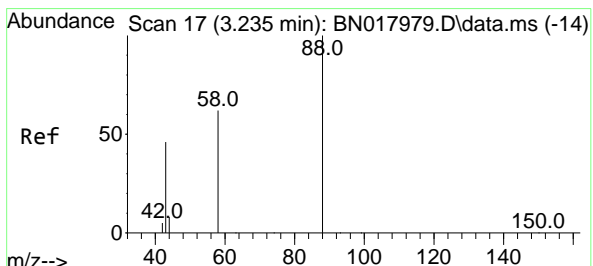
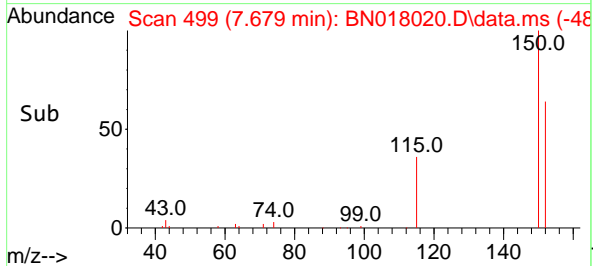
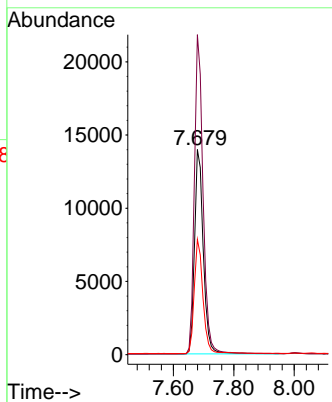


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.679 min Scan# 499
 Delta R.T. -0.009 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Instrument :
 BNA_N
 ClientSampleId :

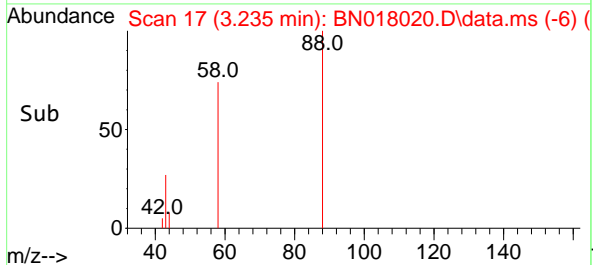
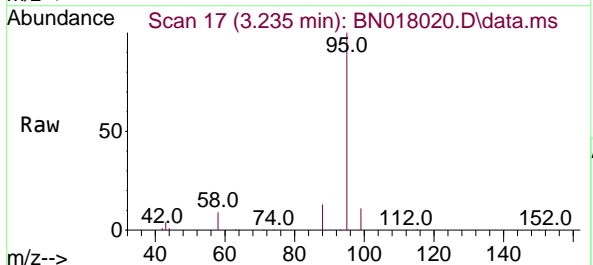
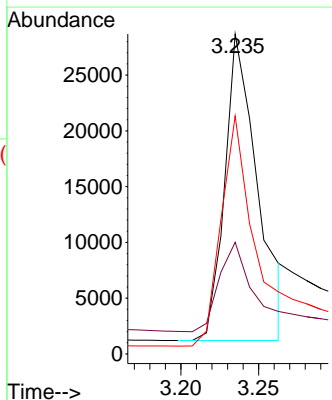


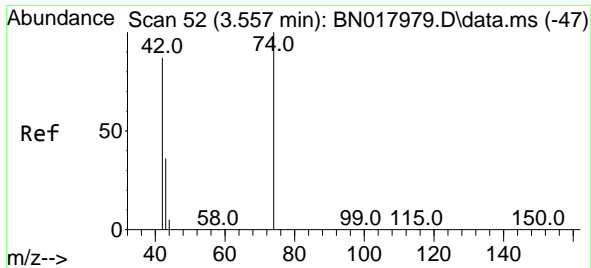
Tgt Ion:152 Resp: 28135
 Ion Ratio Lower Upper
 152 100
 150 156.0 121.7 182.5
 115 56.1 43.8 65.8



#2
 1,4-Dioxane
 Concen: 2.317 ng
 RT: 3.235 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

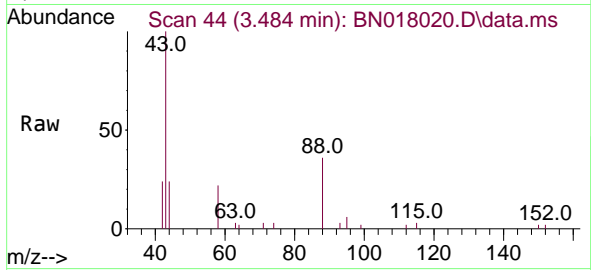
Tgt Ion: 88 Resp: 40622
 Ion Ratio Lower Upper
 88 100
 43 29.9 69.7 104.5#
 58 74.9 83.8 125.8#



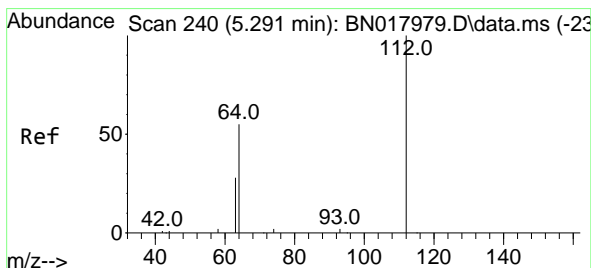
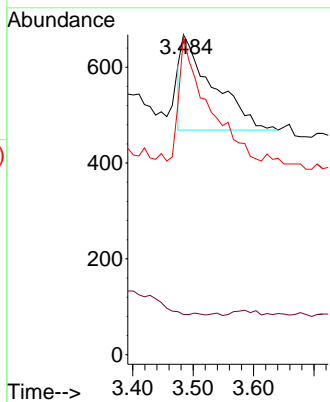
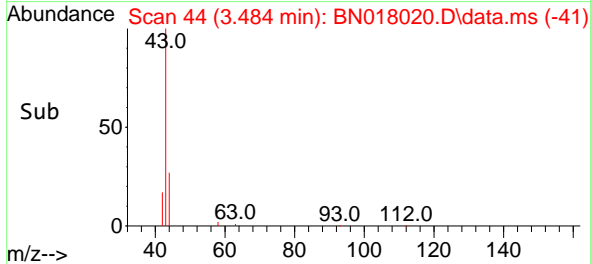


#3
 n-Nitrosodimethylamine
 Concen: 0.027 ng
 RT: 3.484 min Scan# 44
 Delta R.T. -0.074 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

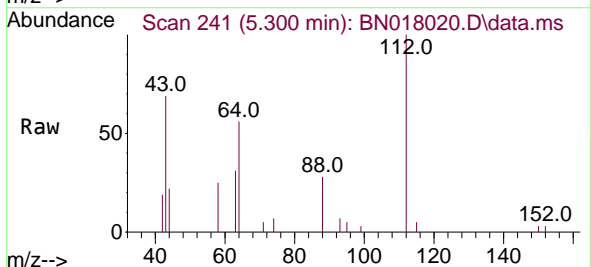
Instrument :
 BNA_N
 ClientSampleId :



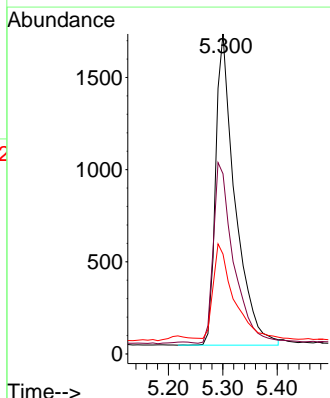
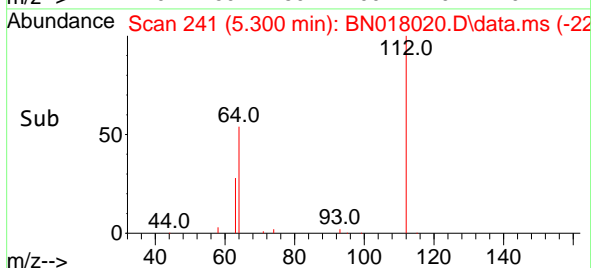
Tgt Ion: 42 Resp: 711
 Ion Ratio Lower Upper
 42 100
 74 0.4 108.6 163.0#
 44 108.0 5.8 8.8#

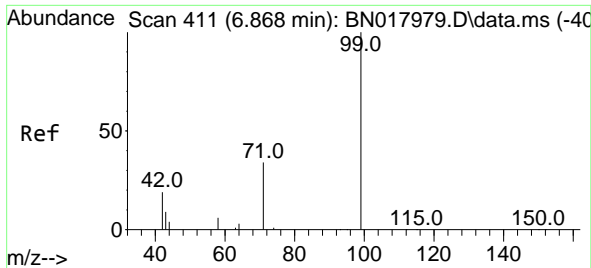


#4
 2-Fluorophenol
 Concen: 0.069 ng
 RT: 5.300 min Scan# 241
 Delta R.T. 0.009 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30



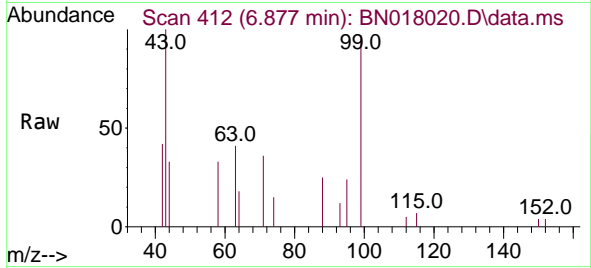
Tgt Ion: 112 Resp: 4189
 Ion Ratio Lower Upper
 112 100
 64 60.2 48.0 72.0
 63 31.0 25.3 37.9



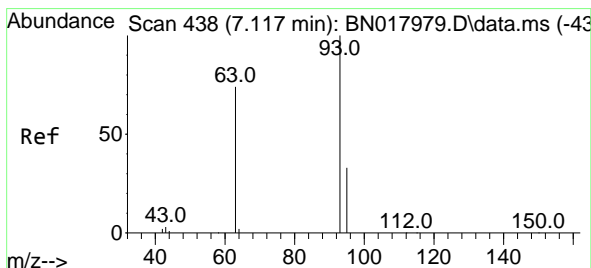
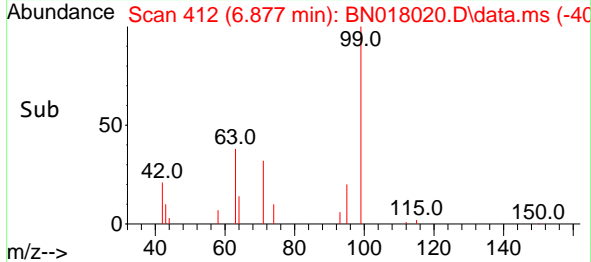
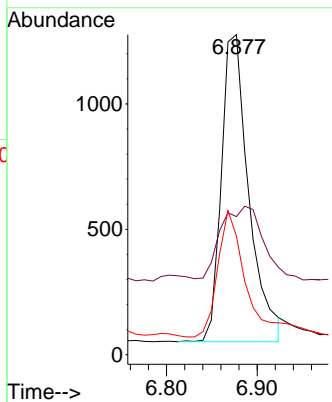


#5
 Phenol-d6
 Concen: 0.042 ng
 RT: 6.877 min Scan# 411
 Delta R.T. 0.009 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Instrument :
 BNA_N
 ClientSampleId :

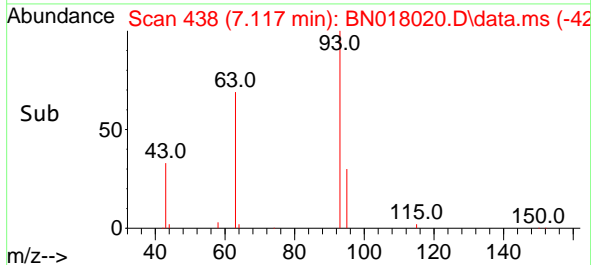
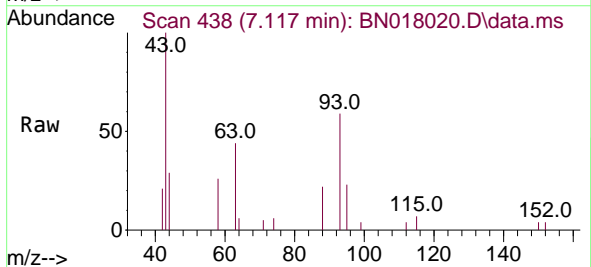
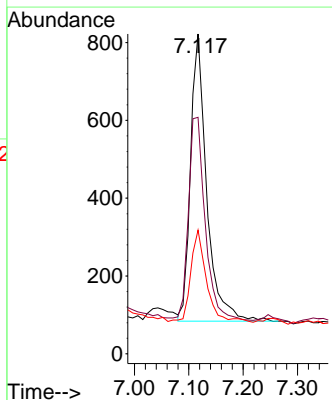


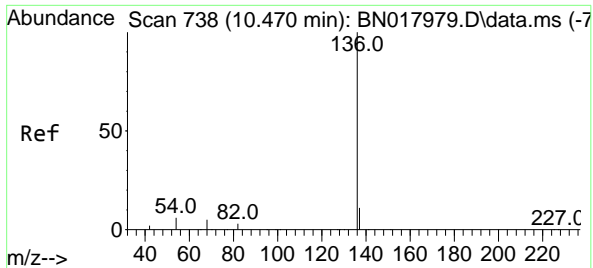
Tgt Ion: 99 Resp: 2571
 Ion Ratio Lower Upper
 99 100
 42 35.3 16.3 24.5#
 71 40.6 26.8 40.2#



#6
 bis(2-Chloroethyl)ether
 Concen: 0.021 ng
 RT: 7.117 min Scan# 438
 Delta R.T. 0.000 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Tgt Ion: 93 Resp: 1520
 Ion Ratio Lower Upper
 93 100
 63 73.3 61.7 92.5
 95 30.9 26.2 39.4



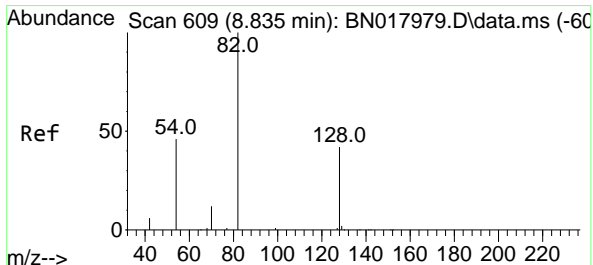
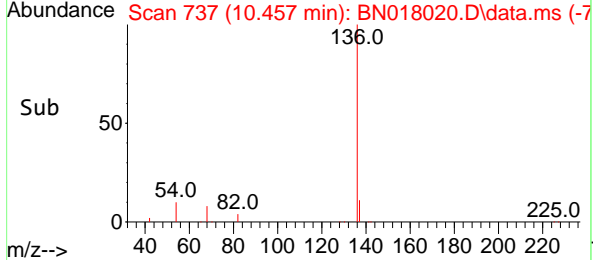
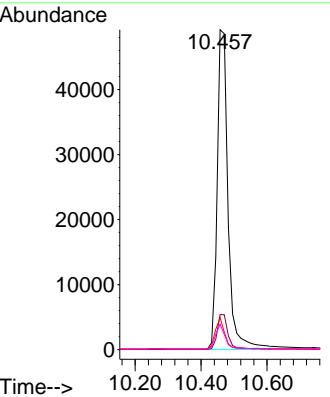
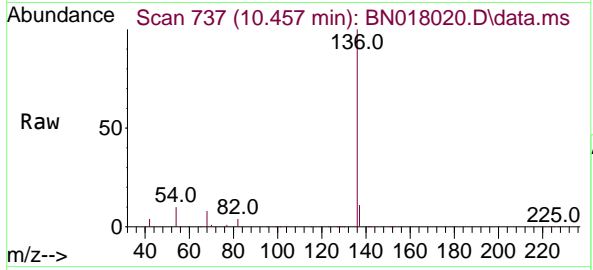


#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.457 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Instrument : BNA_N
 ClientSampleId :

Tgt Ion:136 Resp: 111661

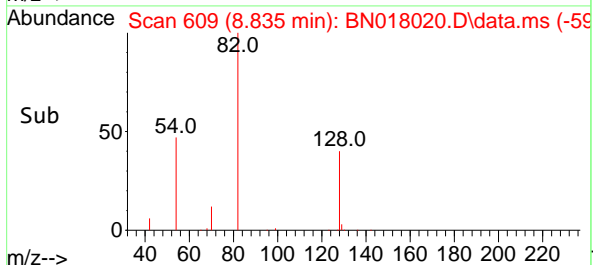
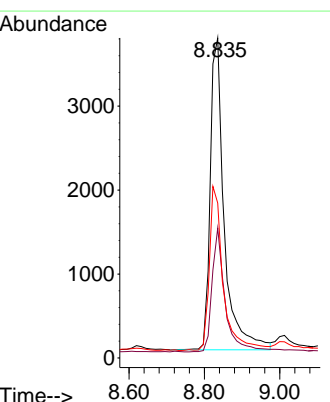
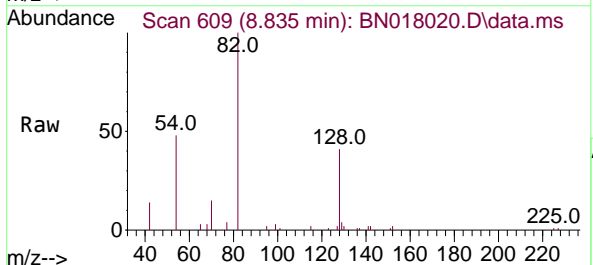
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.0	5.0	7.6#
68	8.0	4.4	6.6#

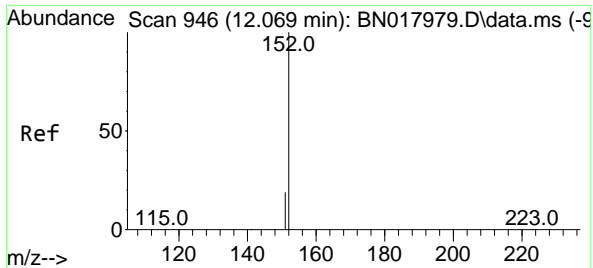


#8
 Nitrobenzene-d5
 Concen: 0.121 ng
 RT: 8.835 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Tgt Ion: 82 Resp: 9613

Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.7	50.5
54	48.4	36.6	55.0

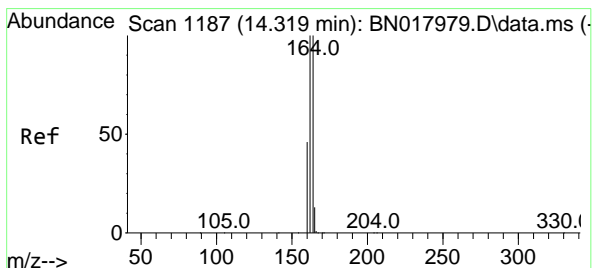
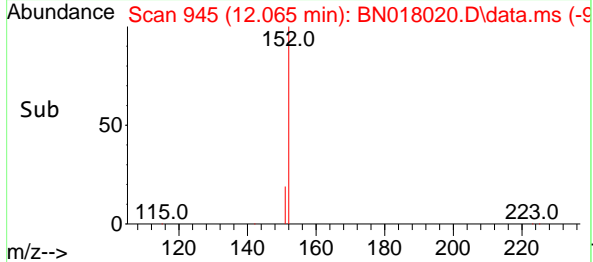
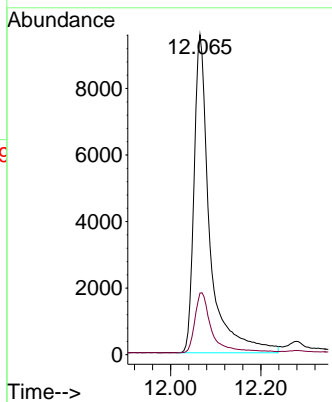
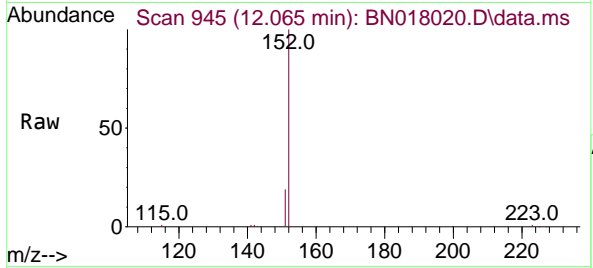




#11
 2-Methylnaphthalene-d10
 Concen: 0.125 ng
 RT: 12.065 min Scan# 945
 Delta R.T. -0.004 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

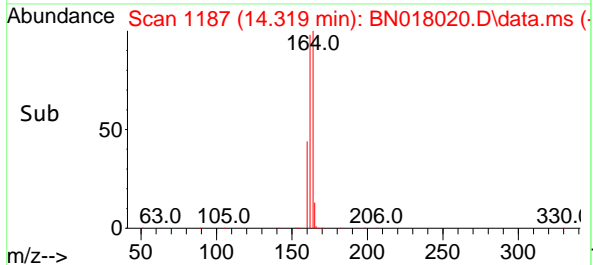
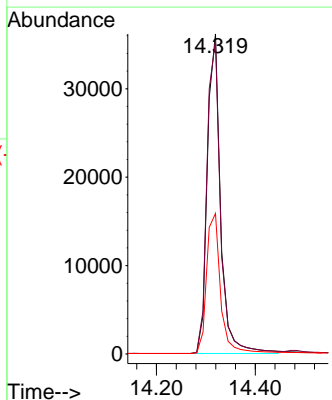
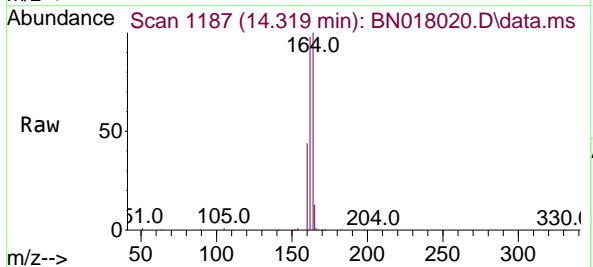
Instrument :
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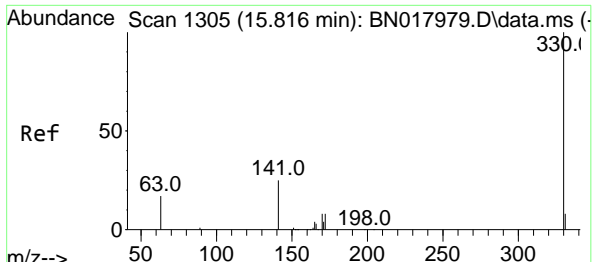
Tgt Ion:152 Resp: 23201
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.2 24.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.319 min Scan# 1187
 Delta R.T. 0.000 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

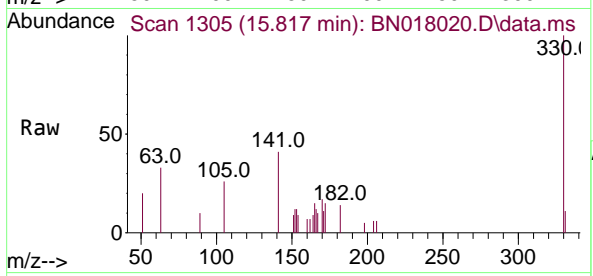
Tgt Ion:164 Resp: 67561
 Ion Ratio Lower Upper
 164 100
 162 97.9 80.2 120.2
 160 43.9 36.9 55.3





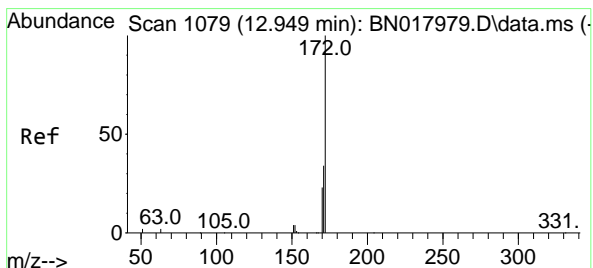
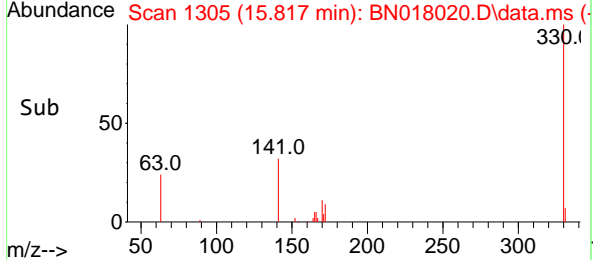
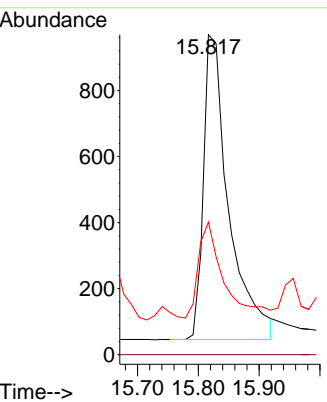
#14
 2,4,6-Tribromophenol
 Concen: 0.251 ng
 RT: 15.817 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Instrument :
 BNA_N
 ClientSampleId :

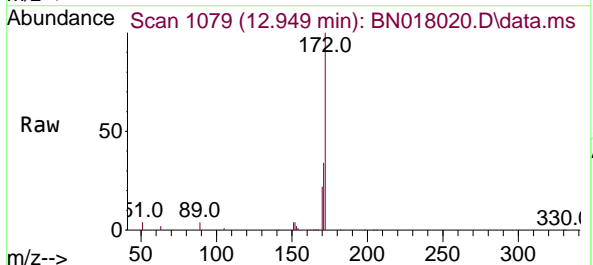


Tgt Ion: 330 Resp: 2670

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.3	21.3	31.9

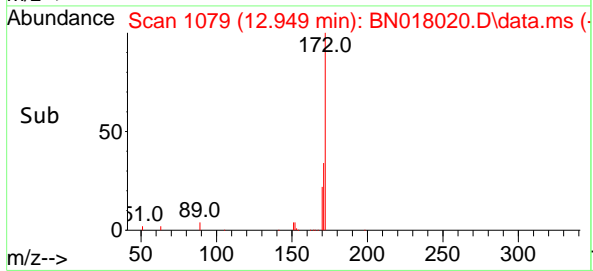
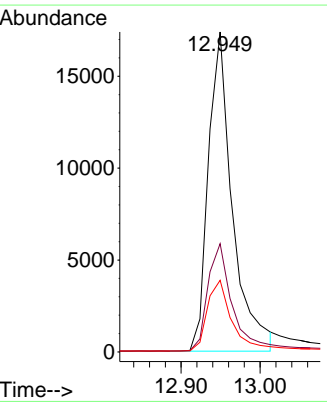


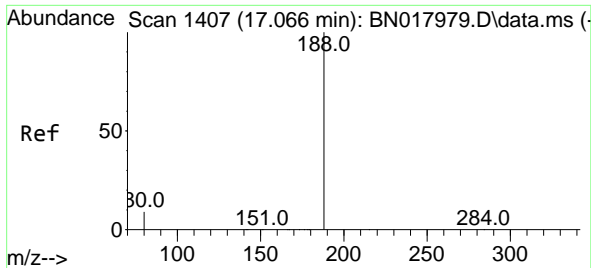
#15
 2-Fluorobiphenyl
 Concen: 0.156 ng
 RT: 12.949 min Scan# 1079
 Delta R.T. 0.000 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30



Tgt Ion: 172 Resp: 36727

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.4	41.0
170	22.4	18.4	27.6

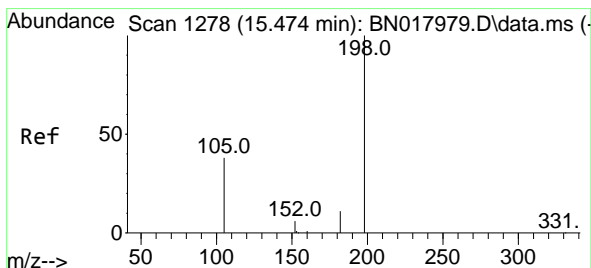
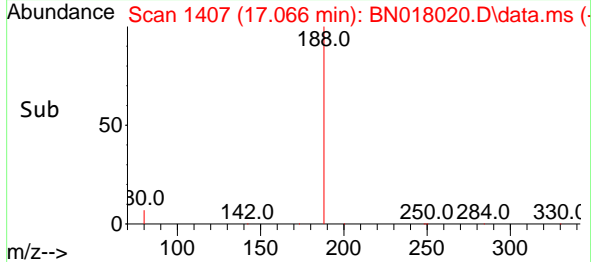
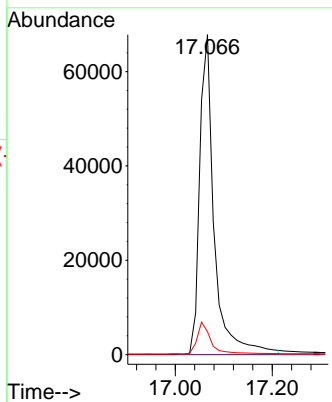
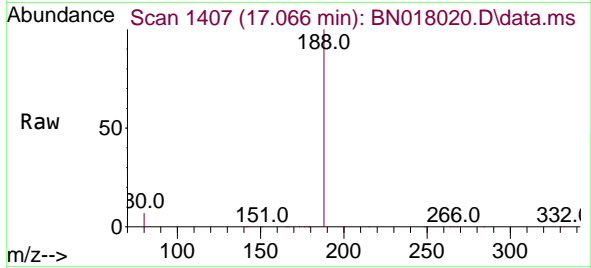




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.066 min Scan# 1408
 Delta R.T. 0.000 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

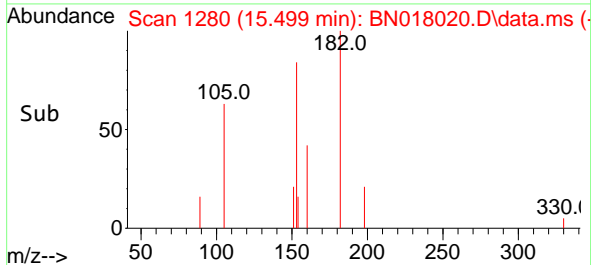
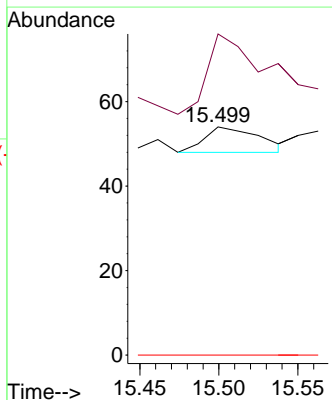
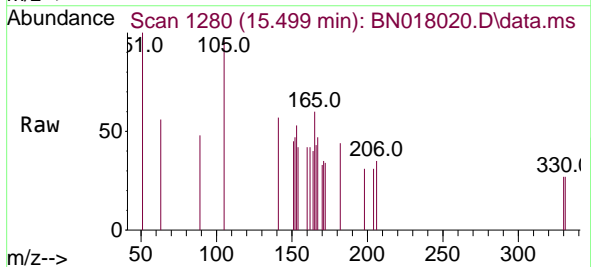
Instrument :
 BNA_N
 ClientSampleId :

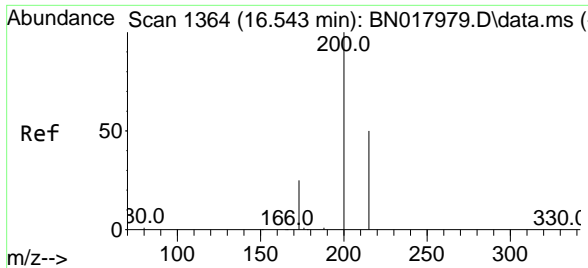
Tgt Ion	Resp	Lower	Upper
188	140897		
94	0.0	0.0	0.0
80	7.2	7.0	10.4



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.209 ng
 RT: 15.499 min Scan# 1280
 Delta R.T. 0.025 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Tgt Ion	Resp	Lower	Upper
198	14		
182	140.7	15.5	23.3
77	0.0	0.0	0.0



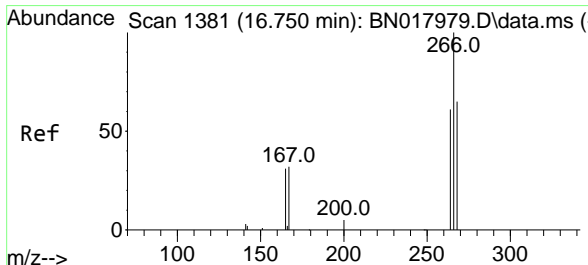
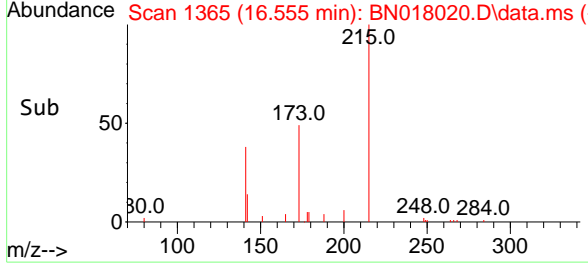
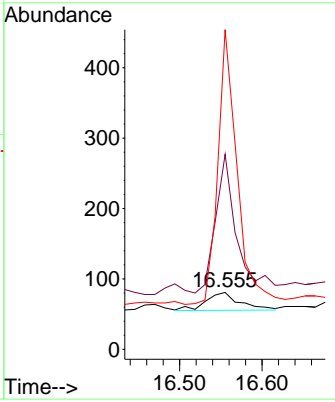
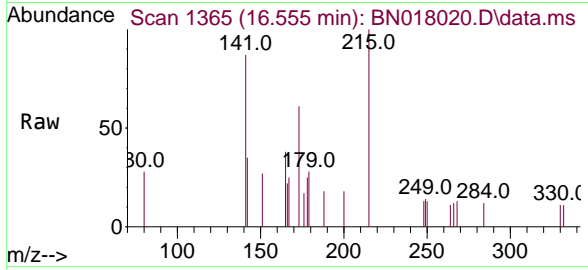


#23
 Atrazine
 Concen: 0.082 ng
 RT: 16.555 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:200 Resp: 74

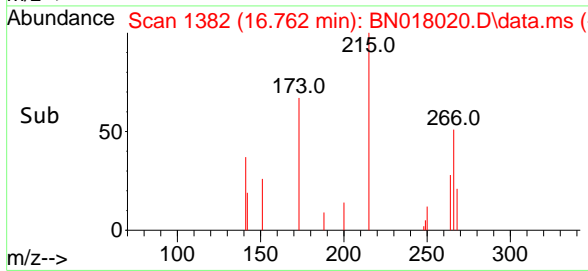
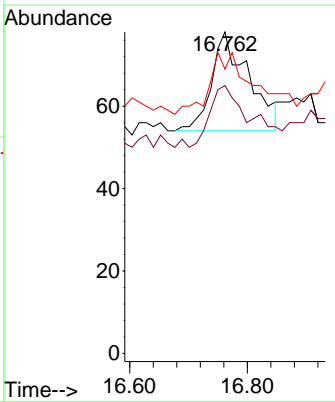
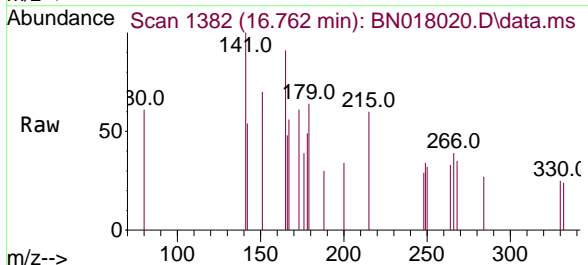
Ion	Ratio	Lower	Upper
200	100		
173	342.0	20.3	30.5#
215	560.5	40.4	60.6#

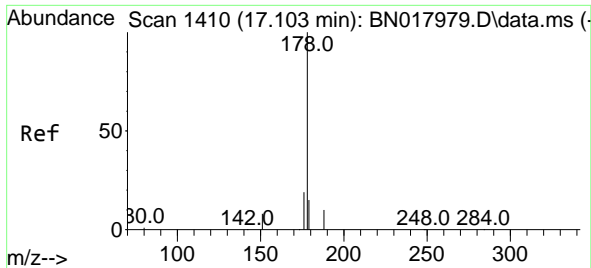


#24
 Pentachlorophenol
 Concen: 0.247 ng
 RT: 16.762 min Scan# 1382
 Delta R.T. 0.012 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Tgt Ion:266 Resp: 105

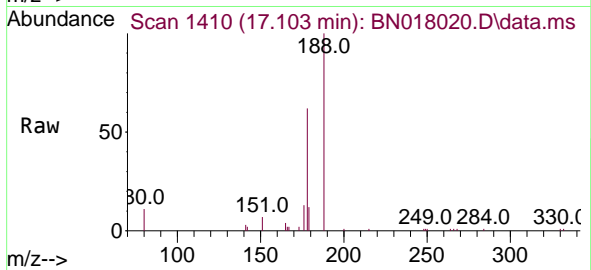
Ion	Ratio	Lower	Upper
266	100		
264	70.5	49.5	74.3
268	77.1	50.6	76.0#



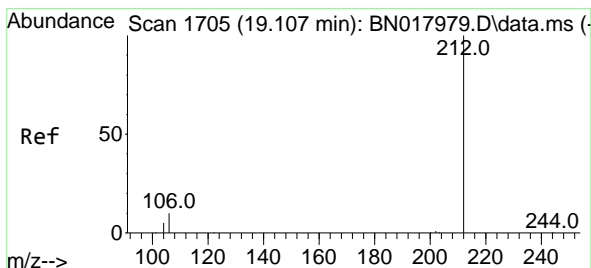
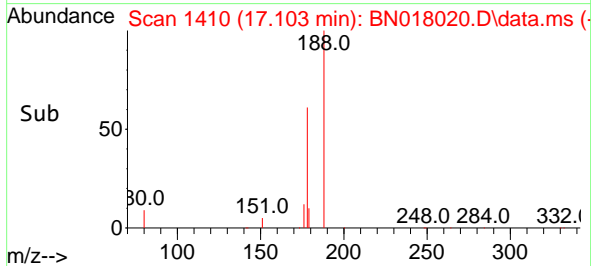
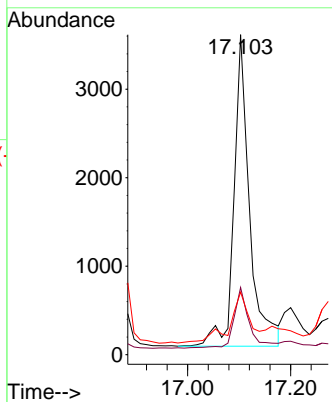


#25
 Phenanthrene
 Concen: 0.021 ng
 RT: 17.103 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Instrument :
 BNA_N
 ClientSampleId :

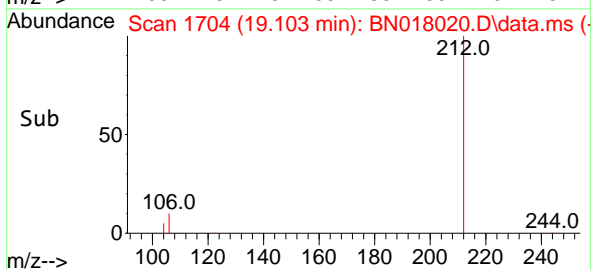
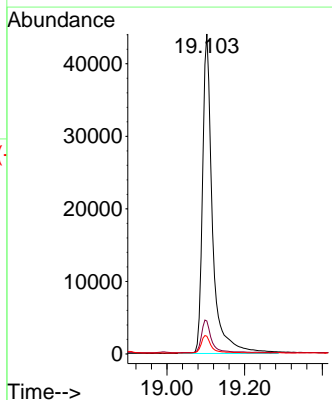
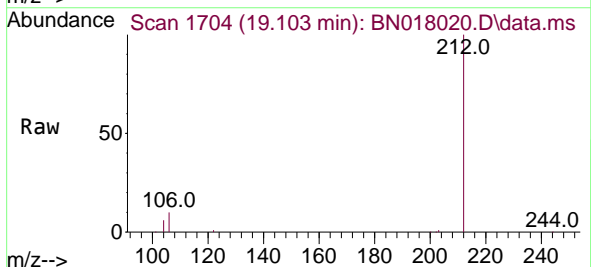


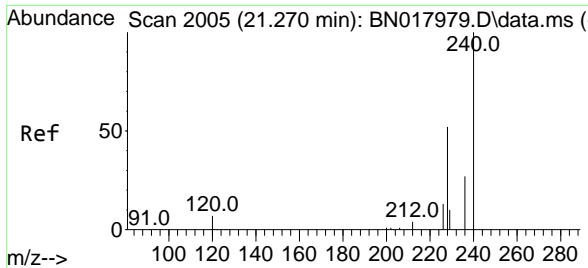
Tgt Ion:178 Resp: 7417
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.3 22.9
 179 20.4 12.3 18.5#



#27
 Fluoranthene-d10
 Concen: 0.167 ng
 RT: 19.103 min Scan# 1704
 Delta R.T. -0.005 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

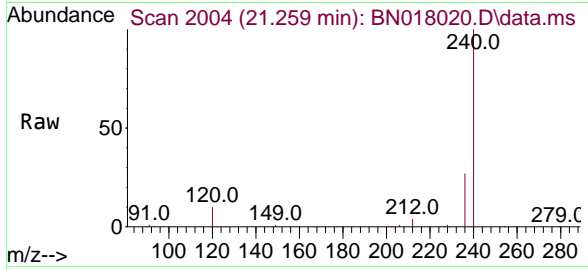
Tgt Ion:212 Resp: 78640
 Ion Ratio Lower Upper
 212 100
 106 10.2 8.4 12.6
 104 5.9 4.5 6.7



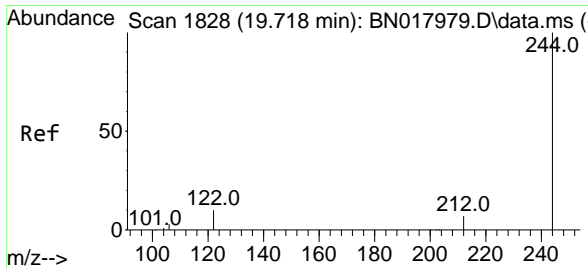
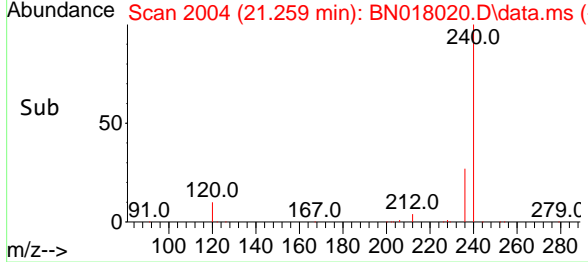
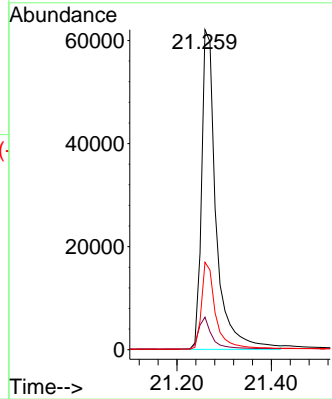


#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.259 min Scan# 2004
 Delta R.T. -0.010 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Instrument : BNA_N
 Client SampleId :

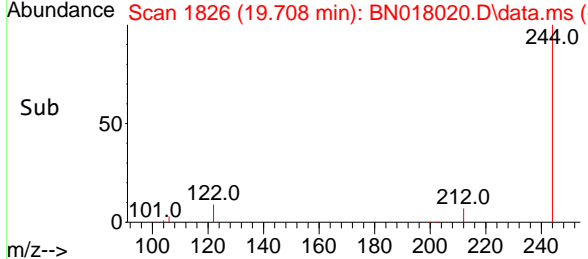
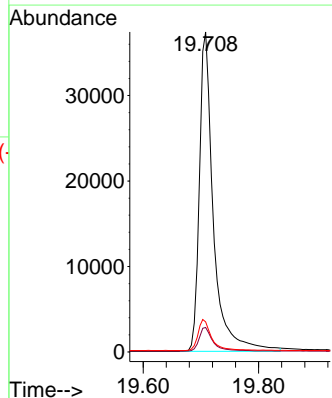
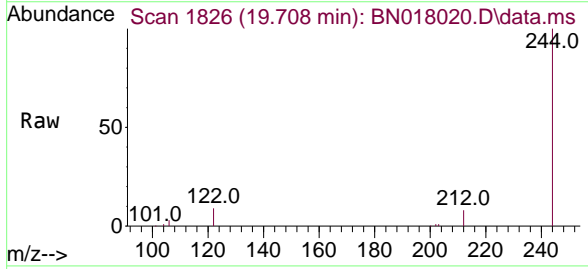


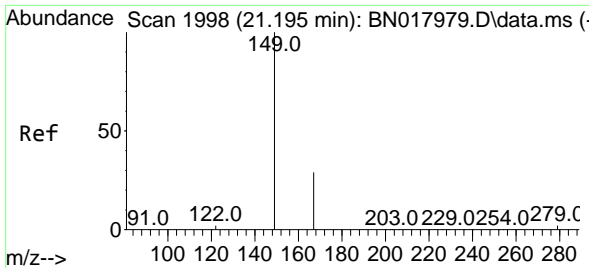
Tgt Ion:240 Resp: 132986
 Ion Ratio Lower Upper
 240 100
 120 10.2 6.0 9.0#
 236 27.3 21.4 32.2



#31
 Terphenyl-d14
 Concen: 0.228 ng
 RT: 19.708 min Scan# 1826
 Delta R.T. -0.010 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

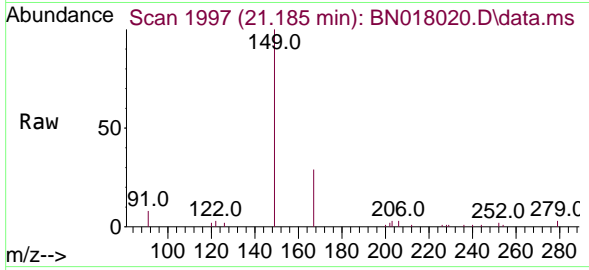
Tgt Ion:244 Resp: 63207
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.4 7.9 11.9





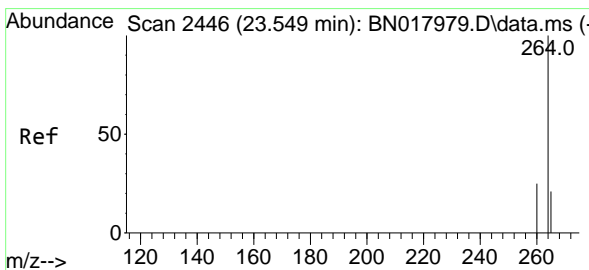
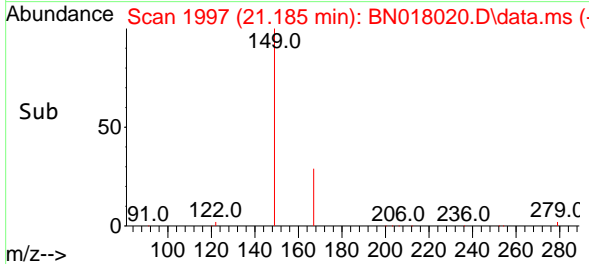
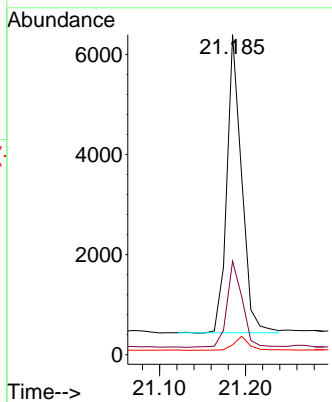
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.036 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Instrument : BNA_N
 ClientSampleId :



Tgt Ion:149 Resp: 7107

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.7	35.5
279	5.0	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.539 min Scan# 2443
 Delta R.T. -0.010 min
 Lab File: BN018020.D
 Acq: 15 Dec 2021 11:30

Tgt Ion:264 Resp: 122241

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.4
265	22.9	18.2	27.2

