

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034250.D
 Acq On : 26 Sep 2024 18:33
 Operator : RC/JU
 Sample : P4164-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20240919

Quant Time: Sep 26 18:57:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

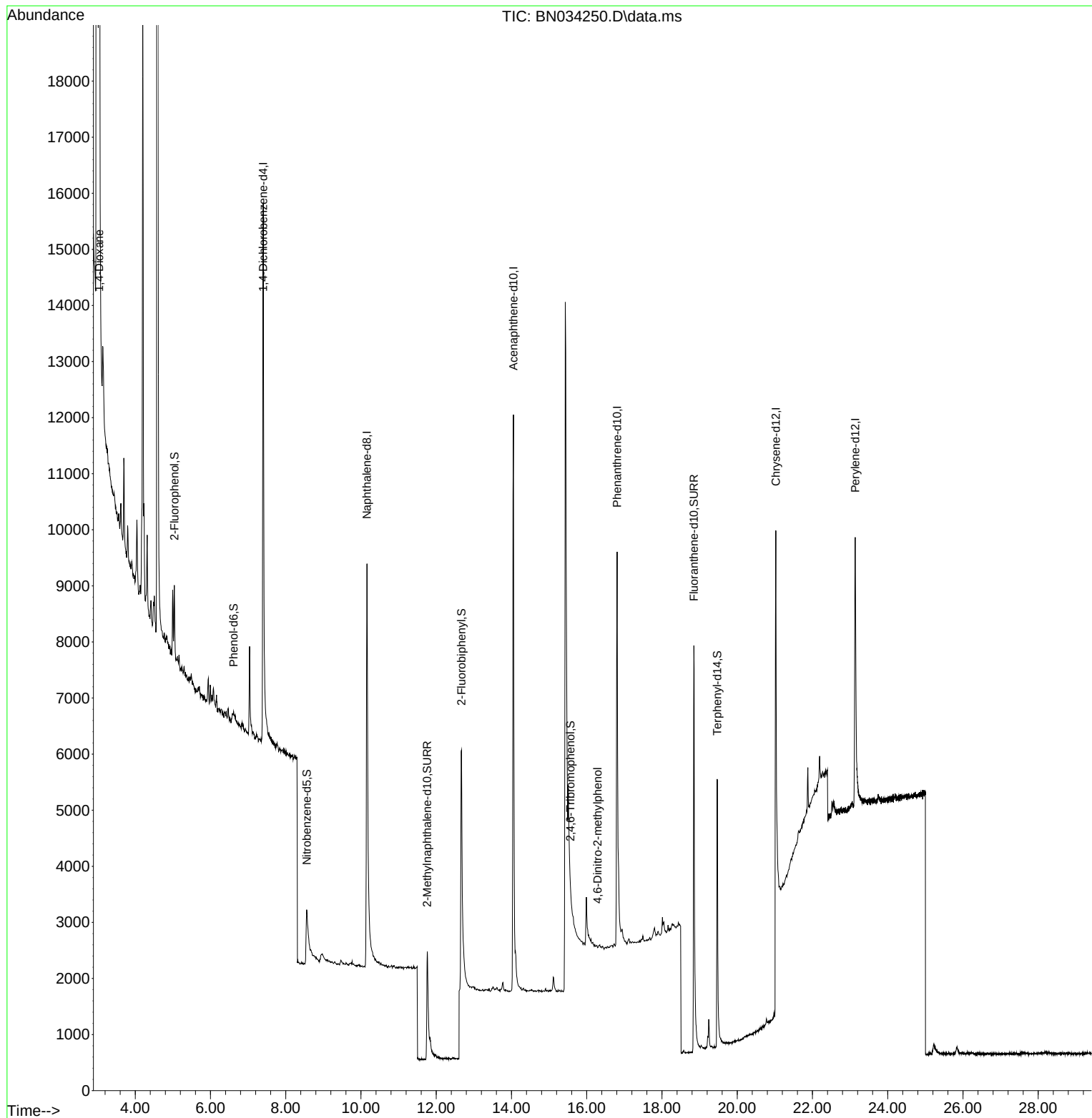
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.401	152	5489	0.400	ng	0.00
7) Naphthalene-d8	10.158	136	14925	0.400	ng	# 0.01
13) Acenaphthene-d10	14.051	164	7773	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	14022	0.400	ng	# 0.00
29) Chrysene-d12	21.026	240	8991	0.400	ng	0.01
35) Perylene-d12	23.136	264	8037	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	1060	0.068	ng	0.00
5) Phenol-d6	6.614	99	416	0.023	ng	0.01
8) Nitrobenzene-d5	8.557	82	1931	0.169	ng	0.02
11) 2-Methylnaphthalene-d10	11.761	152	4660	0.211	ng	0.00
14) 2,4,6-Tribromophenol	15.567	330	85	0.024	ng	0.02
15) 2-Fluorobiphenyl	12.672	172	6924	0.219	ng	0.01
27) Fluoranthene-d10	18.848	212	9858	0.279	ng	0.00
31) Terphenyl-d14	19.470	244	6175	0.344	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.039	88	45659	6.654	ng	91
20) 4,6-Dinitro-2-methylph...	16.287	198	4	0.139	ng	# 1

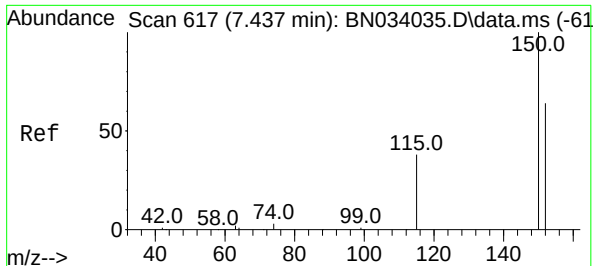
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
Data File : BN034250.D
Acq On : 26 Sep 2024 18:33
Operator : RC/JU
Sample : P4164-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919

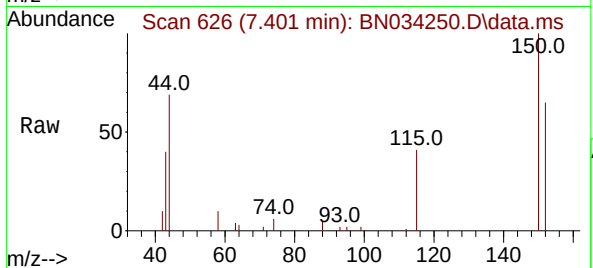
Quant Time: Sep 26 18:57:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration



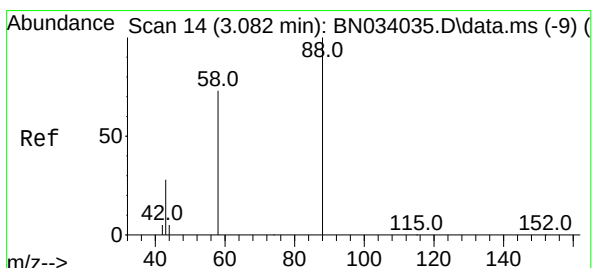
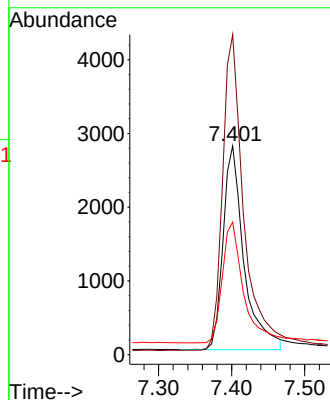
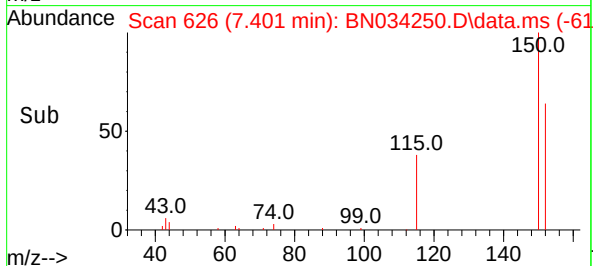


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.401 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

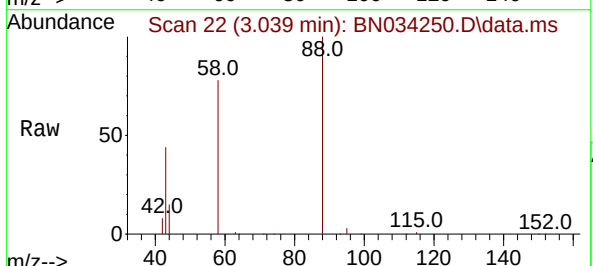
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919



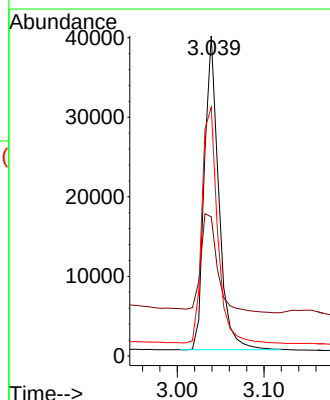
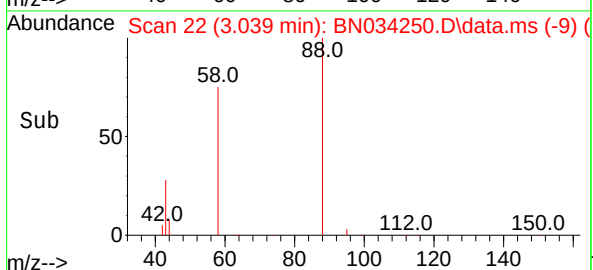
Tgt Ion:152 Resp: 5489
Ion Ratio Lower Upper
152 100
150 153.3 124.6 187.0
115 63.6 50.0 75.0

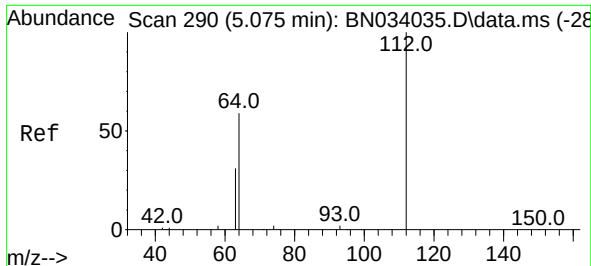


#2
1,4-Dioxane
Concen: 6.654 ng
RT: 3.039 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33



Tgt Ion: 88 Resp: 45659
Ion Ratio Lower Upper
88 100
43 36.9 25.8 38.8
58 81.5 58.8 88.2

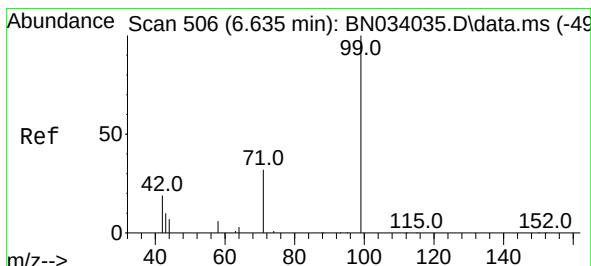
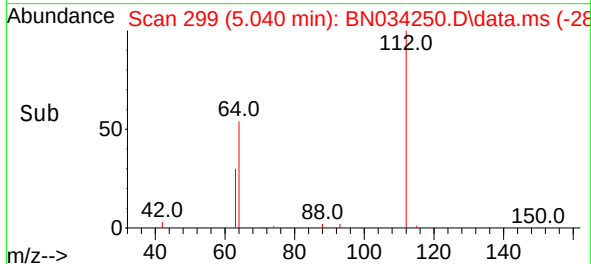
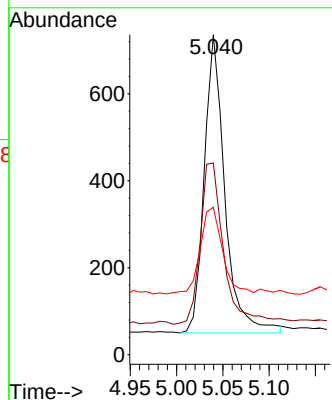
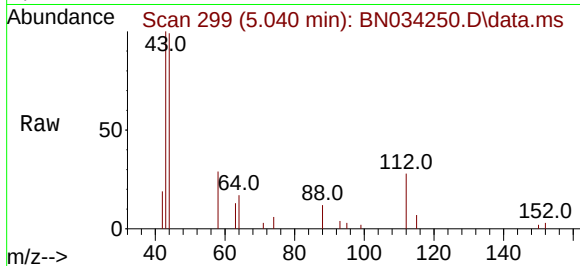




#4
2-Fluorophenol
Concen: 0.068 ng
RT: 5.040 min Scan# 20
Delta R.T. 0.007 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

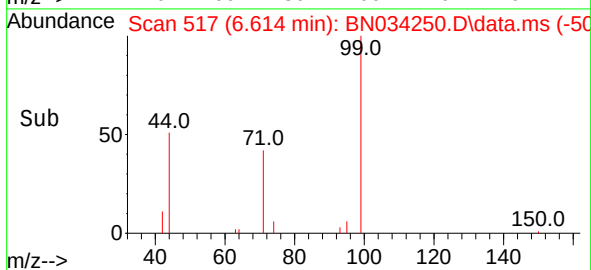
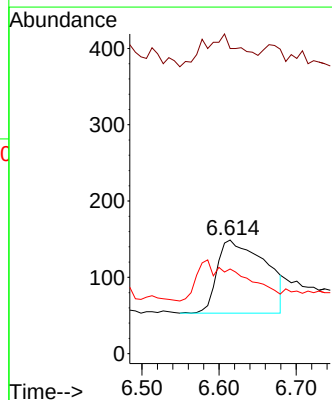
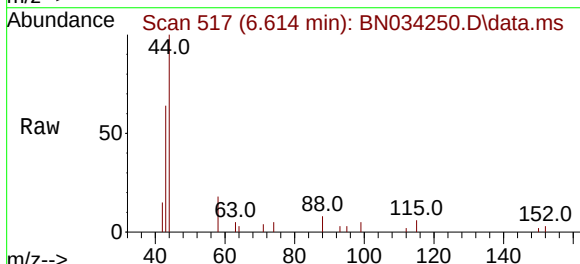
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919

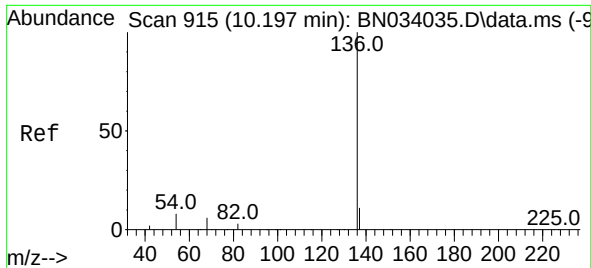
Tgt Ion:112 Resp: 1060
Ion Ratio Lower Upper
112 100
64 61.5 48.6 72.8
63 31.0 25.6 38.4



#5
Phenol-d6
Concen: 0.023 ng
RT: 6.614 min Scan# 517
Delta R.T. 0.014 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

Tgt Ion: 99 Resp: 416
Ion Ratio Lower Upper
99 100
42 33.7 17.8 26.8#
71 0.0 26.2 39.2#

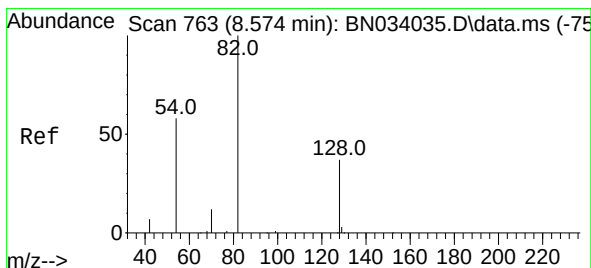
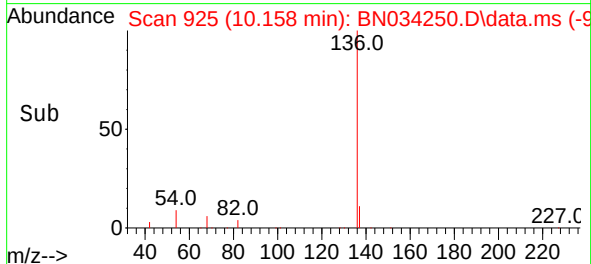
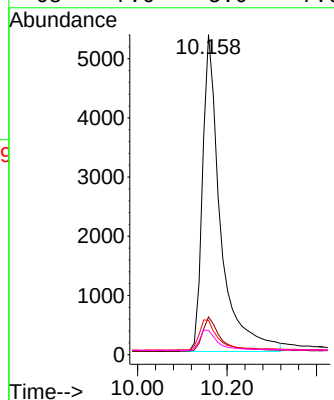
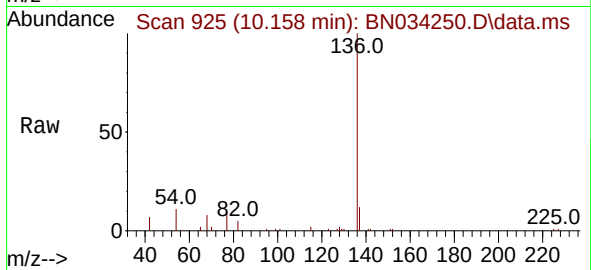




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.158 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

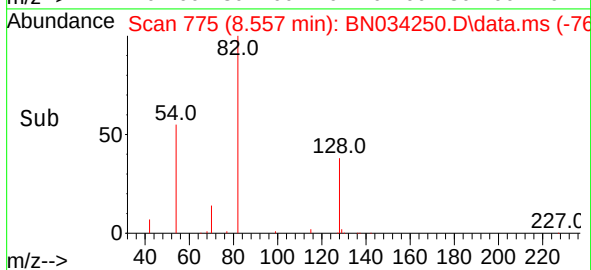
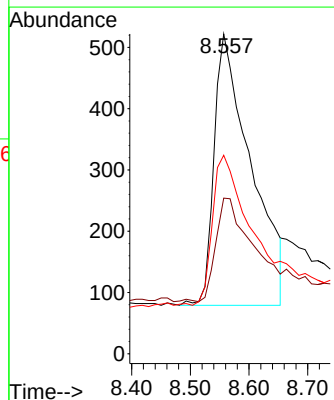
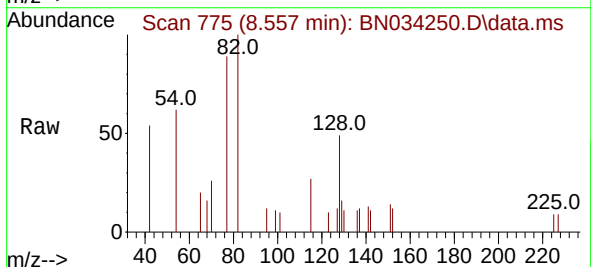
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919

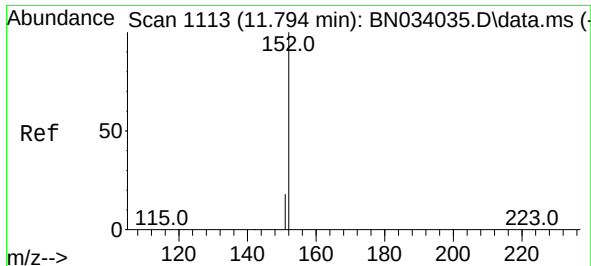
Tgt Ion:136	Resp:	14925
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.0 13.6
54	10.8	6.8 10.2#
68	7.6	5.0 7.6#



#8
Nitrobenzene-d5
Concen: 0.169 ng
RT: 8.557 min Scan# 775
Delta R.T. 0.021 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

Tgt Ion: 82	Resp:	1931
Ion Ratio	Lower	Upper
82	100	
128	48.7	31.4 47.2#
54	62.1	47.4 71.0

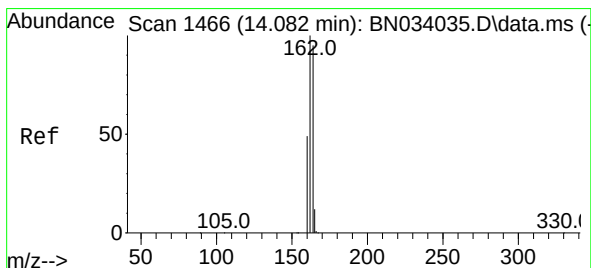
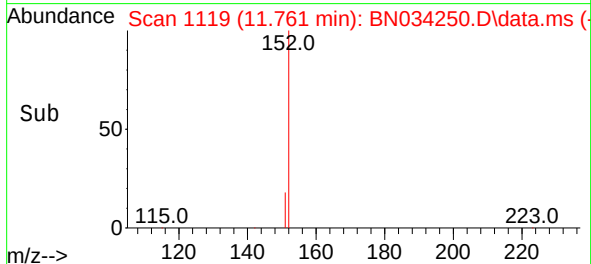
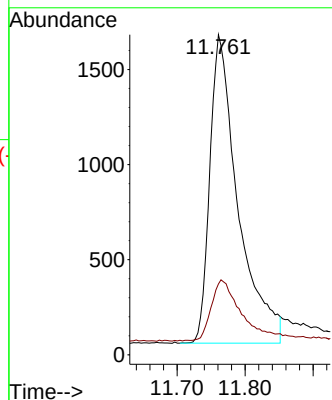
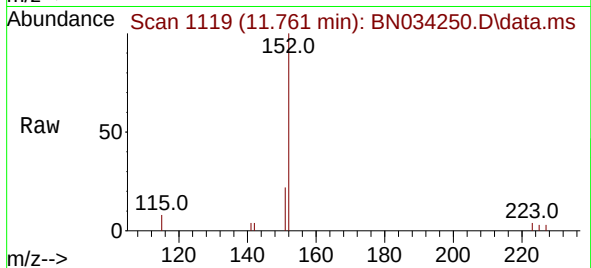




#11
2-Methylnaphthalene-d10
Concen: 0.211 ng
RT: 11.761 min Scan# 1119
Delta R.T. 0.007 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

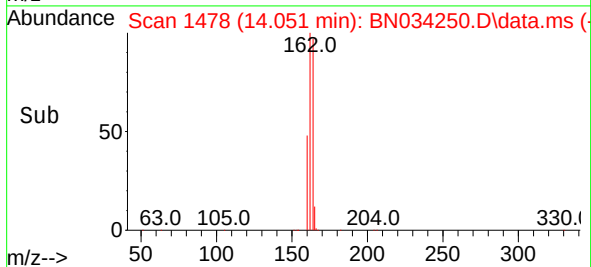
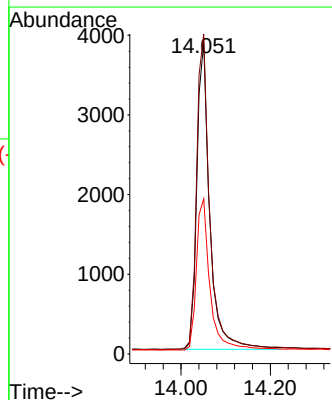
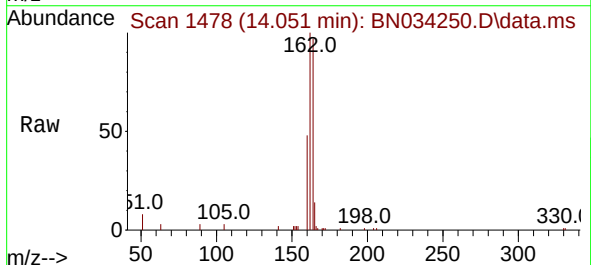
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919

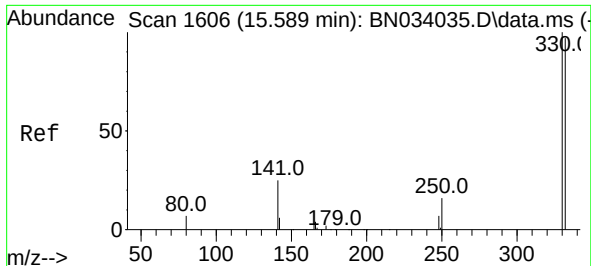
Tgt Ion:152 Resp: 4660
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.051 min Scan# 1478
Delta R.T. 0.004 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

Tgt Ion:164 Resp: 7773
Ion Ratio Lower Upper
164 100
162 102.8 84.2 126.2
160 49.8 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.024 ng

RT: 15.567 min Scan# 1

Delta R.T. 0.018 min

Lab File: BN034250.D

Acq: 26 Sep 2024 18:33

Instrument :

BNA_N

ClientSampleId :

RE134D3-20240919

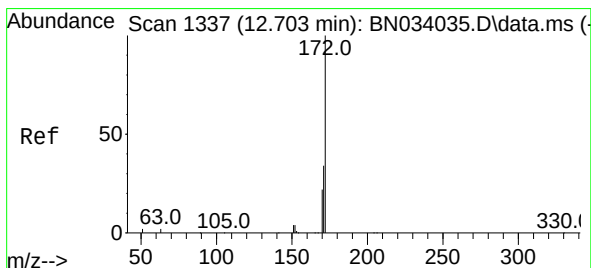
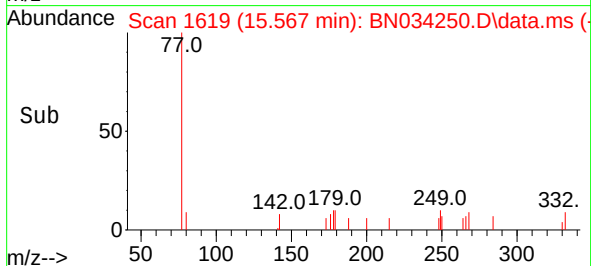
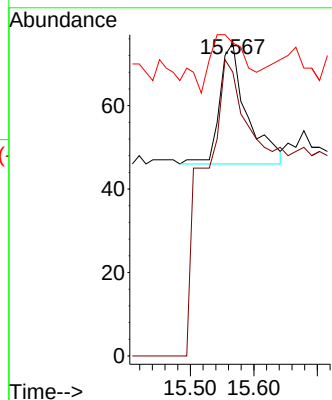
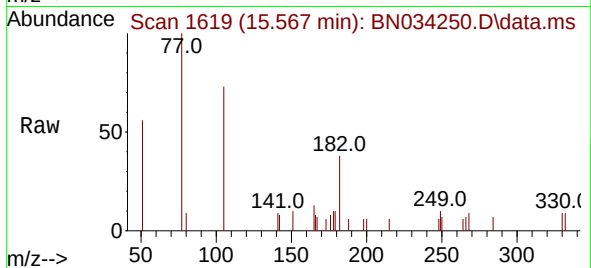
Tgt Ion:330 Resp: 85

Ion Ratio Lower Upper

330 100

332 590.6 77.4 116.0#

141 0.0 35.9 53.9#



#15

2-Fluorobiphenyl

Concen: 0.219 ng

RT: 12.672 min Scan# 1349

Delta R.T. 0.014 min

Lab File: BN034250.D

Acq: 26 Sep 2024 18:33

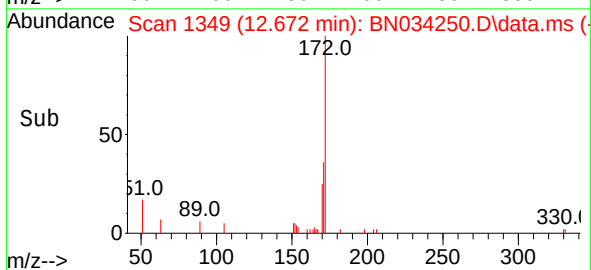
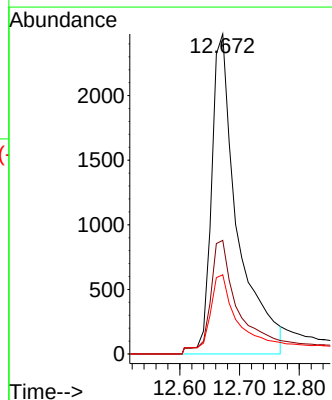
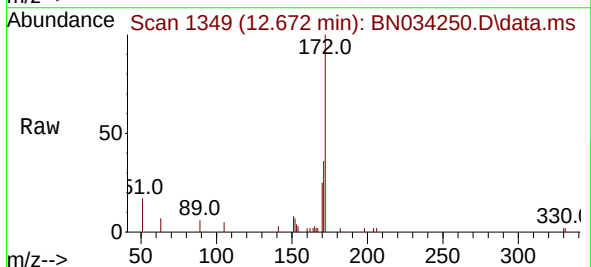
Tgt Ion:172 Resp: 6924

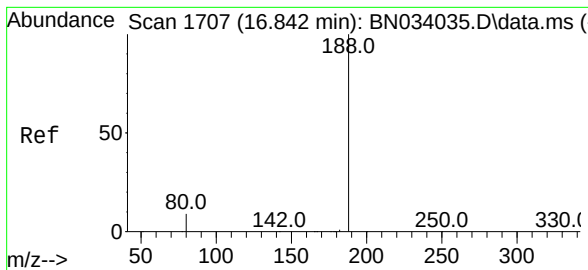
Ion Ratio Lower Upper

172 100

171 35.5 27.3 40.9

170 24.7 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.808 min Scan# 1

Delta R.T. 0.005 min

Lab File: BN034250.D

Acq: 26 Sep 2024 18:33

Instrument :

BNA_N

ClientSampleId :

RE134D3-20240919

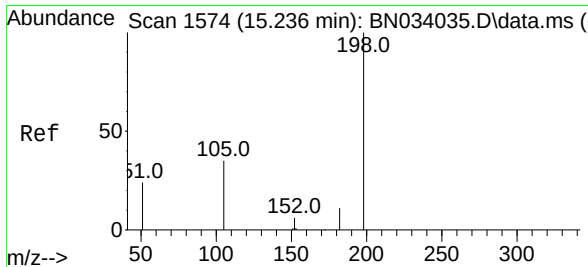
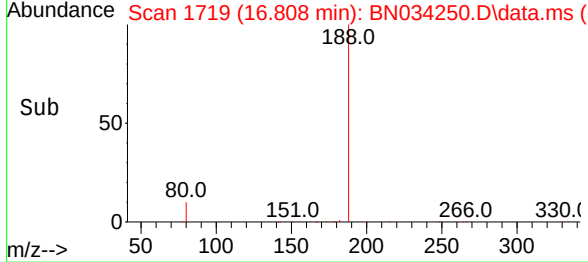
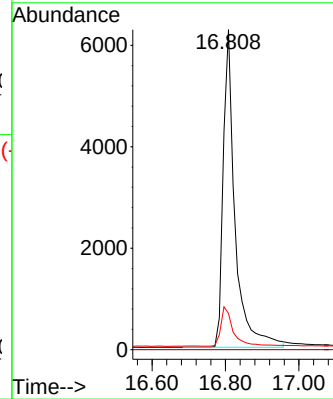
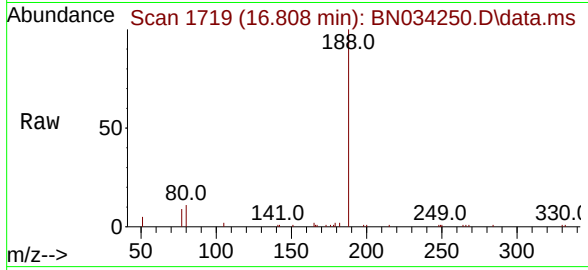
Tgt Ion:188 Resp: 14022

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 16.287 min Scan# 1677

Delta R.T. -0.019 min

Lab File: BN034250.D

Acq: 26 Sep 2024 18:33

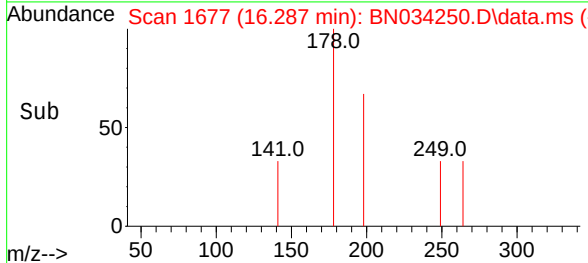
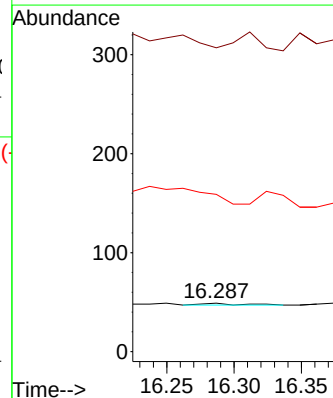
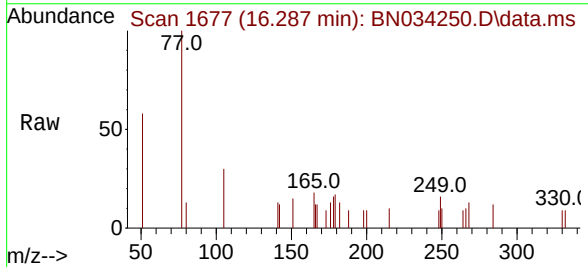
Tgt Ion:198 Resp: 4

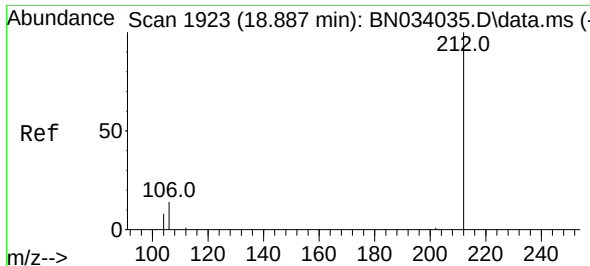
Ion Ratio Lower Upper

198 100

51 626.5 106.4 159.6#

105 324.5 38.5 57.7#

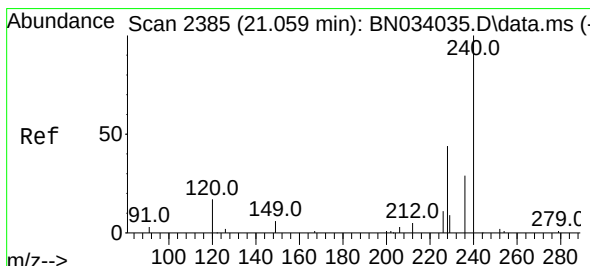
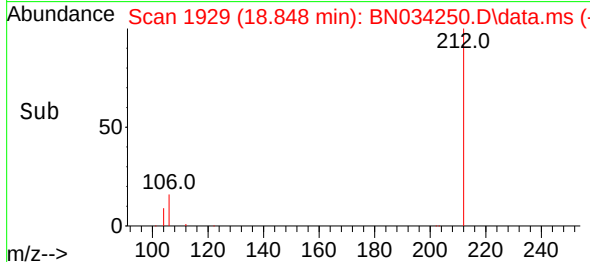
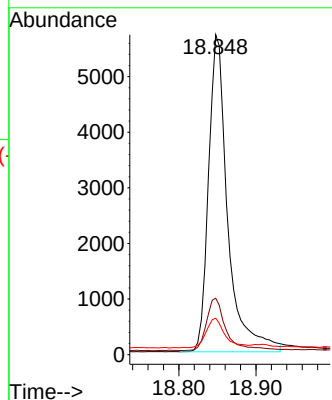
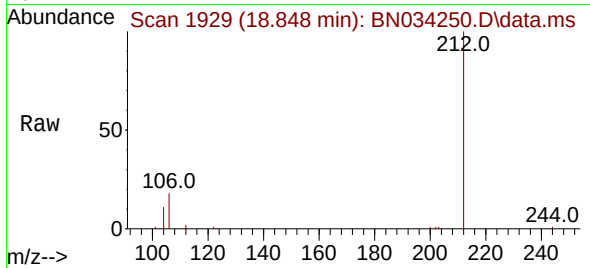




#27
Fluoranthene-d10
Concen: 0.279 ng
RT: 18.848 min Scan# 1929
Delta R.T. 0.002 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

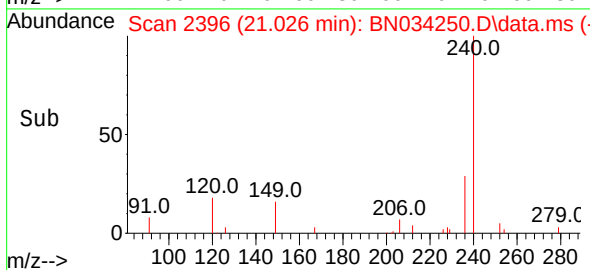
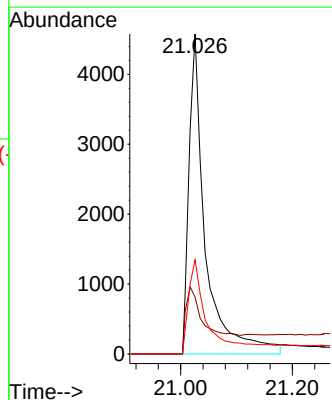
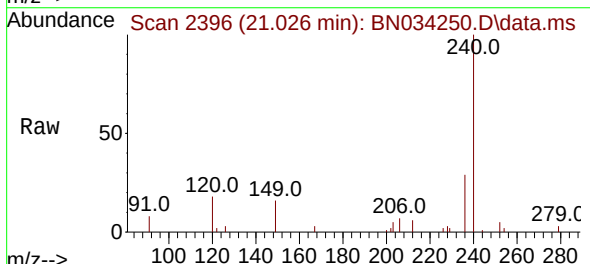
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919

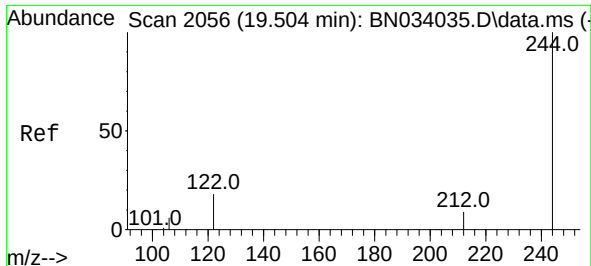
Tgt Ion	Ratio	Lower	Upper
212	100		
106	16.7	13.4	20.2
104	9.3	7.8	11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.026 min Scan# 2396
Delta R.T. 0.011 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.7	13.5	20.3
236	29.5	23.4	35.0

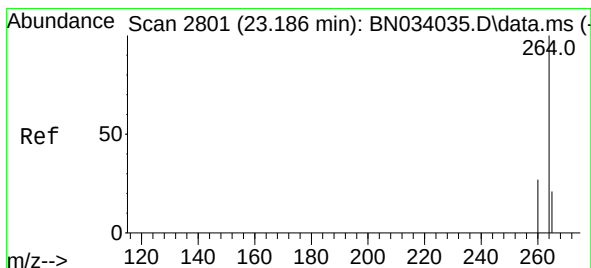
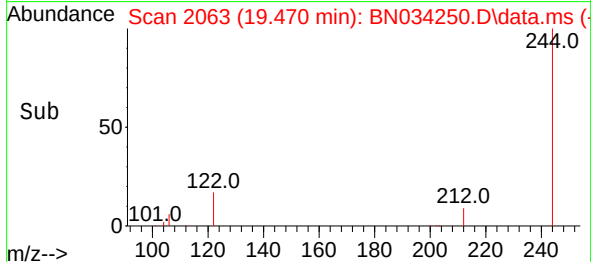
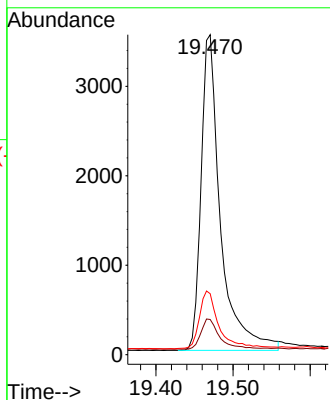
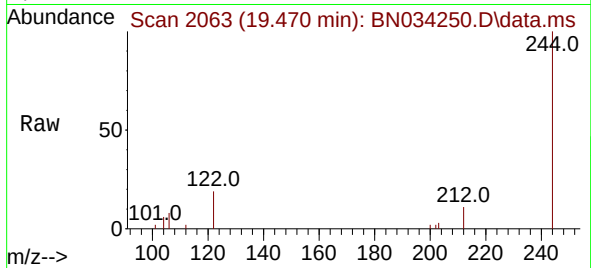




#31
Terphenyl-d14
Concen: 0.344 ng
RT: 19.470 min Scan# 2056
Delta R.T. 0.002 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919

Tgt Ion:244 Resp: 6175
Ion Ratio Lower Upper
244 100
212 11.0 7.8 11.6
122 19.0 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.136 min Scan# 2800
Delta R.T. 0.008 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

Tgt Ion:264 Resp: 8037
Ion Ratio Lower Upper
264 100
260 26.5 21.7 32.5
265 112.8 52.1 78.1#

