

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
 Data File : BN028442.D
 Acq On : 03 Nov 2023 04:08
 Operator : MA/JU
 Sample : PB156863BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156863BL

Quant Time: Nov 03 04:41:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 06:26:50 2023
 Response via : Initial Calibration

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

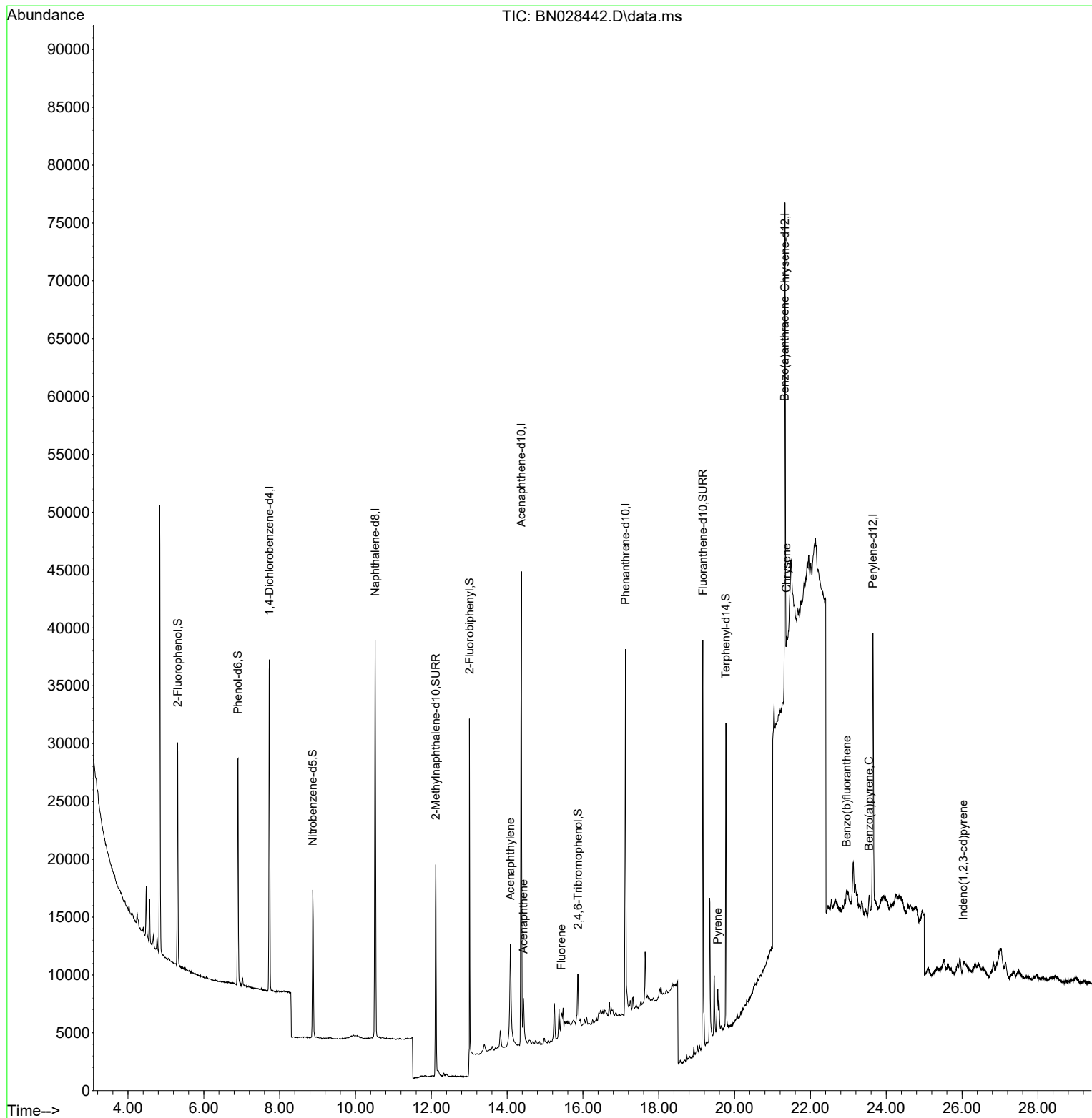
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	13969	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	43877	0.400	ng	# 0.00
13) Acenaphthene-d10	14.374	164	23166	0.400	ng	0.01
19) Phenanthrene-d10	17.121	188	42805	0.400	ng	# 0.00
29) Chrysene-d12	21.328	240	28363	0.400	ng	# 0.00
35) Perylene-d12	23.649	264	30848	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	15304	0.420	ng	0.01
5) Phenol-d6	6.901	99	18856	0.408	ng	0.01
8) Nitrobenzene-d5	8.875	82	9904	0.349	ng	0.00
11) 2-Methylnaphthalene-d10	12.117	152	24457	0.390	ng	0.00
14) 2,4,6-Tribromophenol	15.867	330	2881	0.319	ng	0.01
15) 2-Fluorobiphenyl	13.006	172	13777	0.501	ng	0.00
27) Fluoranthene-d10	19.162	212	37365	0.353	ng	0.00
31) Terphenyl-d14	19.770	244	25619	0.429	ng	0.00
Target Compounds						
16) Acenaphthylene	14.086	152	22547	0.197	ng	97
17) Acenaphthene	14.428	154	3200	0.044	ng	93
18) Fluorene	15.433	166	3447	0.035	ng	# 10
30) Pyrene	19.556	202	3648	0.031	ng	# 58
32) Benzo(a)anthracene	21.319	228	3139	0.028	ng	# 1
33) Chrysene	21.364	228	2486	0.022	ng	# 1
36) Indeno(1,2,3-cd)pyrene	26.029	276	456	0.051	ng	# 72
37) Benzo(b)fluoranthene	22.953	252	2127	0.085	ng	# 1
39) Benzo(a)pyrene	23.549	252	2332	0.022	ng	# 1

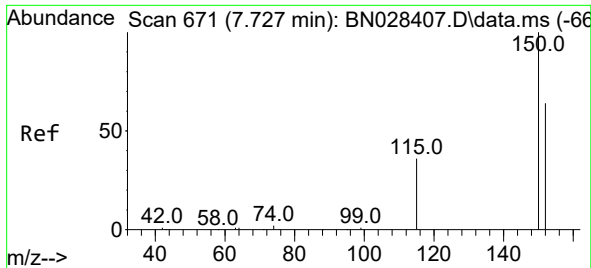
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
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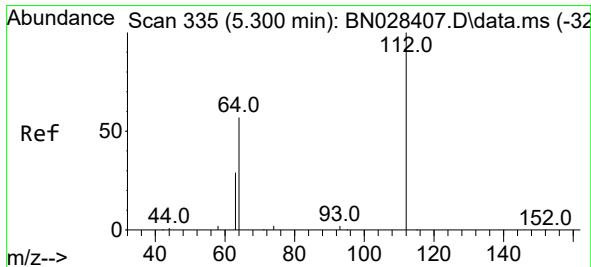
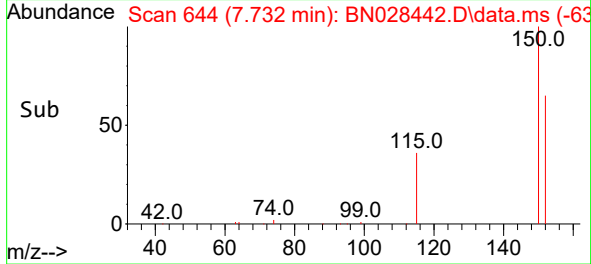
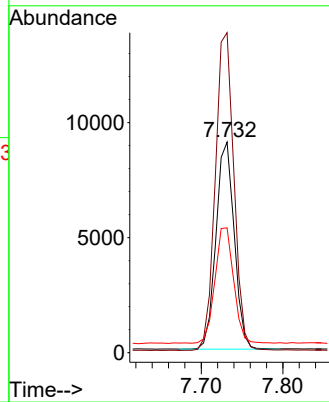
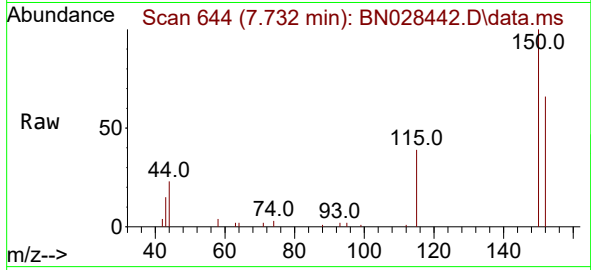




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 64
Delta R.T. 0.005 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

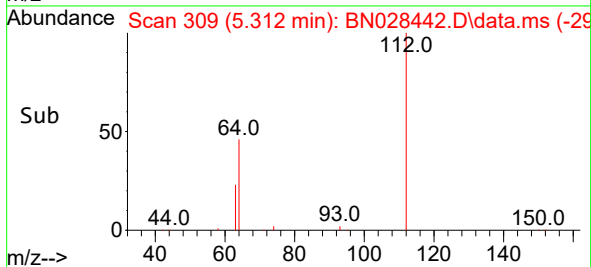
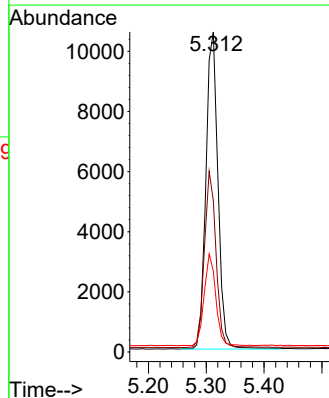
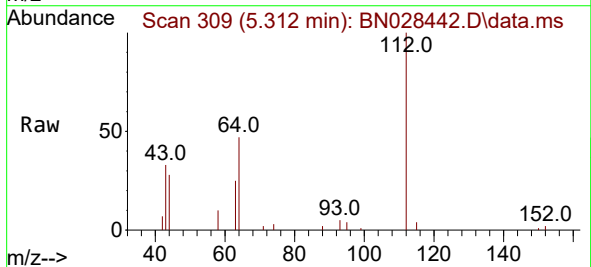
Instrument :
BNA_N
ClientSampleId :
PB156863BL

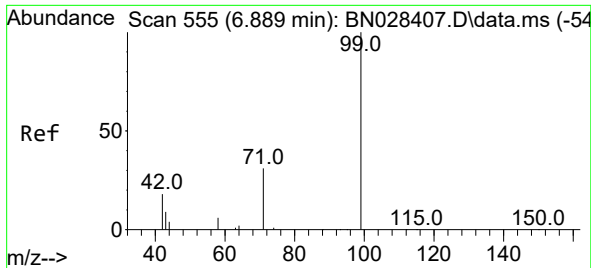
Tgt Ion:152 Resp: 13969
Ion Ratio Lower Upper
152 100
150 152.0 123.8 185.6
115 59.3 47.0 70.6



#4
2-Fluorophenol
Concen: 0.420 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.012 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

Tgt Ion:112 Resp: 15304
Ion Ratio Lower Upper
112 100
64 54.1 44.3 66.5
63 27.9 22.6 33.8

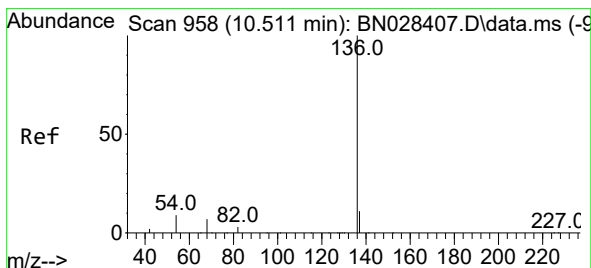
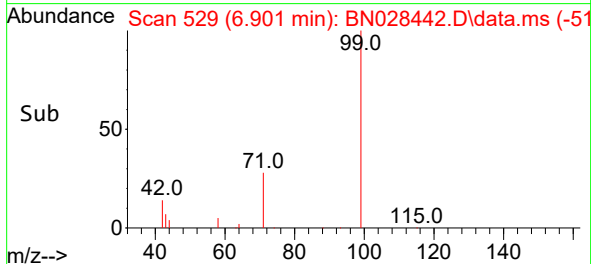
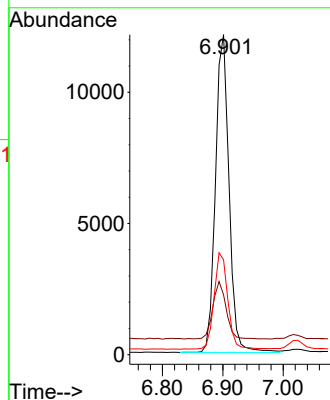
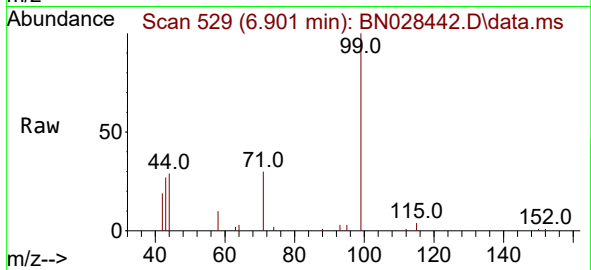




#5
Phenol-d6
Concen: 0.408 ng
RT: 6.901 min Scan# 511
Delta R.T. 0.012 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

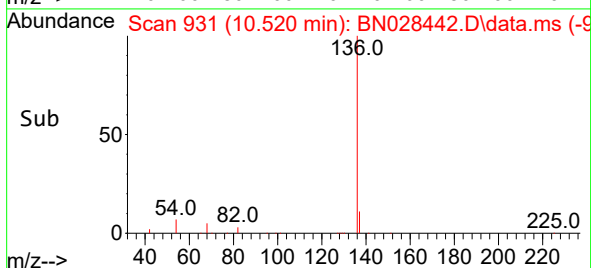
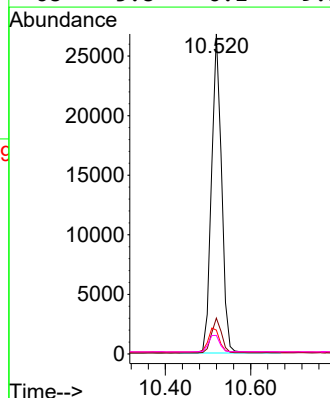
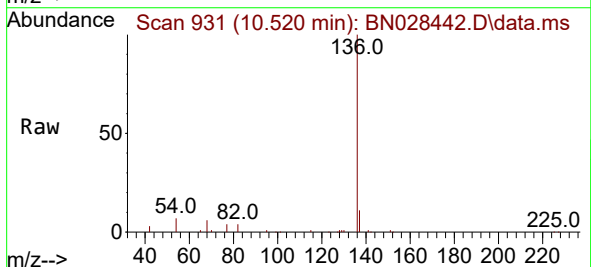
Instrument :
BNA_N
ClientSampleId :
PB156863BL

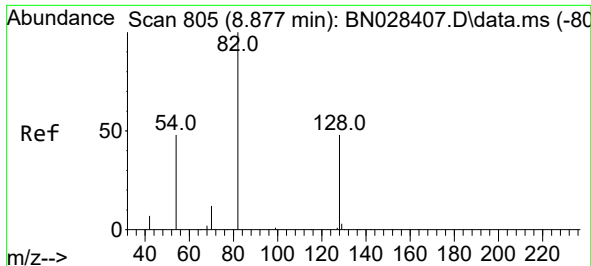
Tgt Ion: 99 Resp: 18856
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.0
71 30.8 24.4 36.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.009 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

Tgt Ion: 136 Resp: 43877
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.5 7.9 11.9#
68 5.8 6.1 9.1#

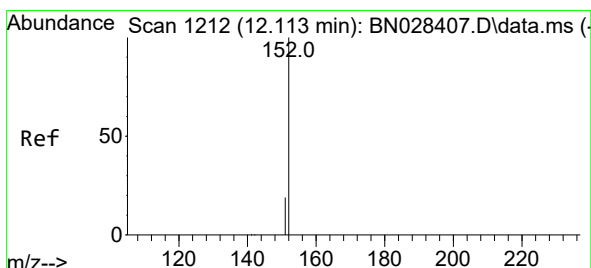
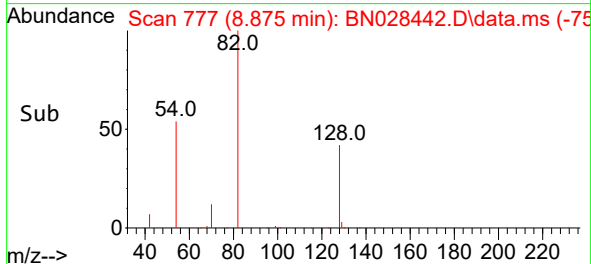
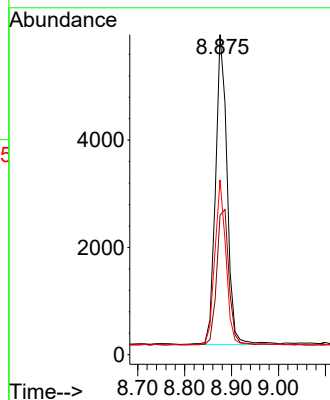
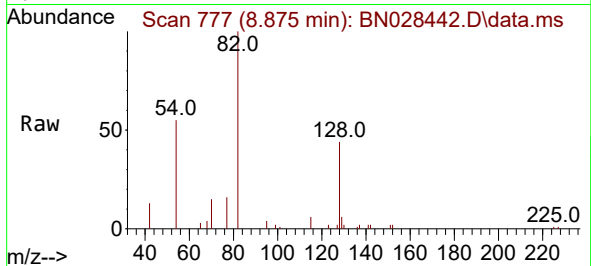




#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 8.875 min Scan# 71
Delta R.T. -0.002 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

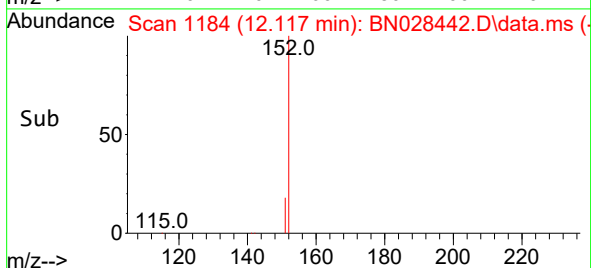
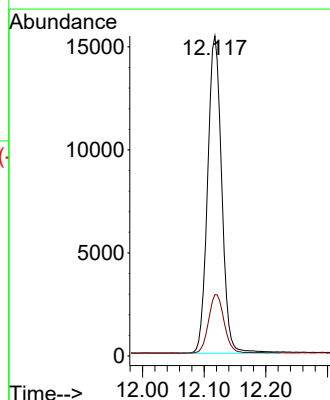
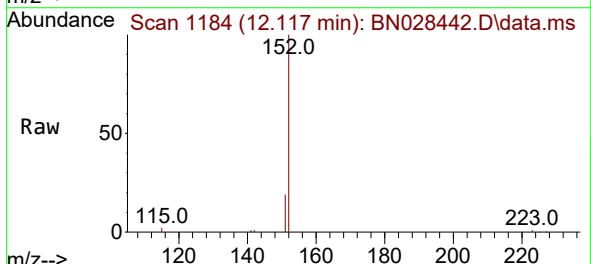
Instrument :
BNA_N
ClientSampleId :
PB156863BL

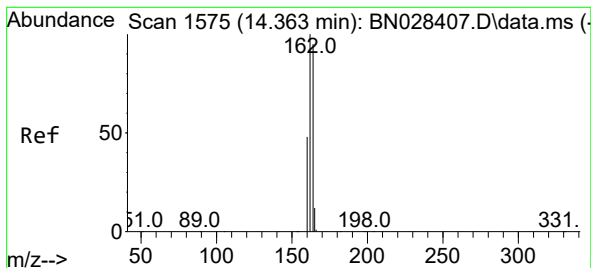
Tgt Ion: 82 Resp: 9904
Ion Ratio Lower Upper
82 100
128 43.6 38.8 58.2
54 54.6 40.3 60.5



#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.117 min Scan# 1184
Delta R.T. 0.005 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

Tgt Ion:152 Resp: 24457
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.374 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN028442.D

Acq: 03 Nov 2023 04:08

Instrument :

BNA_N

ClientSampleId :

PB156863BL

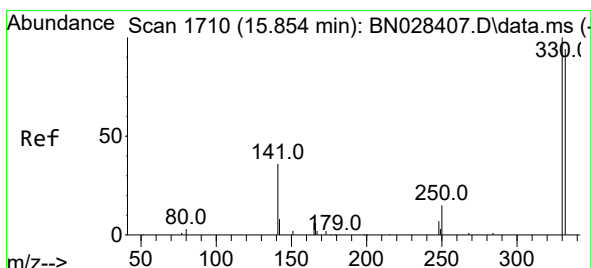
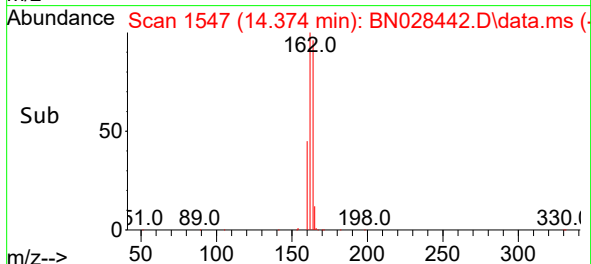
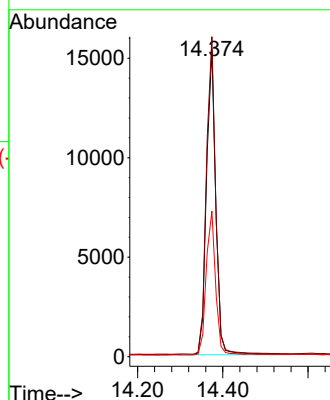
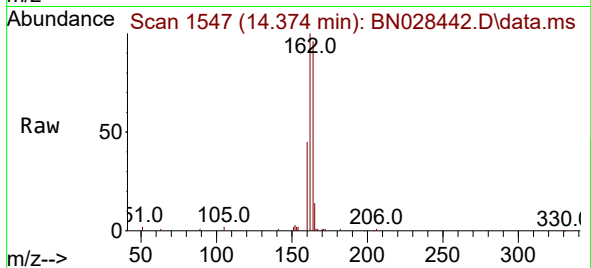
Tgt Ion:164 Resp: 23166

Ion Ratio Lower Upper

164 100

162 104.0 84.6 127.0

160 47.3 41.3 61.9



#14

2,4,6-Tribromophenol

Concen: 0.319 ng

RT: 15.867 min Scan# 1682

Delta R.T. 0.013 min

Lab File: BN028442.D

Acq: 03 Nov 2023 04:08

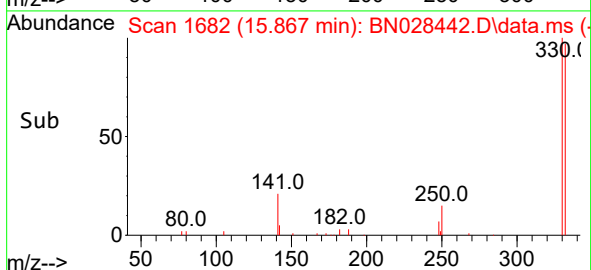
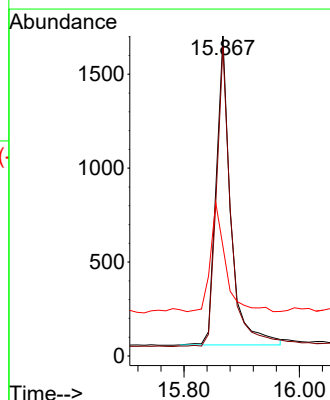
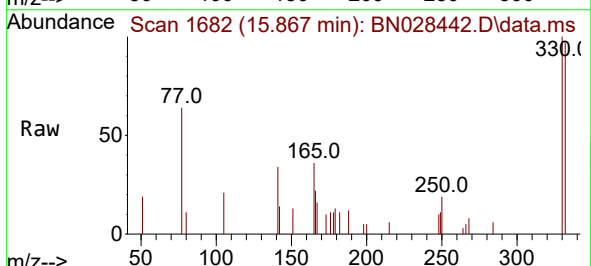
Tgt Ion:330 Resp: 2881

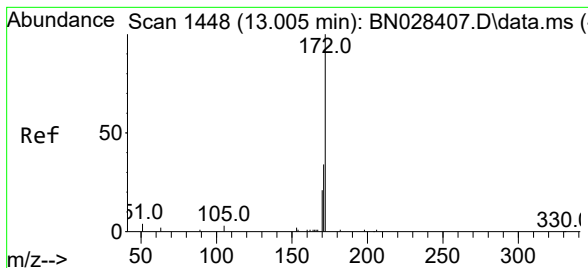
Ion Ratio Lower Upper

330 100

332 96.4 76.2 114.2

141 36.2 32.8 49.2

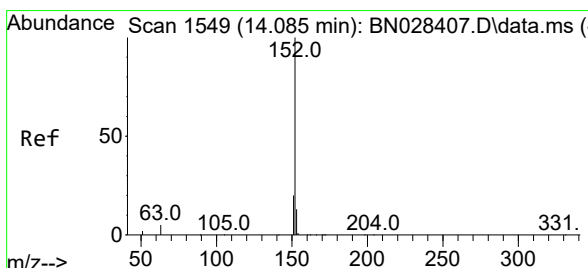
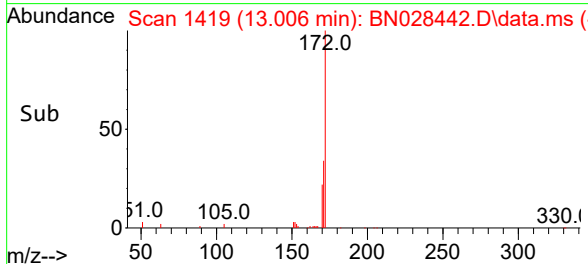
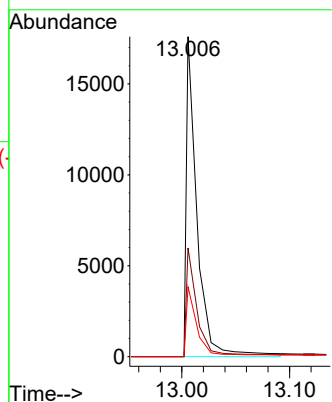
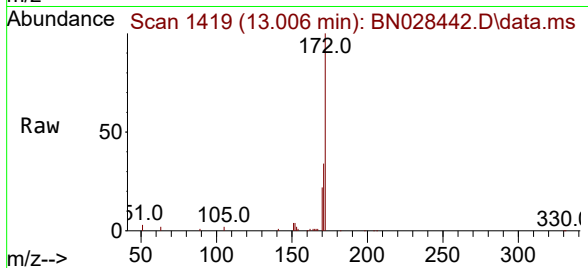




#15
2-Fluorobiphenyl
Concen: 0.501 ng
RT: 13.006 min Scan# 1448
Delta R.T. 0.001 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

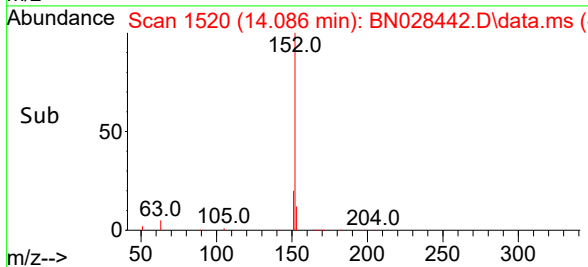
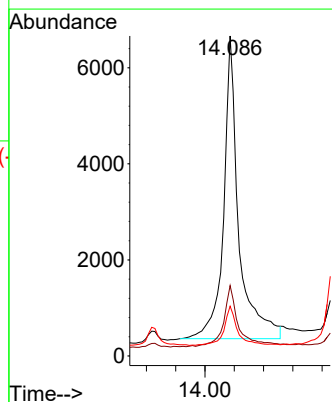
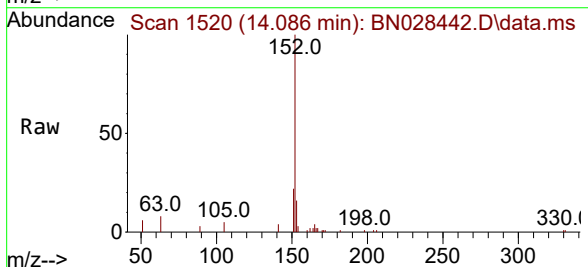
Instrument :
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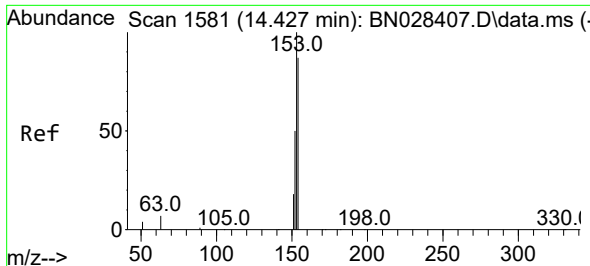
Tgt Ion:172 Resp: 13777
Ion Ratio Lower Upper
172 100
171 34.0 27.2 40.8
170 21.8 17.1 25.7



#16
Acenaphthylene
Concen: 0.197 ng
RT: 14.086 min Scan# 1520
Delta R.T. 0.001 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

Tgt Ion:152 Resp: 22547
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 11.3 10.5 15.7

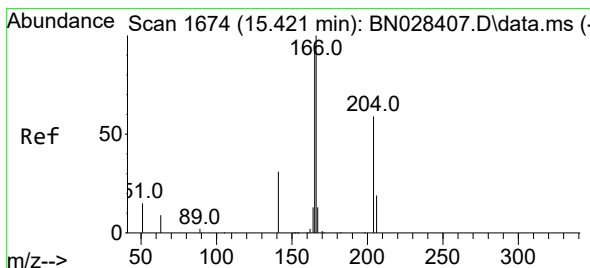
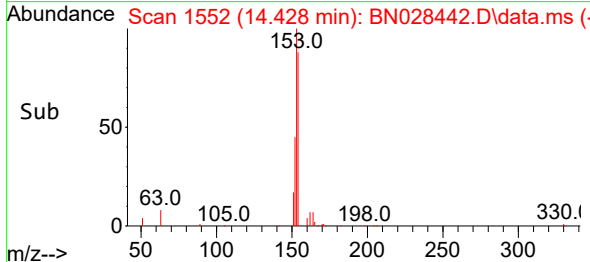
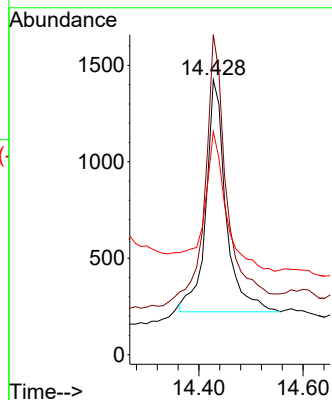
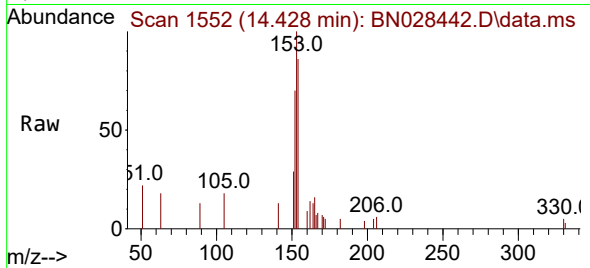




#17
Acenaphthene
Concen: 0.044 ng
RT: 14.428 min Scan# 1581
Delta R.T. 0.001 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

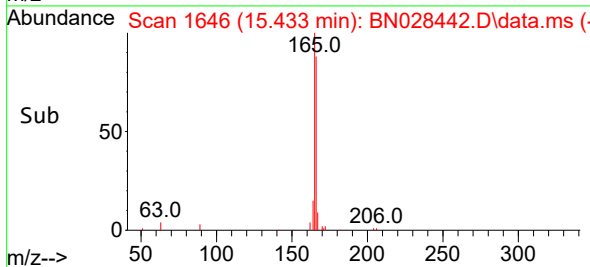
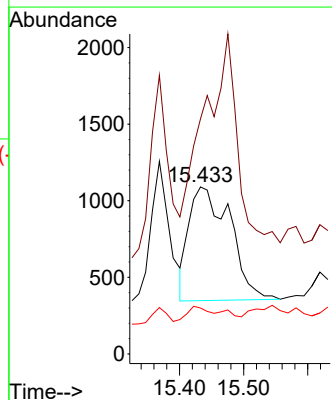
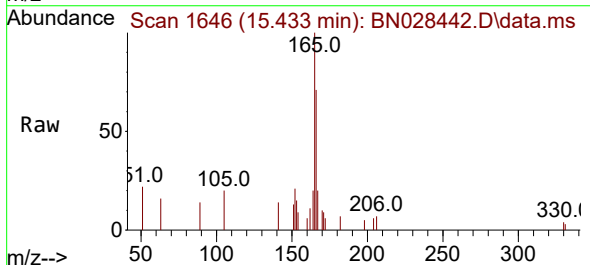
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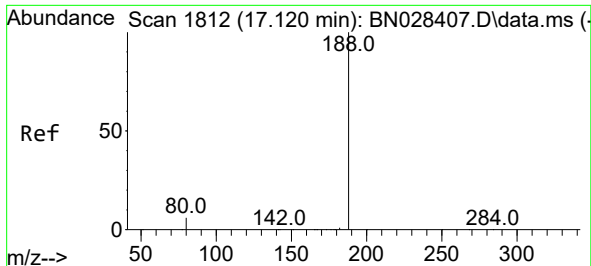
Tgt Ion:154 Resp: 3200
Ion Ratio Lower Upper
154 100
153 106.2 90.5 135.7
152 63.4 45.8 68.6



#18
Fluorene
Concen: 0.035 ng
RT: 15.433 min Scan# 1646
Delta R.T. 0.012 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

Tgt Ion:166 Resp: 3447
Ion Ratio Lower Upper
166 100
165 0.0 79.2 118.8#
167 6.8 10.6 16.0#

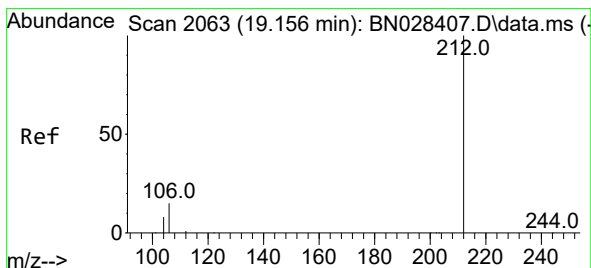
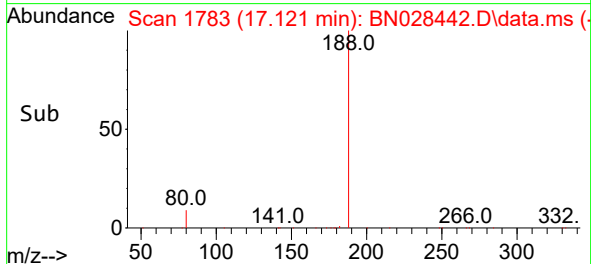
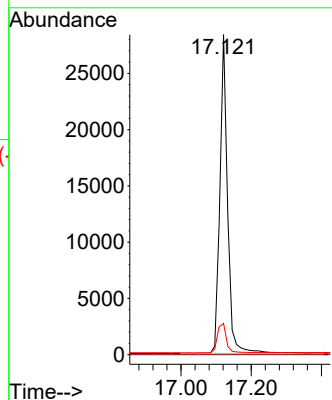
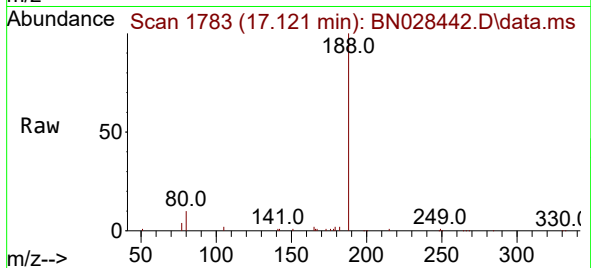




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.121 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

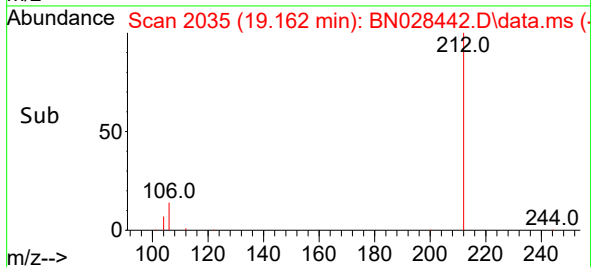
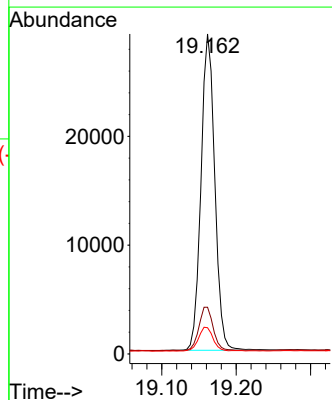
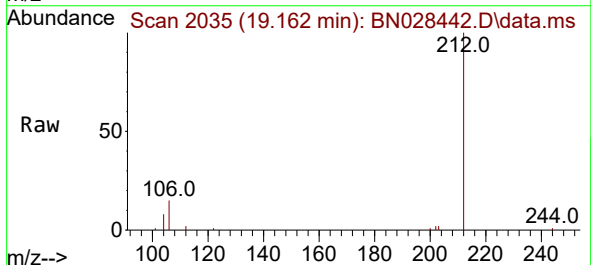
Instrument :
BNA_N
ClientSampleId :
PB156863BL

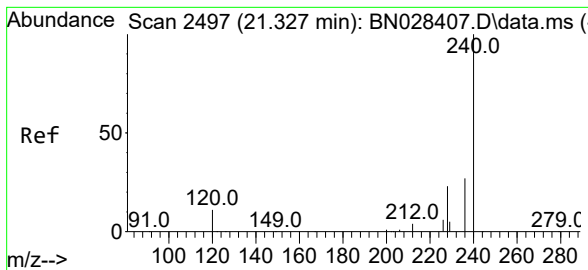
Tgt Ion:188 Resp: 42805
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 5.3 7.9#



#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.162 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

Tgt Ion:212 Resp: 37365
Ion Ratio Lower Upper
212 100
106 14.2 11.9 17.9
104 8.0 6.7 10.1

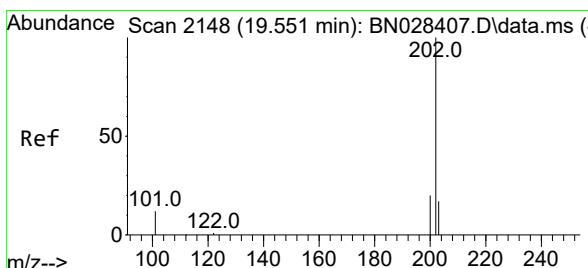
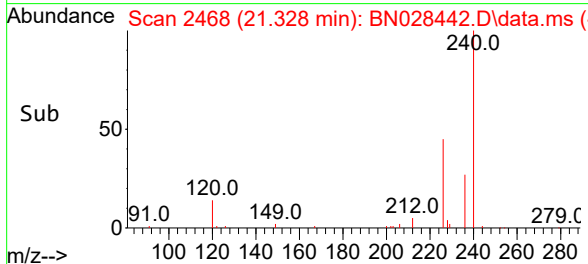
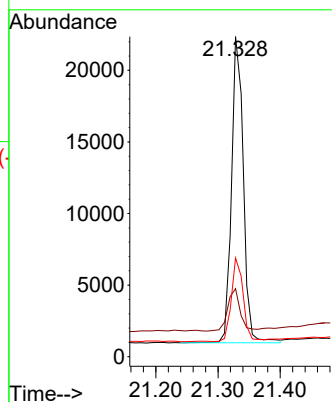
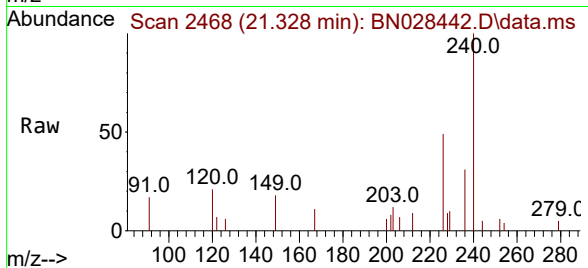




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.328 min Scan# 2497
Delta R.T. 0.001 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

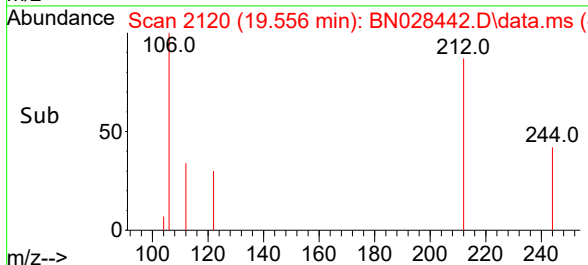
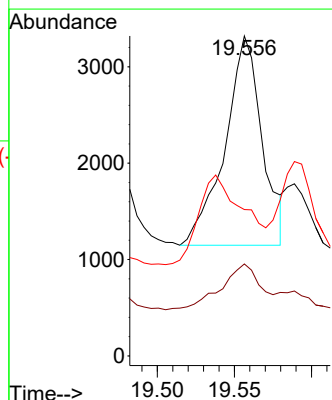
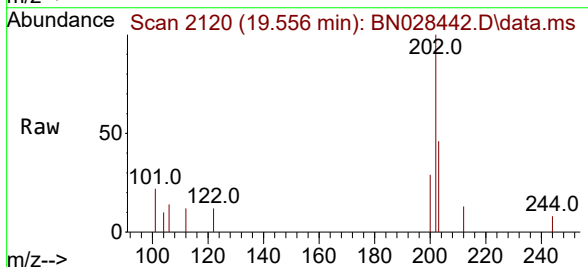
Instrument :
BNA_N
ClientSampleId :
PB156863BL

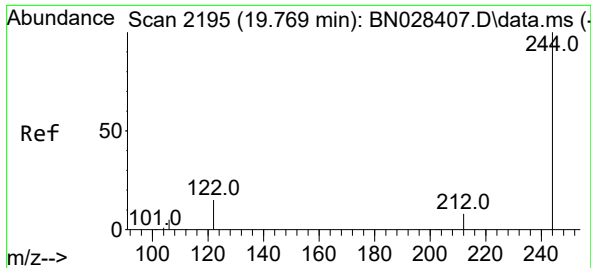
Tgt Ion:240 Resp: 28363
Ion Ratio Lower Upper
240 100
120 21.2 9.8 14.6#
236 30.9 22.2 33.2



#30
Pyrene
Concen: 0.031 ng
RT: 19.556 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

Tgt Ion:202 Resp: 3648
Ion Ratio Lower Upper
202 100
200 23.0 16.6 25.0
203 55.4 14.2 21.2#

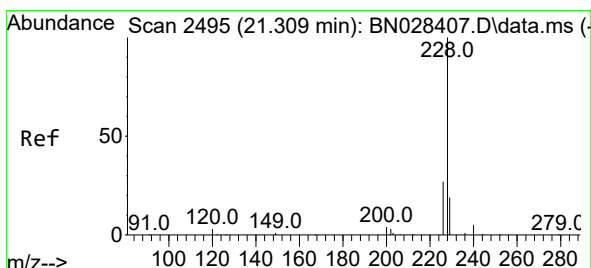
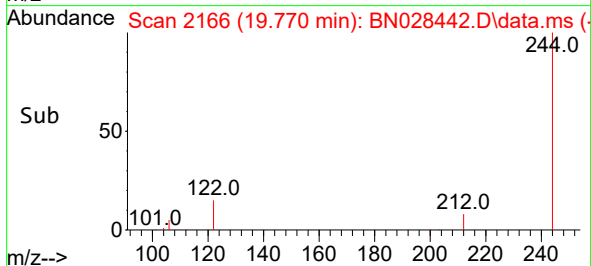
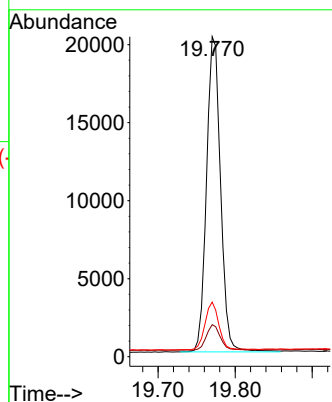
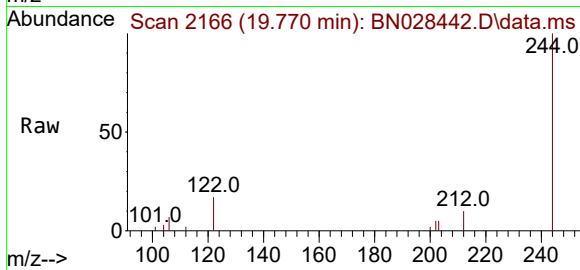




#31
 Terphenyl-d14
 Concen: 0.429 ng
 RT: 19.770 min Scan# 2195
 Delta R.T. 0.001 min
 Lab File: BN028442.D
 Acq: 03 Nov 2023 04:08

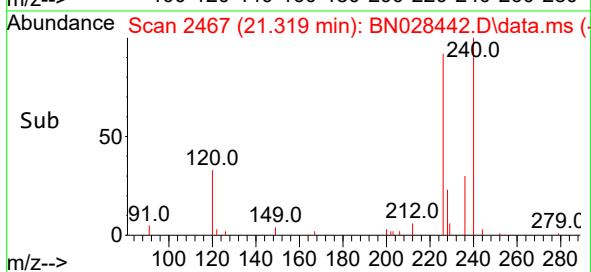
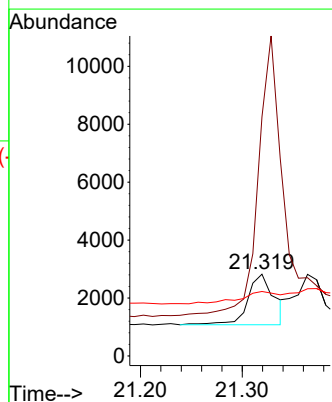
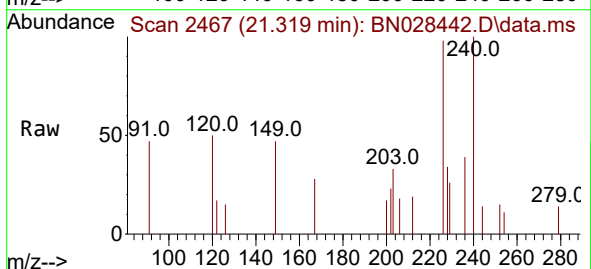
Instrument :
 BNA_N
 ClientSampleId :
 PB156863BL

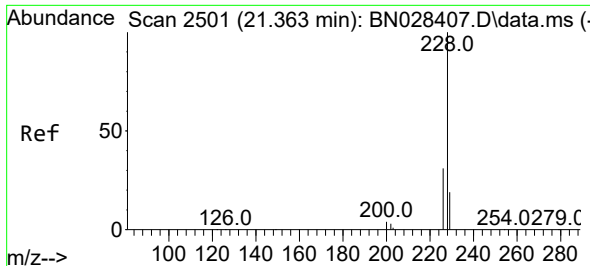
Tgt Ion:244 Resp: 25619
 Ion Ratio Lower Upper
 244 100
 212 10.0 6.6 10.0#
 122 17.0 12.6 19.0



#32
 Benzo(a)anthracene
 Concen: 0.028 ng
 RT: 21.319 min Scan# 2467
 Delta R.T. 0.010 min
 Lab File: BN028442.D
 Acq: 03 Nov 2023 04:08

Tgt Ion:228 Resp: 3139
 Ion Ratio Lower Upper
 228 100
 226 292.6 21.8 32.8#
 229 78.9 15.5 23.3#

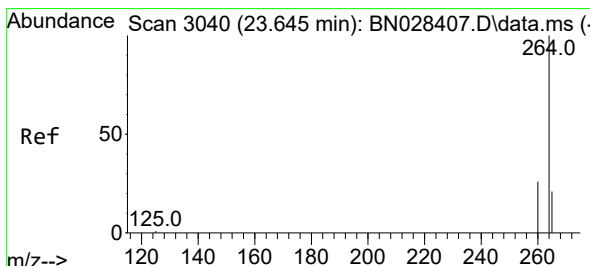
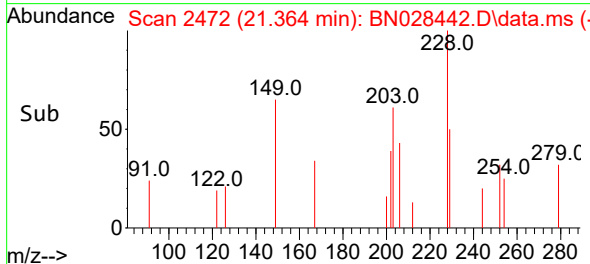
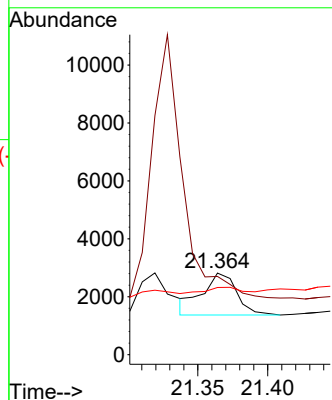
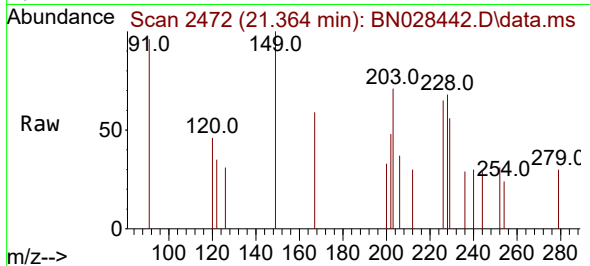




#33
Chrysene
Concen: 0.022 ng
RT: 21.364 min Scan# 2472
Delta R.T. 0.001 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

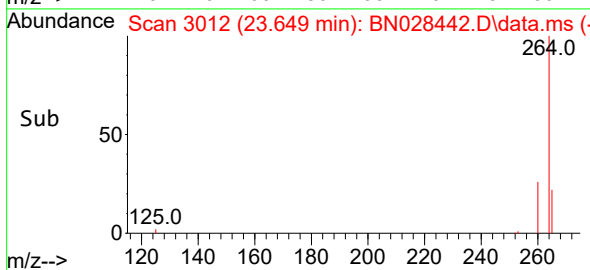
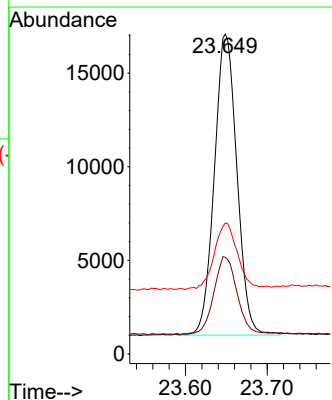
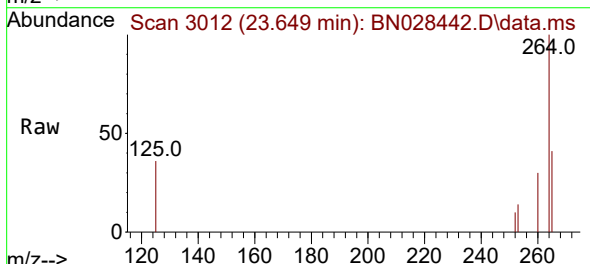
Instrument :
BNA_N
ClientSampleId :
PB156863BL

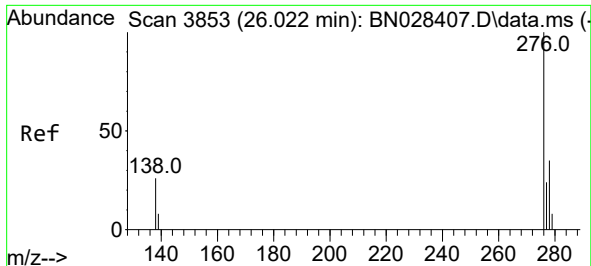
Tgt Ion:228 Resp: 2486
Ion Ratio Lower Upper
228 100
226 95.9 24.6 36.8#
229 82.3 15.7 23.5#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.649 min Scan# 3012
Delta R.T. 0.004 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

Tgt Ion:264 Resp: 30848
Ion Ratio Lower Upper
264 100
260 30.2 20.8 31.2
265 40.9 21.7 32.5#

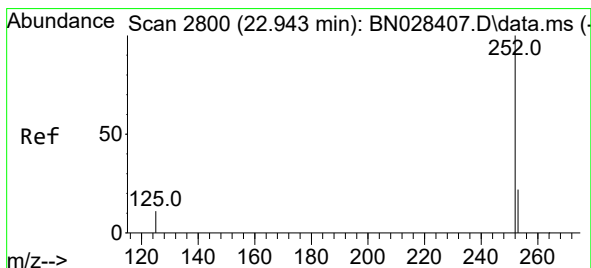
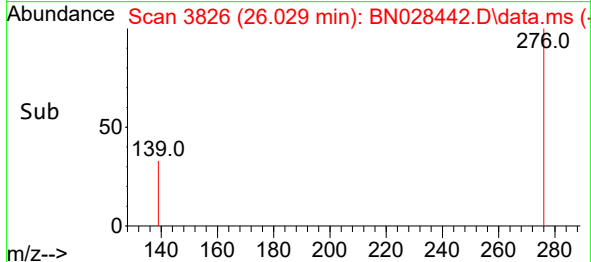
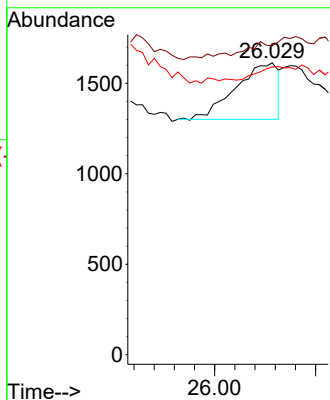
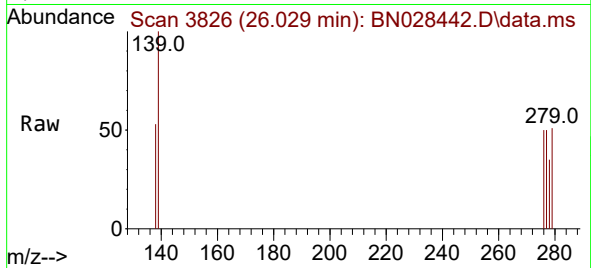




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng
RT: 26.029 min Scan# 3853
Delta R.T. 0.007 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

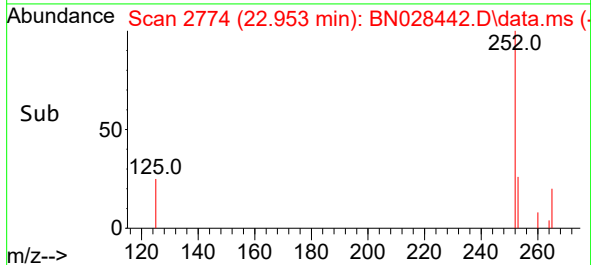
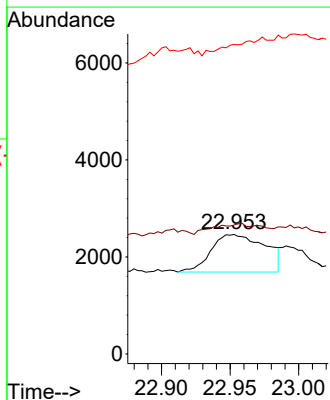
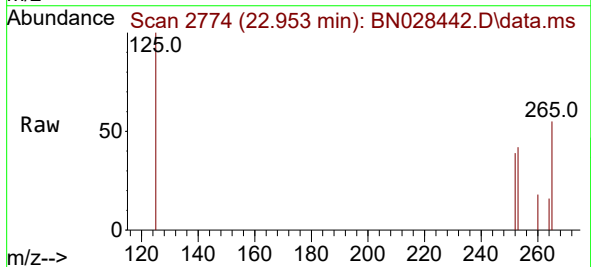
Instrument :
BNA_N
ClientSampleId :
PB156863BL

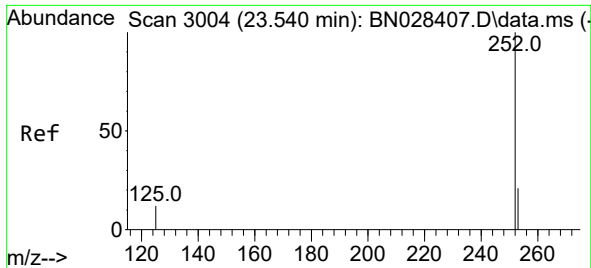
Tgt Ion:276 Resp: 456
Ion Ratio Lower Upper
276 100
138 53.5 24.1 36.1#
277 19.7 19.7 29.5



#37
Benzo(b)fluoranthene
Concen: 0.085 ng
RT: 22.953 min Scan# 2774
Delta R.T. 0.010 min
Lab File: BN028442.D
Acq: 03 Nov 2023 04:08

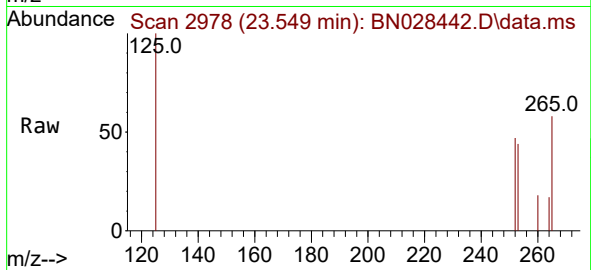
Tgt Ion:252 Resp: 2127
Ion Ratio Lower Upper
252 100
253 107.9 18.2 27.4#
125 259.1 10.0 15.0#





#39
 Benzo(a)pyrene
 Concen: 0.022 ng
 RT: 23.549 min Scan# 2978
 Delta R.T. 0.010 min
 Lab File: BN028442.D
 Acq: 03 Nov 2023 04:08

Instrument :
 BNA_N
 ClientSampleId :
 PB156863BL



Tgt Ion: 252 Resp: 2332
 Ion Ratio Lower Upper
 252 100
 253 93.8 17.9 26.9#
 125 215.0 11.0 16.6#

