

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)

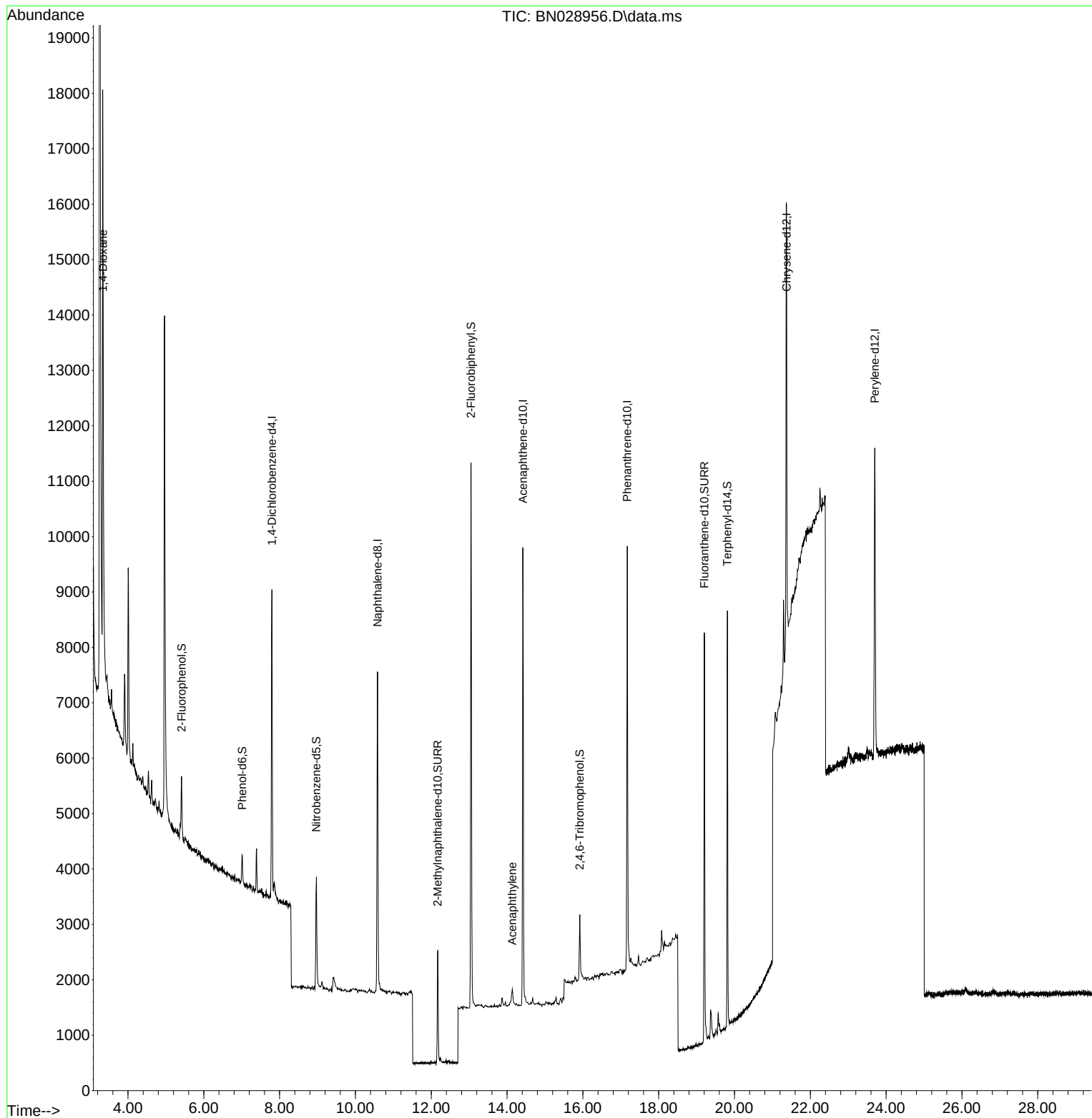
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2625	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	7813	0.400	ng	0.00
13) Acenaphthene-d10	14.418	164	4820	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	10545	0.400	ng	0.00
29) Chrysene-d12	21.374	240	8496	0.400	ng	# 0.00
35) Perylene-d12	23.702	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						
2) 1,4-Dioxane	3.341	88	7447	2.897	ng	Qvalue 94
16) Acenaphthylene	14.140	152	835	0.033	ng	# 96

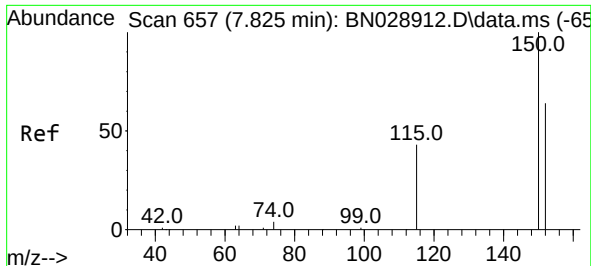
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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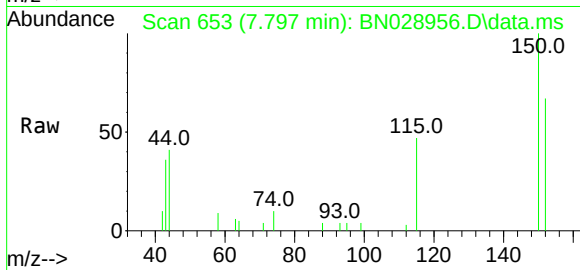
Quant Time: Dec 01 23:16:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



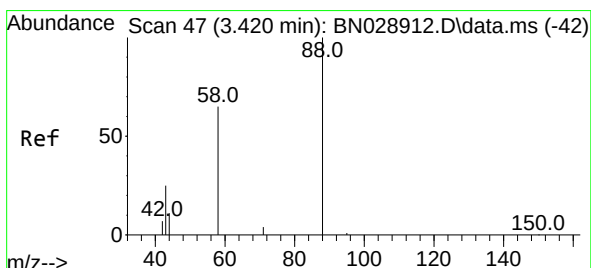
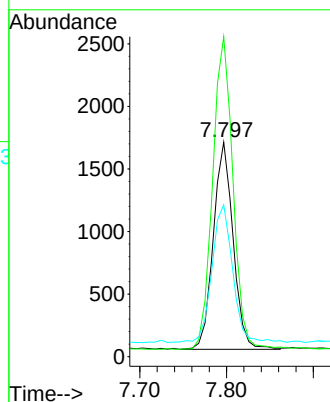
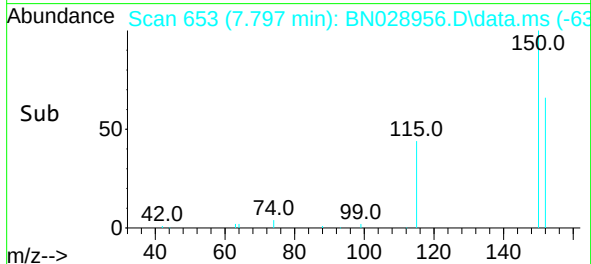


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.797 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028956.D
 Acq: 01 Dec 2023 20:36

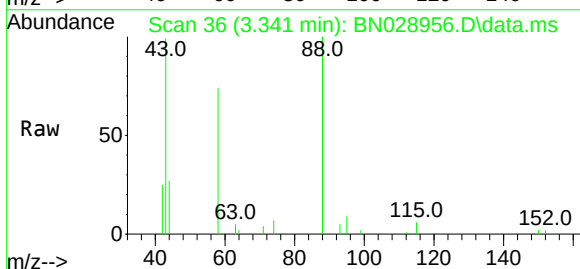
Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20231108



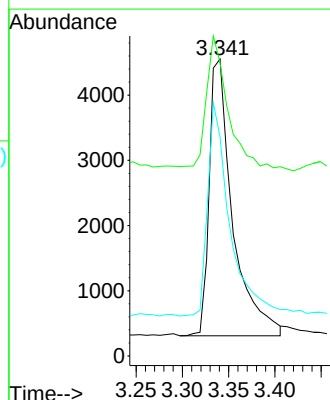
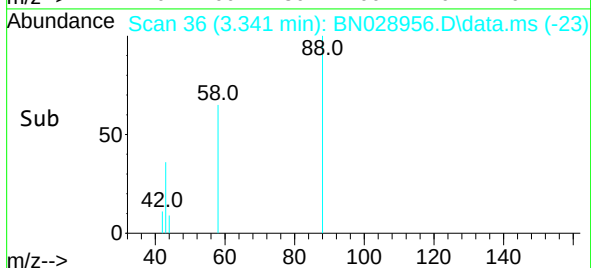
Tgt Ion:152 Resp: 2625
 Ion Ratio Lower Upper
 152 100
 150 149.2 123.4 185.2
 115 70.8 59.1 88.7

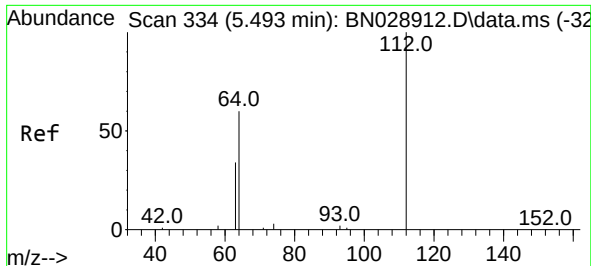


#2
 1,4-Dioxane
 Concen: 2.897 ng
 RT: 3.341 min Scan# 36
 Delta R.T. -0.007 min
 Lab File: BN028956.D
 Acq: 01 Dec 2023 20:36



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





#4

2-Fluorophenol

Concen: 0.097 ng

RT: 5.413 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN028956.D

Acq: 01 Dec 2023 20:36

Instrument :

BNA_N

ClientSampleId :

RE114D2-20231108

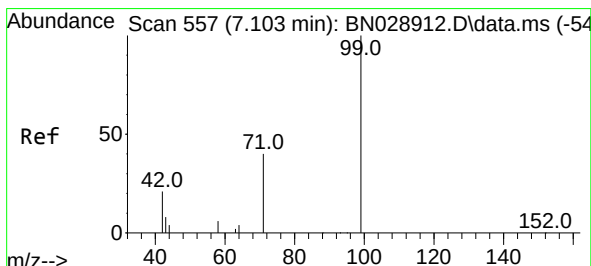
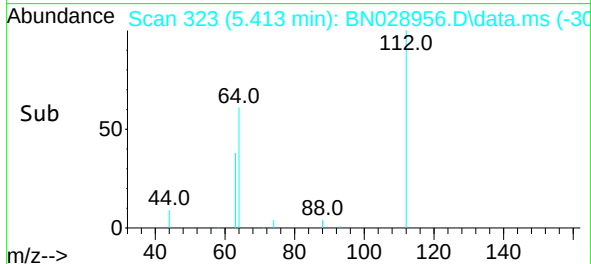
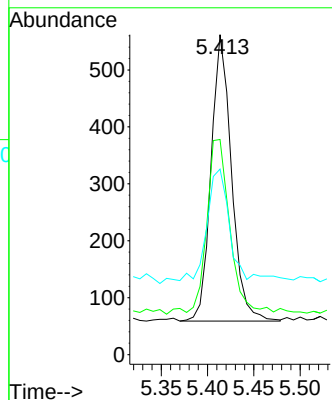
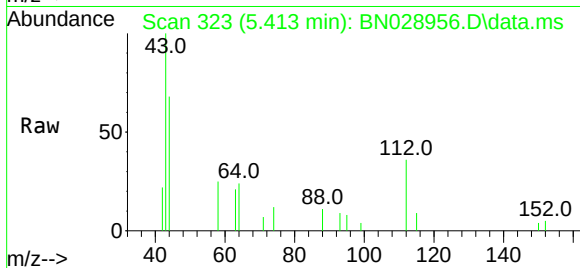
Tgt Ion:112 Resp: 772

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# 544

Delta R.T. 0.000 min

Lab File: BN028956.D

Acq: 01 Dec 2023 20:36

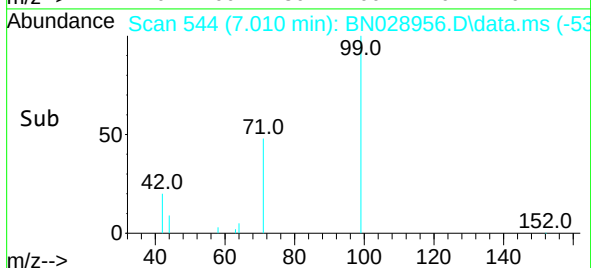
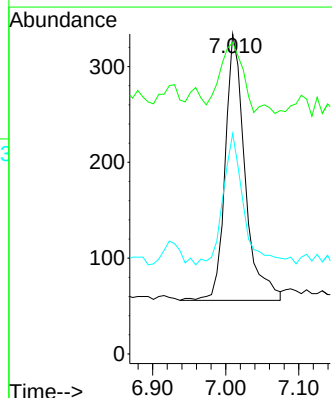
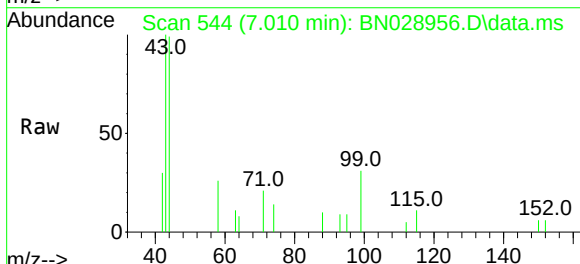
Tgt Ion: 99 Resp: 524

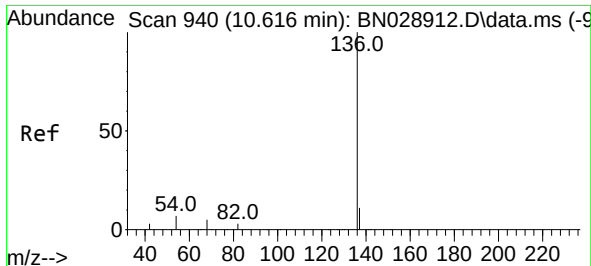
Ion Ratio Lower Upper

99 100

42 26.5 21.2 31.8

71 51.7 35.4 53.0

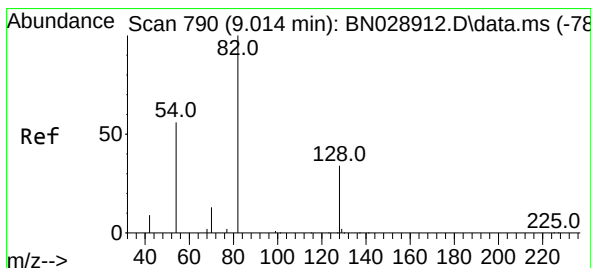
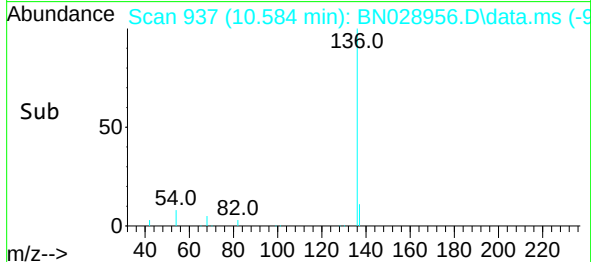
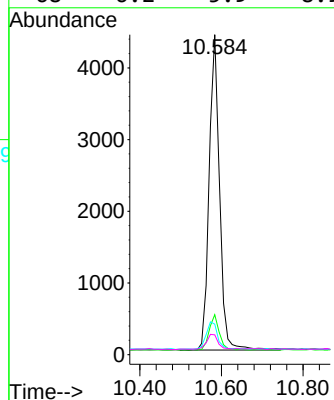
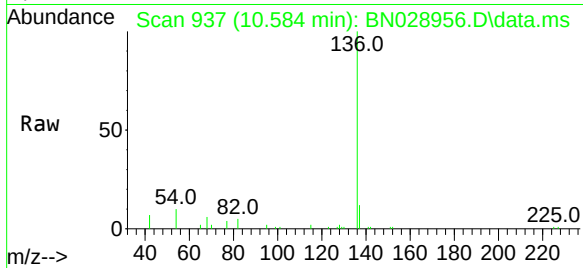




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

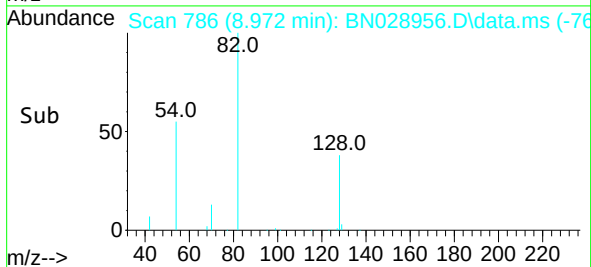
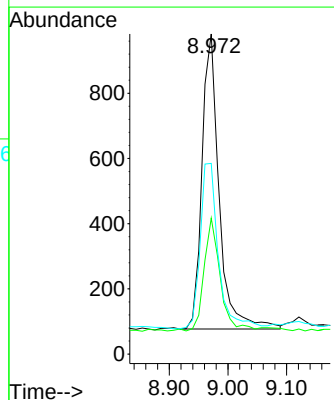
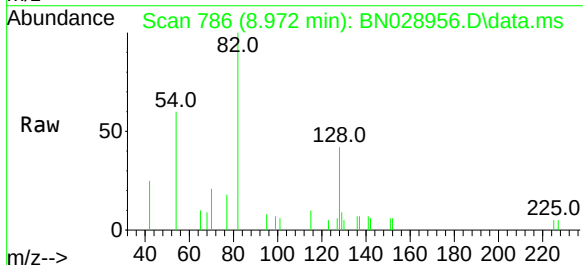
Instrument :
BNA_N
ClientSampleId :
RE114D2-20231108

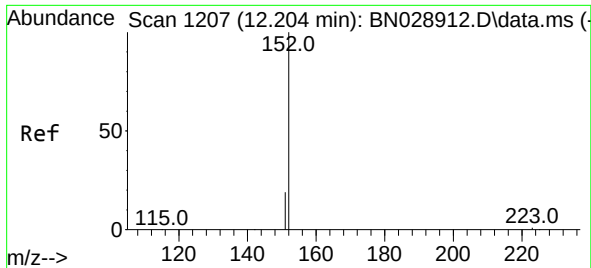
Tgt Ion:	136	Resp:	7813
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.6	16.0
54	9.5	7.5	11.3
68	6.2	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 8.972 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

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

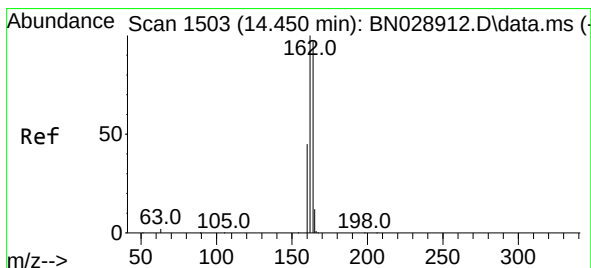
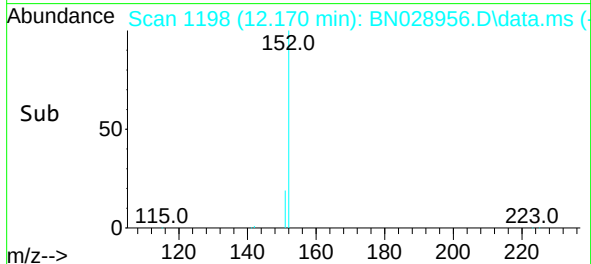
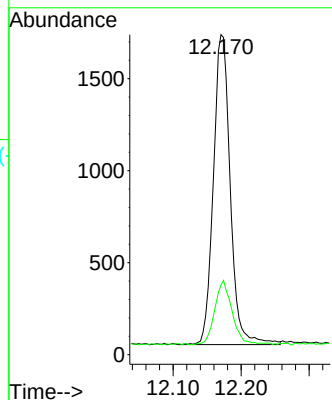
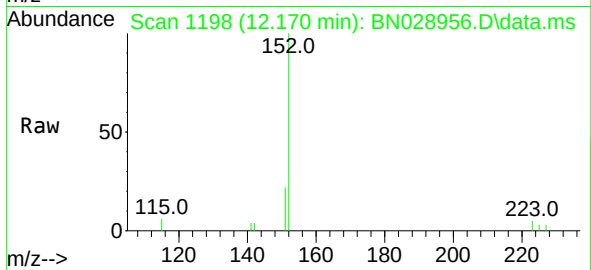




#11
2-Methylnaphthalene-d10
Concen: 0.231 ng
RT: 12.170 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

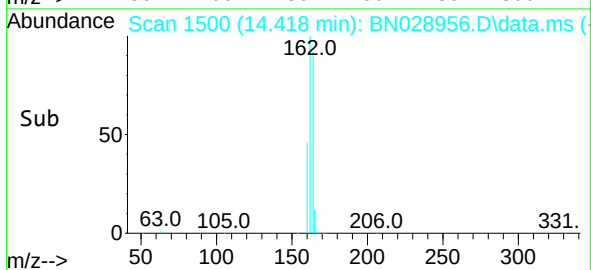
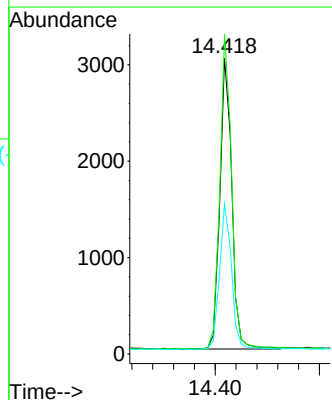
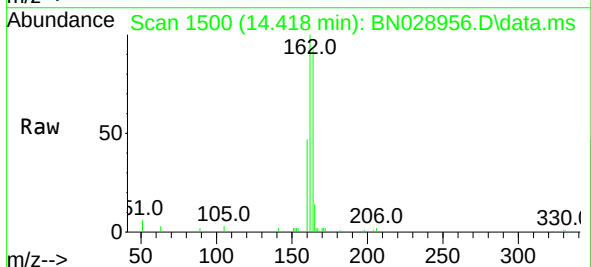
Instrument :
BNA_N
ClientSampleId :
RE114D2-20231108

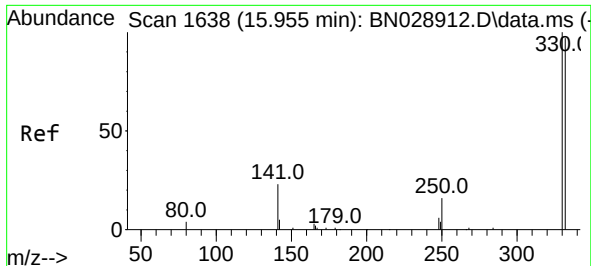
Tgt Ion:152 Resp: 2901
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.418 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

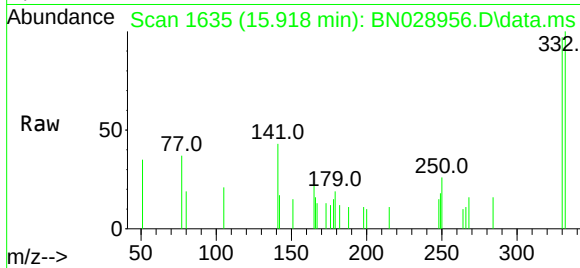
Tgt Ion:164 Resp: 4820
Ion Ratio Lower Upper
164 100
162 108.2 81.7 122.5
160 50.7 37.0 55.6



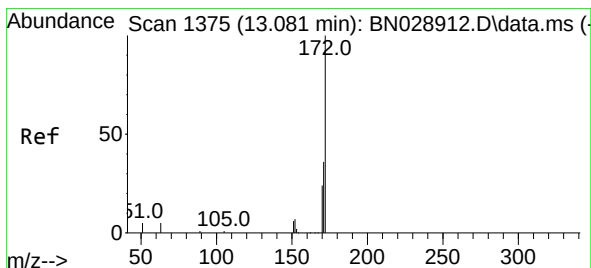
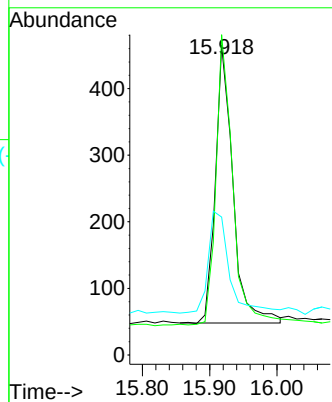
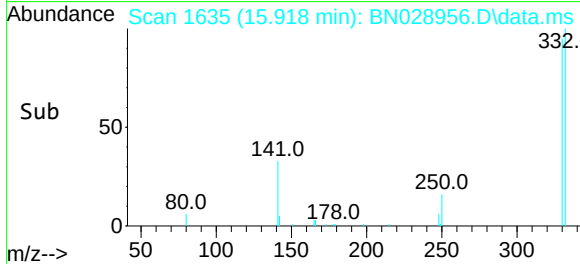


#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 15.918 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

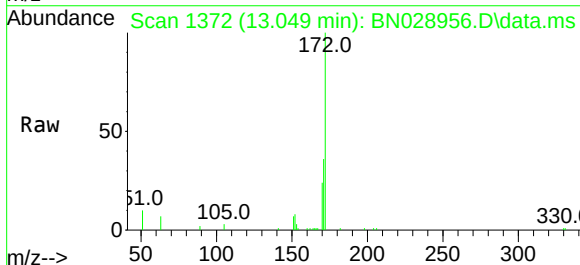
Instrument :
BNA_N
ClientSampleId :
RE114D2-20231108



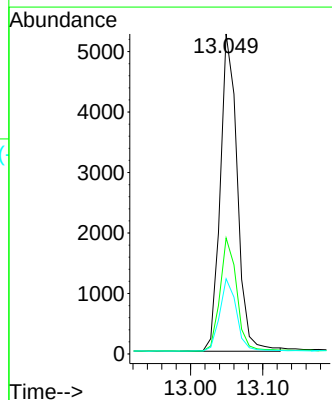
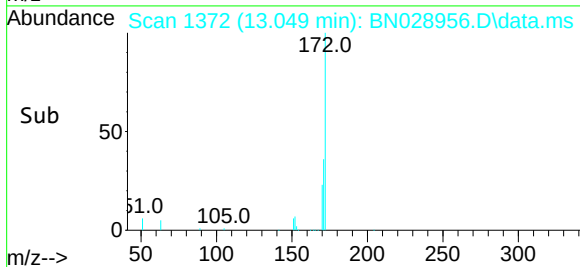
Tgt Ion:330 Resp: 757
Ion Ratio Lower Upper
330 100
332 100.5 75.4 113.2
141 43.3 35.7 53.5

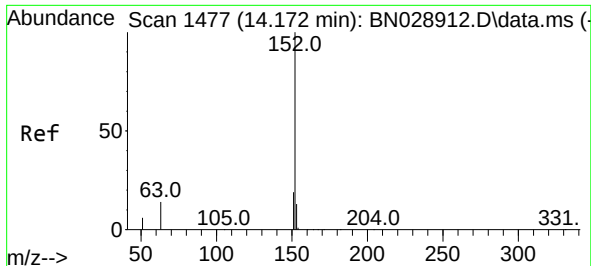


#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.049 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36



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

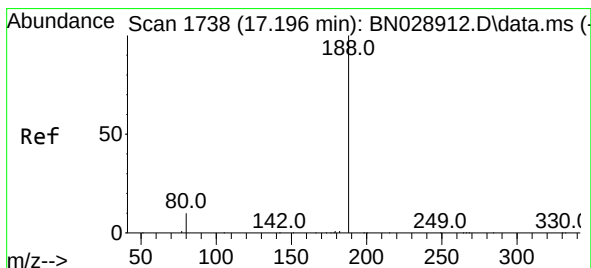
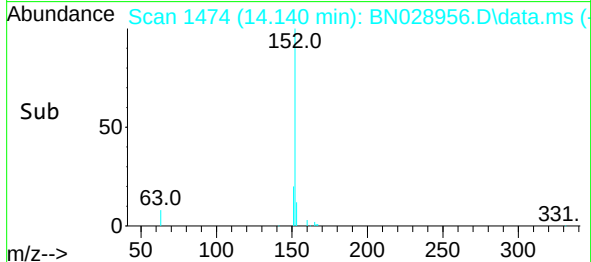
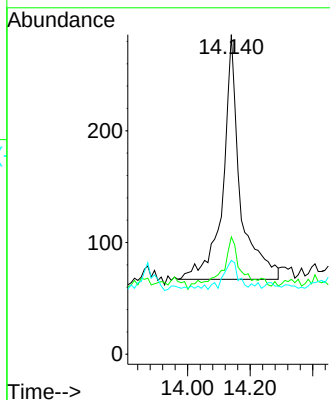
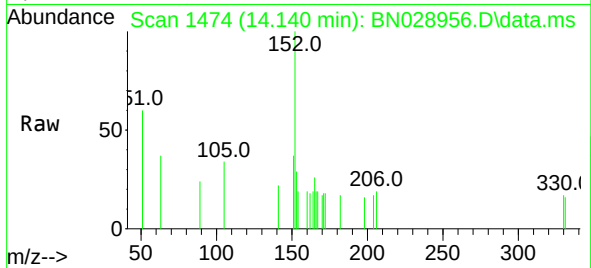




#16
Acenaphthylene
Concen: 0.033 ng
RT: 14.140 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

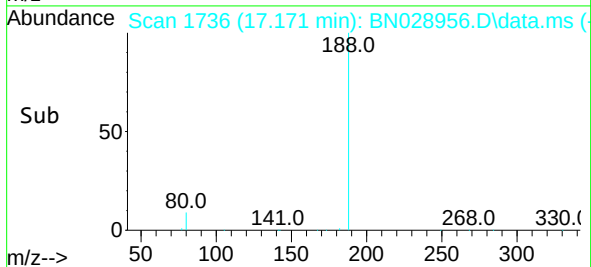
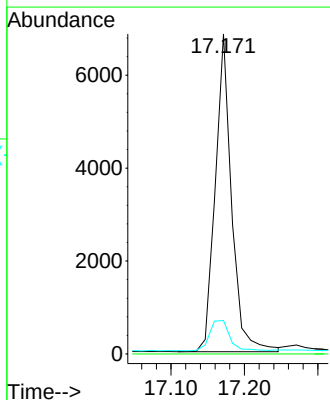
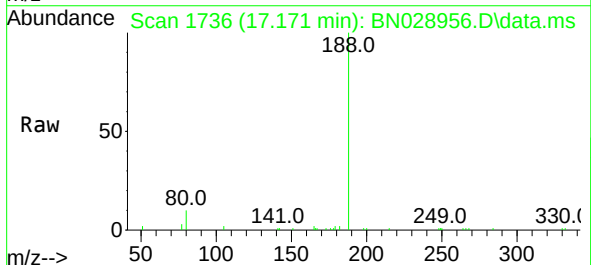
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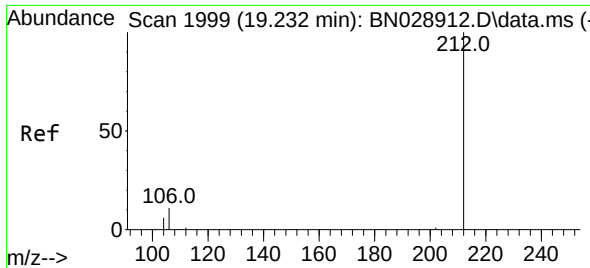
Tgt Ion:152 Resp: 835
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 10.1 10.8 16.2#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

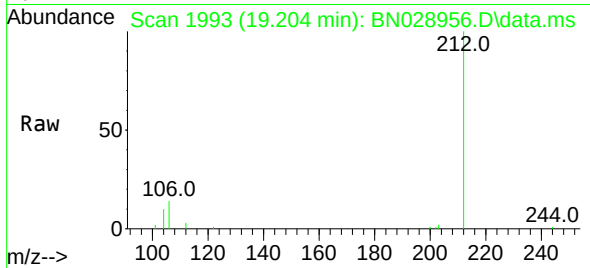
Tgt Ion:188 Resp: 10545
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 9.0 13.6



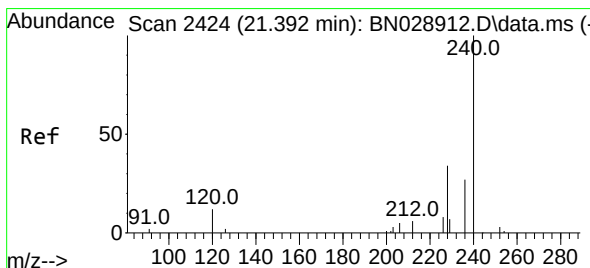
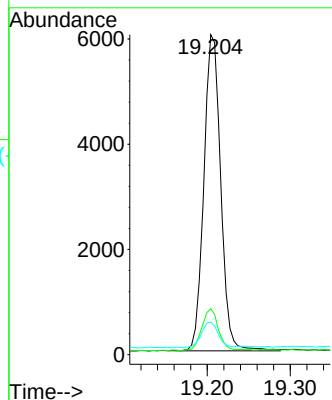


#27
Fluoranthene-d10
Concen: 0.307 ng
RT: 19.204 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

Instrument :
BNA_N
ClientSampleId :
RE114D2-20231108

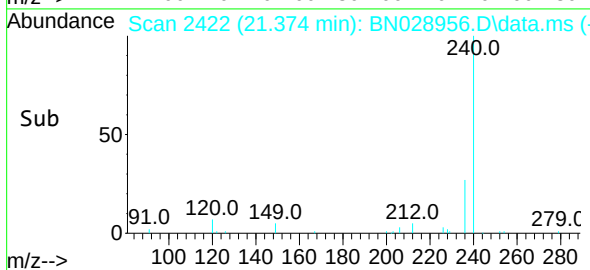
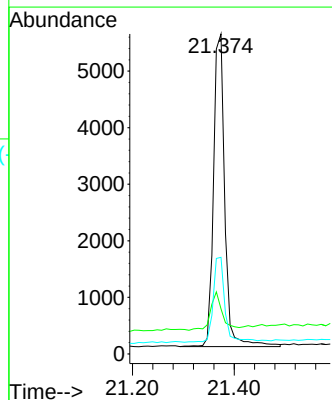
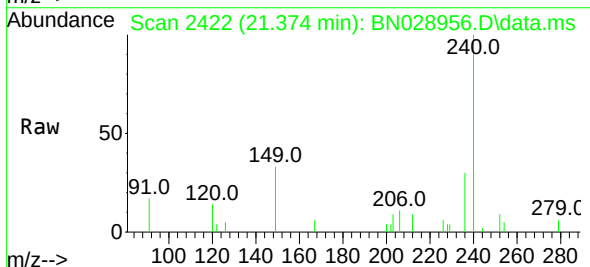


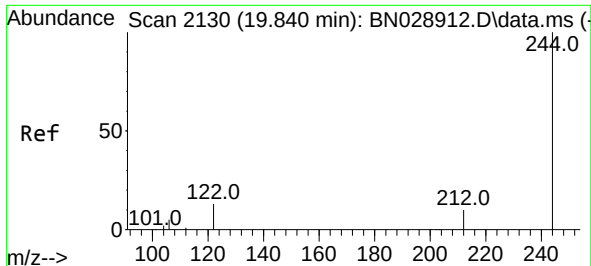
Tgt Ion:212 Resp: 8527
Ion Ratio Lower Upper
212 100
106 12.8 9.4 14.2
104 8.3 6.2 9.2



#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

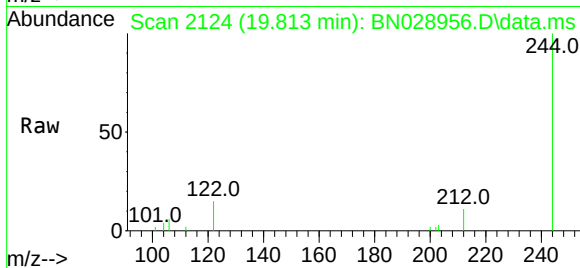
Tgt Ion:240 Resp: 8496
Ion Ratio Lower Upper
240 100
120 14.1 37.1 55.7#
236 30.2 32.4 48.6#



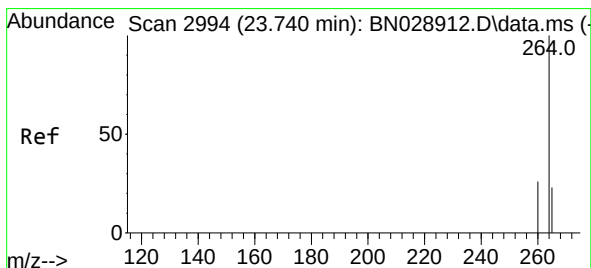
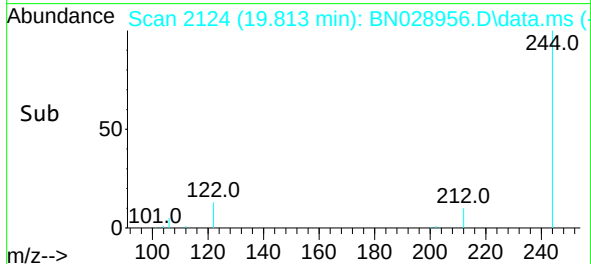
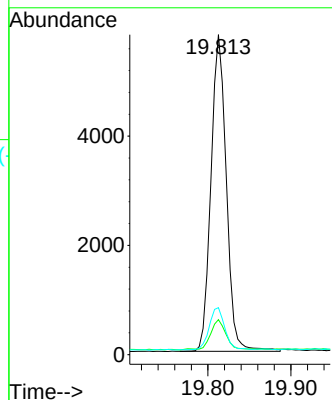


#31
Terphenyl-d14
Concen: 0.342 ng
RT: 19.813 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BN028956.D
Acq: 01 Dec 2023 20:36

Instrument :
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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



#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

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#

