

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028959.D
 Acq On : 01 Dec 2023 22:24
 Operator : MA/JU
 Sample : 05357-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-8-20231108

Quant Time: Dec 01 23:17:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

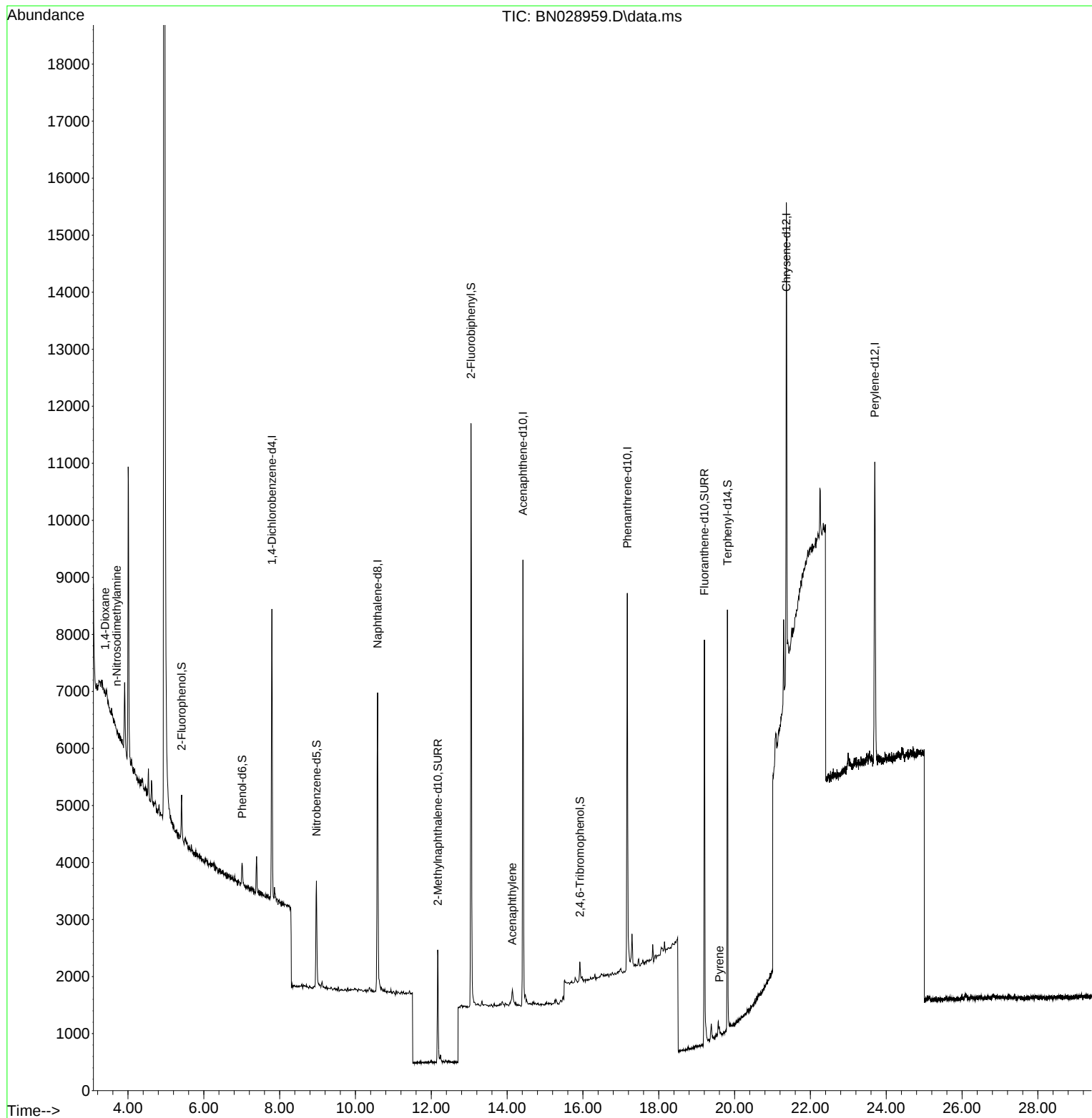
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2420	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	7139	0.400	ng	0.00
13) Acenaphthene-d10	14.418	164	4349	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	9534	0.400	ng	0.00
29) Chrysene-d12	21.365	240	7804	0.400	ng	# 0.00
35) Perylene-d12	23.699	264	7187	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	583	0.080	ng	0.00
5) Phenol-d6	7.009	99	409	0.050	ng	0.00
8) Nitrobenzene-d5	8.971	82	1770	0.249	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	2732	0.238	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	229	0.078	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	8814	0.469	ng	0.00
27) Fluoranthene-d10	19.204	212	8271	0.330	ng	0.00
31) Terphenyl-d14	19.813	244	7138	0.350	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.398	88	48	0.020	ng	# 15
3) n-Nitrosodimethylamine	3.702	42	86	0.114	ng	# 14
16) Acenaphthylene	14.140	152	698	0.030	ng	# 95
30) Pyrene	19.599	202	215	0.098	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.293	149	1885	Below Cal		# 93

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

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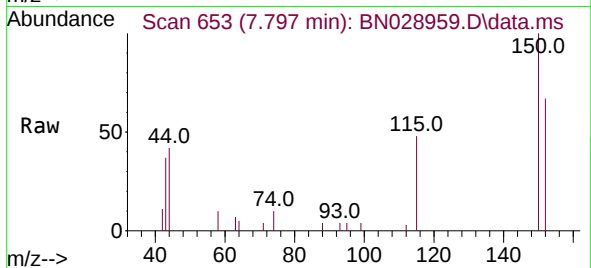
Quant Time: Dec 01 23:17:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



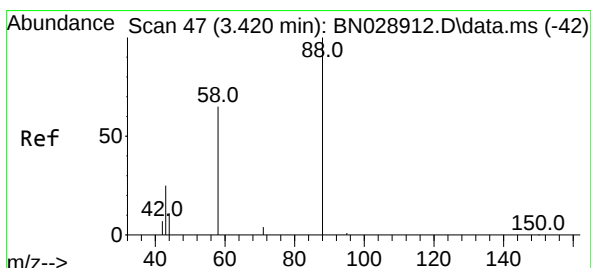
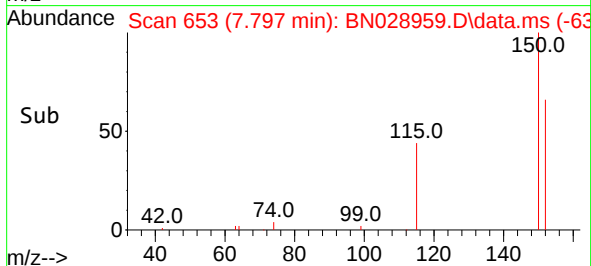
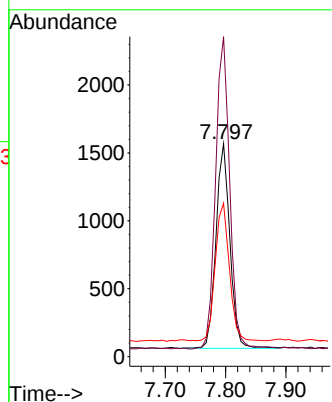


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN028959.D
Acq: 01 Dec 2023 22:24

Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20231108

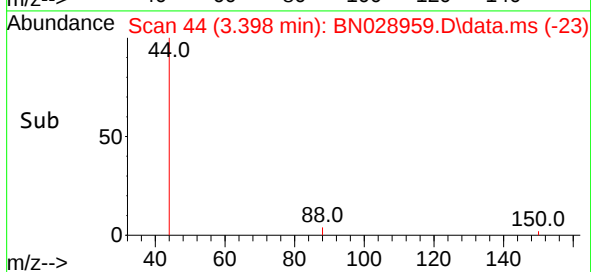
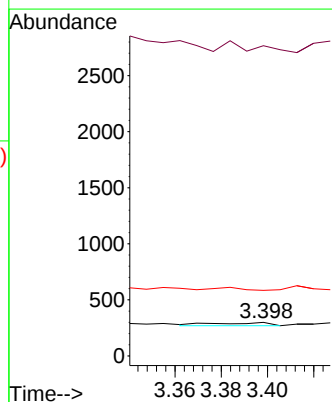
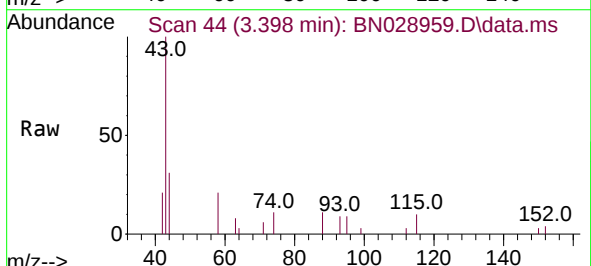


Tgt Ion:152 Resp: 2420
Ion Ratio Lower Upper
152 100
150 150.3 123.4 185.2
115 72.1 59.1 88.7



#2
1,4-Dioxane
Concen: 0.020 ng
RT: 3.398 min Scan# 44
Delta R.T. 0.050 min
Lab File: BN028959.D
Acq: 01 Dec 2023 22:24

Tgt Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 150.0 29.9 44.9#
58 45.8 55.0 82.4#

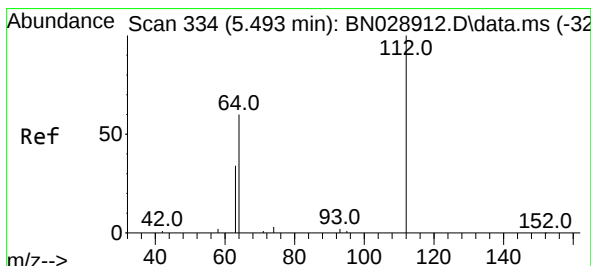
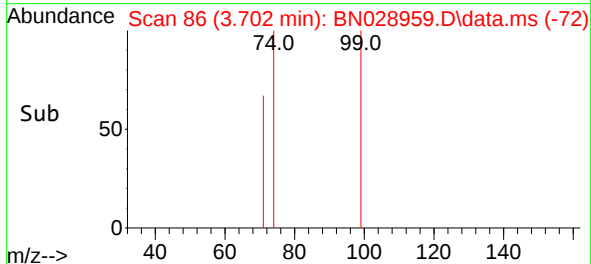
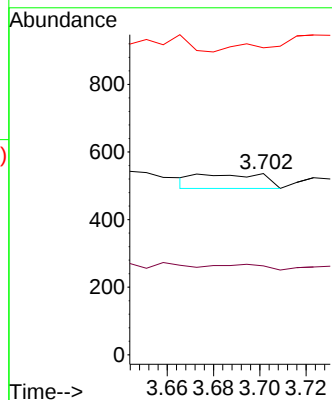
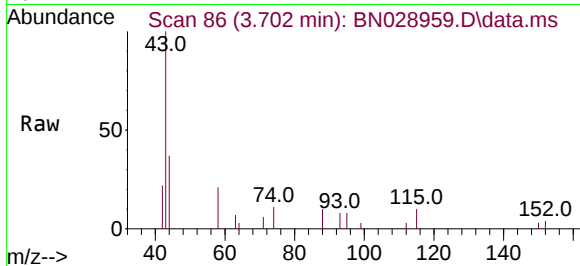




#3
n-Nitrosodimethylamine
Concen: 0.114 ng
RT: 3.702 min Scan# 86
Delta R.T. -0.000 min
Lab File: BN028959.D
Acq: 01 Dec 2023 22:24

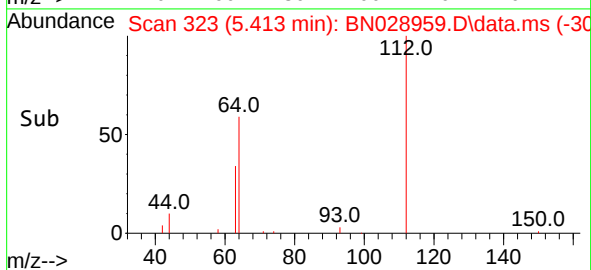
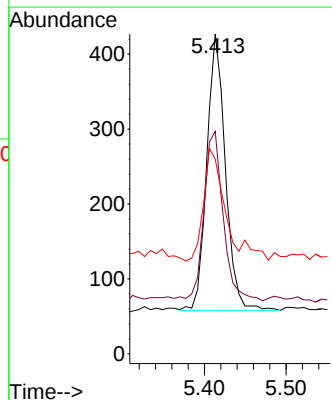
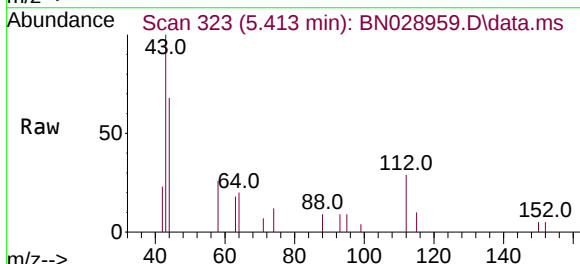
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20231108

Tgt Ion: 42 Resp: 86
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.6#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.080 ng
RT: 5.413 min Scan# 323
Delta R.T. -0.000 min
Lab File: BN028959.D
Acq: 01 Dec 2023 22:24

Tgt Ion: 112 Resp: 583
Ion Ratio Lower Upper
112 100
64 63.6 51.5 77.3
63 42.9 30.4 45.6

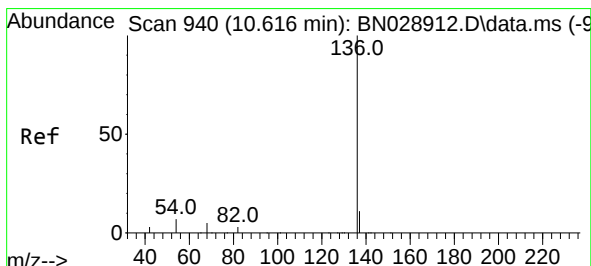
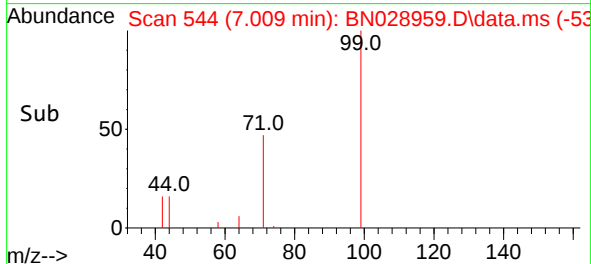
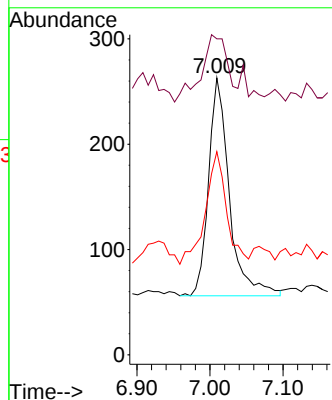
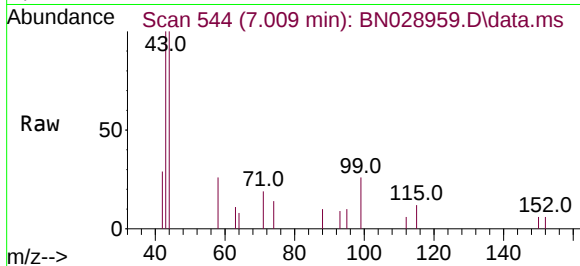




#5
Phenol-d6
Concen: 0.050 ng
RT: 7.009 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN028959.D
Acq: 01 Dec 2023 22:24

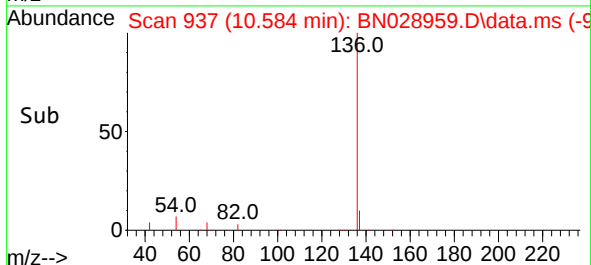
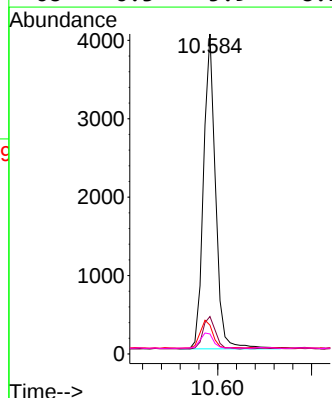
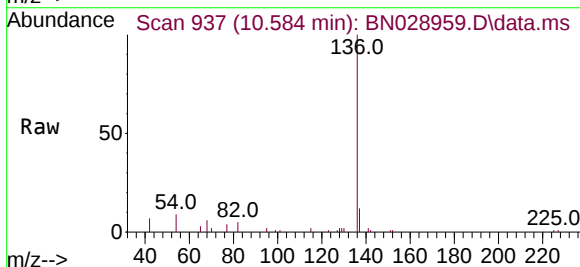
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20231108

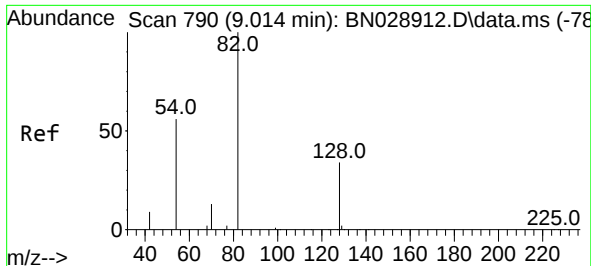
Tgt Ion: 99 Resp: 409
Ion Ratio Lower Upper
99 100
42 39.1 21.2 31.8#
71 52.3 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN028959.D
Acq: 01 Dec 2023 22:24

Tgt Ion: 136 Resp: 7139
Ion Ratio Lower Upper
136 100
137 11.7 10.6 16.0
54 9.0 7.5 11.3
68 6.3 5.9 8.9

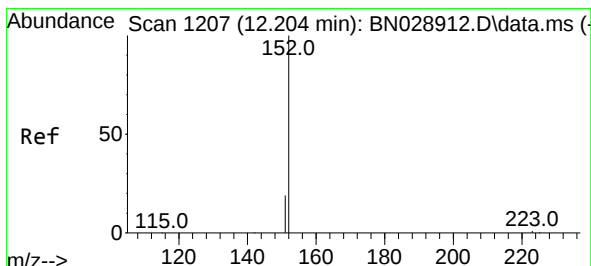
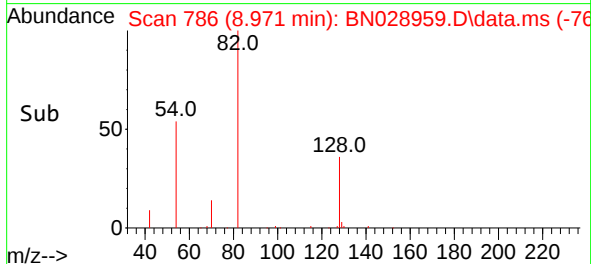
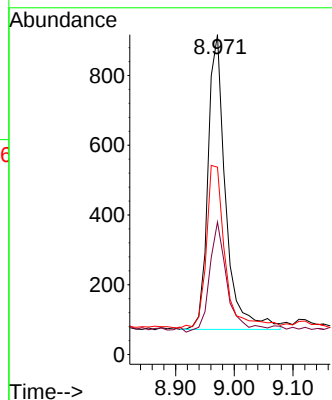
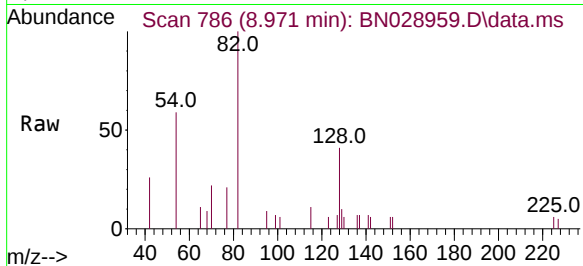




#8
 Nitrobenzene-d5
 Concen: 0.249 ng
 RT: 8.971 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN028959.D
 Acq: 01 Dec 2023 22:24

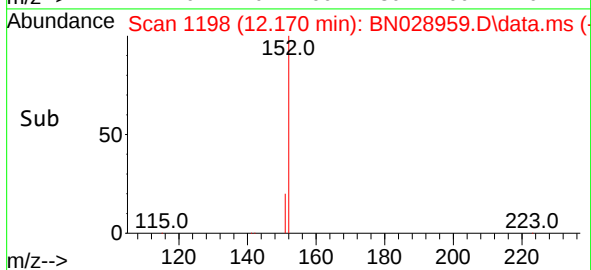
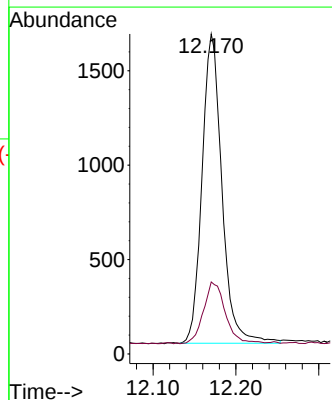
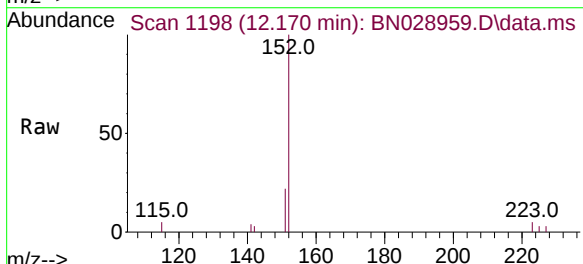
Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-8-20231108

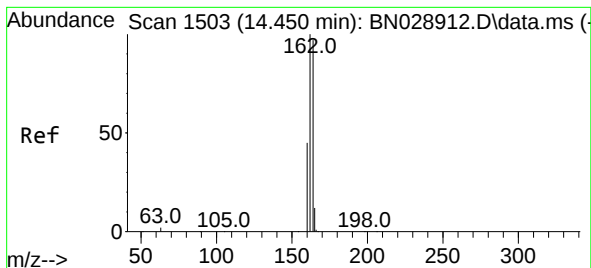
Tgt Ion: 82	Resp: 1770
Ion Ratio	Lower Upper
82	100
128	41.4 29.2 43.8
54	58.6 47.0 70.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.238 ng
 RT: 12.170 min Scan# 1198
 Delta R.T. -0.000 min
 Lab File: BN028959.D
 Acq: 01 Dec 2023 22:24

Tgt Ion: 152	Resp: 2732
Ion Ratio	Lower Upper
152	100
151	22.0 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.418 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN028959.D

Acq: 01 Dec 2023 22:24

Instrument :

BNA_N

ClientSampleId :

BPOW1-8-20231108

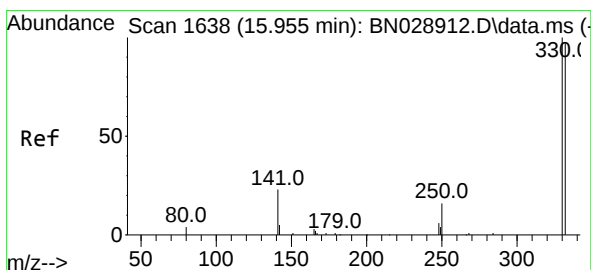
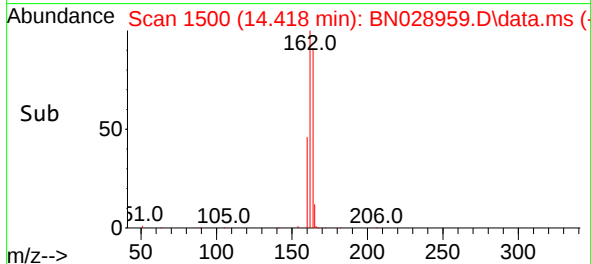
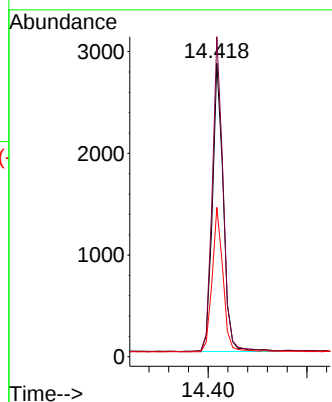
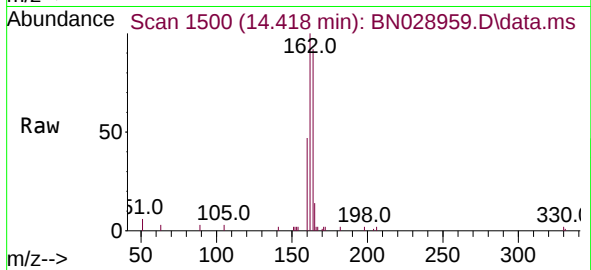
Tgt Ion:164 Resp: 4349

Ion Ratio Lower Upper

164 100

162 109.0 81.7 122.5

160 50.9 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.078 ng

RT: 15.918 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BN028959.D

Acq: 01 Dec 2023 22:24

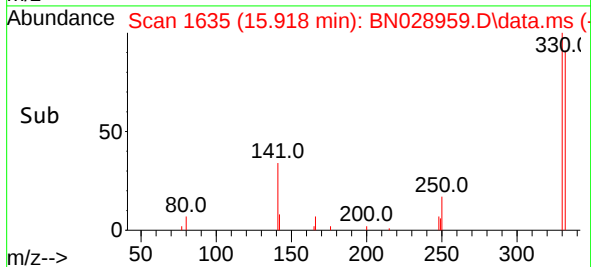
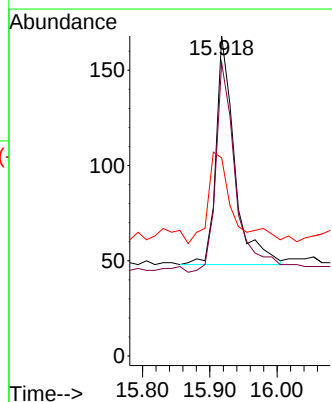
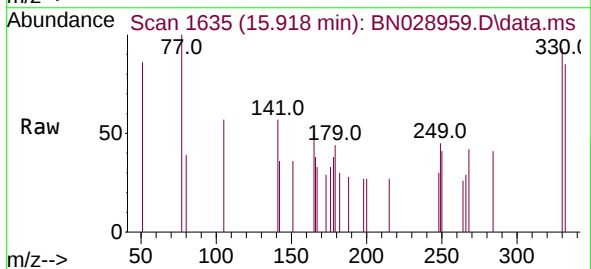
Tgt Ion:330 Resp: 229

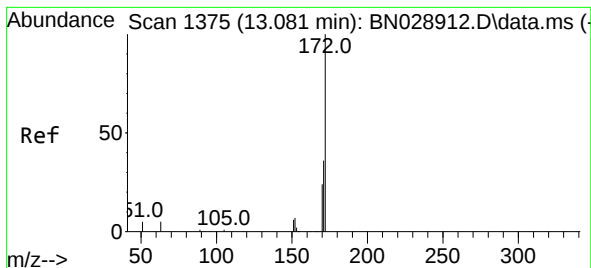
Ion Ratio Lower Upper

330 100

332 99.1 75.4 113.2

141 53.3 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.469 ng

RT: 13.049 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN028959.D

Acq: 01 Dec 2023 22:24

Instrument :

BNA_N

ClientSampleId :

BPOW1-8-20231108

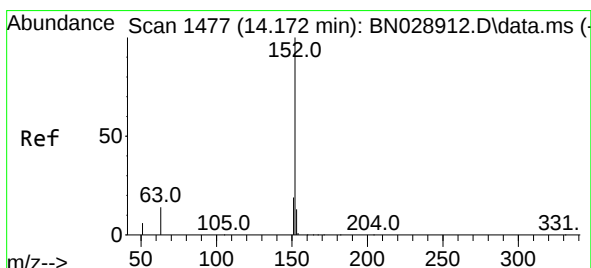
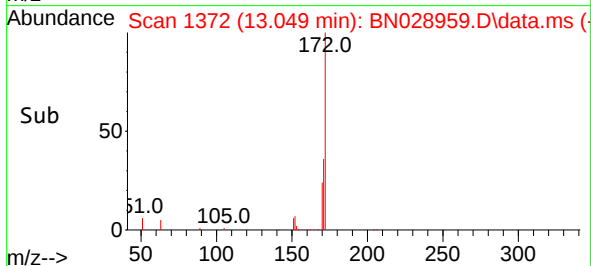
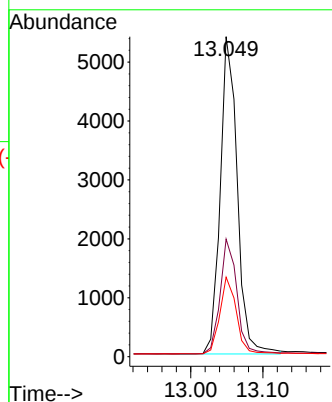
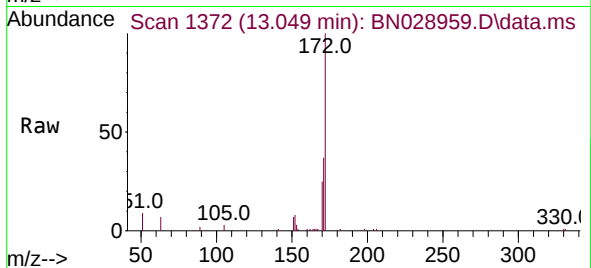
Tgt Ion:172 Resp: 8814

Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.4

170 24.9 19.7 29.5



#16

Acenaphthylene

Concen: 0.030 ng

RT: 14.140 min Scan# 1474

Delta R.T. -0.000 min

Lab File: BN028959.D

Acq: 01 Dec 2023 22:24

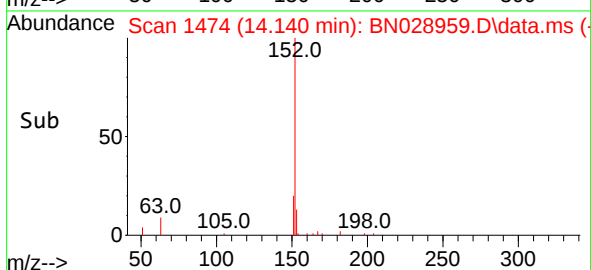
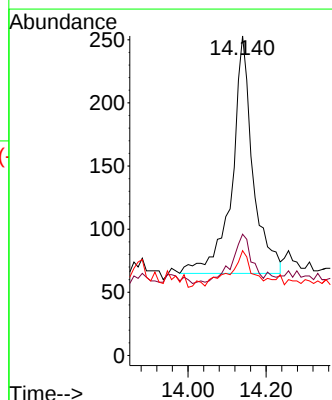
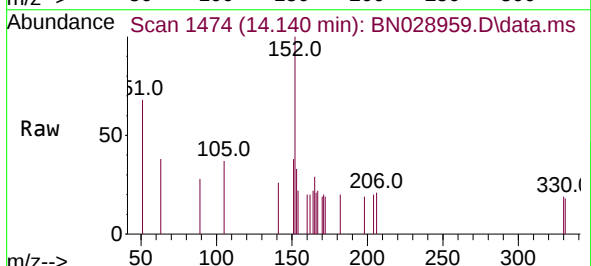
Tgt Ion:152 Resp: 698

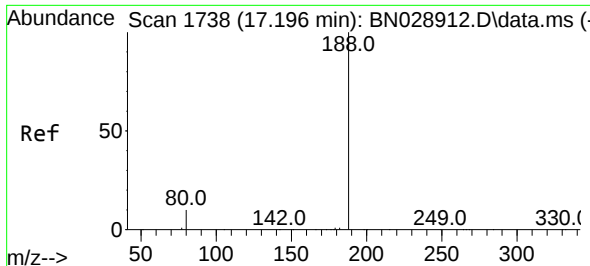
Ion Ratio Lower Upper

152 100

151 18.6 15.9 23.9

153 16.3 10.8 16.2#

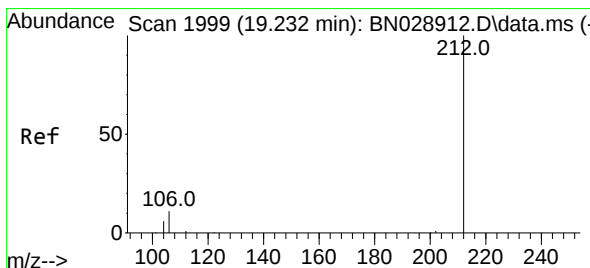
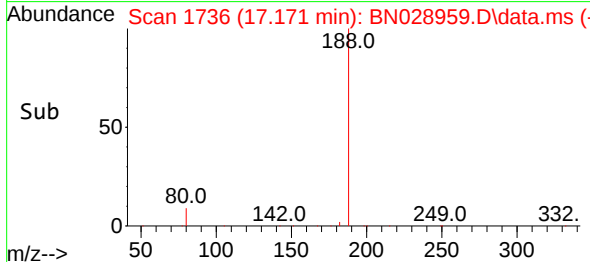
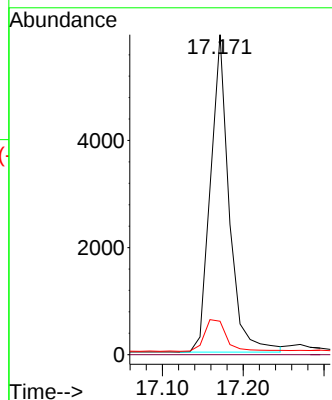
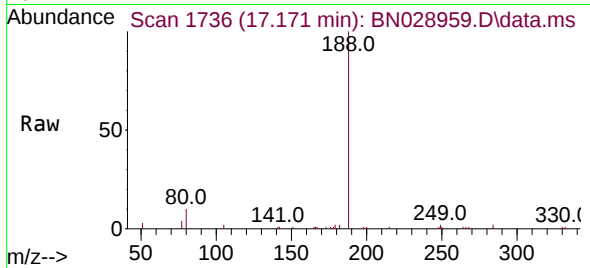




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN028959.D
Acq: 01 Dec 2023 22:24

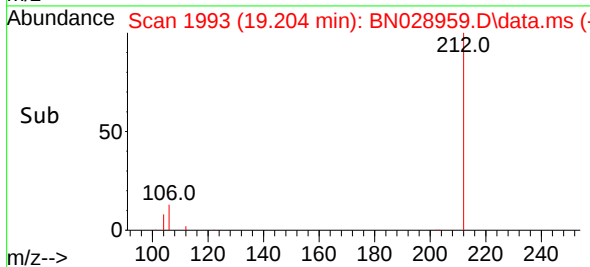
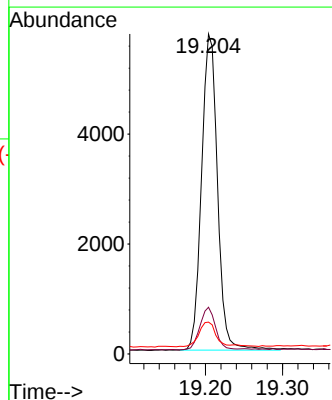
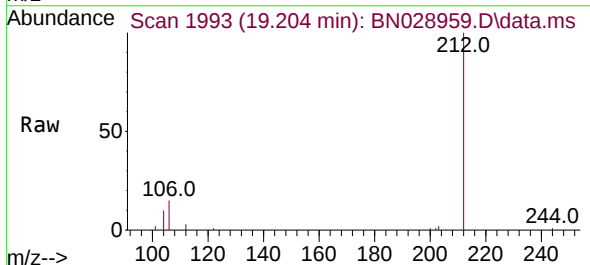
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20231108

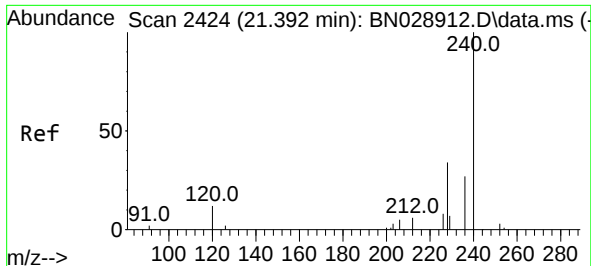
Tgt Ion:188 Resp: 9534
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.204 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BN028959.D
Acq: 01 Dec 2023 22:24

Tgt Ion:212 Resp: 8271
Ion Ratio Lower Upper
212 100
106 13.1 9.4 14.2
104 8.1 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.365 min Scan# 2421

Delta R.T. -0.009 min

Lab File: BN028959.D

Acq: 01 Dec 2023 22:24

Instrument :

BNA_N

ClientSampleId :

BPOW1-8-20231108

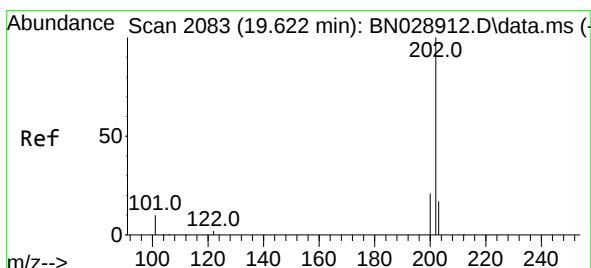
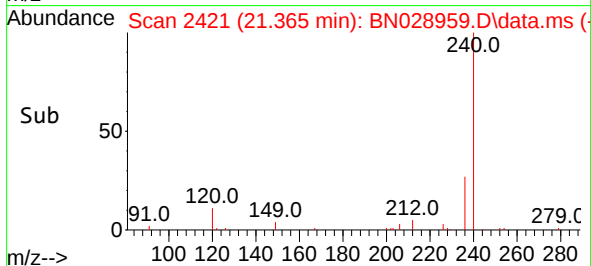
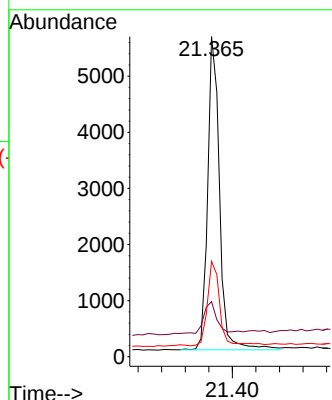
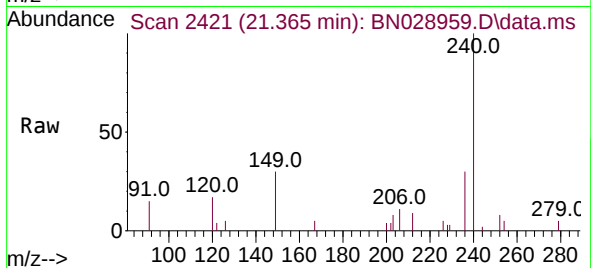
Tgt Ion:240 Resp: 7804

Ion Ratio Lower Upper

240 100

120 17.2 37.1 55.7#

236 29.8 32.4 48.6#



#30

Pyrene

Concen: 0.098 ng

RT: 19.599 min Scan# 2078

Delta R.T. -0.005 min

Lab File: BN028959.D

Acq: 01 Dec 2023 22:24

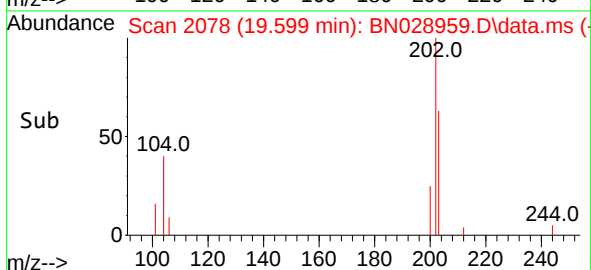
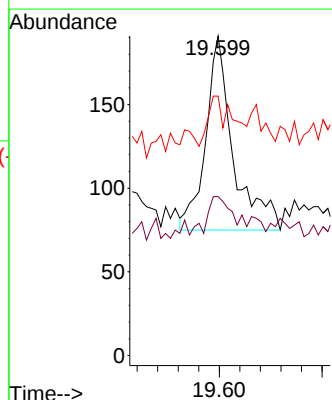
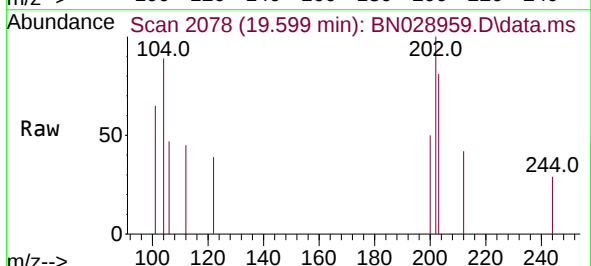
Tgt Ion:202 Resp: 215

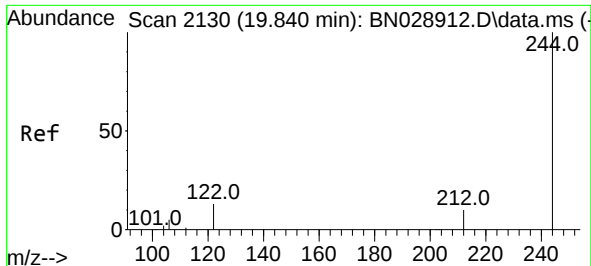
Ion Ratio Lower Upper

202 100

200 15.3 16.9 25.3#

203 12.6 14.8 22.2#

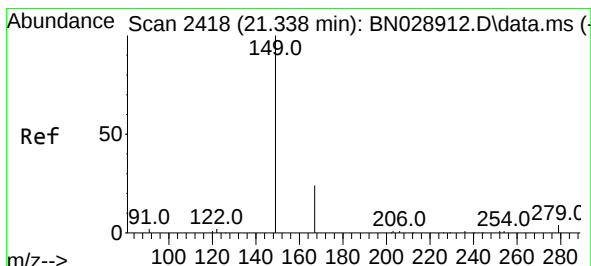
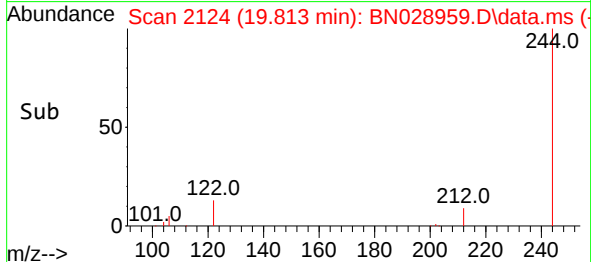
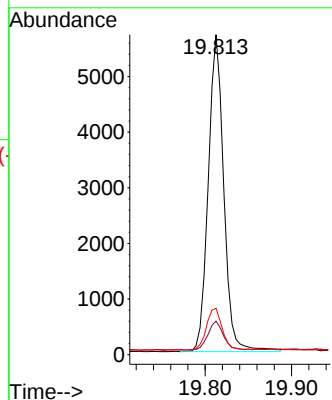
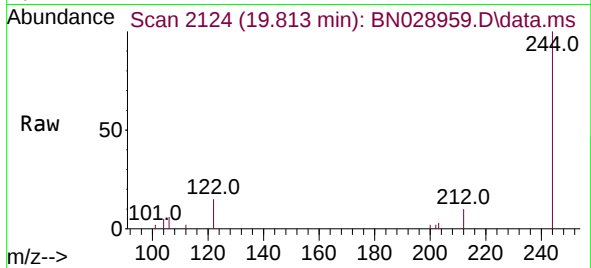




#31
 Terphenyl-d14
 Concen: 0.350 ng
 RT: 19.813 min Scan# 2130
 Delta R.T. -0.005 min
 Lab File: BN028959.D
 Acq: 01 Dec 2023 22:24

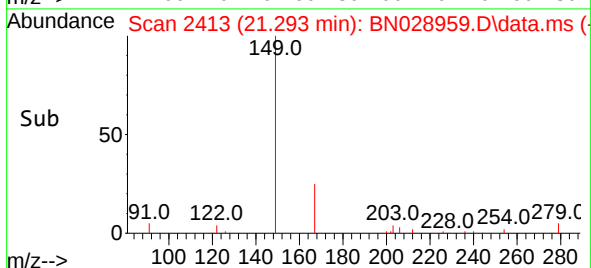
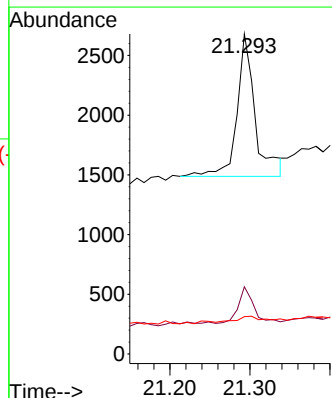
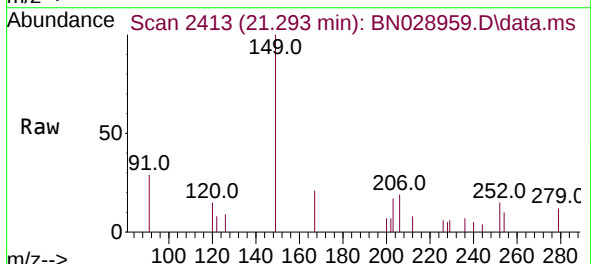
Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-8-20231108

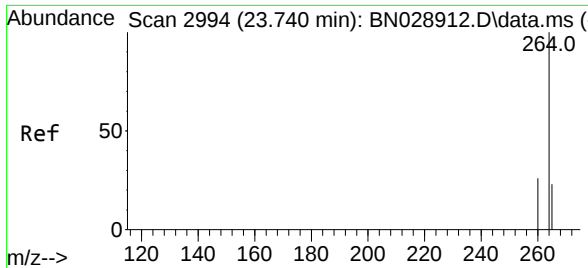
Tgt Ion:244 Resp: 7138
 Ion Ratio Lower Upper
 244 100
 212 10.5 11.5 17.3#
 122 14.5 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.293 min Scan# 2413
 Delta R.T. -0.009 min
 Lab File: BN028959.D
 Acq: 01 Dec 2023 22:24

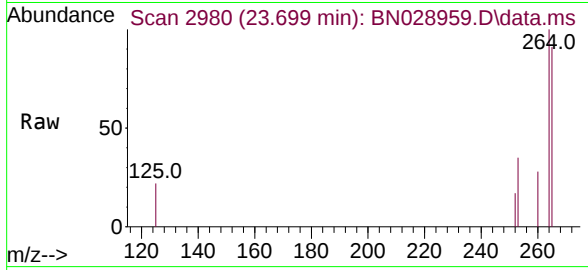
Tgt Ion:149 Resp: 1885
 Ion Ratio Lower Upper
 149 100
 167 21.8 14.9 22.3
 279 5.7 6.3 9.5#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.699 min Scan# 2994
 Delta R.T. -0.009 min
 Lab File: BN028959.D
 Acq: 01 Dec 2023 22:24

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-8-20231108



Tgt Ion:264 Resp: 7187

Ion	Ratio	Lower	Upper
264	100		
260	27.9	20.6	30.8
265	90.6	464.5	696.7#

