

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080624\
 Data File : BN033275.D
 Acq On : 06 Aug 2024 16:09
 Operator : MA/JU
 Sample : P3458-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-224-239

Quant Time: Aug 06 17:15:23 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)

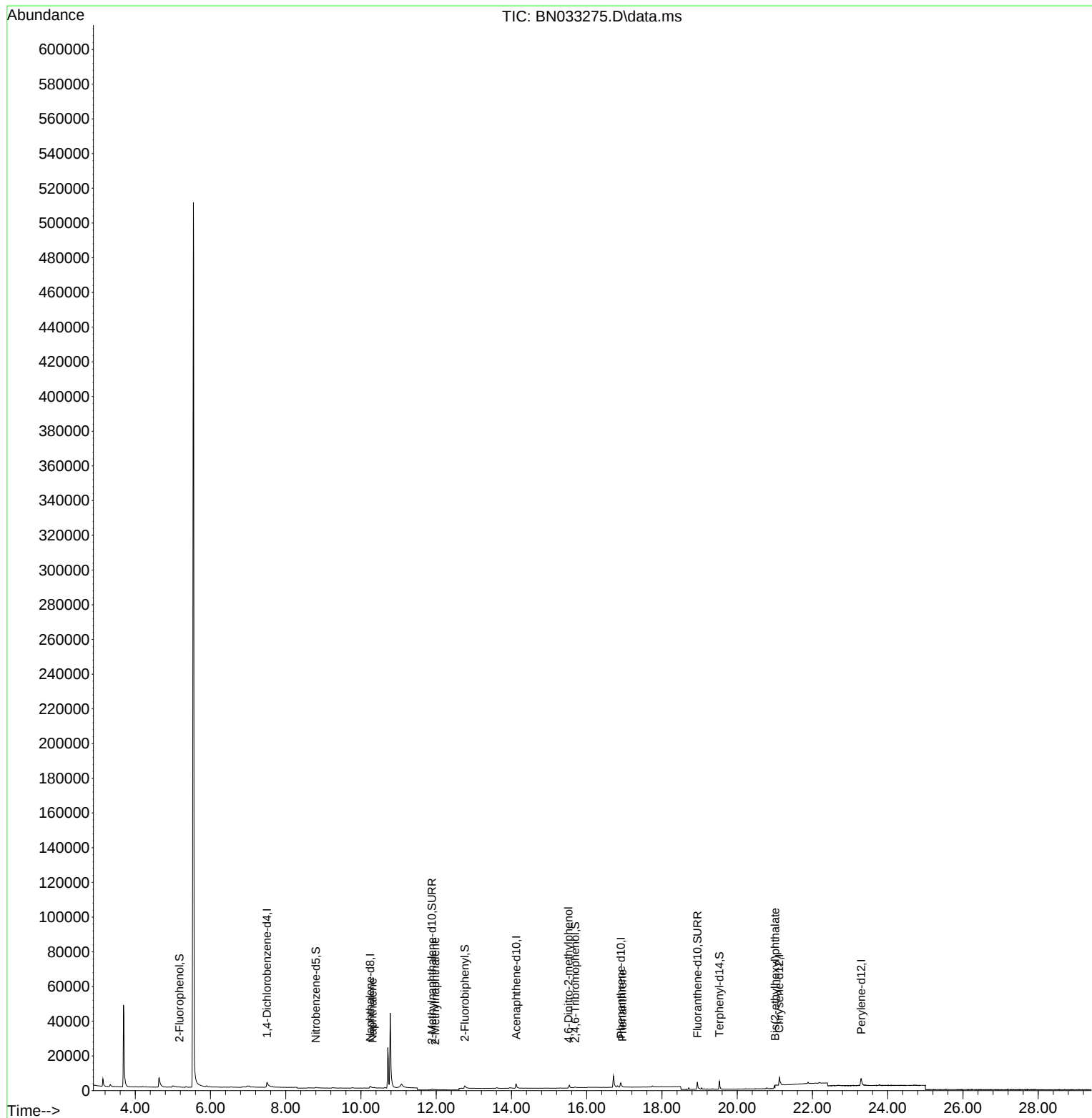
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.503	152	969	0.400	ng	0.00
7) Naphthalene-d8	10.244	136	3343	0.400	ng	-0.07
13) Acenaphthene-d10	14.126	164	2071	0.400	ng	0.00
19) Phenanthrene-d10	16.908	188	5787	0.400	ng	-0.01
29) Chrysene-d12	21.116	240	6767	0.400	ng	0.00
35) Perylene-d12	23.291	264	7752	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	210	0.087	ng	-0.12
5) Phenol-d6	0.000	99	0	0.000	ng	
8) Nitrobenzene-d5	8.803	82	867	0.323	ng	-0.12
11) 2-Methylnaphthalene-d10	11.886	152	1611	0.325	ng	-0.04
14) 2,4,6-Tribromophenol	15.691	330	364	0.472	ng	-0.02
15) 2-Fluorobiphenyl	12.757	172	2588	0.365	ng	-0.04
27) Fluoranthene-d10	18.941	212	5803	0.358	ng	0.00
31) Terphenyl-d14	19.526	244	6116	0.523	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.047	88	59	Below Cal	#	57
9) Naphthalene	10.308	128	234	0.026	ng	# 25
12) 2-Methylnaphthalene	11.976	142	176	0.033	ng	# 71
20) 4,6-Dinitro-2-methylph...	15.517	198	1	0.249	ng	# 82
25) Phenanthrene	16.945	178	381	0.024	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.008	149	725	0.155	ng	# 63

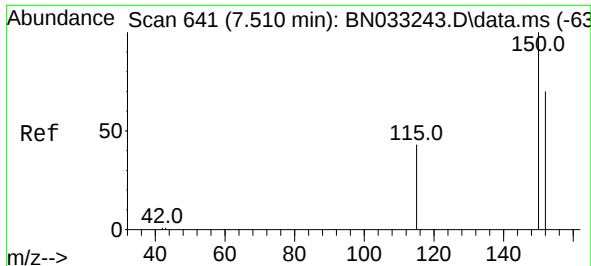
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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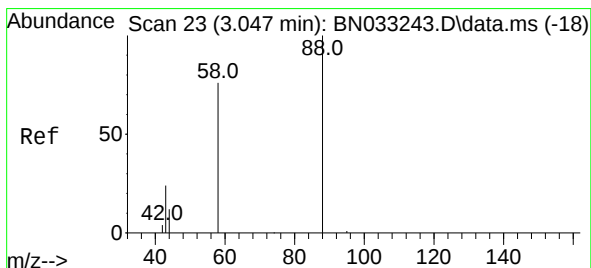
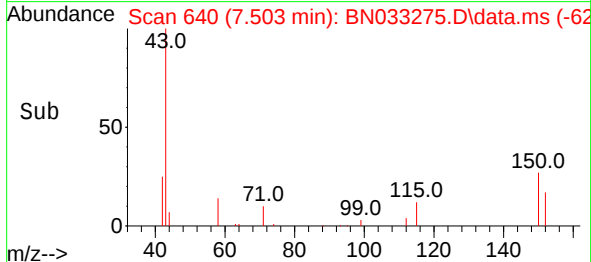
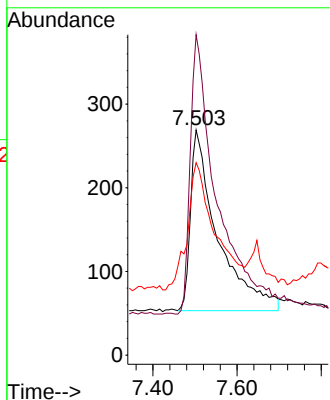
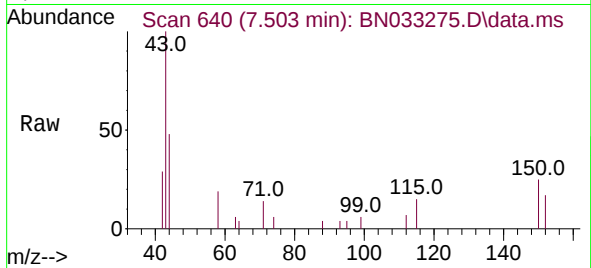




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.503 min Scan# 641
Delta R.T. -0.007 min
Lab File: BN033275.D
Acq: 06 Aug 2024 16:09

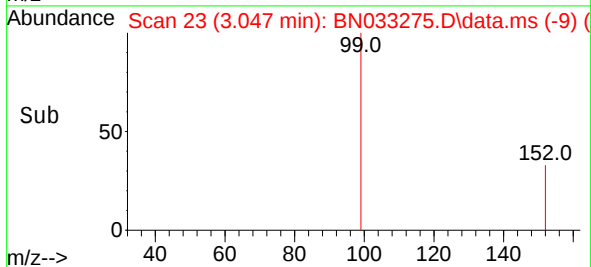
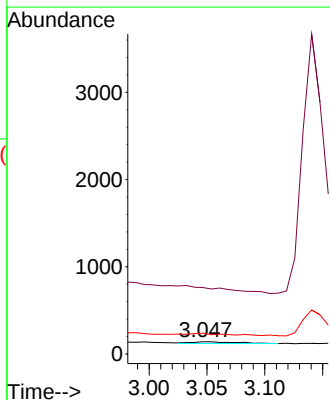
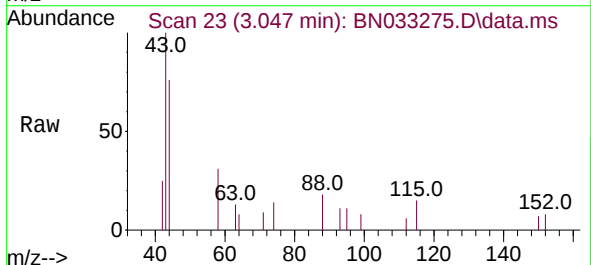
Instrument :
BNA_N
ClientSampleId :
MLS-15-224-239

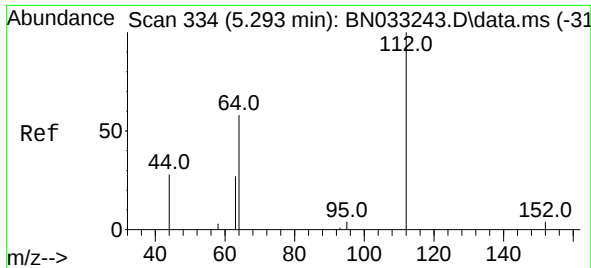
Tgt Ion:152 Resp: 969
Ion Ratio Lower Upper
152 100
150 142.4 108.2 162.2
115 85.5 70.5 105.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.047 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN033275.D
Acq: 06 Aug 2024 16:09

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 18.6 28.0#
58 101.7 54.5 81.7#

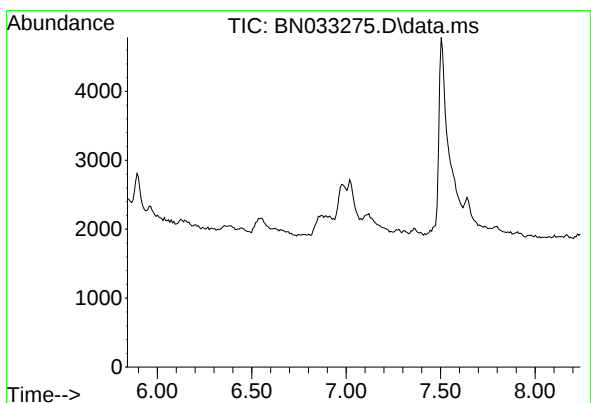
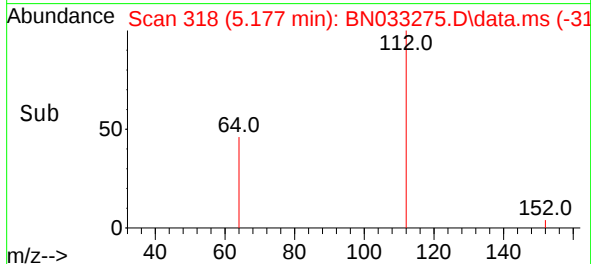
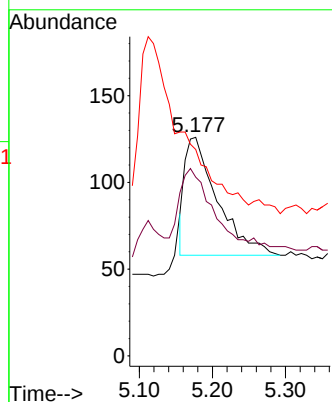
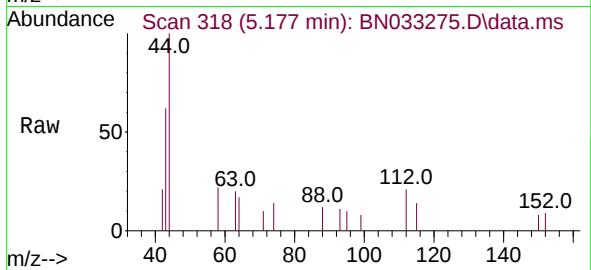




#4
2-Fluorophenol
Concen: 0.087 ng
RT: 5.177 min Scan# 31
Delta R.T. -0.116 min
Lab File: BN033275.D
Acq: 06 Aug 2024 16:09

Instrument :
BNA_N
ClientSampleId :
MLS-15-224-239

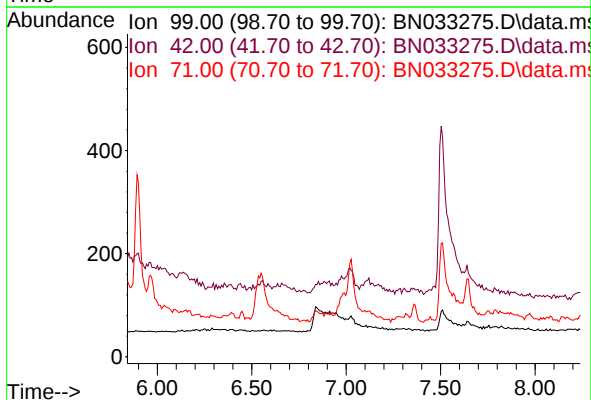
Tgt Ion:112 Resp: 210
Ion Ratio Lower Upper
112 100
64 65.7 18.0 27.0#
63 0.0 0.0 0.0

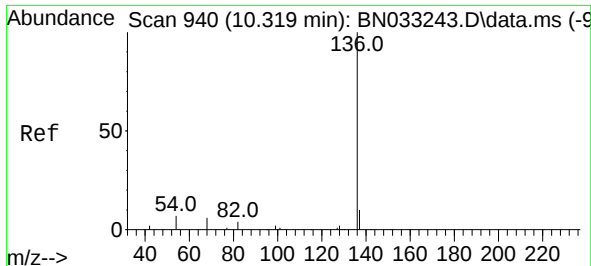


#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.99 min

Lab File: BN033275.D
Acq: 06 Aug 2024 16:09

Tgt Ion: 99
Sig Exp Ratio
99 100
42 0.0
71 0.0

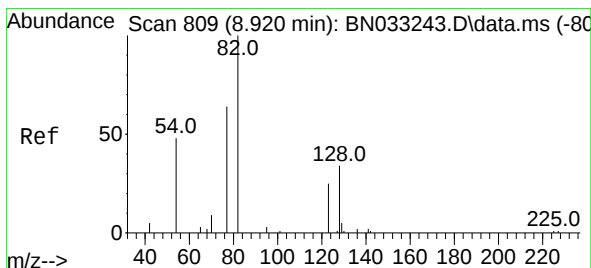
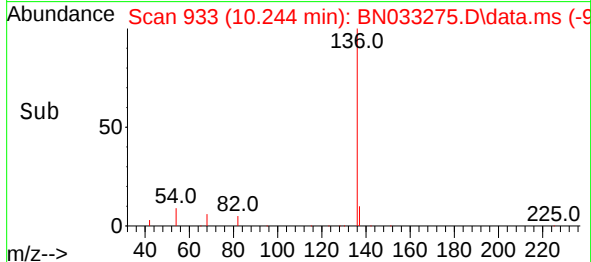
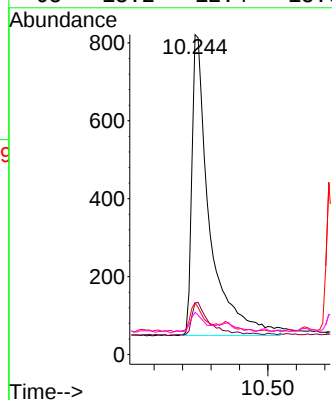
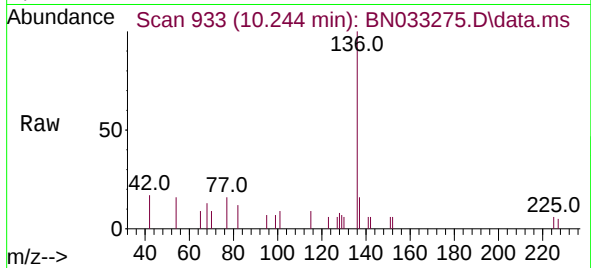




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.244 min Scan# 91
Delta R.T. -0.075 min
Lab File: BN033275.D
Acq: 06 Aug 2024 16:09

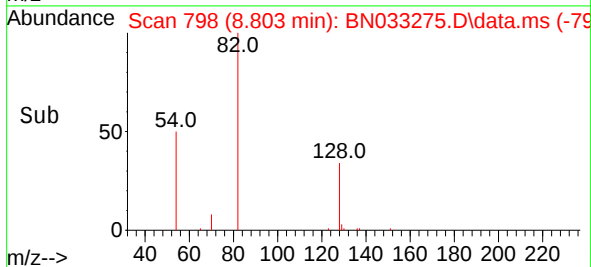
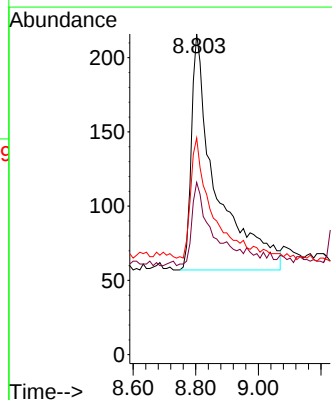
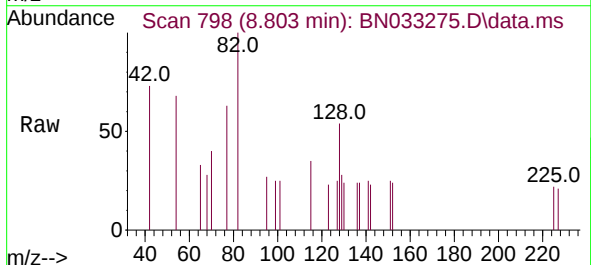
Instrument :
BNA_N
ClientSampleId :
MLS-15-224-239

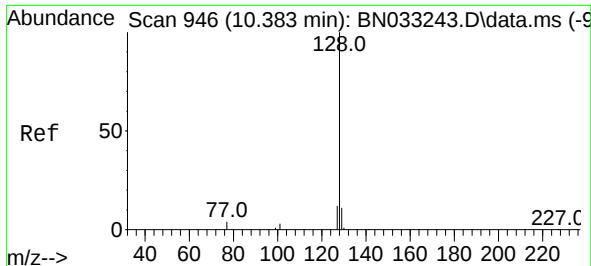
Tgt Ion:136	Resp:	3343
Ion	Ratio	Lower Upper
136	100	
137	16.1	14.1 21.1
54	16.2	13.8 20.8
68	13.2	12.4 18.6



#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 8.803 min Scan# 798
Delta R.T. -0.117 min
Lab File: BN033275.D
Acq: 06 Aug 2024 16:09

Tgt Ion: 82	Resp:	867
Ion	Ratio	Lower Upper
82	100	
128	53.7	54.8 82.2#
54	67.6	55.9 83.9

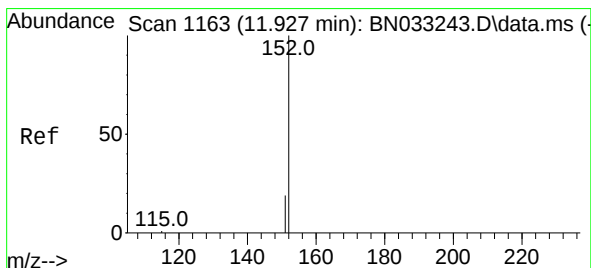
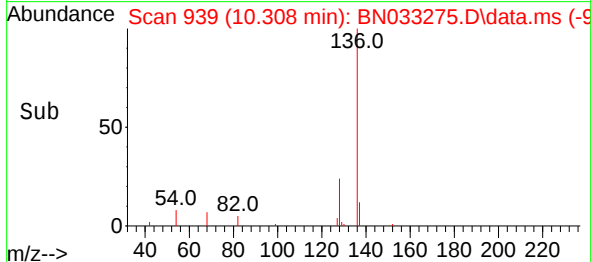
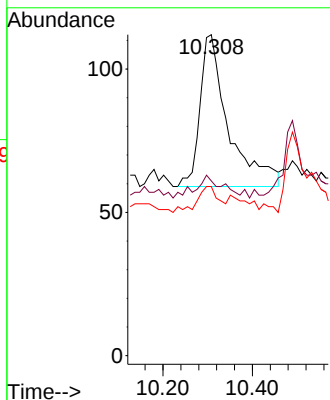
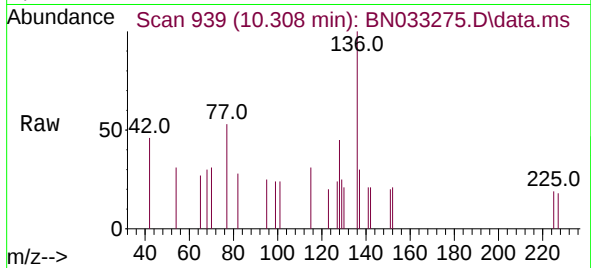




#9
Naphthalene
Concen: 0.026 ng
RT: 10.308 min Scan# 946
Delta R.T. -0.075 min
Lab File: BN033275.D
Acq: 06 Aug 2024 16:09

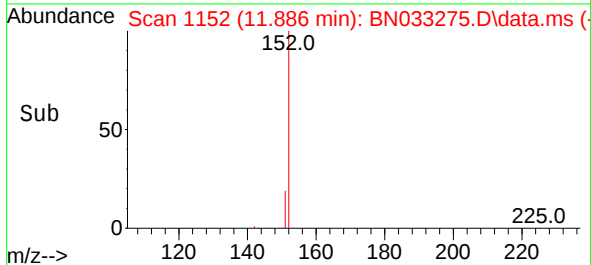
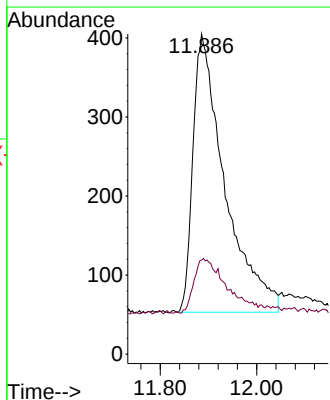
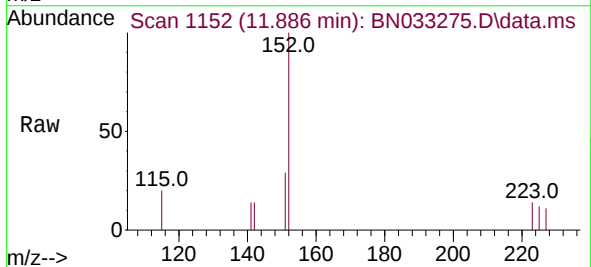
Instrument :
BNA_N
ClientSampleId :
MLS-15-224-239

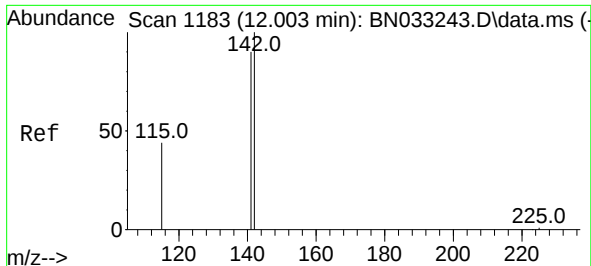
Tgt Ion:128 Resp: 234
Ion Ratio Lower Upper
128 100
129 54.5 15.4 23.0#
127 52.7 15.8 23.6#



#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 11.886 min Scan# 1152
Delta R.T. -0.041 min
Lab File: BN033275.D
Acq: 06 Aug 2024 16:09

Tgt Ion:152 Resp: 1611
Ion Ratio Lower Upper
152 100
151 19.9 11.9 17.9#





#12

2-Methylnaphthalene

Concen: 0.033 ng

RT: 11.976 min Scan# 1183

Delta R.T. -0.027 min

Lab File: BN033275.D

Acq: 06 Aug 2024 16:09

Instrument :

BNA_N

ClientSampleId :

MLS-15-224-239

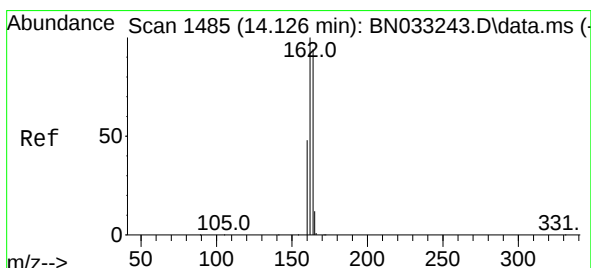
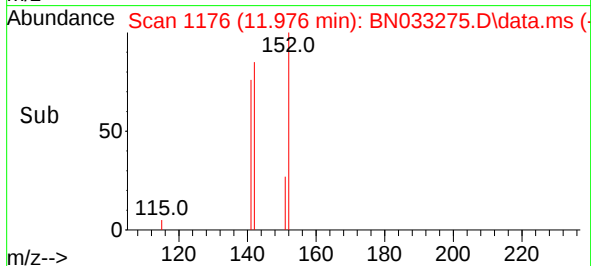
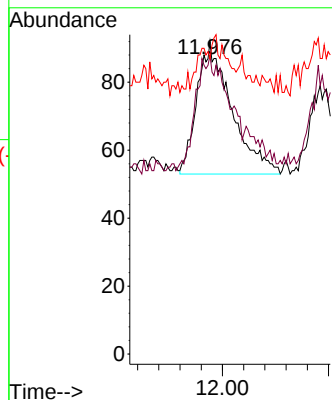
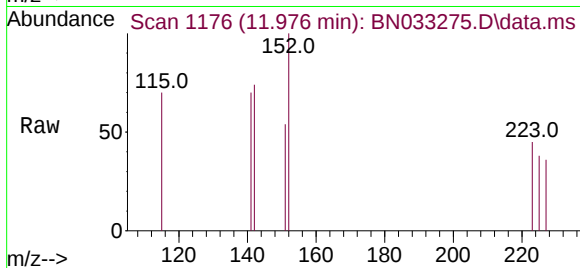
Tgt Ion:142 Resp: 176

Ion Ratio Lower Upper

142 100

141 95.7 68.7 103.1

115 94.6 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: BN033275.D

Acq: 06 Aug 2024 16:09

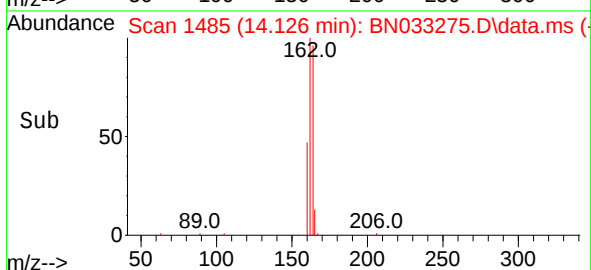
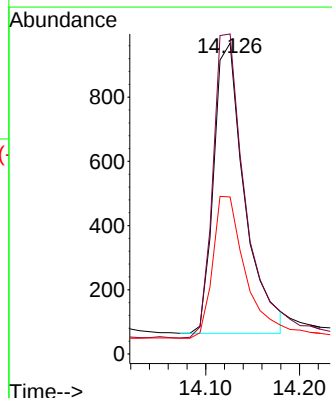
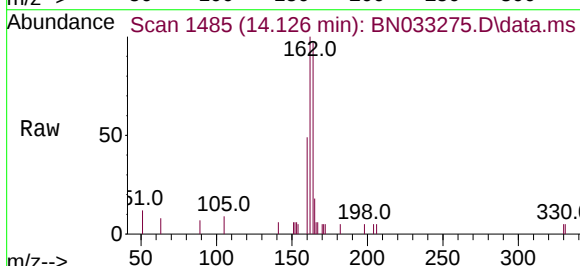
Tgt Ion:164 Resp: 2071

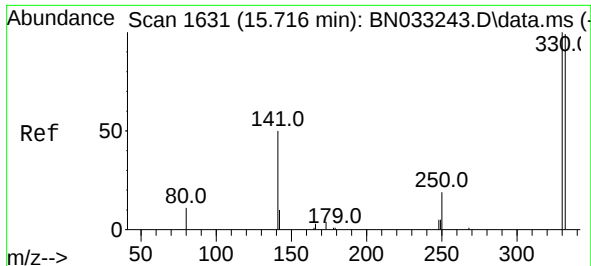
Ion Ratio Lower Upper

164 100

162 103.0 84.6 127.0

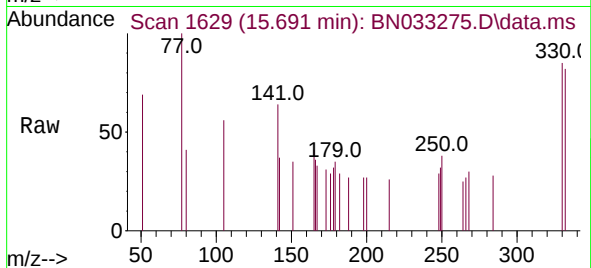
160 50.5 42.4 63.6



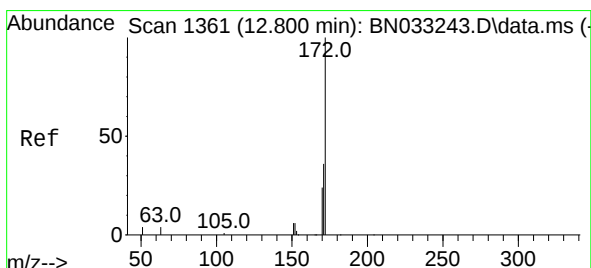
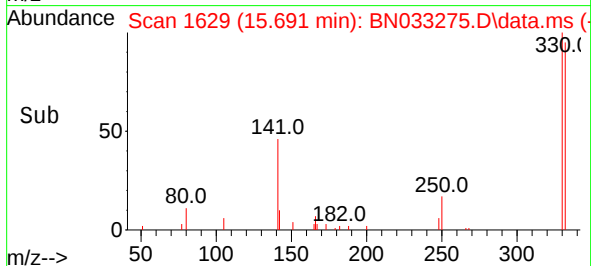
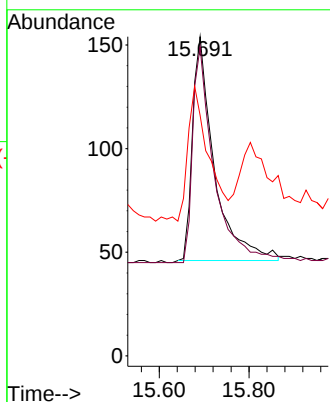


#14
2,4,6-Tribromophenol
Concen: 0.472 ng
RT: 15.691 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN033275.D
Acq: 06 Aug 2024 16:09

Instrument :
BNA_N
ClientSampleId :
MLS-15-224-239

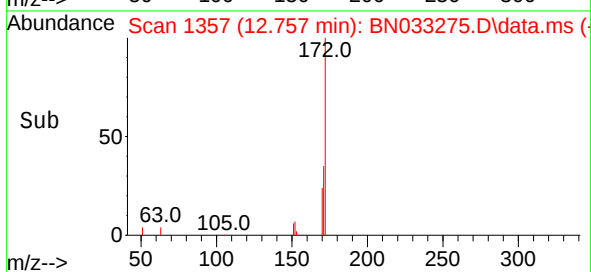
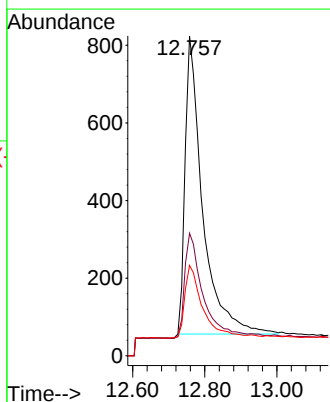
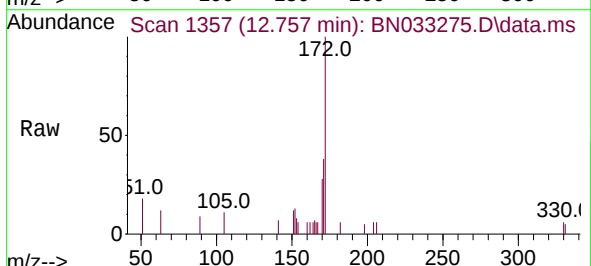


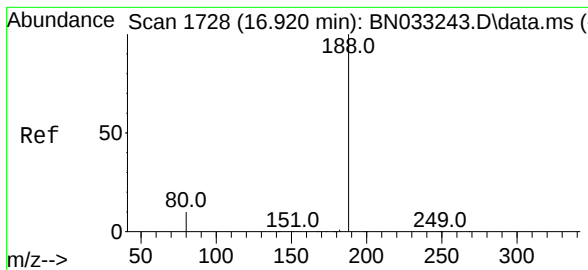
Tgt Ion:330 Resp: 364
Ion Ratio Lower Upper
330 100
332 94.5 73.7 110.5
141 57.1 44.8 67.2



#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.757 min Scan# 1357
Delta R.T. -0.043 min
Lab File: BN033275.D
Acq: 06 Aug 2024 16:09

Tgt Ion:172 Resp: 2588
Ion Ratio Lower Upper
172 100
171 38.3 32.3 48.5
170 28.3 23.4 35.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.908 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN033275.D

Acq: 06 Aug 2024 16:09

Instrument :

BNA_N

ClientSampleId :

MLS-15-224-239

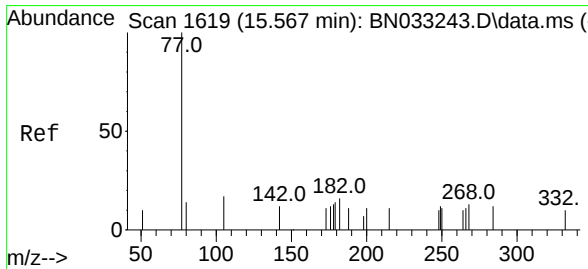
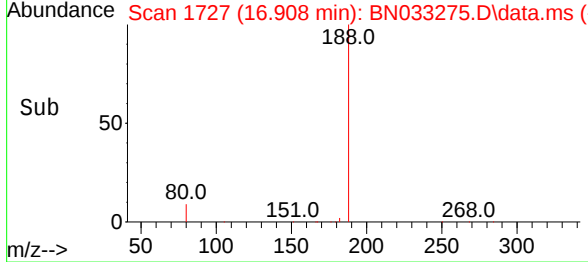
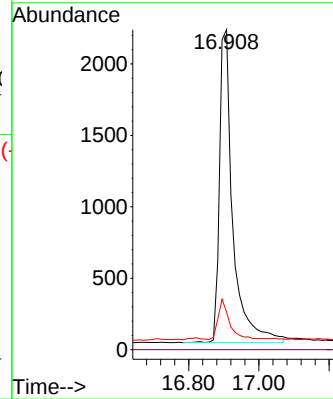
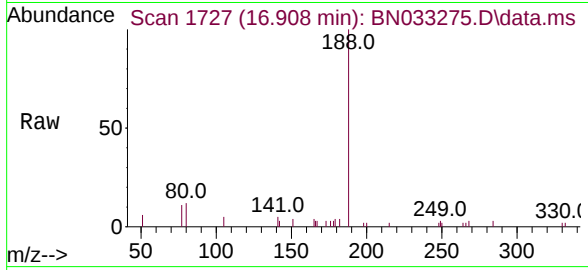
Tgt Ion:188 Resp: 5787

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 10.2 15.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.249 ng

RT: 15.517 min Scan# 1615

Delta R.T. -0.050 min

Lab File: BN033275.D

Acq: 06 Aug 2024 16:09

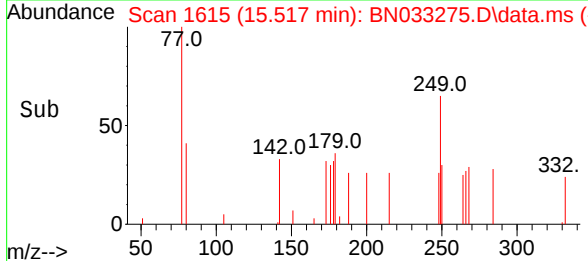
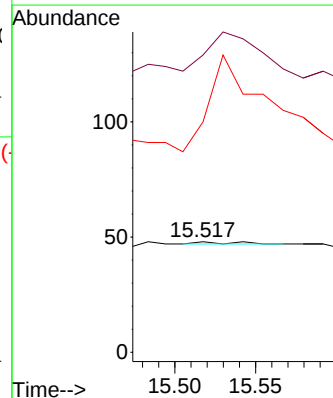
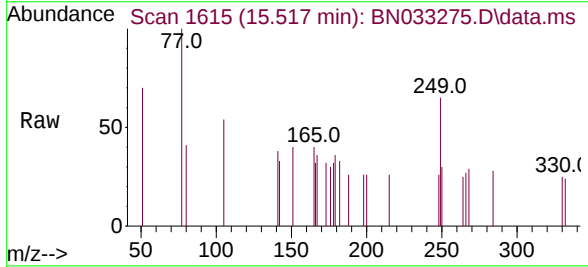
Tgt Ion:198 Resp: 1

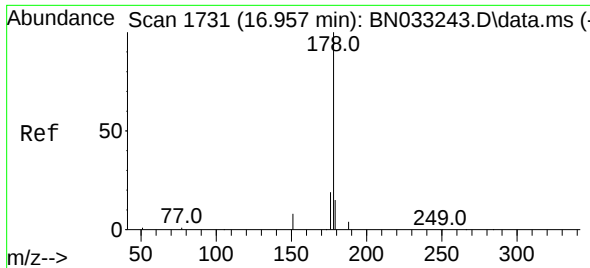
Ion Ratio Lower Upper

198 100

51 268.8 250.6 375.8

105 208.3 152.6 229.0

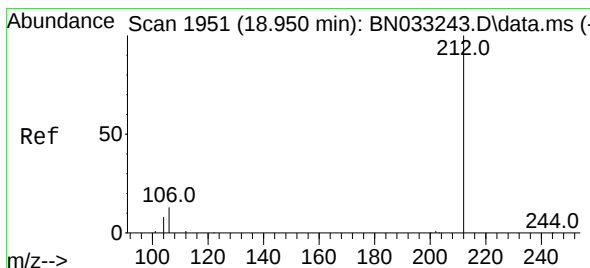
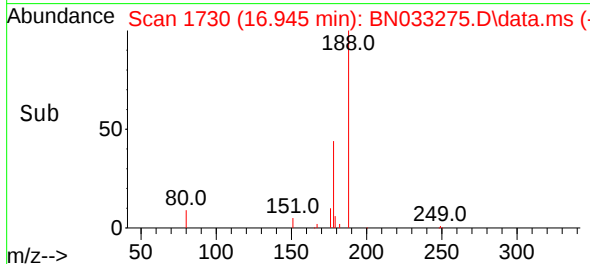
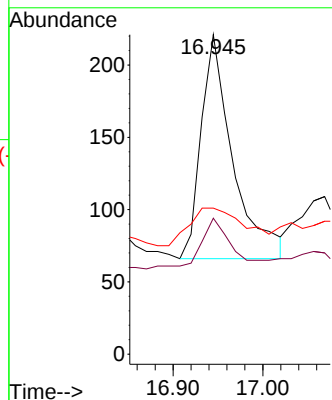
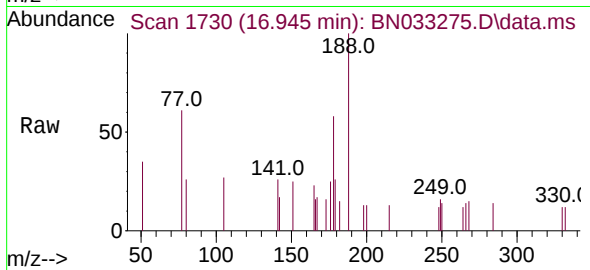




#25
Phenanthrene
Concen: 0.024 ng
RT: 16.945 min Scan# 1730
Delta R.T. -0.012 min
Lab File: BN033275.D
Acq: 06 Aug 2024 16:09

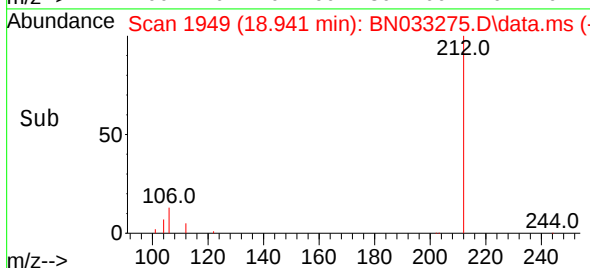
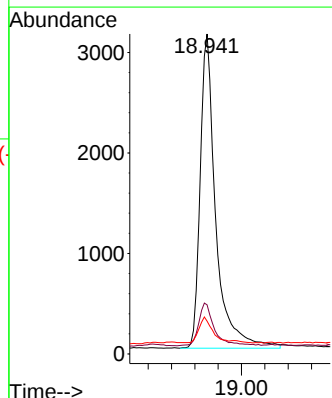
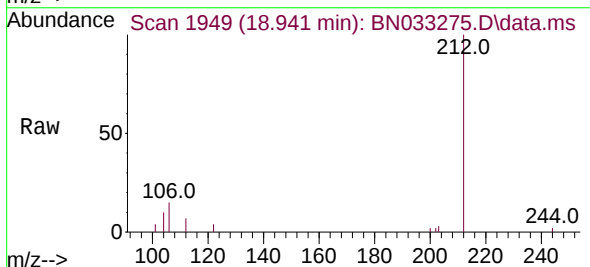
Instrument :
BNA_N
ClientSampleId :
MLS-15-224-239

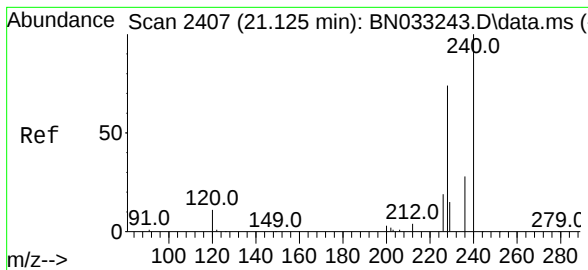
Tgt Ion:178 Resp: 381
Ion Ratio Lower Upper
178 100
176 21.8 15.7 23.5
179 29.4 12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 18.941 min Scan# 1949
Delta R.T. -0.009 min
Lab File: BN033275.D
Acq: 06 Aug 2024 16:09

Tgt Ion:212 Resp: 5803
Ion Ratio Lower Upper
212 100
106 13.9 11.4 17.0
104 6.9 7.1 10.7#

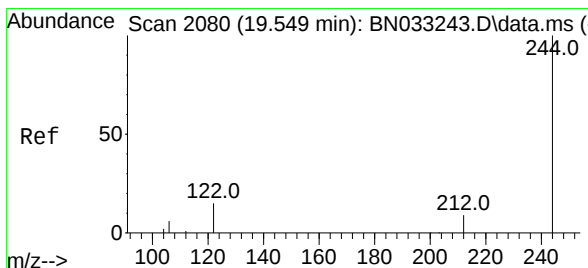
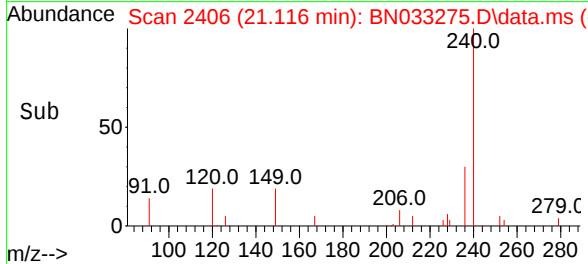
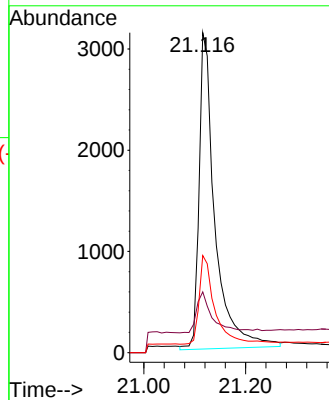
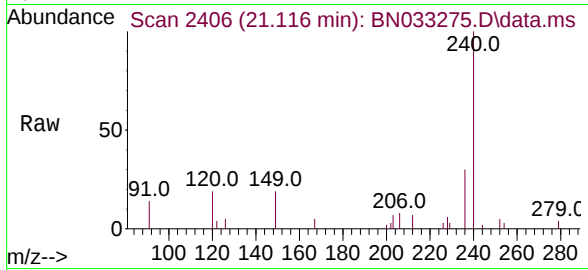




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.116 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN033275.D
Acq: 06 Aug 2024 16:09

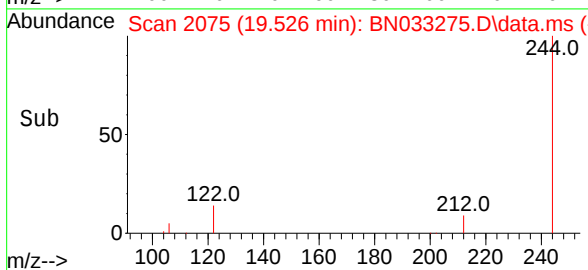
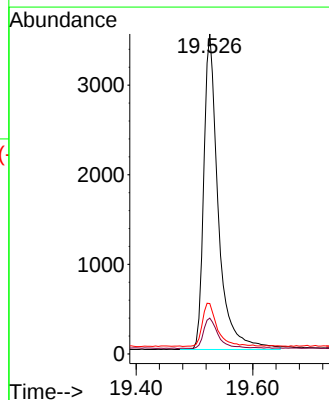
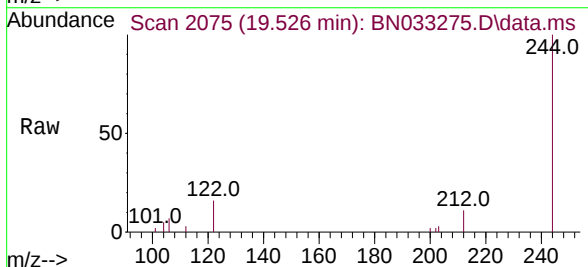
Instrument :
BNA_N
ClientSampleId :
MLS-15-224-239

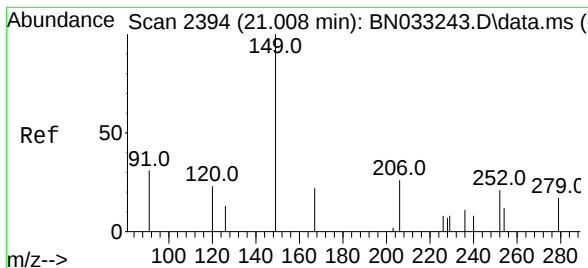
Tgt Ion:240 Resp: 6767
Ion Ratio Lower Upper
240 100
120 19.0 13.3 19.9
236 30.3 23.8 35.6



#31
Terphenyl-d14
Concen: 0.523 ng
RT: 19.526 min Scan# 2075
Delta R.T. -0.023 min
Lab File: BN033275.D
Acq: 06 Aug 2024 16:09

Tgt Ion:244 Resp: 6116
Ion Ratio Lower Upper
244 100
212 11.2 9.9 14.9
122 15.8 14.1 21.1

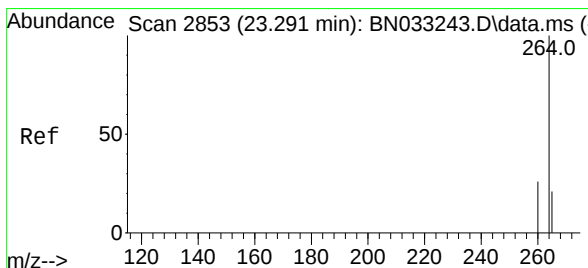
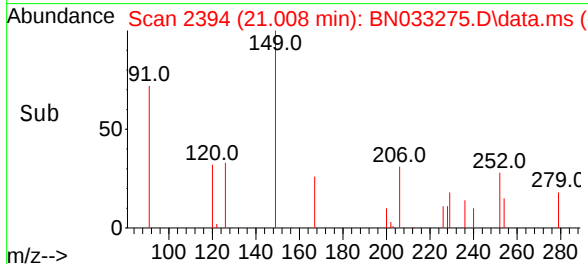
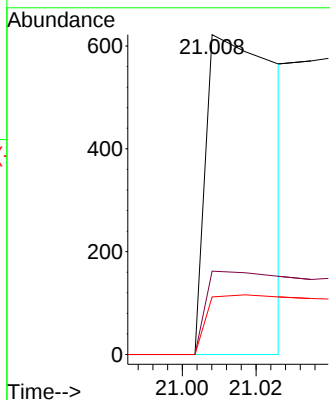
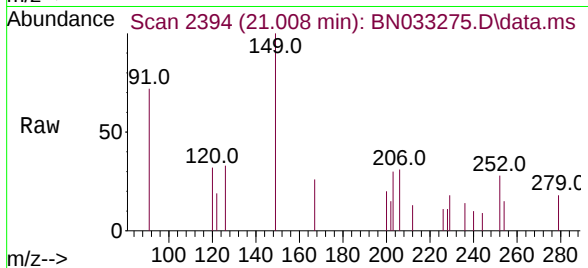




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.155 ng
 RT: 21.008 min Scan# 2394
 Delta R.T. -0.000 min
 Lab File: BN033275.D
 Acq: 06 Aug 2024 16:09

Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-224-239

Tgt Ion:149 Resp: 725
 Ion Ratio Lower Upper
 149 100
 167 37.1 19.8 29.6#
 279 34.6 8.2 12.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.291 min Scan# 2853
 Delta R.T. -0.000 min
 Lab File: BN033275.D
 Acq: 06 Aug 2024 16:09

Tgt Ion:264 Resp: 7752
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.4 32.2
 265 79.1 66.6 99.8

