

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028995.D
 Acq On : 02 Dec 2023 22:22
 Operator : MA/JU
 Sample : 05404-15
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20231109

Quant Time: Dec 03 08:16:44 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)

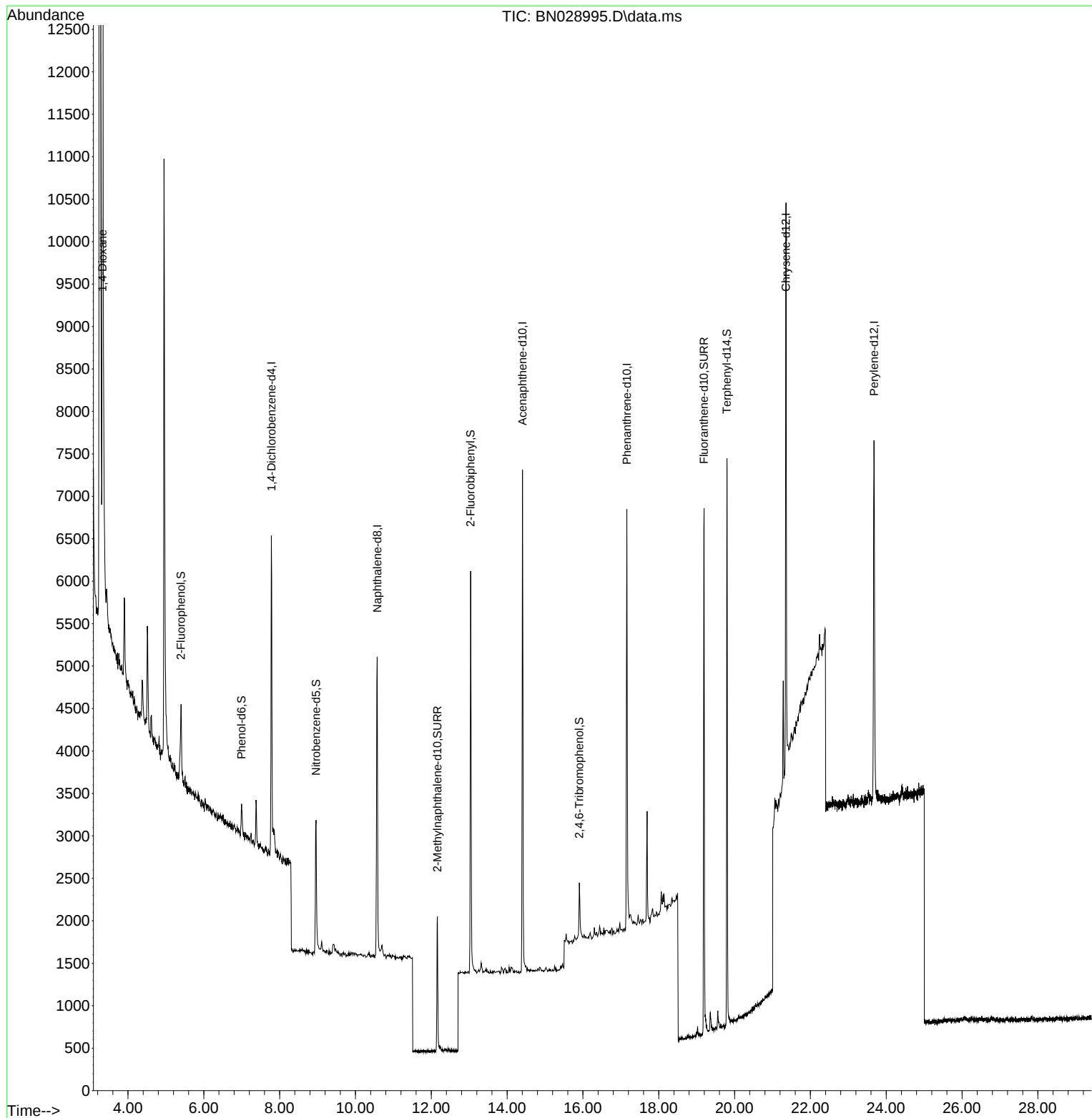
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	1776	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	5126	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3351	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	7214	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	6501	0.400	ng	#-0.02
35) Perylene-d12	23.678	264	6164	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	579	0.108	ng	-0.01
5) Phenol-d6	6.995	99	371	0.062	ng	-0.01
8) Nitrobenzene-d5	8.961	82	1620	0.318	ng	-0.01
11) 2-Methylnaphthalene-d10	12.159	152	2225	0.270	ng	-0.01
14) 2,4,6-Tribromophenol	15.905	330	465	0.205	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	4102	0.283	ng	-0.01
27) Fluoranthene-d10	19.195	212	7329	0.386	ng	-0.01
31) Terphenyl-d14	19.799	244	6874	0.382	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	11082	6.372	ng	94

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

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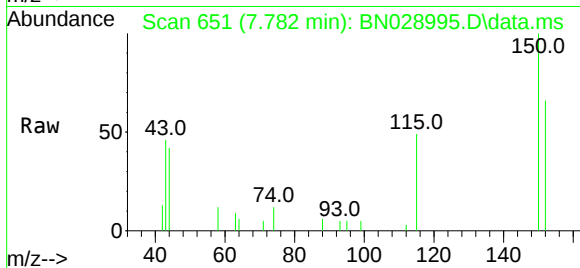
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



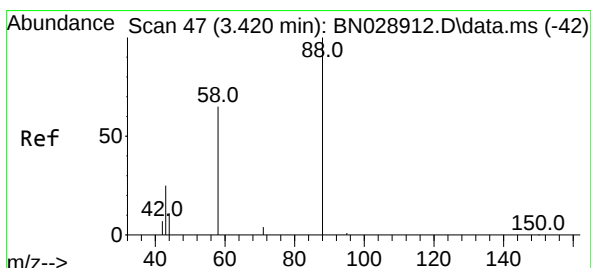
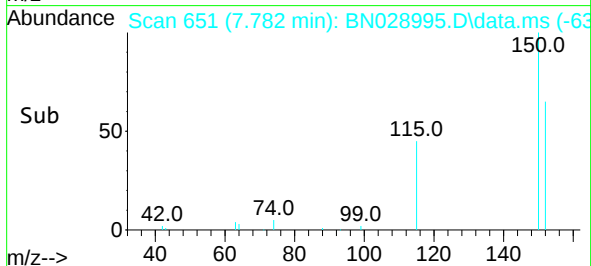
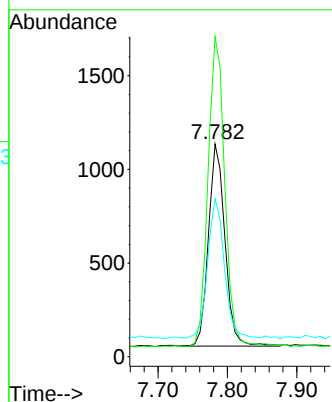


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN028995.D
 Acq: 02 Dec 2023 22:22

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20231109

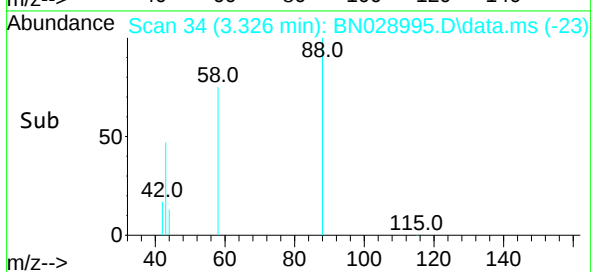
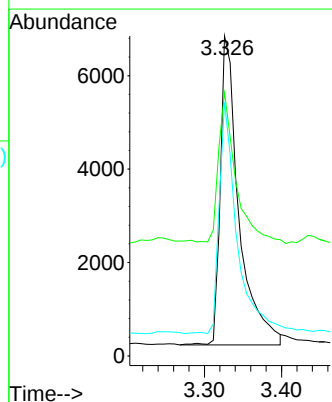
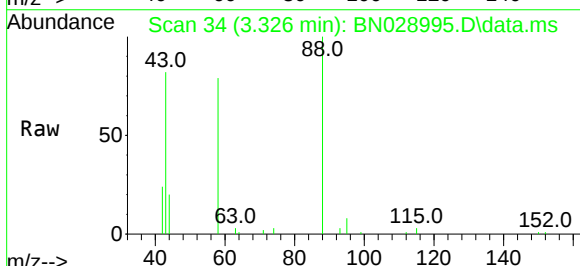


Tgt Ion:152 Resp: 1776
 Ion Ratio Lower Upper
 152 100
 150 150.5 123.4 185.2
 115 74.3 59.1 88.7



#2
 1,4-Dioxane
 Concen: 6.372 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.022 min
 Lab File: BN028995.D
 Acq: 02 Dec 2023 22:22

Tgt Ion: 88 Resp: 11082
 Ion Ratio Lower Upper
 88 100
 43 43.9 29.9 44.9
 58 71.5 55.0 82.4

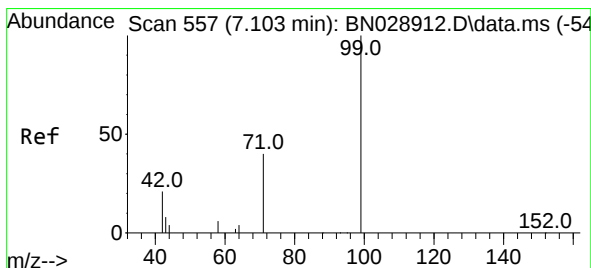
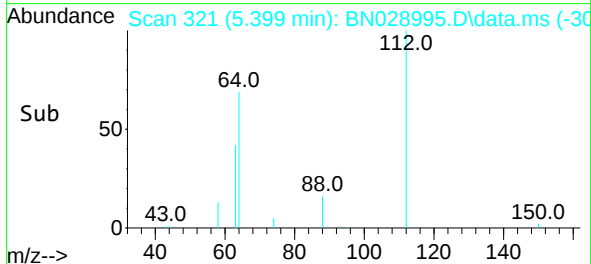
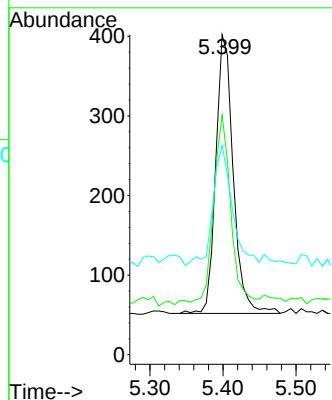
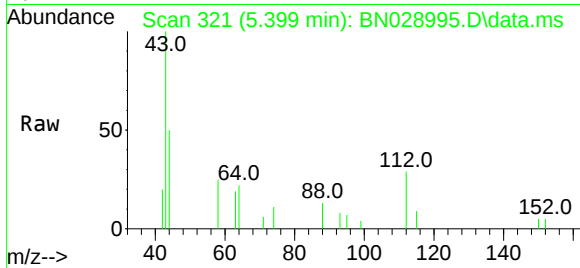




#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.399 min Scan# 311
Delta R.T. -0.015 min
Lab File: BN028995.D
Acq: 02 Dec 2023 22:22

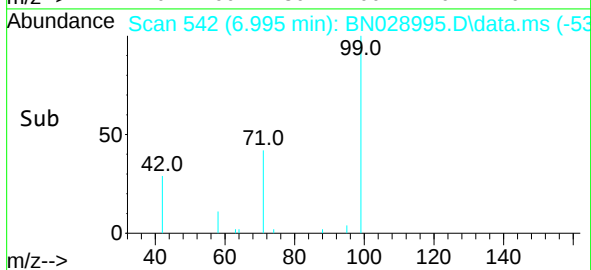
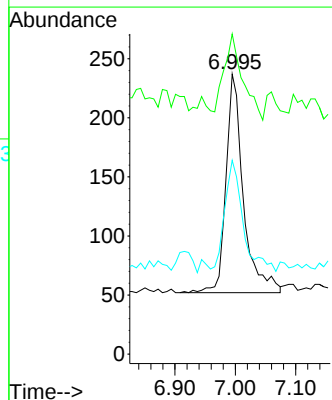
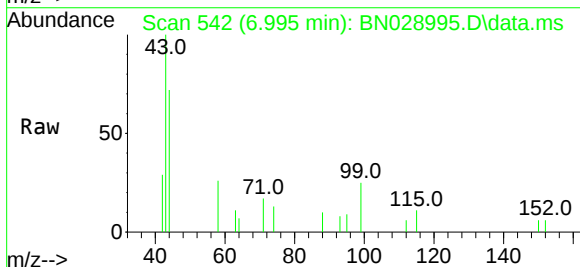
Instrument :
BNA_N
ClientSampleId :
RE134D2-20231109

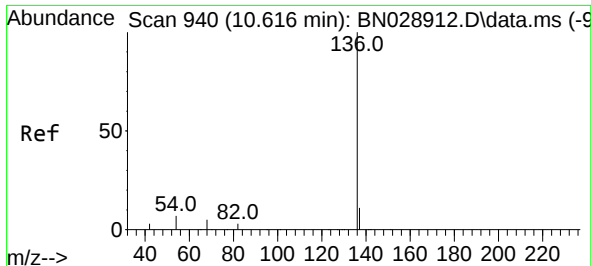
Tgt Ion:112 Resp: 579
Ion Ratio Lower Upper
112 100
64 67.5 51.5 77.3
63 47.7 30.4 45.6#



#5
Phenol-d6
Concen: 0.062 ng
RT: 6.995 min Scan# 542
Delta R.T. -0.015 min
Lab File: BN028995.D
Acq: 02 Dec 2023 22:22

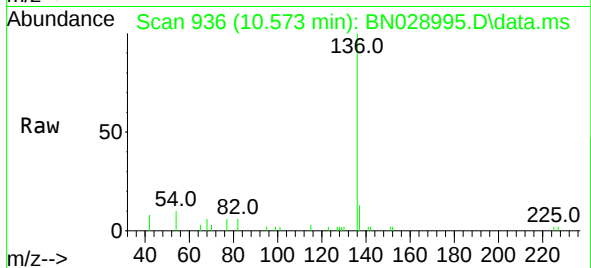
Tgt Ion: 99 Resp: 371
Ion Ratio Lower Upper
99 100
42 42.6 21.2 31.8#
71 52.8 35.4 53.0



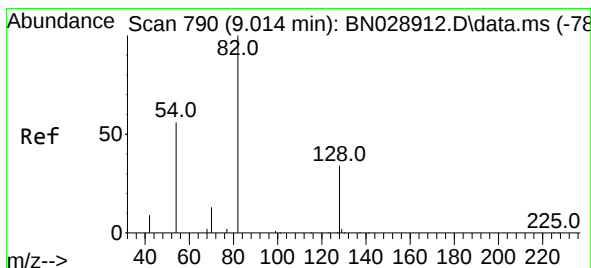
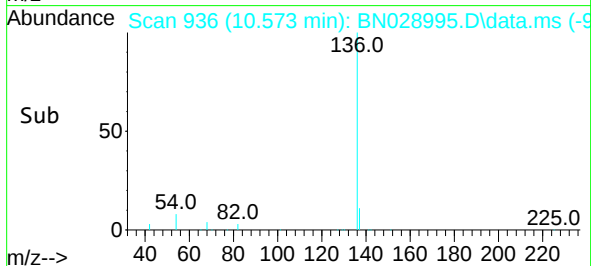
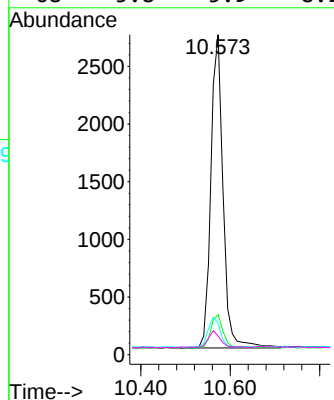


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028995.D
Acq: 02 Dec 2023 22:22

Instrument :
BNA_N
ClientSampleId :
RE134D2-20231109

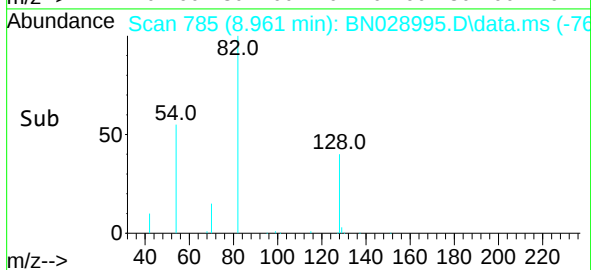
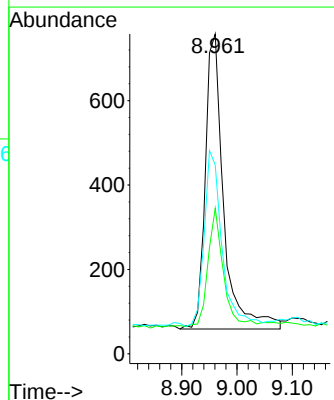
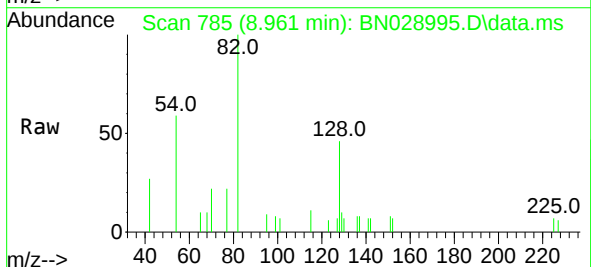


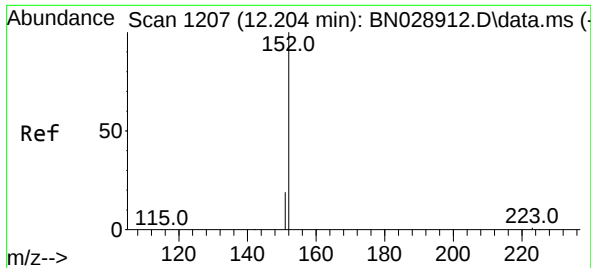
Tgt Ion:	136	Resp:	5126
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.6	16.0
54	9.8	7.5	11.3
68	5.8	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.318 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN028995.D
Acq: 02 Dec 2023 22:22

Tgt Ion:	82	Resp:	1620
Ion	Ratio	Lower	Upper
82	100		
128	45.5	29.2	43.8
54	59.0	47.0	70.6

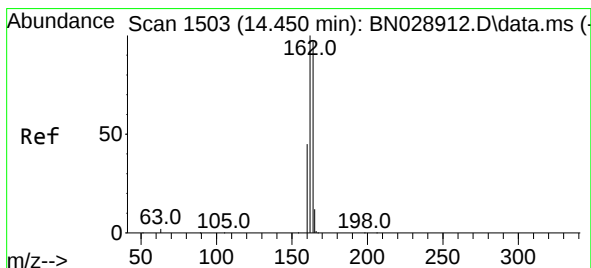
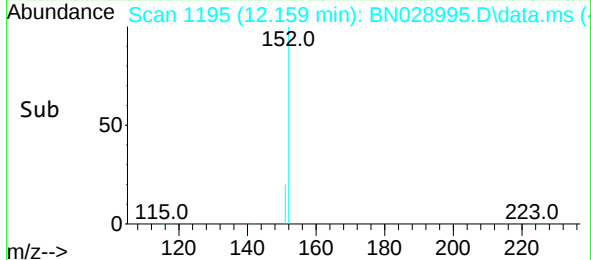
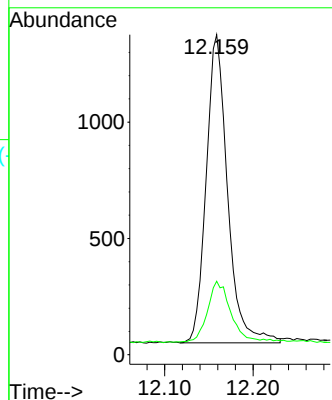
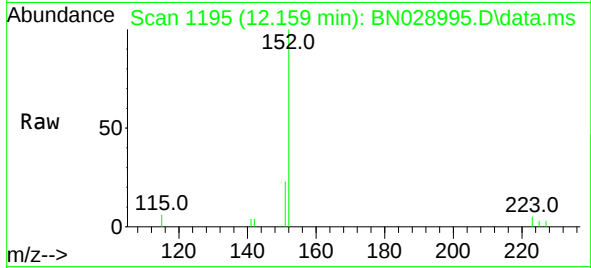




#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 12.159 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN028995.D
Acq: 02 Dec 2023 22:22

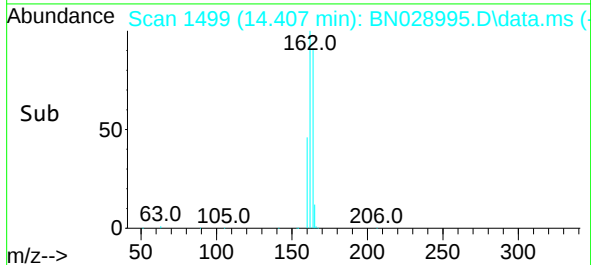
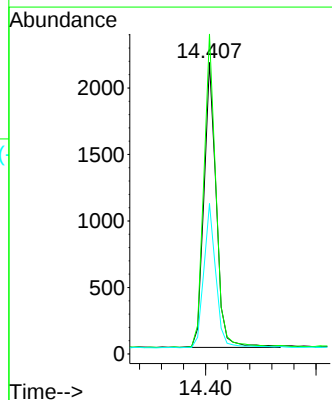
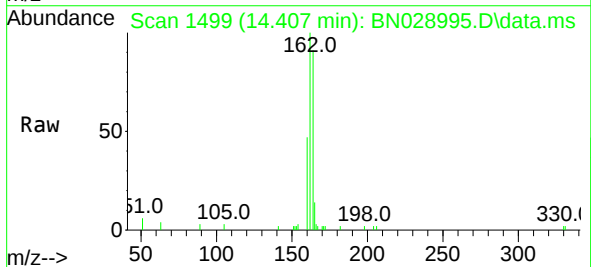
Instrument :
BNA_N
ClientSampleId :
RE134D2-20231109

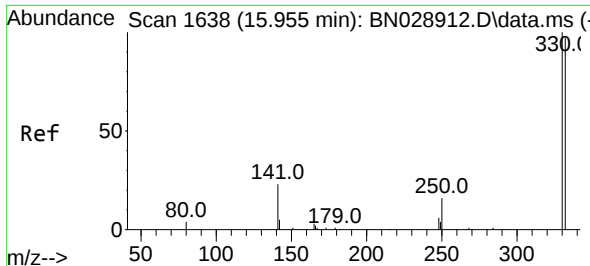
Tgt Ion:152 Resp: 2225
Ion Ratio Lower Upper
152 100
151 21.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 1499
Delta R.T. -0.011 min
Lab File: BN028995.D
Acq: 02 Dec 2023 22:22

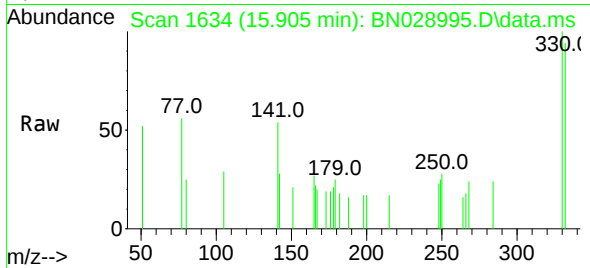
Tgt Ion:164 Resp: 3351
Ion Ratio Lower Upper
164 100
162 109.8 81.7 122.5
160 51.6 37.0 55.6



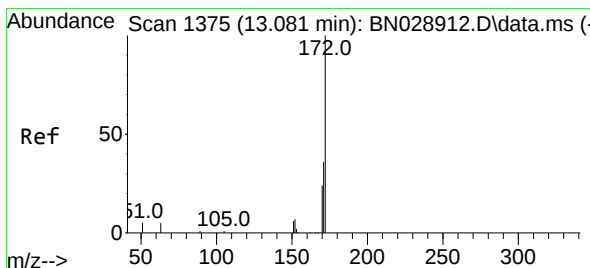
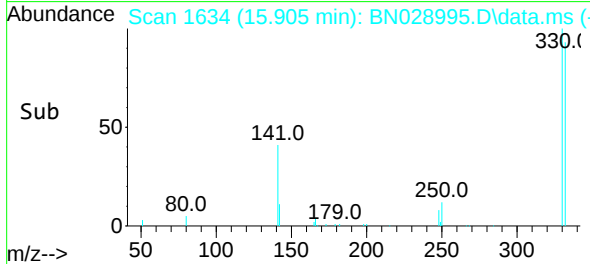
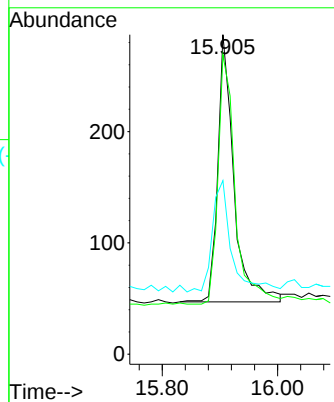


#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 15.905 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN028995.D
Acq: 02 Dec 2023 22:22

Instrument :
BNA_N
ClientSampleId :
RE134D2-20231109

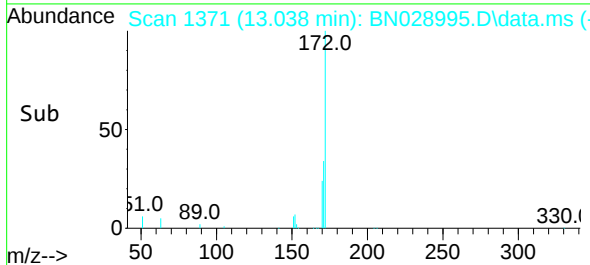
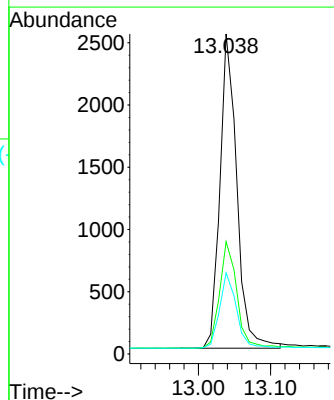
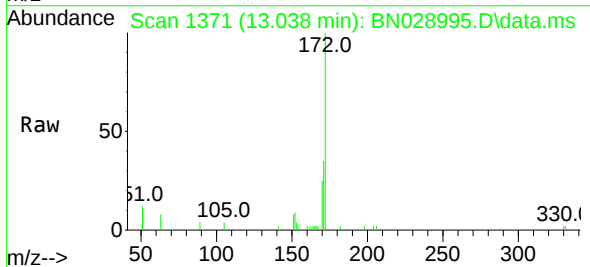


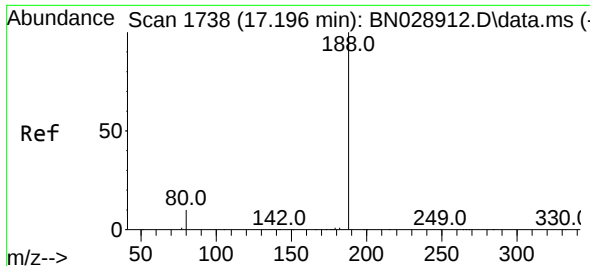
Tgt Ion:330 Resp: 465
Ion Ratio Lower Upper
330 100
332 100.0 75.4 113.2
141 49.2 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 13.038 min Scan# 1371
Delta R.T. -0.011 min
Lab File: BN028995.D
Acq: 02 Dec 2023 22:22

Tgt Ion:172 Resp: 4102
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.4
170 25.4 19.7 29.5

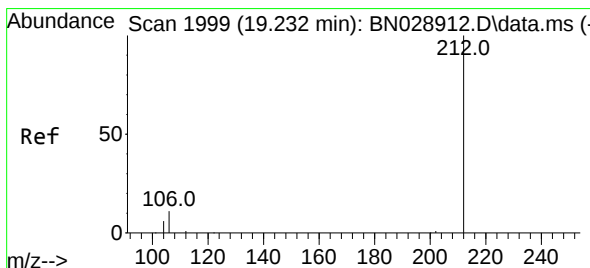
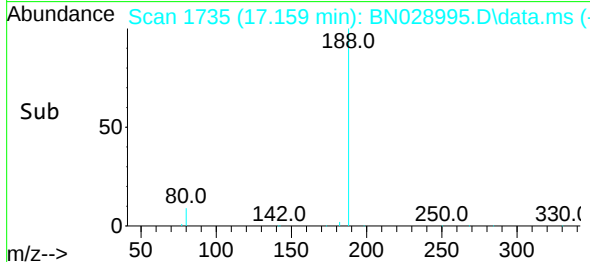
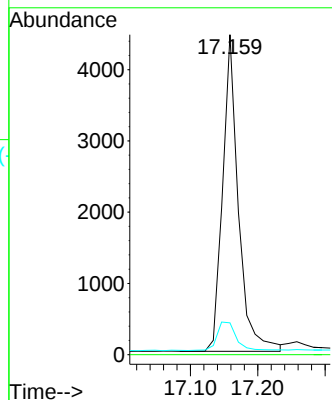
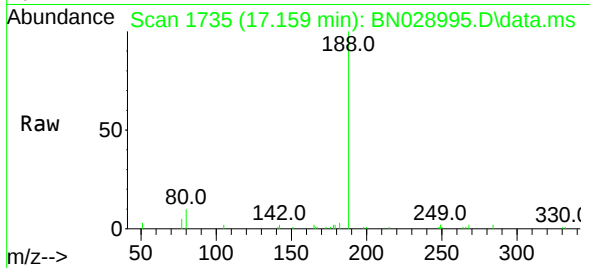




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN028995.D
Acq: 02 Dec 2023 22:22

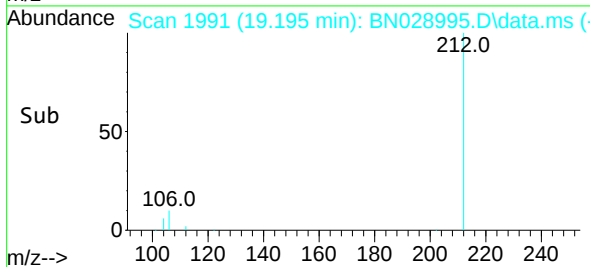
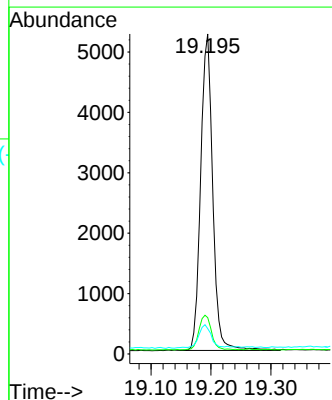
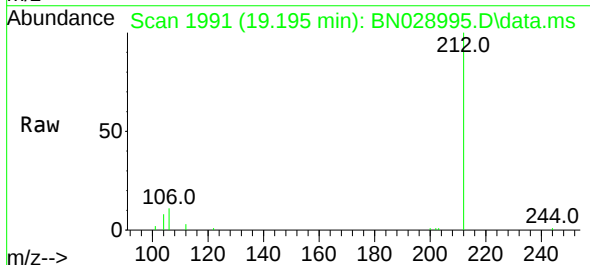
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ClientSampleId :
RE134D2-20231109

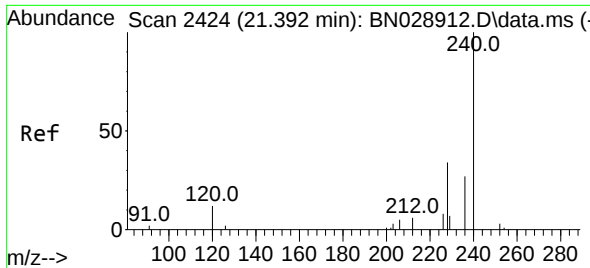
Tgt Ion:188 Resp: 7214
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.195 min Scan# 1991
Delta R.T. -0.014 min
Lab File: BN028995.D
Acq: 02 Dec 2023 22:22

Tgt Ion:212 Resp: 7329
Ion Ratio Lower Upper
212 100
106 11.4 9.4 14.2
104 7.9 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: BN028995.D

Acq: 02 Dec 2023 22:22

Instrument :

BNA_N

ClientSampleId :

RE134D2-20231109

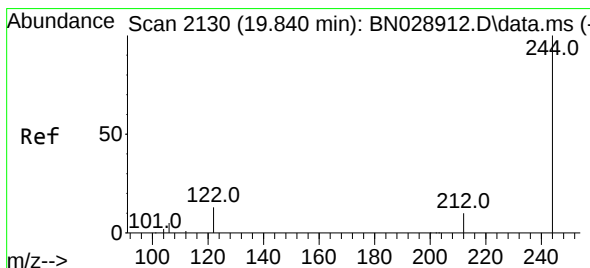
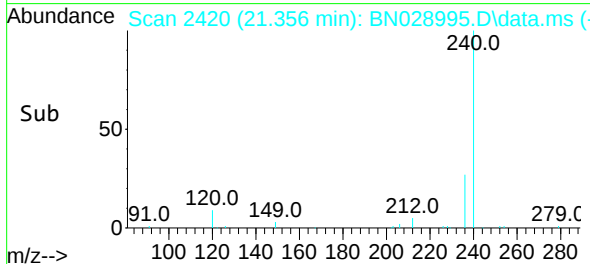
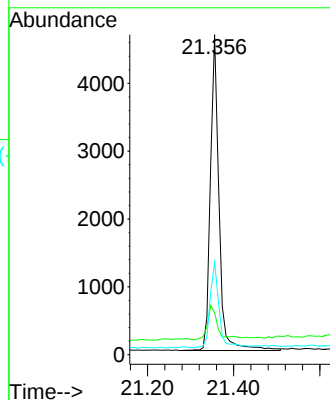
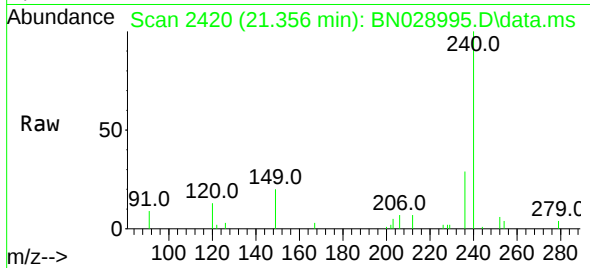
Tgt Ion:240 Resp: 6501

Ion Ratio Lower Upper

240 100

120 13.2 37.1 55.7#

236 28.9 32.4 48.6#



#31

Terphenyl-d14

Concen: 0.382 ng

RT: 19.799 min Scan# 2121

Delta R.T. -0.019 min

Lab File: BN028995.D

Acq: 02 Dec 2023 22:22

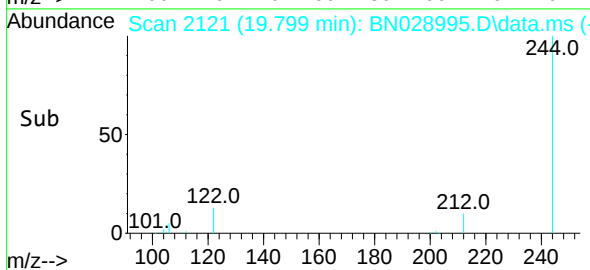
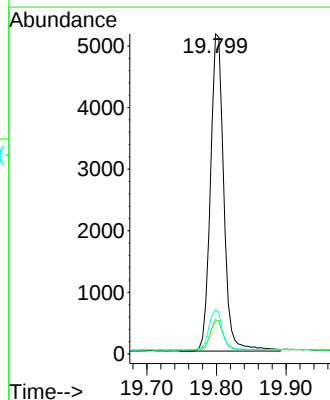
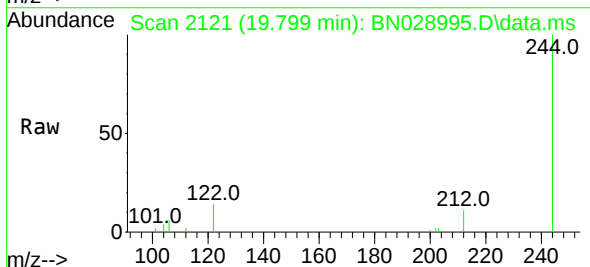
Tgt Ion:244 Resp: 6874

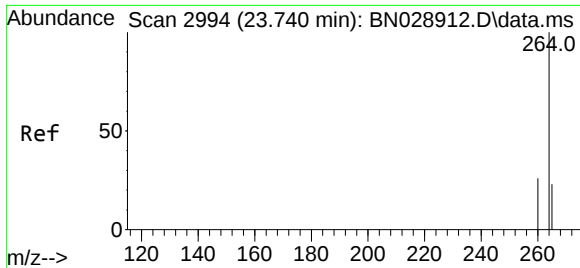
Ion Ratio Lower Upper

244 100

212 10.7 11.5 17.3#

122 13.7 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: BN028995.D

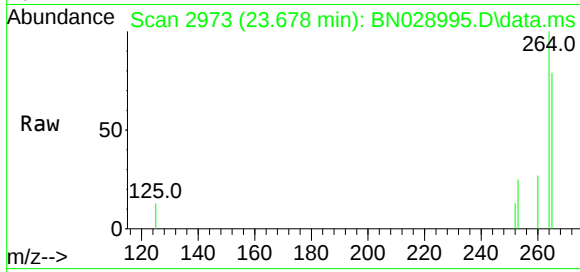
Acq: 02 Dec 2023 22:22

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Tgt Ion:264 Resp: 6164

Ion Ratio Lower Upper

264 100

260 27.0 20.6 30.8

265 79.0 464.5 696.7#

