

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029014.D
 Acq On : 03 Dec 2023 10:58
 Operator : MA/JU
 Sample : 05404-06
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20231109

Quant Time: Dec 04 00:42:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 00:28:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

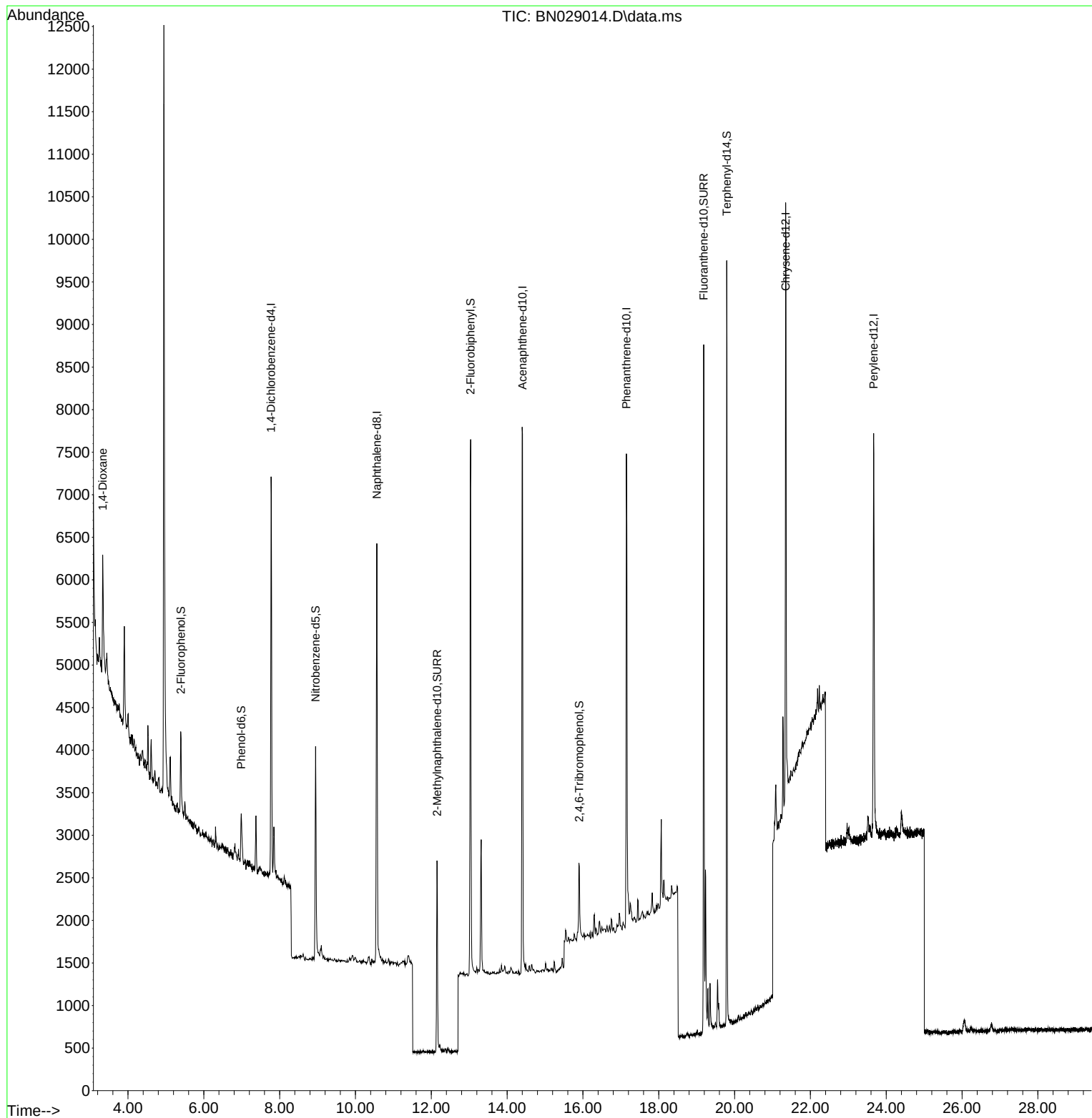
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2284	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	6618	0.400	ng	# 0.00
13) Acenaphthene-d10	14.407	164	4237	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	8787	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	6950	0.400	ng	# 0.00
35) Perylene-d12	23.669	264	6634	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	741	0.107	ng	0.00
5) Phenol-d6	6.988	99	542	0.071	ng	0.00
8) Nitrobenzene-d5	8.950	82	2105	0.320	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	3236	0.305	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	682	0.238	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	5826	0.318	ng	0.00
27) Fluoranthene-d10	19.185	212	9340	0.404	ng	0.00
31) Terphenyl-d14	19.794	244	8708	0.425	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.333	88	971	0.434	ng	# 75

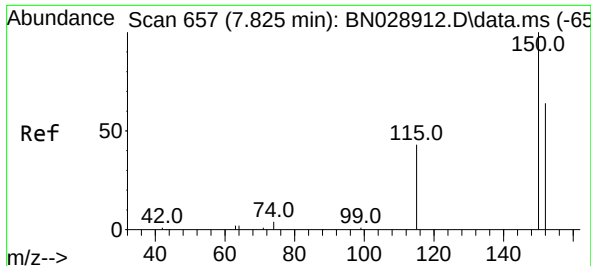
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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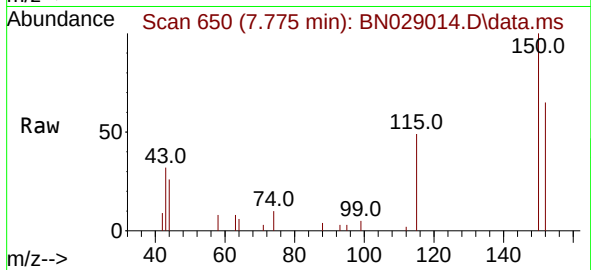
Quant Time: Dec 04 00:42:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration





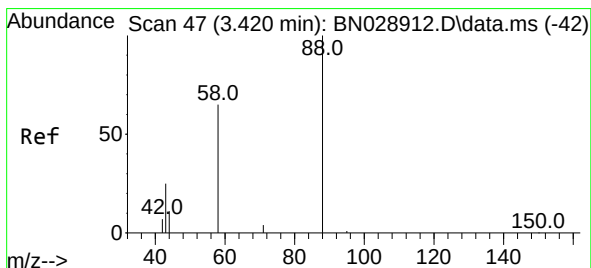
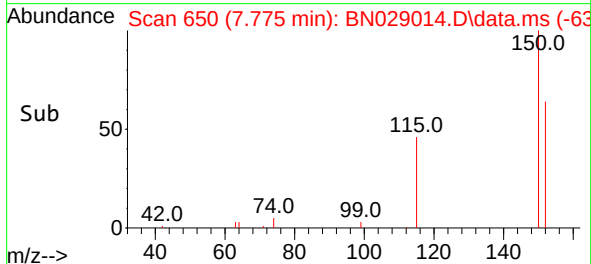
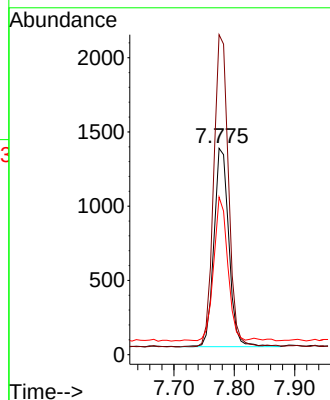
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029014.D
 Acq: 03 Dec 2023 10:58

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20231109



Tgt Ion:152 Resp: 2284

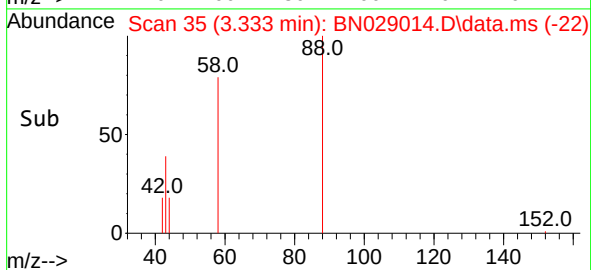
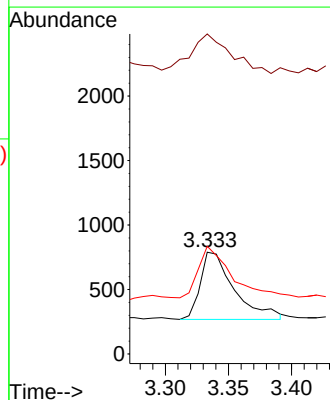
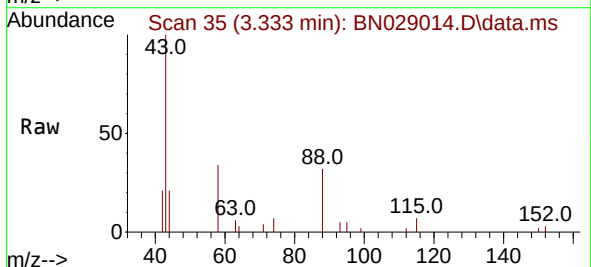
Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.4	185.2
115	76.3	59.1	88.7

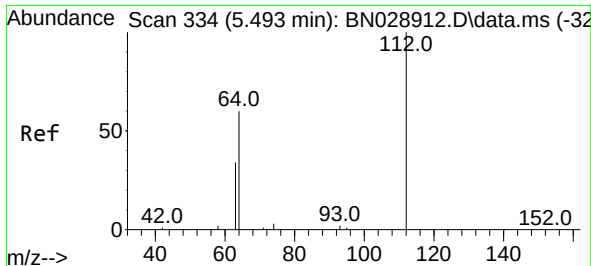


#2
 1,4-Dioxane
 Concen: 0.434 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN029014.D
 Acq: 03 Dec 2023 10:58

Tgt Ion: 88 Resp: 971

Ion	Ratio	Lower	Upper
88	100		
43	71.3	29.9	44.9
58	75.1	55.0	82.4

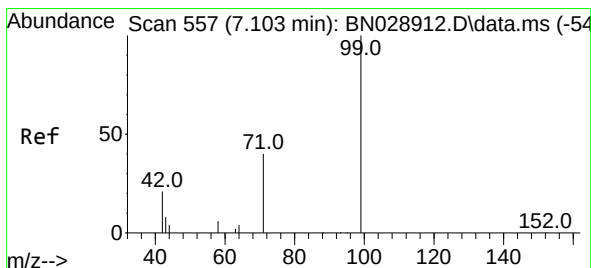
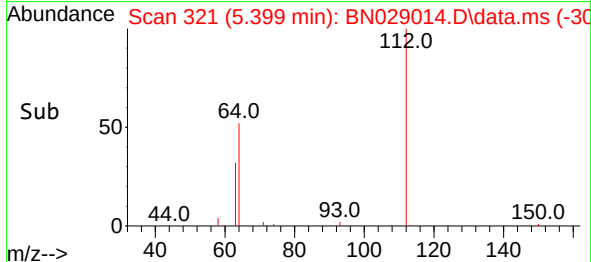
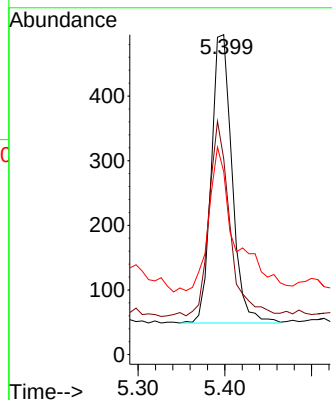
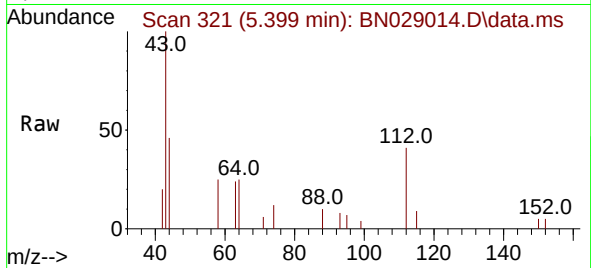




#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.399 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN029014.D
Acq: 03 Dec 2023 10:58

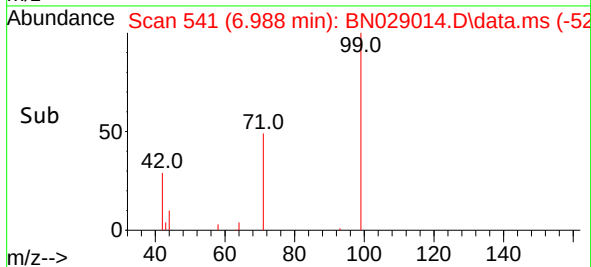
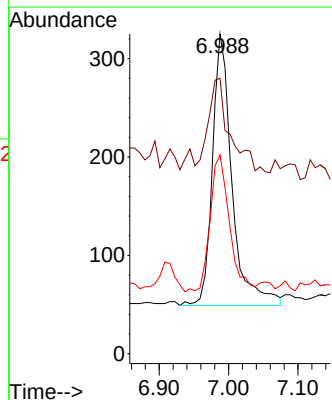
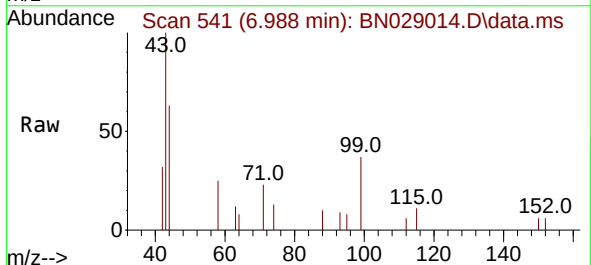
Instrument :
BNA_N
ClientSampleId :
TT17411-20231109

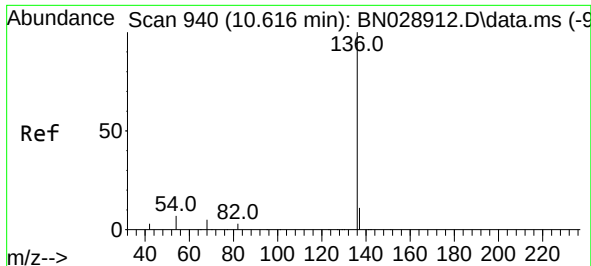
Tgt Ion:112 Resp: 741
Ion Ratio Lower Upper
112 100
64 69.1 51.5 77.3
63 63.2 30.4 45.6#



#5
Phenol-d6
Concen: 0.071 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN029014.D
Acq: 03 Dec 2023 10:58

Tgt Ion: 99 Resp: 542
Ion Ratio Lower Upper
99 100
42 38.4 21.2 31.8#
71 48.2 35.4 53.0

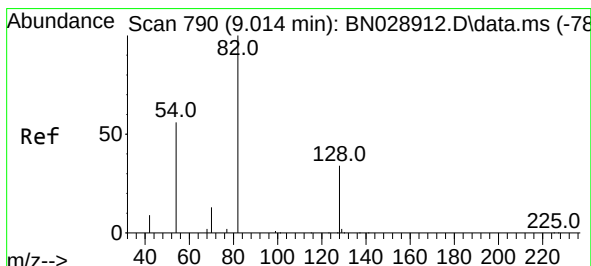
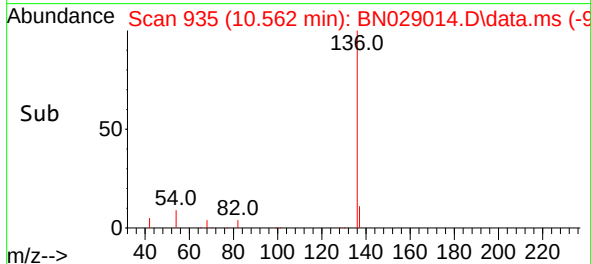
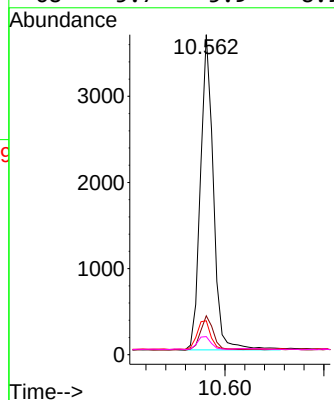
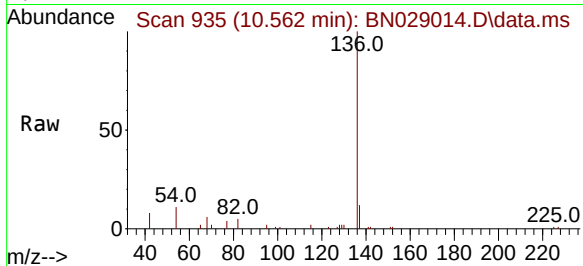




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN029014.D
Acq: 03 Dec 2023 10:58

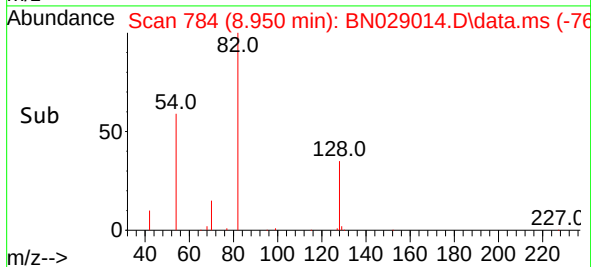
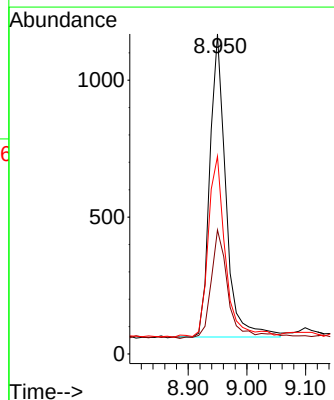
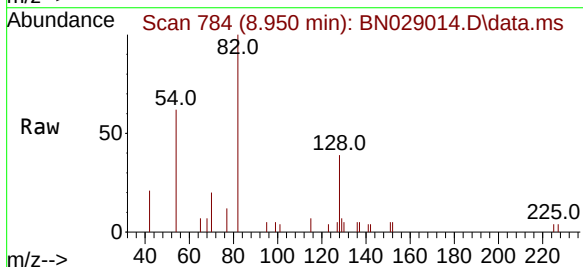
Instrument :
BNA_N
ClientSampleId :
TT17411-20231109

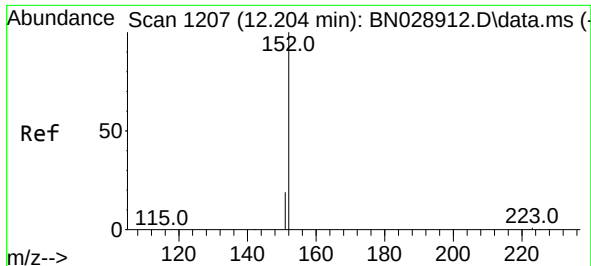
Tgt Ion:	136	Resp:	6618
Ion Ratio	Lower	Upper	
136	100		
137	12.2	10.6	16.0
54	10.6	7.5	11.3
68	5.7	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN029014.D
Acq: 03 Dec 2023 10:58

Tgt Ion:	82	Resp:	2105
Ion Ratio	Lower	Upper	
82	100		
128	38.8	29.2	43.8
54	61.8	47.0	70.6





#11

2-Methylnaphthalene-d10

Concen: 0.305 ng

RT: 12.151 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BN029014.D

Acq: 03 Dec 2023 10:58

Instrument :

BNA_N

ClientSampleId :

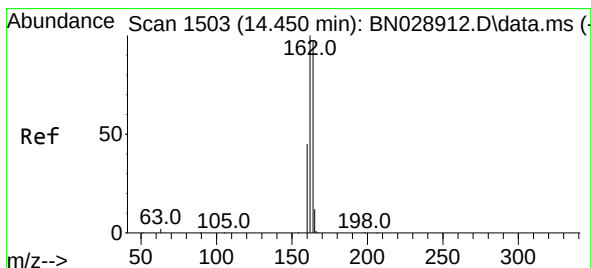
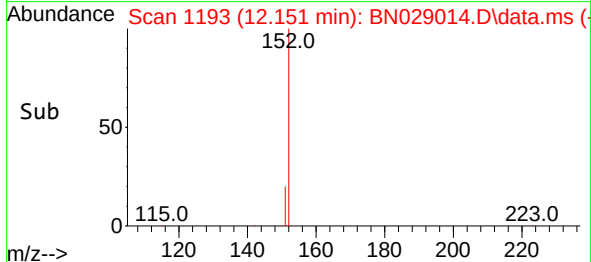
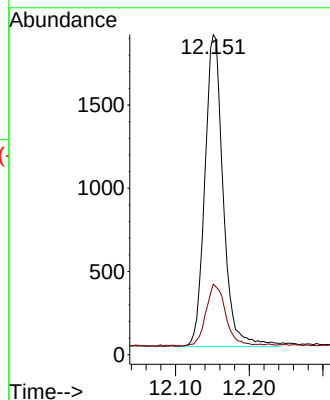
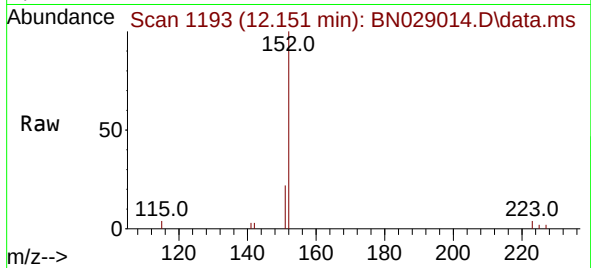
TT17411-20231109

Tgt Ion:152 Resp: 3236

Ion Ratio Lower Upper

152 100

151 21.4 16.7 25.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.407 min Scan# 1499

Delta R.T. -0.000 min

Lab File: BN029014.D

Acq: 03 Dec 2023 10:58

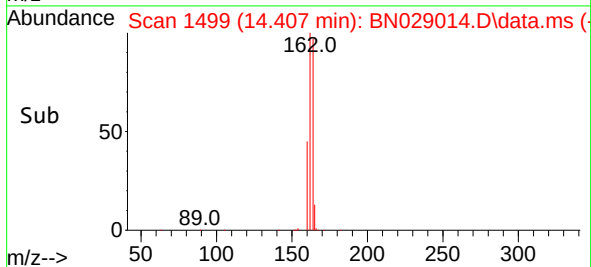
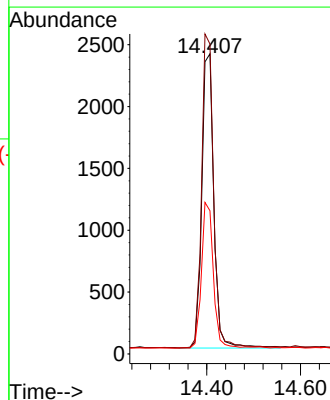
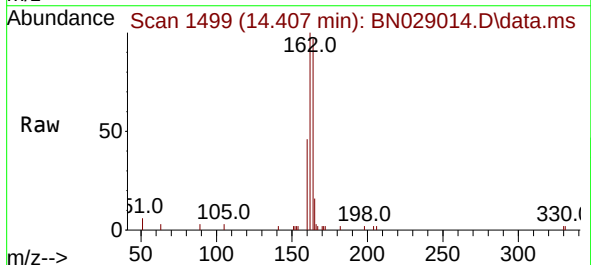
Tgt Ion:164 Resp: 4237

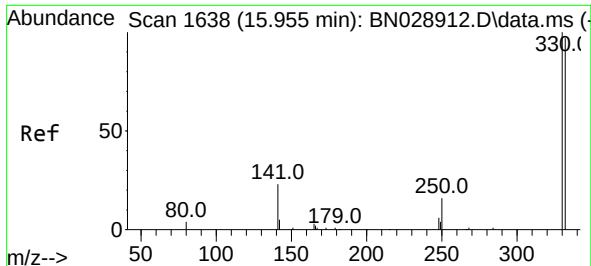
Ion Ratio Lower Upper

164 100

162 103.3 81.7 122.5

160 47.7 37.0 55.6

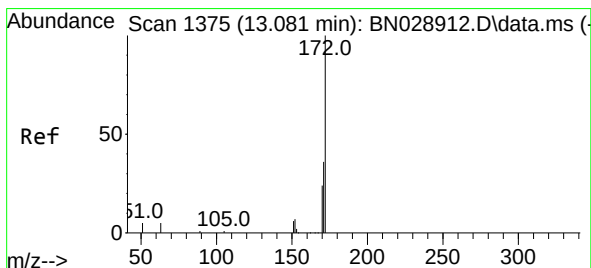
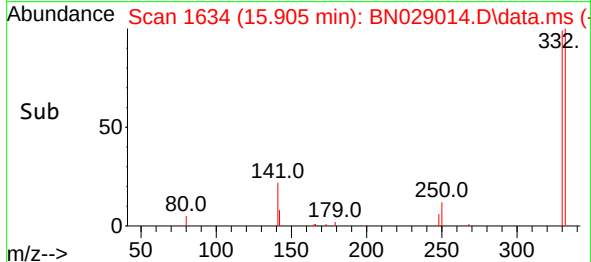
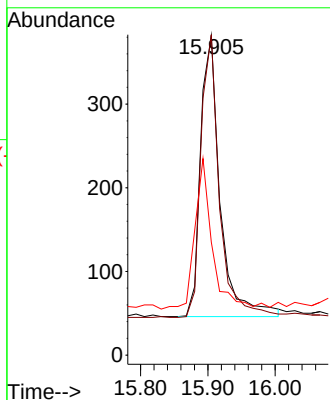
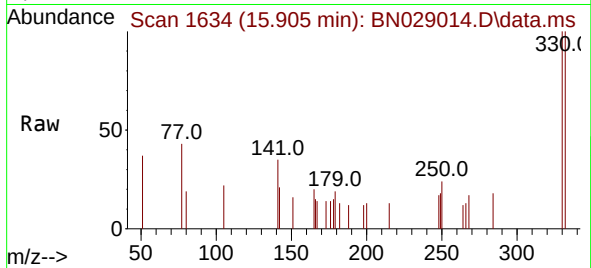




#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN029014.D
Acq: 03 Dec 2023 10:58

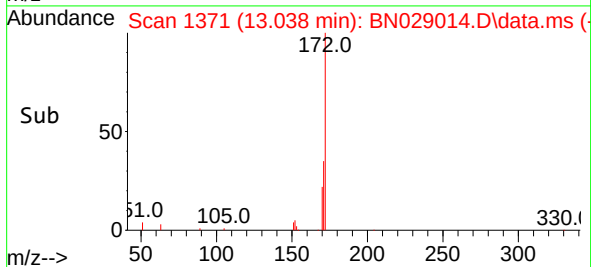
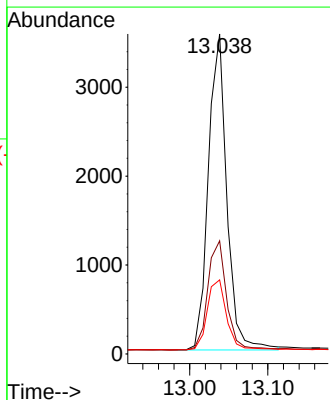
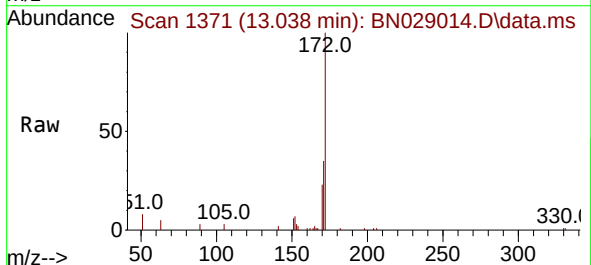
Instrument :
BNA_N
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TT17411-20231109

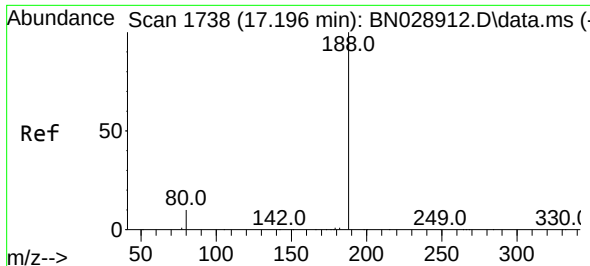
Tgt Ion:330 Resp: 682
Ion Ratio Lower Upper
330 100
332 95.2 75.4 113.2
141 46.8 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.038 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BN029014.D
Acq: 03 Dec 2023 10:58

Tgt Ion:172 Resp: 5826
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 23.2 19.7 29.5

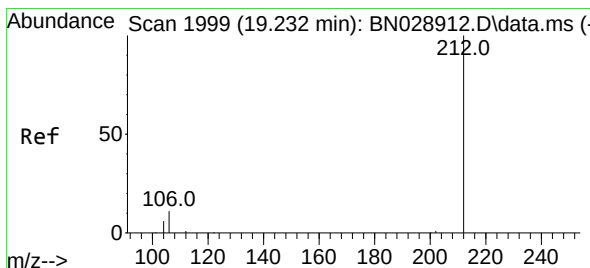
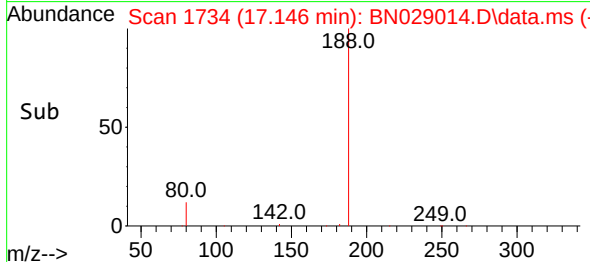
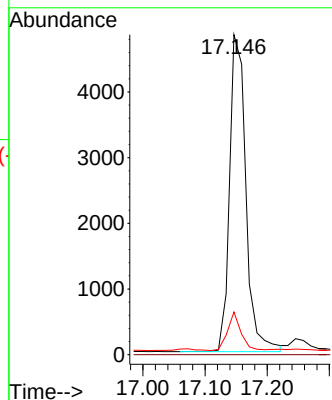
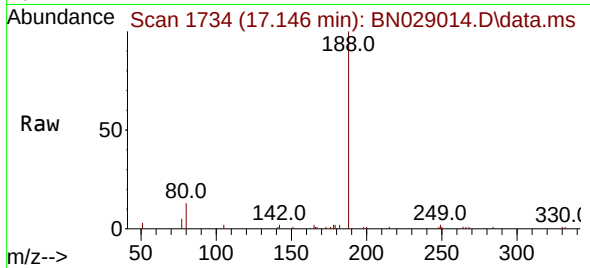




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN029014.D
Acq: 03 Dec 2023 10:58

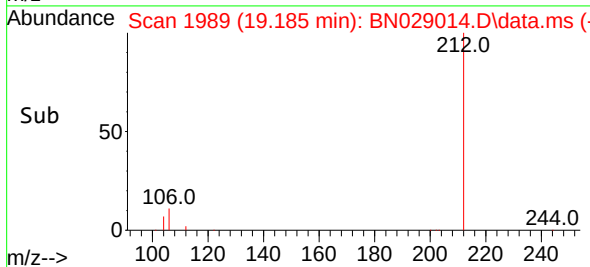
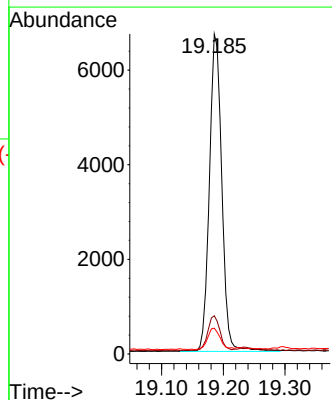
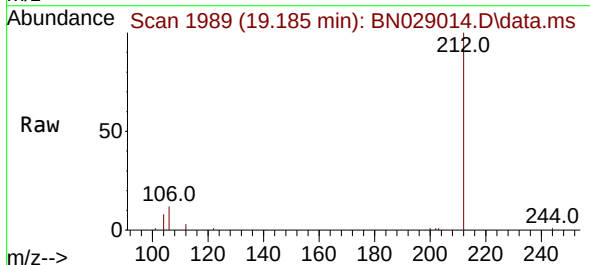
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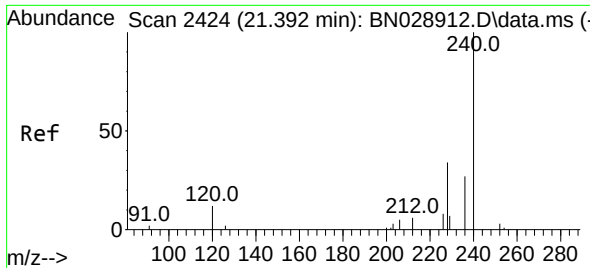
Tgt Ion:188 Resp: 8787
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.185 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BN029014.D
Acq: 03 Dec 2023 10:58

Tgt Ion:212 Resp: 9340
Ion Ratio Lower Upper
212 100
106 10.8 9.4 14.2
104 6.8 6.2 9.2

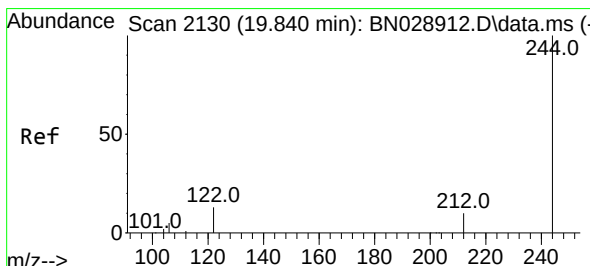
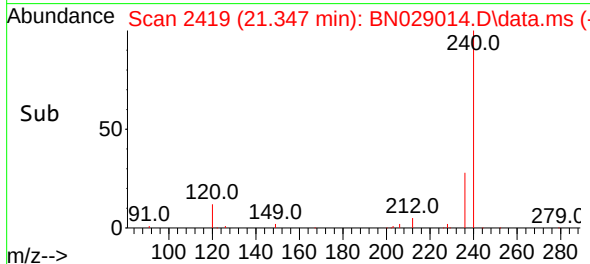
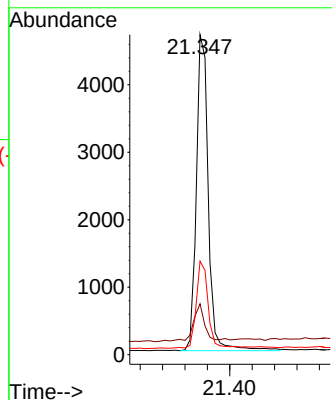
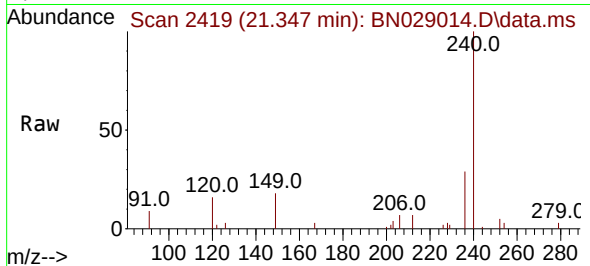




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029014.D
Acq: 03 Dec 2023 10:58

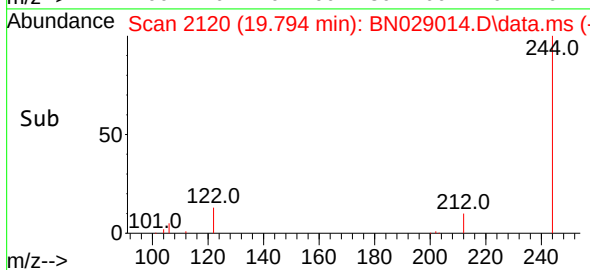
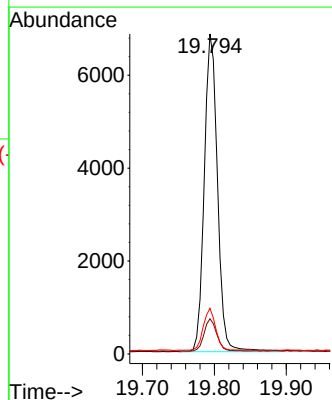
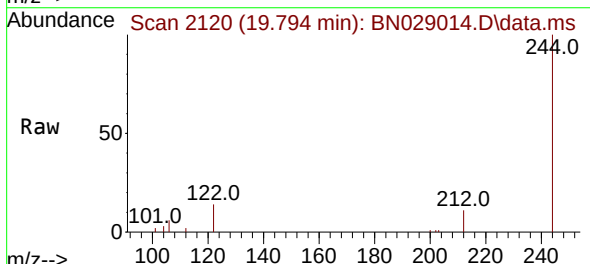
Instrument :
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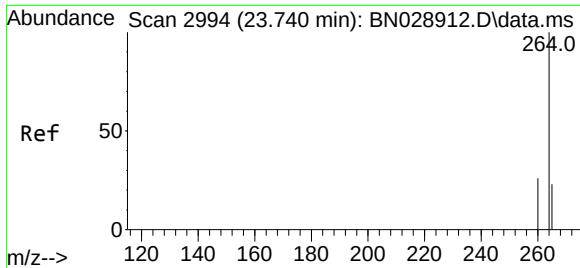
Tgt Ion:240 Resp: 6950
Ion Ratio Lower Upper
240 100
120 15.9 37.1 55.7#
236 29.2 32.4 48.6#



#31
Terphenyl-d14
Concen: 0.425 ng
RT: 19.794 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN029014.D
Acq: 03 Dec 2023 10:58

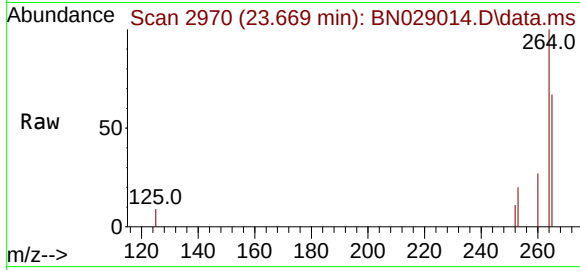
Tgt Ion:244 Resp: 8708
Ion Ratio Lower Upper
244 100
212 11.0 11.5 17.3#
122 14.2 13.2 19.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.669 min Scan# 2994
 Delta R.T. -0.000 min
 Lab File: BN029014.D
 Acq: 03 Dec 2023 10:58

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20231109



Tgt Ion:264 Resp: 6634
 Ion Ratio Lower Upper
 264 100
 260 27.3 20.6 30.8
 265 67.1 464.5 696.7#

