

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
 Data File : BN033266.D
 Acq On : 06 Aug 2024 10:34
 Operator : MA/JU
 Sample : P3458-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-257-272

Quant Time: Aug 06 11:02:38 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)

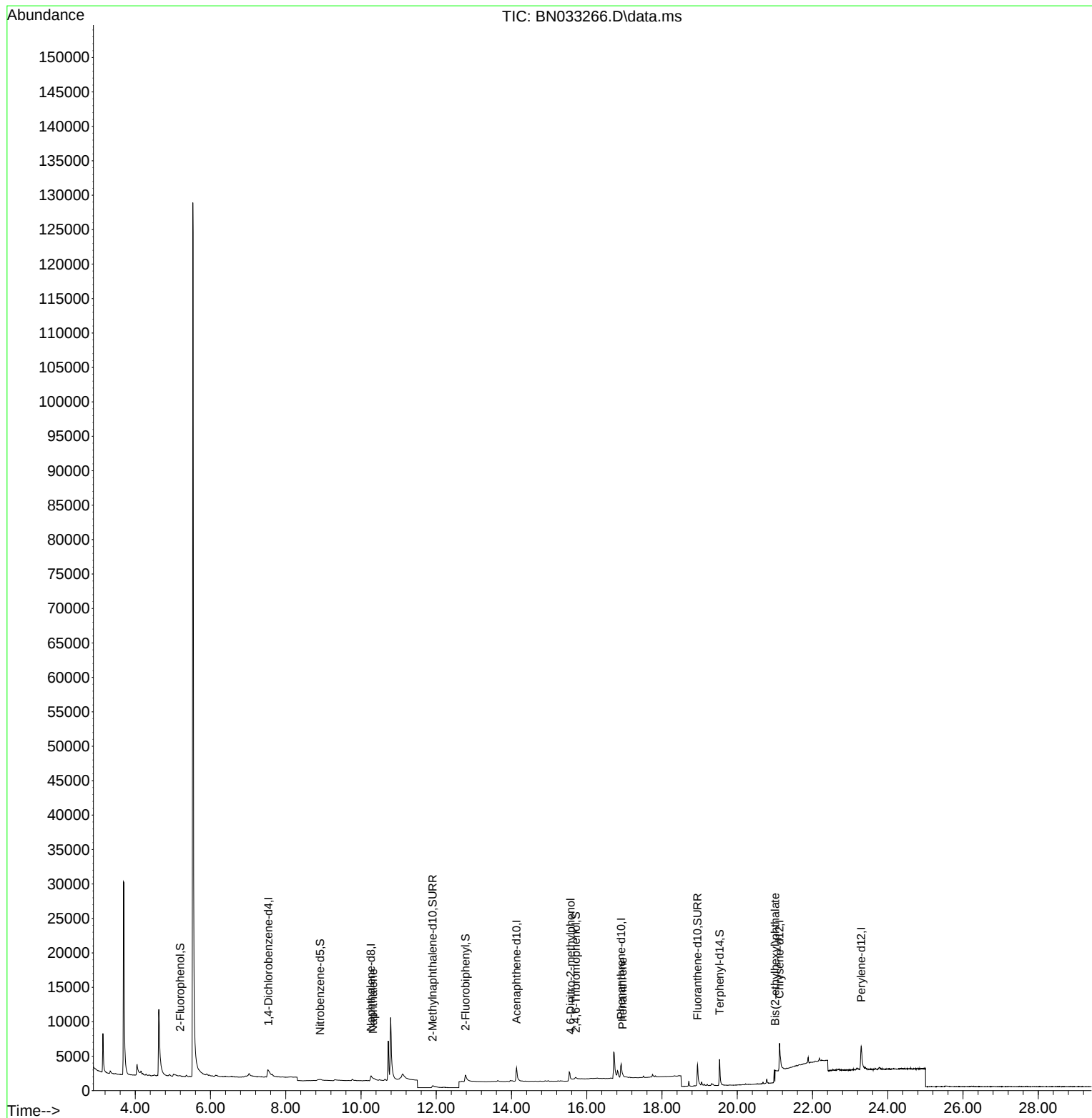
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	740	0.400	ng	0.03
7) Naphthalene-d8	10.266	136	2841	0.400	ng	-0.05
13) Acenaphthene-d10	14.133	164	1766	0.400	ng	0.00
19) Phenanthrene-d10	16.915	188	4684	0.400	ng	0.00
29) Chrysene-d12	21.122	240	5929	0.400	ng	0.00
35) Perylene-d12	23.292	264	6730	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	77	0.042	ng	-0.10
5) Phenol-d6	6.918	99	50	0.020	ng	-0.07
8) Nitrobenzene-d5	8.910	82	663	0.290	ng	-0.01
11) 2-Methylnaphthalene-d10	11.905	152	1126	0.267	ng	-0.02
14) 2,4,6-Tribromophenol	15.711	330	292	0.444	ng	0.00
15) 2-Fluorobiphenyl	12.775	172	2210	0.366	ng	-0.03
27) Fluoranthene-d10	18.943	212	4886	0.373	ng	0.00
31) Terphenyl-d14	19.529	244	5591	0.546	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.061	88	19	Below Cal	#	25
9) Naphthalene	10.319	128	177	0.023	ng	# 10
20) 4,6-Dinitro-2-methylph...	15.574	198	1	0.249	ng	79
25) Phenanthrene	16.952	178	282	0.022	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.006	149	1052	0.256	ng	# 77

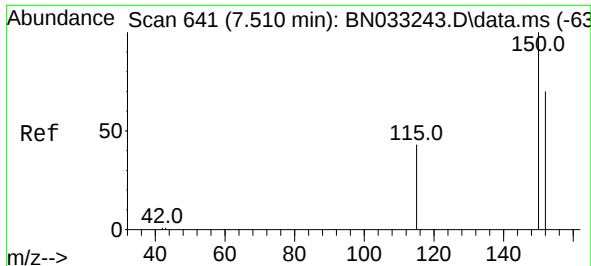
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
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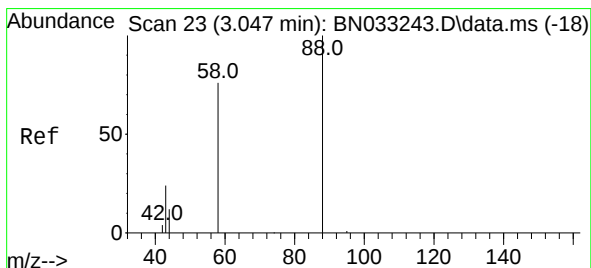
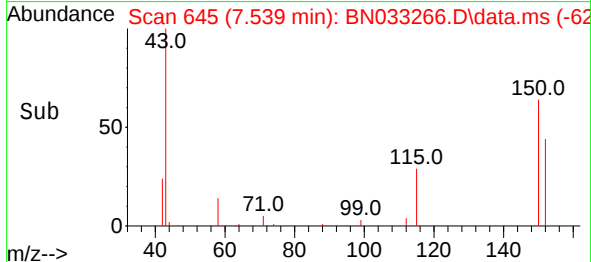
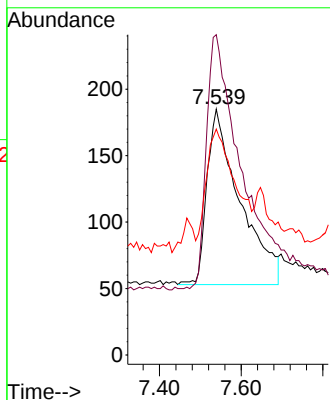
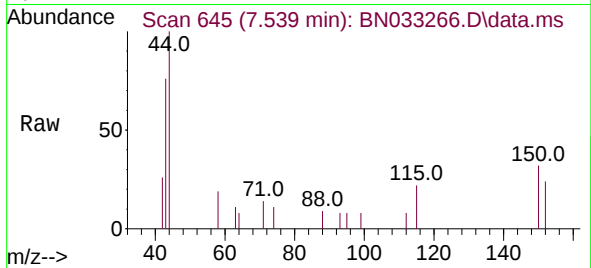




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.539 min Scan# 64
Delta R.T. 0.029 min
Lab File: BN033266.D
Acq: 06 Aug 2024 10:34

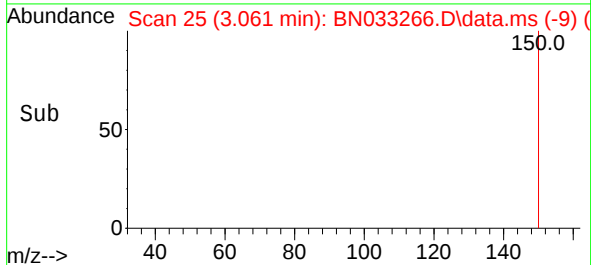
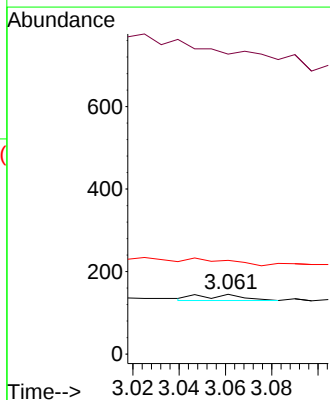
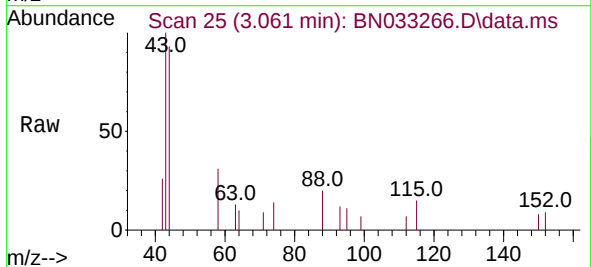
Instrument :
BNA_N
ClientSampleId :
MLS-15-257-272

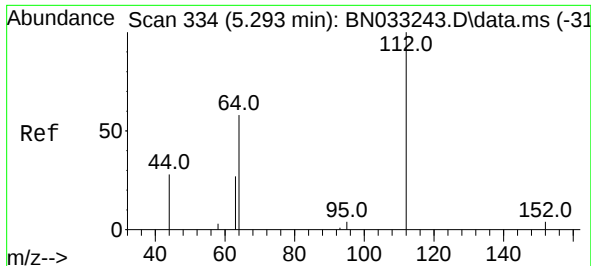
Tgt Ion:152 Resp: 740
Ion Ratio Lower Upper
152 100
150 130.3 108.2 162.2
115 91.9 70.5 105.7



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.061 min Scan# 25
Delta R.T. 0.014 min
Lab File: BN033266.D
Acq: 06 Aug 2024 10:34

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 18.6 28.0#
58 0.0 54.5 81.7#

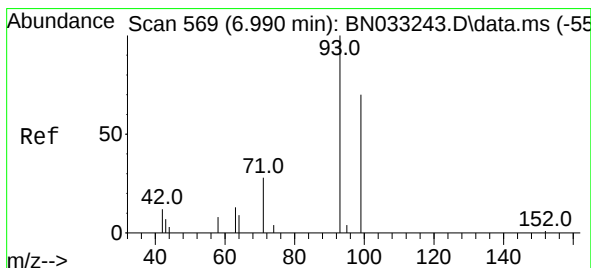
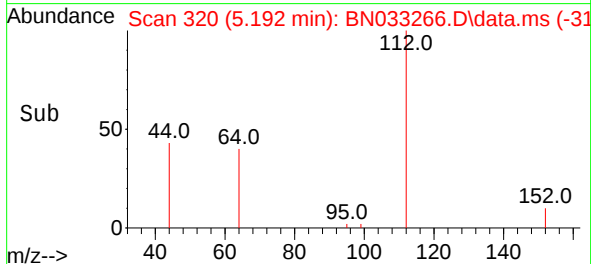
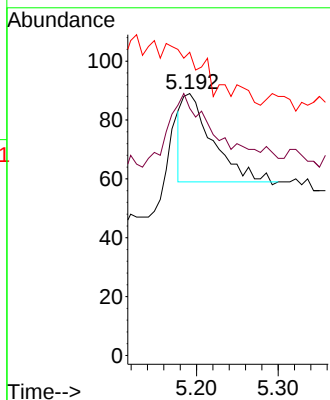
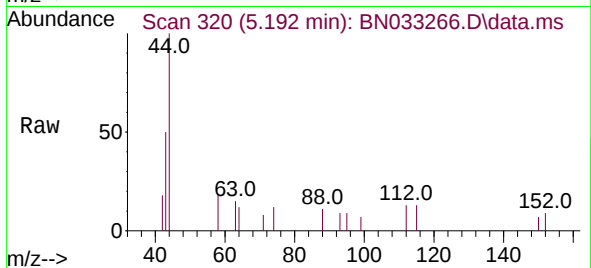




#4
2-Fluorophenol
Concen: 0.042 ng
RT: 5.192 min Scan# 31
Delta R.T. -0.101 min
Lab File: BN033266.D
Acq: 06 Aug 2024 10:34

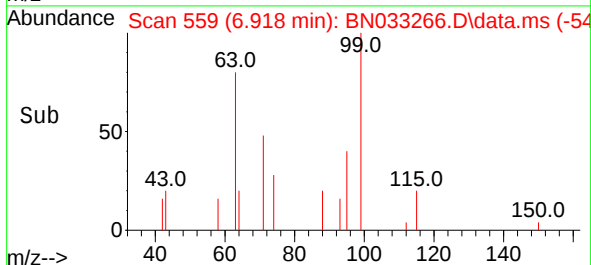
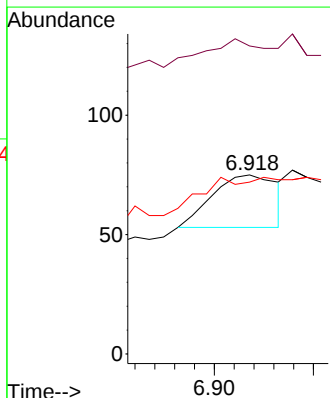
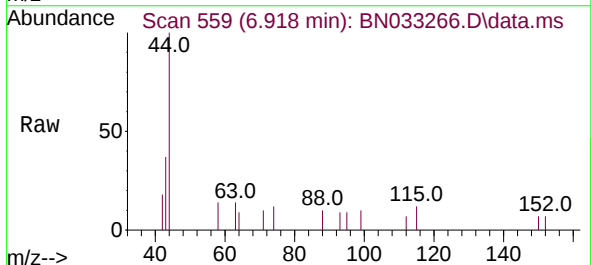
Instrument :
BNA_N
ClientSampleId :
MLS-15-257-272

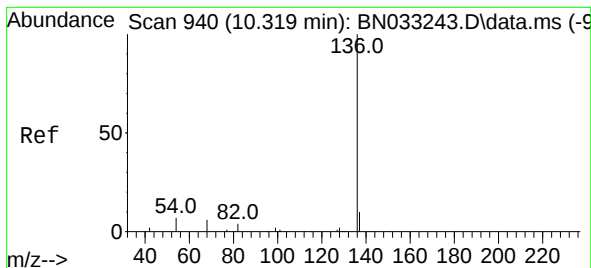
Tgt Ion:112 Resp: 77
Ion Ratio Lower Upper
112 100
64 0.0 18.0 27.0#
63 0.0 0.0 0.0



#5
Phenol-d6
Concen: 0.020 ng
RT: 6.918 min Scan# 559
Delta R.T. -0.072 min
Lab File: BN033266.D
Acq: 06 Aug 2024 10:34

Tgt Ion: 99 Resp: 50
Ion Ratio Lower Upper
99 100
42 22.0 0.0 0.0#
71 102.0 0.0 0.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.266 min Scan# 940

Delta R.T. -0.053 min

Lab File: BN033266.D

Acq: 06 Aug 2024 10:34

Instrument :

BNA_N

ClientSampleId :

MLS-15-257-272

Tgt Ion:136 Resp: 2841

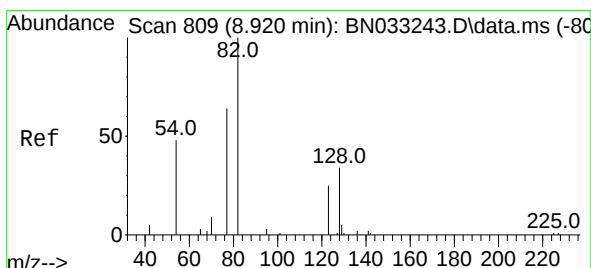
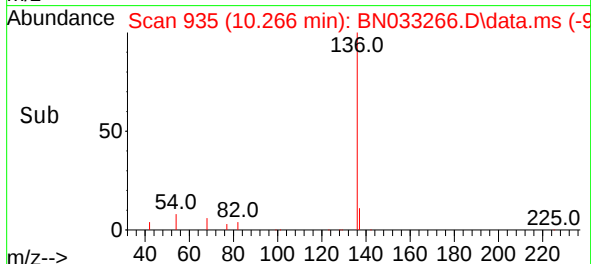
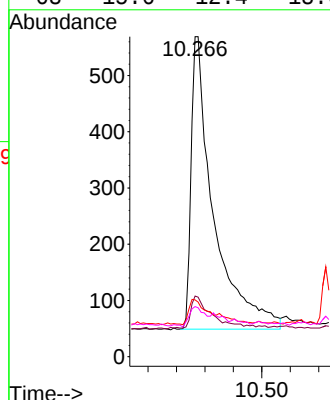
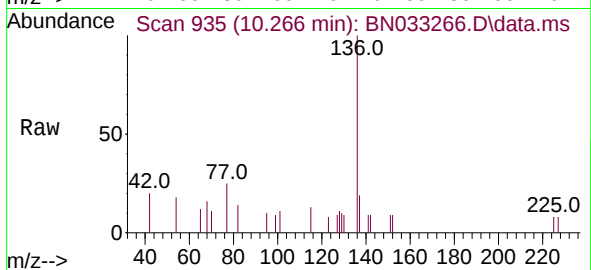
Ion Ratio Lower Upper

136 100

137 19.0 14.1 21.1

54 17.8 13.8 20.8

68 15.6 12.4 18.6



#8

Nitrobenzene-d5

Concen: 0.290 ng

RT: 8.910 min Scan# 808

Delta R.T. -0.010 min

Lab File: BN033266.D

Acq: 06 Aug 2024 10:34

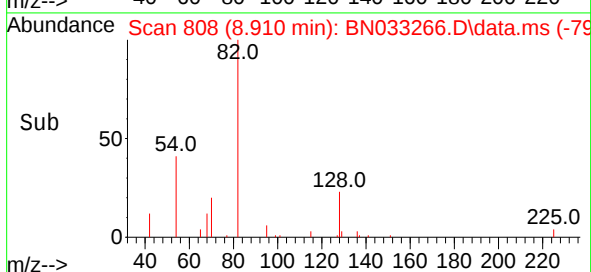
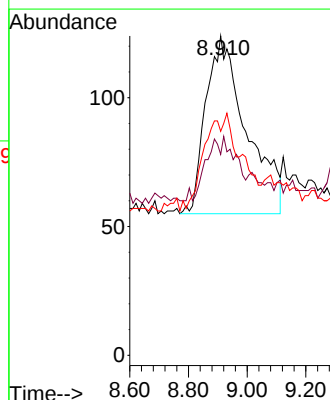
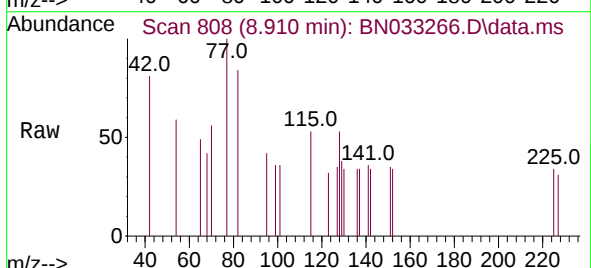
Tgt Ion: 82 Resp: 663

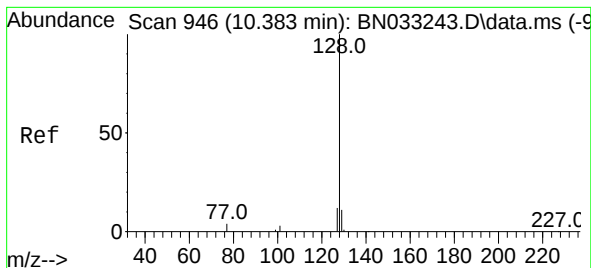
Ion Ratio Lower Upper

82 100

128 62.9 54.8 82.2

54 70.2 55.9 83.9





#9

Naphthalene

Concen: 0.023 ng

RT: 10.319 min Scan# 946

Delta R.T. -0.064 min

Lab File: BN033266.D

Acq: 06 Aug 2024 10:34

Instrument :

BNA_N

ClientSampleId :

MLS-15-257-272

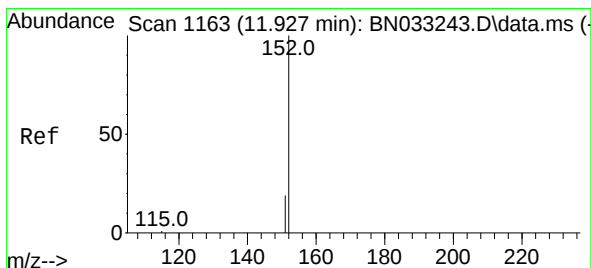
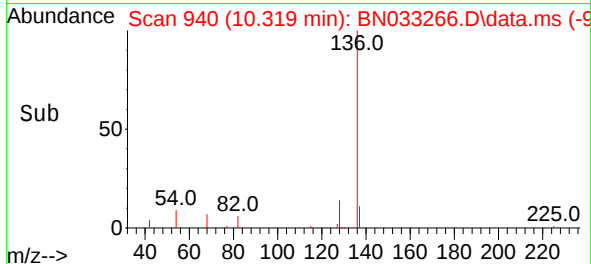
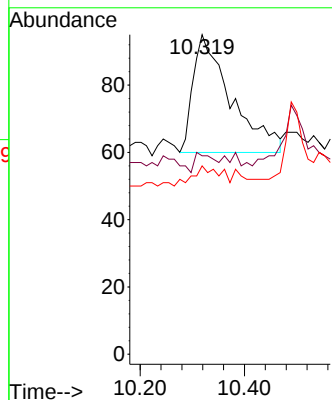
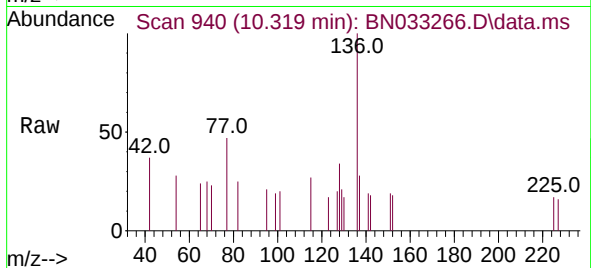
Tgt Ion:128 Resp: 177

Ion Ratio Lower Upper

128 100

129 62.1 15.4 23.0#

127 58.9 15.8 23.6#



#11

2-Methylnaphthalene-d10

Concen: 0.267 ng

RT: 11.905 min Scan# 1157

Delta R.T. -0.022 min

Lab File: BN033266.D

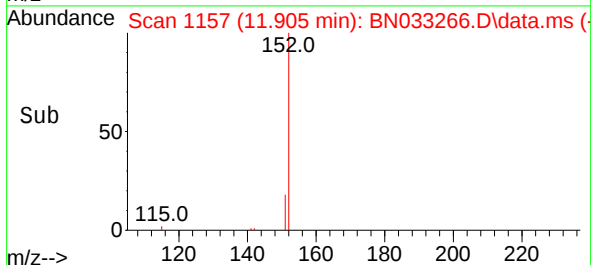
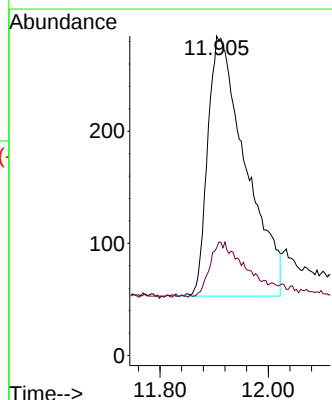
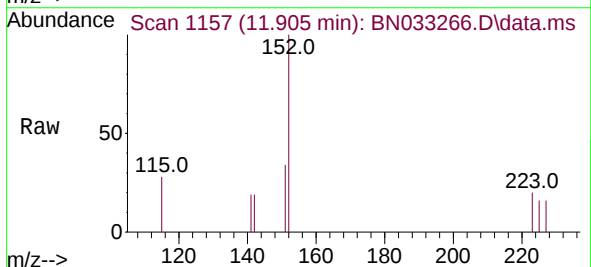
Acq: 06 Aug 2024 10:34

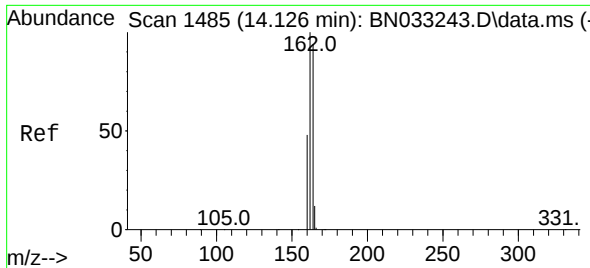
Tgt Ion:152 Resp: 1126

Ion Ratio Lower Upper

152 100

151 19.9 11.9 17.9#

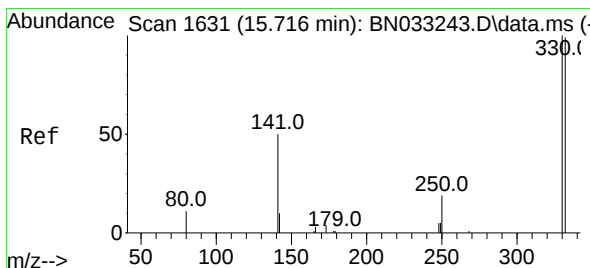
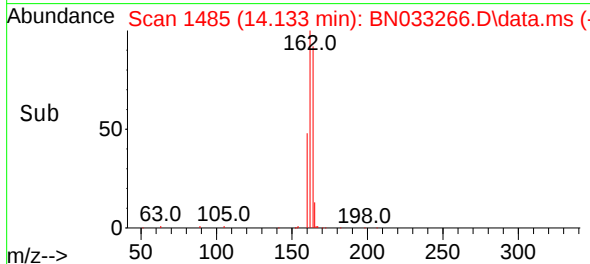
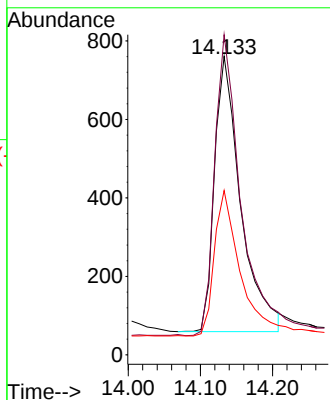
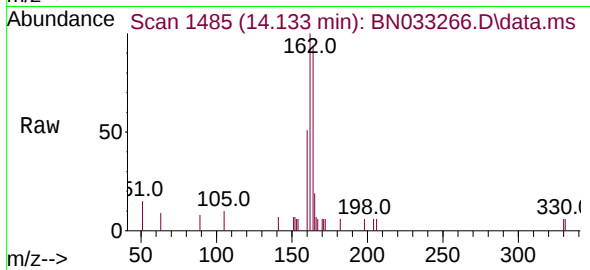




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.133 min Scan# 1485
Delta R.T. 0.007 min
Lab File: BN033266.D
Acq: 06 Aug 2024 10:34

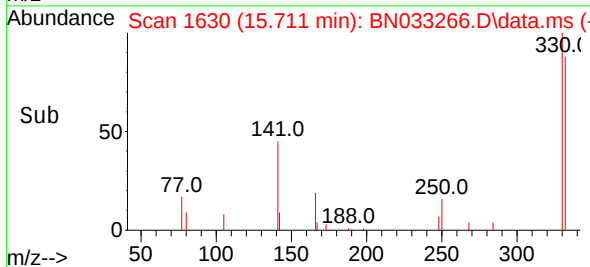
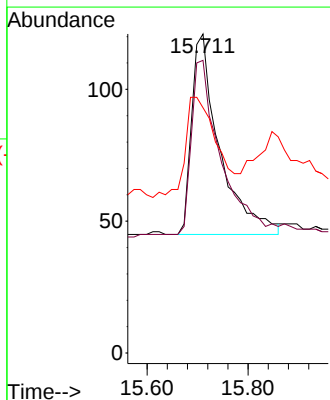
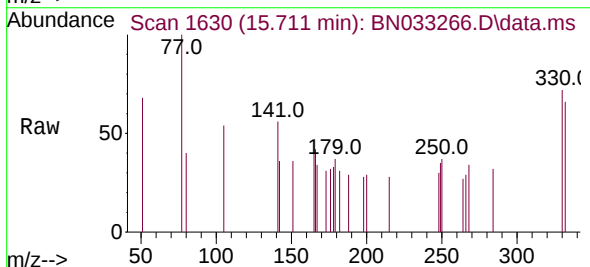
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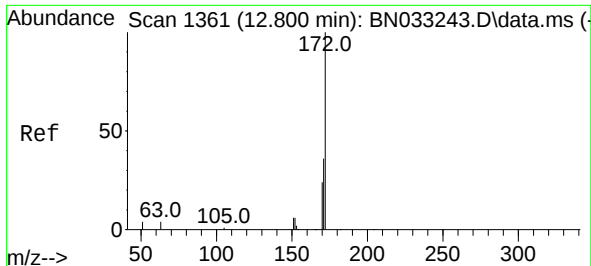
Tgt Ion:164 Resp: 1766
Ion Ratio Lower Upper
164 100
162 107.2 84.6 127.0
160 55.1 42.4 63.6



#14
2,4,6-Tribromophenol
Concen: 0.444 ng
RT: 15.711 min Scan# 1630
Delta R.T. -0.005 min
Lab File: BN033266.D
Acq: 06 Aug 2024 10:34

Tgt Ion:330 Resp: 292
Ion Ratio Lower Upper
330 100
332 91.1 73.7 110.5
141 0.0 44.8 67.2#





#15

2-Fluorobiphenyl

Concen: 0.366 ng

RT: 12.775 min Scan# 1358

Delta R.T. -0.025 min

Lab File: BN033266.D

Acq: 06 Aug 2024 10:34

Instrument :

BNA_N

ClientSampleId :

MLS-15-257-272

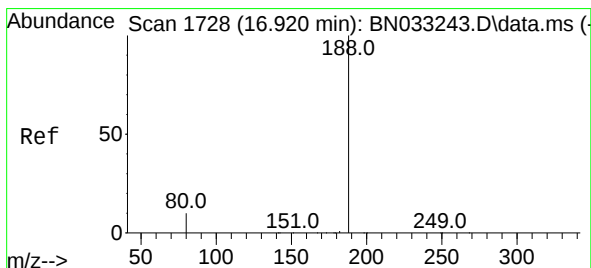
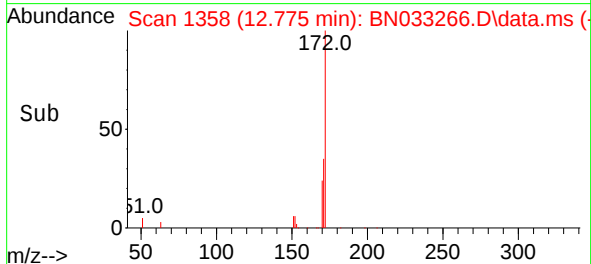
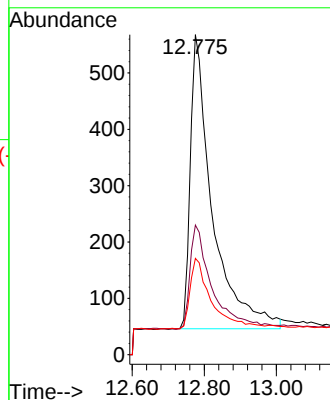
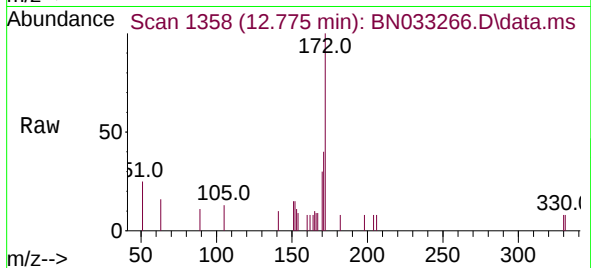
Tgt Ion:172 Resp: 2210

Ion Ratio Lower Upper

172 100

171 40.5 32.3 48.5

170 30.1 23.4 35.2



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.915 min Scan# 1727

Delta R.T. -0.005 min

Lab File: BN033266.D

Acq: 06 Aug 2024 10:34

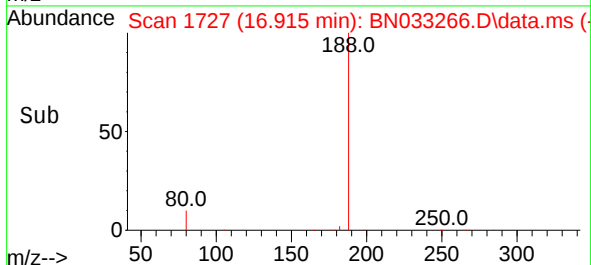
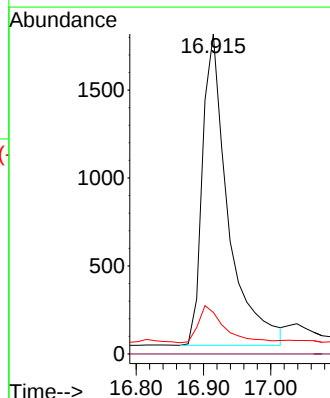
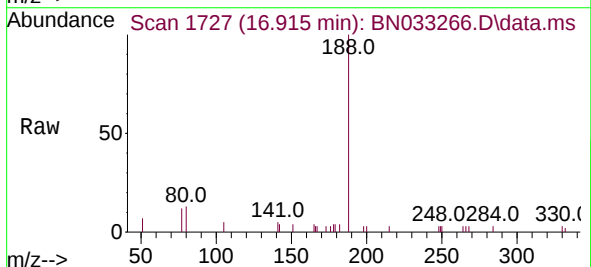
Tgt Ion:188 Resp: 4684

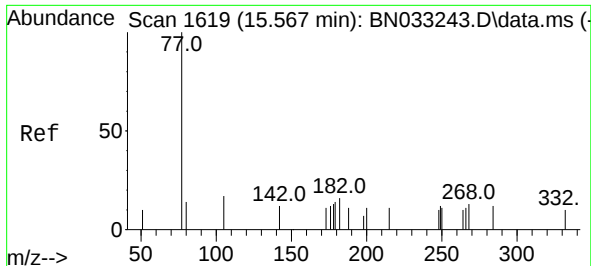
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 10.2 15.4

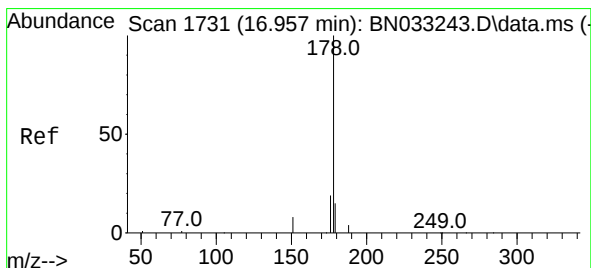
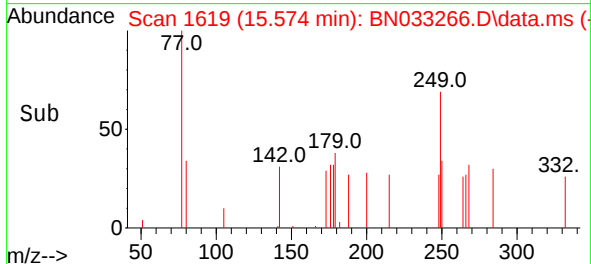
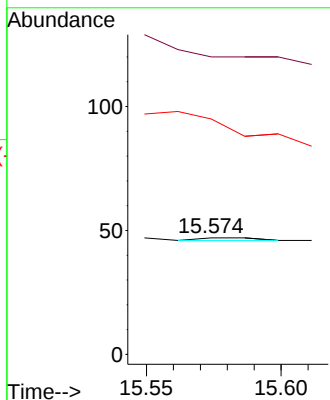
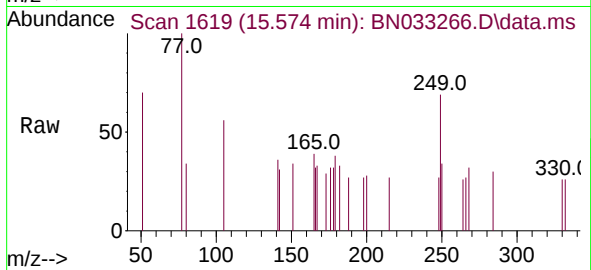




#20
4,6-Dinitro-2-methylphenol
Concen: 0.249 ng
RT: 15.574 min Scan# 1619
Delta R.T. 0.007 min
Lab File: BN033266.D
Acq: 06 Aug 2024 10:34

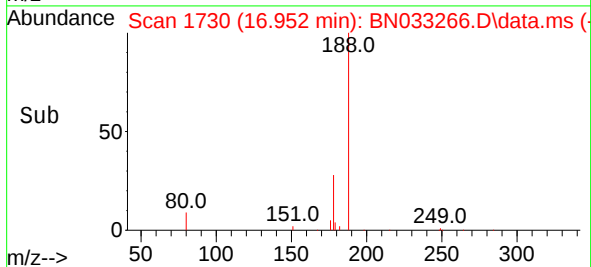
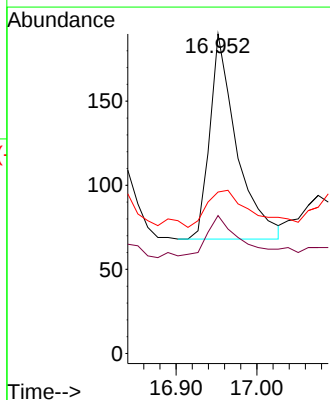
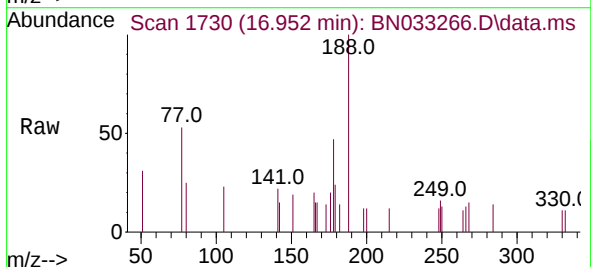
Instrument :
BNA_N
ClientSampleId :
MLS-15-257-272

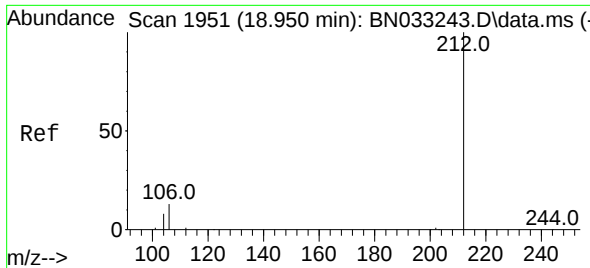
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 255.3 250.6 375.8
105 202.1 152.6 229.0



#25
Phenanthrene
Concen: 0.022 ng
RT: 16.952 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BN033266.D
Acq: 06 Aug 2024 10:34

Tgt Ion:178 Resp: 282
Ion Ratio Lower Upper
178 100
176 29.4 15.7 23.5#
179 30.1 12.4 18.6#

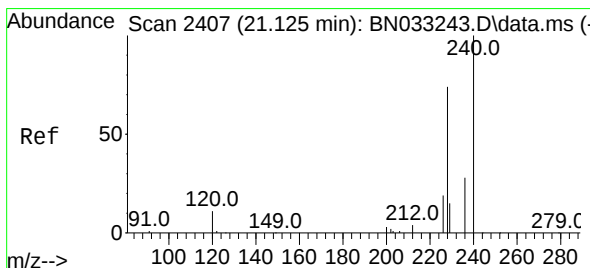
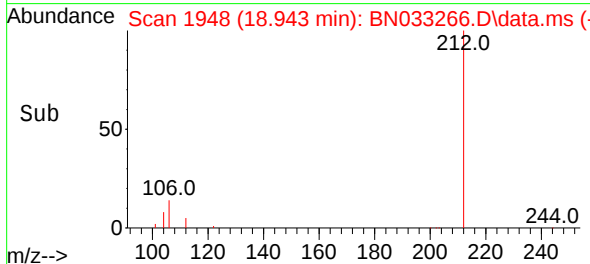
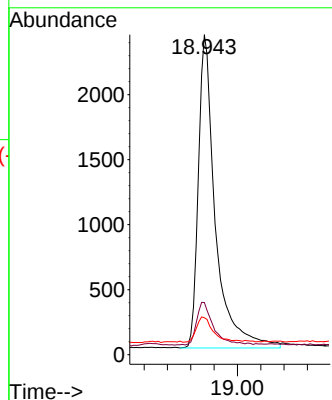
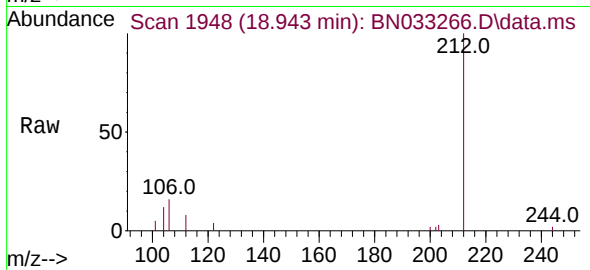




#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 18.943 min Scan# 1948
Delta R.T. -0.007 min
Lab File: BN033266.D
Acq: 06 Aug 2024 10:34

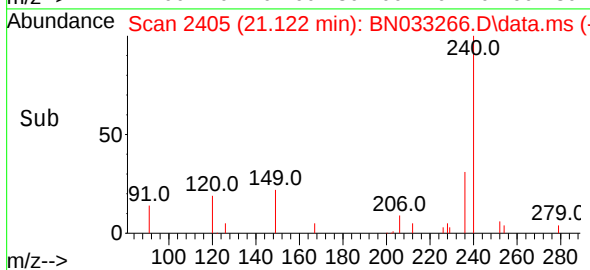
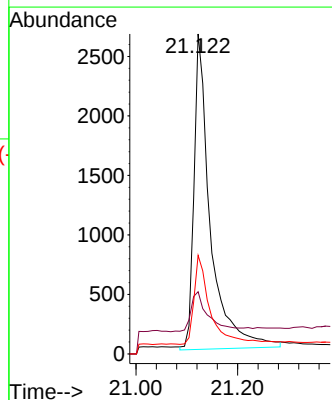
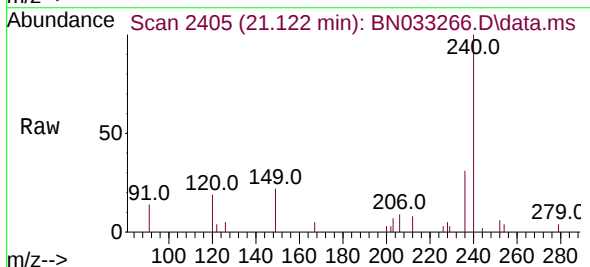
Instrument :
BNA_N
ClientSampleId :
MLS-15-257-272

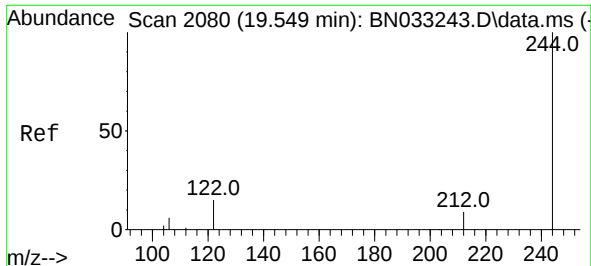
Tgt Ion:212 Resp: 4886
Ion Ratio Lower Upper
212 100
106 13.4 11.4 17.0
104 7.9 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.122 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BN033266.D
Acq: 06 Aug 2024 10:34

Tgt Ion:240 Resp: 5929
Ion Ratio Lower Upper
240 100
120 19.4 13.3 19.9
236 30.8 23.8 35.6

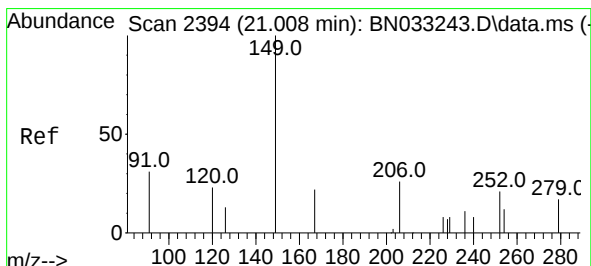
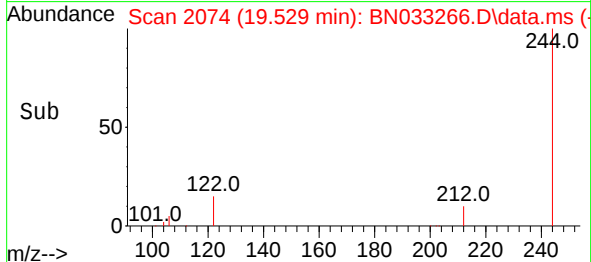
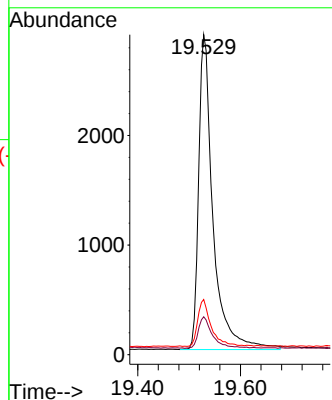
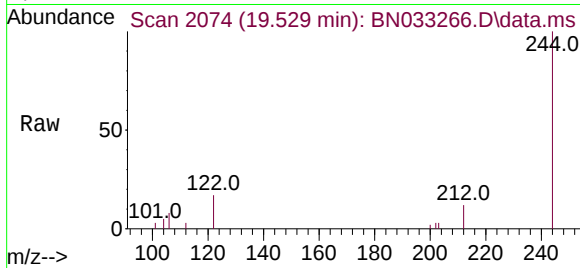




#31
 Terphenyl-d14
 Concen: 0.546 ng
 RT: 19.529 min Scan# 2080
 Delta R.T. -0.021 min
 Lab File: BN033266.D
 Acq: 06 Aug 2024 10:34

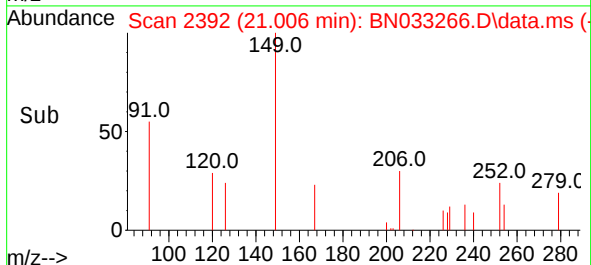
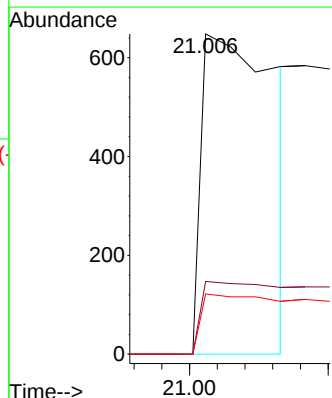
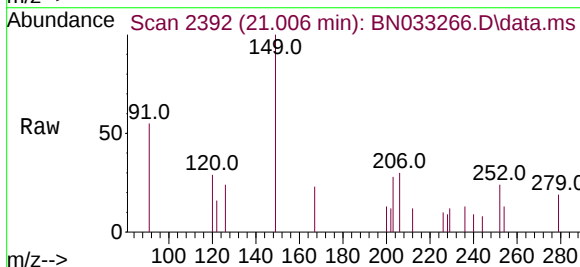
Instrument :
 BNA_N
 ClientSampleId :
 MLS-15-257-272

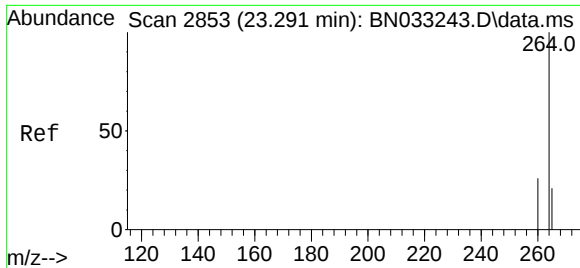
Tgt Ion:244 Resp: 5591
 Ion Ratio Lower Upper
 244 100
 212 11.8 9.9 14.9
 122 17.3 14.1 21.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.256 ng
 RT: 21.006 min Scan# 2392
 Delta R.T. -0.002 min
 Lab File: BN033266.D
 Acq: 06 Aug 2024 10:34

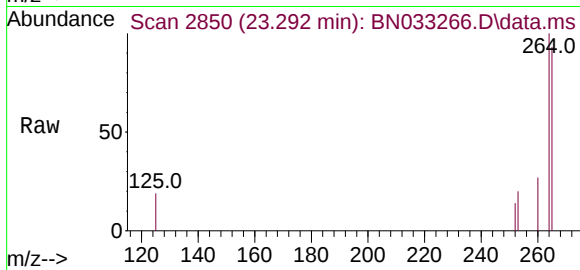
Tgt Ion:149 Resp: 1052
 Ion Ratio Lower Upper
 149 100
 167 30.1 19.8 29.6#
 279 29.9 8.2 12.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.292 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN033266.D
Acq: 06 Aug 2024 10:34

Instrument :
BNA_N
ClientSampleId :
MLS-15-257-272



Tgt Ion: 264 Resp: 6730

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.4	32.2
265	92.7	66.6	99.8

