

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028958.D
 Acq On : 01 Dec 2023 21:48
 Operator : MA/JU
 Sample : 05357-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20231108

Quant Time: Dec 01 23:17:18 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)

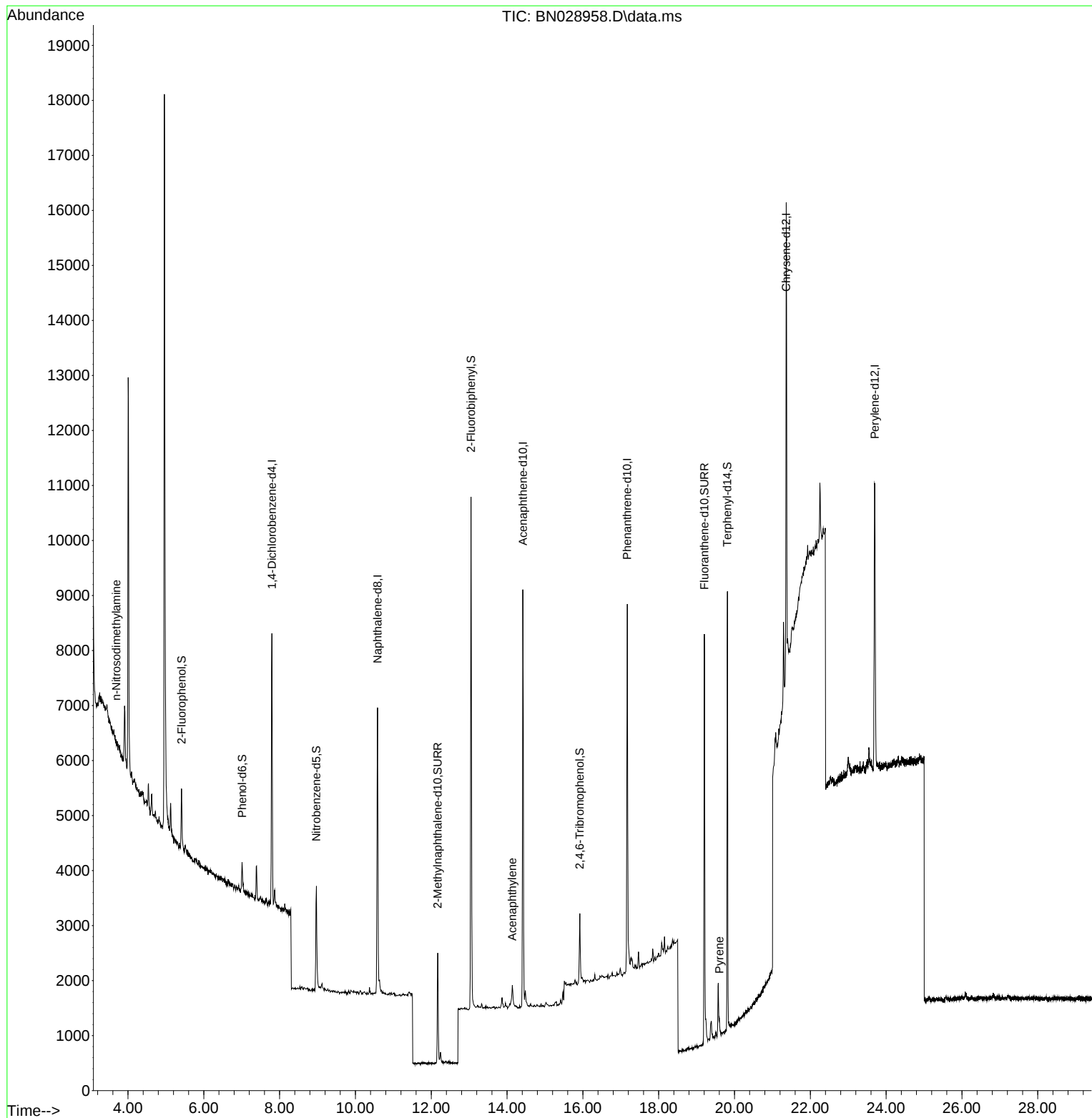
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2350	0.400	ng	0.00
7) Naphthalene-d8	10.583	136	7027	0.400	ng	# 0.00
13) Acenaphthene-d10	14.417	164	4299	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	9649	0.400	ng	0.00
29) Chrysene-d12	21.365	240	7928	0.400	ng	# 0.00
35) Perylene-d12	23.699	264	7243	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	756	0.106	ng	0.00
5) Phenol-d6	7.009	99	513	0.065	ng	0.00
8) Nitrobenzene-d5	8.971	82	1799	0.258	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	2827	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	783	0.270	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	7871	0.424	ng	0.00
27) Fluoranthene-d10	19.204	212	8530	0.336	ng	0.00
31) Terphenyl-d14	19.812	244	7797	0.365	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.694	42	59	0.108	ng	# 14
16) Acenaphthylene	14.140	152	920	0.040	ng	# 92
30) Pyrene	19.599	202	326	0.100	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.293	149	1653	Below Cal		# 84

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

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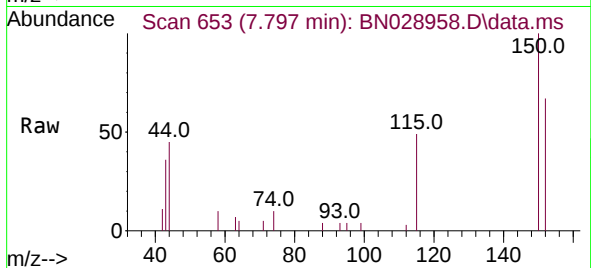
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



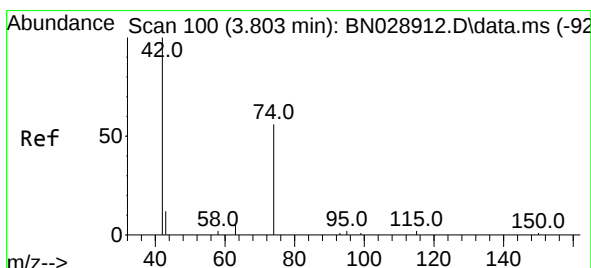
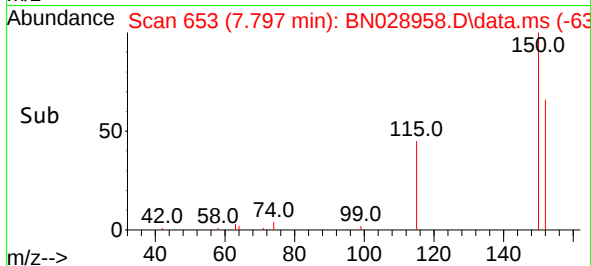
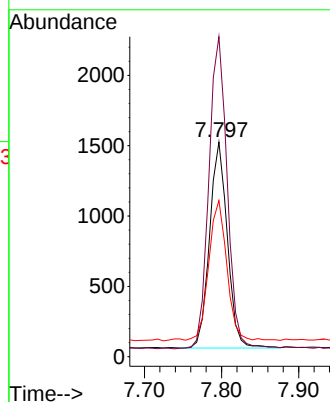


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN028958.D
Acq: 01 Dec 2023 21:48

Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20231108

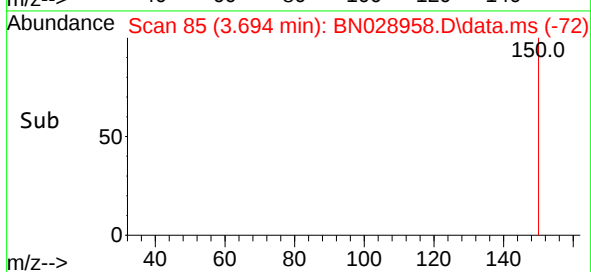
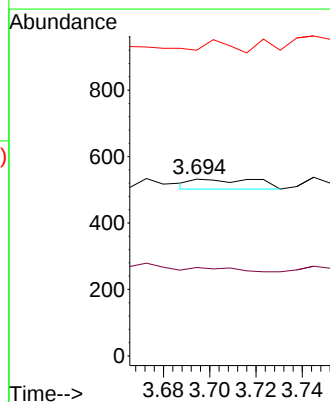
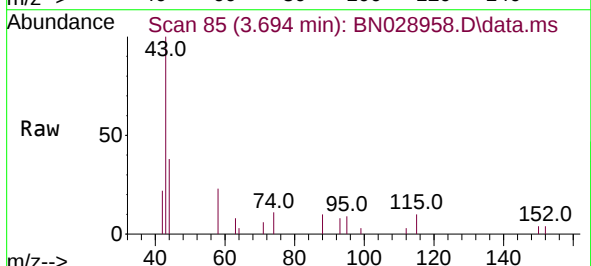


Tgt Ion:152 Resp: 2350
Ion Ratio Lower Upper
152 100
150 149.1 123.4 185.2
115 72.7 59.1 88.7



#3
n-Nitrosodimethylamine
Concen: 0.108 ng
RT: 3.694 min Scan# 85
Delta R.T. -0.007 min
Lab File: BN028958.D
Acq: 01 Dec 2023 21:48

Tgt Ion: 42 Resp: 59
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.6#
44 44.1 0.0 0.0#

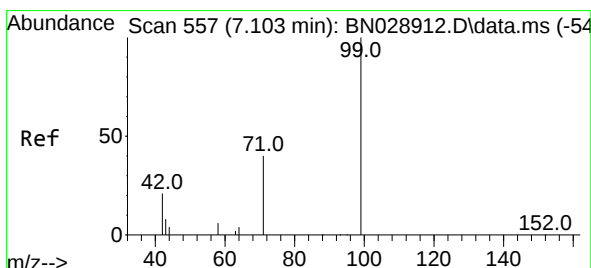
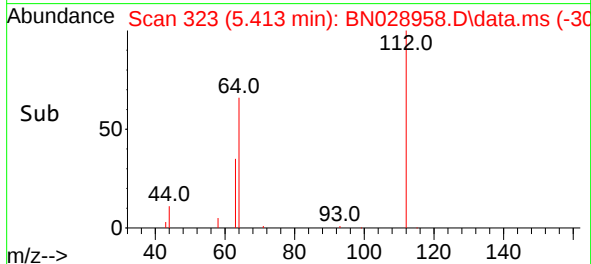
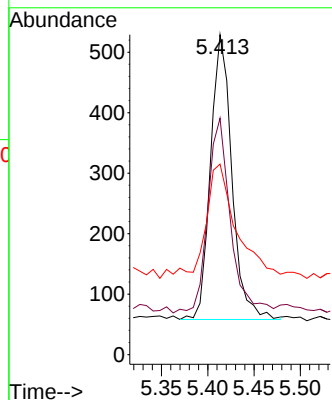
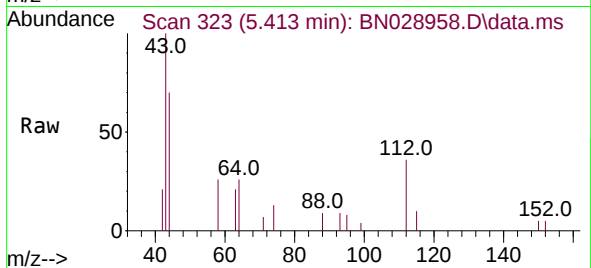




#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.413 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN028958.D
Acq: 01 Dec 2023 21:48

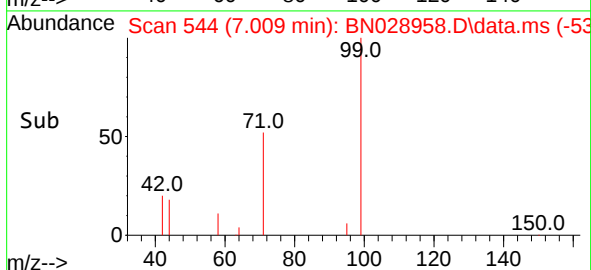
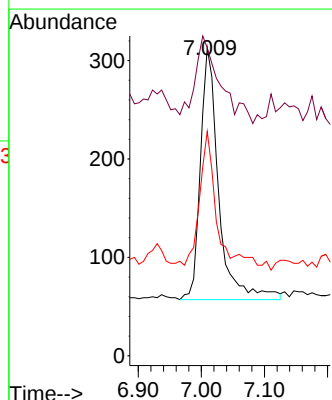
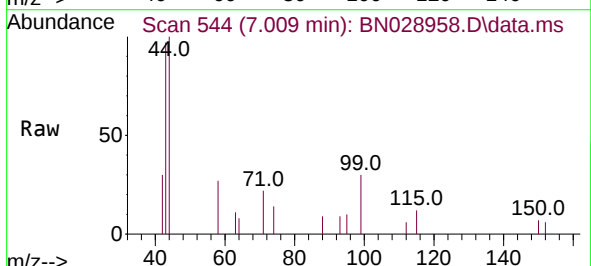
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20231108

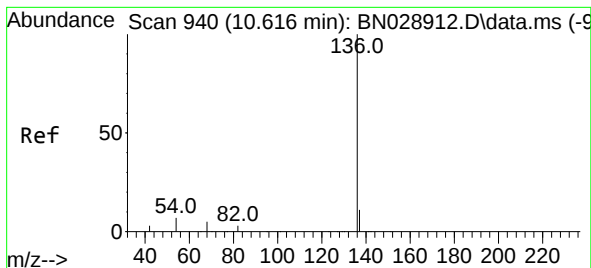
Tgt Ion:112 Resp: 756
Ion Ratio Lower Upper
112 100
64 72.5 51.5 77.3
63 60.1 30.4 45.6#



#5
Phenol-d6
Concen: 0.065 ng
RT: 7.009 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN028958.D
Acq: 01 Dec 2023 21:48

Tgt Ion: 99 Resp: 513
Ion Ratio Lower Upper
99 100
42 48.5 21.2 31.8#
71 41.7 35.4 53.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.583 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN028958.D

Acq: 01 Dec 2023 21:48

Instrument :

BNA_N

ClientSampleId :

BPOW1-7-20231108

Tgt Ion:136 Resp: 7027

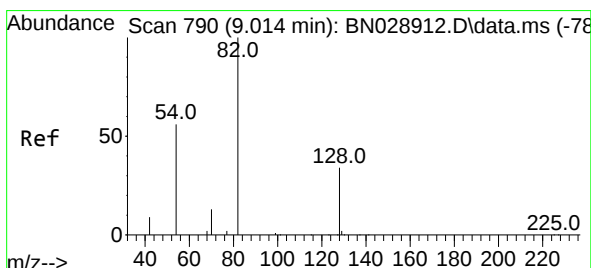
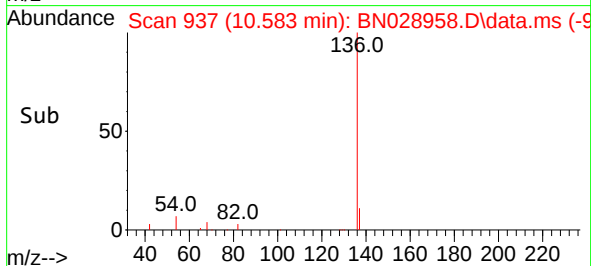
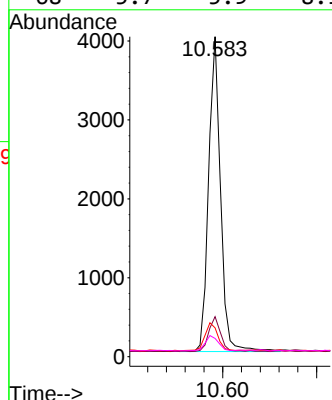
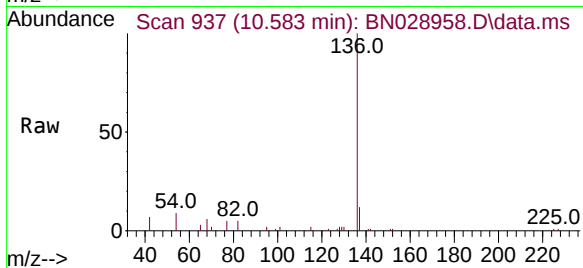
Ion Ratio Lower Upper

136 100

137 12.5 10.6 16.0

54 9.0 7.5 11.3

68 5.7 5.9 8.9#



#8

Nitrobenzene-d5

Concen: 0.258 ng

RT: 8.971 min Scan# 786

Delta R.T. -0.000 min

Lab File: BN028958.D

Acq: 01 Dec 2023 21:48

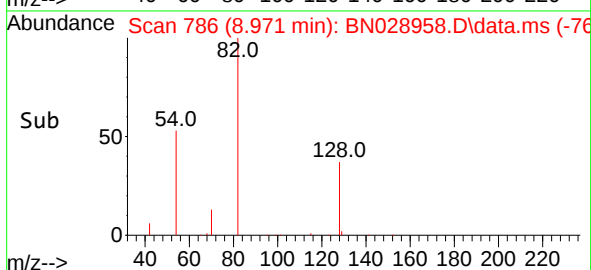
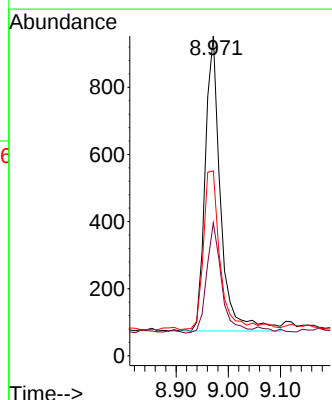
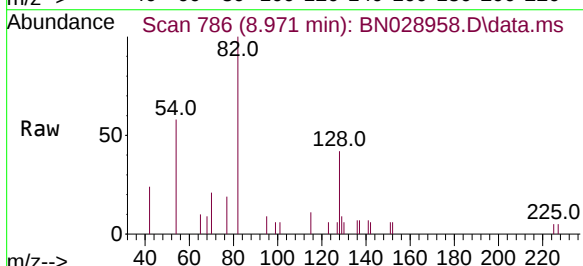
Tgt Ion: 82 Resp: 1799

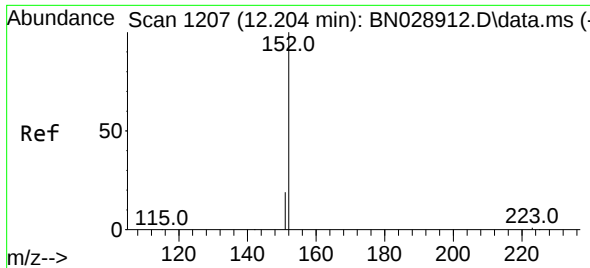
Ion Ratio Lower Upper

82 100

128 41.6 29.2 43.8

54 57.8 47.0 70.6

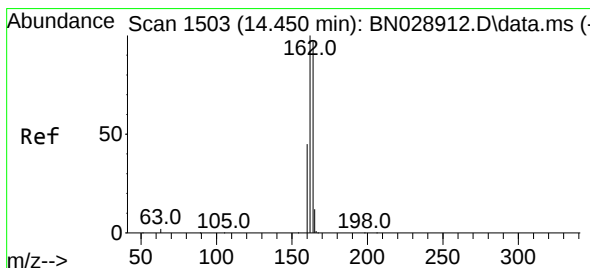
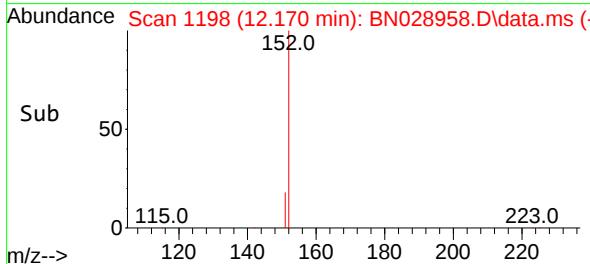
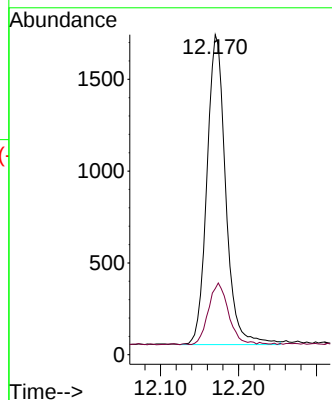
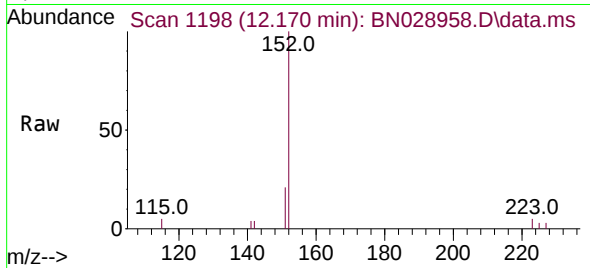




#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.170 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028958.D
Acq: 01 Dec 2023 21:48

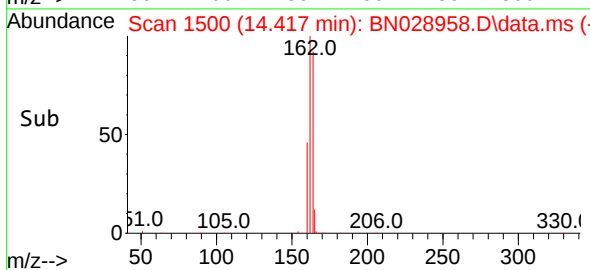
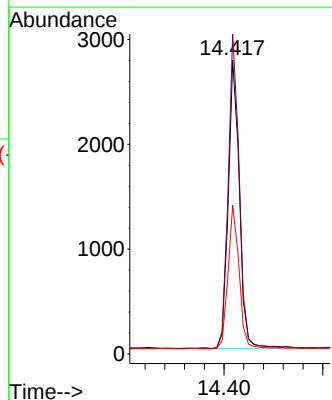
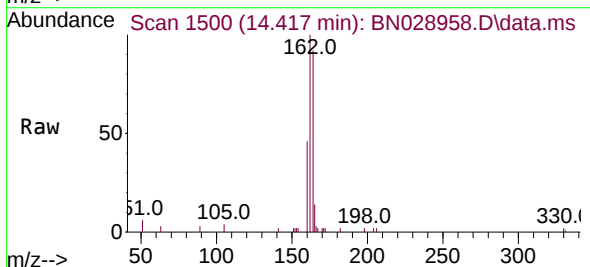
Instrument :
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ClientSampleId :
BPOW1-7-20231108

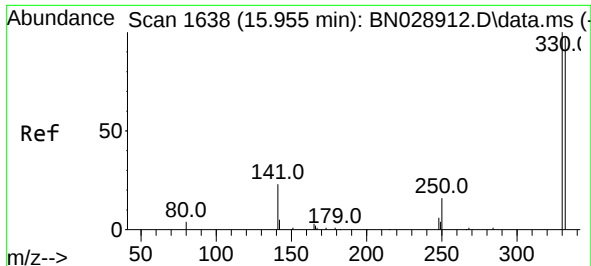
Tgt Ion:152 Resp: 2827
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.417 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BN028958.D
Acq: 01 Dec 2023 21:48

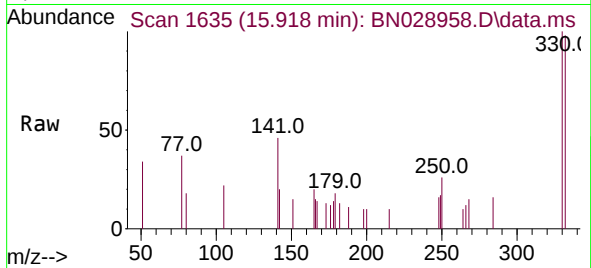
Tgt Ion:164 Resp: 4299
Ion Ratio Lower Upper
164 100
162 108.9 81.7 122.5
160 50.6 37.0 55.6



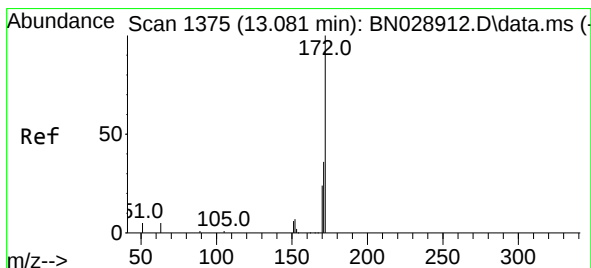
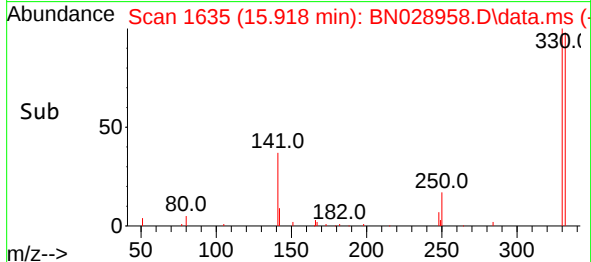
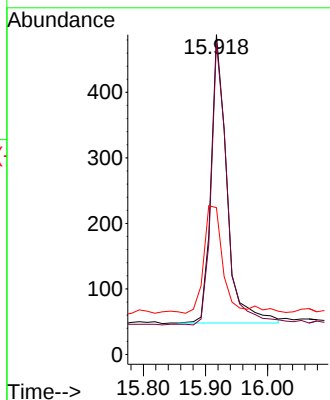


#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.918 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028958.D
Acq: 01 Dec 2023 21:48

Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20231108

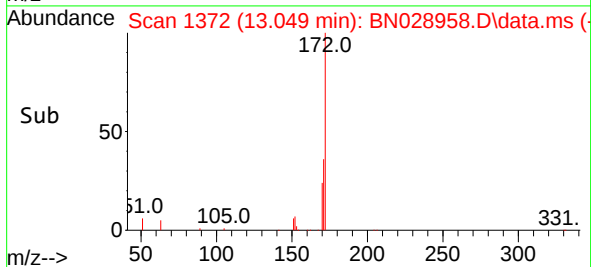
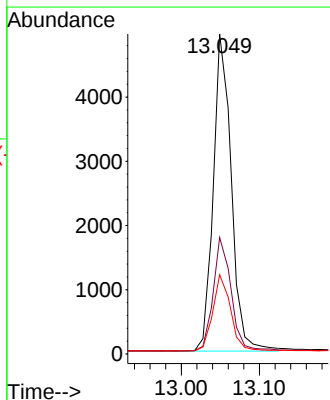
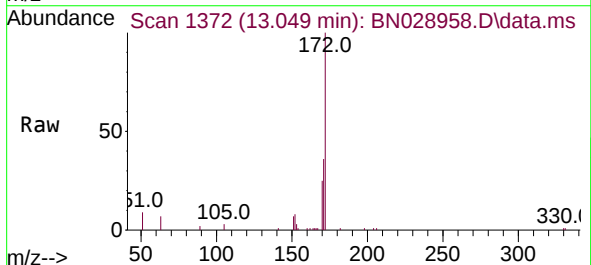


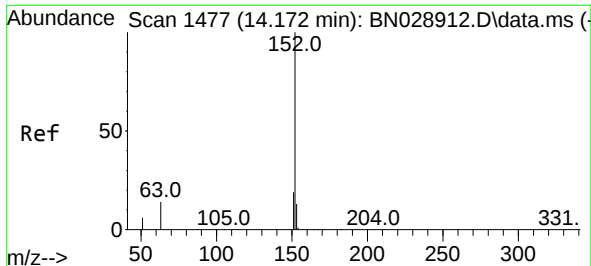
Tgt Ion:330 Resp: 783
Ion Ratio Lower Upper
330 100
332 97.4 75.4 113.2
141 43.8 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.424 ng
RT: 13.049 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BN028958.D
Acq: 01 Dec 2023 21:48

Tgt Ion:172 Resp: 7871
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 24.8 19.7 29.5

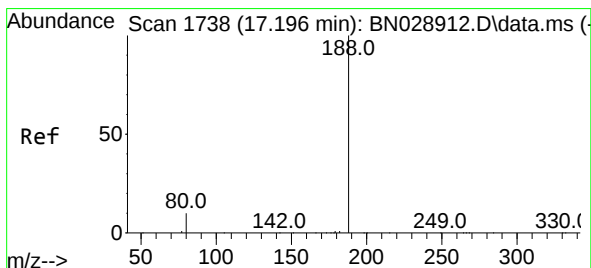
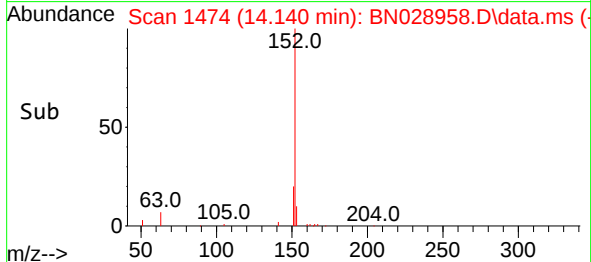
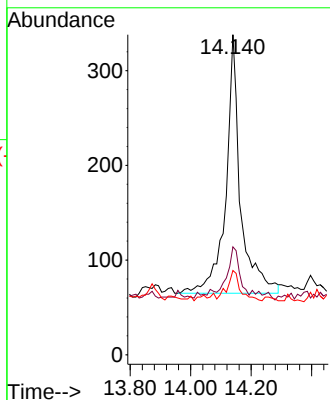
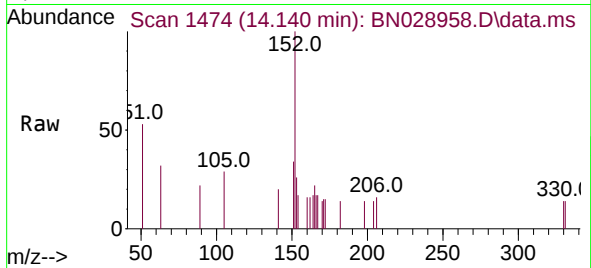




#16
Acenaphthylene
Concen: 0.040 ng
RT: 14.140 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN028958.D
Acq: 01 Dec 2023 21:48

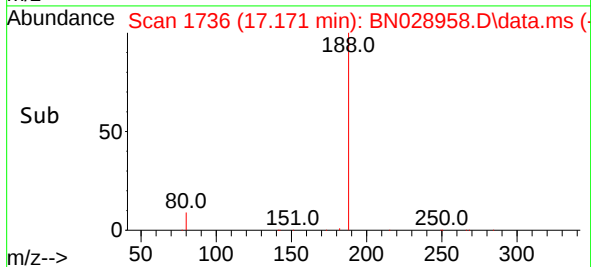
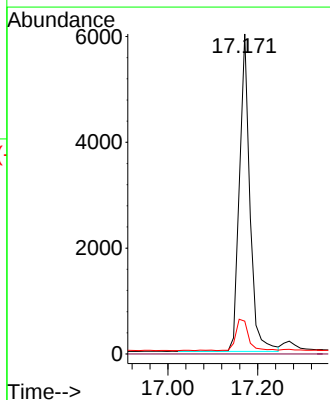
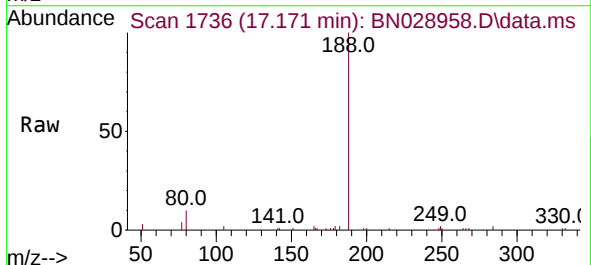
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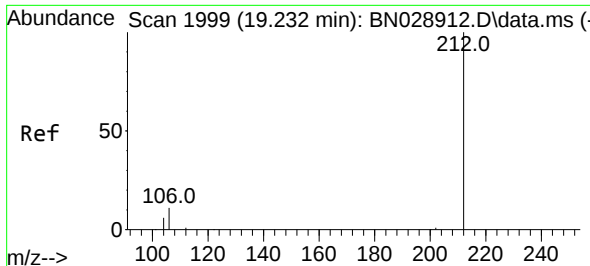
Tgt Ion:152 Resp: 920
Ion Ratio Lower Upper
152 100
151 16.1 15.9 23.9
153 10.2 10.8 16.2#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN028958.D
Acq: 01 Dec 2023 21:48

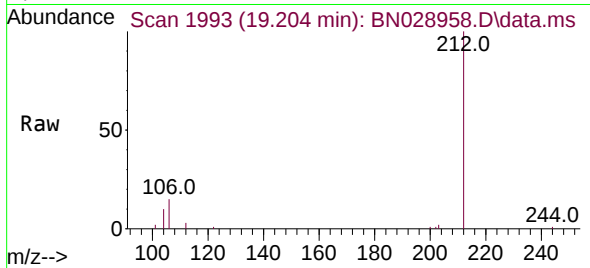
Tgt Ion:188 Resp: 9649
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 9.0 13.6



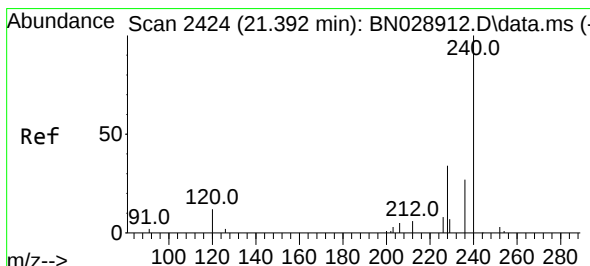
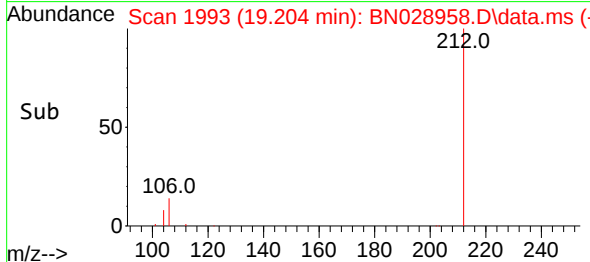
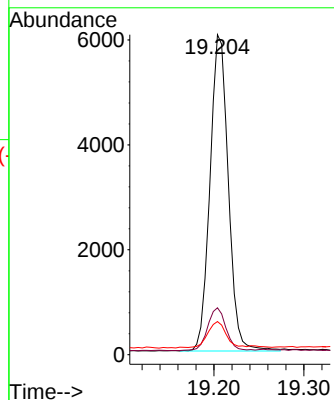


#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.204 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BN028958.D
Acq: 01 Dec 2023 21:48

Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20231108

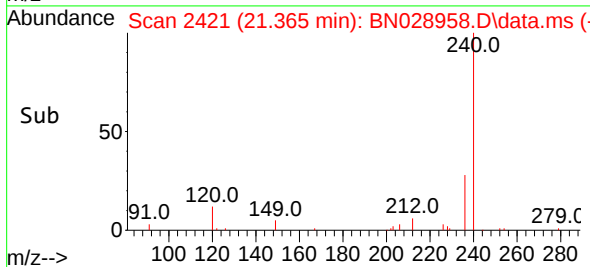
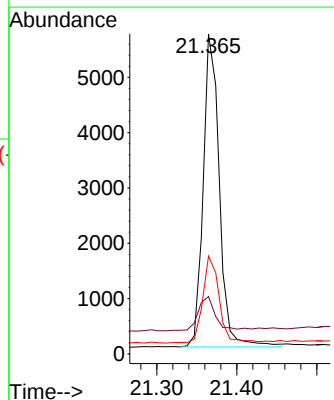
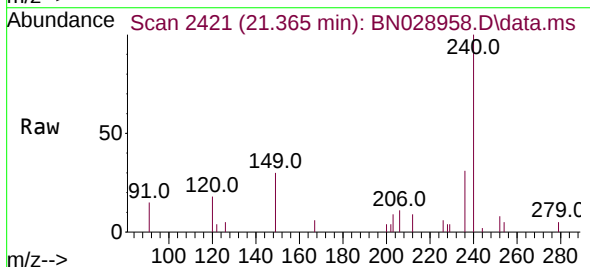


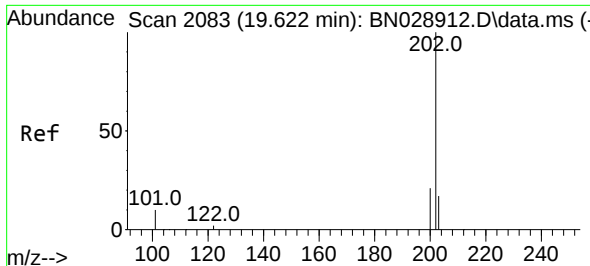
Tgt Ion:212 Resp: 8530
Ion Ratio Lower Upper
212 100
106 13.5 9.4 14.2
104 8.5 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.365 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN028958.D
Acq: 01 Dec 2023 21:48

Tgt Ion:240 Resp: 7928
Ion Ratio Lower Upper
240 100
120 17.9 37.1 55.7#
236 30.6 32.4 48.6#

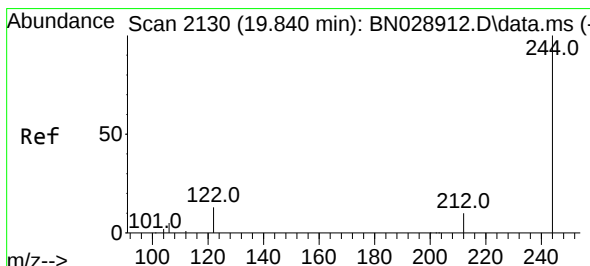
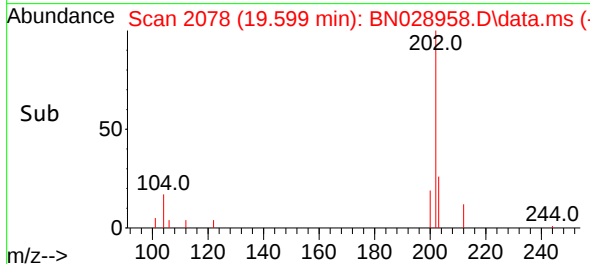
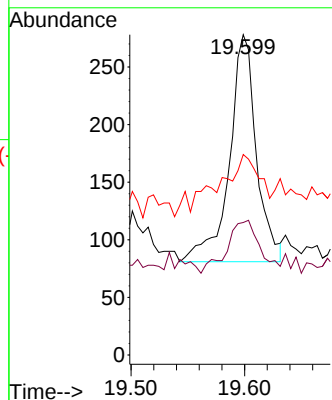
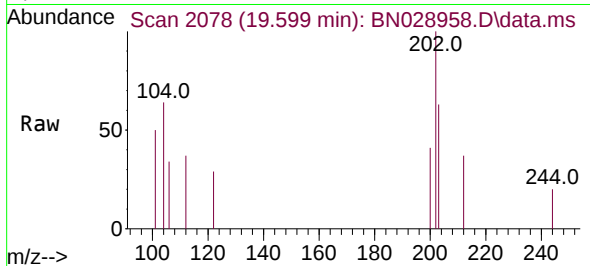




#30
 Pyrene
 Concen: 0.100 ng
 RT: 19.599 min Scan# 2083
 Delta R.T. -0.005 min
 Lab File: BN028958.D
 Acq: 01 Dec 2023 21:48

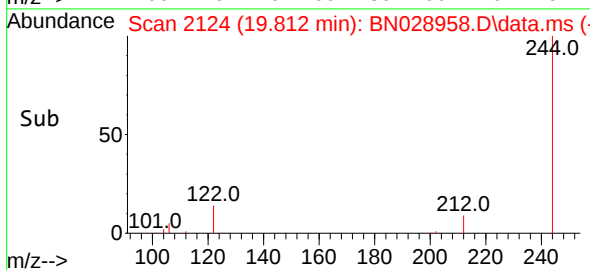
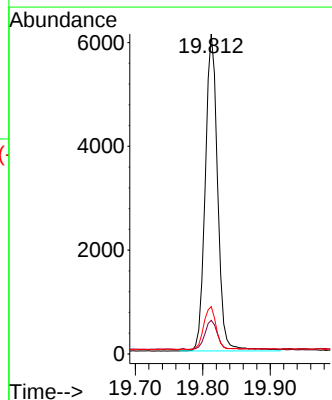
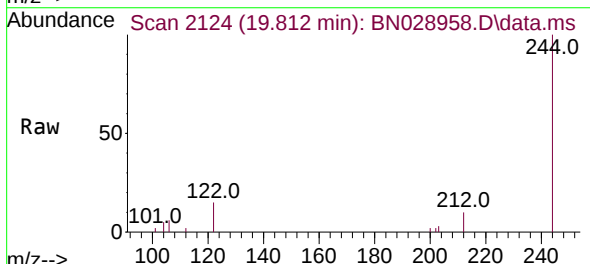
Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20231108

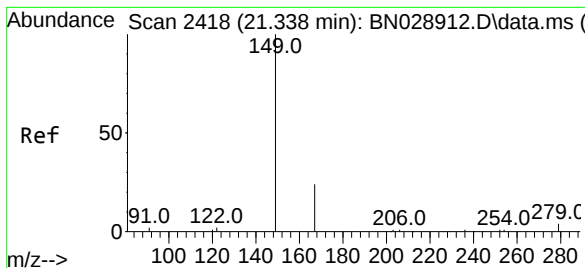
Tgt Ion:202 Resp: 326
 Ion Ratio Lower Upper
 202 100
 200 28.2 16.9 25.3#
 203 36.2 14.8 22.2#



#31
 Terphenyl-d14
 Concen: 0.365 ng
 RT: 19.812 min Scan# 2124
 Delta R.T. -0.005 min
 Lab File: BN028958.D
 Acq: 01 Dec 2023 21:48

Tgt Ion:244 Resp: 7797
 Ion Ratio Lower Upper
 244 100
 212 10.5 11.5 17.3#
 122 14.8 13.2 19.8

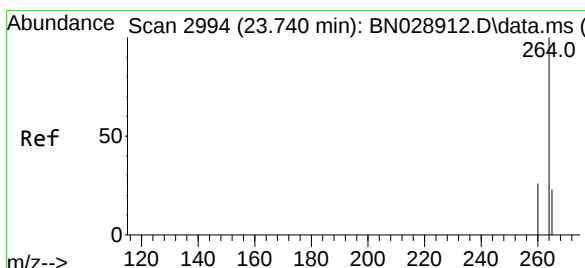
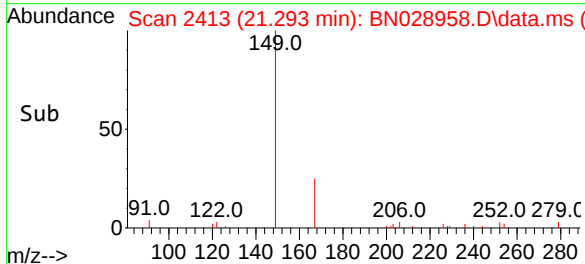
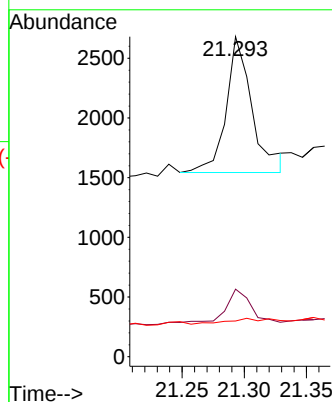
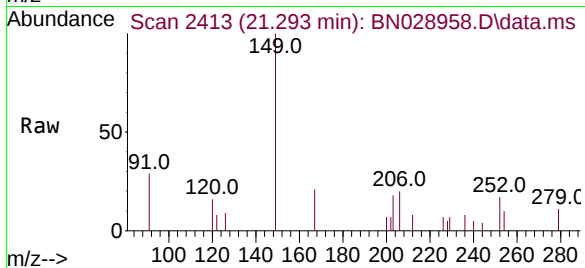




#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.293 min Scan# 2418
 Delta R.T. -0.009 min
 Lab File: BN028958.D
 Acq: 01 Dec 2023 21:48

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20231108

Tgt Ion:149 Resp: 1653
 Ion Ratio Lower Upper
 149 100
 167 28.6 14.9 22.3#
 279 8.1 6.3 9.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.699 min Scan# 2980
 Delta R.T. -0.009 min
 Lab File: BN028958.D
 Acq: 01 Dec 2023 21:48

Tgt Ion:264 Resp: 7243
 Ion Ratio Lower Upper
 264 100
 260 28.0 20.6 30.8
 265 92.6 464.5 696.7#

