

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028956.D
 Acq On : 01 Dec 2023 20:36
 Operator : MA/JU
 Sample : 05357-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20231108

Quant Time: Dec 01 23:16:48 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)

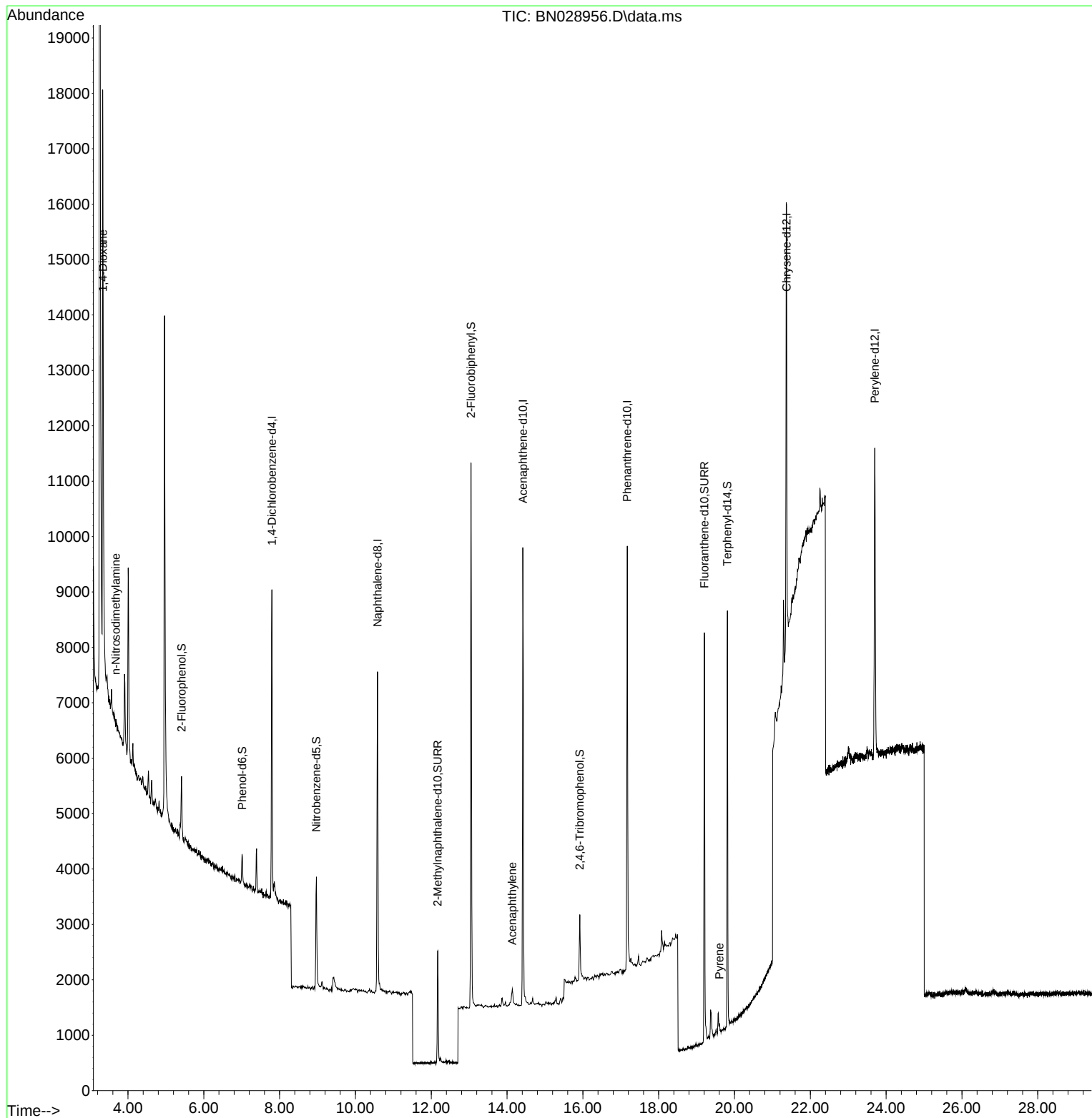
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2625	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	7813	0.400	ng	0.00
13) Acenaphthene-d10	14.418	164	4820	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	10545	0.400	ng	0.00
29) Chrysene-d12	21.374	240	8496	0.400	ng	# 0.00
35) Perylene-d12	23.702	264	7566	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	772	0.097	ng	0.00
5) Phenol-d6	7.010	99	524	0.059	ng	0.00
8) Nitrobenzene-d5	8.972	82	1842	0.237	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	2901	0.231	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	757	0.232	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	8588	0.413	ng	0.00
27) Fluoranthene-d10	19.204	212	8527	0.307	ng	0.00
31) Terphenyl-d14	19.813	244	7474	0.342	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.341	88	7447	2.897	ng	94
3) n-Nitrosodimethylamine	3.680	42	40	0.101	ng	# 14
16) Acenaphthylene	14.140	152	835	0.033	ng	# 96
30) Pyrene	19.604	202	210	0.097	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.293	149	1735	Below Cal		# 91

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

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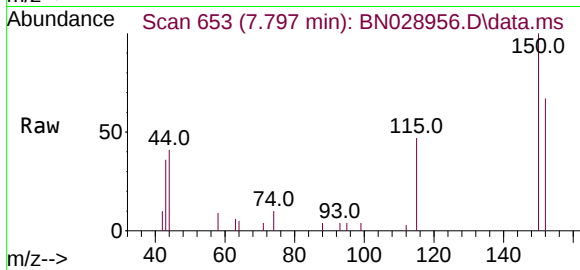
Quant Time: Dec 01 23:16:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
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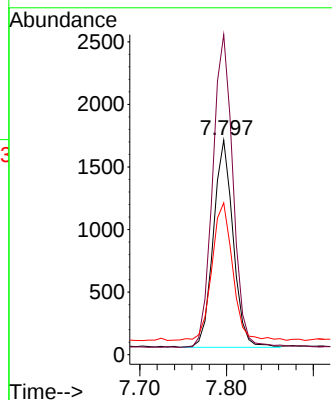
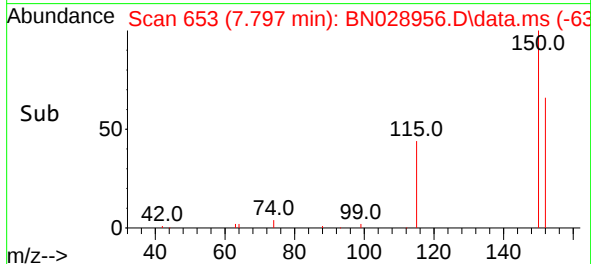


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

Instrument :
BNA_N
ClientSampleId :
RE114D2-20231108

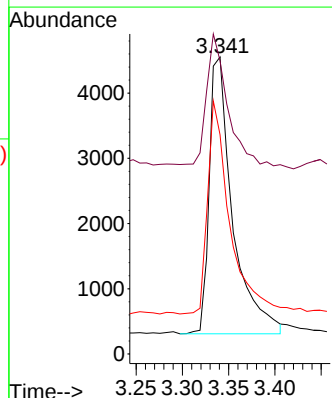
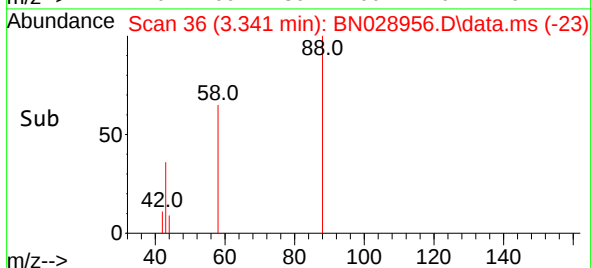
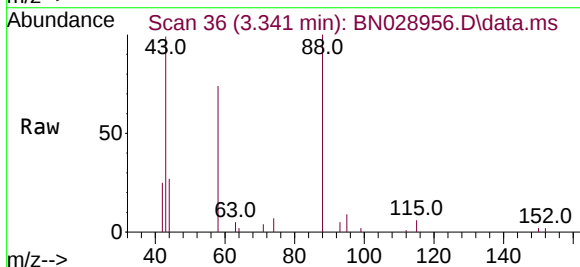


Tgt Ion:152 Resp: 2625
Ion Ratio Lower Upper
152 100
150 149.2 123.4 185.2
115 70.8 59.1 88.7



#2
1,4-Dioxane
Concen: 2.897 ng
RT: 3.341 min Scan# 36
Delta R.T. -0.007 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

Tgt Ion: 88 Resp: 7447
Ion Ratio Lower Upper
88 100
43 42.3 29.9 44.9
58 72.7 55.0 82.4

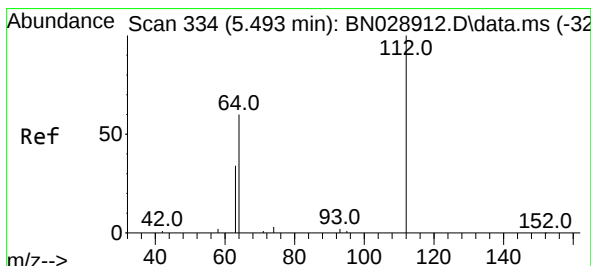
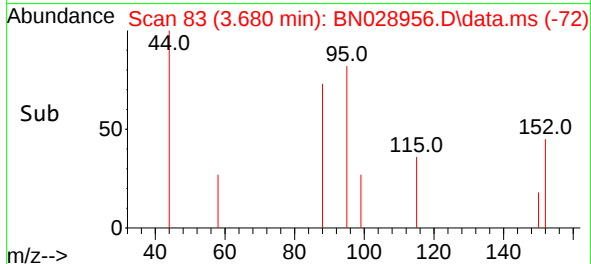
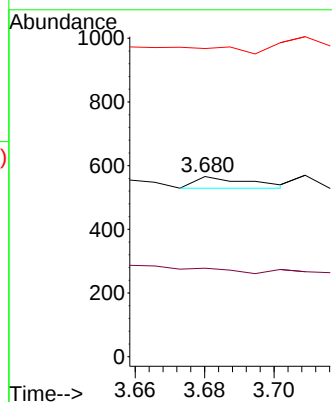
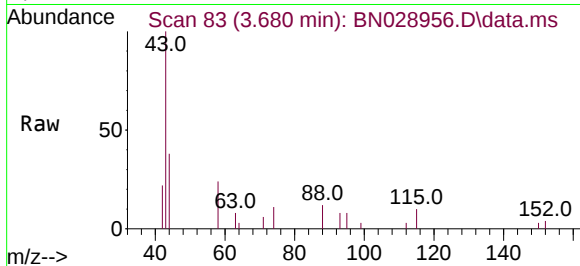




#3
n-Nitrosodimethylamine
Concen: 0.101 ng
RT: 3.680 min Scan# 81
Delta R.T. -0.022 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

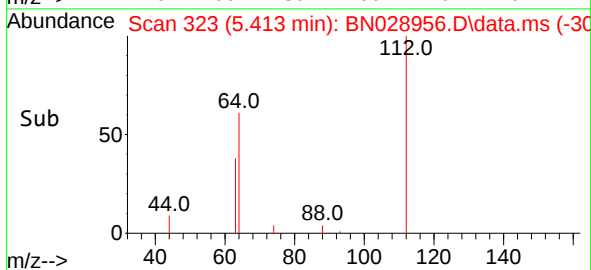
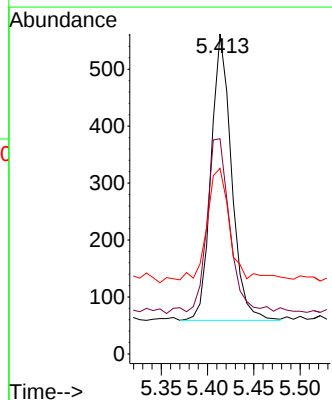
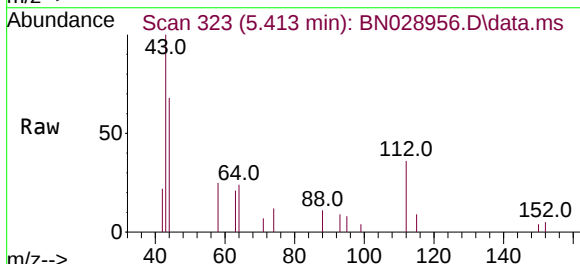
Instrument :
BNA_N
ClientSampleId :
RE114D2-20231108

Tgt Ion: 42 Resp: 40
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.6#
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

Tgt Ion: 112 Resp: 772
Ion Ratio Lower Upper
112 100
64 71.5 51.5 77.3
63 46.0 30.4 45.6#

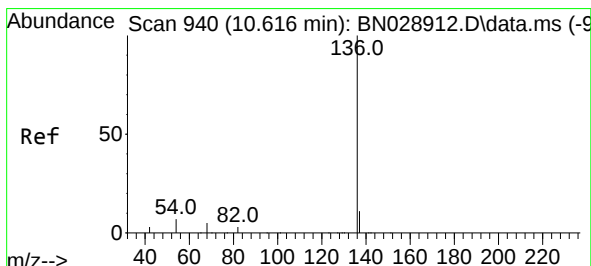
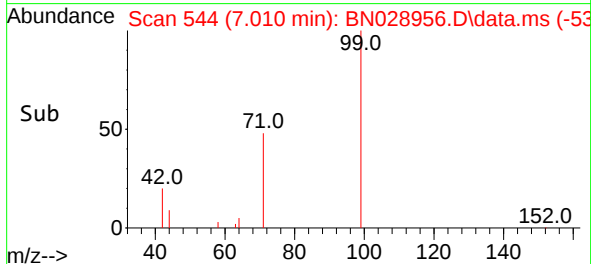
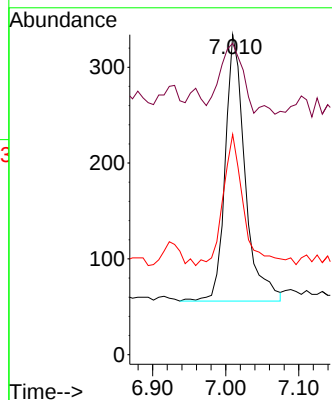
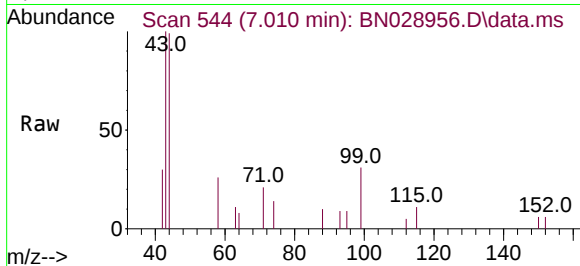




#5
Phenol-d6
Concen: 0.059 ng
RT: 7.010 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

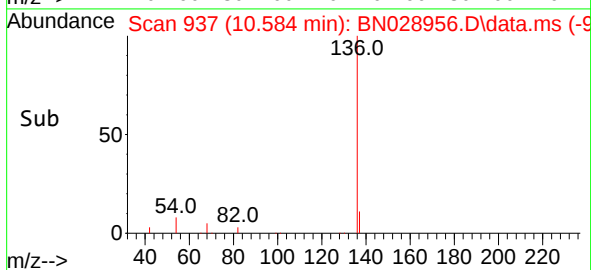
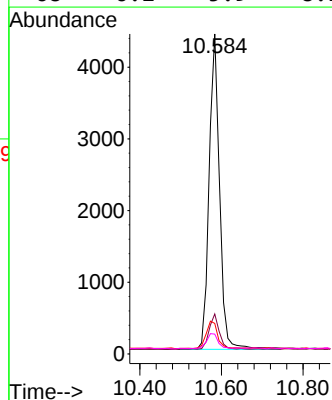
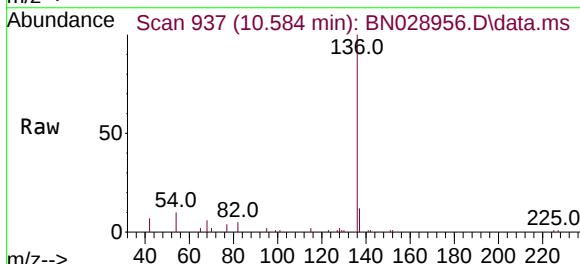
Instrument :
BNA_N
ClientSampleId :
RE114D2-20231108

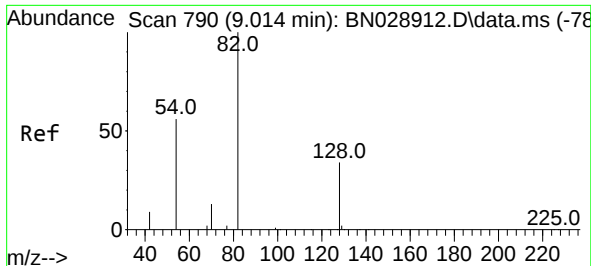
Tgt Ion: 99 Resp: 524
Ion Ratio Lower Upper
99 100
42 26.5 21.2 31.8
71 51.7 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

Tgt Ion: 136 Resp: 7813
Ion Ratio Lower Upper
136 100
137 12.5 10.6 16.0
54 9.5 7.5 11.3
68 6.2 5.9 8.9

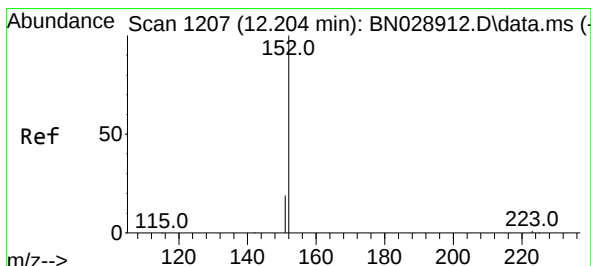
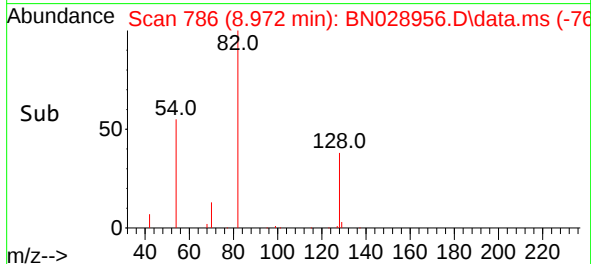
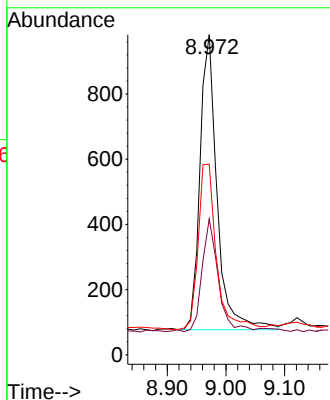
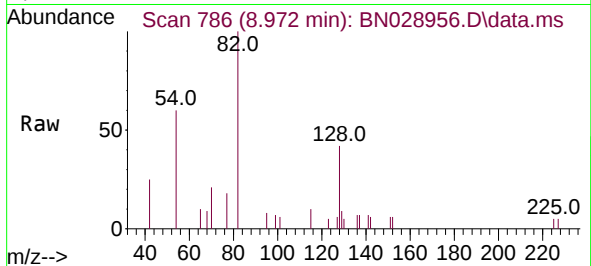




#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 8.972 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

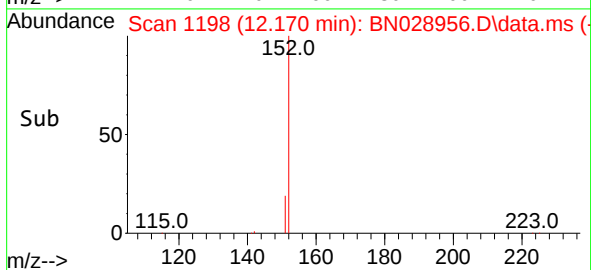
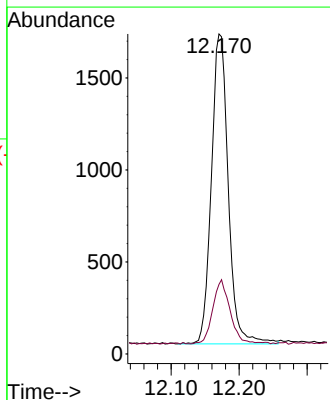
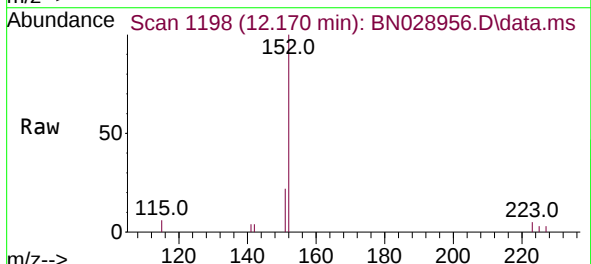
Instrument :
BNA_N
ClientSampleId :
RE114D2-20231108

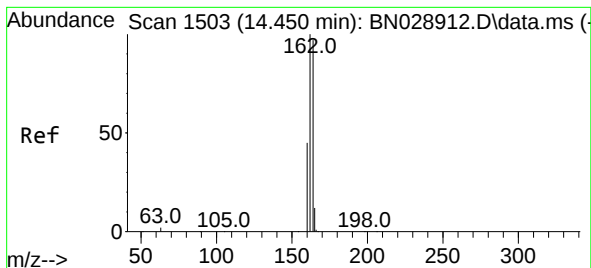
Tgt Ion: 82 Resp: 1842
Ion Ratio Lower Upper
82 100
128 42.5 29.2 43.8
54 59.6 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.231 ng
RT: 12.170 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

Tgt Ion:152 Resp: 2901
Ion Ratio Lower Upper
152 100
151 21.1 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: BN028956.D

Acq: 01 Dec 2023 20:36

Instrument :

BNA_N

ClientSampleId :

RE114D2-20231108

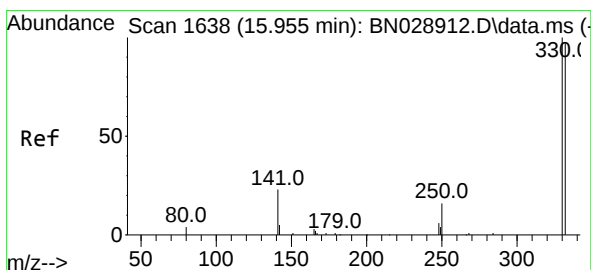
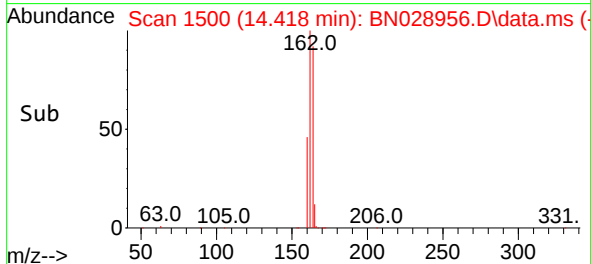
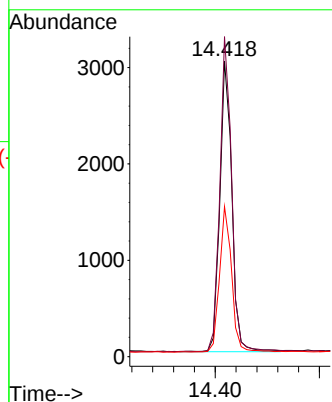
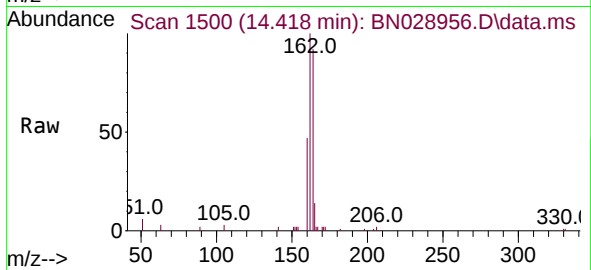
Tgt Ion:164 Resp: 4820

Ion Ratio Lower Upper

164 100

162 108.2 81.7 122.5

160 50.7 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.232 ng

RT: 15.918 min Scan# 1635

Delta R.T. 0.000 min

Lab File: BN028956.D

Acq: 01 Dec 2023 20:36

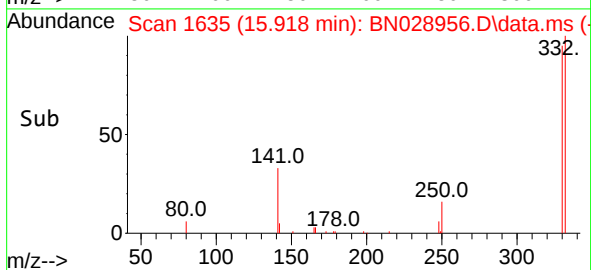
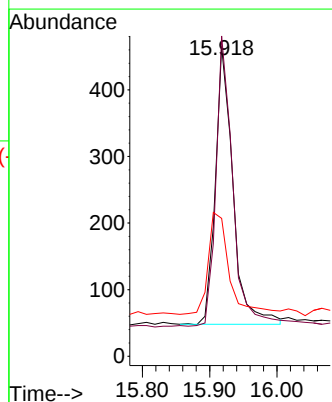
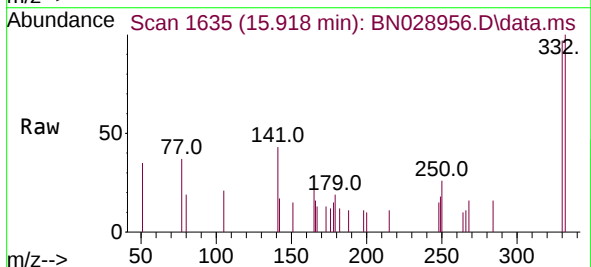
Tgt Ion:330 Resp: 757

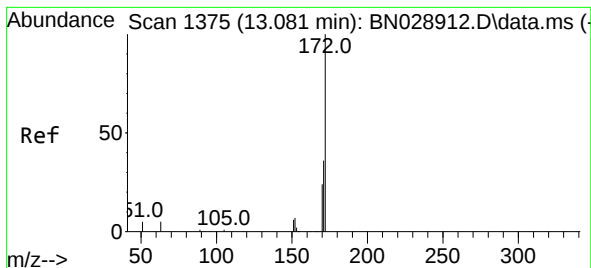
Ion Ratio Lower Upper

330 100

332 100.5 75.4 113.2

141 43.3 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.413 ng

RT: 13.049 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN028956.D

Acq: 01 Dec 2023 20:36

Instrument :

BNA_N

ClientSampleId :

RE114D2-20231108

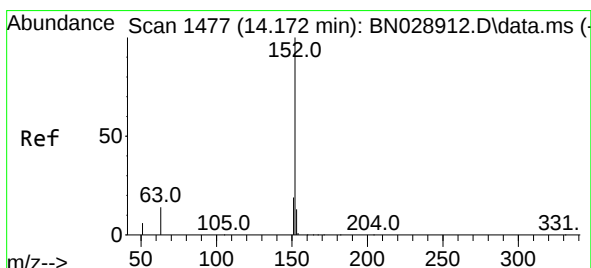
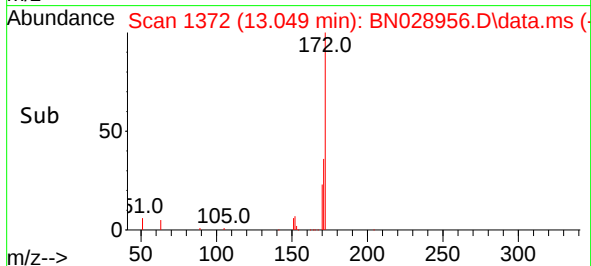
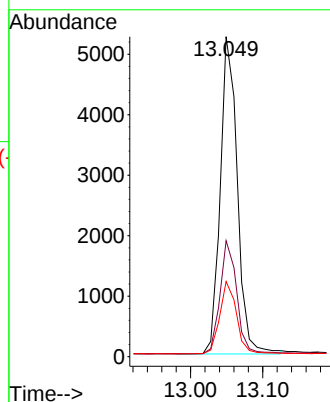
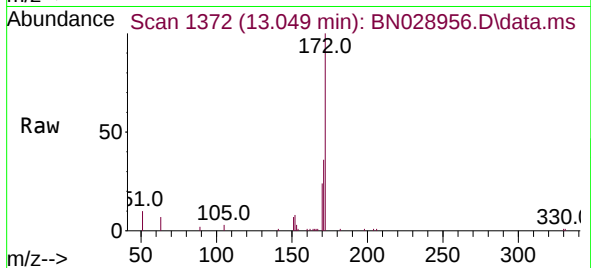
Tgt Ion:172 Resp: 8588

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 23.5 19.7 29.5



#16

Acenaphthylene

Concen: 0.033 ng

RT: 14.140 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BN028956.D

Acq: 01 Dec 2023 20:36

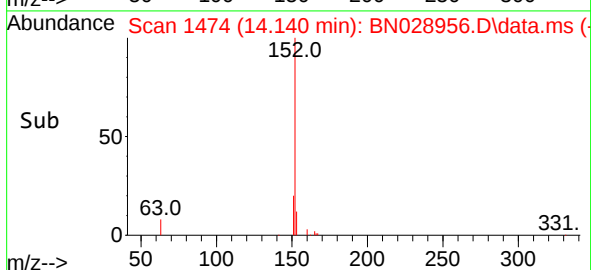
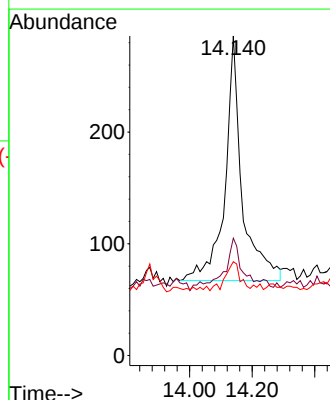
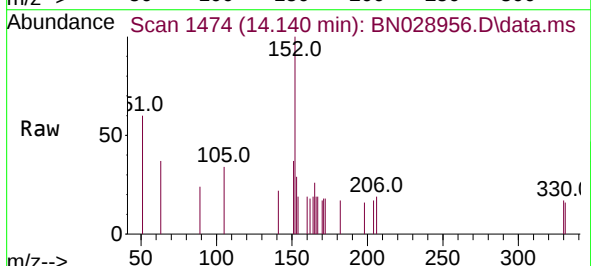
Tgt Ion:152 Resp: 835

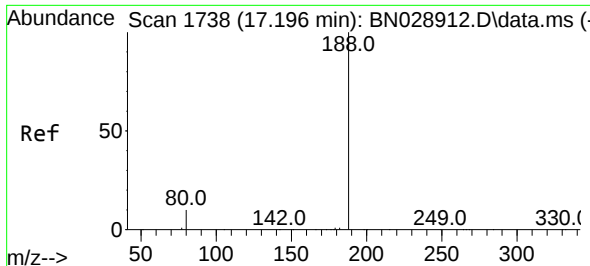
Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 10.1 10.8 16.2#

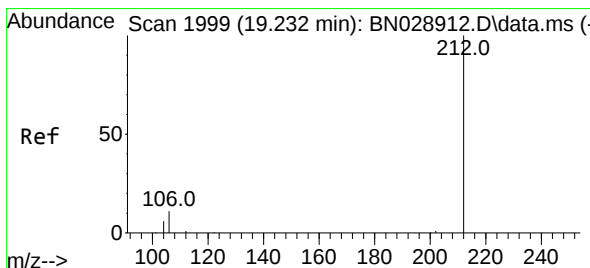
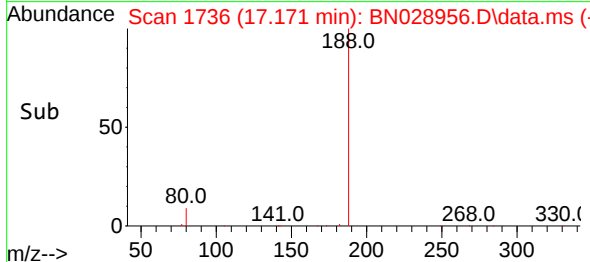
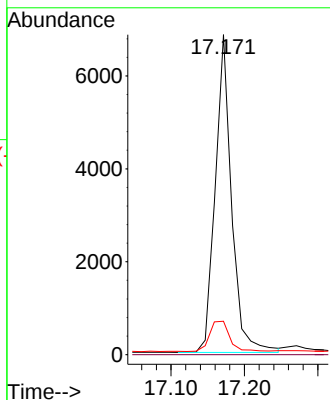
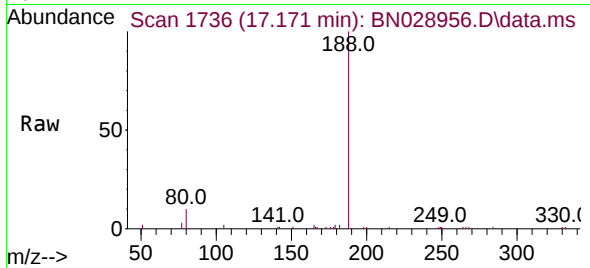




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

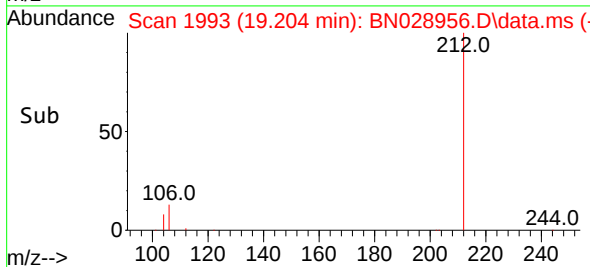
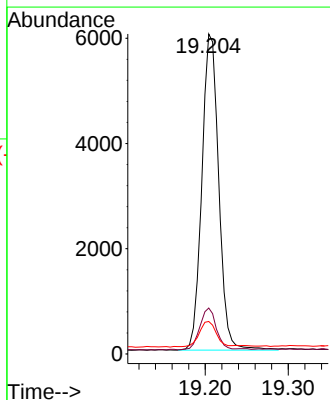
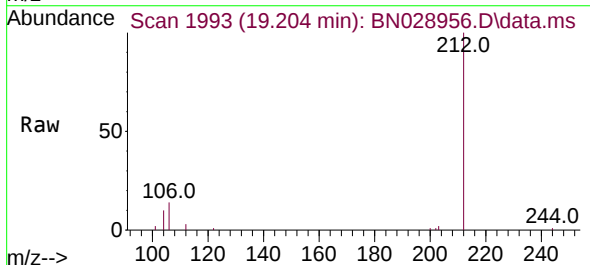
Instrument :
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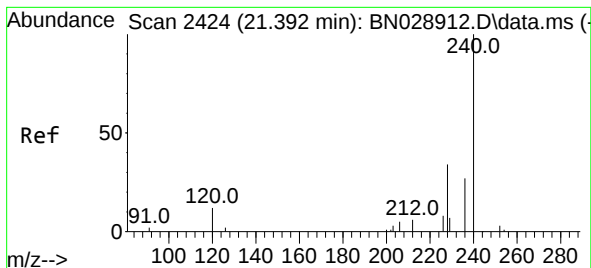
Tgt Ion:188 Resp: 10545
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.307 ng
RT: 19.204 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

Tgt Ion:212 Resp: 8527
Ion Ratio Lower Upper
212 100
106 12.8 9.4 14.2
104 8.3 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.374 min Scan# 2422

Delta R.T. 0.000 min

Lab File: BN028956.D

Acq: 01 Dec 2023 20:36

Instrument :

BNA_N

ClientSampleId :

RE114D2-20231108

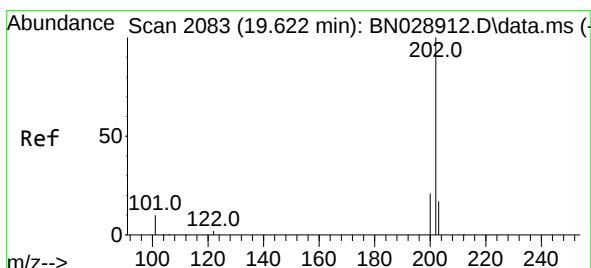
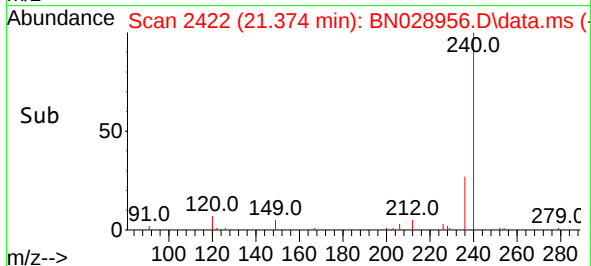
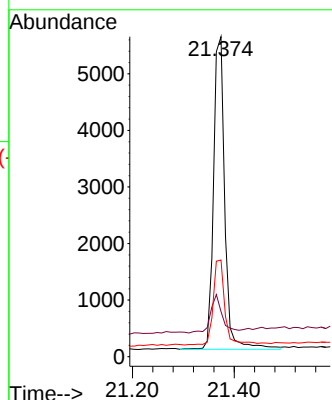
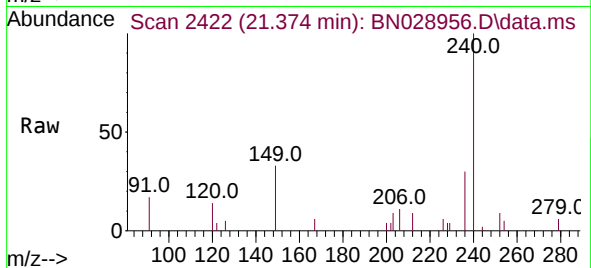
Tgt Ion:240 Resp: 8496

Ion Ratio Lower Upper

240 100

120 14.1 37.1 55.7#

236 30.2 32.4 48.6#



#30

Pyrene

Concen: 0.097 ng

RT: 19.604 min Scan# 2079

Delta R.T. 0.000 min

Lab File: BN028956.D

Acq: 01 Dec 2023 20:36

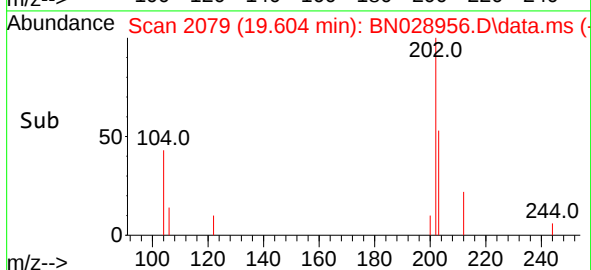
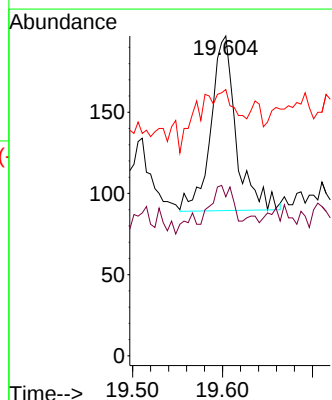
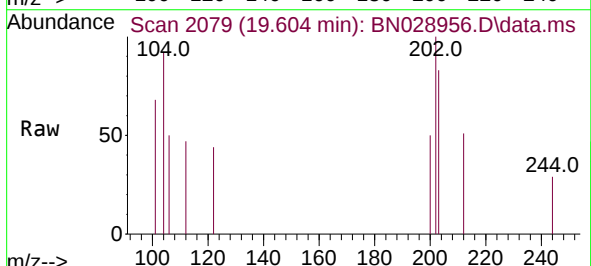
Tgt Ion:202 Resp: 210

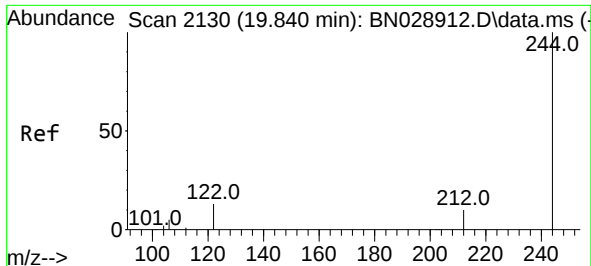
Ion Ratio Lower Upper

202 100

200 19.0 16.9 25.3

203 0.0 14.8 22.2#

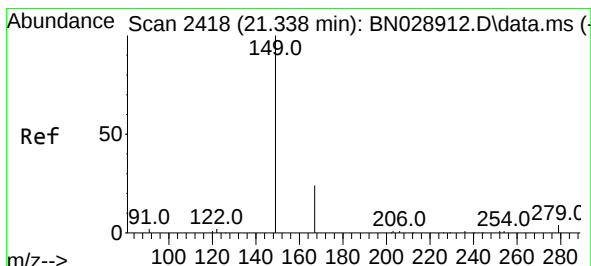
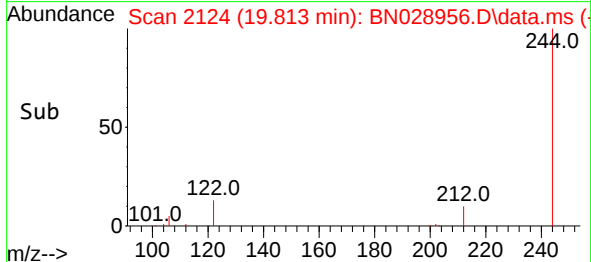
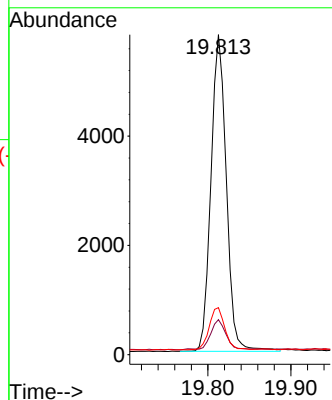
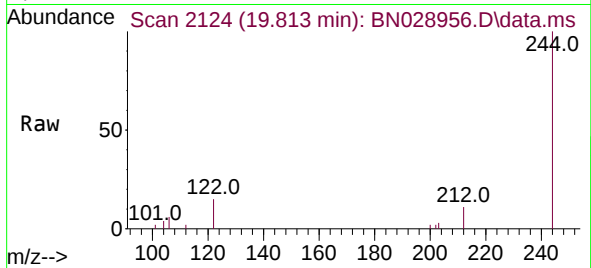




#31
 Terphenyl-d14
 Concen: 0.342 ng
 RT: 19.813 min Scan# 2130
 Delta R.T. -0.005 min
 Lab File: BN028956.D
 Acq: 01 Dec 2023 20:36

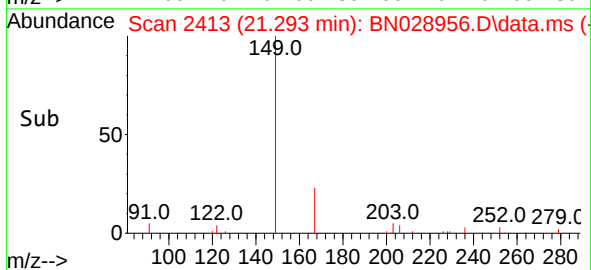
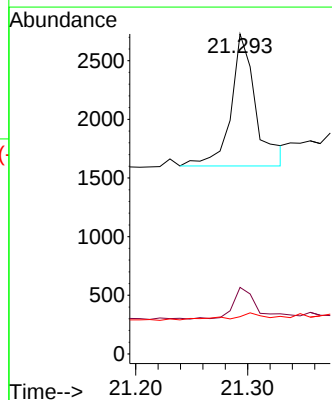
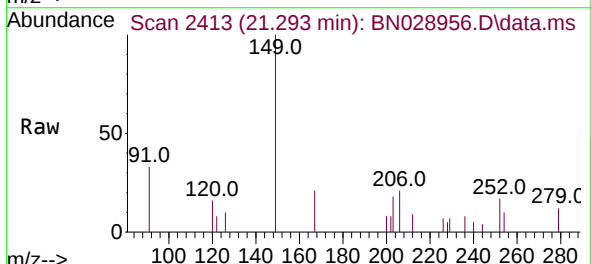
Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20231108

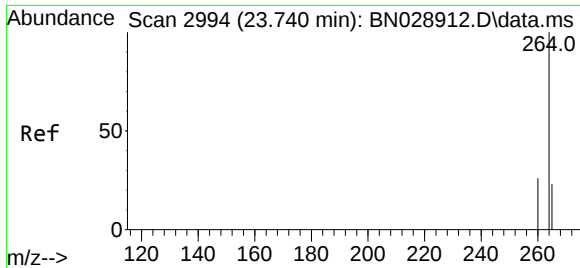
Tgt Ion:244 Resp: 7474
 Ion Ratio Lower Upper
 244 100
 212 11.0 11.5 17.3#
 122 14.7 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.293 min Scan# 2413
 Delta R.T. -0.009 min
 Lab File: BN028956.D
 Acq: 01 Dec 2023 20:36

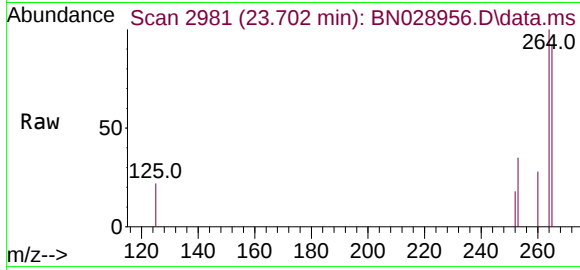
Tgt Ion:149 Resp: 1735
 Ion Ratio Lower Upper
 149 100
 167 24.5 14.9 22.3#
 279 8.1 6.3 9.5





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.702 min Scan# 2981
Delta R.T. -0.006 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

Instrument :
BNA_N
ClientSampleId :
RE114D2-20231108



Tgt Ion:264 Resp: 7566
Ion Ratio Lower Upper
264 100
260 27.7 20.6 30.8
265 91.6 464.5 696.7#

