

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 :
 IDW-T1-01

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)

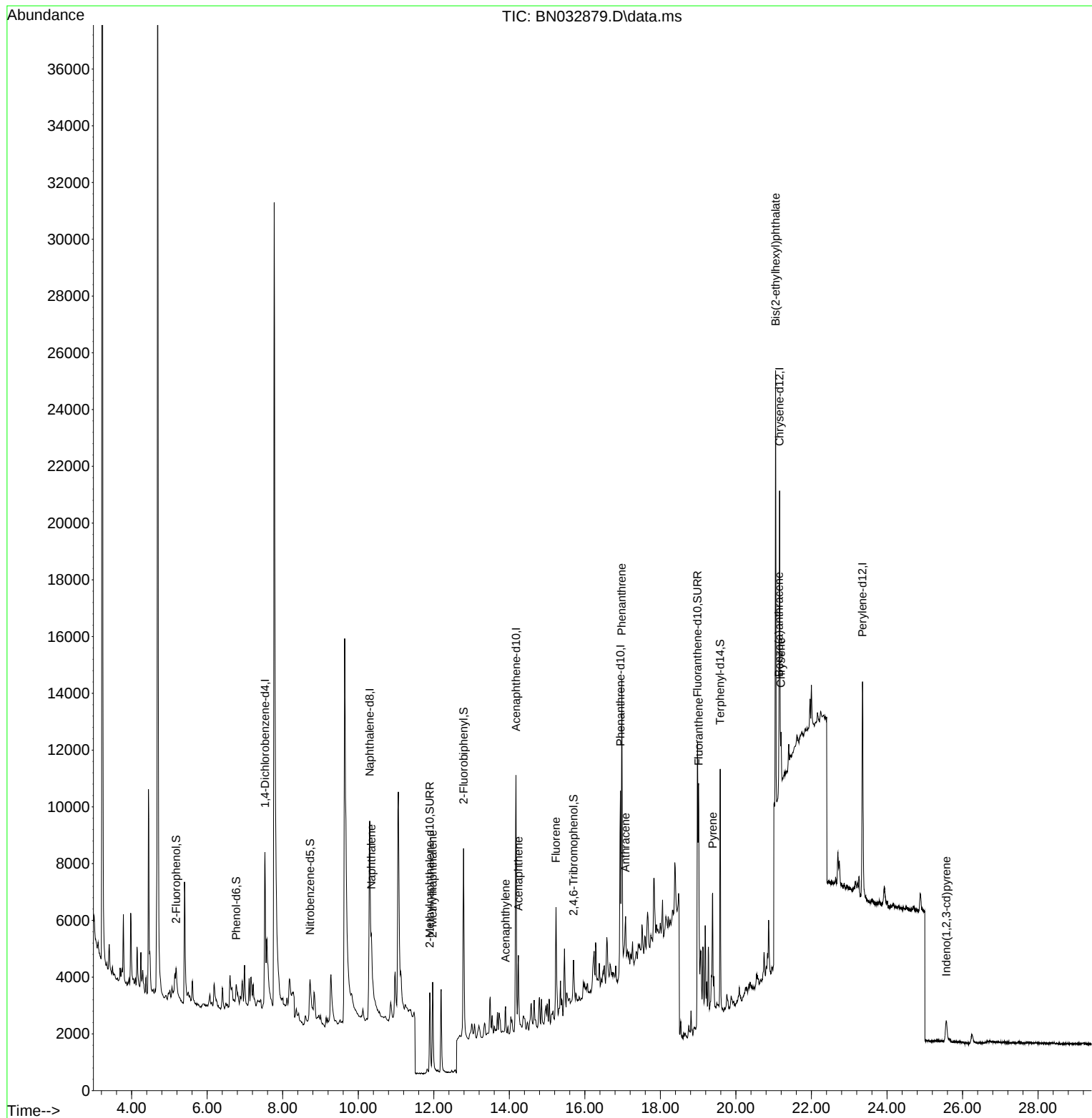
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.530	152	3406	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	10478	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	5828	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	10307	0.400	ng	-0.01
29) Chrysene-d12	21.157	240	9821	0.400	ng	0.00
35) Perylene-d12	23.352	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
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
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	13089m	0.761	ng	
36) Indeno(1,2,3-cd)pyrene	25.572	276	878	0.020	ng	# 72

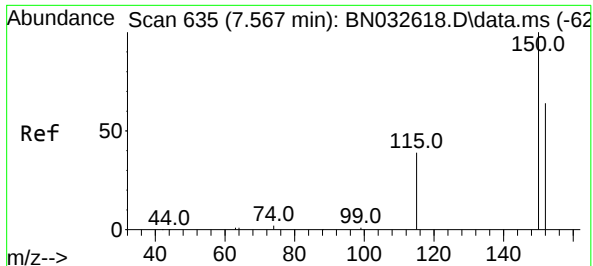
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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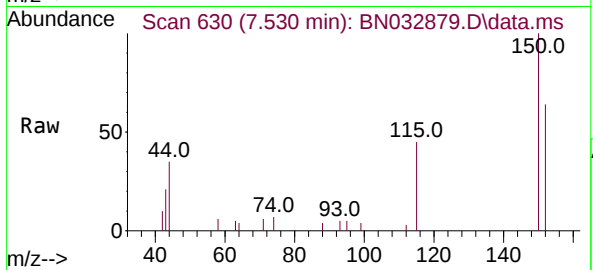
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
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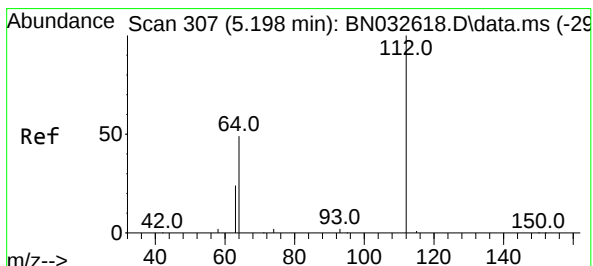
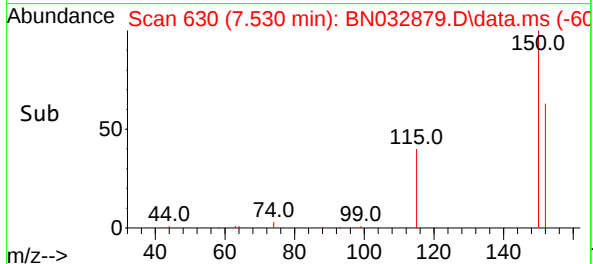
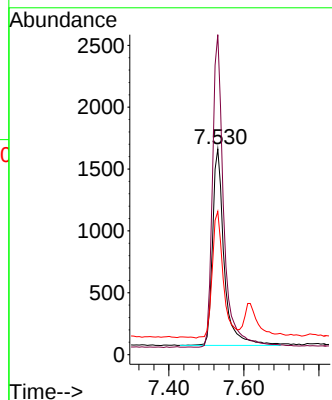


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.530 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

Instrument :
BNA_N
ClientSampleId :
IDW-T1-01

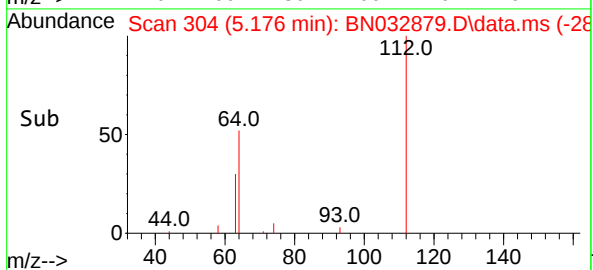
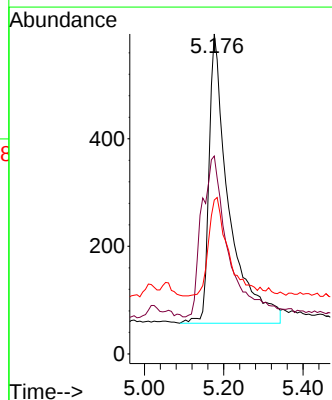
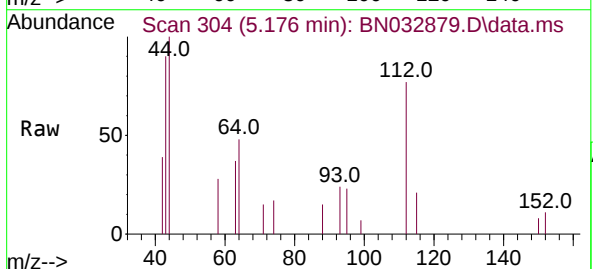


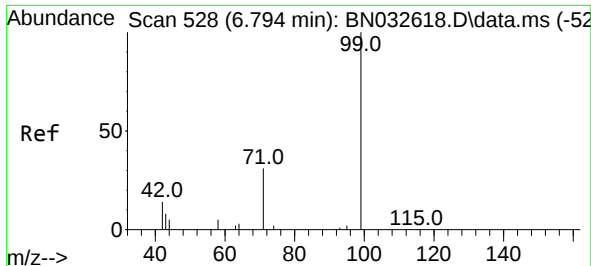
Tgt Ion:152 Resp: 3406
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.6
115 69.6 52.8 79.2



#4
2-Fluorophenol
Concen: 0.218 ng
RT: 5.176 min Scan# 304
Delta R.T. -0.000 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

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#

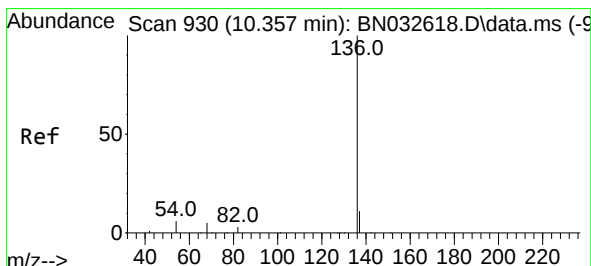
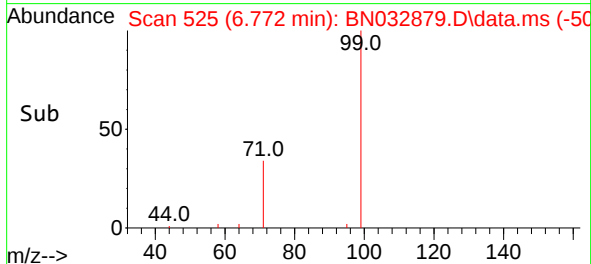
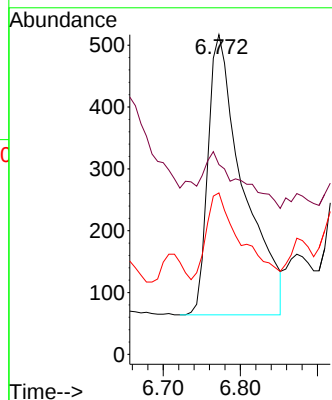
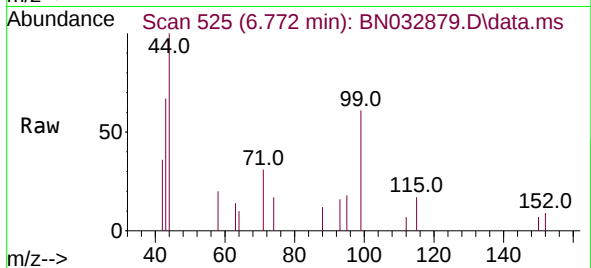




#5
Phenol-d6
Concen: 0.134 ng
RT: 6.772 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

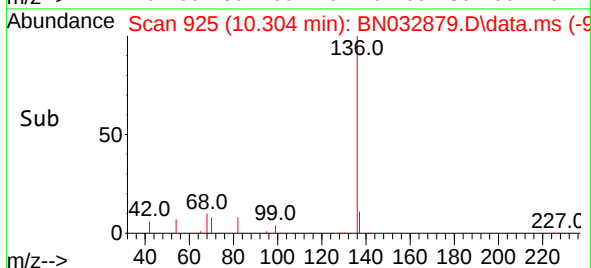
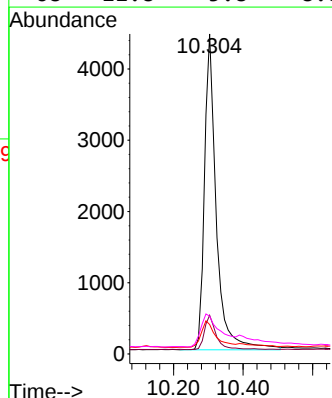
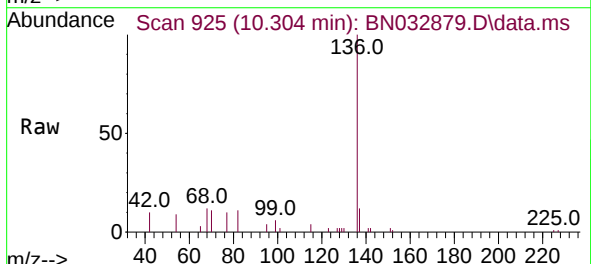
Instrument :
BNA_N
ClientSampleId :
IDW-T1-01

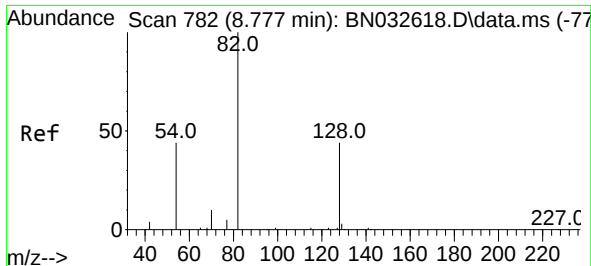
Tgt Ion: 99 Resp: 1430
Ion Ratio Lower Upper
99 100
42 19.9 10.5 15.7#
71 29.8 22.3 33.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

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#

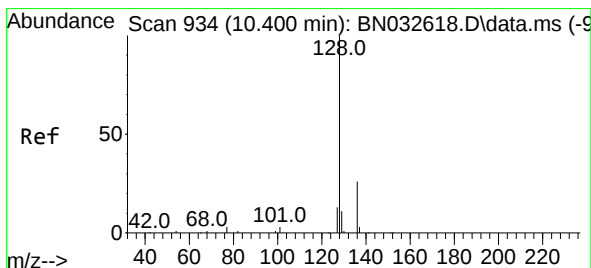
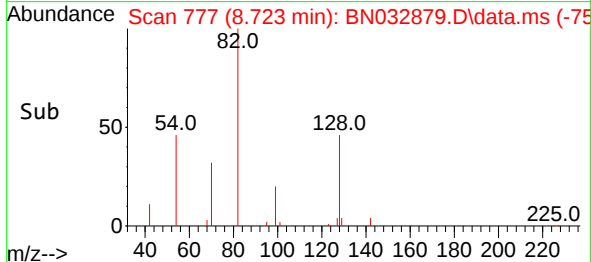
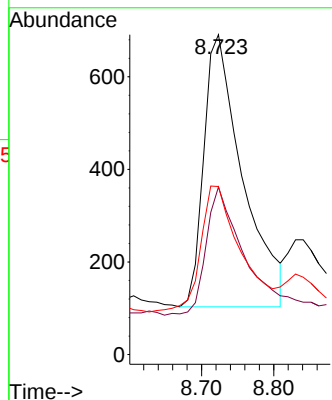
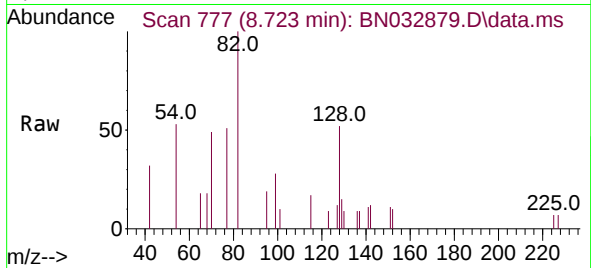




#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 8.723 min Scan# 711
Delta R.T. -0.011 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

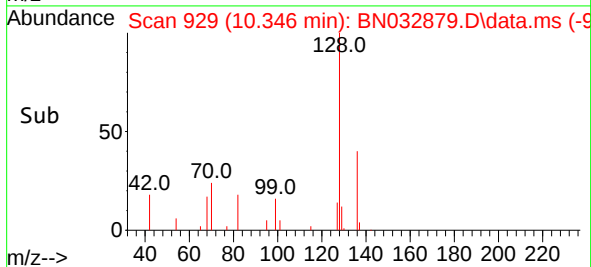
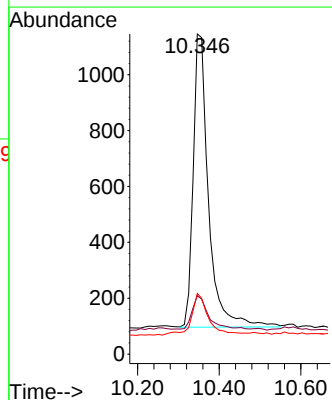
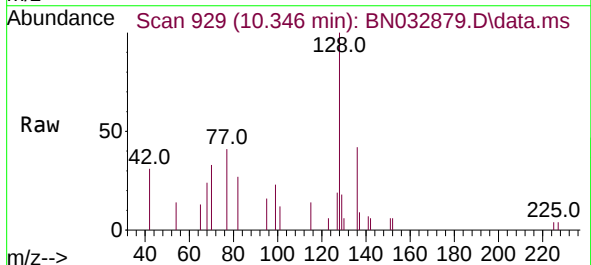
Instrument :
BNA_N
ClientSampleId :
IDW-T1-01

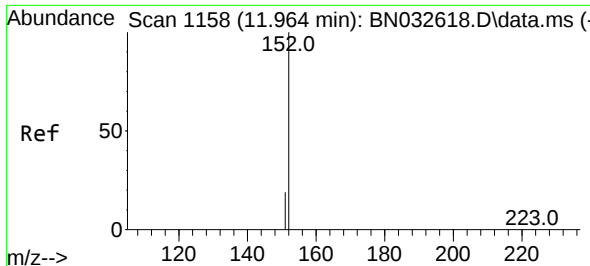
Tgt Ion: 82 Resp: 2193
Ion Ratio Lower Upper
82 100
128 52.4 41.7 62.5
54 52.5 39.5 59.3



#9
Naphthalene
Concen: 0.094 ng
RT: 10.346 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

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#

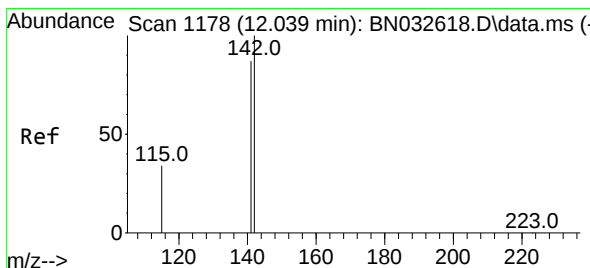
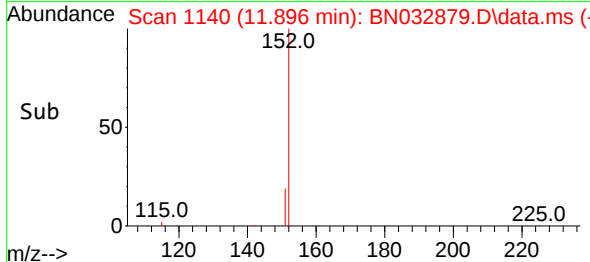
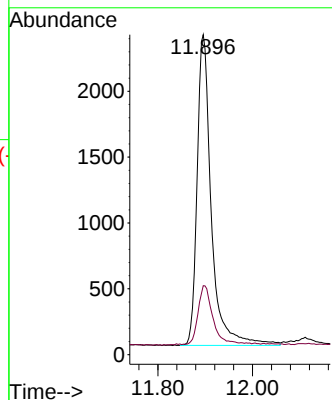
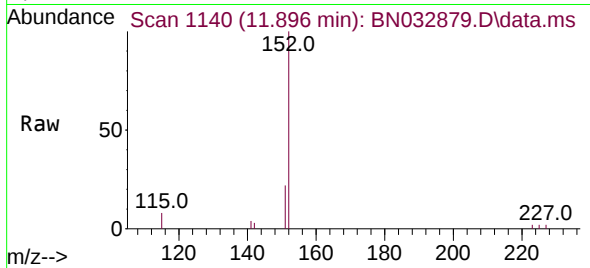




#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 11.896 min Scan# 1158
Delta R.T. -0.019 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

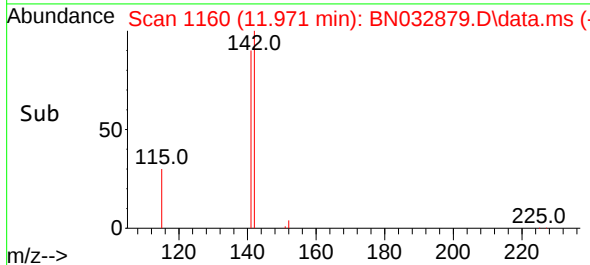
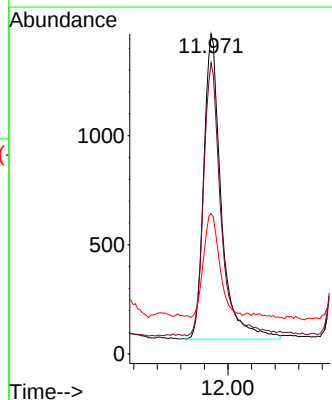
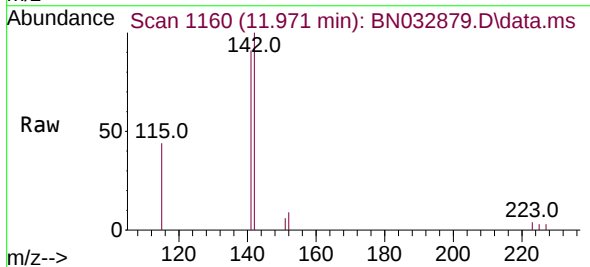
Instrument :
BNA_N
ClientSampleId :
IDW-T1-01

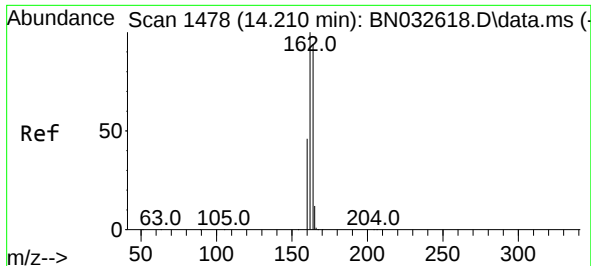
Tgt Ion:152 Resp: 4921
Ion Ratio Lower Upper
152 100
151 19.2 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.151 ng
RT: 11.971 min Scan# 1160
Delta R.T. -0.019 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

Tgt Ion:142 Resp: 2871
Ion Ratio Lower Upper
142 100
141 90.9 69.3 103.9
115 43.9 29.5 44.3

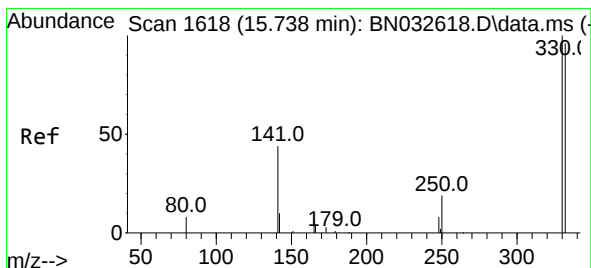
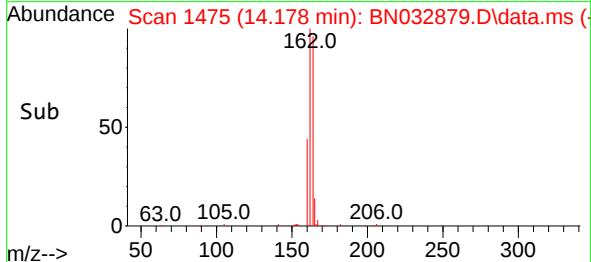
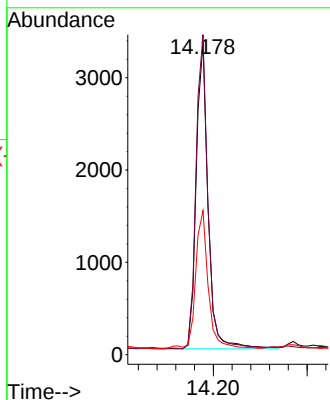
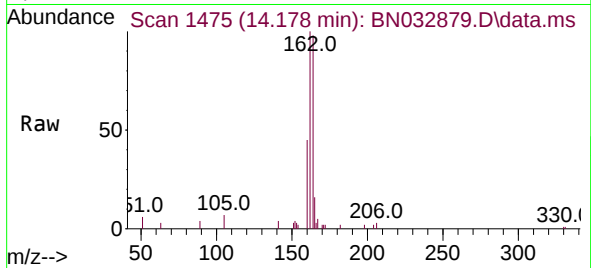




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.178 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN032879.D
 Acq: 20 Jul 2024 16:34

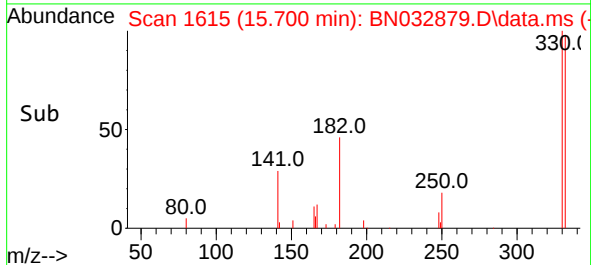
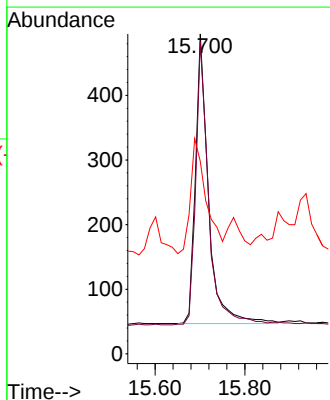
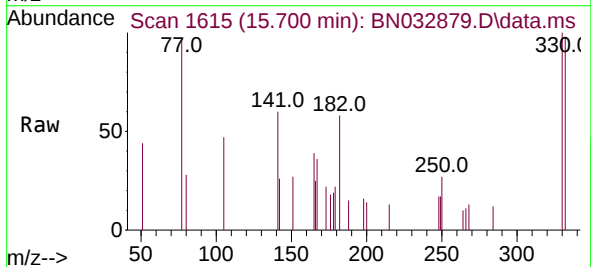
Instrument :
 BNA_N
 ClientSampleId :
 IDW-T1-01

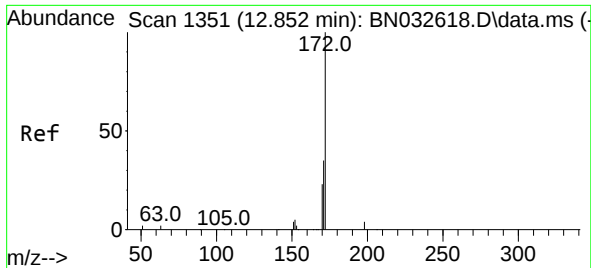
Tgt Ion:164 Resp: 5828
 Ion Ratio Lower Upper
 164 100
 162 102.5 85.0 127.4
 160 46.2 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.363 ng
 RT: 15.700 min Scan# 1615
 Delta R.T. -0.025 min
 Lab File: BN032879.D
 Acq: 20 Jul 2024 16:34

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

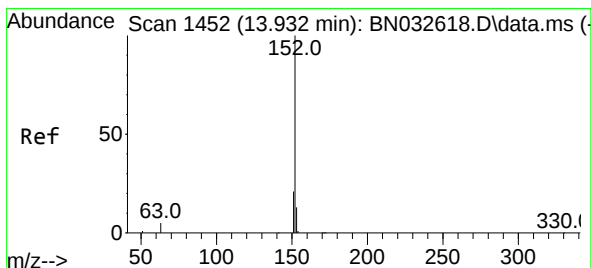
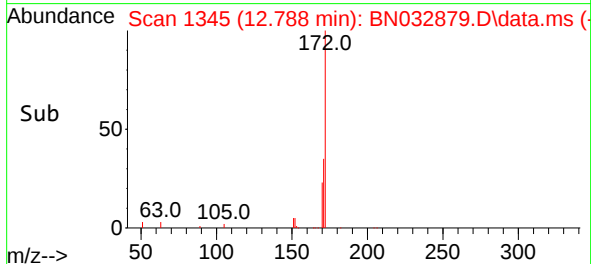
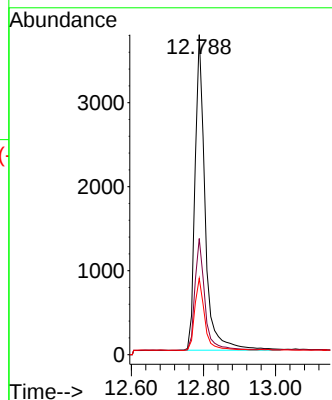
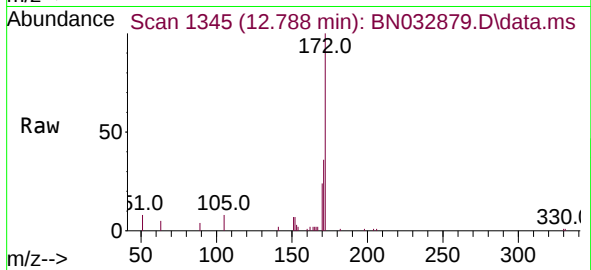




#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 12.788 min Scan# 1449
Delta R.T. -0.021 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

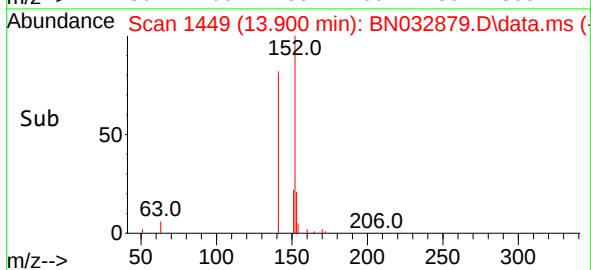
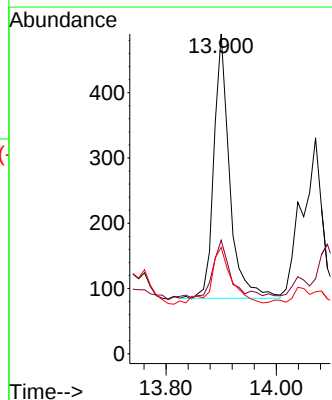
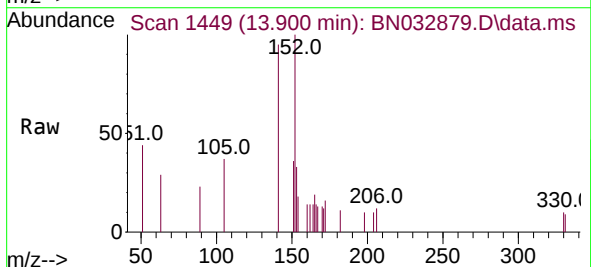
Instrument :
BNA_N
ClientSampleId :
IDW-T1-01

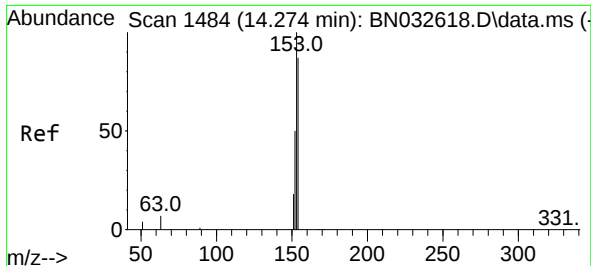
Tgt Ion:172 Resp: 7339
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 23.8 19.0 28.6



#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

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#

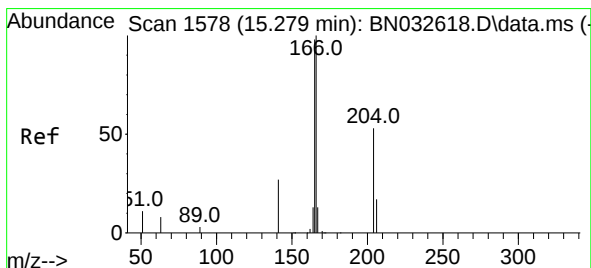
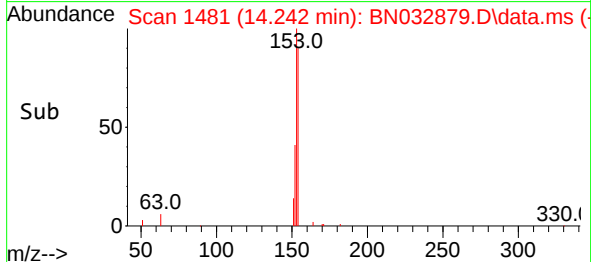
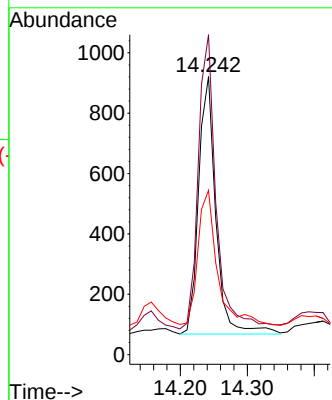
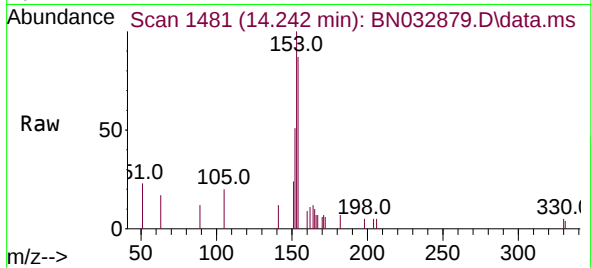




#17
Acenaphthene
Concen: 0.091 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

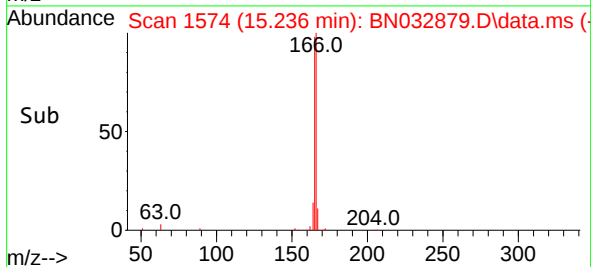
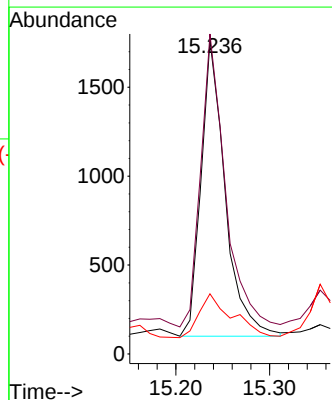
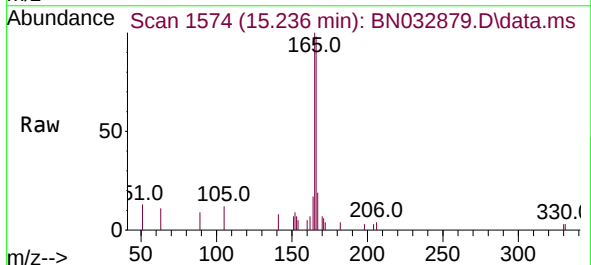
Instrument :
BNA_N
ClientSampleId :
IDW-T1-01

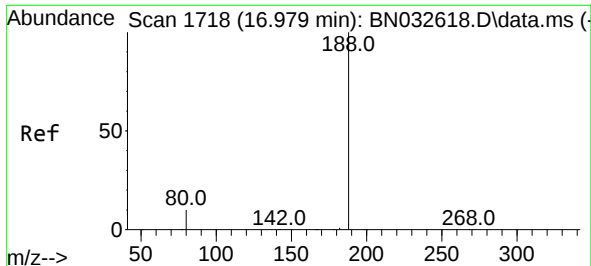
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Ion Ratio Lower Upper
154 100
153 117.5 91.8 137.8
152 58.6 45.2 67.8



#18
Fluorene
Concen: 0.132 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.011 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

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#

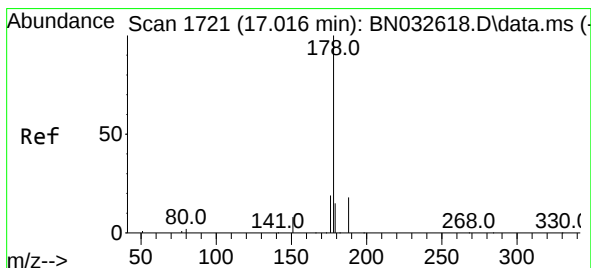
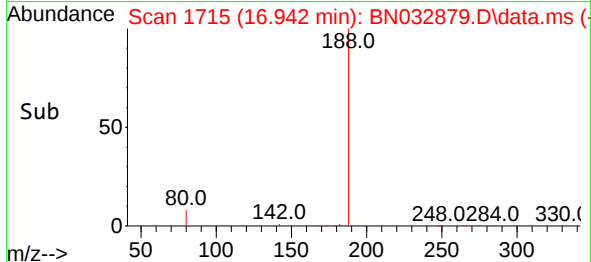
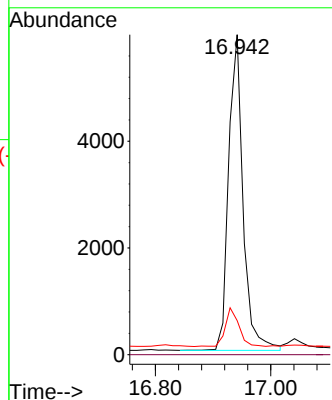
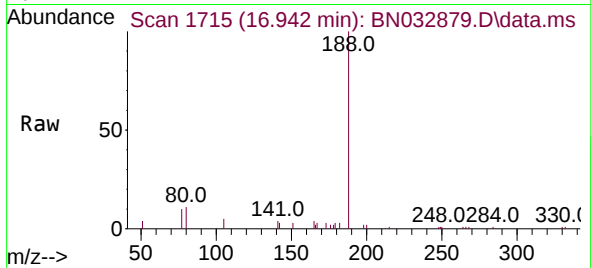




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

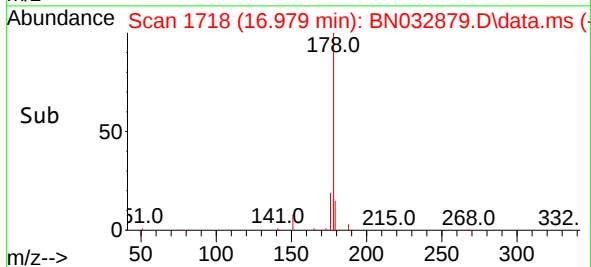
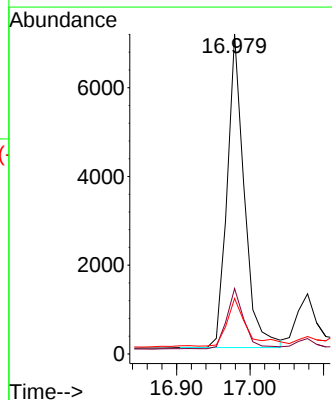
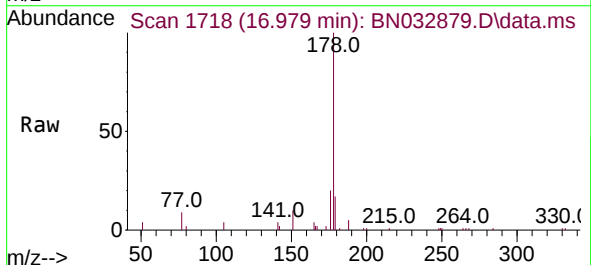
Instrument :
BNA_N
ClientSampleId :
IDW-T1-01

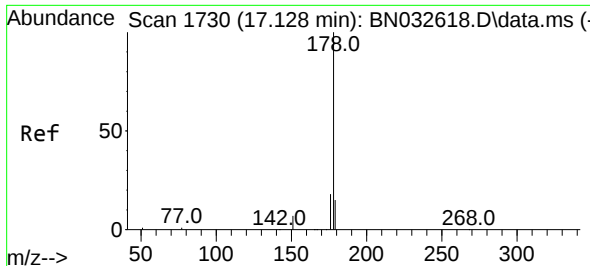
Tgt Ion:188 Resp: 10307
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 8.8 13.2



#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

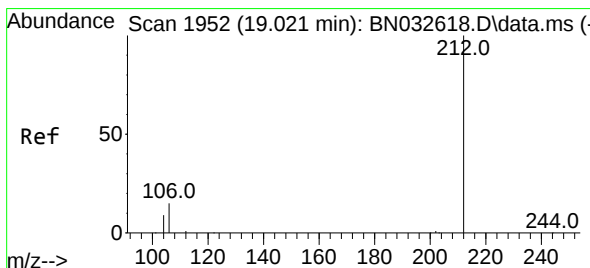
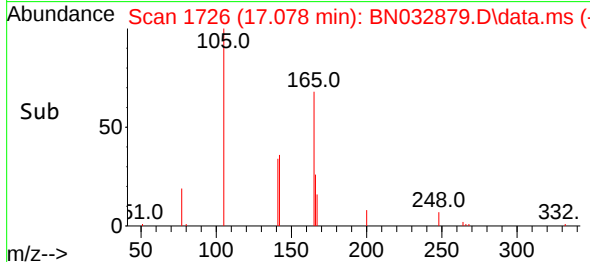
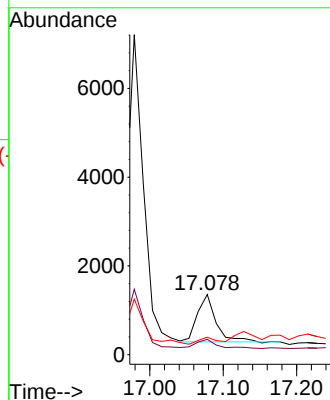
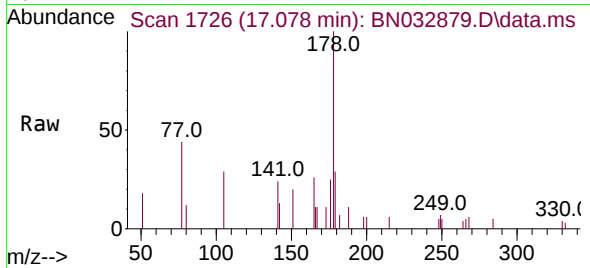




#26
 Anthracene
 Concen: 0.080 ng
 RT: 17.078 min Scan# 1726
 Delta R.T. -0.012 min
 Lab File: BN032879.D
 Acq: 20 Jul 2024 16:34

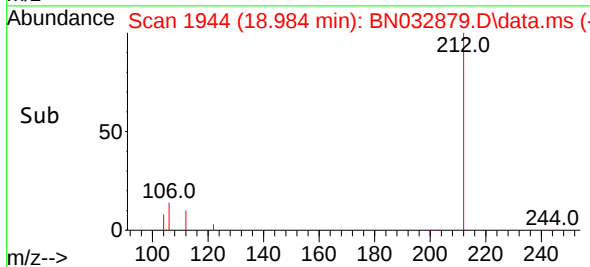
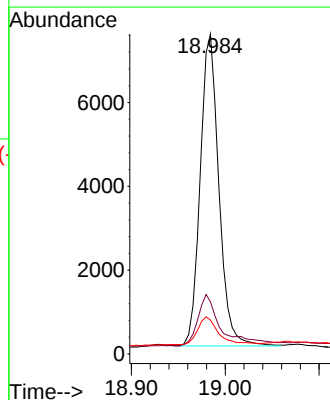
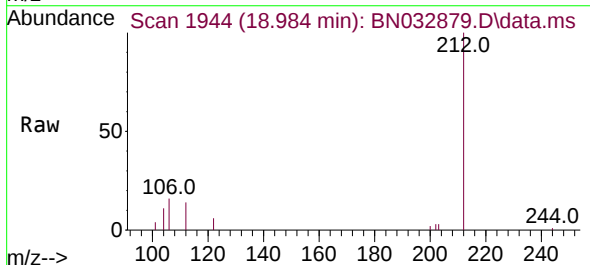
Instrument :
 BNA_N
 ClientSampleId :
 IDW-T1-01

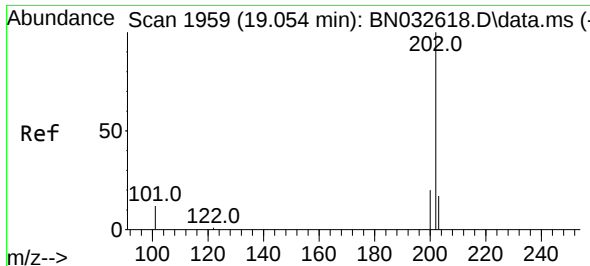
Tgt Ion:	178	Resp:	1865
Ion Ratio	Lower	Upper	
178	100		
176	21.2	14.8	22.2
179	15.4	11.8	17.8



#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#

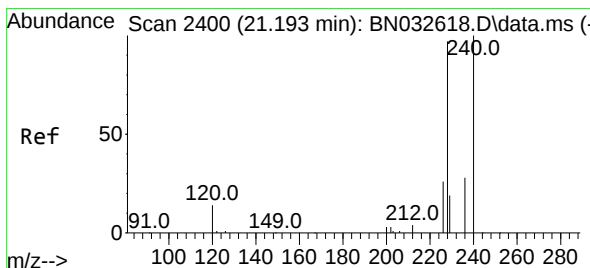
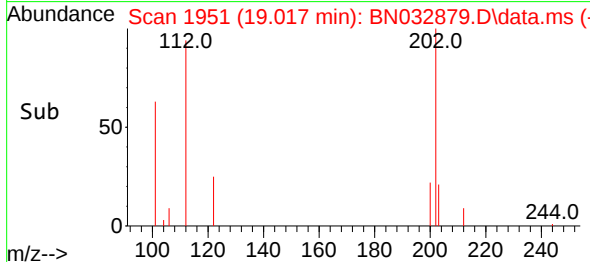
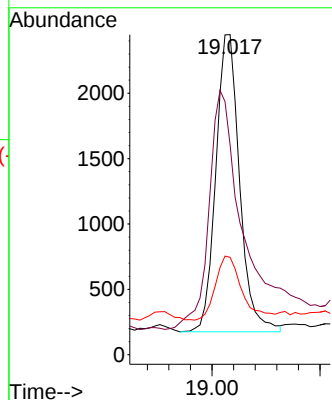
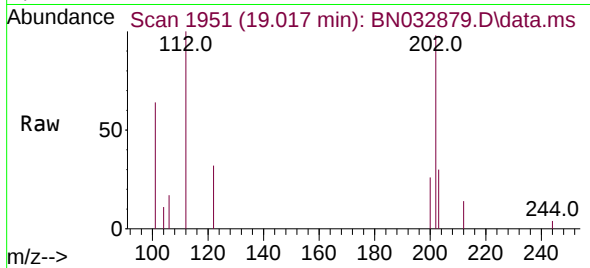




#28
Fluoranthene
Concen: 0.102 ng
RT: 19.017 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

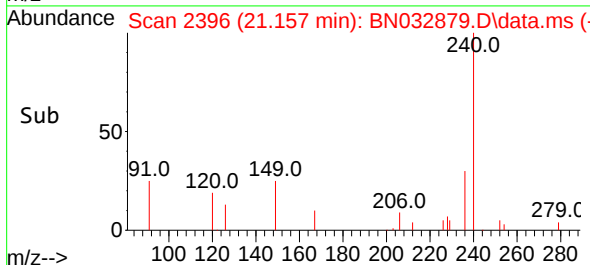
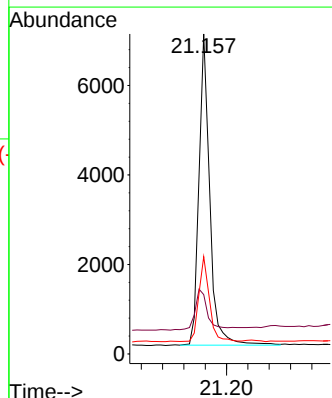
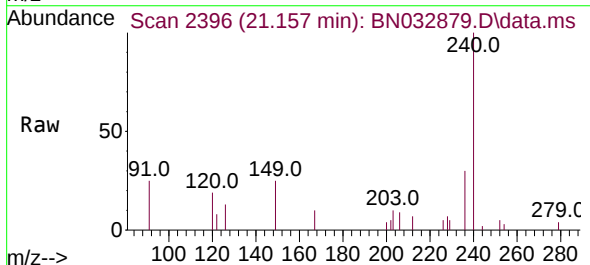
Instrument :
BNA_N
ClientSampleId :
IDW-T1-01

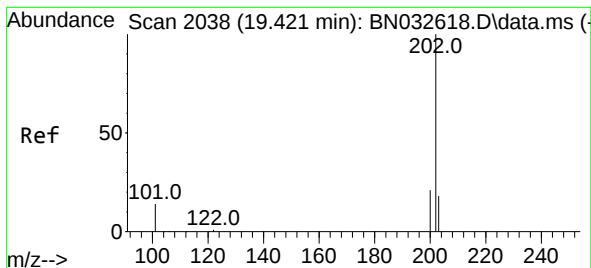
Tgt Ion:202 Resp: 3483
Ion Ratio Lower Upper
202 100
101 126.8 9.6 14.4#
203 24.2 13.8 20.6#



#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# 2038

Delta R.T. -0.005 min

Lab File: BN032879.D

Acq: 20 Jul 2024 16:34

Instrument :

BNA_N

ClientSampleId :

IDW-T1-01

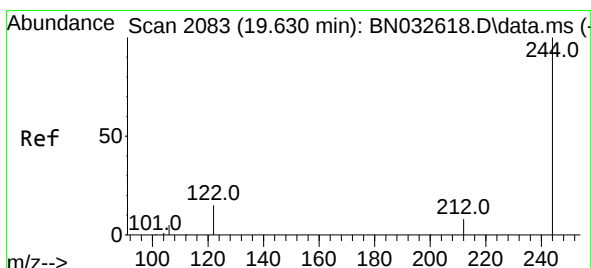
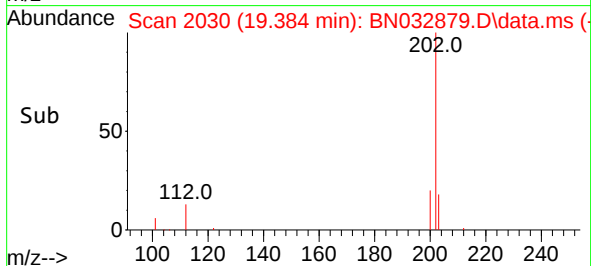
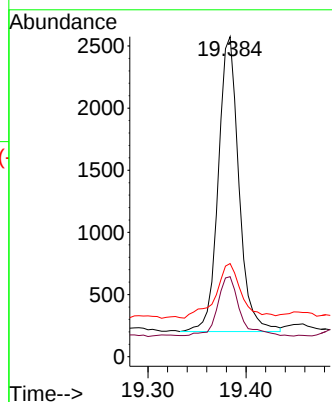
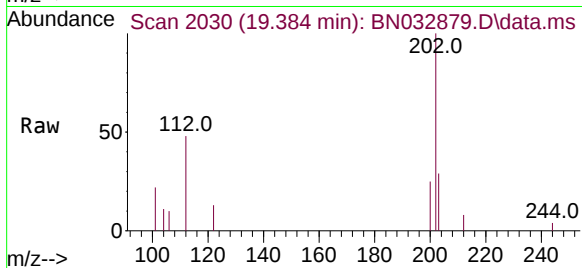
Tgt Ion:202 Resp: 3468

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

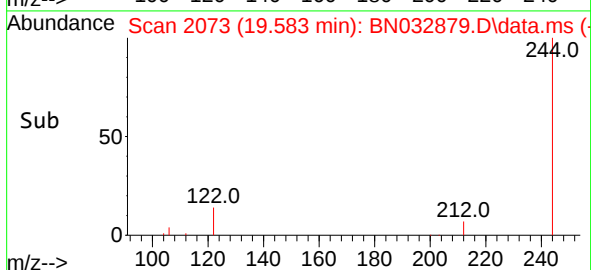
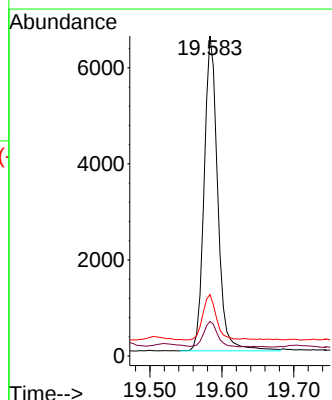
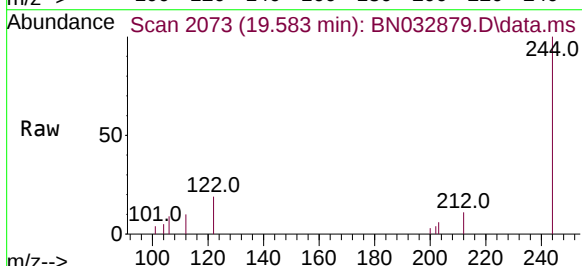
Tgt Ion:244 Resp: 8568

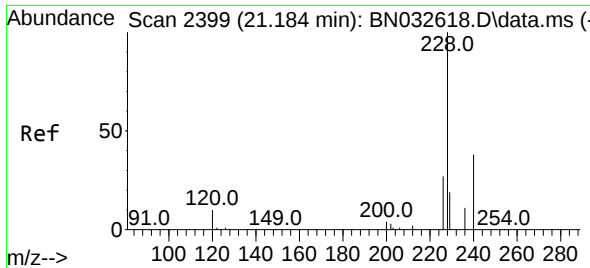
Ion Ratio Lower Upper

244 100

212 10.8 7.5 11.3

122 19.2 12.6 19.0#

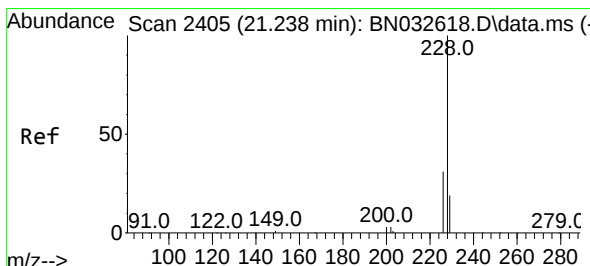
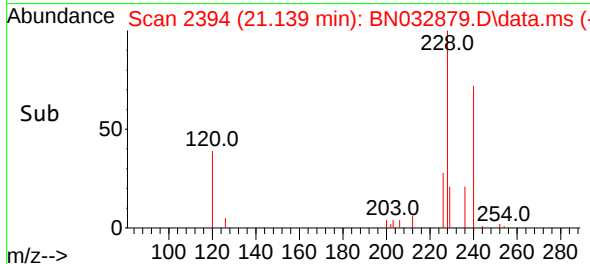
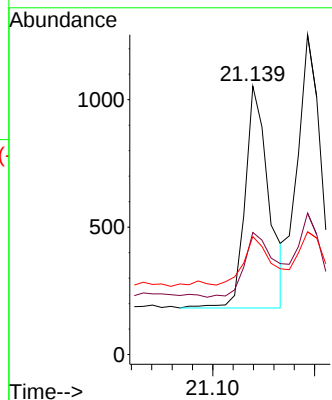
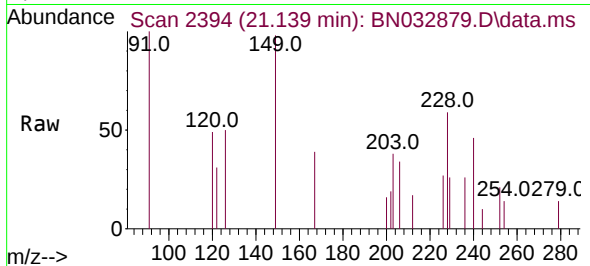




#32
Benzo(a)anthracene
Concen: 0.045 ng
RT: 21.139 min Scan# 211
Delta R.T. -0.009 min
Lab File: BN032879.D
Acq: 20 Jul 2024 16:34

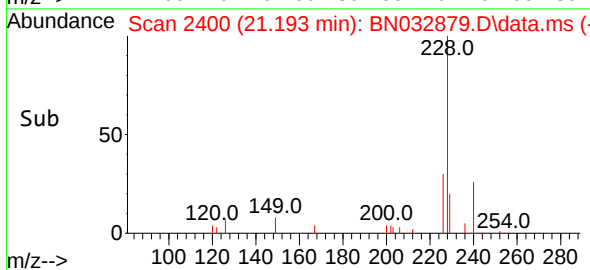
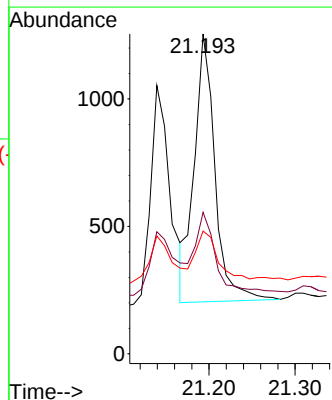
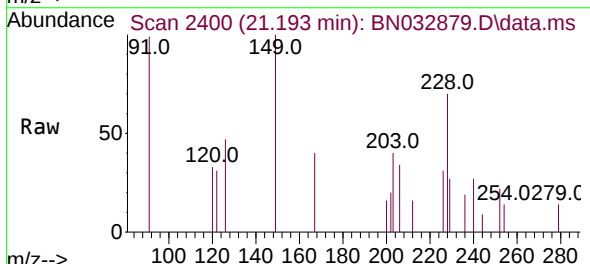
Instrument :
BNA_N
ClientSampleId :
IDW-T1-01

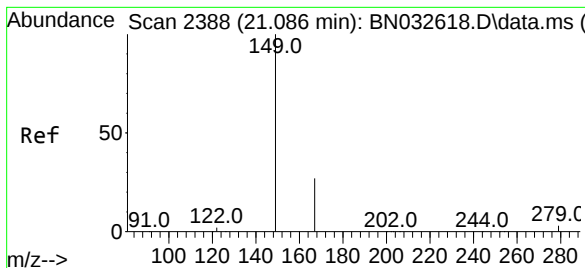
Tgt Ion:228 Resp: 1405
Ion Ratio Lower Upper
228 100
226 45.5 21.8 32.6#
229 44.0 16.0 24.0#



#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#

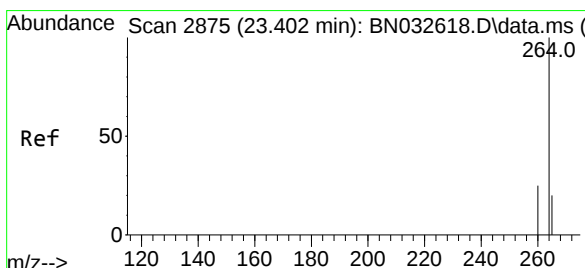
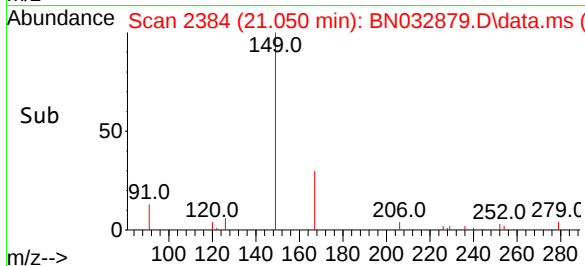
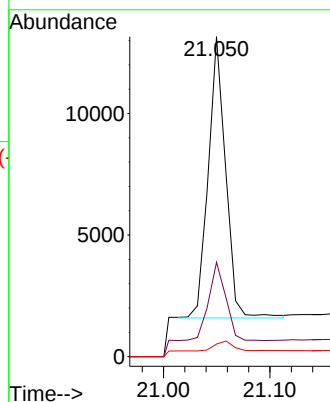
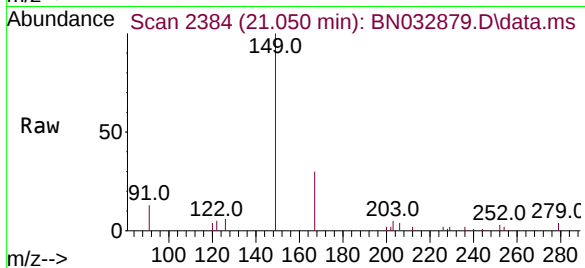




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.761 ng m
 RT: 21.050 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BN032879.D
 Acq: 20 Jul 2024 16:34

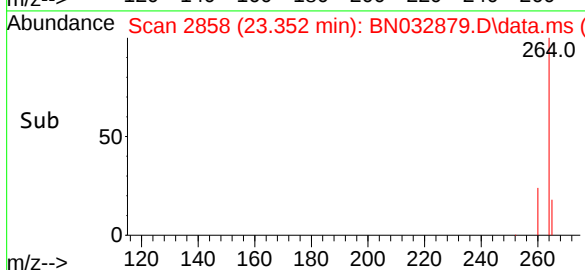
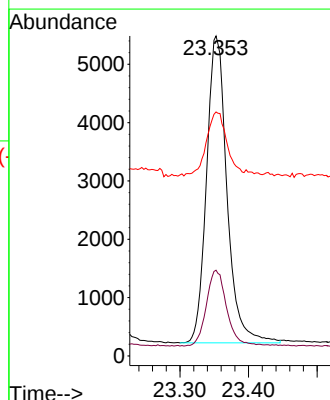
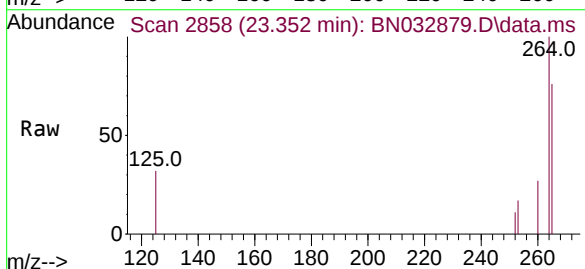
Instrument :
 BNA_N
 ClientSampleId :
 IDW-T1-01

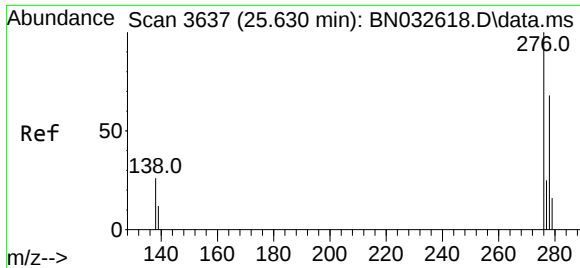
Tgt Ion:149 Resp: 13089
 Ion Ratio Lower Upper
 149 100
 167 52.7 21.4 32.2#
 279 12.2 2.8 4.2#



#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

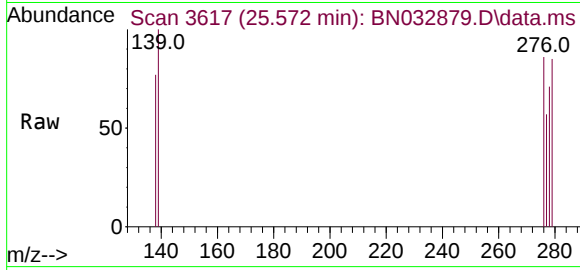
Tgt Ion:264 Resp: 10918
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.9 31.3
 265 76.2 85.4 128.2#





#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 :
 IDW-T1-01



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

