

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028992.D
 Acq On : 02 Dec 2023 20:35
 Operator : MA/JU
 Sample : 05404-12
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20231109

Quant Time: Dec 03 08:15:51 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)

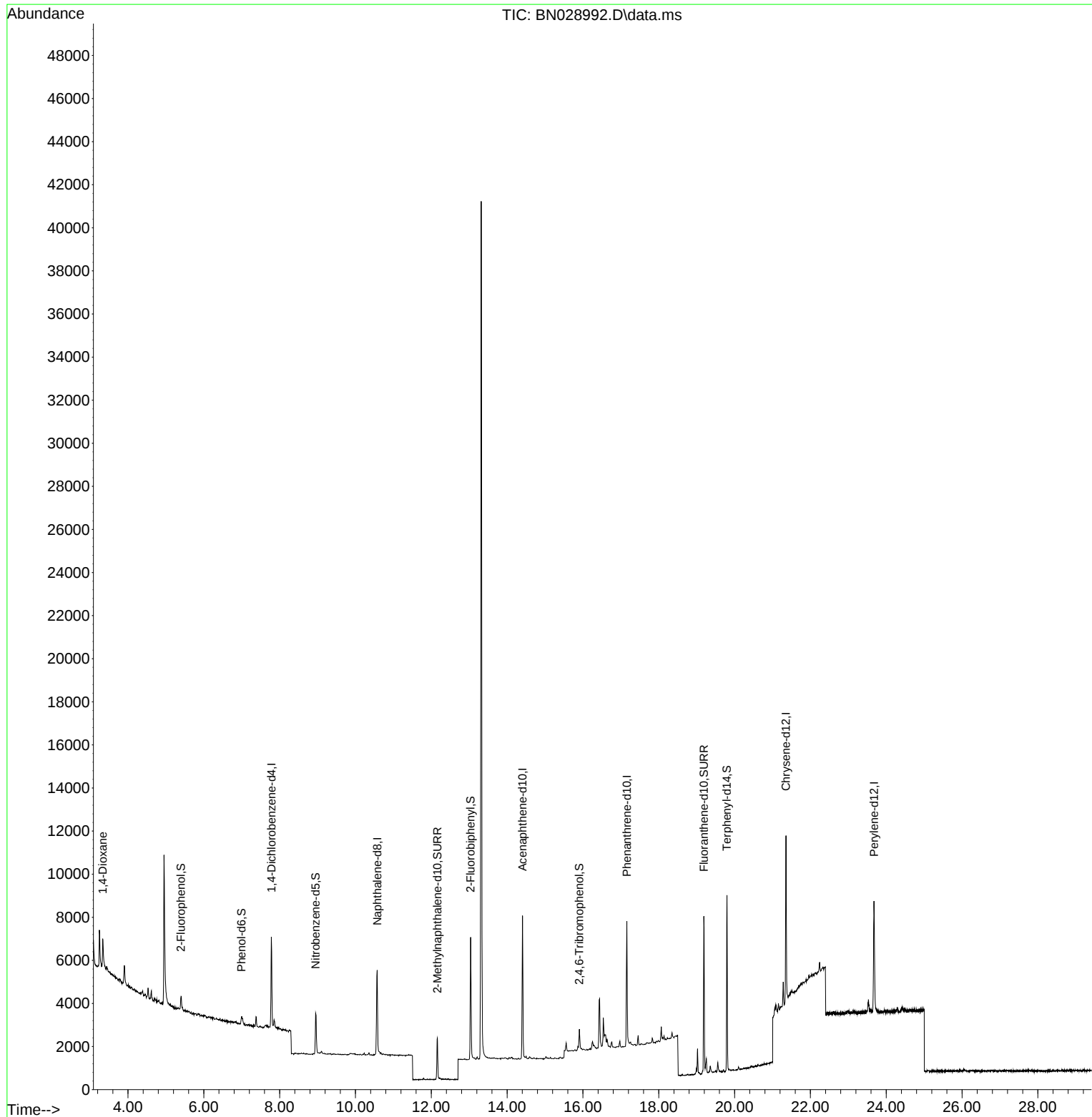
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	1965	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	5651	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3731	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	8199	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	7362	0.400	ng	#-0.02
35) Perylene-d12	23.678	264	6973	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	507	0.085	ng	-0.01
5) Phenol-d6	6.995	99	348	0.053	ng	-0.01
8) Nitrobenzene-d5	8.950	82	1806	0.321	ng	-0.02
11) 2-Methylnaphthalene-d10	12.159	152	2721	0.300	ng	-0.01
14) 2,4,6-Tribromophenol	15.905	330	630	0.250	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	4837	0.300	ng	-0.01
27) Fluoranthene-d10	19.190	212	8521	0.395	ng	-0.02
31) Terphenyl-d14	19.799	244	7987	0.388	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	1118	0.581	ng	# 79

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

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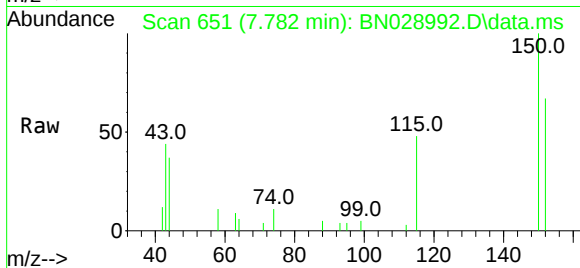
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration





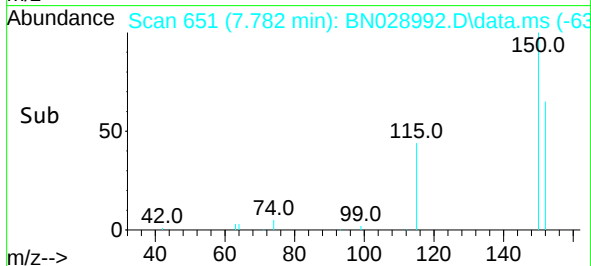
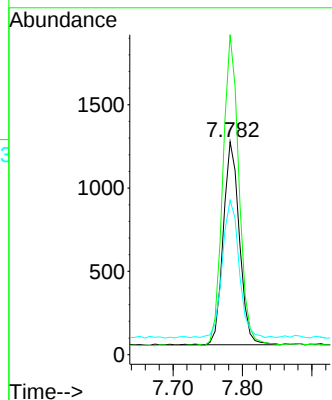
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN028992.D
 Acq: 02 Dec 2023 20:35

Instrument :
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 RE134D1-20231109



Tgt Ion:152 Resp: 1965

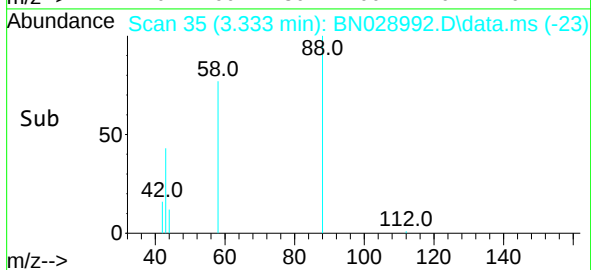
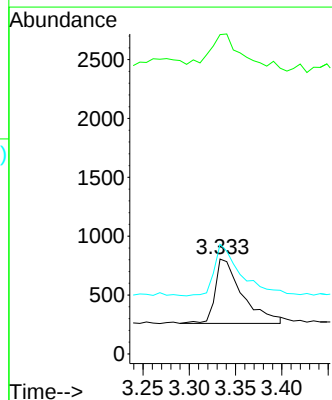
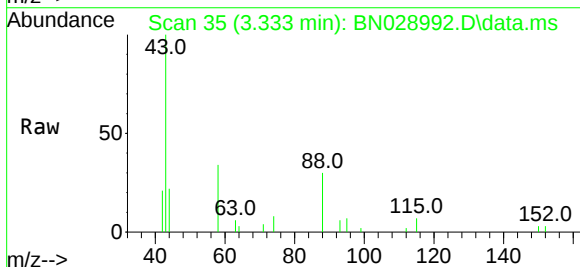
Ion	Ratio	Lower	Upper
152	100		
150	150.3	123.4	185.2
115	72.5	59.1	88.7



#2
 1,4-Dioxane
 Concen: 0.581 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.015 min
 Lab File: BN028992.D
 Acq: 02 Dec 2023 20:35

Tgt Ion: 88 Resp: 1118

Ion	Ratio	Lower	Upper
88	100		
43	60.4	29.9	44.9
58	77.6	55.0	82.4

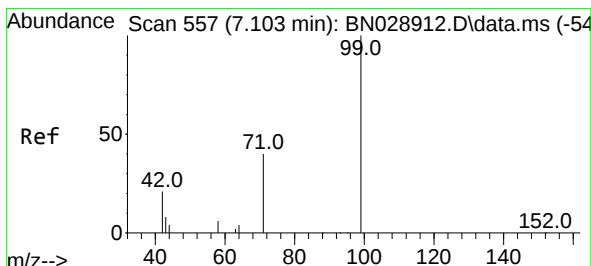
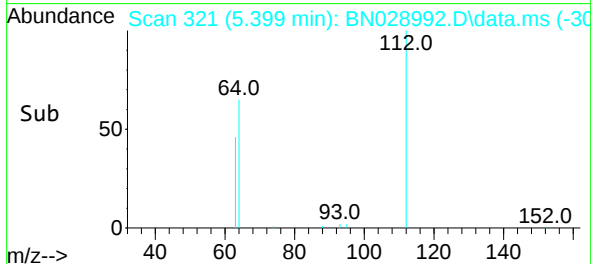
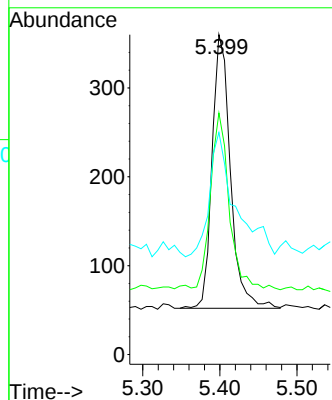
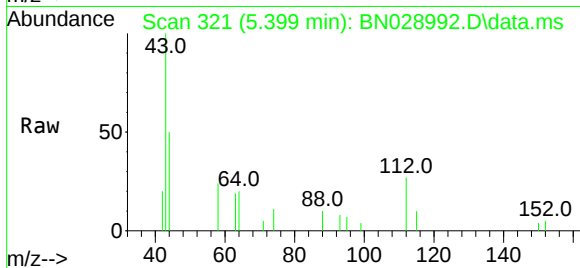




#4
2-Fluorophenol
Concen: 0.085 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.015 min
Lab File: BN028992.D
Acq: 02 Dec 2023 20:35

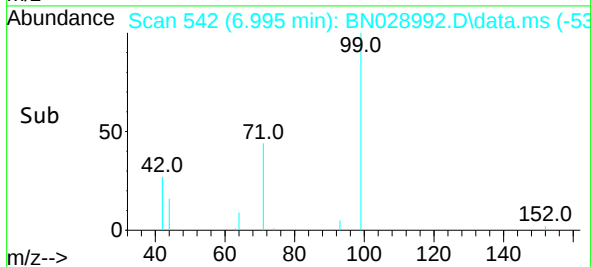
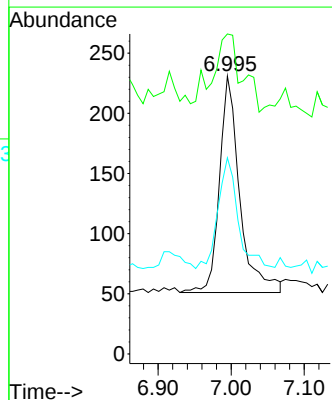
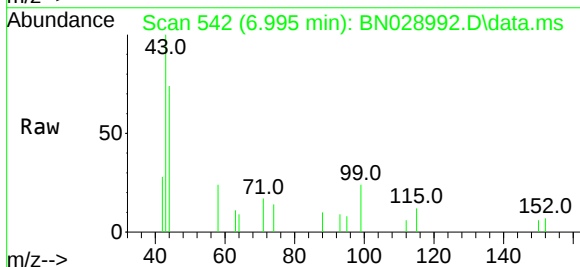
Instrument :
BNA_N
ClientSampleId :
RE134D1-20231109

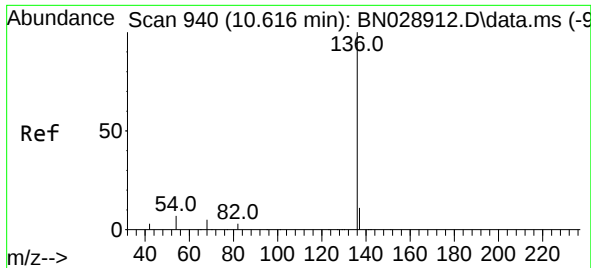
Tgt Ion:112 Resp: 507
Ion Ratio Lower Upper
112 100
64 67.1 51.5 77.3
63 64.3 30.4 45.6#



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.995 min Scan# 542
Delta R.T. -0.015 min
Lab File: BN028992.D
Acq: 02 Dec 2023 20:35

Tgt Ion: 99 Resp: 348
Ion Ratio Lower Upper
99 100
42 49.4 21.2 31.8#
71 52.9 35.4 53.0

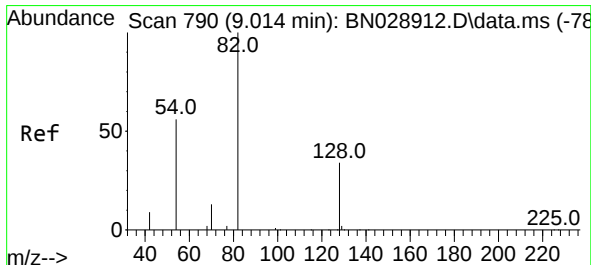
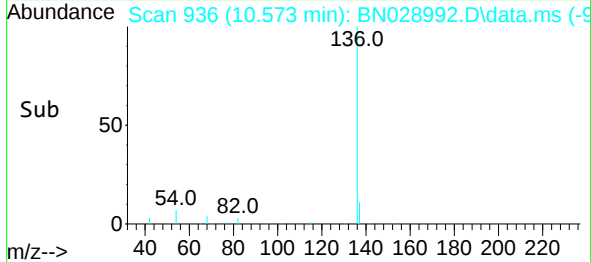
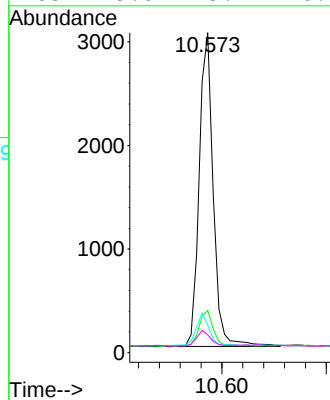
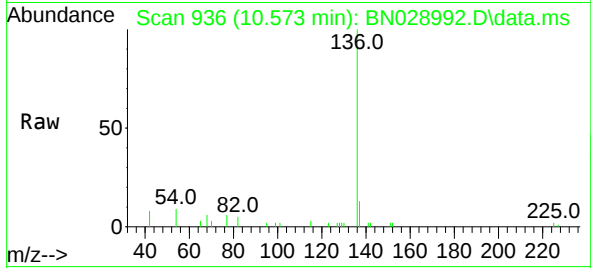




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028992.D
Acq: 02 Dec 2023 20:35

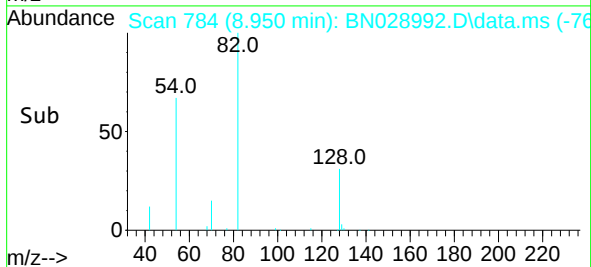
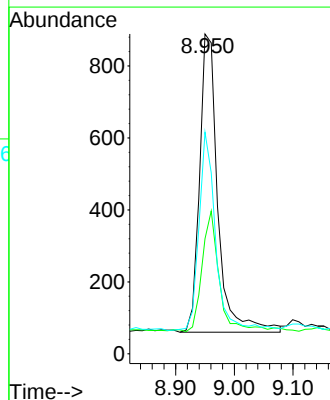
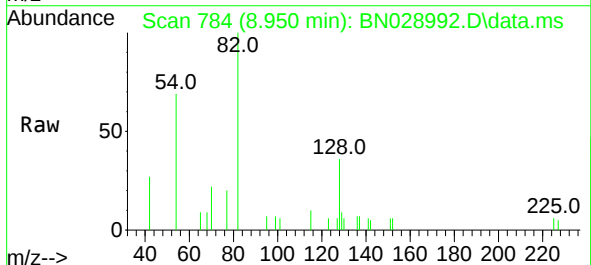
Instrument :
BNA_N
ClientSampleId :
RE134D1-20231109

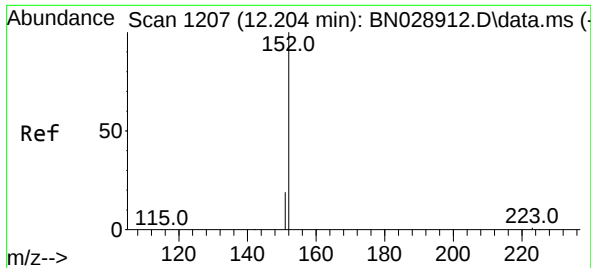
Tgt Ion:136	Resp:	5651
Ion Ratio	Lower	Upper
136	100	
137	13.2	10.6 16.0
54	8.6	7.5 11.3
68	5.6	5.9 8.9#



#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.022 min
Lab File: BN028992.D
Acq: 02 Dec 2023 20:35

Tgt Ion: 82	Resp:	1806
Ion Ratio	Lower	Upper
82	100	
128	36.0	29.2 43.8
54	69.3	47.0 70.6





#11

2-Methylnaphthalene-d10

Concen: 0.300 ng

RT: 12.159 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BN028992.D

Acq: 02 Dec 2023 20:35

Instrument :

BNA_N

ClientSampleId :

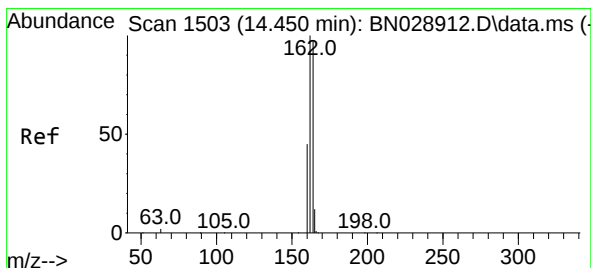
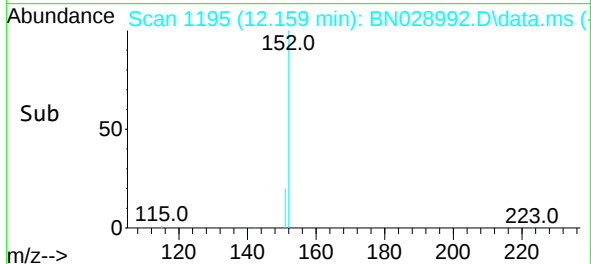
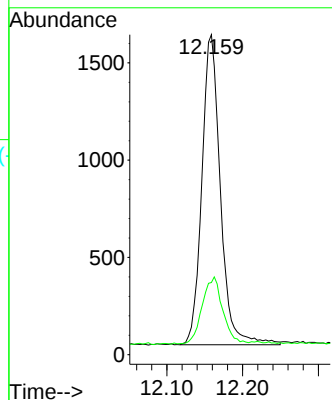
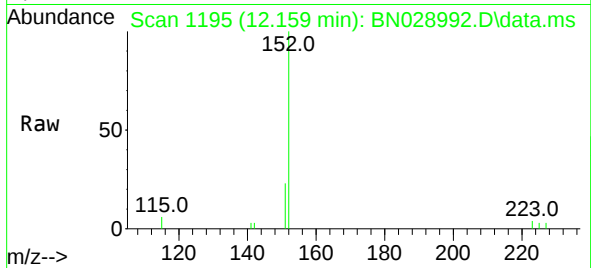
RE134D1-20231109

Tgt Ion:152 Resp: 2721

Ion Ratio Lower Upper

152 100

151 23.4 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: BN028992.D

Acq: 02 Dec 2023 20:35

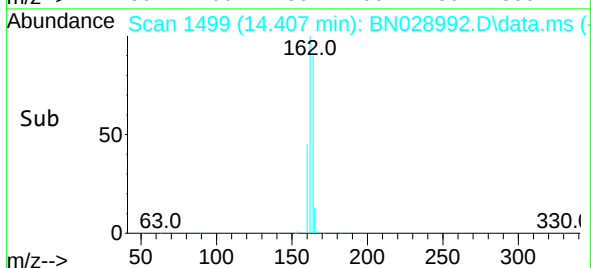
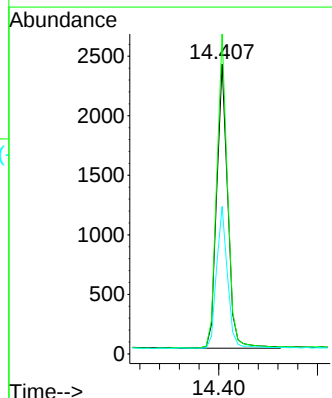
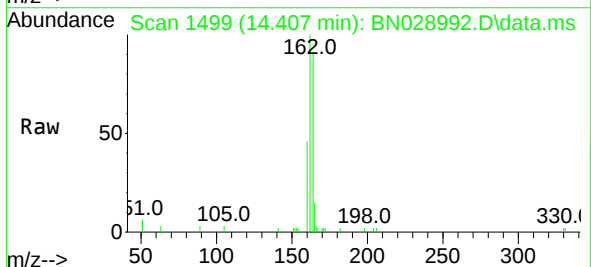
Tgt Ion:164 Resp: 3731

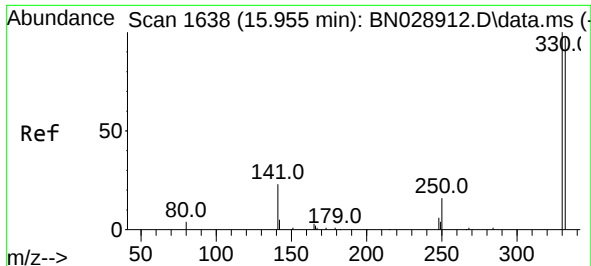
Ion Ratio Lower Upper

164 100

162 110.4 81.7 122.5

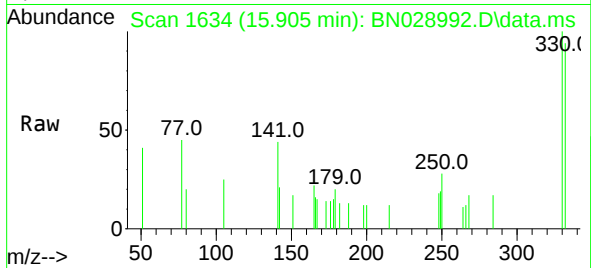
160 50.9 37.0 55.6



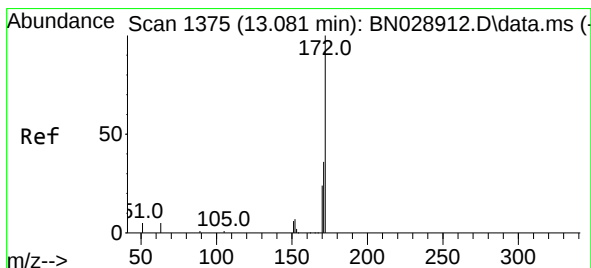
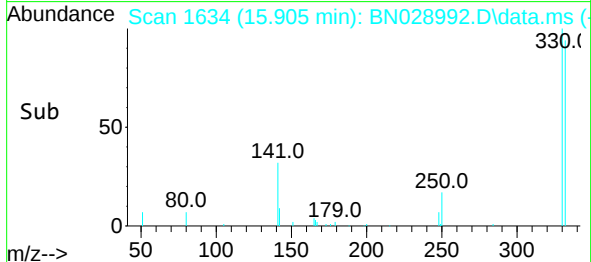
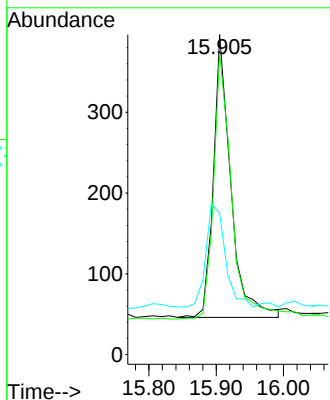


#14
2,4,6-Tribromophenol
Concen: 0.250 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.013 min
Lab File: BN028992.D
Acq: 02 Dec 2023 20:35

Instrument :
BNA_N
ClientSampleId :
RE134D1-20231109

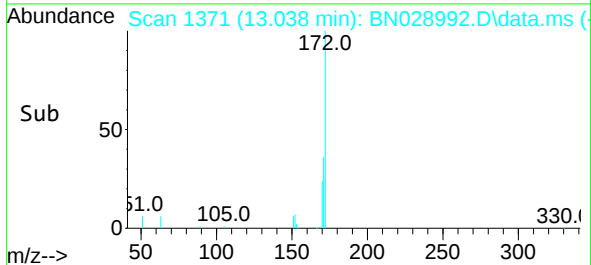
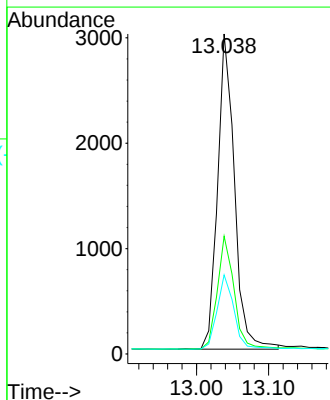
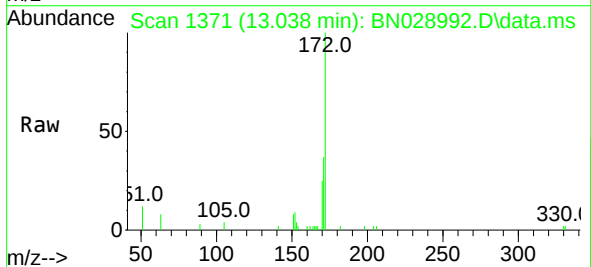


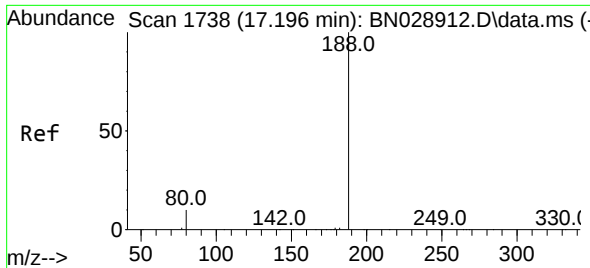
Tgt Ion:330 Resp: 630
Ion Ratio Lower Upper
330 100
332 97.9 75.4 113.2
141 40.8 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 13.038 min Scan# 1371
Delta R.T. -0.011 min
Lab File: BN028992.D
Acq: 02 Dec 2023 20:35

Tgt Ion:172 Resp: 4837
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.4
170 24.7 19.7 29.5

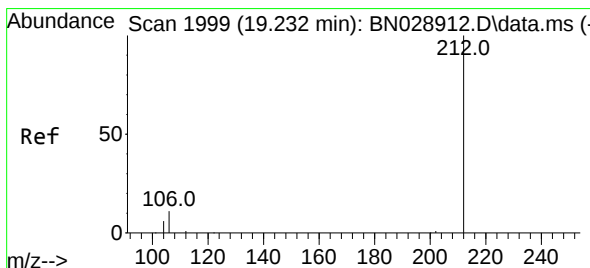
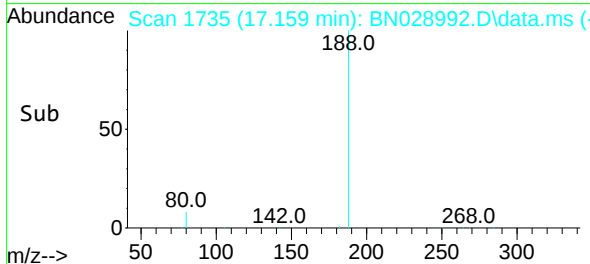
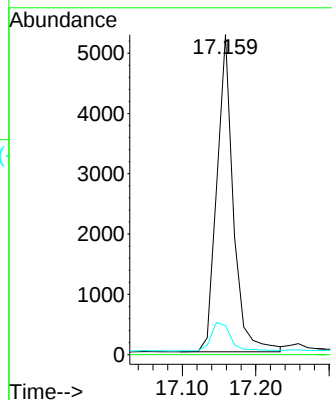
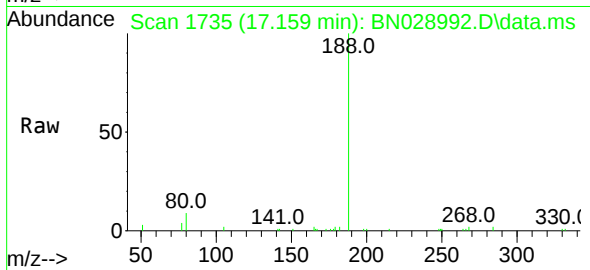




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.013 min
Lab File: BN028992.D
Acq: 02 Dec 2023 20:35

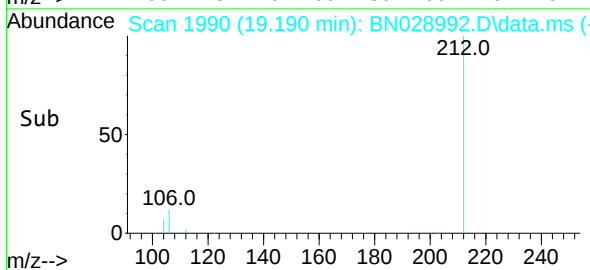
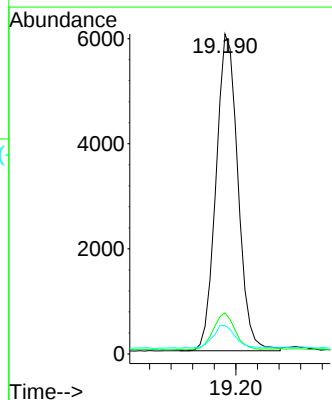
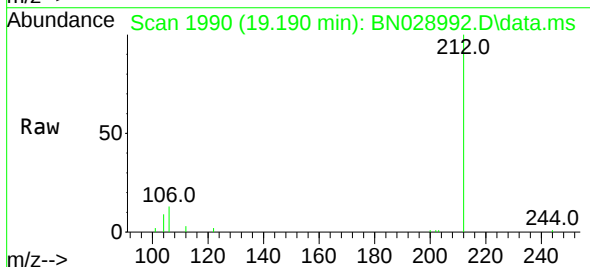
Instrument :
BNA_N
ClientSampleId :
RE134D1-20231109

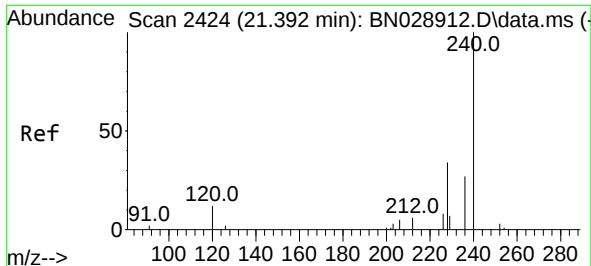
Tgt Ion:188 Resp: 8199
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.190 min Scan# 1990
Delta R.T. -0.019 min
Lab File: BN028992.D
Acq: 02 Dec 2023 20:35

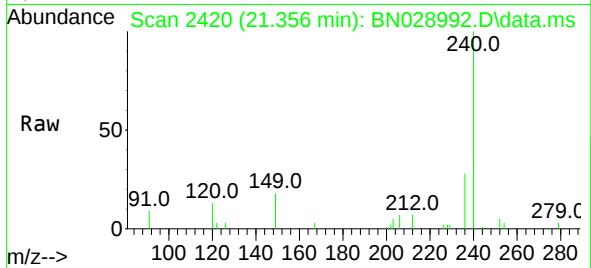
Tgt Ion:212 Resp: 8521
Ion Ratio Lower Upper
212 100
106 11.5 9.4 14.2
104 7.6 6.2 9.2



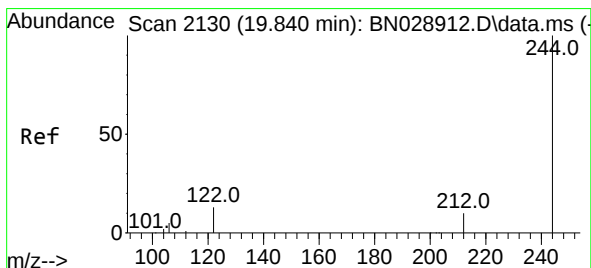
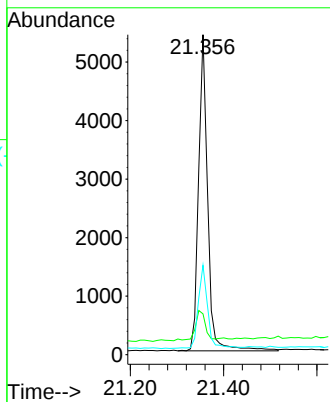
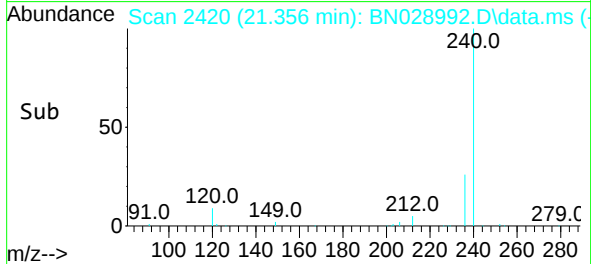


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.356 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BN028992.D
Acq: 02 Dec 2023 20:35

Instrument :
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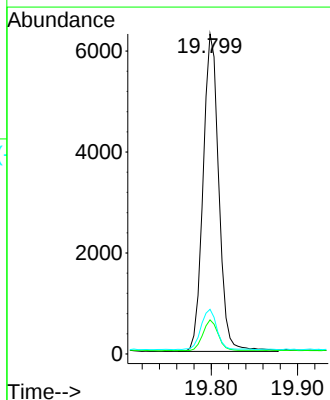
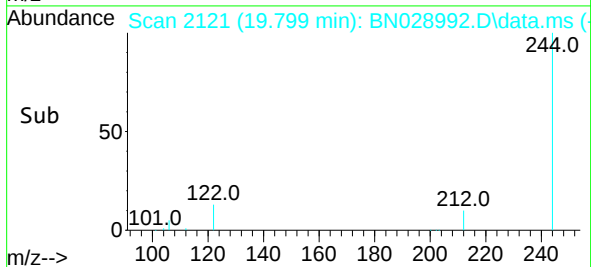
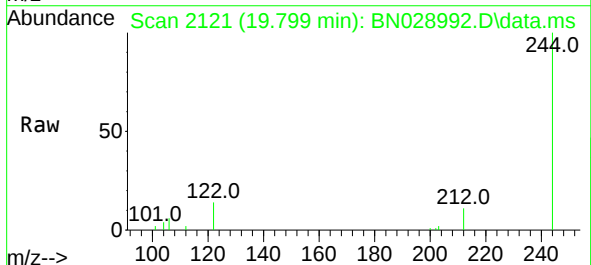


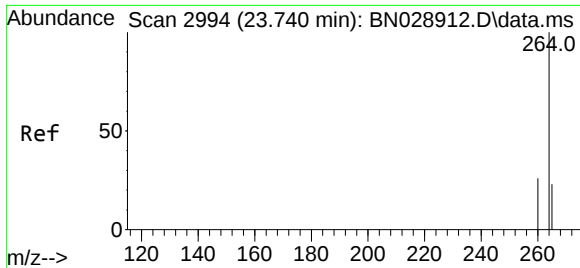
Tgt Ion:240 Resp: 7362
Ion Ratio Lower Upper
240 100
120 12.7 37.1 55.7#
236 27.9 32.4 48.6#



#31
Terphenyl-d14
Concen: 0.388 ng
RT: 19.799 min Scan# 2121
Delta R.T. -0.019 min
Lab File: BN028992.D
Acq: 02 Dec 2023 20:35

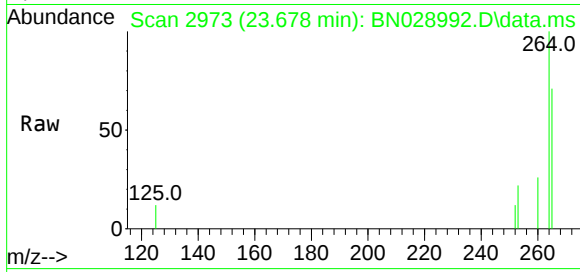
Tgt Ion:244 Resp: 7987
Ion Ratio Lower Upper
244 100
212 10.6 11.5 17.3#
122 13.9 13.2 19.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.678 min Scan# 2994
 Delta R.T. -0.029 min
 Lab File: BN028992.D
 Acq: 02 Dec 2023 20:35

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20231109



Tgt Ion:264 Resp: 6973
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.6 30.8
 265 70.9 464.5 696.7#

