

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN029001.D
 Acq On : 03 Dec 2023 01:59
 Operator : MA/JU
 Sample : 05404-21
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20231109

Quant Time: Dec 03 08:18:11 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)

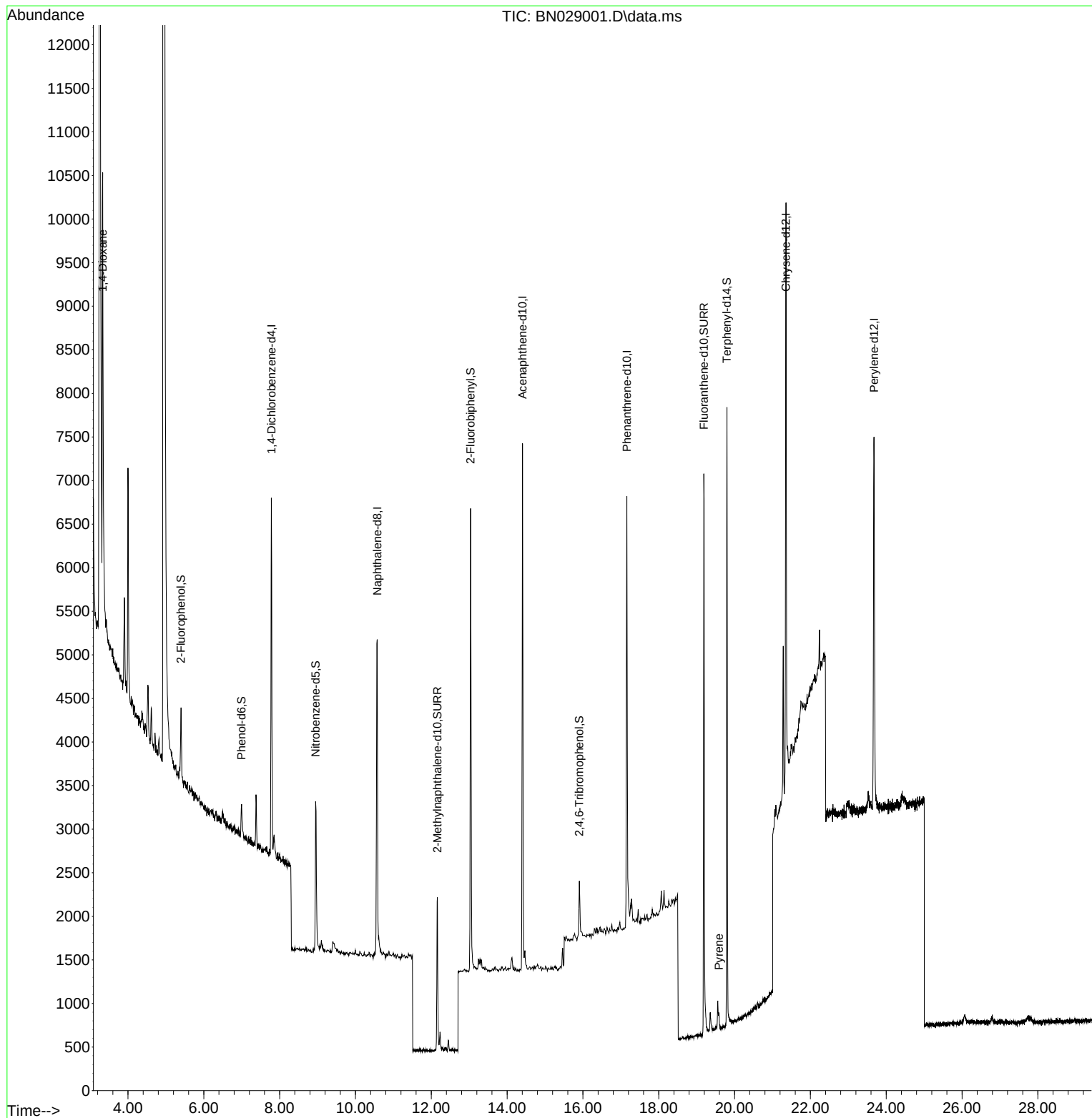
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	1913	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	5463	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3448	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	7454	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	6381	0.400	ng	#-0.02
35) Perylene-d12	23.678	264	6037	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	542	0.093	ng	-0.01
5) Phenol-d6	6.995	99	383	0.060	ng	-0.01
8) Nitrobenzene-d5	8.950	82	1688	0.311	ng	-0.02
11) 2-Methylnaphthalene-d10	12.159	152	2572	0.293	ng	-0.01
14) 2,4,6-Tribromophenol	15.905	330	454	0.195	ng	-0.01
15) 2-Fluorobiphenyl	13.039	172	4735	0.318	ng	-0.01
27) Fluoranthene-d10	19.190	212	7465	0.381	ng	-0.02
31) Terphenyl-d14	19.799	244	7064	0.393	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	3637	1.941	ng	# 88
30) Pyrene	19.585	202	176	0.098	ng	# 94

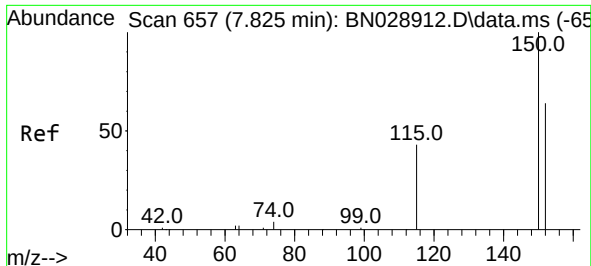
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN029001.D
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Misc :
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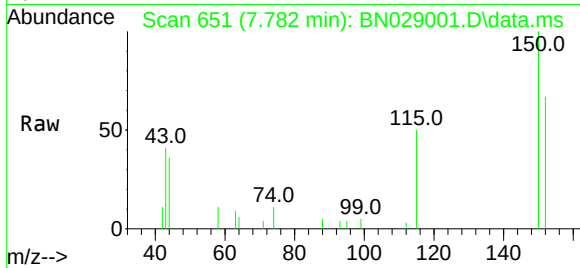
Quant Time: Dec 03 08:18:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration





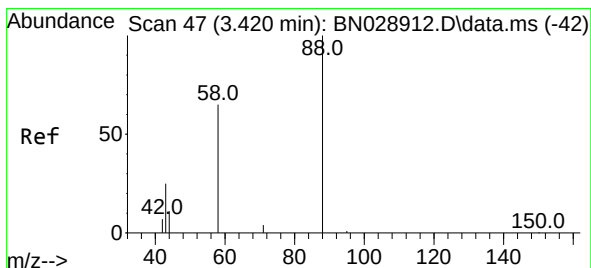
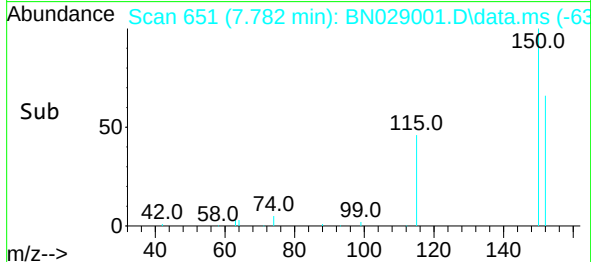
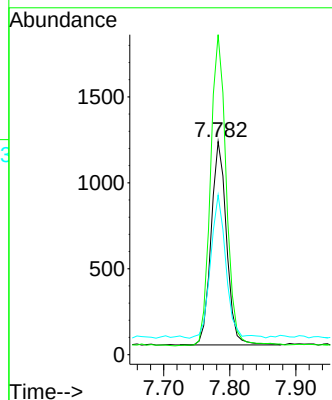
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN029001.D
 Acq: 03 Dec 2023 01:59

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20231109



Tgt Ion:152 Resp: 1913

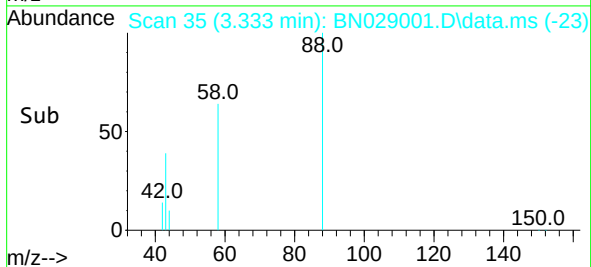
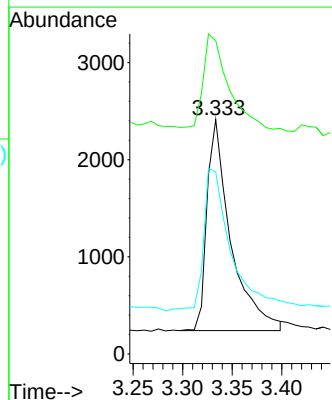
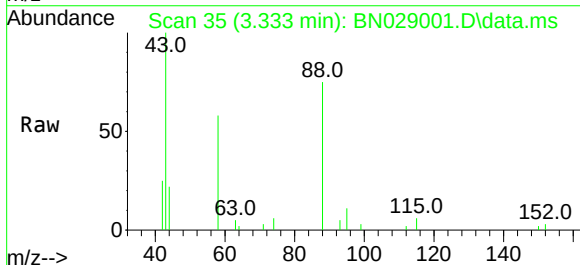
Ion	Ratio	Lower	Upper
152	100		
150	150.2	123.4	185.2
115	74.9	59.1	88.7

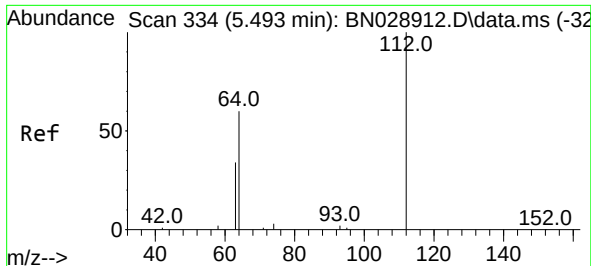


#2
 1,4-Dioxane
 Concen: 1.941 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.015 min
 Lab File: BN029001.D
 Acq: 03 Dec 2023 01:59

Tgt Ion: 88 Resp: 3637

Ion	Ratio	Lower	Upper
88	100		
43	47.2	29.9	44.9#
58	76.8	55.0	82.4

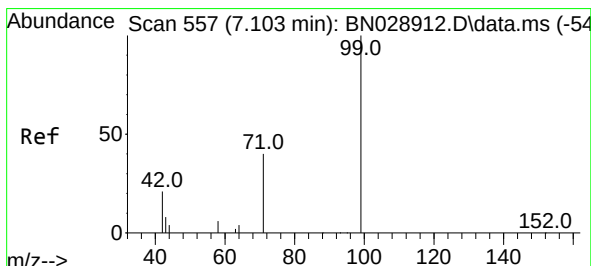
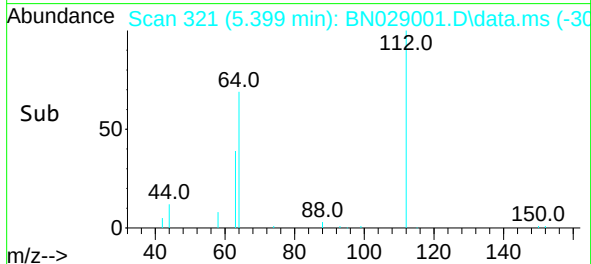
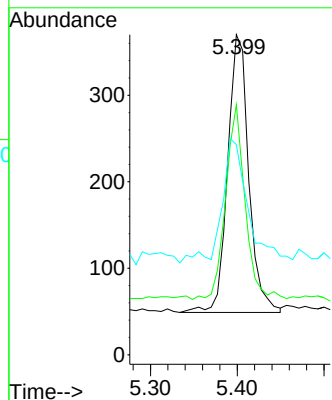
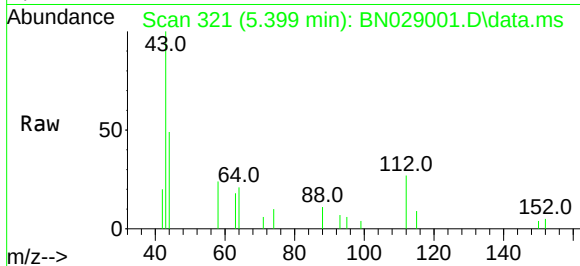




#4
2-Fluorophenol
Concen: 0.093 ng
RT: 5.399 min Scan# 311
Delta R.T. -0.015 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

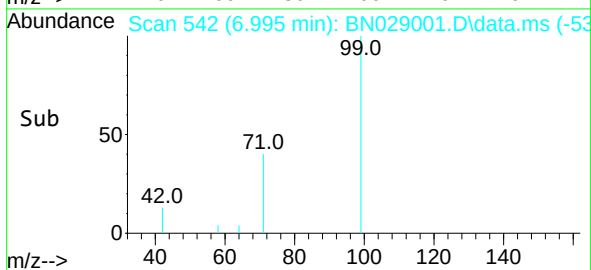
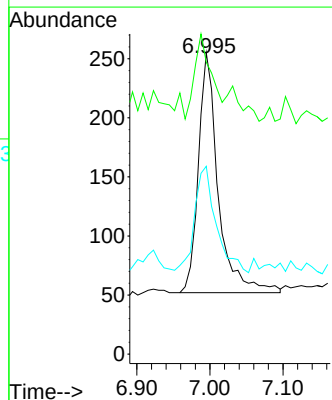
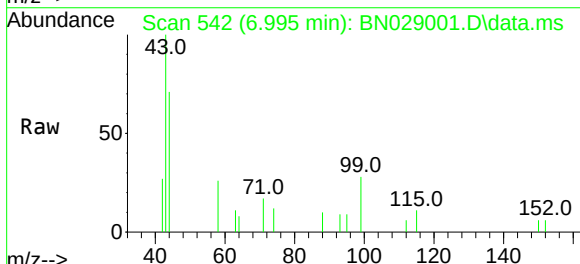
Instrument :
BNA_N
ClientSampleId :
RE125D3-20231109

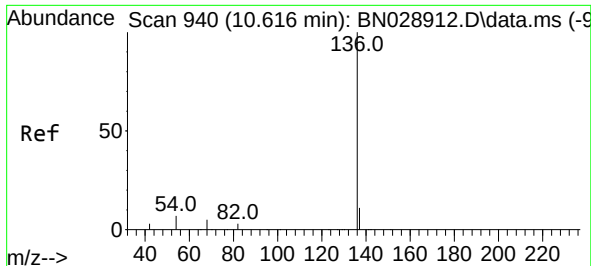
Tgt Ion:112 Resp: 542
Ion Ratio Lower Upper
112 100
64 64.6 51.5 77.3
63 55.2 30.4 45.6#



#5
Phenol-d6
Concen: 0.060 ng
RT: 6.995 min Scan# 542
Delta R.T. -0.015 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

Tgt Ion: 99 Resp: 383
Ion Ratio Lower Upper
99 100
42 29.8 21.2 31.8
71 47.8 35.4 53.0

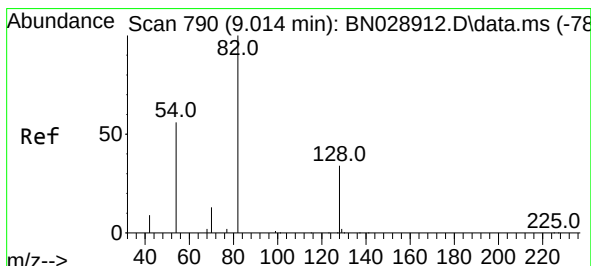
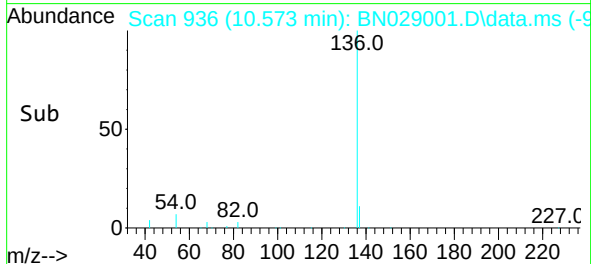
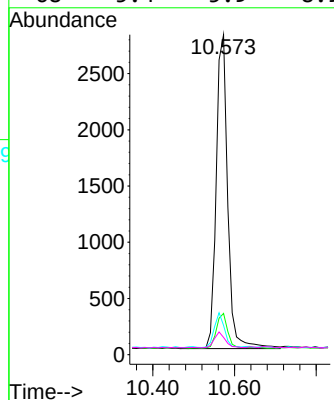
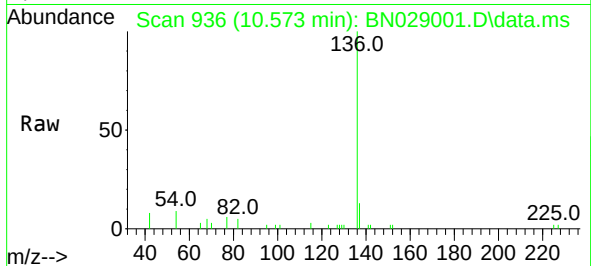




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

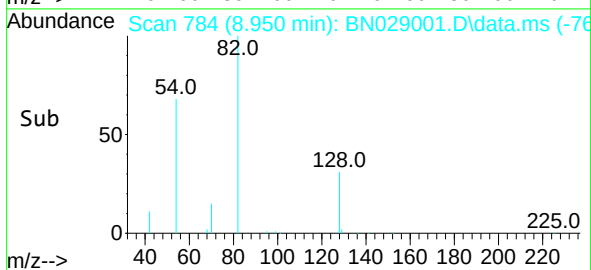
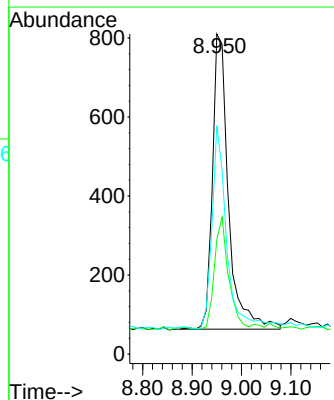
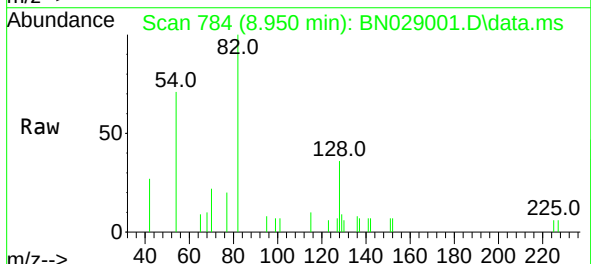
Instrument :
BNA_N
ClientSampleId :
RE125D3-20231109

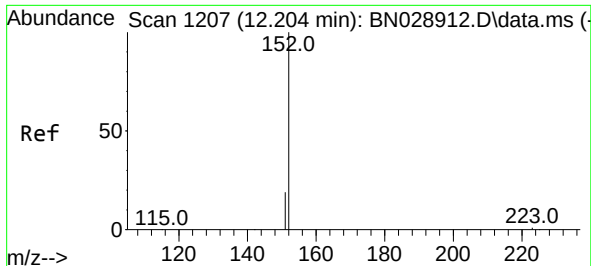
Tgt Ion:	136	Resp:	5463
Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.6	16.0
54	9.2	7.5	11.3
68	5.4	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

Tgt Ion:	82	Resp:	1688
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.2	43.8
54	71.4	47.0	70.6

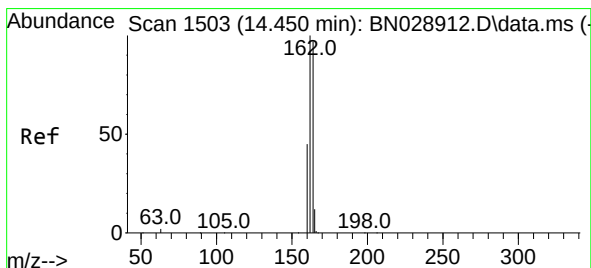
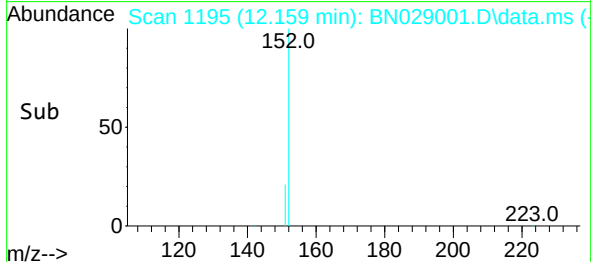
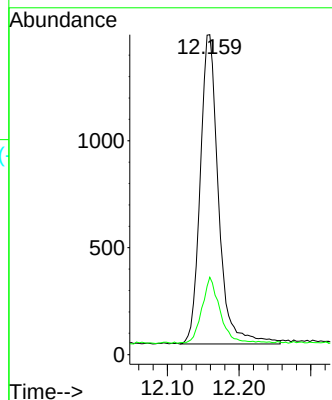
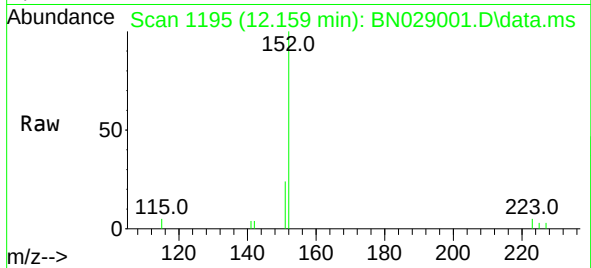




#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.159 min Scan# 1195
Delta R.T. -0.011 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

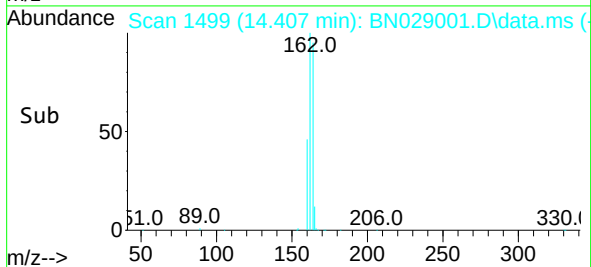
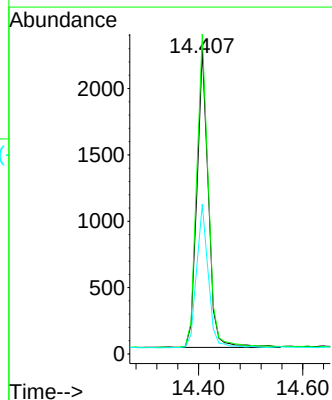
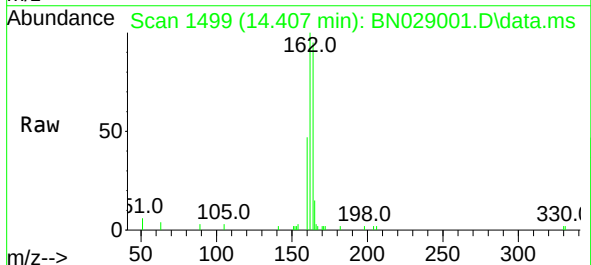
Instrument :
BNA_N
ClientSampleId :
RE125D3-20231109

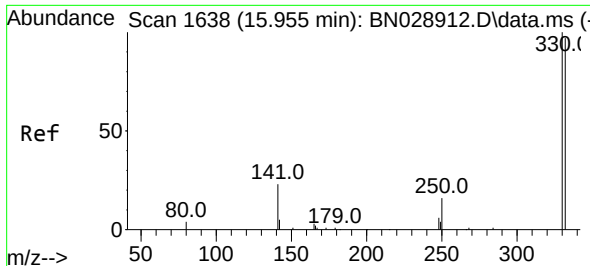
Tgt Ion:152 Resp: 2572
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 1499
Delta R.T. -0.011 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

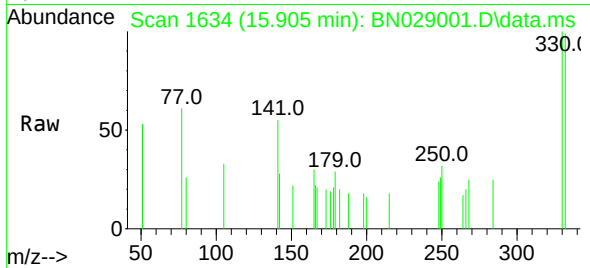
Tgt Ion:164 Resp: 3448
Ion Ratio Lower Upper
164 100
162 105.3 81.7 122.5
160 49.3 37.0 55.6



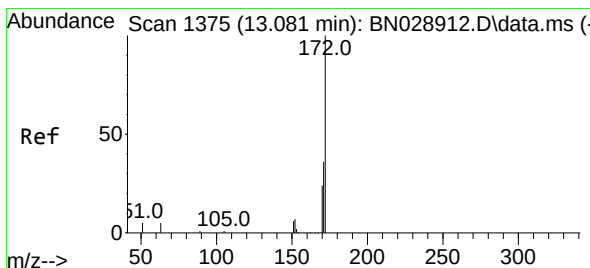
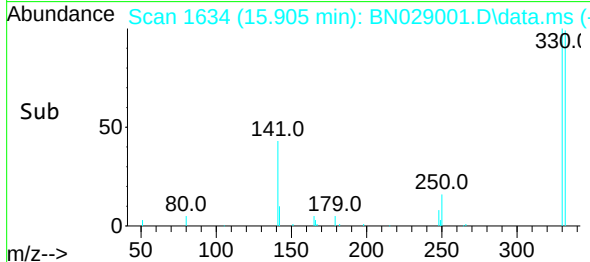
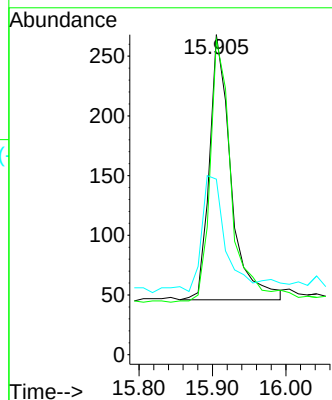


#14
2,4,6-Tribromophenol
Concen: 0.195 ng
RT: 15.905 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

Instrument :
BNA_N
ClientSampleId :
RE125D3-20231109

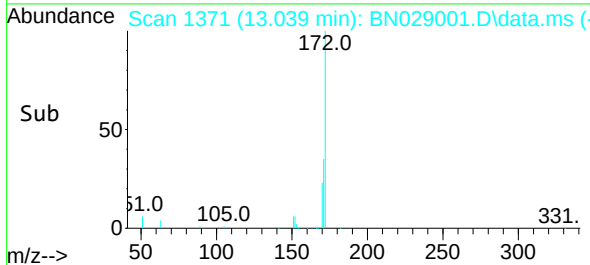
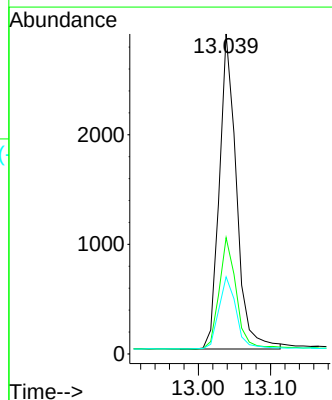
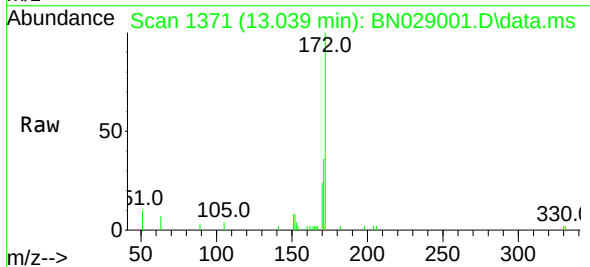


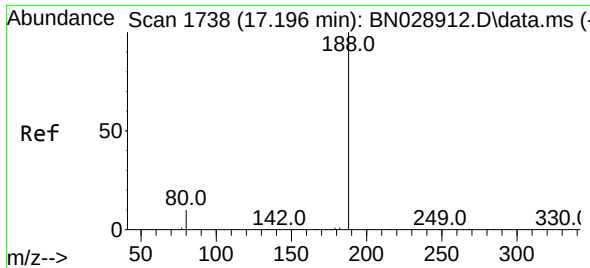
Tgt Ion:330 Resp: 454
Ion Ratio Lower Upper
330 100
332 99.8 75.4 113.2
141 46.3 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.039 min Scan# 1371
Delta R.T. -0.011 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

Tgt Ion:172 Resp: 4735
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.1 19.7 29.5

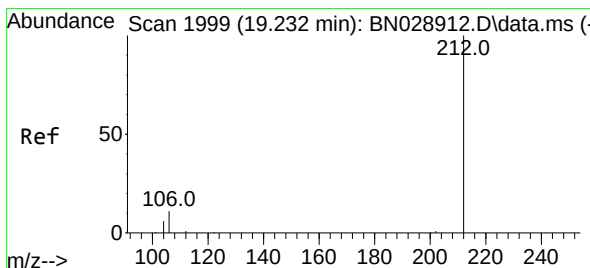
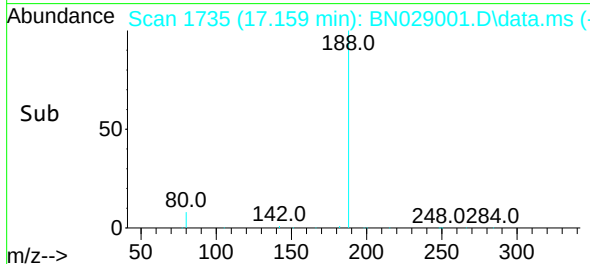
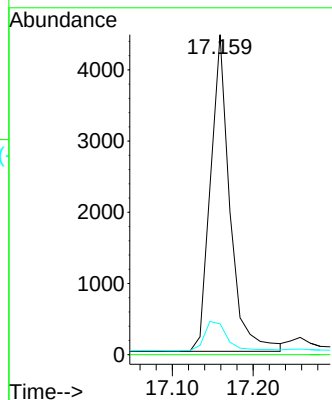
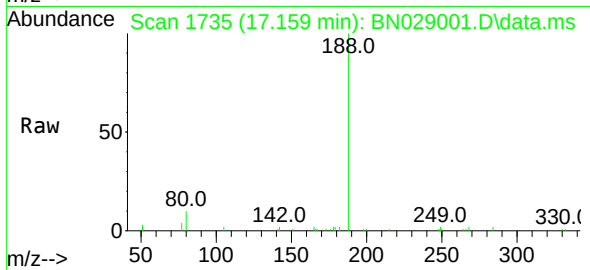




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

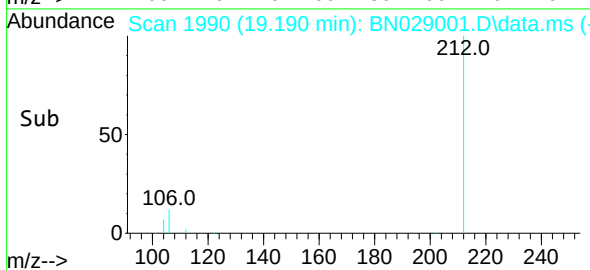
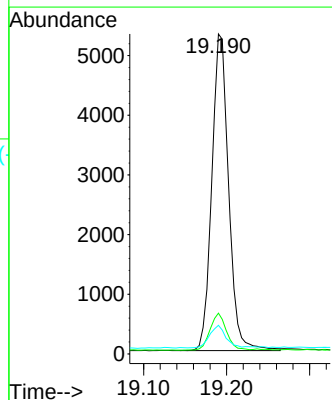
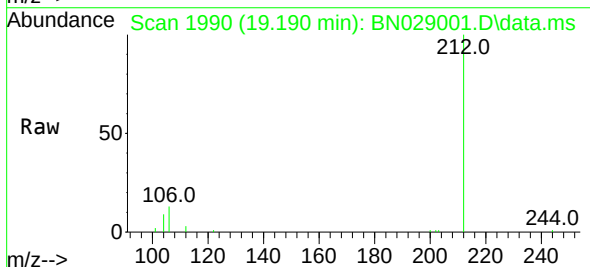
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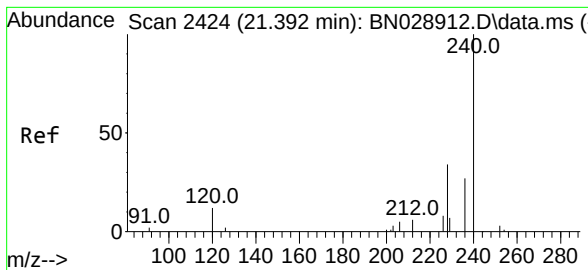
Tgt Ion:188 Resp: 7454
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.190 min Scan# 1990
Delta R.T. -0.019 min
Lab File: BN029001.D
Acq: 03 Dec 2023 01:59

Tgt Ion:212 Resp: 7465
Ion Ratio Lower Upper
212 100
106 11.3 9.4 14.2
104 7.3 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: BN029001.D

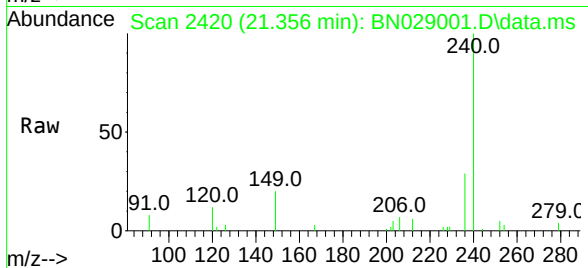
Acq: 03 Dec 2023 01:59

Instrument :

BNA_N

ClientSampleId :

RE125D3-20231109



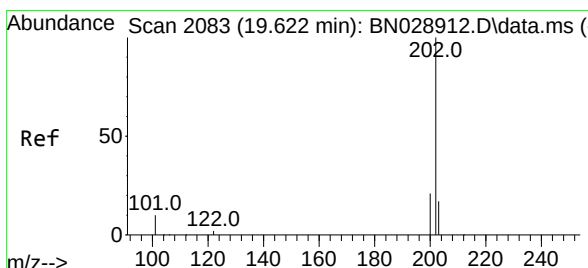
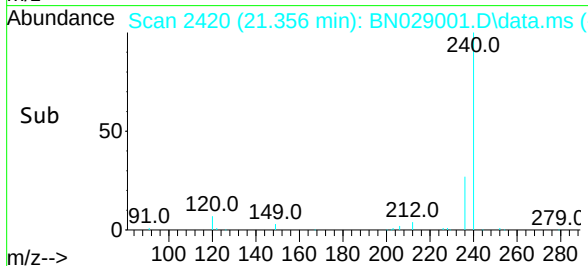
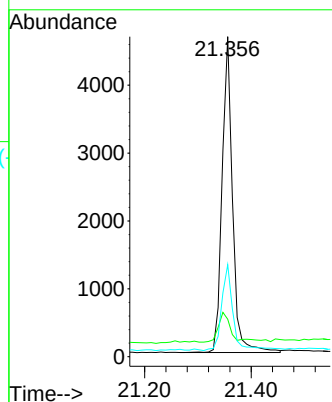
Tgt Ion:240 Resp: 6381

Ion Ratio Lower Upper

240 100

120 11.7 37.1 55.7#

236 28.8 32.4 48.6#



#30

Pyrene

Concen: 0.098 ng

RT: 19.585 min Scan# 2075

Delta R.T. -0.019 min

Lab File: BN029001.D

Acq: 03 Dec 2023 01:59

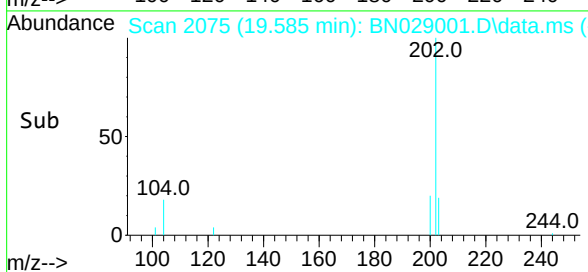
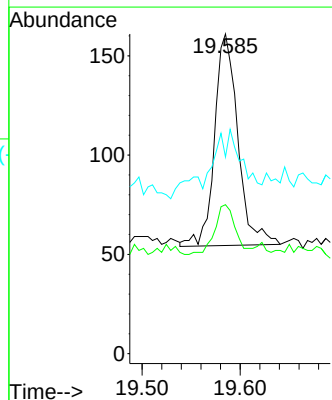
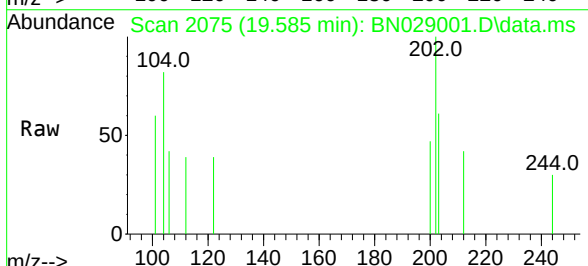
Tgt Ion:202 Resp: 176

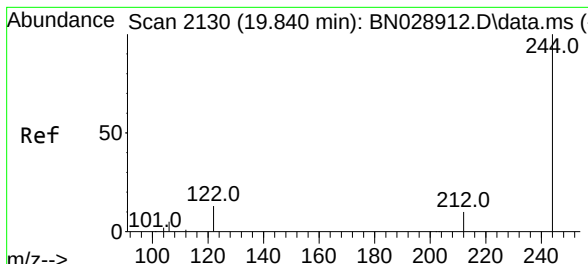
Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 13.1 14.8 22.2#

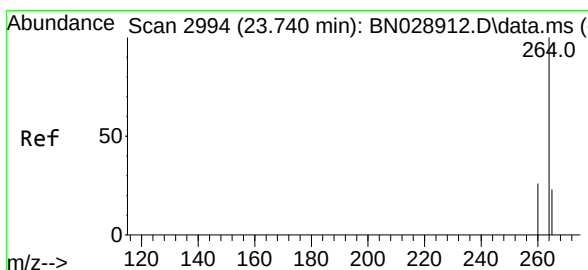
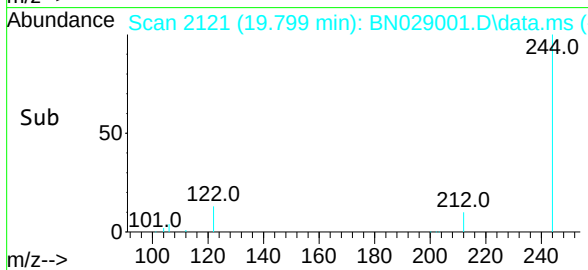
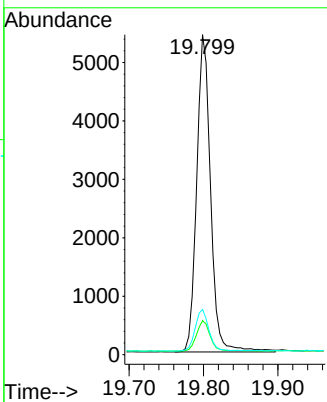
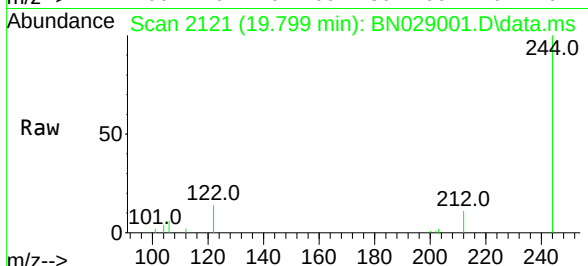




#31
 Terphenyl-d14
 Concen: 0.393 ng
 RT: 19.799 min Scan# 2130
 Delta R.T. -0.019 min
 Lab File: BN029001.D
 Acq: 03 Dec 2023 01:59

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20231109

Tgt Ion:244	Resp:	7064
Ion Ratio	Lower	Upper
244	100	
212	10.6	11.5 17.3#
122	14.2	13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.678 min Scan# 2973
 Delta R.T. -0.029 min
 Lab File: BN029001.D
 Acq: 03 Dec 2023 01:59

Tgt Ion:264	Resp:	6037
Ion Ratio	Lower	Upper
264	100	
260	26.6	20.6 30.8
265	76.4	464.5 696.7#

