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 Data File : BN033281.D
 Acq On : 06 Aug 2024 19:50
 Operator : MA/JU
 Sample : P3469-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

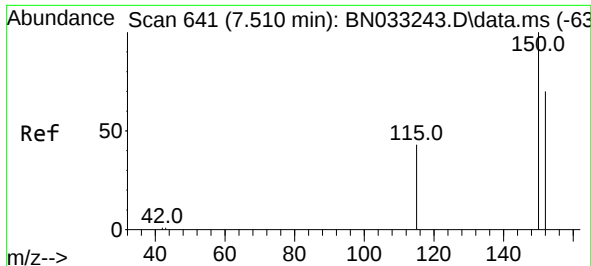
Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-625-640

Quant Time: Aug 07 02:04:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 23:57:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	748	0.400	ng	0.04
7) Naphthalene-d8	10.298	136	3133	0.400	ng	-0.02
13) Acenaphthene-d10	14.126	164	2110	0.400	ng	0.00
19) Phenanthrene-d10	16.908	188	5456	0.400	ng	-0.01
29) Chrysene-d12	21.125	240	6187	0.400	ng	0.00
35) Perylene-d12	23.291	264	7180	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.249	112	76	0.041	ng	-0.04
5) Phenol-d6	7.033	99	102	0.040	ng	0.04
8) Nitrobenzene-d5	8.910	82	357	0.142	ng	-0.01
11) 2-Methylnaphthalene-d10	11.890	152	1531	0.329	ng	-0.04
14) 2,4,6-Tribromophenol	15.691	330	384	0.488	ng	-0.02
15) 2-Fluorobiphenyl	12.758	172	2302	0.319	ng	-0.04
27) Fluoranthene-d10	18.936	212	7353	0.482	ng	-0.01
31) Terphenyl-d14	19.526	244	5752	0.538	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.422	42	23	0.025	ng	# 1
12) 2-Methylnaphthalene	11.961	142	155	0.031	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.484	198	3	0.251	ng	87
25) Phenanthrene	16.945	178	340	0.023	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.008	149	1857	0.434	ng	99

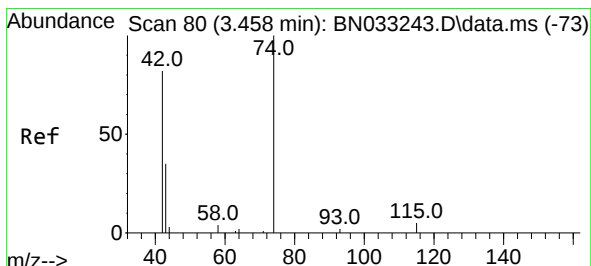
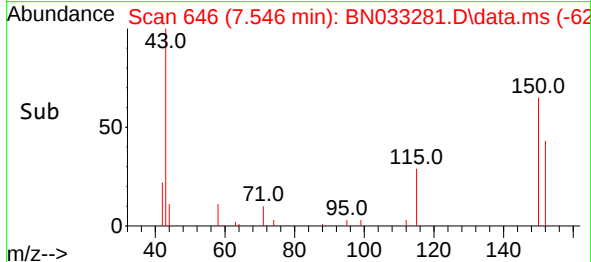
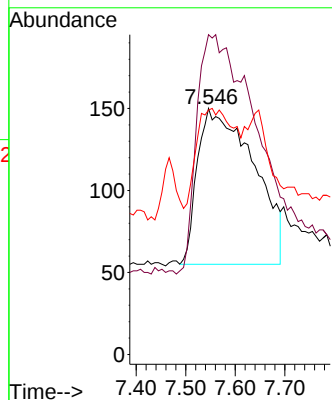
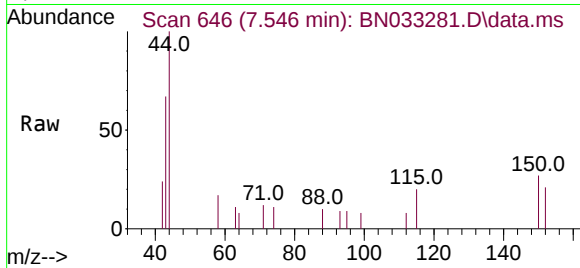
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.546 min Scan# 64
 Delta R.T. 0.036 min
 Lab File: BN033281.D
 Acq: 06 Aug 2024 19:50

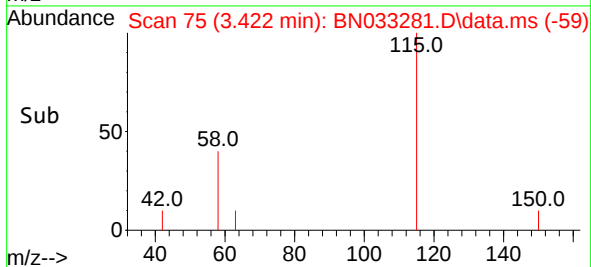
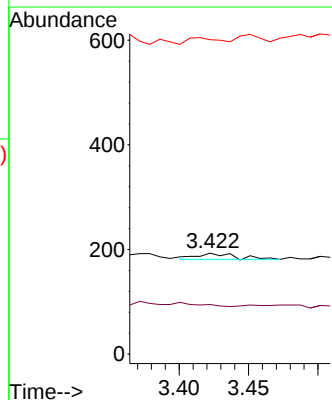
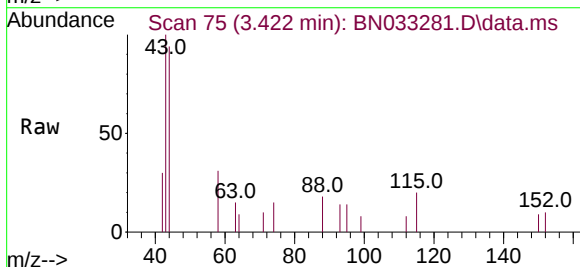
Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-625-640

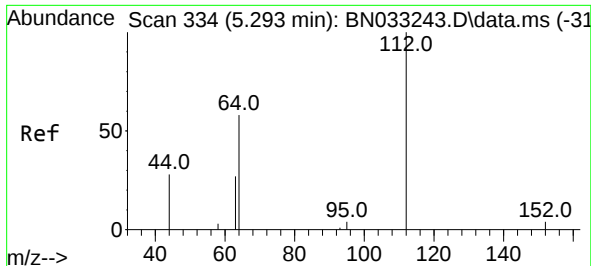
Tgt Ion:152 Resp: 748
 Ion Ratio Lower Upper
 152 100
 150 130.0 108.2 162.2
 115 99.3 70.5 105.7



#3
 n-Nitrosodimethylamine
 Concen: 0.025 ng
 RT: 3.422 min Scan# 75
 Delta R.T. -0.036 min
 Lab File: BN033281.D
 Acq: 06 Aug 2024 19:50

Tgt Ion: 42 Resp: 23
 Ion Ratio Lower Upper
 42 100
 74 0.0 0.0 0.0
 44 87.0 9.6 14.4#

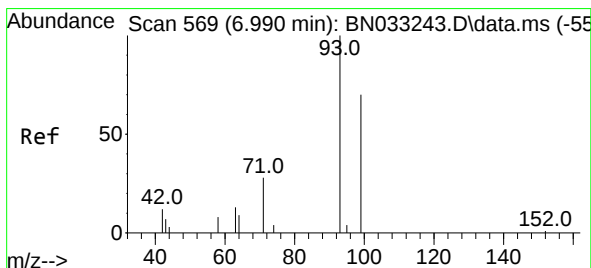
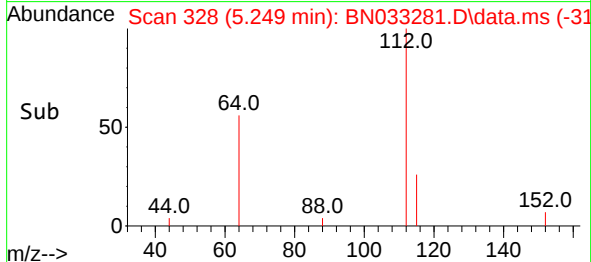
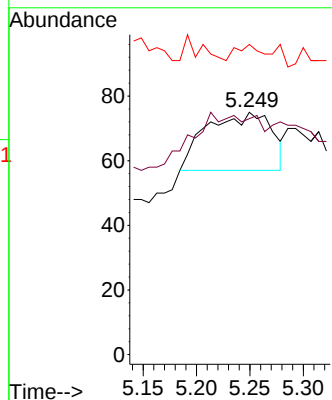
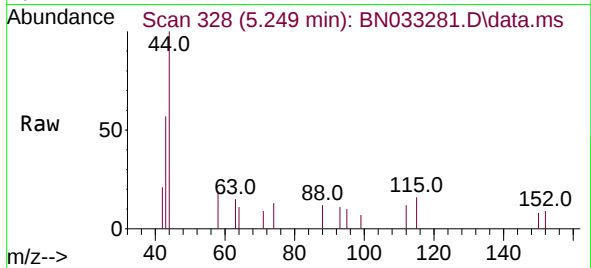




#4
2-Fluorophenol
Concen: 0.041 ng
RT: 5.249 min Scan# 31
Delta R.T. -0.044 min
Lab File: BN033281.D
Acq: 06 Aug 2024 19:50

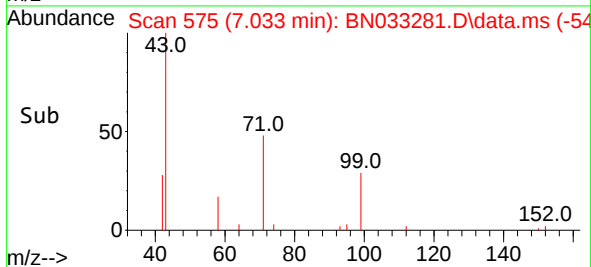
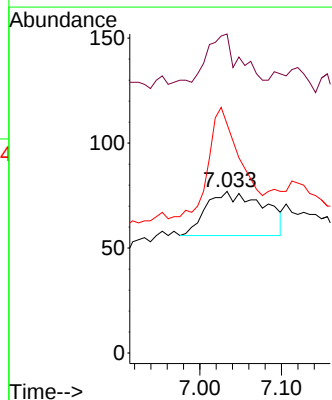
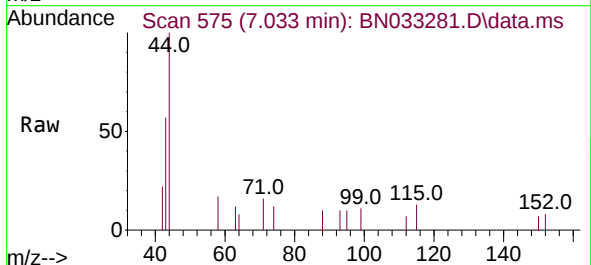
Instrument :
BNA_N
ClientSampleId :
MLS-15-625-640

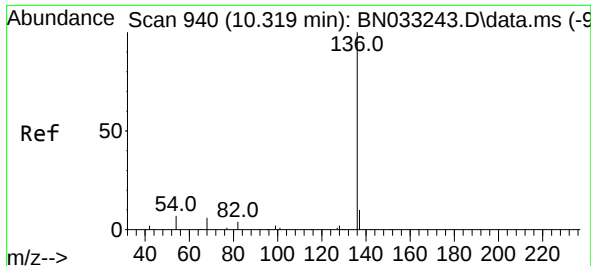
Tgt Ion:112 Resp: 76
Ion Ratio Lower Upper
112 100
64 0.0 18.0 27.0#
63 21.1 0.0 0.0#



#5
Phenol-d6
Concen: 0.040 ng
RT: 7.033 min Scan# 575
Delta R.T. 0.043 min
Lab File: BN033281.D
Acq: 06 Aug 2024 19:50

Tgt Ion: 99 Resp: 102
Ion Ratio Lower Upper
99 100
42 65.7 0.0 0.0#
71 139.2 0.0 0.0#

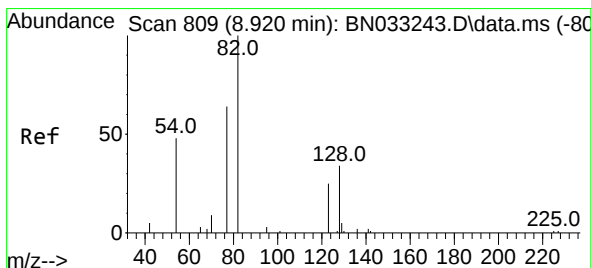
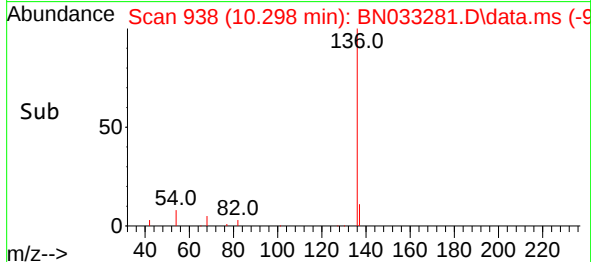
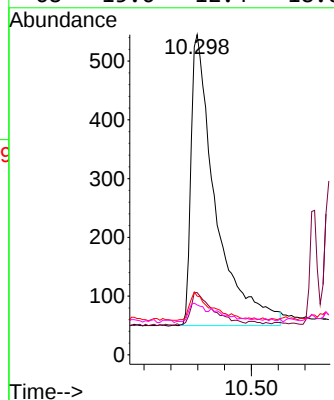
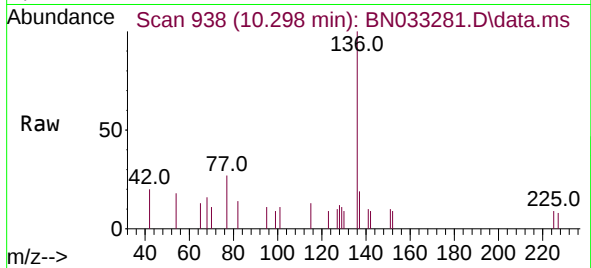




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.298 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN033281.D
Acq: 06 Aug 2024 19:50

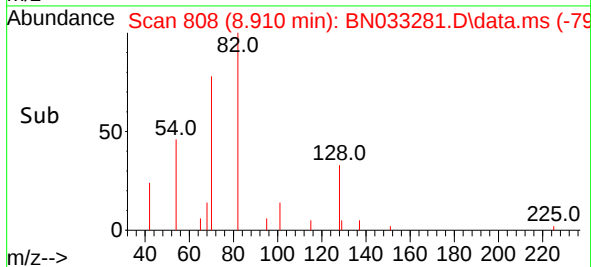
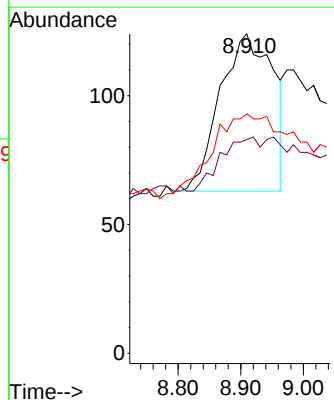
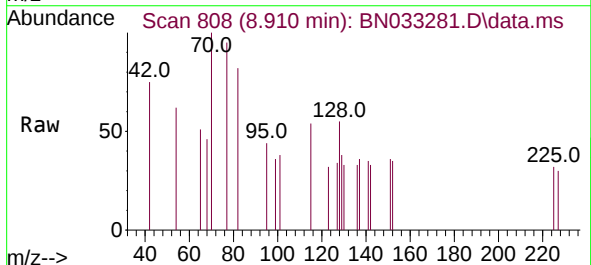
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ClientSampleId :
MLS-15-625-640

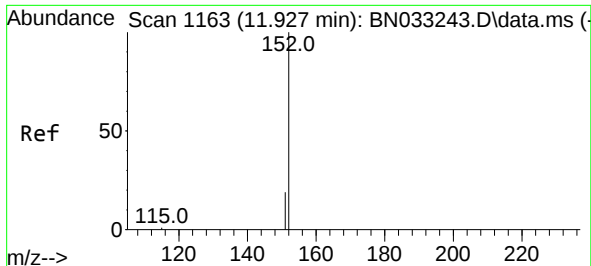
Tgt	Ion:136	Resp:	3133
Ion	Ratio	Lower	Upper
136	100		
137	19.4	14.1	21.1
54	18.3	13.8	20.8
68	15.6	12.4	18.6



#8
Nitrobenzene-d5
Concen: 0.142 ng
RT: 8.910 min Scan# 808
Delta R.T. -0.010 min
Lab File: BN033281.D
Acq: 06 Aug 2024 19:50

Tgt Ion: 82	Resp:	357	
Ion Ratio	Lower	Upper	
82 100			
128 66.9	54.8	82.2	
54 75.0	55.9	83.9	

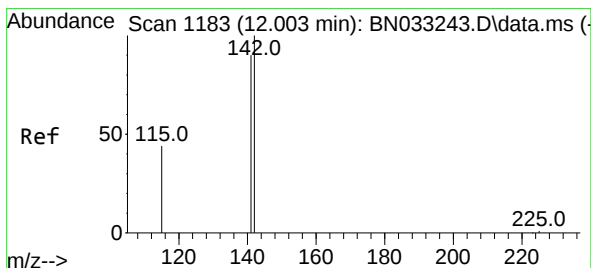
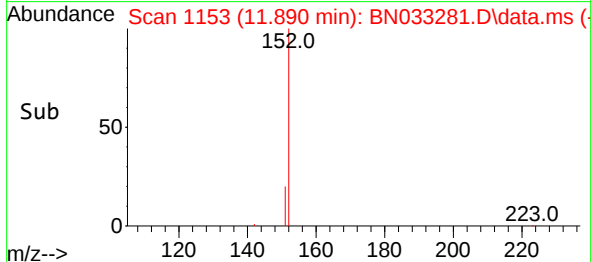
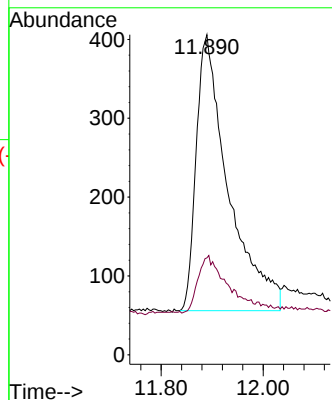
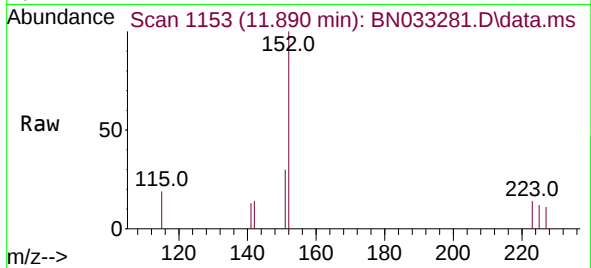




#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 11.890 min Scan# 1153
Delta R.T. -0.037 min
Lab File: BN033281.D
Acq: 06 Aug 2024 19:50

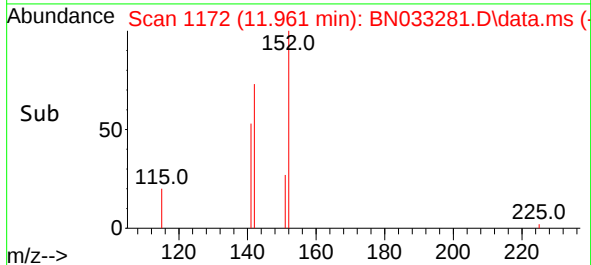
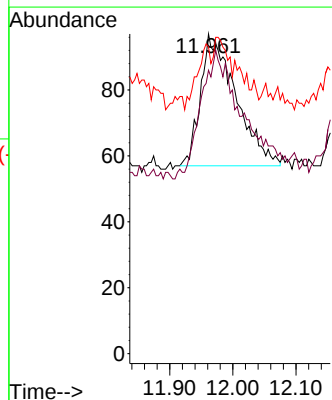
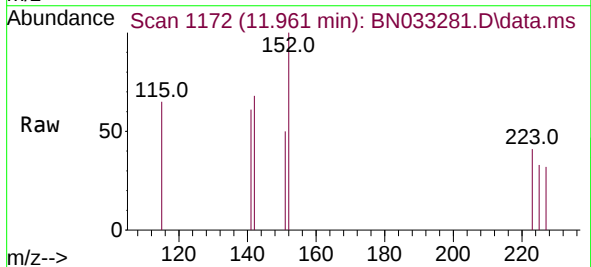
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ClientSampleId :
MLS-15-625-640

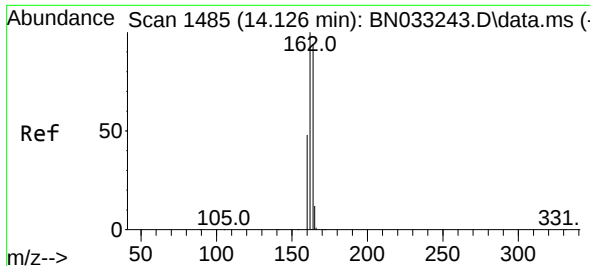
Tgt Ion:152 Resp: 1531
Ion Ratio Lower Upper
152 100
151 18.9 11.9 17.9#



#12
2-Methylnaphthalene
Concen: 0.031 ng
RT: 11.961 min Scan# 1172
Delta R.T. -0.042 min
Lab File: BN033281.D
Acq: 06 Aug 2024 19:50

Tgt Ion:142 Resp: 155
Ion Ratio Lower Upper
142 100
141 88.7 68.7 103.1
115 95.9 41.6 62.4#

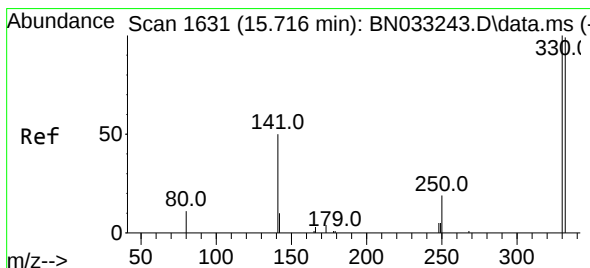
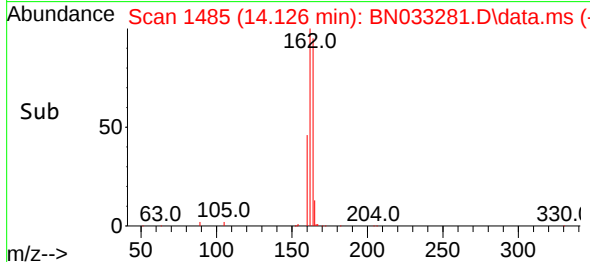
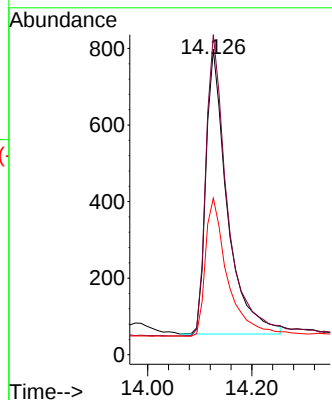
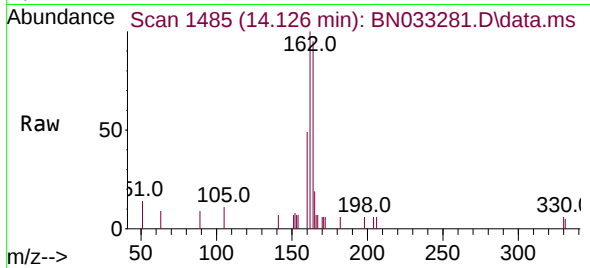




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.126 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BN033281.D
Acq: 06 Aug 2024 19:50

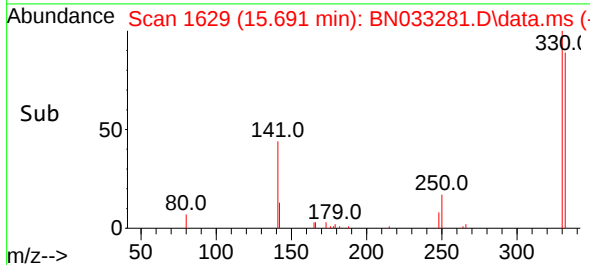
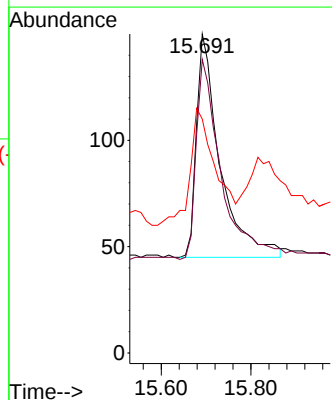
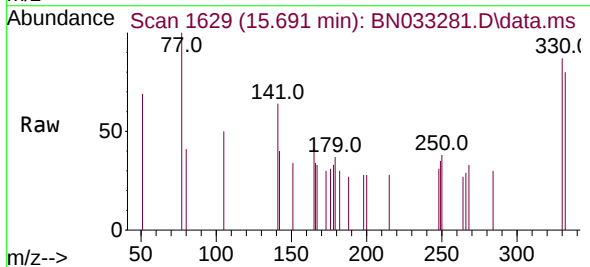
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ClientSampleId :
MLS-15-625-640

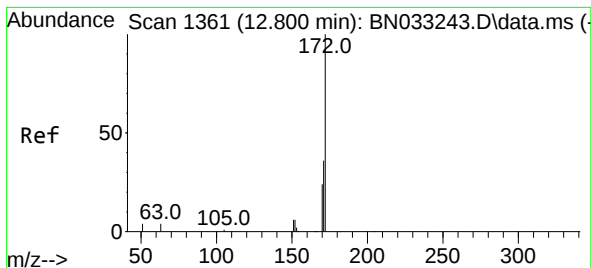
Tgt Ion:164 Resp: 2110
Ion Ratio Lower Upper
164 100
162 104.8 84.6 127.0
160 51.3 42.4 63.6



#14
2,4,6-Tribromophenol
Concen: 0.488 ng
RT: 15.691 min Scan# 1629
Delta R.T. -0.025 min
Lab File: BN033281.D
Acq: 06 Aug 2024 19:50

Tgt Ion:330 Resp: 384
Ion Ratio Lower Upper
330 100
332 93.5 73.7 110.5
141 39.6 44.8 67.2#

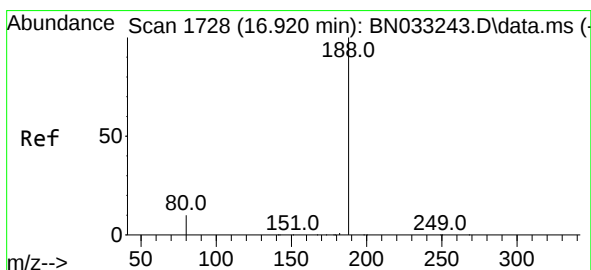
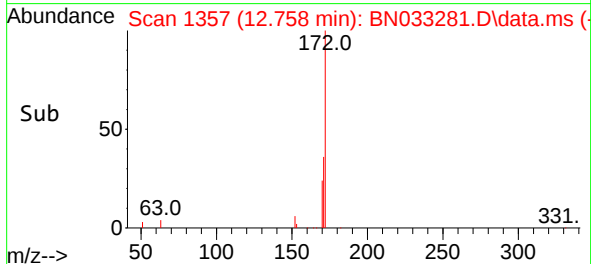
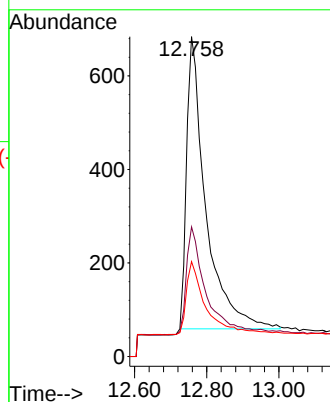
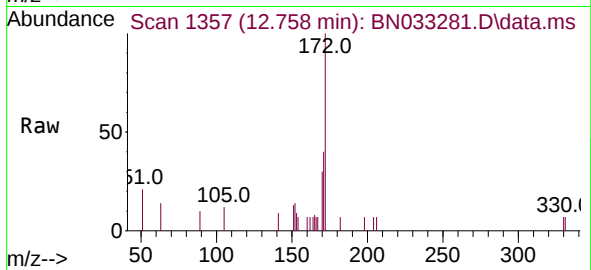




#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.758 min Scan# 11
Delta R.T. -0.043 min
Lab File: BN033281.D
Acq: 06 Aug 2024 19:50

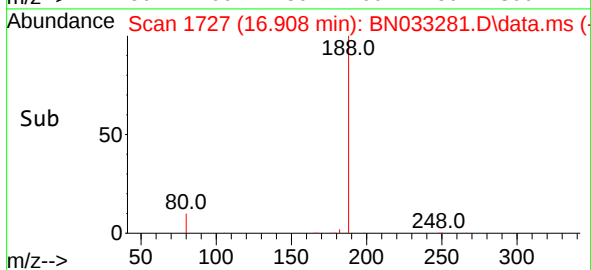
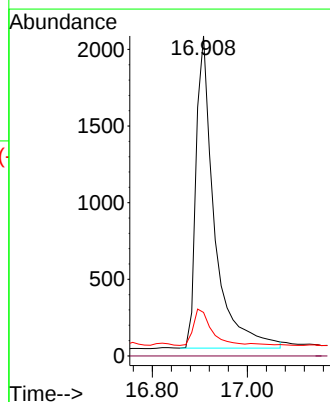
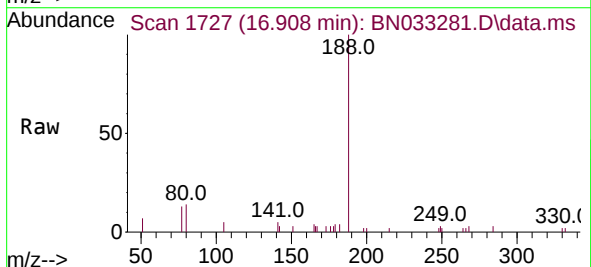
Instrument :
BNA_N
ClientSampleId :
MLS-15-625-640

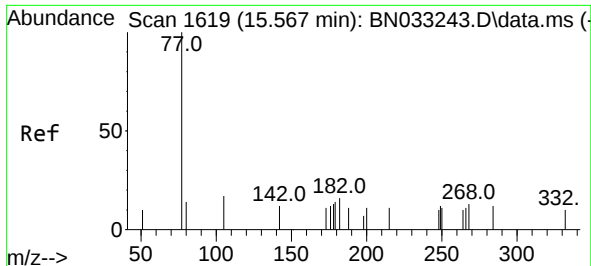
Tgt Ion:172 Resp: 2302
Ion Ratio Lower Upper
172 100
171 40.5 32.3 48.5
170 29.7 23.4 35.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.908 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BN033281.D
Acq: 06 Aug 2024 19:50

Tgt Ion:188 Resp: 5456
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 10.2 15.4

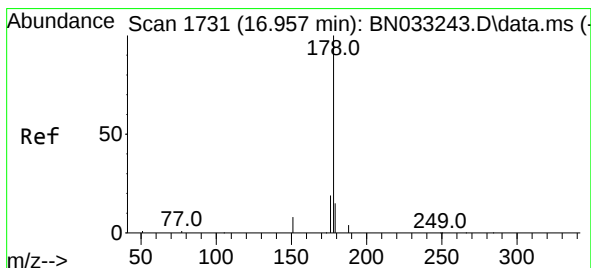
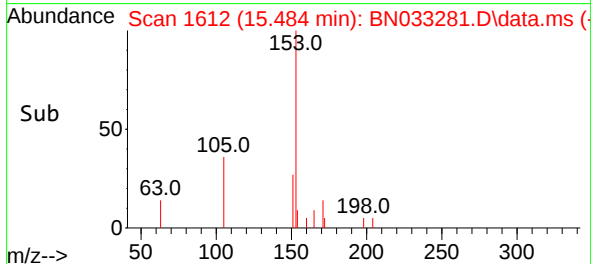
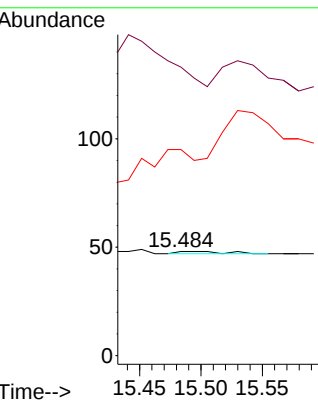
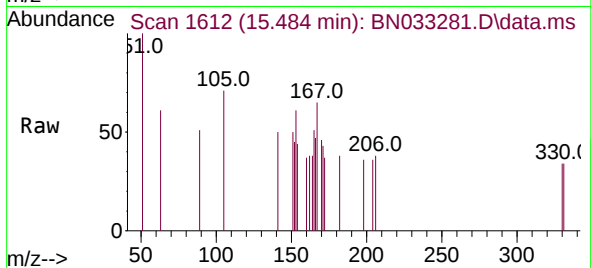




#20
4,6-Dinitro-2-methylphenol
Concen: 0.251 ng
RT: 15.484 min Scan# 1
Delta R.T. -0.083 min
Lab File: BN033281.D
Acq: 06 Aug 2024 19:50

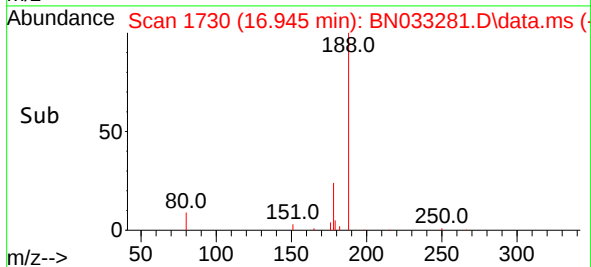
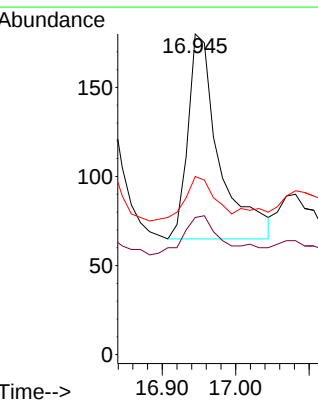
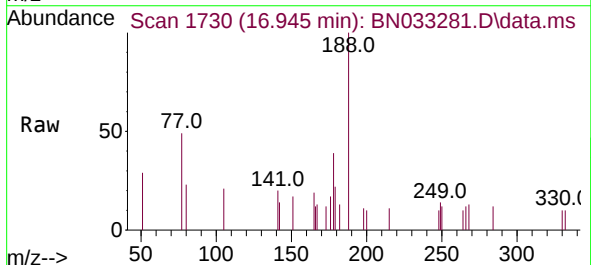
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MLS-15-625-640

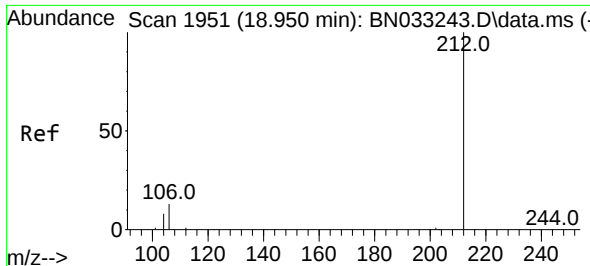
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 277.1 250.6 375.8
105 197.9 152.6 229.0



#25
Phenanthrene
Concen: 0.023 ng
RT: 16.945 min Scan# 1730
Delta R.T. -0.012 min
Lab File: BN033281.D
Acq: 06 Aug 2024 19:50

Tgt Ion:178 Resp: 340
Ion Ratio Lower Upper
178 100
176 23.5 15.7 23.5#
179 20.9 12.4 18.6#

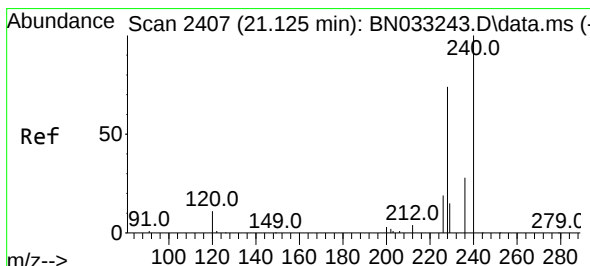
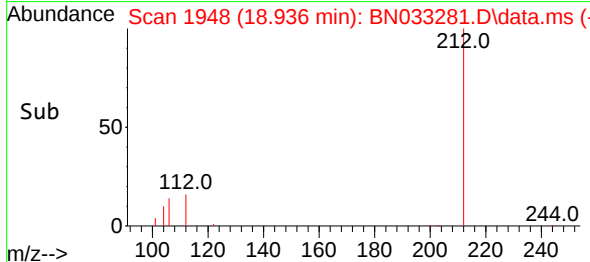
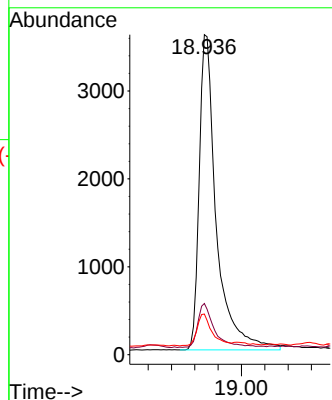
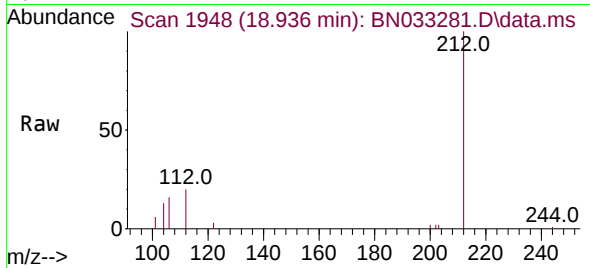




#27
Fluoranthene-d10
Concen: 0.482 ng
RT: 18.936 min Scan# 1948
Delta R.T. -0.014 min
Lab File: BN033281.D
Acq: 06 Aug 2024 19:50

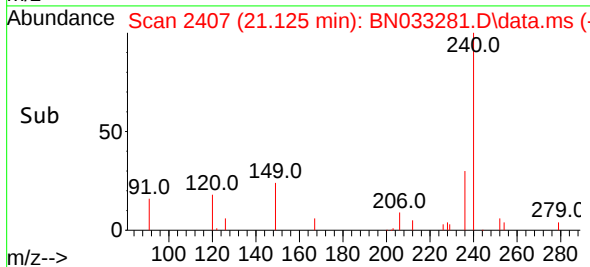
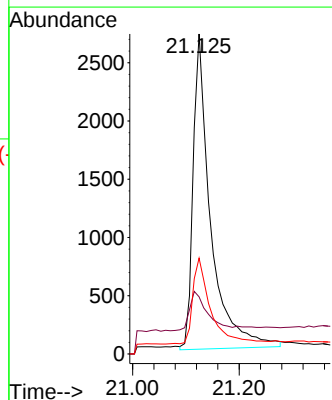
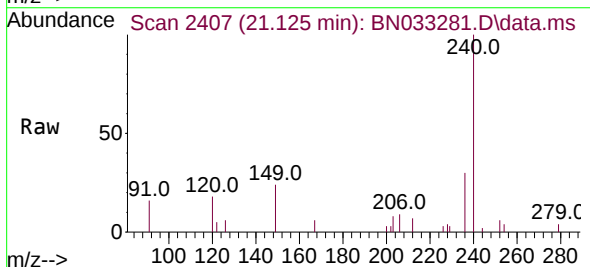
Instrument :
BNA_N
ClientSampleId :
MLS-15-625-640

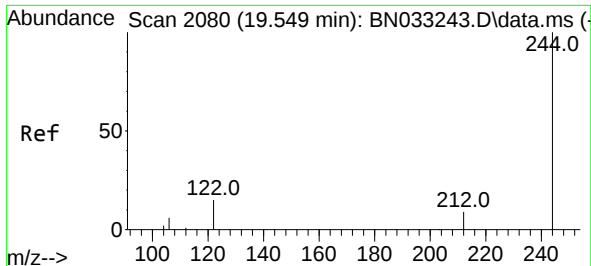
Tgt Ion:212 Resp: 7353
Ion Ratio Lower Upper
212 100
106 13.6 11.4 17.0
104 8.8 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.125 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BN033281.D
Acq: 06 Aug 2024 19:50

Tgt Ion:240 Resp: 6187
Ion Ratio Lower Upper
240 100
120 17.9 13.3 19.9
236 30.0 23.8 35.6

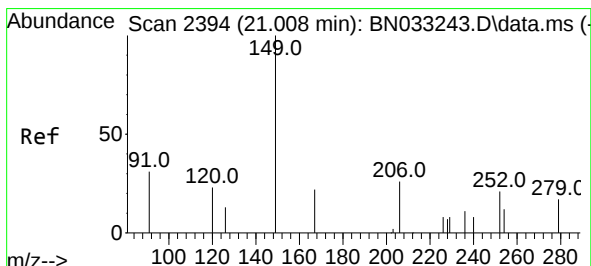
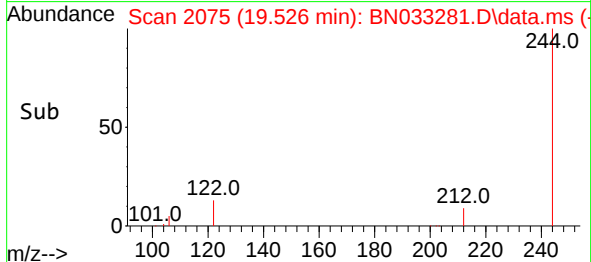
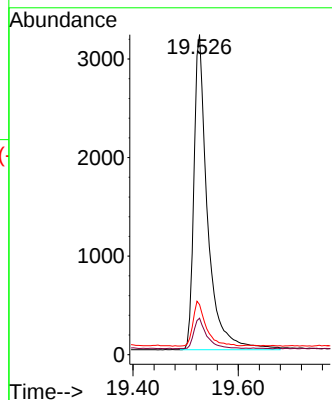
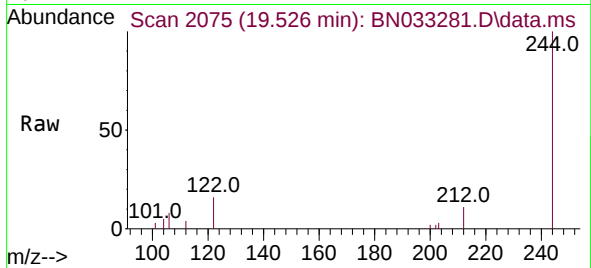




#31
 Terphenyl-d14
 Concen: 0.538 ng
 RT: 19.526 min Scan# 2080
 Delta R.T. -0.023 min
 Lab File: BN033281.D
 Acq: 06 Aug 2024 19:50

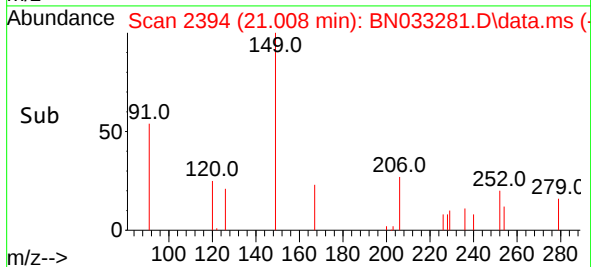
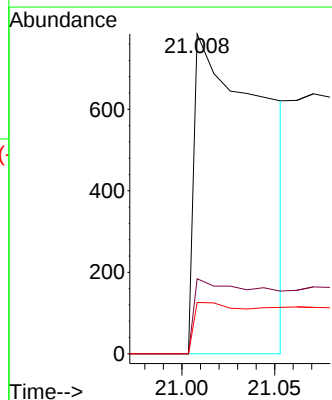
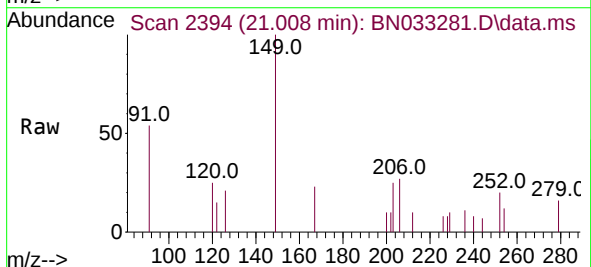
Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-625-640

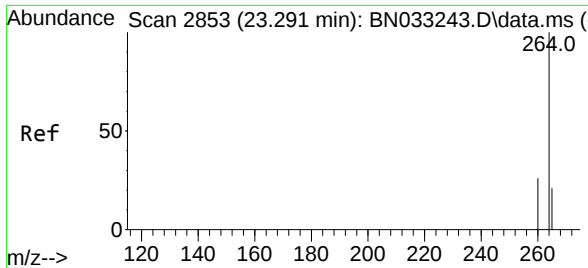
Tgt Ion:244 Resp: 5752
 Ion Ratio Lower Upper
 244 100
 212 11.4 9.9 14.9
 122 15.7 14.1 21.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.434 ng
 RT: 21.008 min Scan# 2394
 Delta R.T. 0.000 min
 Lab File: BN033281.D
 Acq: 06 Aug 2024 19:50

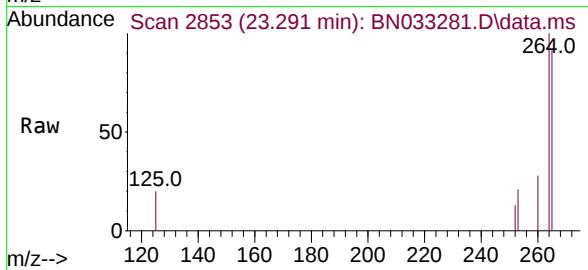
Tgt Ion:149 Resp: 1857
 Ion Ratio Lower Upper
 149 100
 167 24.7 19.8 29.6
 279 11.0 8.2 12.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.291 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN033281.D
 Acq: 06 Aug 2024 19:50

Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-625-640



Tgt Ion:	264	Resp:	7180
Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.4	32.2
265	92.5	66.6	99.8

