

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)

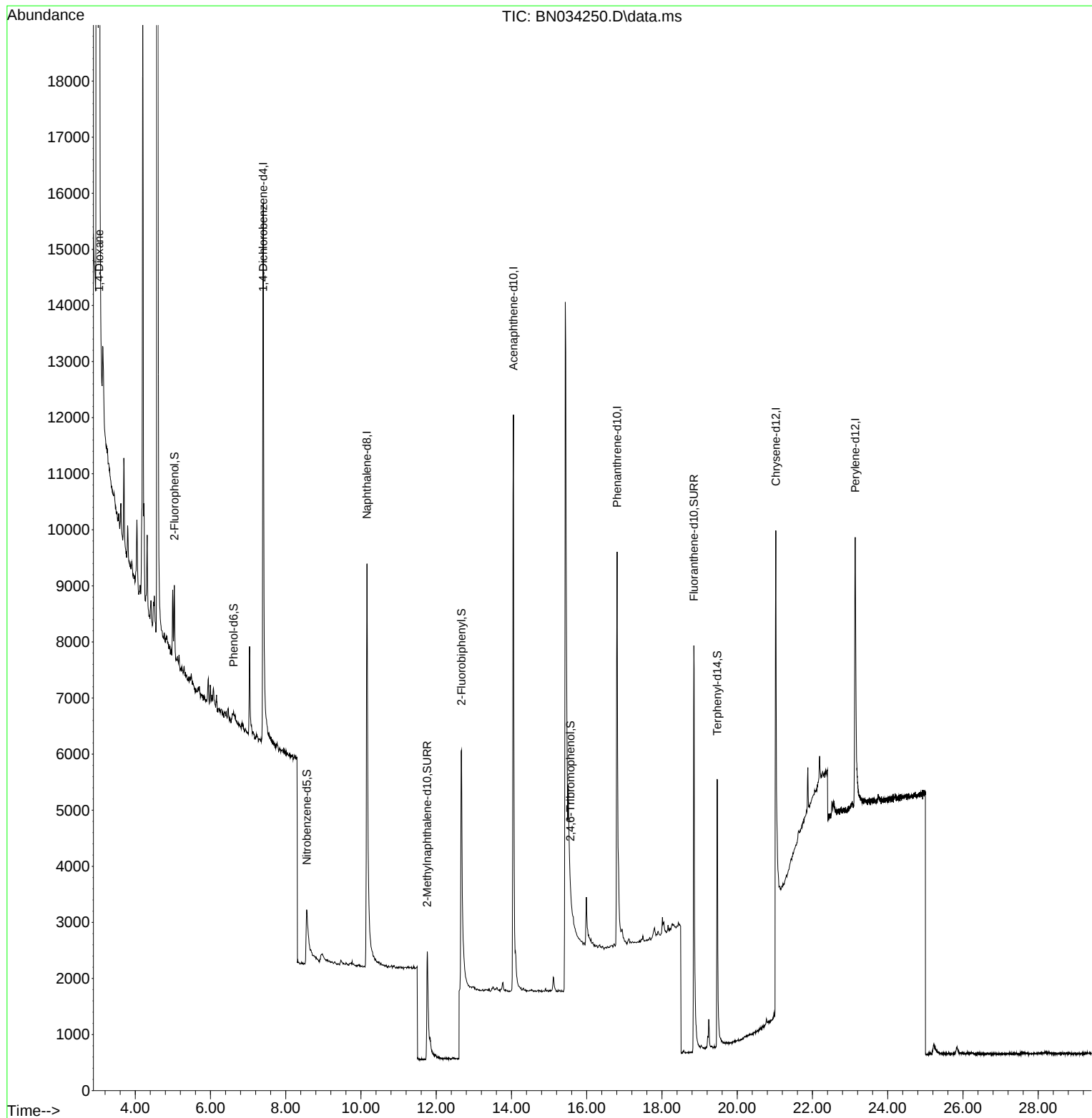
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.401	152	5489	0.400	ng	0.00
7) Naphthalene-d8	10.158	136	14925	0.400	ng	# 0.01
13) Acenaphthene-d10	14.051	164	7773	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	14022	0.400	ng	# 0.00
29) Chrysene-d12	21.026	240	8991	0.400	ng	0.01
35) Perylene-d12	23.136	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						
2) 1,4-Dioxane	3.039	88	45659	6.654	ng	Qvalue 91

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

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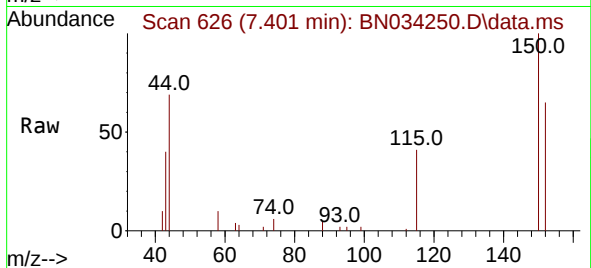
Quant Time: Sep 26 18:57:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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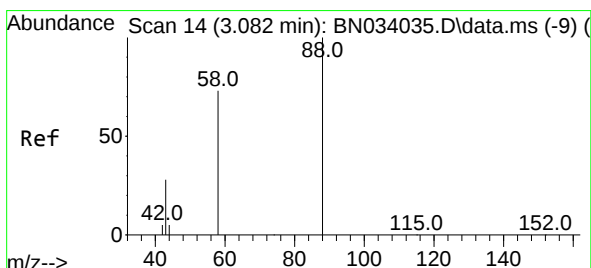
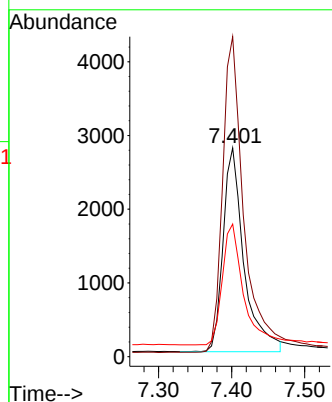
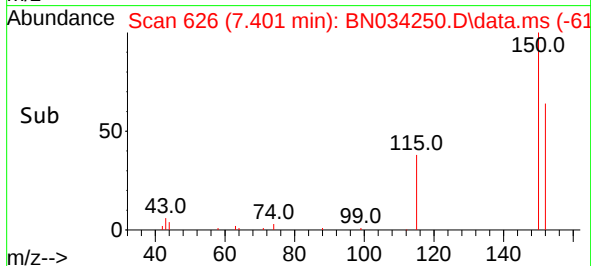


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.401 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

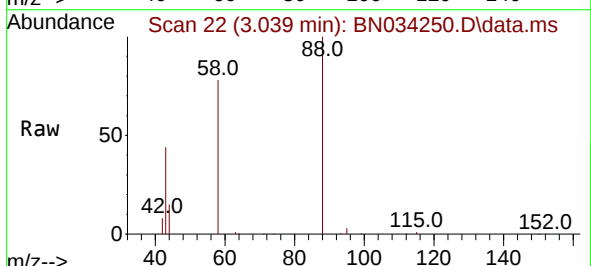
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919



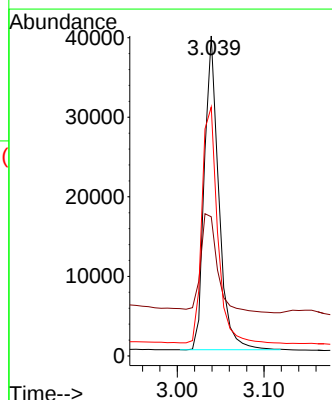
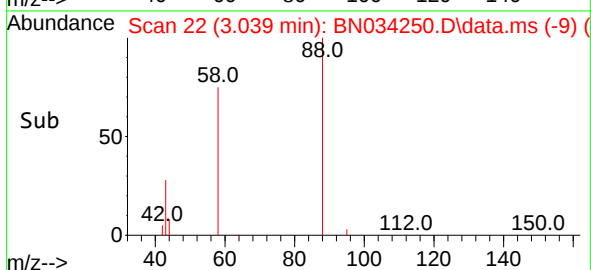
Tgt Ion:152 Resp: 5489
Ion Ratio Lower Upper
152 100
150 153.3 124.6 187.0
115 63.6 50.0 75.0



#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

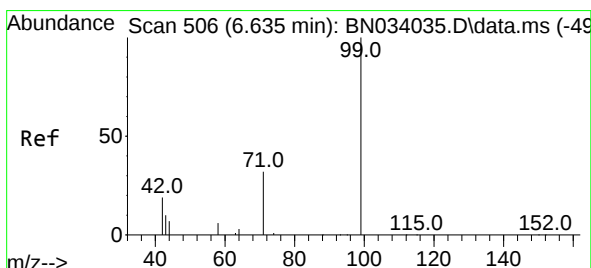
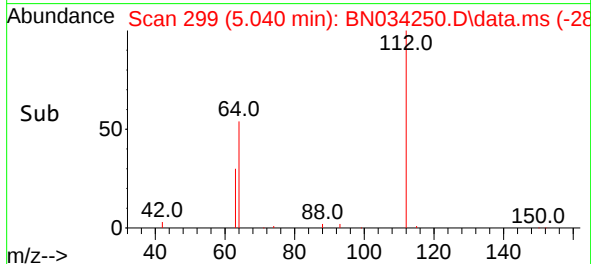
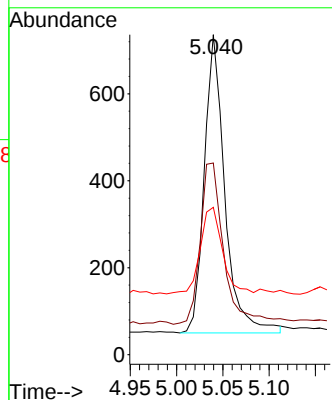
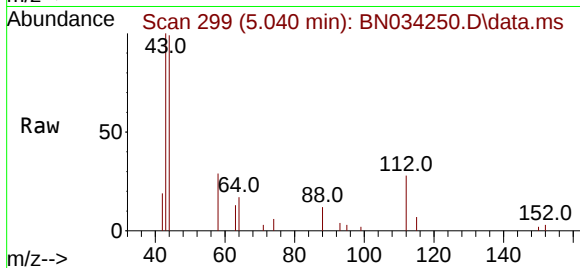




#4
2-Fluorophenol
Concen: 0.068 ng
RT: 5.040 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

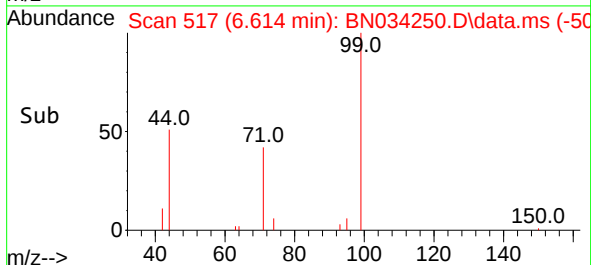
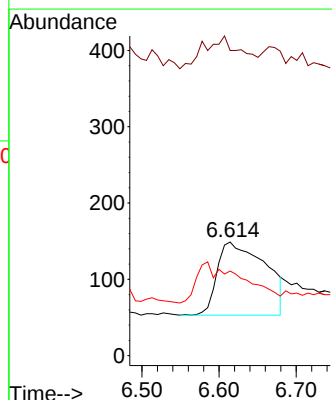
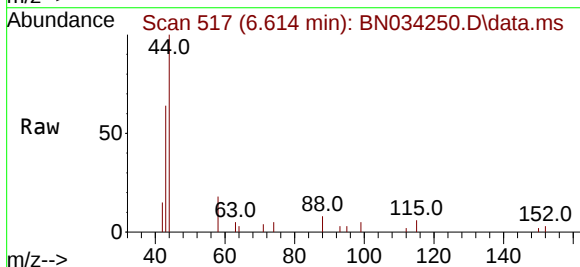
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919

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#

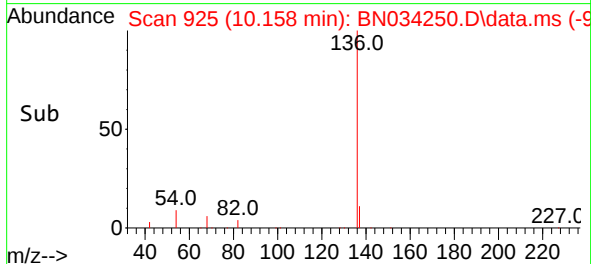
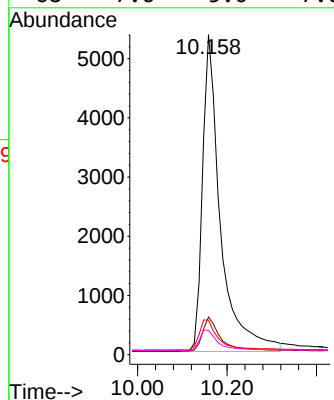
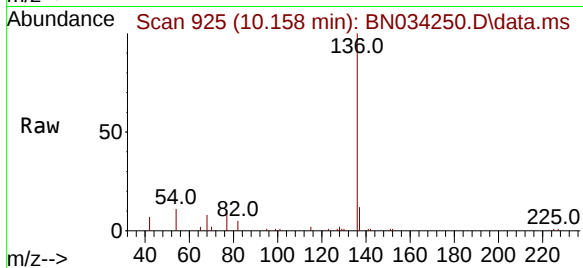




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.158 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

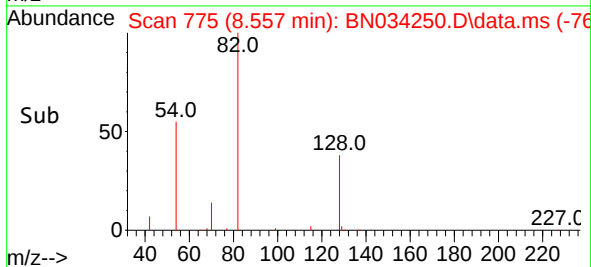
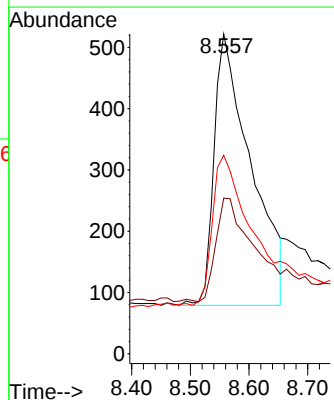
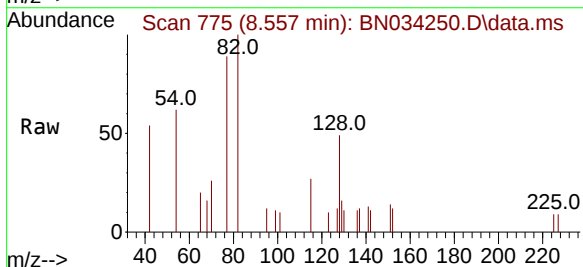
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919

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 :

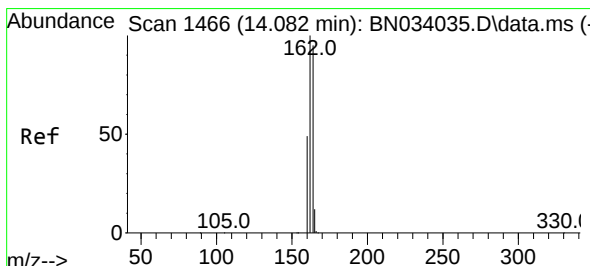
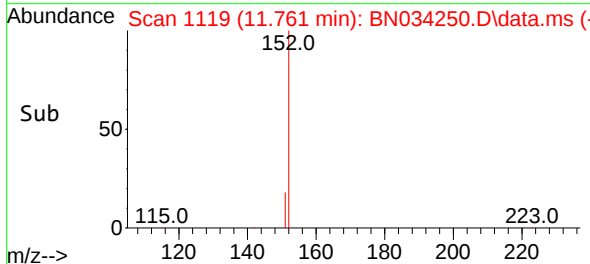
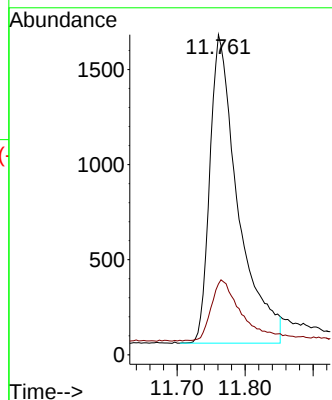
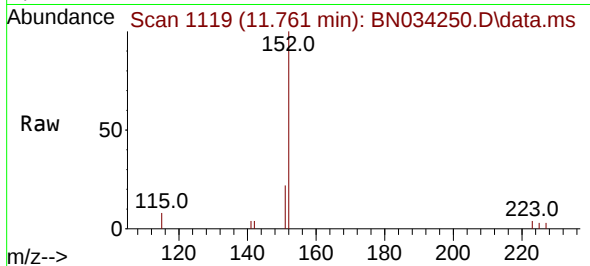
RE134D3-20240919

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

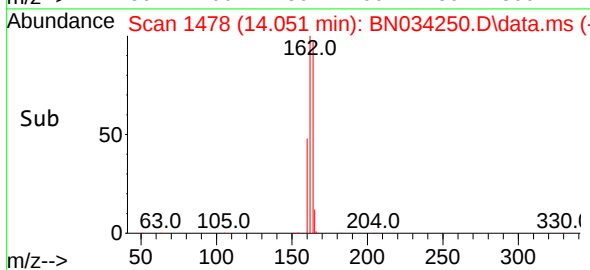
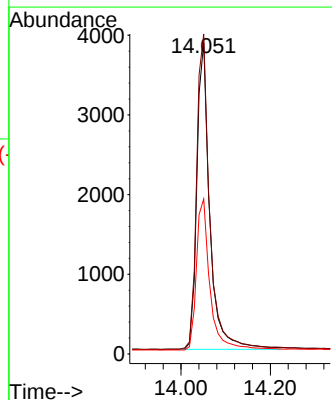
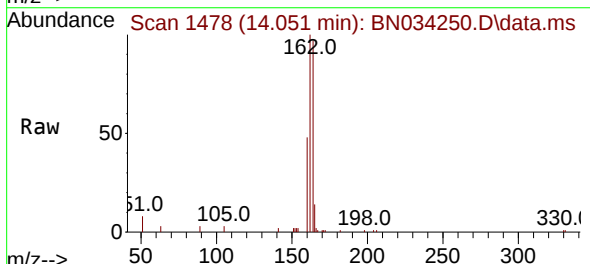
Tgt Ion:164 Resp: 7773

Ion Ratio Lower Upper

164 100

162 102.8 84.2 126.2

160 49.8 41.7 62.5

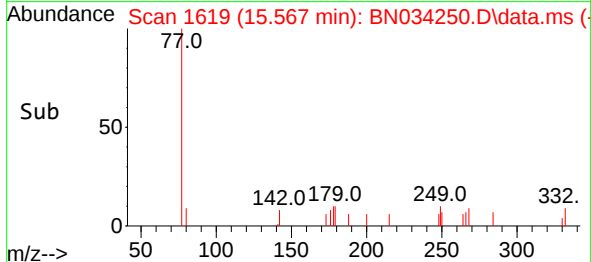
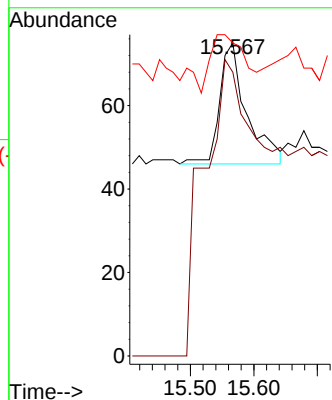
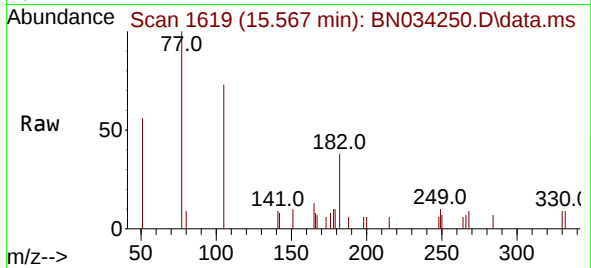




#14
2,4,6-Tribromophenol
Concen: 0.024 ng
RT: 15.567 min Scan# 11
Delta R.T. 0.018 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

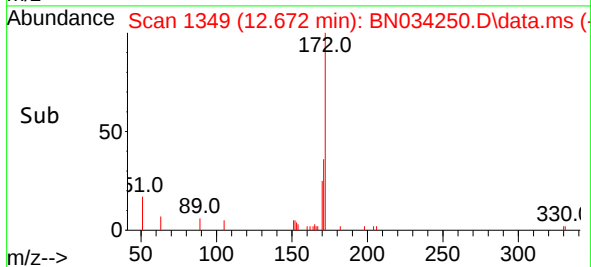
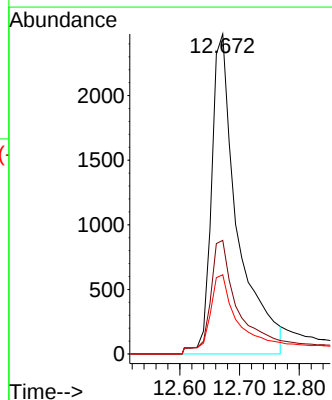
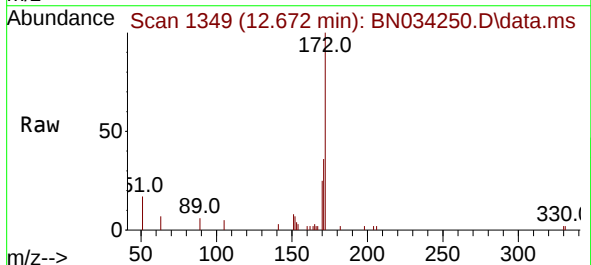
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919

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

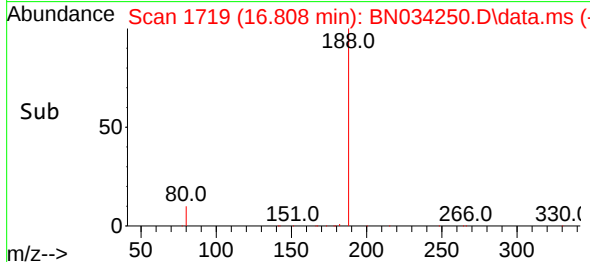
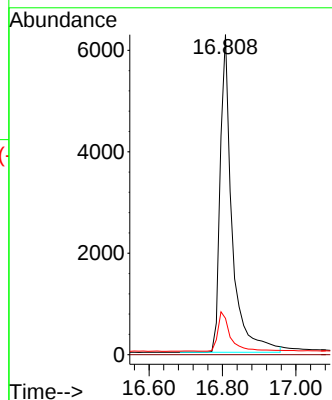
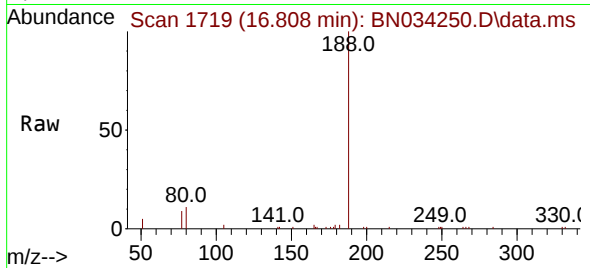




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.808 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN034250.D
Acq: 26 Sep 2024 18:33

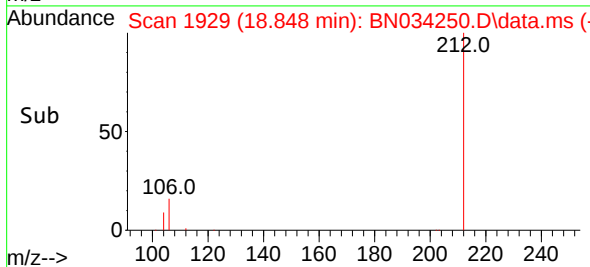
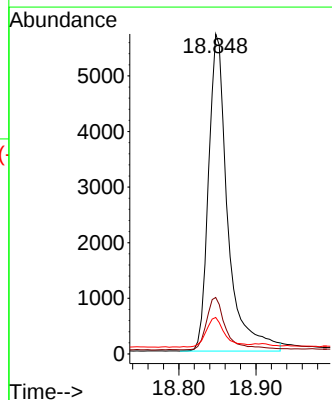
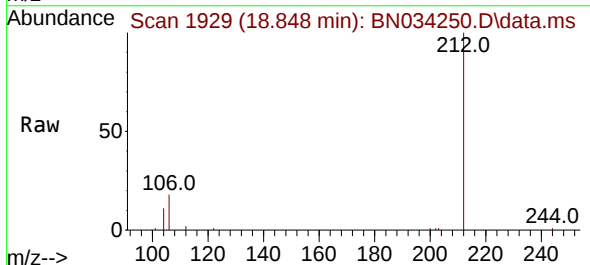
Instrument :
BNA_N
ClientSampleId :
RE134D3-20240919

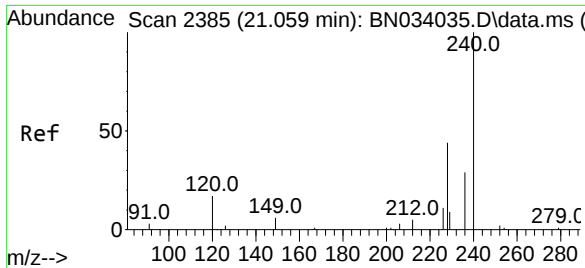
Tgt Ion:188 Resp: 14022
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 7.4 11.0#



#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

Tgt Ion:212 Resp: 9858
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# 21

Delta R.T. 0.011 min

Lab File: BN034250.D

Acq: 26 Sep 2024 18:33

Instrument :

BNA_N

ClientSampleId :

RE134D3-20240919

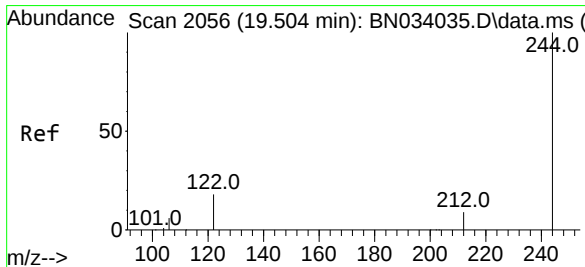
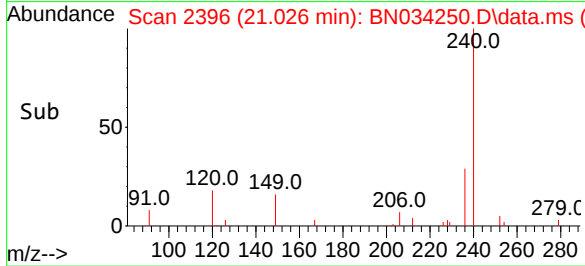
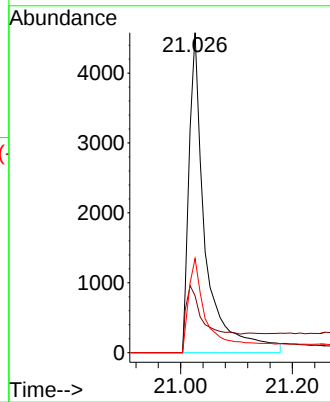
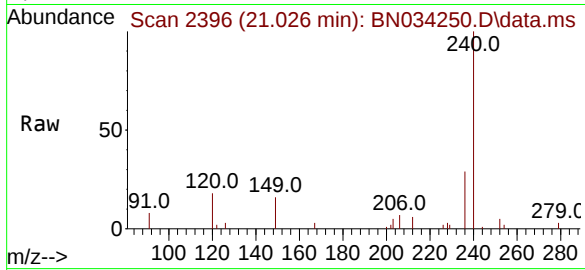
Tgt Ion:240 Resp: 8991

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# 2063

Delta R.T. 0.002 min

Lab File: BN034250.D

Acq: 26 Sep 2024 18:33

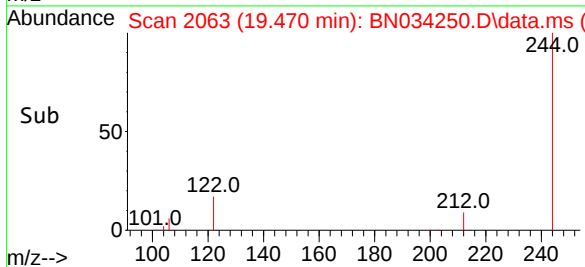
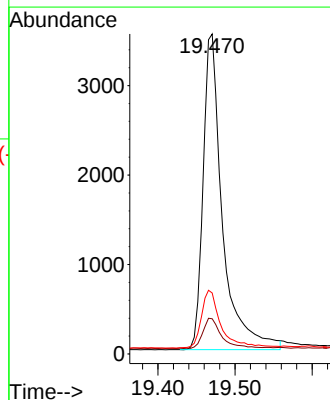
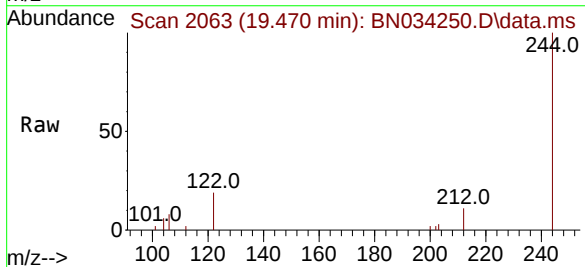
Tgt Ion:244 Resp: 6175

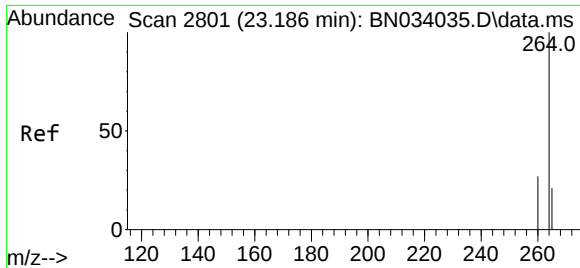
Ion Ratio Lower Upper

244 100

212 11.0 7.8 11.6

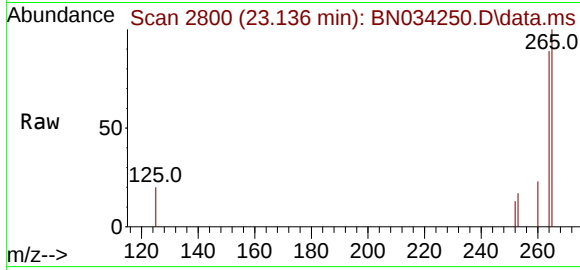
122 19.0 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.136 min Scan# 21
 Delta R.T. 0.008 min
 Lab File: BN034250.D
 Acq: 26 Sep 2024 18:33

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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#

