

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072024\
 Data File : BN032879.D
 Acq On : 20 Jul 2024 16:34
 Operator : MA/JU
 Sample : P3282-04
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 22 00:43:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

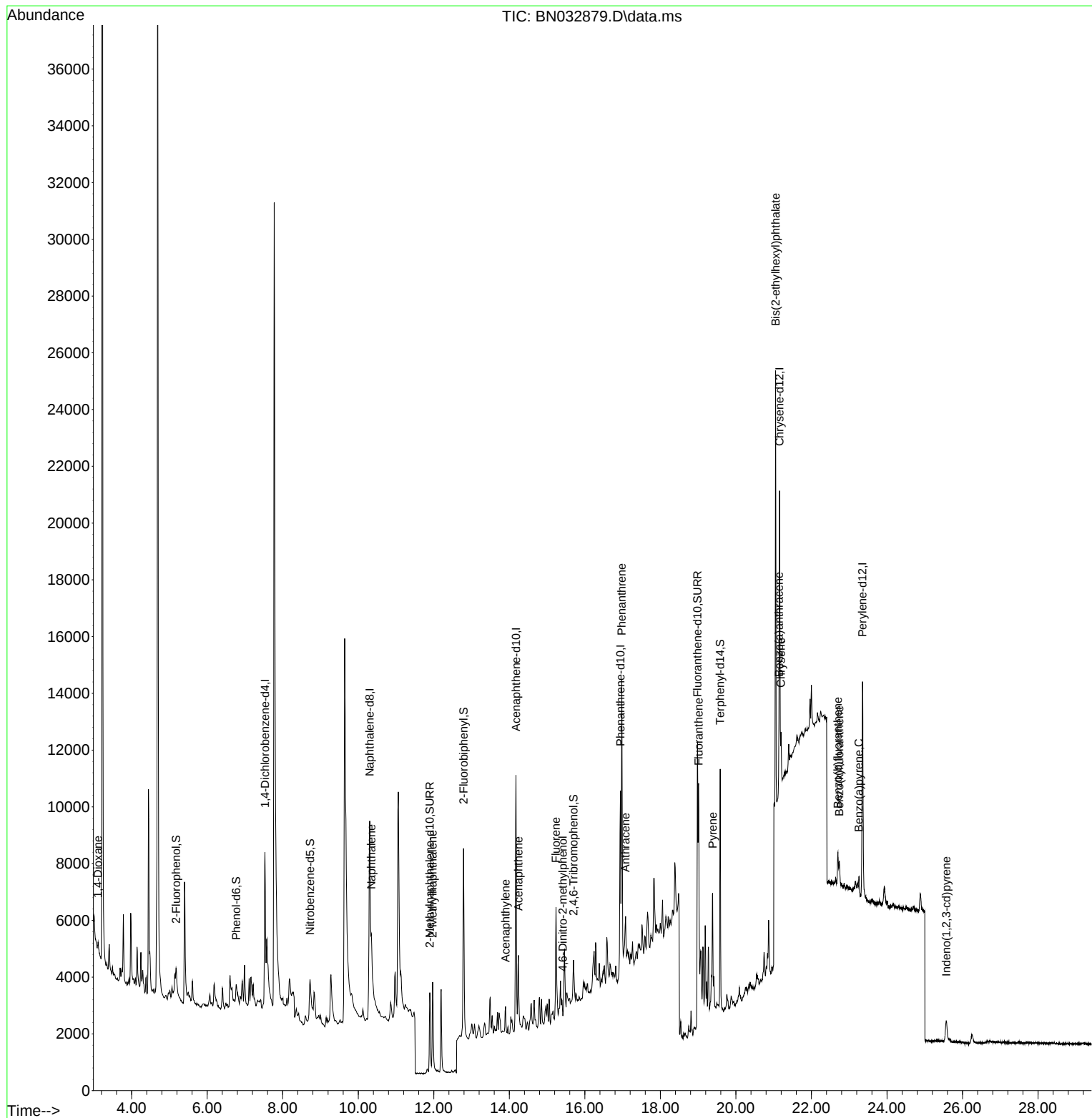
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.530	152	3406	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	10478	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	5828	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	10307	0.400	ng	-0.01
29) Chrysene-d12	21.157	240	9821	0.400	ng	0.00
35) Perylene-d12	23.352	264	10918	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.176	112	1876	0.218	ng	0.00
5) Phenol-d6	6.772	99	1430	0.134	ng	0.00
8) Nitrobenzene-d5	8.723	82	2193	0.278	ng	-0.01
11) 2-Methylnaphthalene-d10	11.896	152	4921	0.307	ng	-0.02
14) 2,4,6-Tribromophenol	15.700	330	903	0.363	ng	-0.02
15) 2-Fluorobiphenyl	12.788	172	7339	0.338	ng	-0.02
27) Fluoranthene-d10	18.984	212	10279	0.385	ng	0.00
31) Terphenyl-d14	19.583	244	8568	0.426	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.110	88	105	0.025	ng	# 29
9) Naphthalene	10.346	128	2738	0.094	ng	# 87
12) 2-Methylnaphthalene	11.971	142	2871	0.151	ng	93
16) Acenaphthylene	13.900	152	804	0.034	ng	# 82
17) Acenaphthene	14.242	154	1535	0.091	ng	97
18) Fluorene	15.236	166	2967	0.132	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.418	198	6	0.296	ng	# 1
25) Phenanthrene	16.979	178	11470	0.407	ng	97
26) Anthracene	17.078	178	1865	0.080	ng	96
28) Fluoranthene	19.017	202	3483	0.102	ng	# 1
30) Pyrene	19.384	202	3468	0.086	ng	# 94
32) Benzo(a)anthracene	21.139	228	1405	0.045	ng	# 58
33) Chrysene	21.193	228	1753	0.047	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.050	149	22579	1.313	ng	# 92
36) Indeno(1,2,3-cd)pyrene	25.572	276	878	0.020	ng	# 72
37) Benzo(b)fluoranthene	22.701	252	1623	0.043	ng	# 1
38) Benzo(k)fluoranthene	22.739	252	1071	0.025	ng	# 1
39) Benzo(a)pyrene	23.256	252	846	0.025	ng	# 1

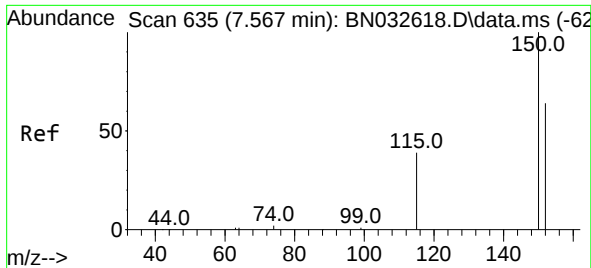
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072024\
Data File : BN032879.D
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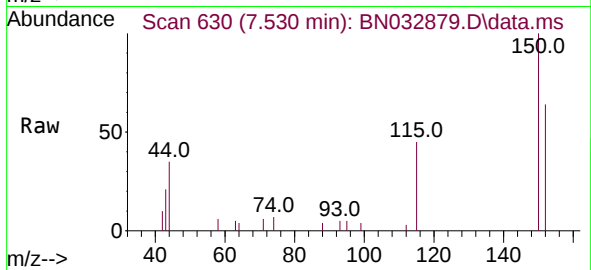
Quant Time: Jul 22 00:43:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
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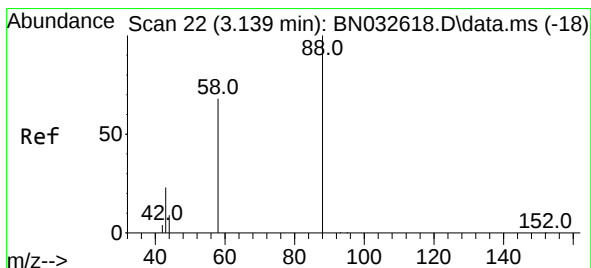
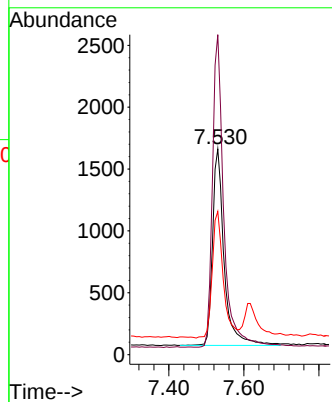
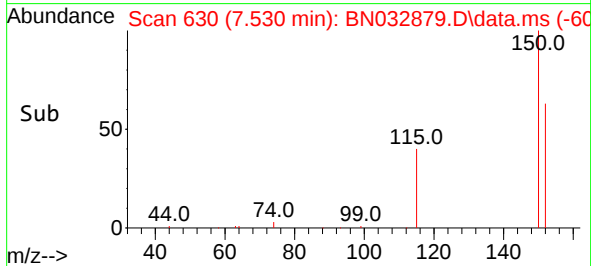


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.530 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN032879.D
 Acq: 20 Jul 2024 16:34

Instrument :
 BNA_N
 ClientSampleId :

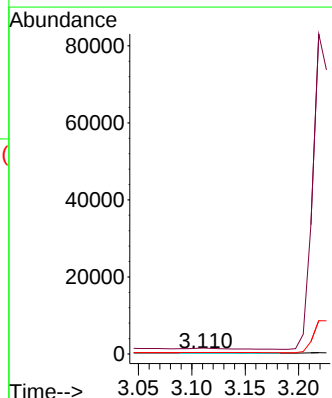
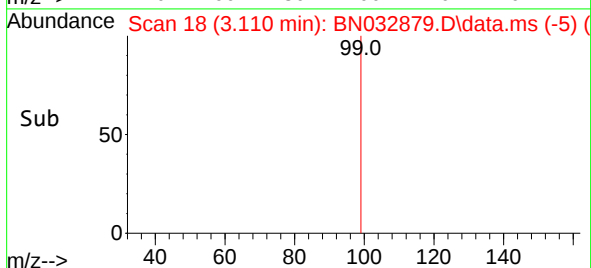
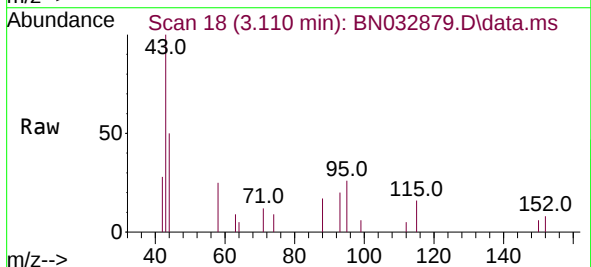


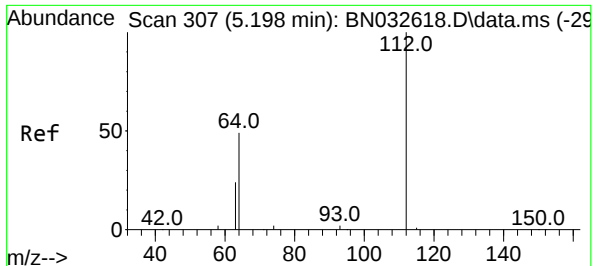
Tgt Ion:152 Resp: 3406
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.8 185.6
 115 69.6 52.8 79.2



#2
 1,4-Dioxane
 Concen: 0.025 ng
 RT: 3.110 min Scan# 18
 Delta R.T. -0.007 min
 Lab File: BN032879.D
 Acq: 20 Jul 2024 16:34

Tgt Ion: 88 Resp: 105
 Ion Ratio Lower Upper
 88 100
 43 0.0 18.4 27.6#
 58 0.0 49.2 73.8#

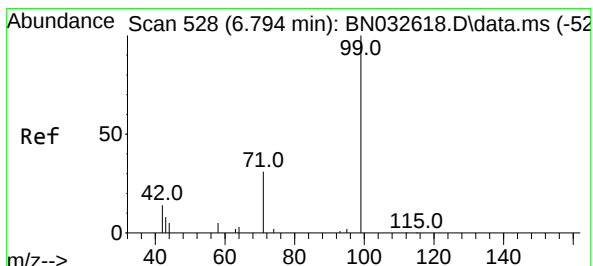
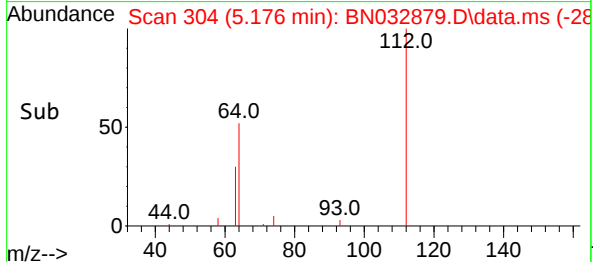
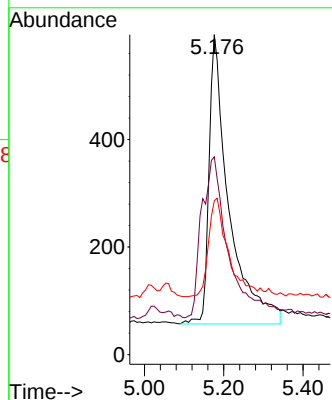
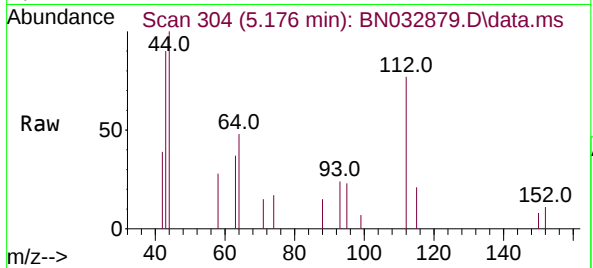




#4
2-Fluorophenol
Concen: 0.218 ng
RT: 5.176 min Scan# 307
Delta R.T. -0.000 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

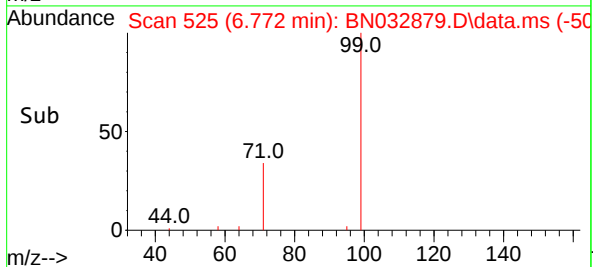
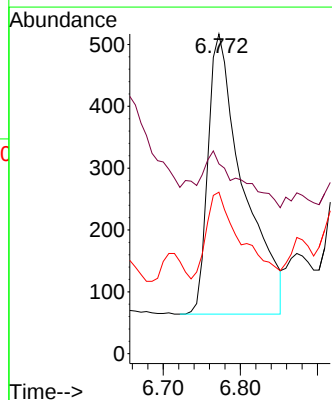
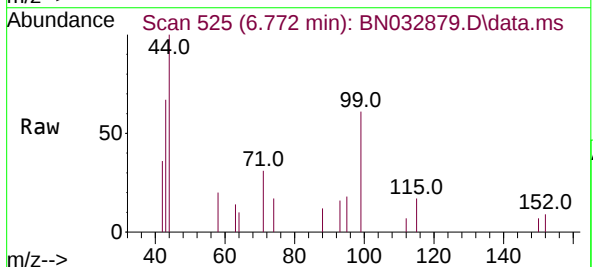
Instrument :
BNA_N
ClientSampleId :

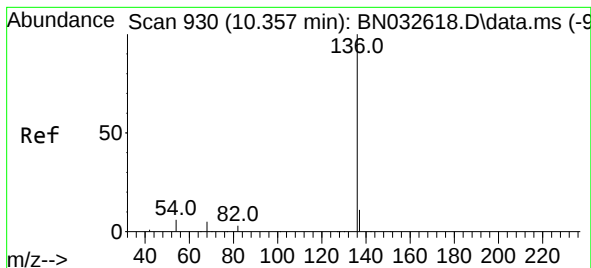
Tgt Ion:112 Resp: 1876
Ion Ratio Lower Upper
112 100
64 74.5 40.2 60.4#
63 33.8 22.2 33.4#



#5
Phenol-d6
Concen: 0.134 ng
RT: 6.772 min Scan# 525
Delta R.T. -0.007 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

Tgt Ion: 99 Resp: 1430
Ion Ratio Lower Upper
99 100
42 19.9 10.5 15.7#
71 29.8 22.3 33.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.304 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN032879.D

Acq: 20 Jul 2024 16:34

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:136 Resp: 10478

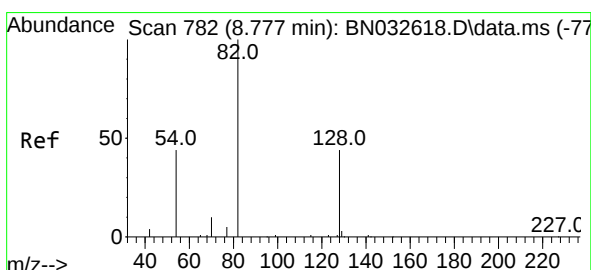
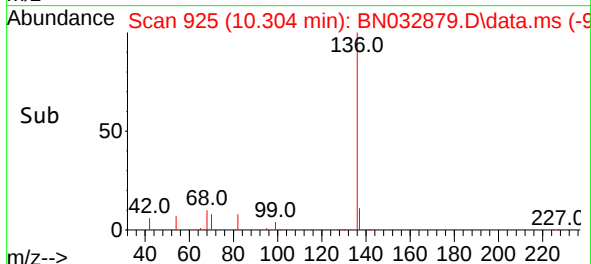
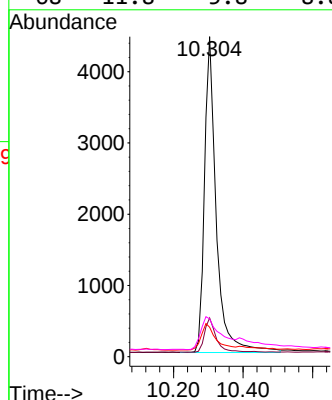
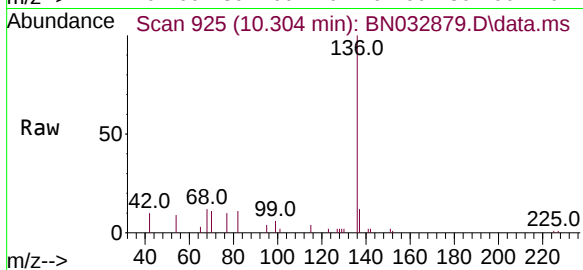
Ion Ratio Lower Upper

136 100

137 12.1 9.9 14.9

54 9.2 6.5 9.7

68 11.8 5.8 8.8#



#8

Nitrobenzene-d5

Concen: 0.278 ng

RT: 8.723 min Scan# 777

Delta R.T. -0.011 min

Lab File: BN032879.D

Acq: 20 Jul 2024 16:34

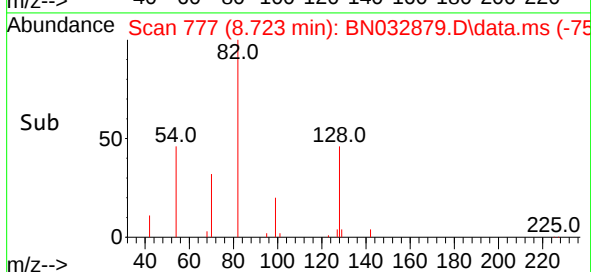
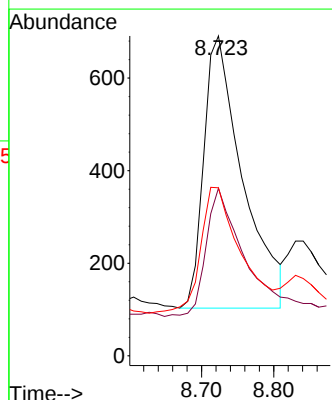
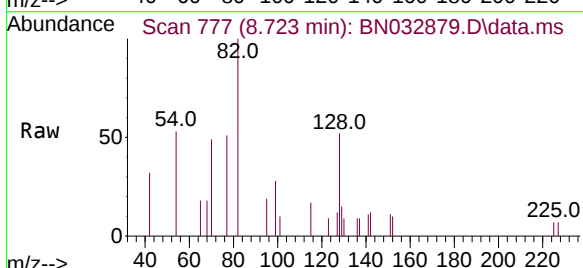
Tgt Ion: 82 Resp: 2193

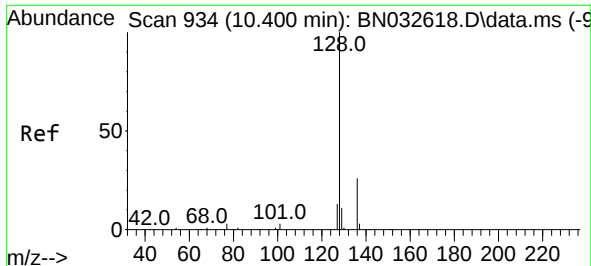
Ion Ratio Lower Upper

82 100

128 52.4 41.7 62.5

54 52.5 39.5 59.3

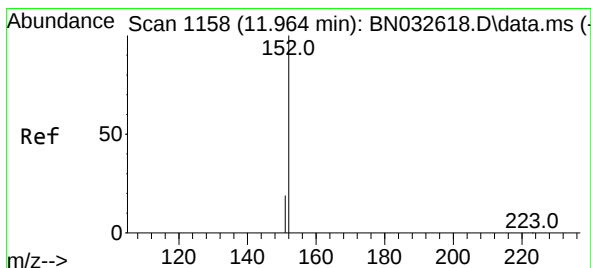
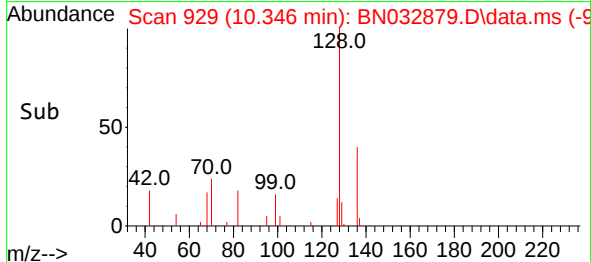
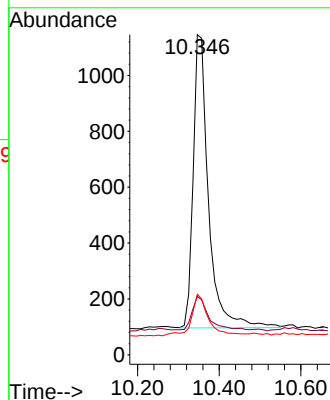
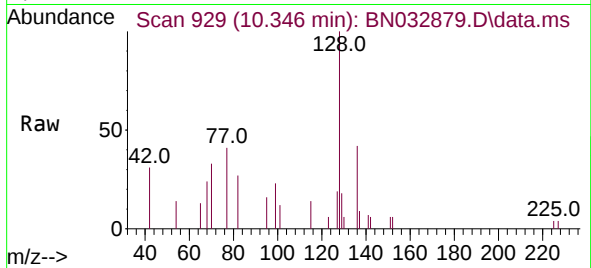




#9
Naphthalene
Concen: 0.094 ng
RT: 10.346 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

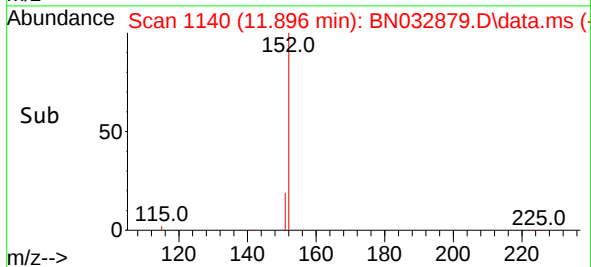
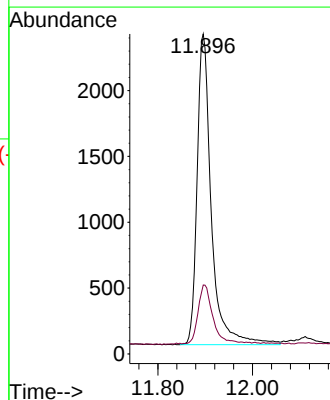
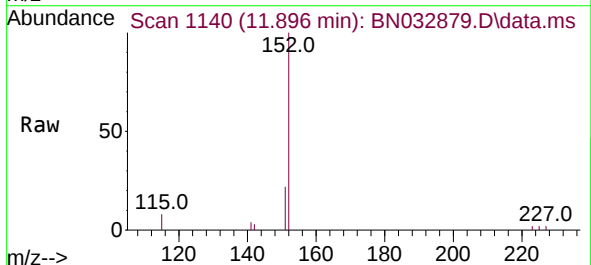
Instrument :
BNA_N
ClientSampleId :

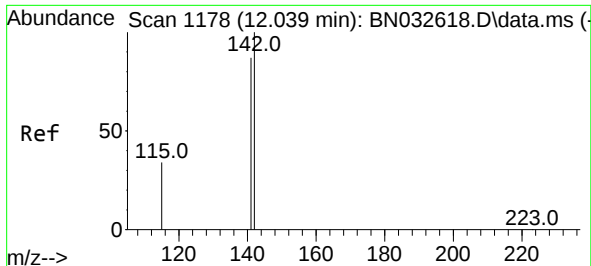
Tgt Ion:128 Resp: 2738
Ion Ratio Lower Upper
128 100
129 18.2 9.8 14.8#
127 18.9 11.5 17.3#



#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 11.896 min Scan# 1140
Delta R.T. -0.019 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

Tgt Ion:152 Resp: 4921
Ion Ratio Lower Upper
152 100
151 19.2 16.2 24.2

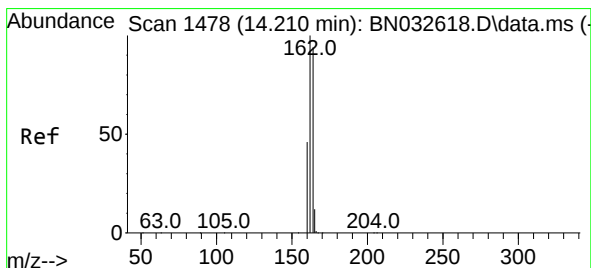
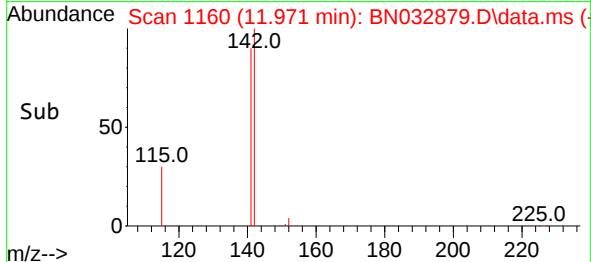
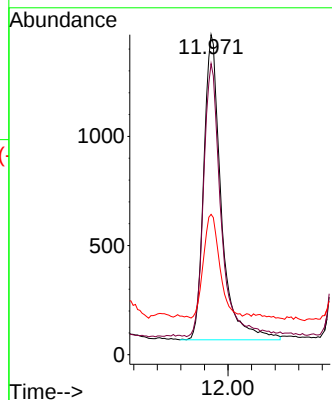
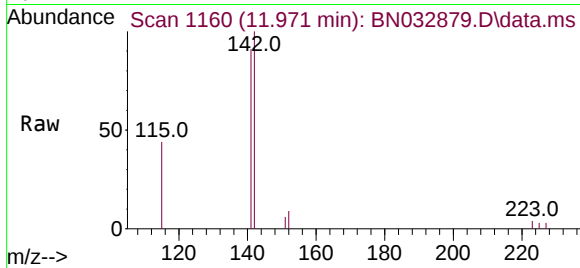




#12
2-Methylnaphthalene
Concen: 0.151 ng
RT: 11.971 min Scan# 1178
Delta R.T. -0.019 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

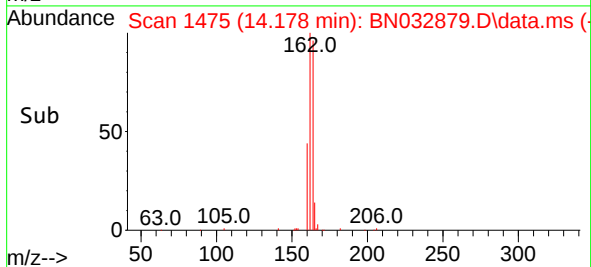
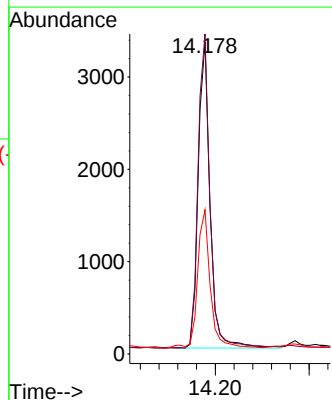
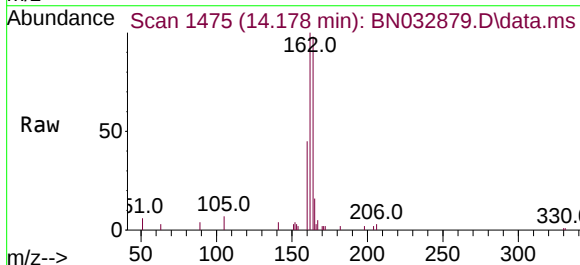
Instrument :
BNA_N
ClientSampleId :

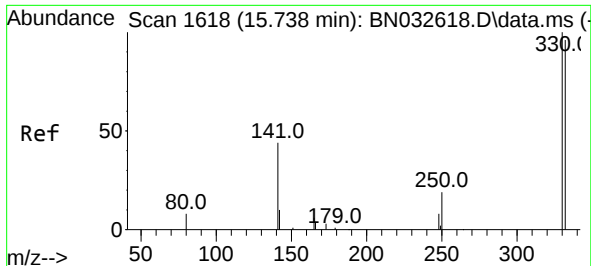
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	69.3	103.9
115	43.9	29.5	44.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

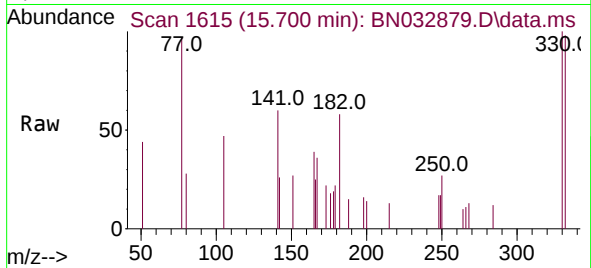
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	85.0	127.4
160	46.2	39.4	59.2



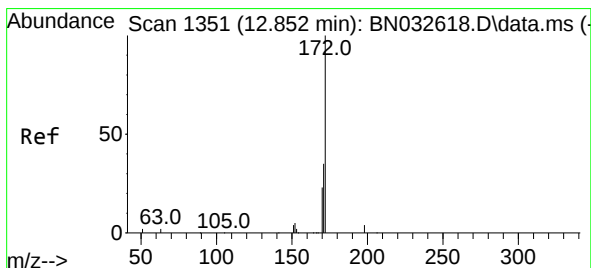
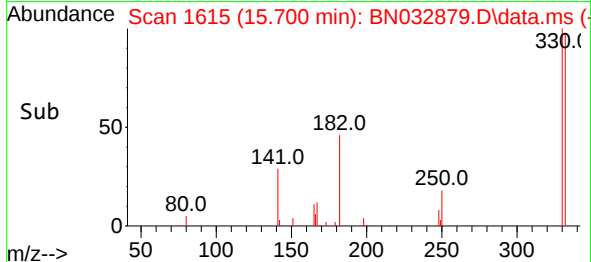
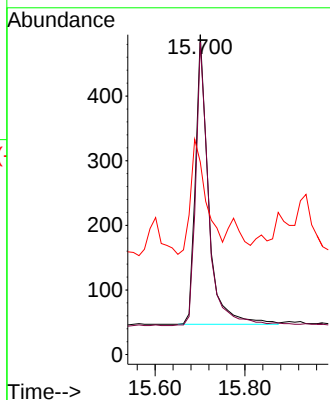


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.700 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

Instrument :
BNA_N
ClientSampleId :

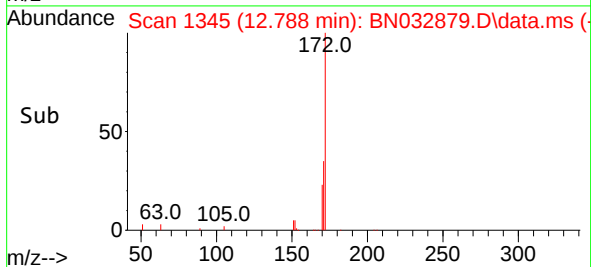
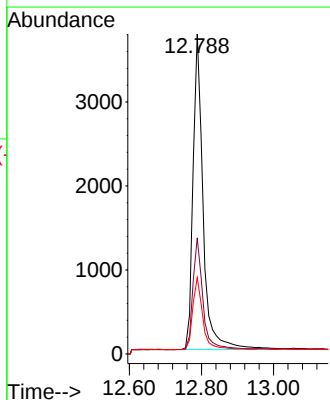
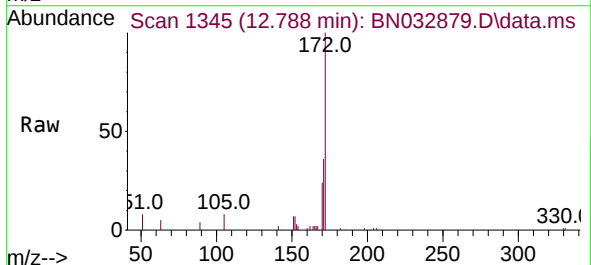


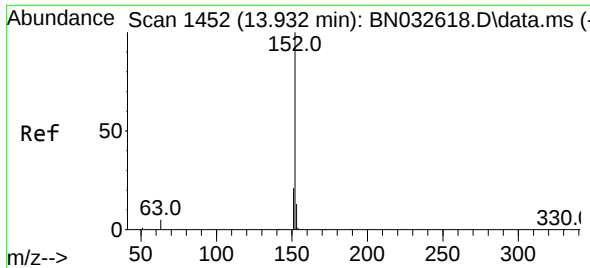
Tgt Ion:330 Resp: 903
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 48.2 34.2 51.2



#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 12.788 min Scan# 1345
Delta R.T. -0.021 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

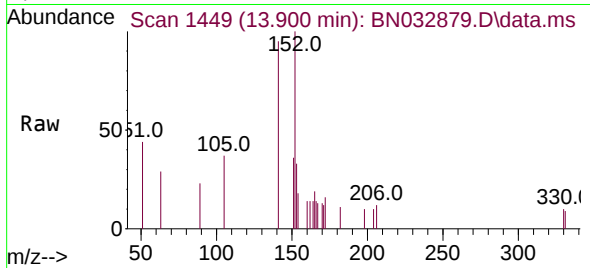
Tgt Ion:172 Resp: 7339
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 23.8 19.0 28.6



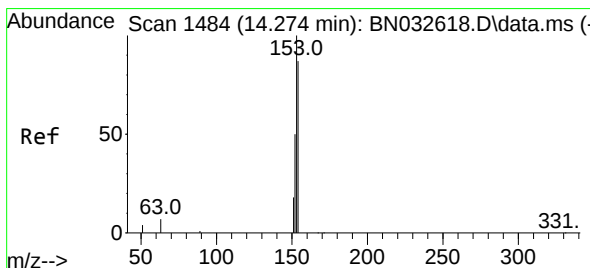
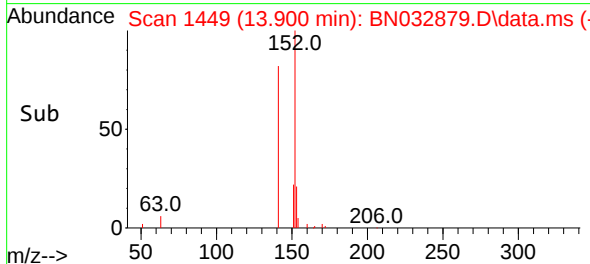
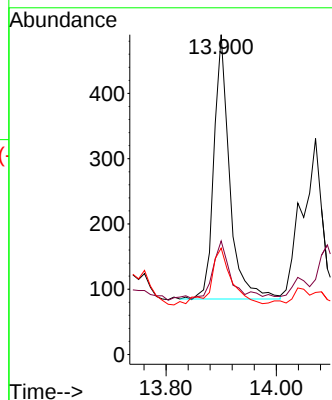


#16
Acenaphthylene
Concen: 0.034 ng
RT: 13.900 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

Instrument :
BNA_N
ClientSampleId :

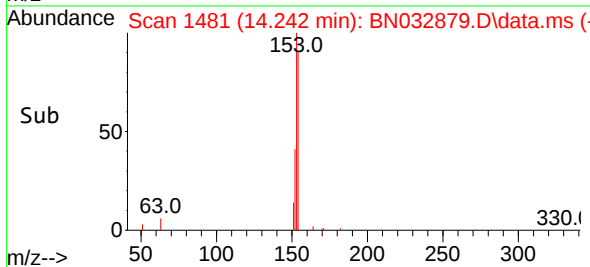
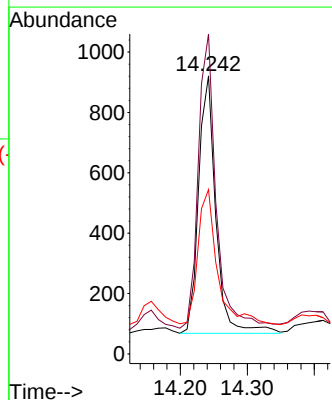
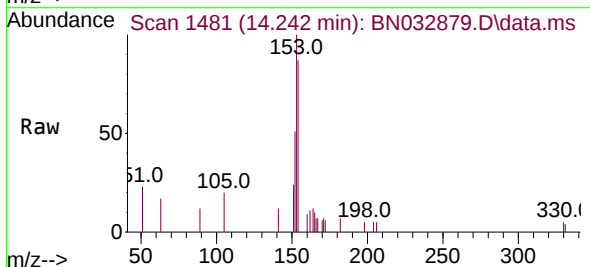


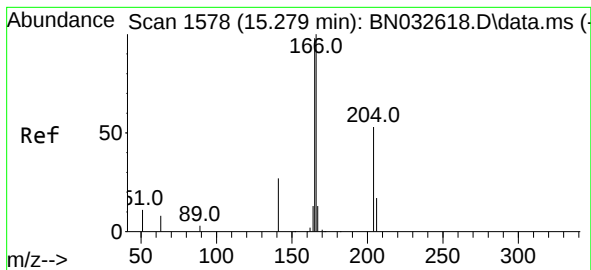
Tgt Ion:152 Resp: 804
Ion Ratio Lower Upper
152 100
151 24.4 16.0 24.0#
153 25.9 10.6 15.8#



#17
Acenaphthene
Concen: 0.091 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

Tgt Ion:154 Resp: 1535
Ion Ratio Lower Upper
154 100
153 117.5 91.8 137.8
152 58.6 45.2 67.8





#18

Fluorene

Concen: 0.132 ng

RT: 15.236 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN032879.D

Acq: 20 Jul 2024 16:34

Instrument :

BNA_N

ClientSampleId :

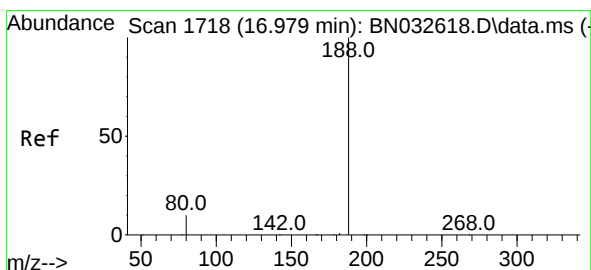
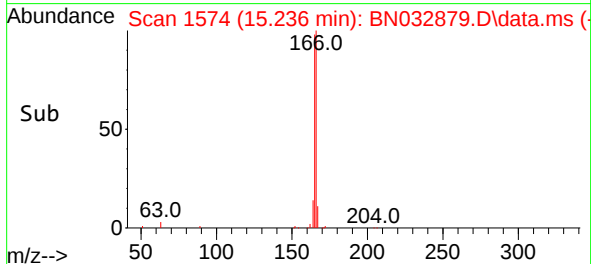
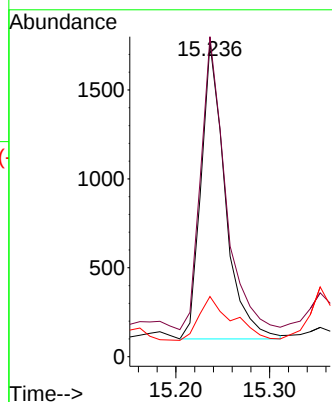
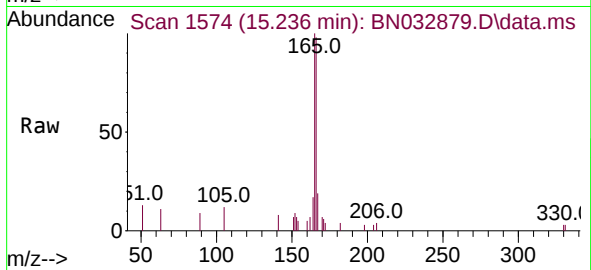
Tgt Ion:166 Resp: 2967

Ion Ratio Lower Upper

166 100

165 100.9 78.0 117.0

167 20.7 10.7 16.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BN032879.D

Acq: 20 Jul 2024 16:34

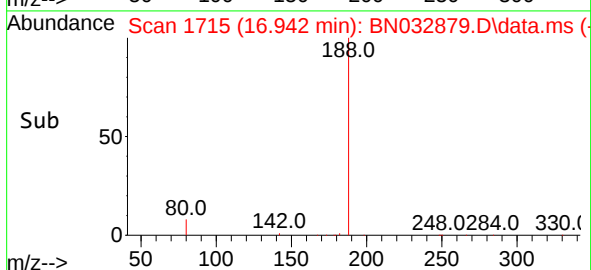
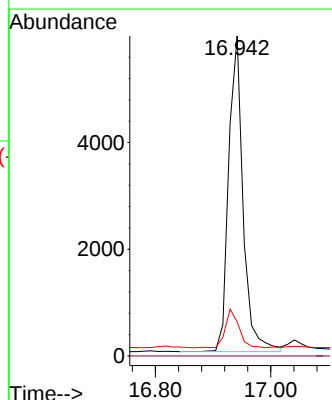
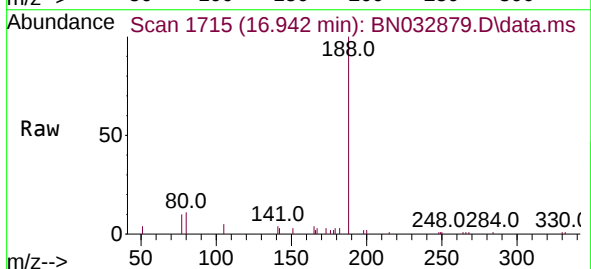
Tgt Ion:188 Resp: 10307

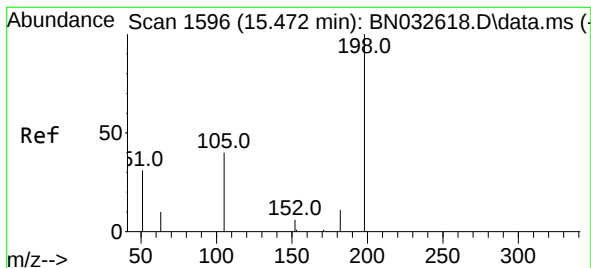
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 8.8 13.2

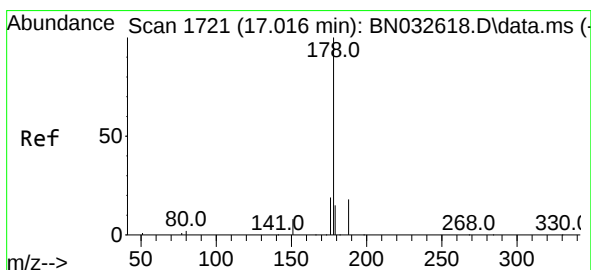
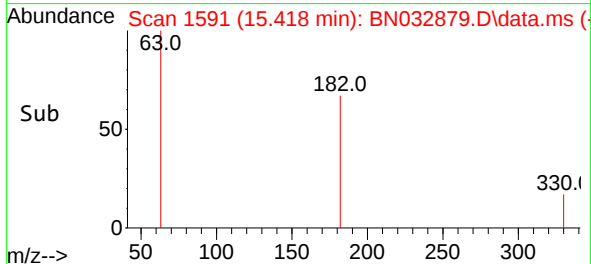
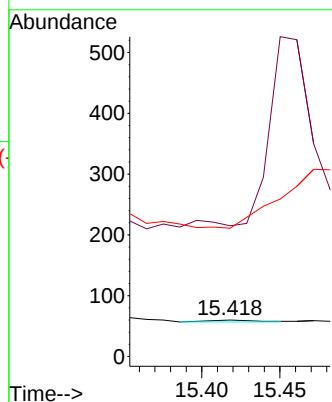
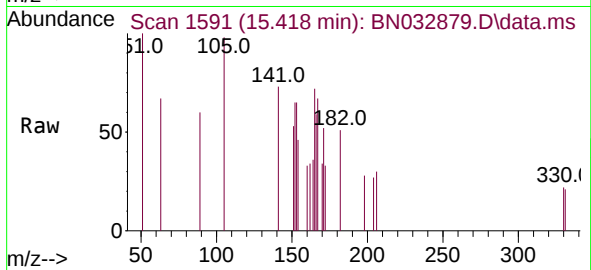




#20
4,6-Dinitro-2-methylphenol
Concen: 0.296 ng
RT: 15.418 min Scan# 11
Delta R.T. -0.054 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

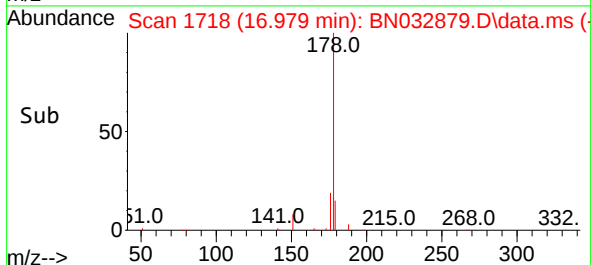
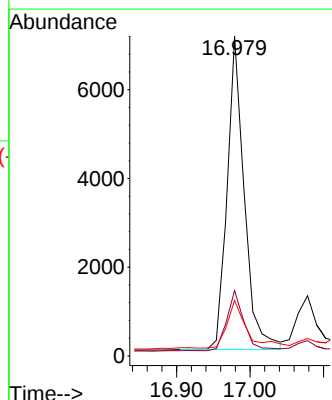
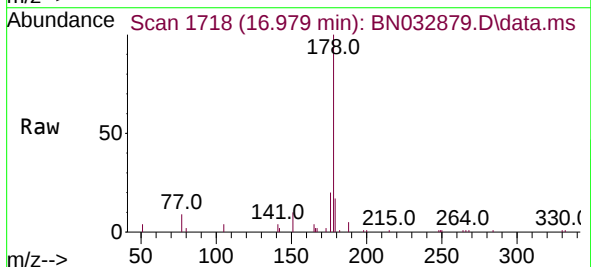
Instrument :
BNA_N
ClientSampleId :

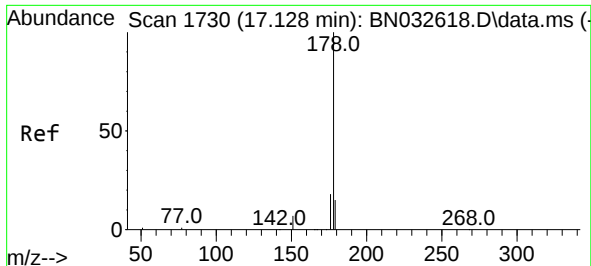
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 358.3 105.7 158.5#
105 351.7 63.0 94.6#



#25
Phenanthrene
Concen: 0.407 ng
RT: 16.979 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

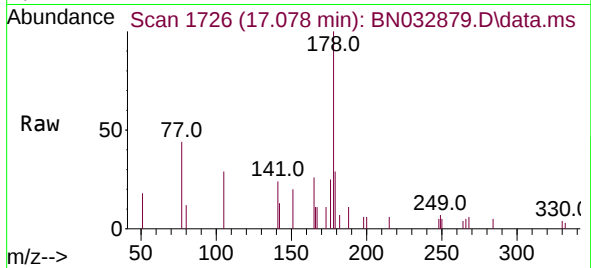
Tgt Ion:178 Resp: 11470
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 17.6 12.2 18.4





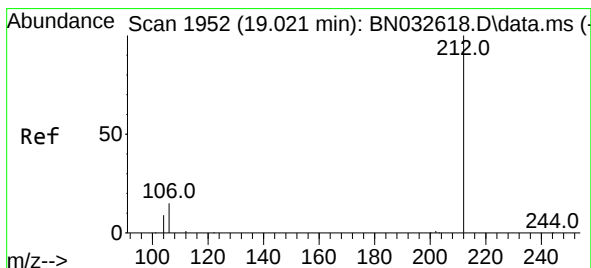
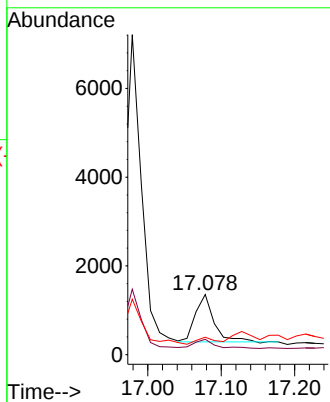
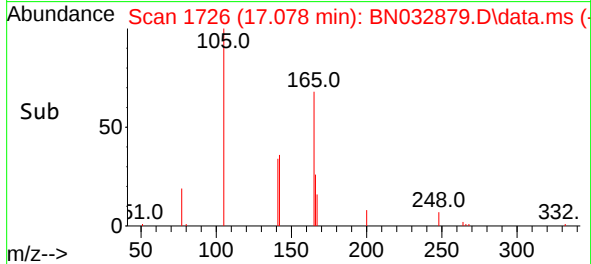
#26
 Anthracene
 Concen: 0.080 ng
 RT: 17.078 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN032879.D
 Acq: 20 Jul 2024 16:34

Instrument :
 BNA_N
 ClientSampleId :

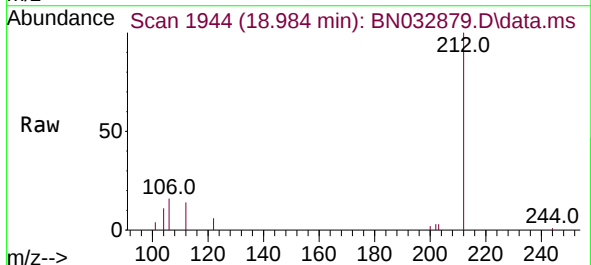


Tgt Ion:178 Resp: 1865

Ion	Ratio	Lower	Upper
178	100		
176	21.2	14.8	22.2
179	15.4	11.8	17.8

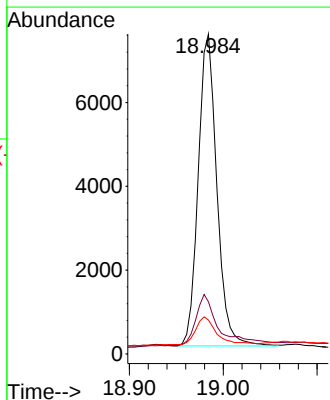
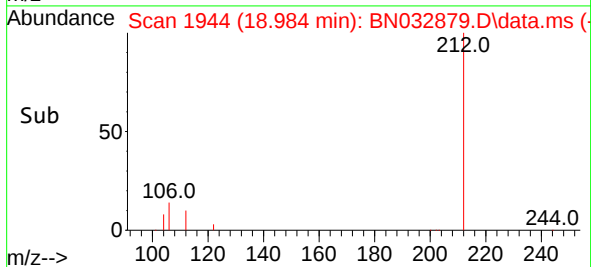


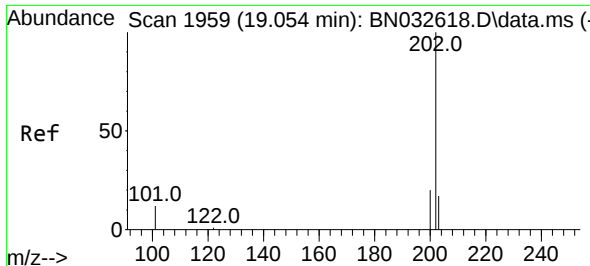
#27
 Fluoranthene-d10
 Concen: 0.385 ng
 RT: 18.984 min Scan# 1944
 Delta R.T. -0.009 min
 Lab File: BN032879.D
 Acq: 20 Jul 2024 16:34



Tgt Ion:212 Resp: 10279

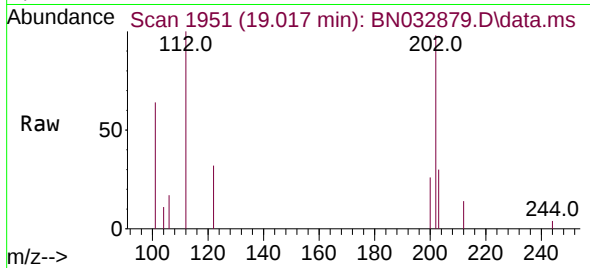
Ion	Ratio	Lower	Upper
212	100		
106	21.9	11.9	17.9#
104	11.8	6.9	10.3#



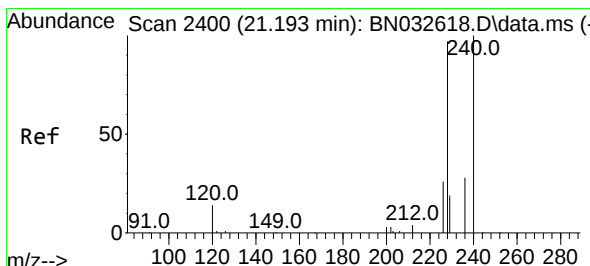
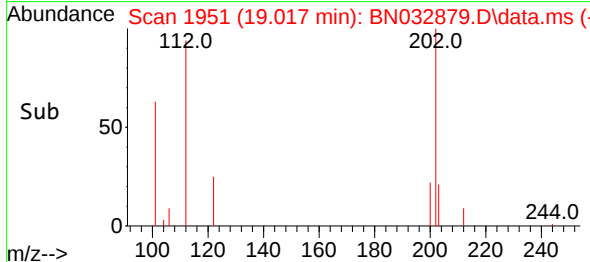
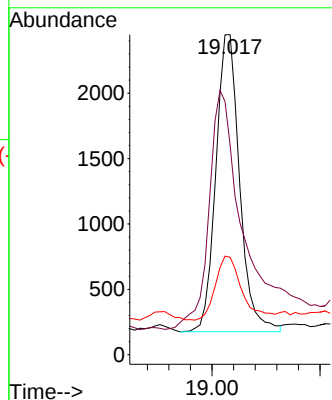


#28
Fluoranthene
Concen: 0.102 ng
RT: 19.017 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

Instrument :
BNA_N
ClientSampleId :

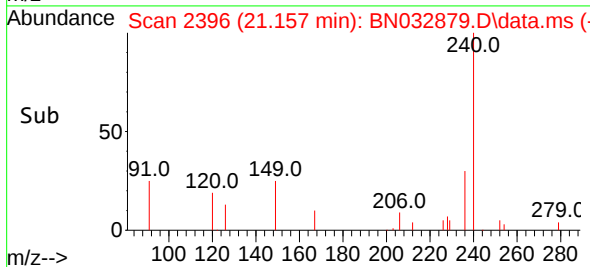
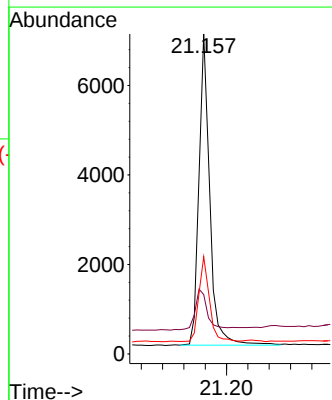
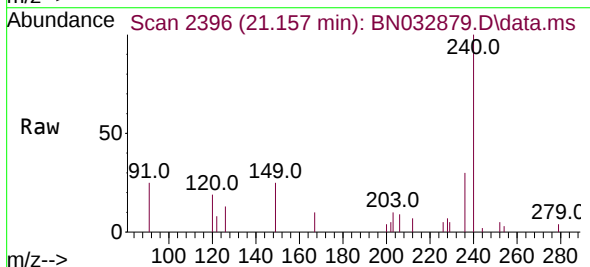


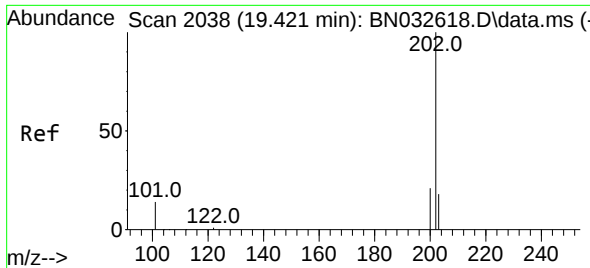
Tgt Ion:202 Resp: 3483
Ion Ratio Lower Upper
202 100
101 126.8 9.6 14.4#
203 24.2 13.8 20.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.157 min Scan# 2396
Delta R.T. -0.009 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

Tgt Ion:240 Resp: 9821
Ion Ratio Lower Upper
240 100
120 18.6 14.8 22.2
236 30.4 23.3 34.9

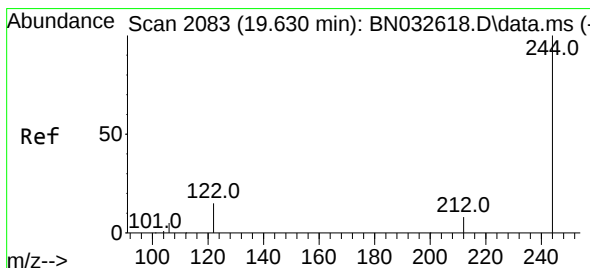
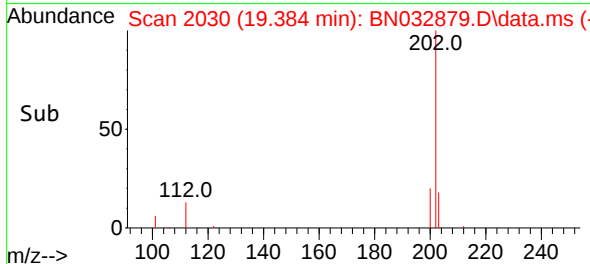
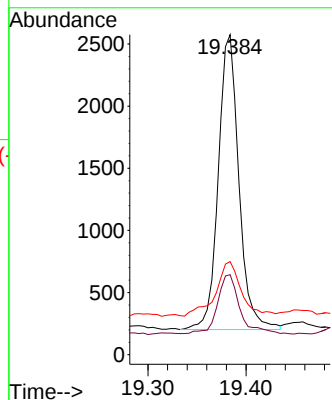
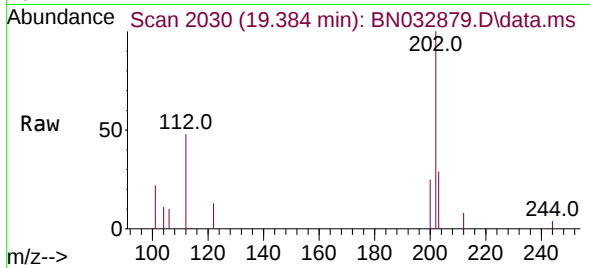




#30
 Pyrene
 Concen: 0.086 ng
 RT: 19.384 min Scan# 2030
 Delta R.T. -0.005 min
 Lab File: BN032879.D
 Acq: 20 Jul 2024 16:34

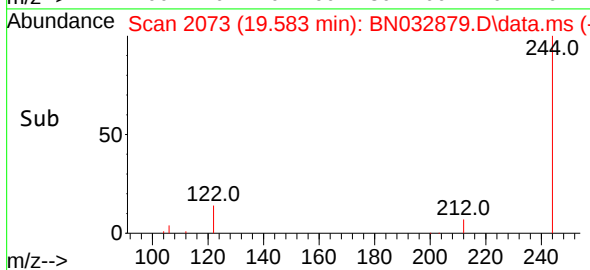
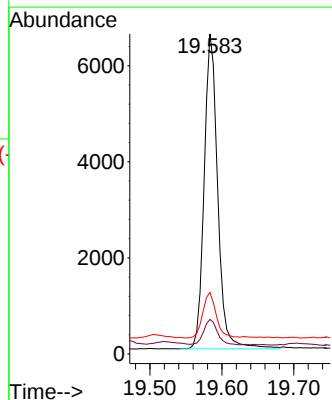
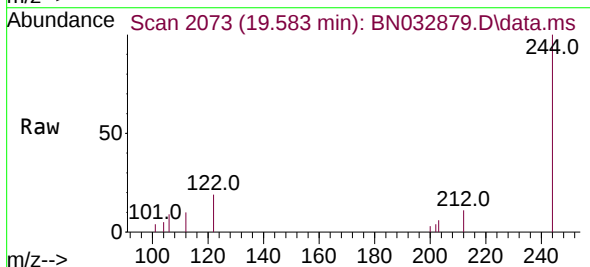
Instrument :
 BNA_N
 ClientSampleId :

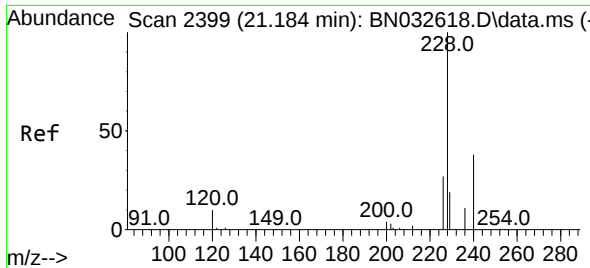
Tgt Ion:202 Resp: 3468
 Ion Ratio Lower Upper
 202 100
 200 21.9 16.6 25.0
 203 23.1 14.8 22.2#



#31
 Terphenyl-d14
 Concen: 0.426 ng
 RT: 19.583 min Scan# 2073
 Delta R.T. -0.009 min
 Lab File: BN032879.D
 Acq: 20 Jul 2024 16:34

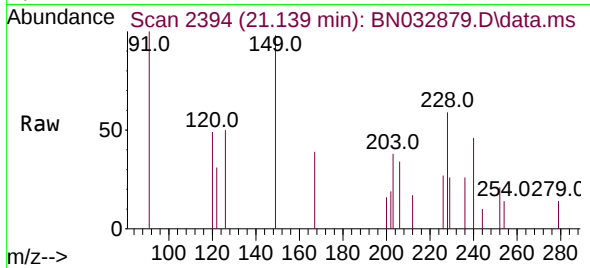
Tgt Ion:244 Resp: 8568
 Ion Ratio Lower Upper
 244 100
 212 10.8 7.5 11.3
 122 19.2 12.6 19.0#



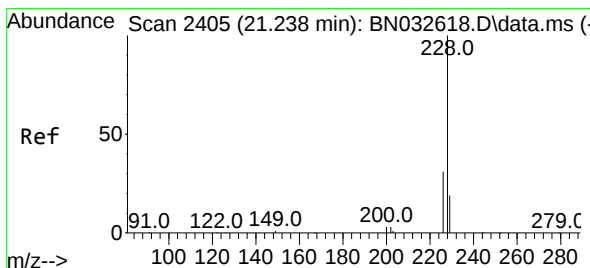
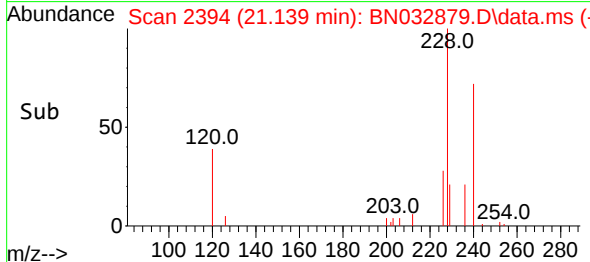
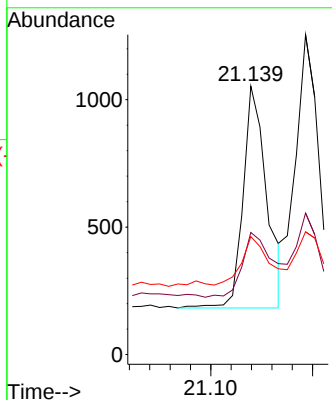


#32
Benzo(a)anthracene
Concen: 0.045 ng
RT: 21.139 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

Instrument :
BNA_N
ClientSampleId :

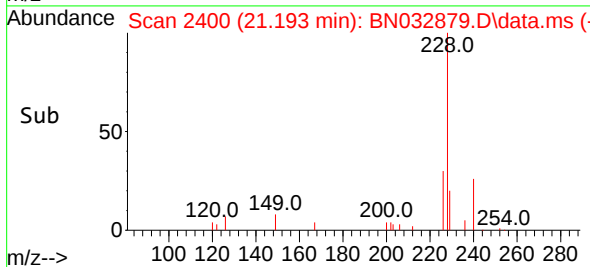
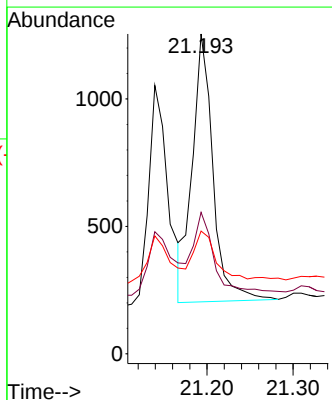
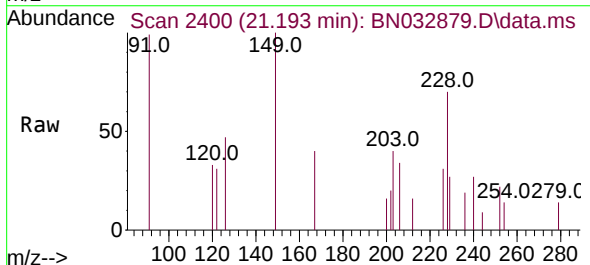


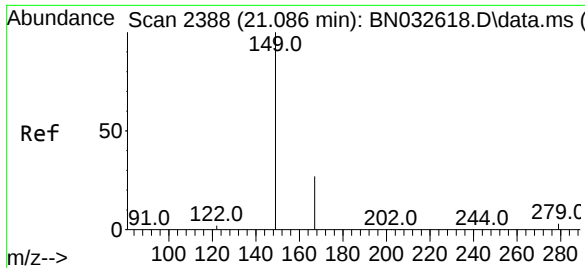
Tgt Ion:228 Resp: 1405
Ion Ratio Lower Upper
228 100
226 45.5 21.8 32.6#
229 44.0 16.0 24.0#



#33
Chrysene
Concen: 0.047 ng
RT: 21.193 min Scan# 2400
Delta R.T. -0.009 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

Tgt Ion:228 Resp: 1753
Ion Ratio Lower Upper
228 100
226 44.2 24.2 36.2#
229 38.4 16.0 24.0#

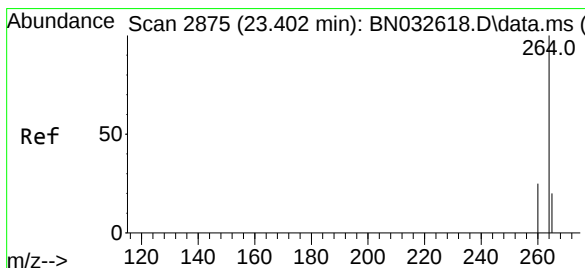
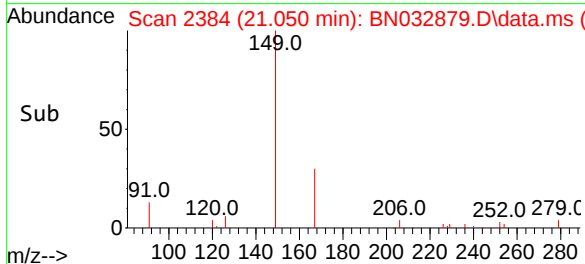
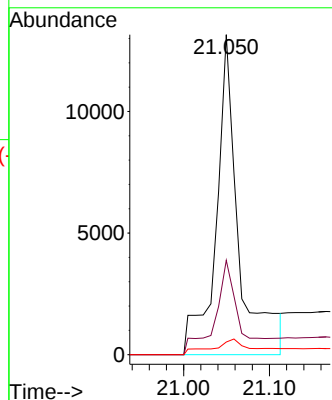
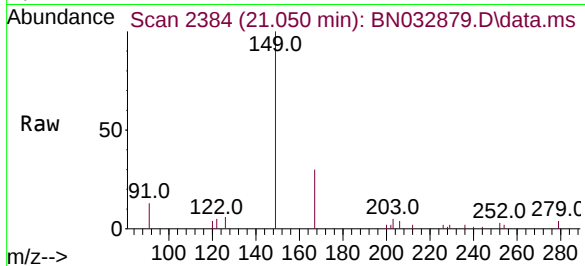




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.313 ng
 RT: 21.050 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN032879.D
 Acq: 20 Jul 2024 16:34

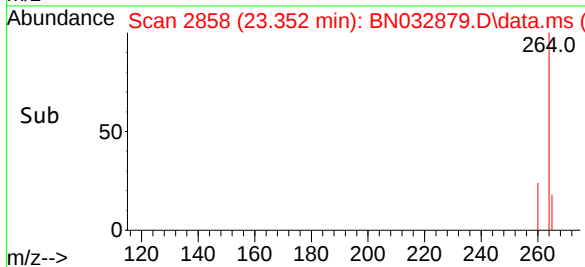
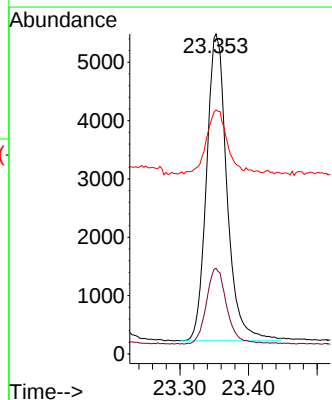
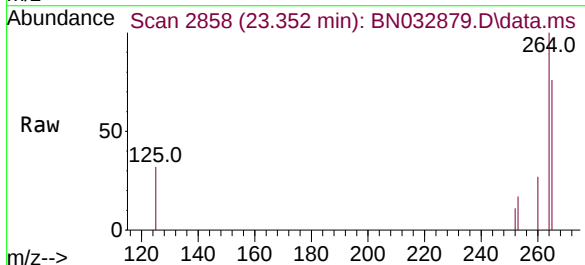
Instrument :
 BNA_N
 ClientSampleId :

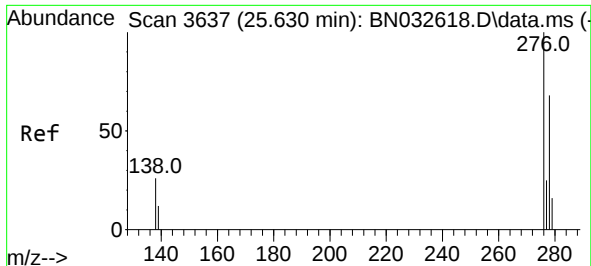
Tgt Ion:149 Resp: 22579
 Ion Ratio Lower Upper
 149 100
 167 30.6 21.4 32.2
 279 7.1 2.8 4.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.352 min Scan# 2858
 Delta R.T. -0.006 min
 Lab File: BN032879.D
 Acq: 20 Jul 2024 16:34

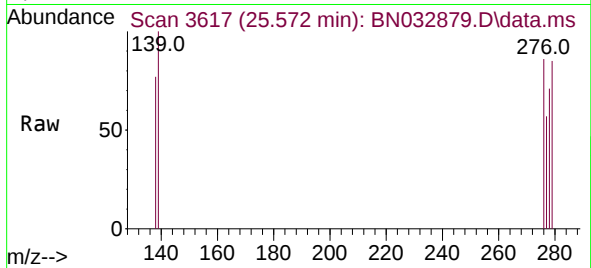
Tgt Ion:264 Resp: 10918
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.9 31.3
 265 76.2 85.4 128.2#



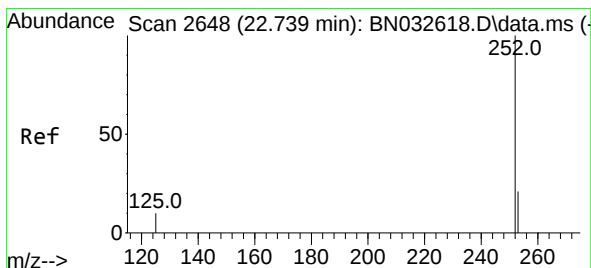
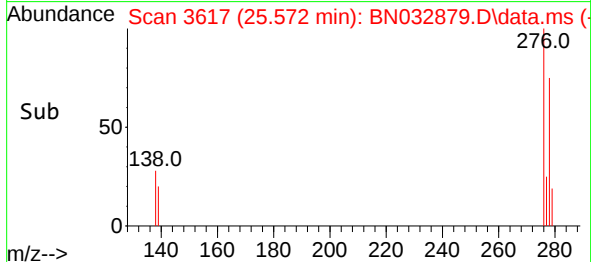
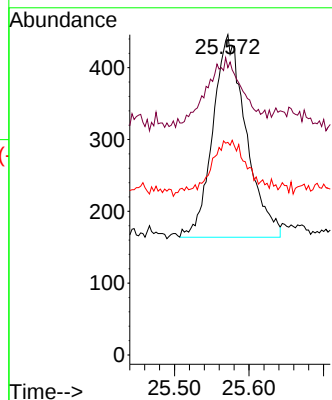


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 25.572 min Scan# 30
Delta R.T. 0.003 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

Instrument :
BNA_N
ClientSampleId :

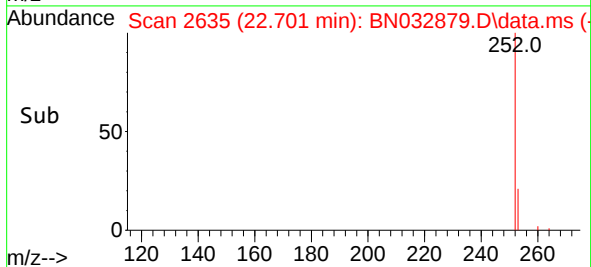
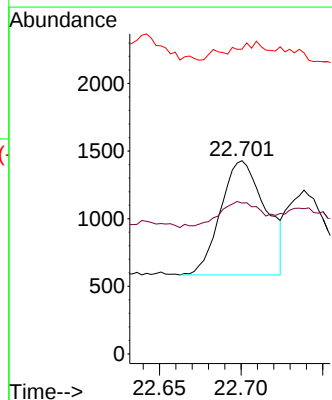
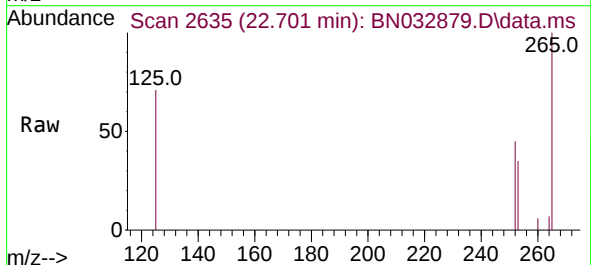


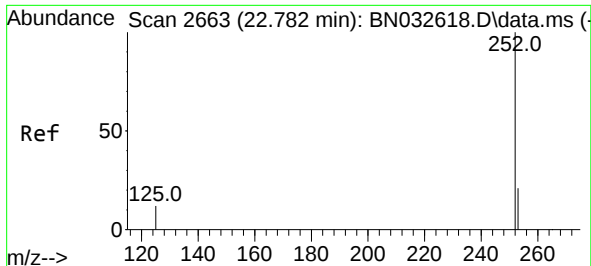
Tgt Ion:276 Resp: 878
Ion Ratio Lower Upper
276 100
138 0.0 21.0 31.4#
277 22.6 19.5 29.3



#37
Benzo(b)fluoranthene
Concen: 0.043 ng
RT: 22.701 min Scan# 2635
Delta R.T. -0.000 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

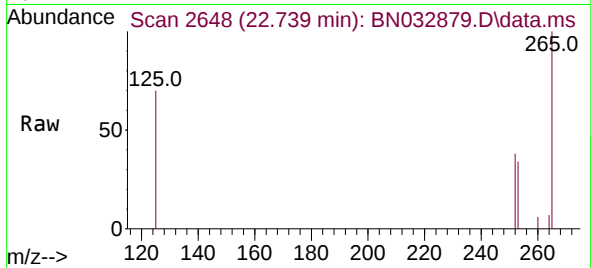
Tgt Ion:252 Resp: 1623
Ion Ratio Lower Upper
252 100
253 78.1 22.3 33.5#
125 157.7 15.4 23.2#



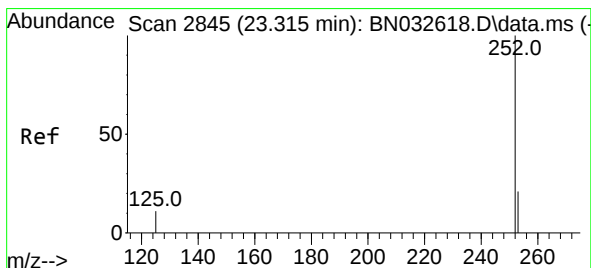
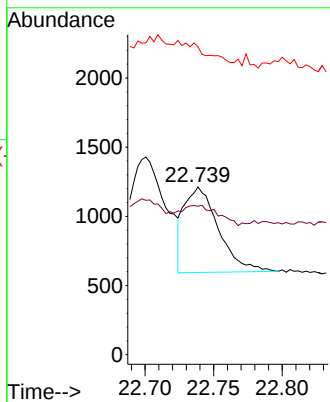
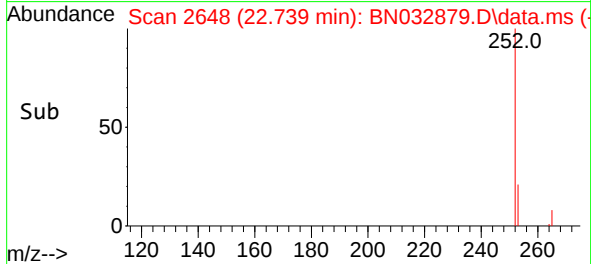


#38
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 22.739 min Scan# 2648
Delta R.T. -0.006 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:252 Resp: 1071
Ion Ratio Lower Upper
252 100
253 88.6 22.6 34.0#
125 183.7 16.2 24.4#



#39
Benzo(a)pyrene
Concen: 0.025 ng
RT: 23.256 min Scan# 2825
Delta R.T. -0.012 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

Tgt Ion:252 Resp: 846
Ion Ratio Lower Upper
252 100
253 106.6 25.8 38.8#
125 195.4 21.4 32.2#

