

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028997.D
 Acq On : 02 Dec 2023 23:35
 Operator : MA/JU
 Sample : 05404-17
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20231109

Quant Time: Dec 03 08:17:08 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)

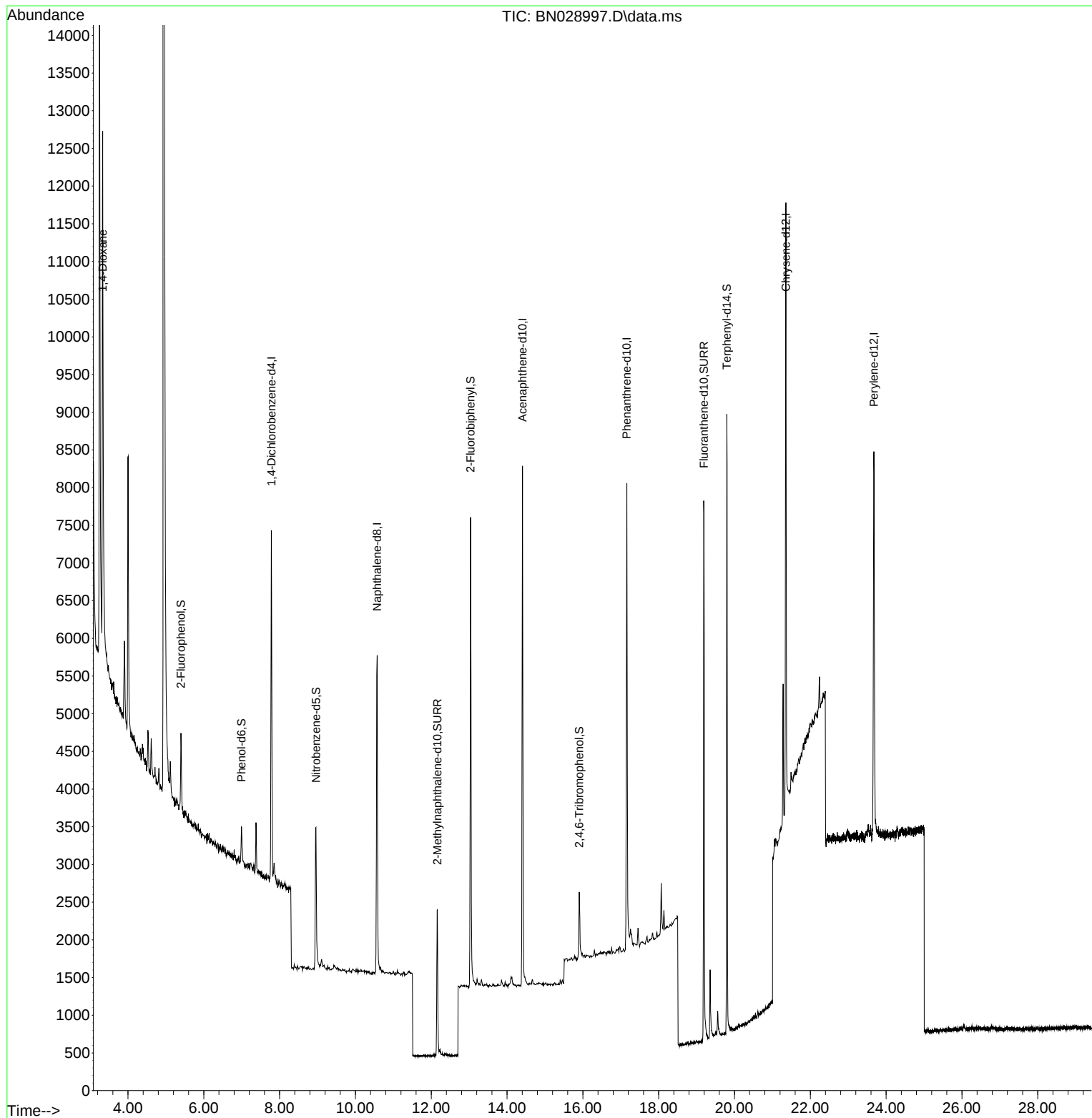
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	2212	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	6149	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3970	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	8856	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	7628	0.400	ng	#-0.02
35) Perylene-d12	23.678	264	7141	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	741	0.111	ng	-0.01
5) Phenol-d6	6.995	99	475	0.064	ng	-0.01
8) Nitrobenzene-d5	8.961	82	1882	0.308	ng	-0.01
11) 2-Methylnaphthalene-d10	12.159	152	2881	0.292	ng	-0.01
14) 2,4,6-Tribromophenol	15.905	330	576	0.215	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	5445	0.318	ng	-0.01
27) Fluoranthene-d10	19.195	212	8442	0.362	ng	-0.01
31) Terphenyl-d14	19.799	244	8190	0.385	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	5024	2.319	ng	97

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

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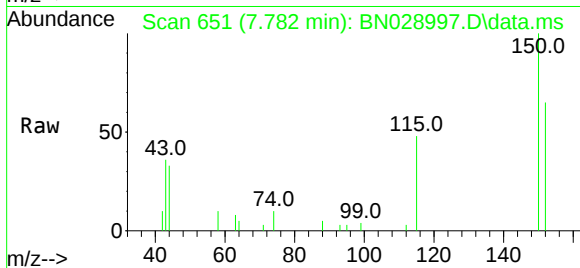
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration





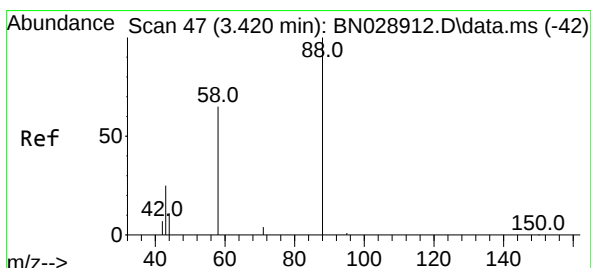
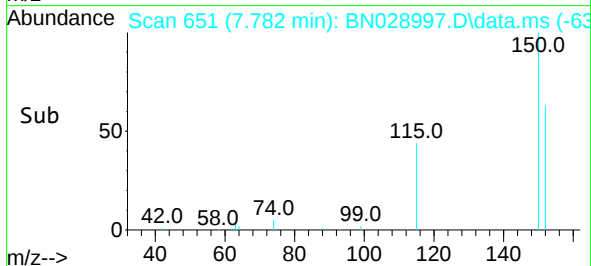
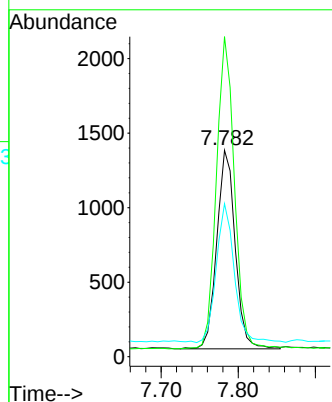
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN028997.D
 Acq: 02 Dec 2023 23:35

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 ClientSampleId :
 RE108D1-20231109



Tgt Ion:152 Resp: 2212

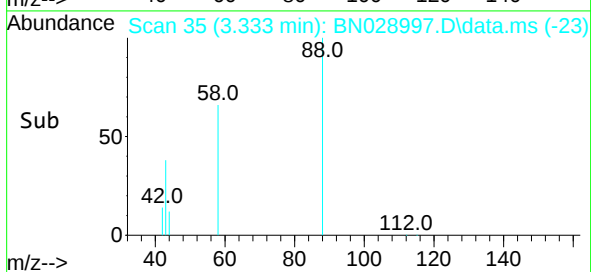
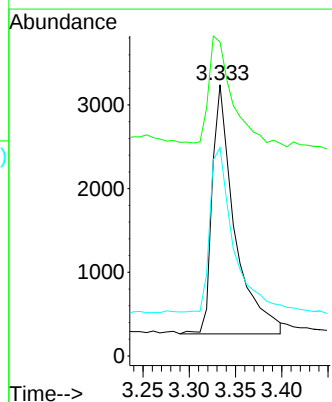
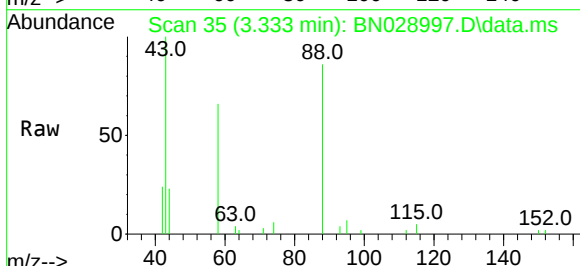
Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.4	185.2
115	74.1	59.1	88.7



#2
 1,4-Dioxane
 Concen: 2.319 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.015 min
 Lab File: BN028997.D
 Acq: 02 Dec 2023 23:35

Tgt Ion: 88 Resp: 5024

Ion	Ratio	Lower	Upper
88	100		
43	43.0	29.9	44.9
58	68.6	55.0	82.4





#4

2-Fluorophenol

Concen: 0.111 ng

RT: 5.399 min Scan# 31

Delta R.T. -0.015 min

Lab File: BN028997.D

Acq: 02 Dec 2023 23:35

Instrument :

BNA_N

ClientSampleId :

RE108D1-20231109

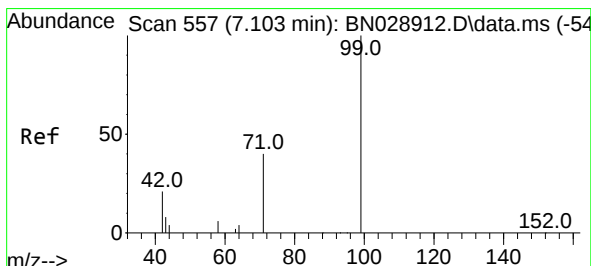
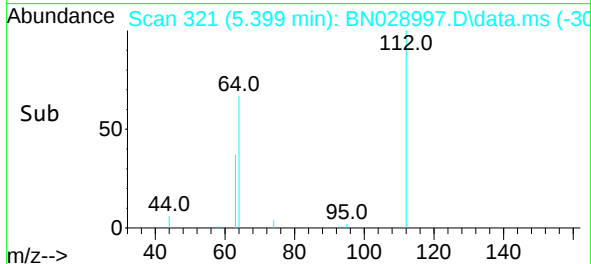
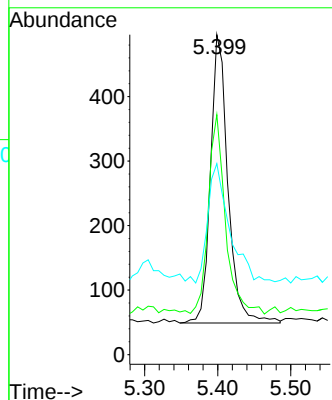
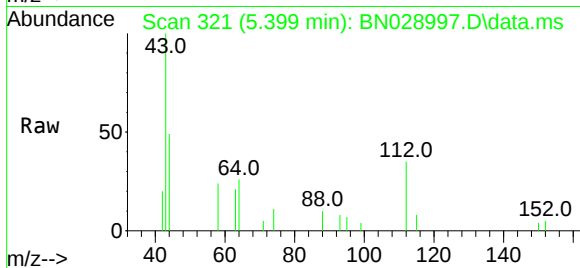
Tgt Ion:112 Resp: 741

Ion Ratio Lower Upper

112 100

64 67.7 51.5 77.3

63 52.0 30.4 45.6#



#5

Phenol-d6

Concen: 0.064 ng

RT: 6.995 min Scan# 542

Delta R.T. -0.015 min

Lab File: BN028997.D

Acq: 02 Dec 2023 23:35

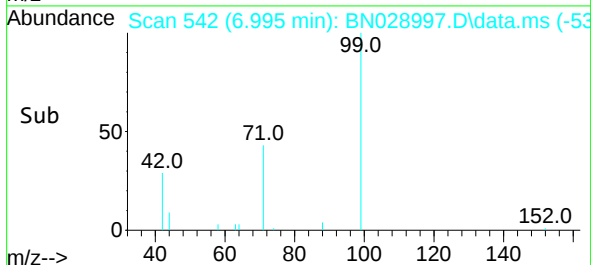
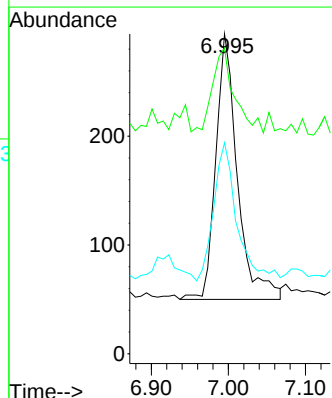
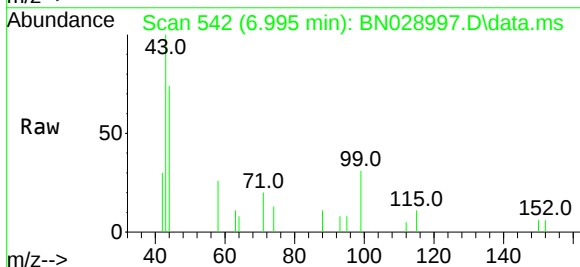
Tgt Ion: 99 Resp: 475

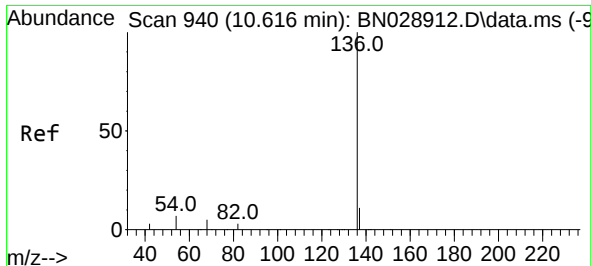
Ion Ratio Lower Upper

99 100

42 28.0 21.2 31.8

71 55.8 35.4 53.0#

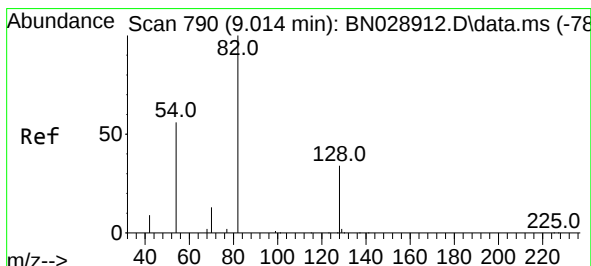
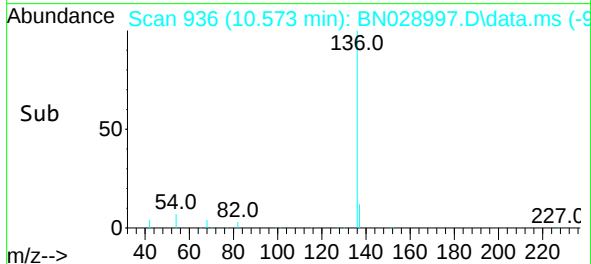
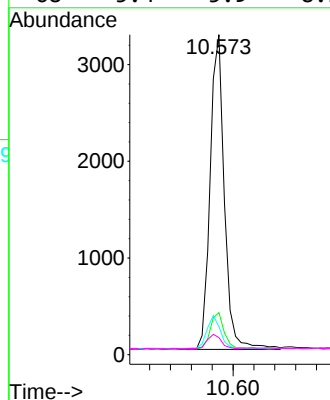
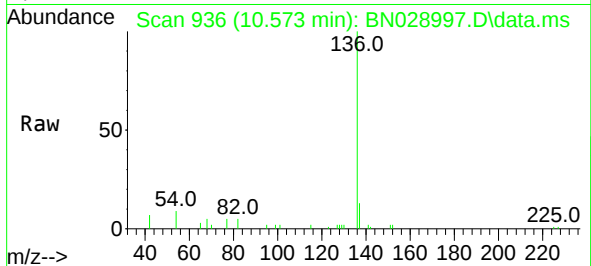




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

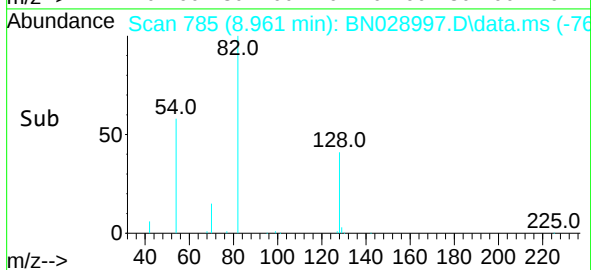
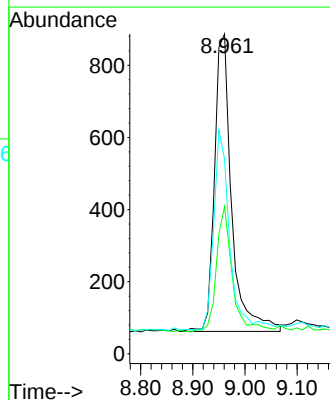
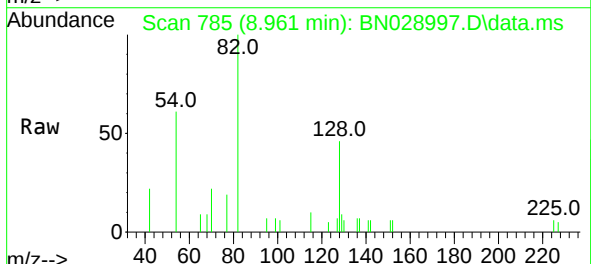
Instrument :
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ClientSampleId :
RE108D1-20231109

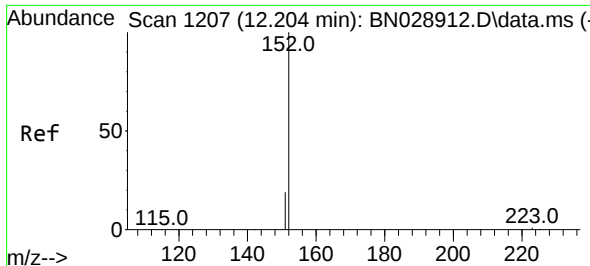
Tgt Ion:	136	Resp:	6149
Ion Ratio	Lower	Upper	
136	100		
137	13.2	10.6	16.0
54	8.8	7.5	11.3
68	5.4	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

Tgt Ion:	82	Resp:	1882
Ion Ratio	Lower	Upper	
82	100		
128	46.0	29.2	43.8
54	60.9	47.0	70.6

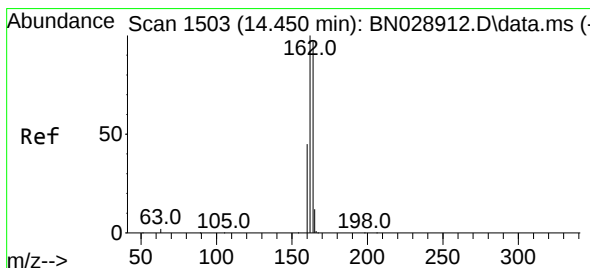
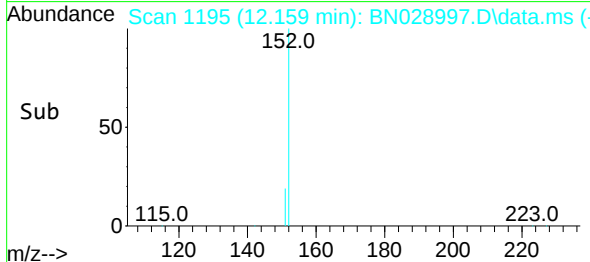
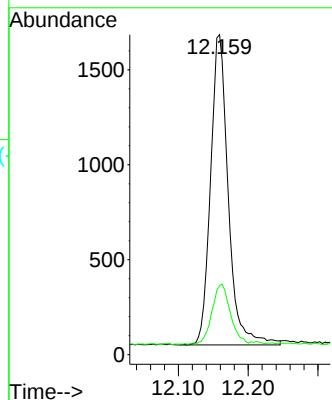
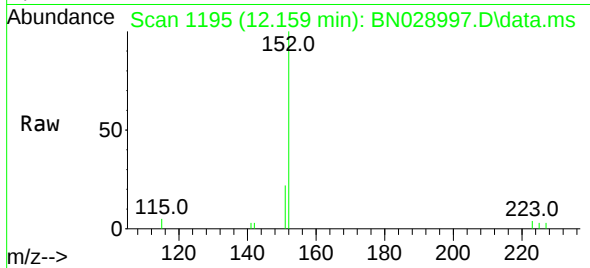




#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 12.159 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

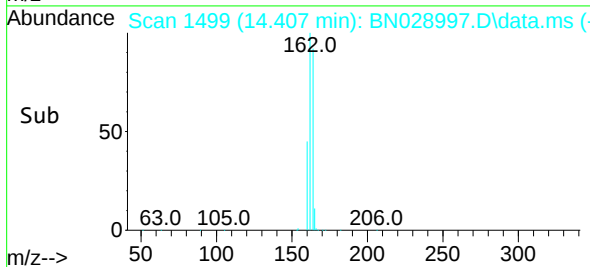
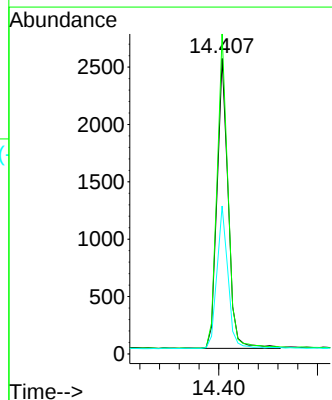
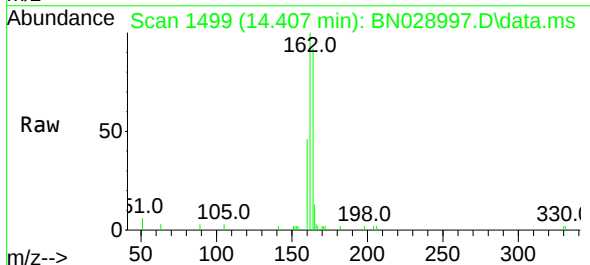
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109

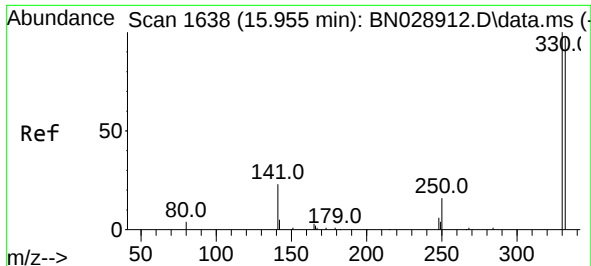
Tgt Ion:152 Resp: 2881
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 1499
Delta R.T. -0.011 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

Tgt Ion:164 Resp: 3970
Ion Ratio Lower Upper
164 100
162 108.3 81.7 122.5
160 50.1 37.0 55.6

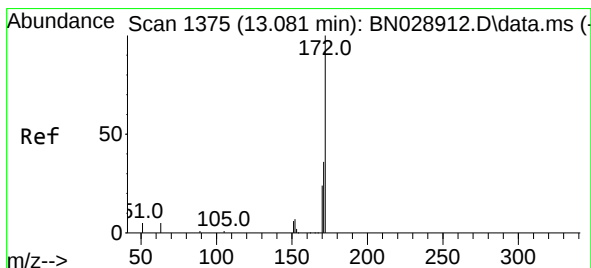
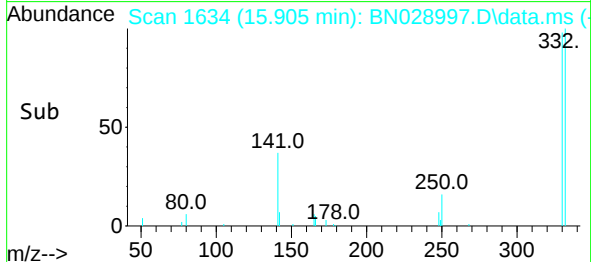
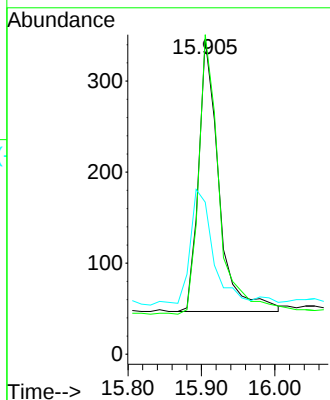
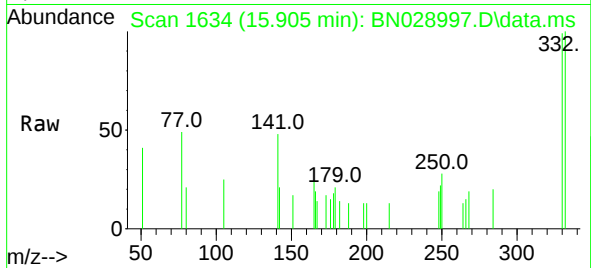




#14
2,4,6-Tribromophenol
Concen: 0.215 ng
RT: 15.905 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

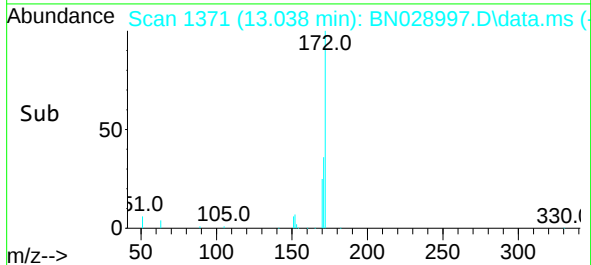
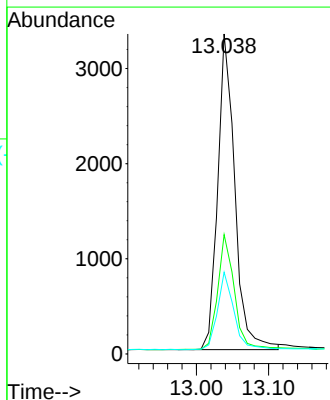
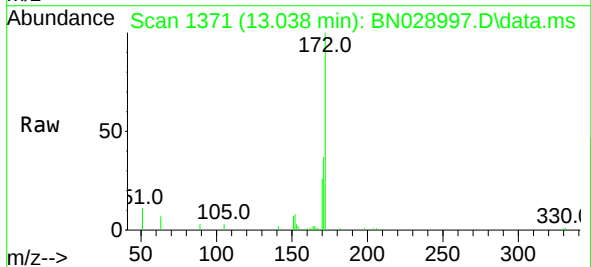
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ClientSampleId :
RE108D1-20231109

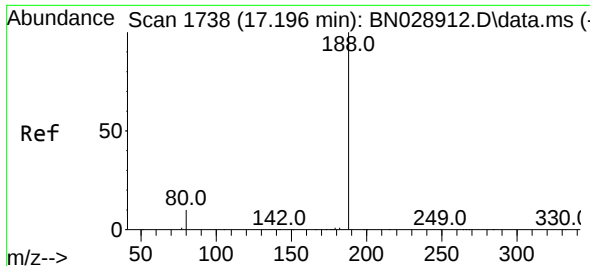
Tgt Ion:330 Resp: 576
Ion Ratio Lower Upper
330 100
332 104.2 75.4 113.2
141 49.0 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.038 min Scan# 1371
Delta R.T. -0.011 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

Tgt Ion:172 Resp: 5445
Ion Ratio Lower Upper
172 100
171 37.3 29.0 43.4
170 25.5 19.7 29.5

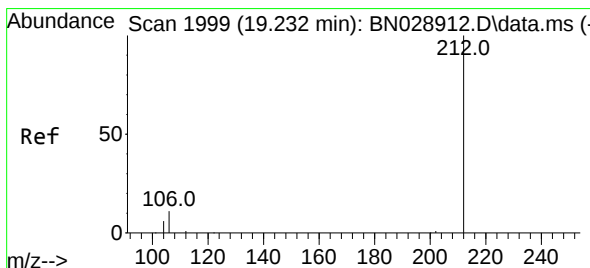
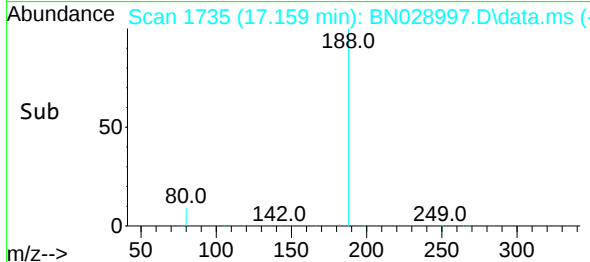
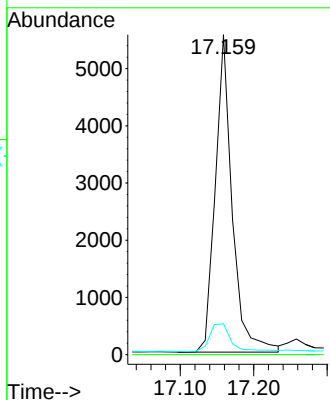
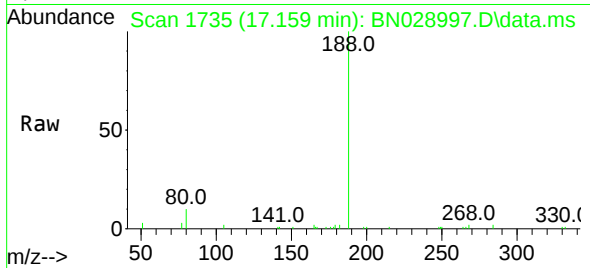




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

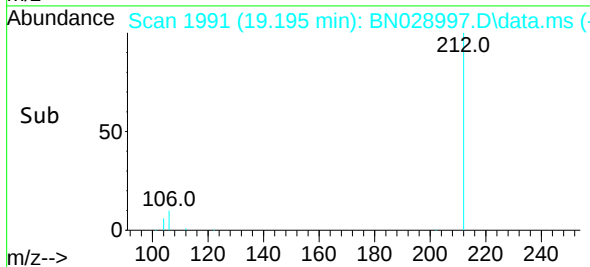
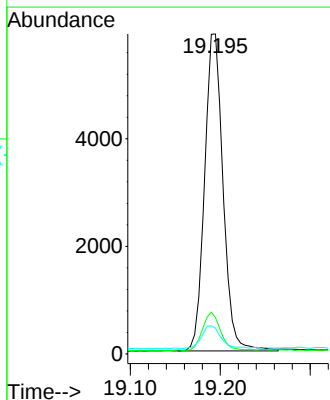
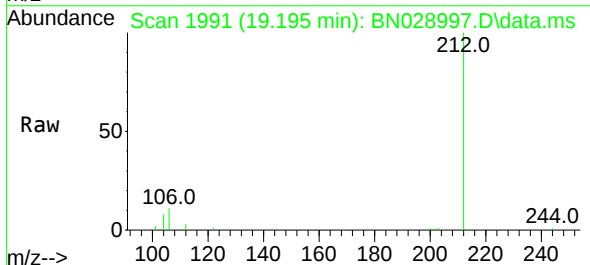
Instrument :
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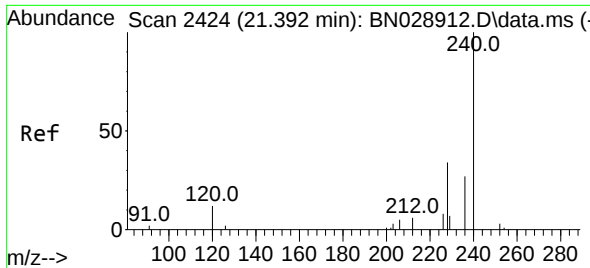
Tgt Ion:188 Resp: 8856
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.195 min Scan# 1991
Delta R.T. -0.014 min
Lab File: BN028997.D
Acq: 02 Dec 2023 23:35

Tgt Ion:212 Resp: 8442
Ion Ratio Lower Upper
212 100
106 11.7 9.4 14.2
104 7.7 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: BN028997.D

Acq: 02 Dec 2023 23:35

Instrument :

BNA_N

ClientSampleId :

RE108D1-20231109

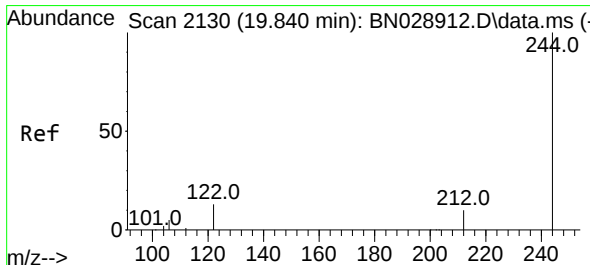
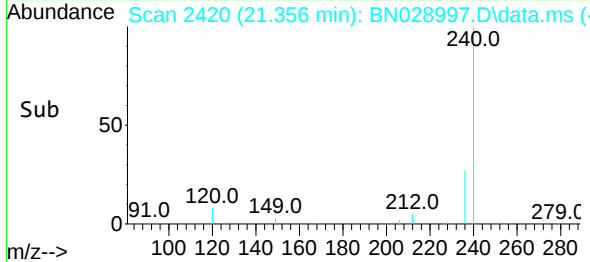
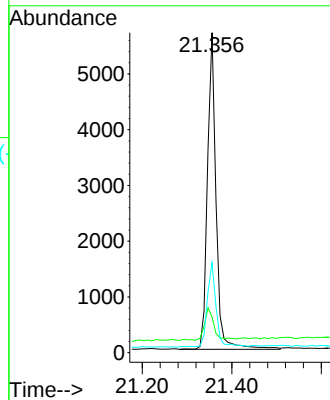
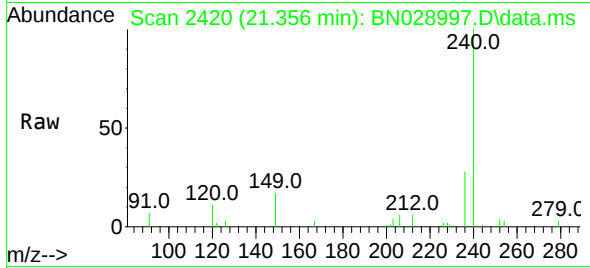
Tgt Ion:240 Resp: 7628

Ion Ratio Lower Upper

240 100

120 11.2 37.1 55.7#

236 28.1 32.4 48.6#



#31

Terphenyl-d14

Concen: 0.385 ng

RT: 19.799 min Scan# 2121

Delta R.T. -0.019 min

Lab File: BN028997.D

Acq: 02 Dec 2023 23:35

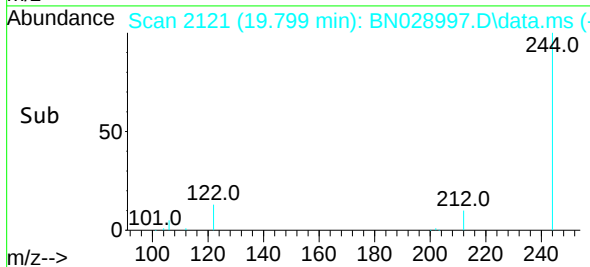
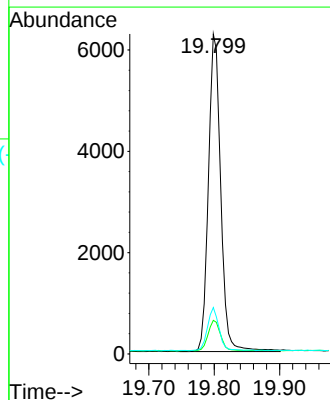
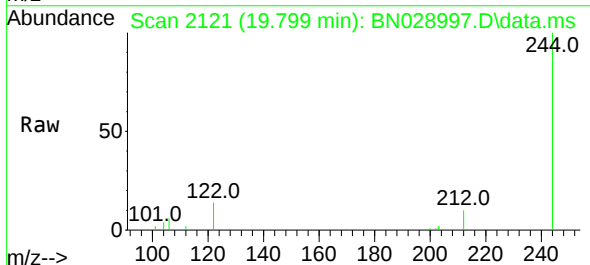
Tgt Ion:244 Resp: 8190

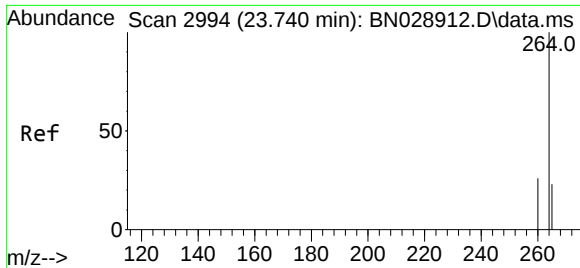
Ion Ratio Lower Upper

244 100

212 10.5 11.5 17.3#

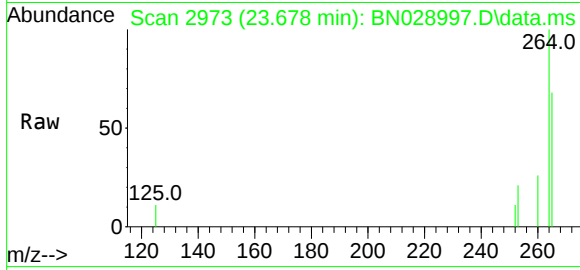
122 14.5 13.2 19.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.678 min Scan# 2994
 Delta R.T. -0.029 min
 Lab File: BN028997.D
 Acq: 02 Dec 2023 23:35

Instrument :
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Tgt Ion:264 Resp: 7141
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.6 30.8
 265 67.7 464.5 696.7#

