

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028991.D
 Acq On : 02 Dec 2023 19:59
 Operator : MA/JU
 Sample : 05404-11
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20231109

Quant Time: Dec 03 08:15:39 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)

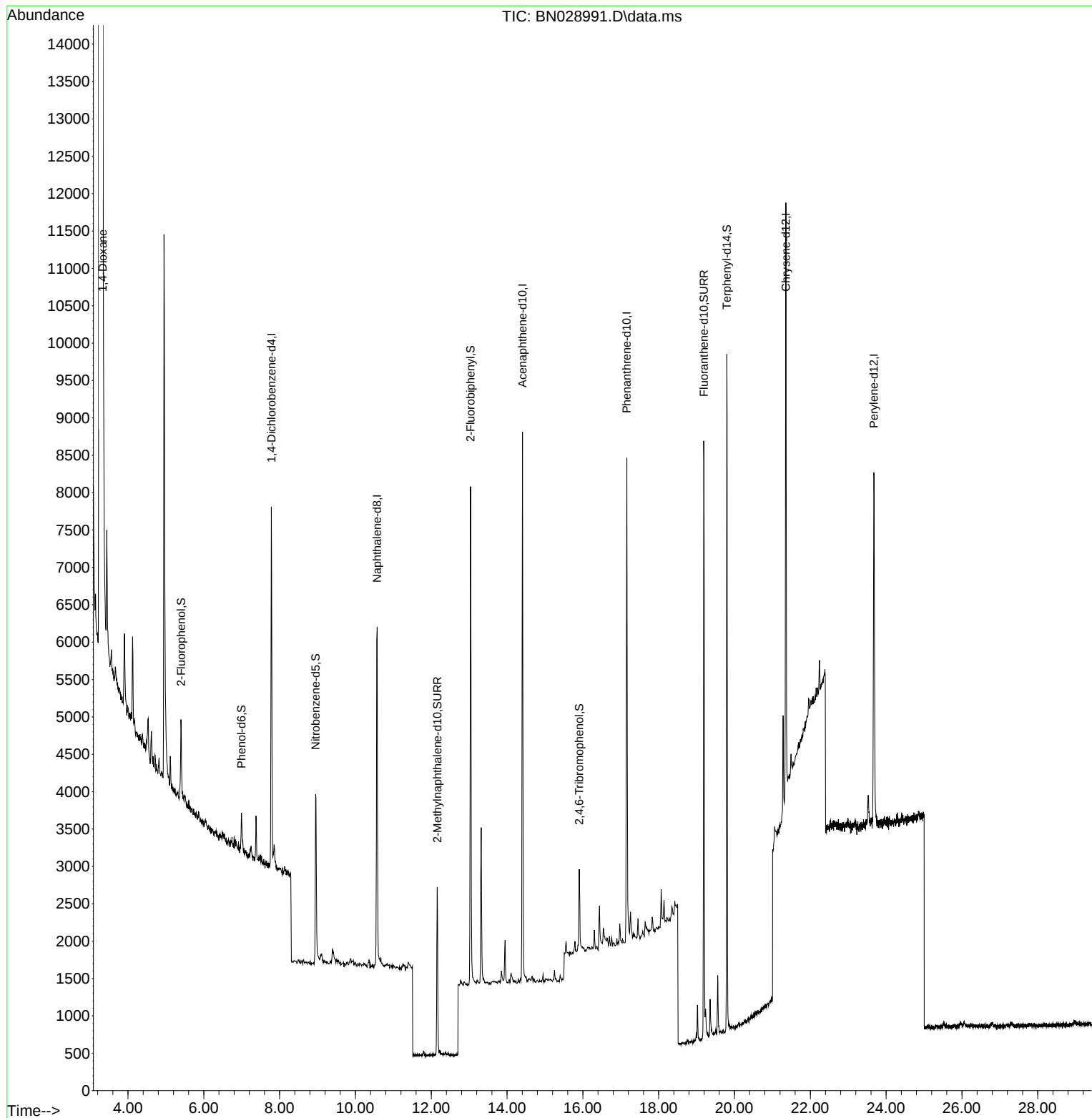
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	2279	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	6519	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	4208	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	9054	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	7529	0.400	ng	#-0.02
35) Perylene-d12	23.678	264	6869	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	731	0.106	ng	0.00
5) Phenol-d6	6.995	99	457	0.060	ng	-0.01
8) Nitrobenzene-d5	8.950	82	2219	0.342	ng	-0.02
11) 2-Methylnaphthalene-d10	12.159	152	3191	0.305	ng	-0.01
14) 2,4,6-Tribromophenol	15.905	330	722	0.254	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	5706	0.314	ng	-0.01
27) Fluoranthene-d10	19.190	212	9443	0.397	ng	-0.02
31) Terphenyl-d14	19.799	244	8929	0.410	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.333	88	6518	2.920	ng	Qvalue # 94

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

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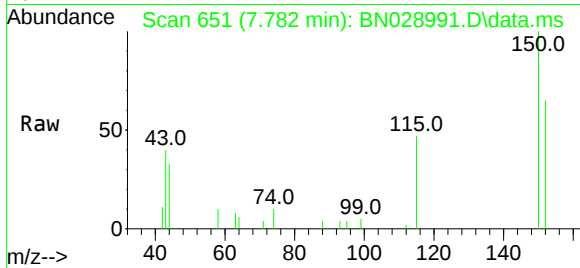
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration





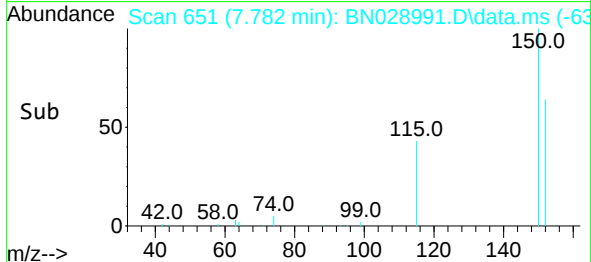
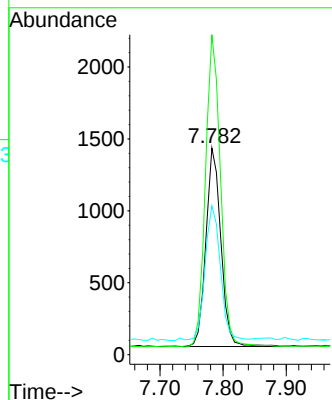
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN028991.D
 Acq: 02 Dec 2023 19:59

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20231109



Tgt Ion:152 Resp: 2279

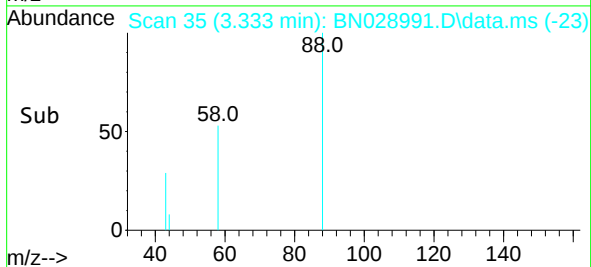
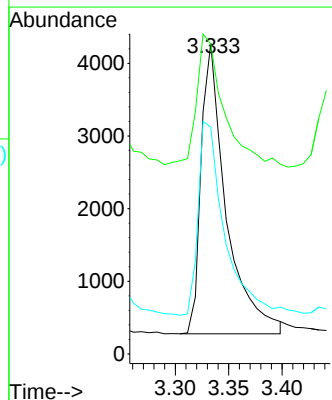
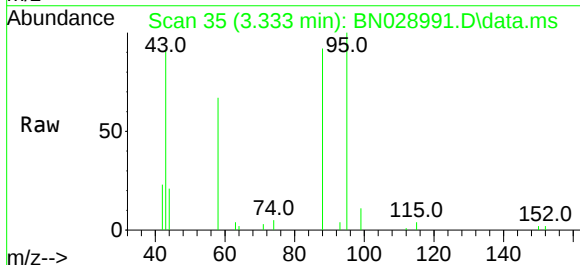
Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.4	185.2
115	72.0	59.1	88.7



#2
 1,4-Dioxane
 Concen: 2.920 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.015 min
 Lab File: BN028991.D
 Acq: 02 Dec 2023 19:59

Tgt Ion: 88 Resp: 6518

Ion	Ratio	Lower	Upper
88	100		
43	47.5	29.9	44.9
58	69.4	55.0	82.4





#4

2-Fluorophenol

Concen: 0.106 ng

RT: 5.406 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN028991.D

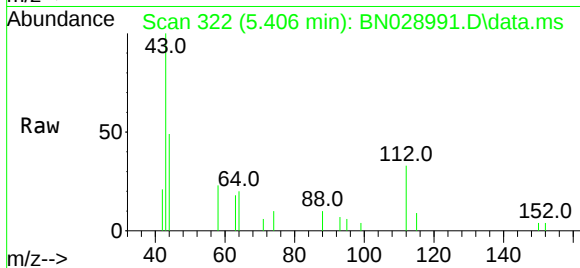
Acq: 02 Dec 2023 19:59

Instrument :

BNA_N

ClientSampleId :

TT101D2-20231109



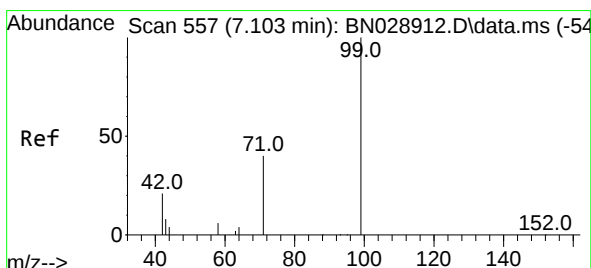
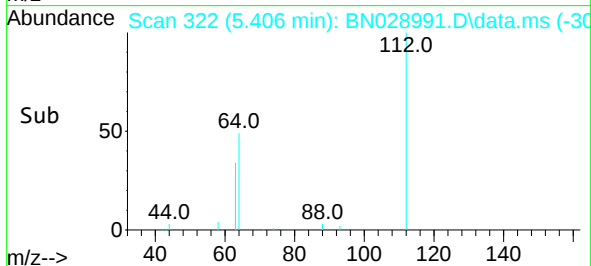
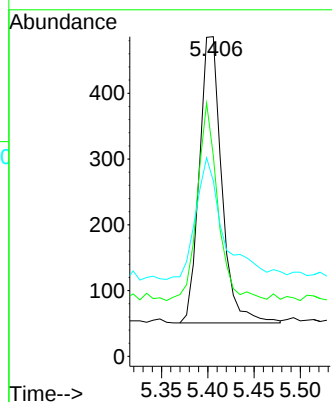
Tgt Ion:112 Resp: 731

Ion Ratio Lower Upper

112 100

64 63.5 51.5 77.3

63 53.9 30.4 45.6#



#5

Phenol-d6

Concen: 0.060 ng

RT: 6.995 min Scan# 542

Delta R.T. -0.015 min

Lab File: BN028991.D

Acq: 02 Dec 2023 19:59

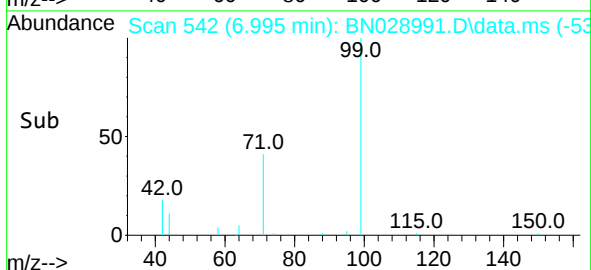
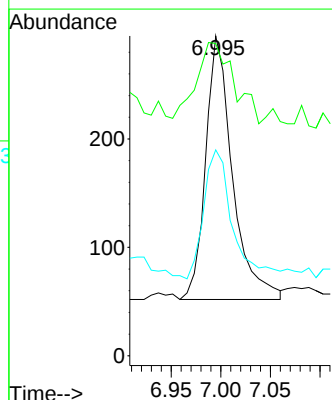
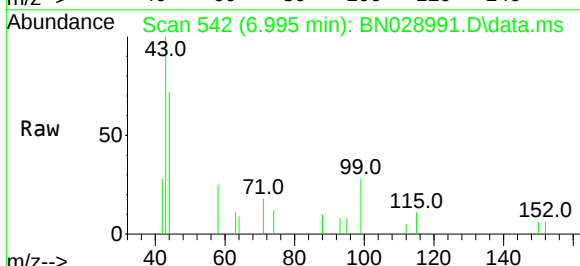
Tgt Ion: 99 Resp: 457

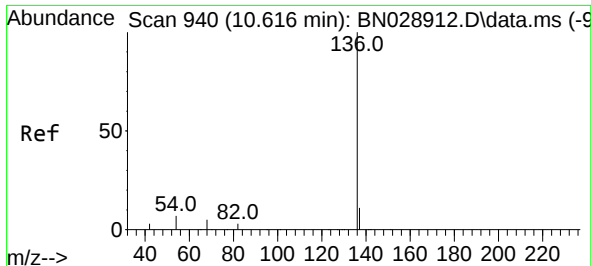
Ion Ratio Lower Upper

99 100

42 41.8 21.2 31.8#

71 55.4 35.4 53.0#

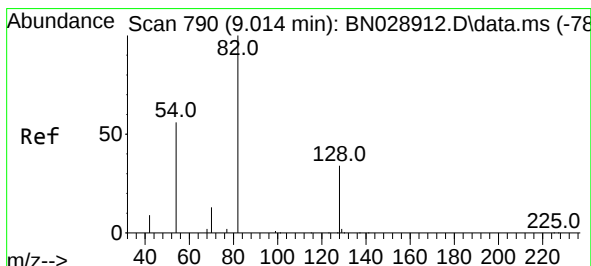
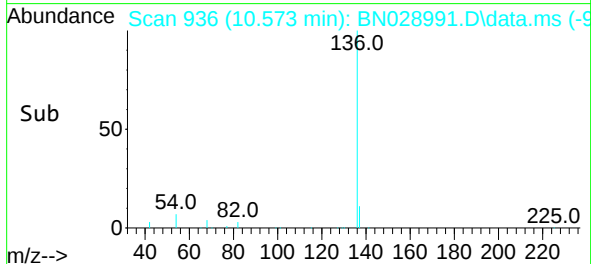
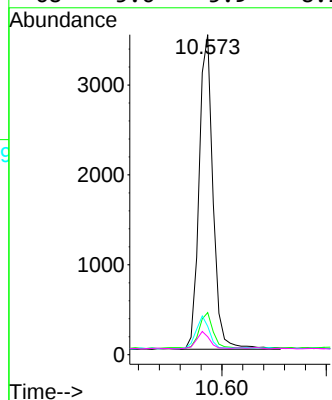
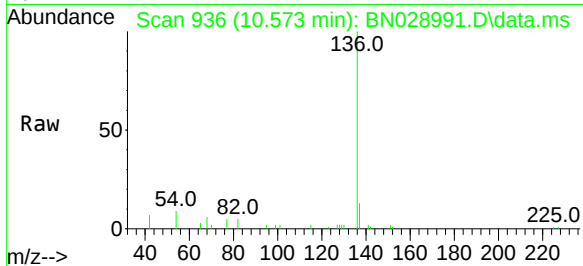




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028991.D
Acq: 02 Dec 2023 19:59

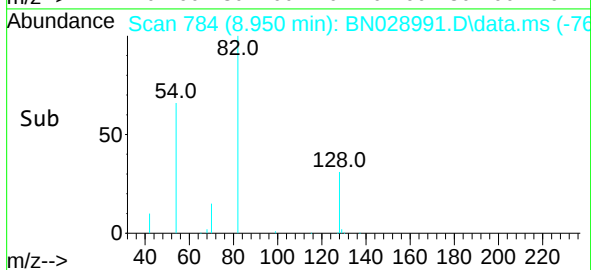
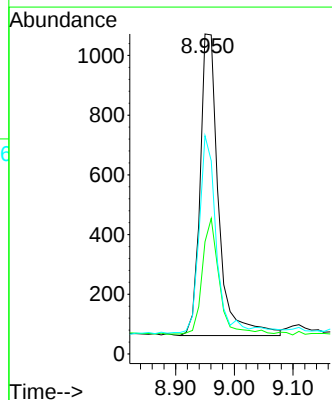
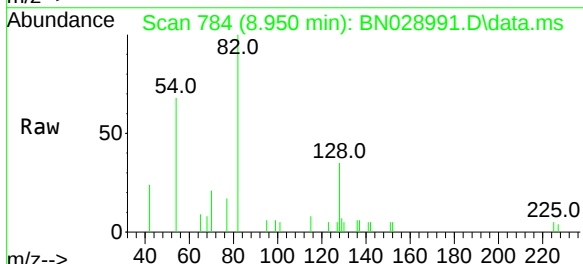
Instrument :
BNA_N
ClientSampleId :
TT101D2-20231109

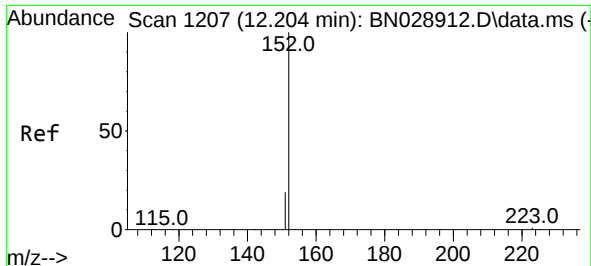
Tgt Ion:136	Resp:	6519
Ion Ratio	Lower	Upper
136	100	
137	13.1	10.6 16.0
54	8.8	7.5 11.3
68	5.6	5.9 8.9#



#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.022 min
Lab File: BN028991.D
Acq: 02 Dec 2023 19:59

Tgt Ion: 82	Resp:	2219
Ion Ratio	Lower	Upper
82	100	
128	35.1	29.2 43.8
54	68.2	47.0 70.6

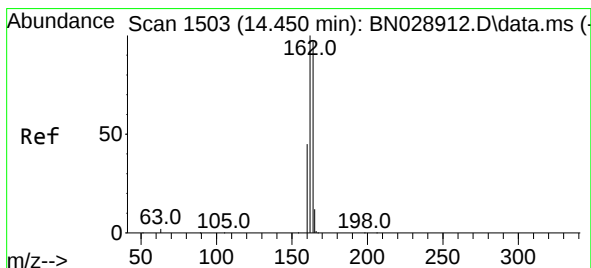
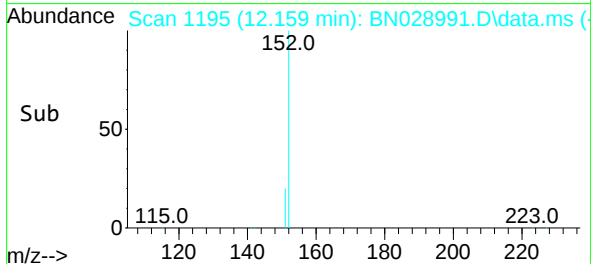
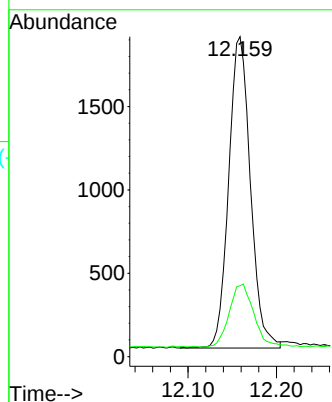
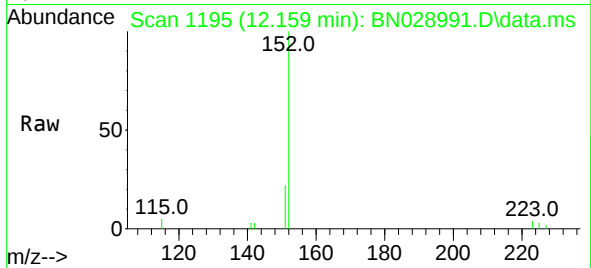




#11
2-Methylnaphthalene-d10
Concen: 0.305 ng
RT: 12.159 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BN028991.D
Acq: 02 Dec 2023 19:59

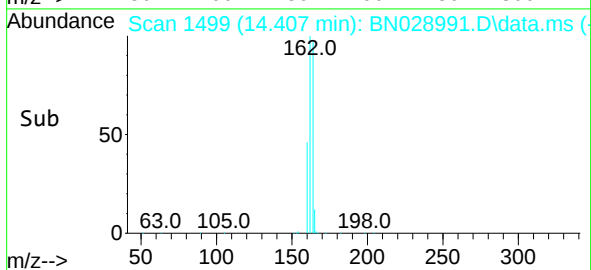
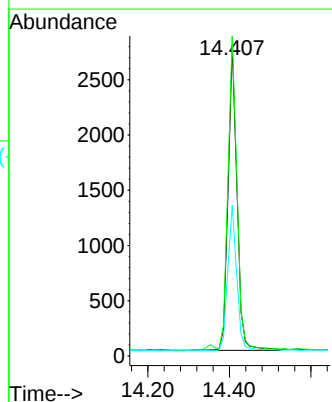
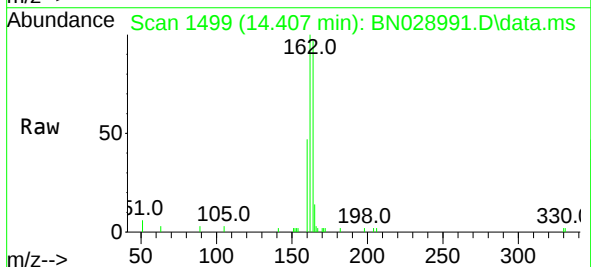
Instrument :
BNA_N
ClientSampleId :
TT101D2-20231109

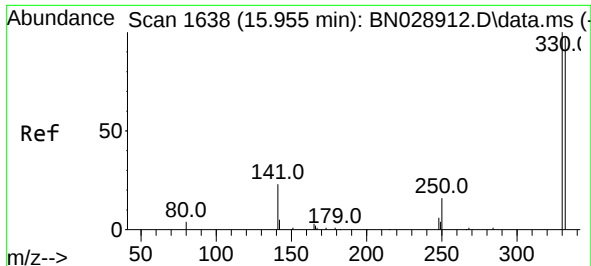
Tgt Ion:152 Resp: 3191
Ion Ratio Lower Upper
152 100
151 23.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 1499
Delta R.T. -0.011 min
Lab File: BN028991.D
Acq: 02 Dec 2023 19:59

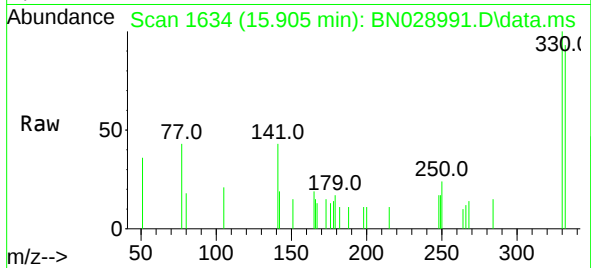
Tgt Ion:164 Resp: 4208
Ion Ratio Lower Upper
164 100
162 102.9 81.7 122.5
160 48.5 37.0 55.6



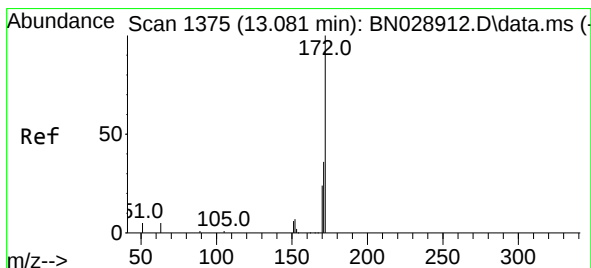
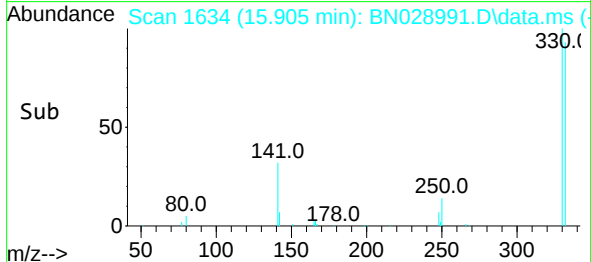
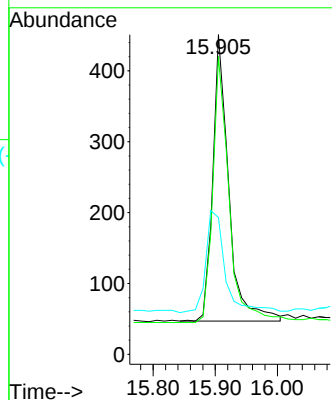


#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.013 min
Lab File: BN028991.D
Acq: 02 Dec 2023 19:59

Instrument :
BNA_N
ClientSampleId :
TT101D2-20231109

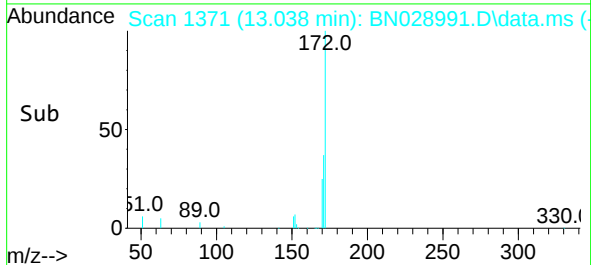
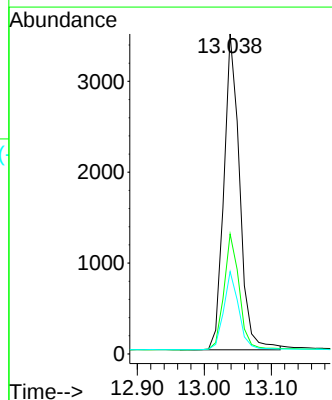
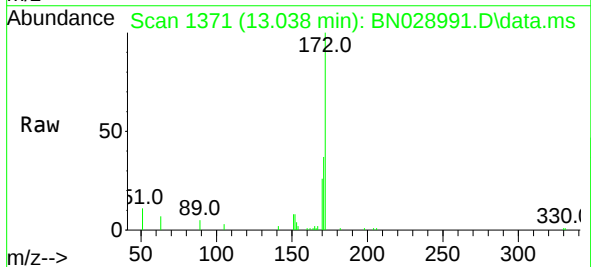


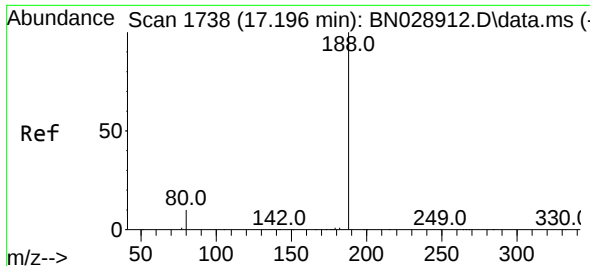
Tgt Ion:330 Resp: 722
Ion Ratio Lower Upper
330 100
332 93.4 75.4 113.2
141 43.1 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.038 min Scan# 1371
Delta R.T. -0.011 min
Lab File: BN028991.D
Acq: 02 Dec 2023 19:59

Tgt Ion:172 Resp: 5706
Ion Ratio Lower Upper
172 100
171 37.5 29.0 43.4
170 25.7 19.7 29.5

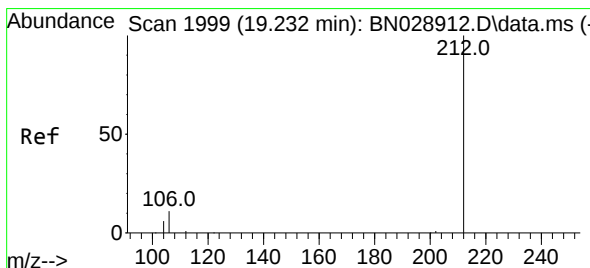
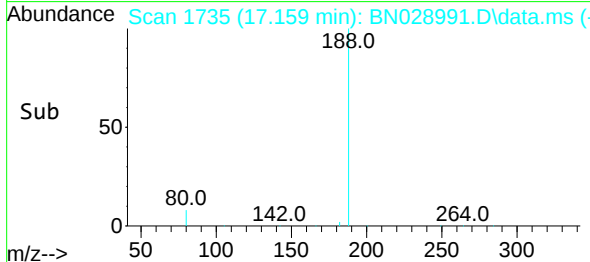
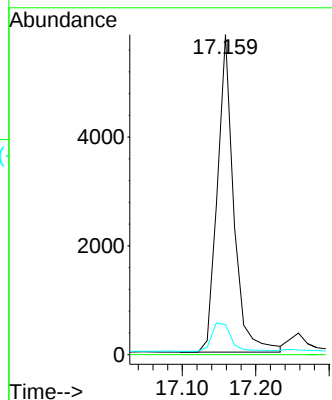
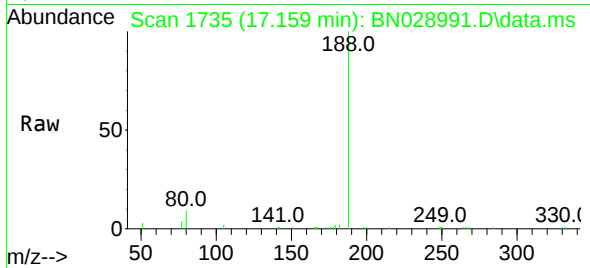




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.013 min
Lab File: BN028991.D
Acq: 02 Dec 2023 19:59

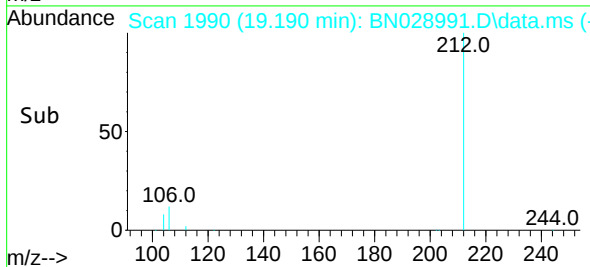
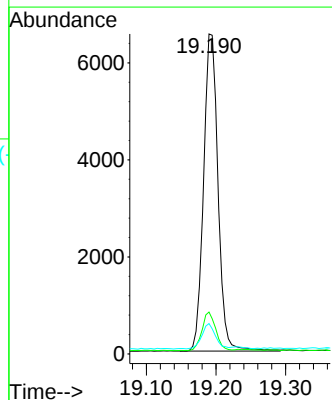
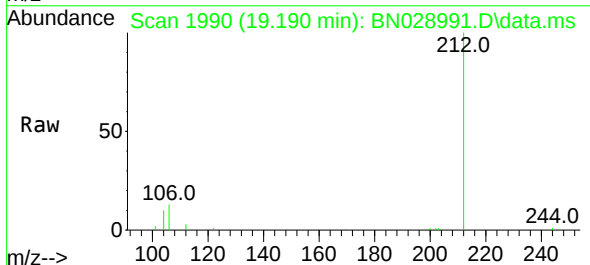
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ClientSampleId :
TT101D2-20231109

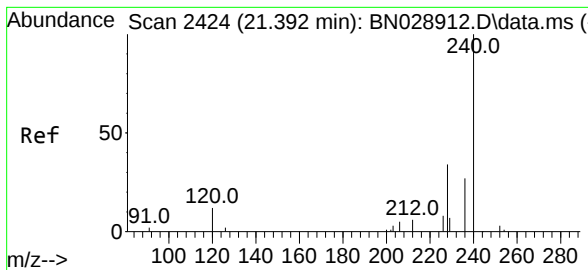
Tgt Ion:188 Resp: 9054
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.190 min Scan# 1990
Delta R.T. -0.019 min
Lab File: BN028991.D
Acq: 02 Dec 2023 19:59

Tgt Ion:212 Resp: 9443
Ion Ratio Lower Upper
212 100
106 11.6 9.4 14.2
104 7.4 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.356 min Scan# 2420

Delta R.T. -0.018 min

Lab File: BN028991.D

Acq: 02 Dec 2023 19:59

Instrument :

BNA_N

ClientSampleId :

TT101D2-20231109

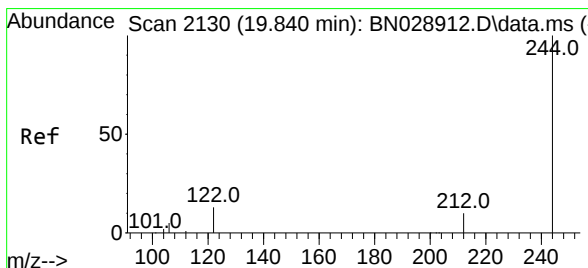
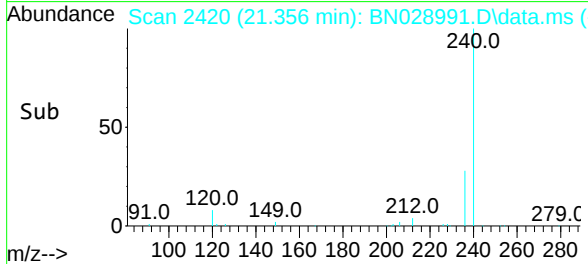
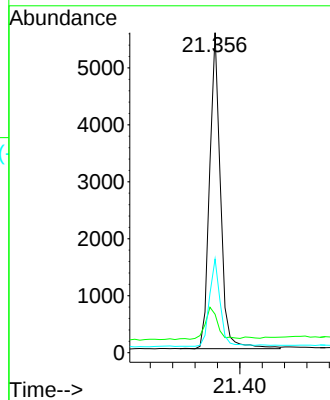
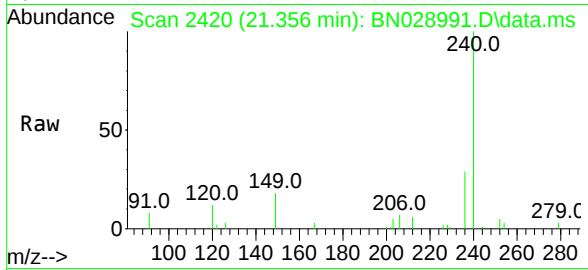
Tgt Ion:240 Resp: 7529

Ion Ratio Lower Upper

240 100

120 12.0 37.1 55.7#

236 29.3 32.4 48.6#



#31

Terphenyl-d14

Concen: 0.410 ng

RT: 19.799 min Scan# 2121

Delta R.T. -0.019 min

Lab File: BN028991.D

Acq: 02 Dec 2023 19:59

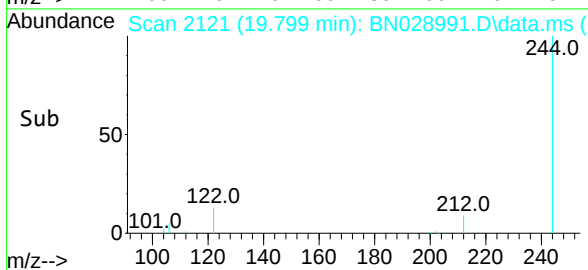
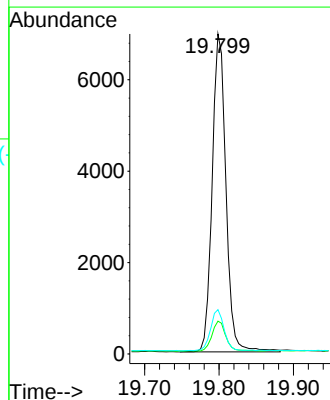
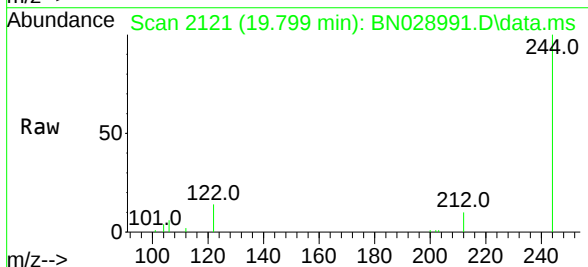
Tgt Ion:244 Resp: 8929

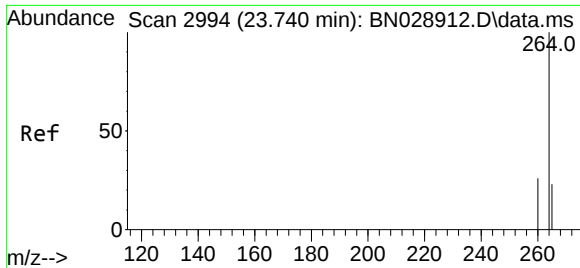
Ion Ratio Lower Upper

244 100

212 10.3 11.5 17.3#

122 13.9 13.2 19.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.678 min Scan# 29

Delta R.T. -0.029 min

Lab File: BN028991.D

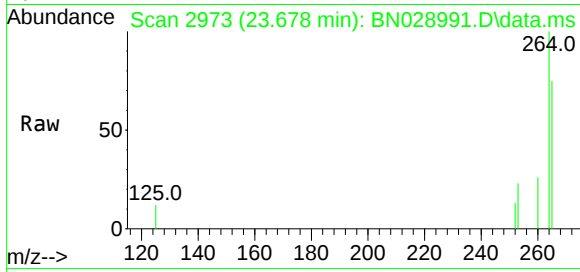
Acq: 02 Dec 2023 19:59

Instrument :

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Tgt Ion:264 Resp: 6869

Ion Ratio Lower Upper

264 100

260 26.1 20.6 30.8

265 75.0 464.5 696.7#

