

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034251.D
 Acq On : 26 Sep 2024 19:09
 Operator : RC/JU
 Sample : P4164-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20240919

Quant Time: Sep 27 01:01:42 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)

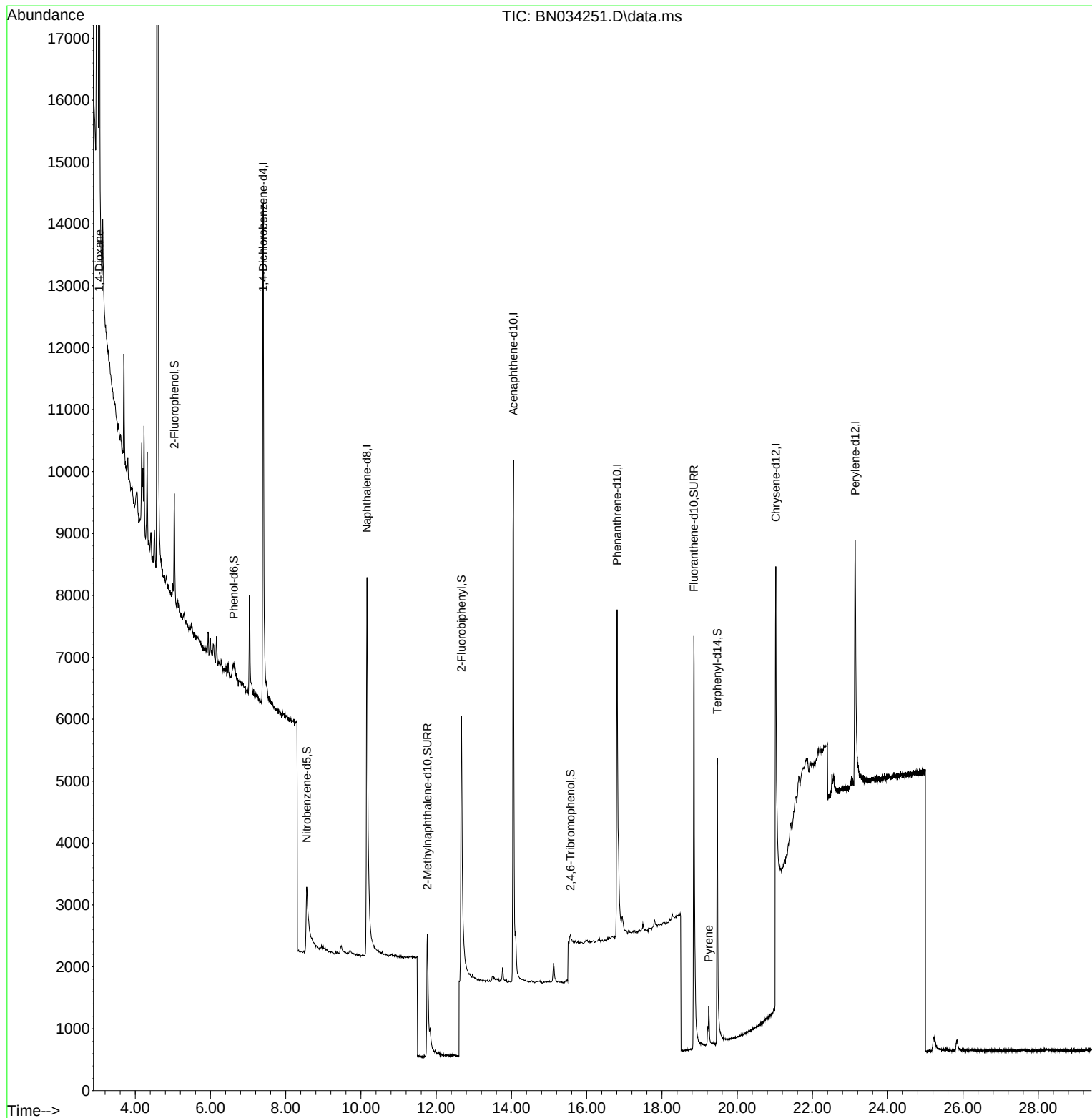
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.402	152	4871	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	12972	0.400	ng	# 0.01
13) Acenaphthene-d10	14.051	164	6441	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	11131	0.400	ng	# 0.00
29) Chrysene-d12	21.026	240	7583	0.400	ng	0.01
35) Perylene-d12	23.133	264	6875	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	1405	0.102	ng	0.00
5) Phenol-d6	6.622	99	561	0.035	ng	0.02
8) Nitrobenzene-d5	8.557	82	2061	0.208	ng	0.02
11) 2-Methylnaphthalene-d10	11.765	152	4888	0.255	ng	0.01
14) 2,4,6-Tribromophenol	15.567	330	172	0.059	ng	0.02
15) 2-Fluorobiphenyl	12.672	172	7016	0.268	ng	0.01
27) Fluoranthene-d10	18.848	212	9881	0.352	ng	0.00
31) Terphenyl-d14	19.470	244	6131	0.405	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.039	88	12414	2.039	ng	# 80
30) Pyrene	19.243	202	680	0.021	ng	96

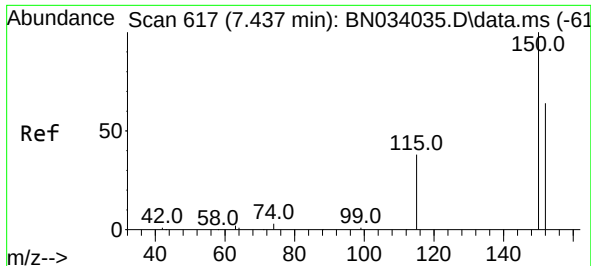
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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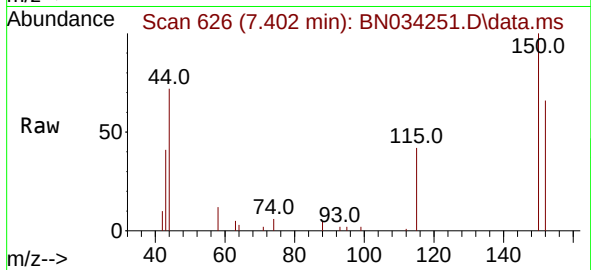
Quant Time: Sep 27 01:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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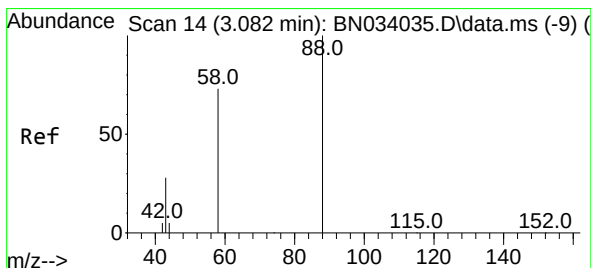
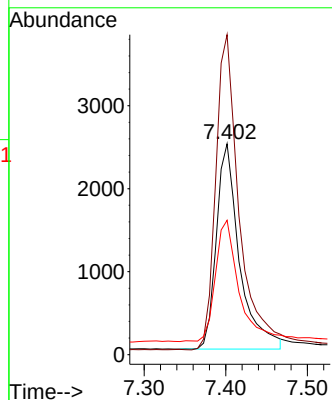
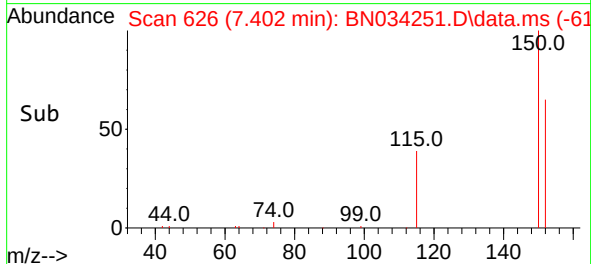


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.402 min Scan# 61
Delta R.T. 0.008 min
Lab File: BN034251.D
Acq: 26 Sep 2024 19:09

Instrument :
BNA_N
ClientSampleId :
RE134D4-20240919

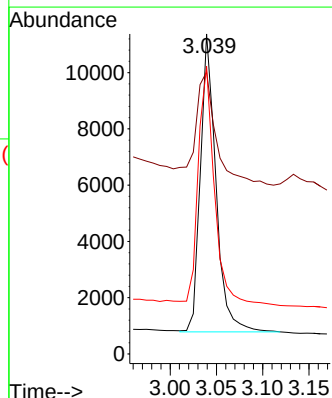
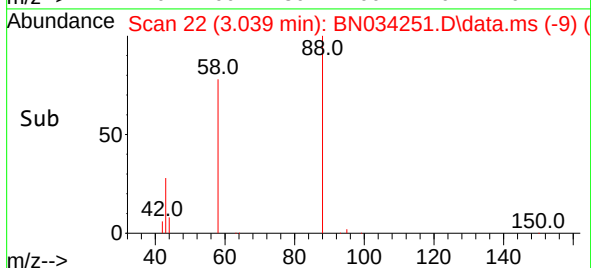
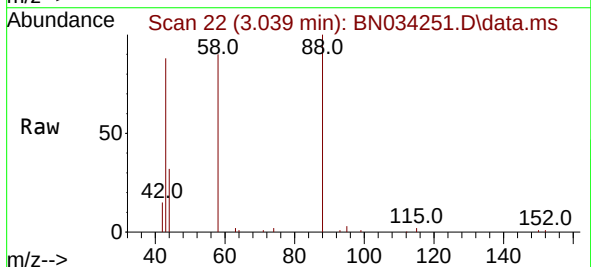


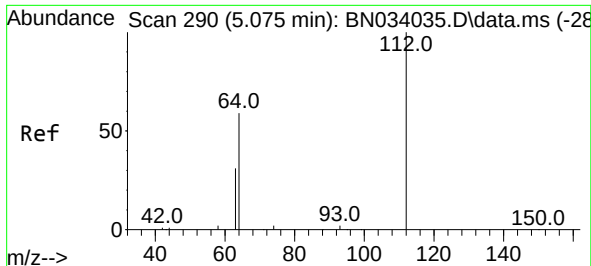
Tgt Ion:152 Resp: 4871
Ion Ratio Lower Upper
152 100
150 151.7 124.6 187.0
115 63.7 50.0 75.0



#2
1,4-Dioxane
Concen: 2.039 ng
RT: 3.039 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN034251.D
Acq: 26 Sep 2024 19:09

Tgt Ion: 88 Resp: 12414
Ion Ratio Lower Upper
88 100
43 52.2 25.8 38.8#
58 84.8 58.8 88.2

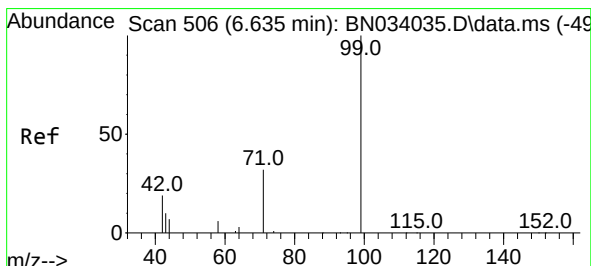
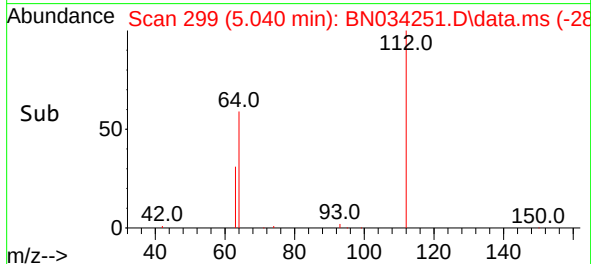
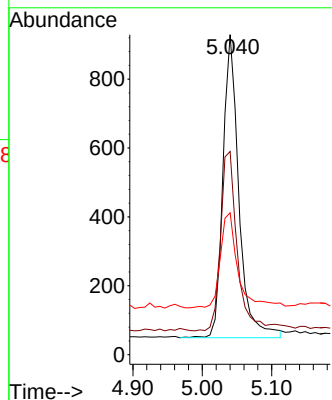
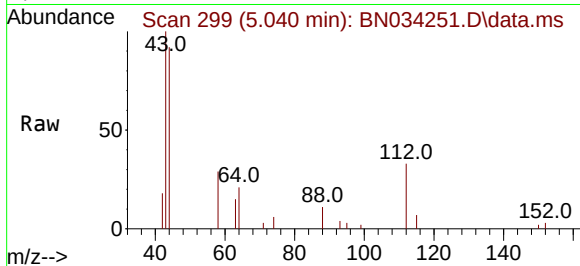




#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.040 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034251.D
Acq: 26 Sep 2024 19:09

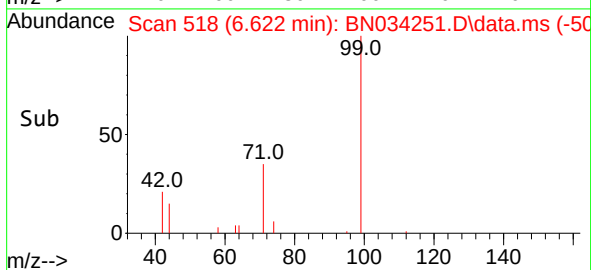
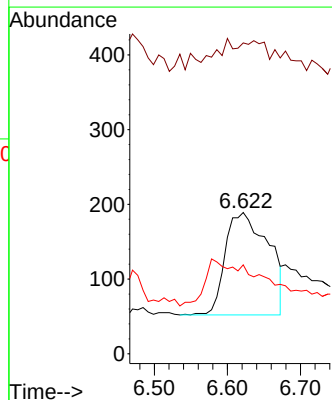
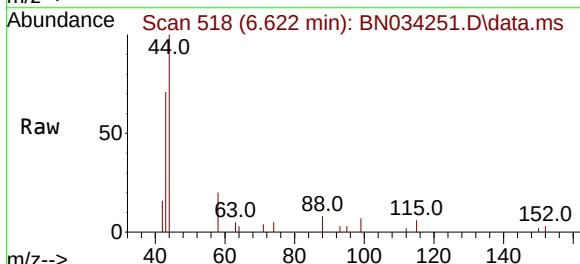
Instrument :
BNA_N
ClientSampleId :
RE134D4-20240919

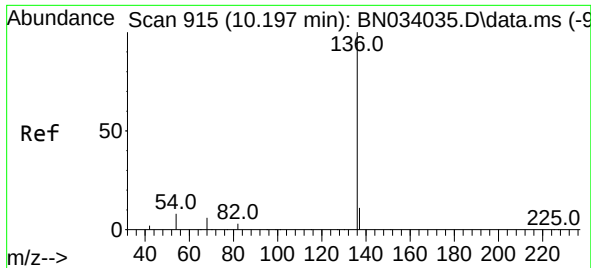
Tgt Ion:112 Resp: 1405
Ion Ratio Lower Upper
112 100
64 61.8 48.6 72.8
63 34.0 25.6 38.4



#5
Phenol-d6
Concen: 0.035 ng
RT: 6.622 min Scan# 518
Delta R.T. 0.022 min
Lab File: BN034251.D
Acq: 26 Sep 2024 19:09

Tgt Ion: 99 Resp: 561
Ion Ratio Lower Upper
99 100
42 10.7 17.8 26.8#
71 0.0 26.2 39.2#

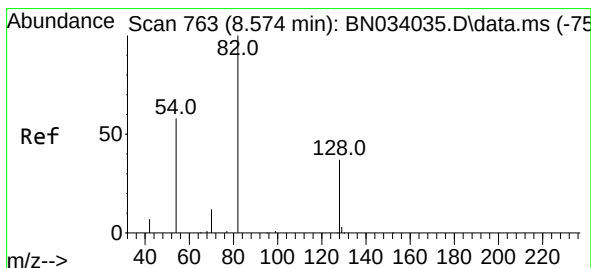
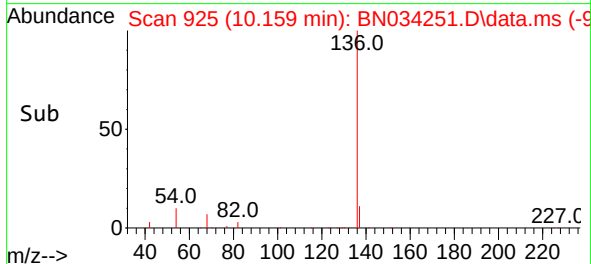
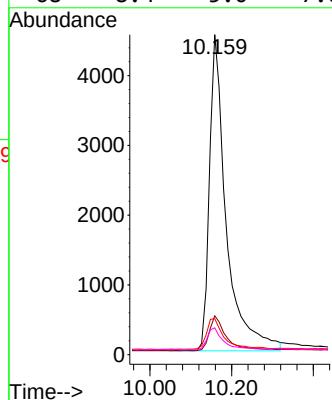
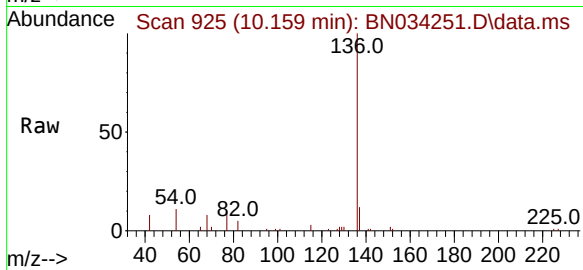




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.159 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034251.D
Acq: 26 Sep 2024 19:09

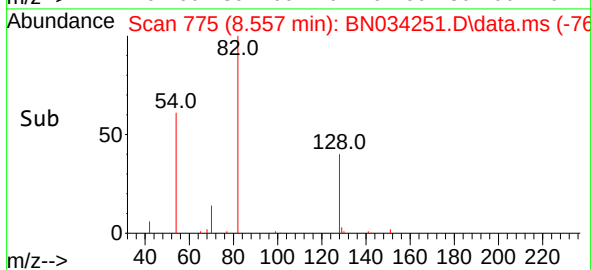
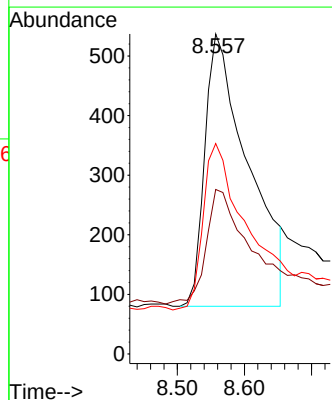
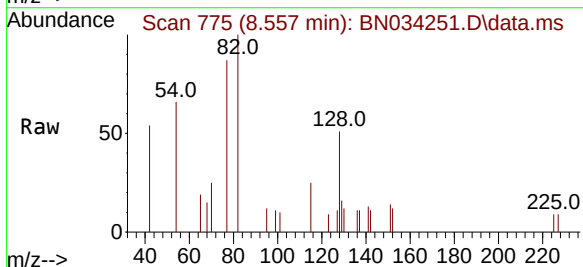
Instrument :
BNA_N
ClientSampleId :
RE134D4-20240919

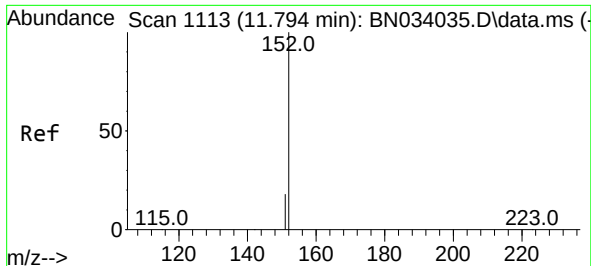
Tgt Ion:	136	Resp:	12972
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.0	13.6
54	11.2	6.8	10.2#
68	8.4	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.208 ng
RT: 8.557 min Scan# 775
Delta R.T. 0.021 min
Lab File: BN034251.D
Acq: 26 Sep 2024 19:09

Tgt Ion:	82	Resp:	2061
Ion Ratio	Lower	Upper	
82	100		
128	51.4	31.4	47.2#
54	65.7	47.4	71.0

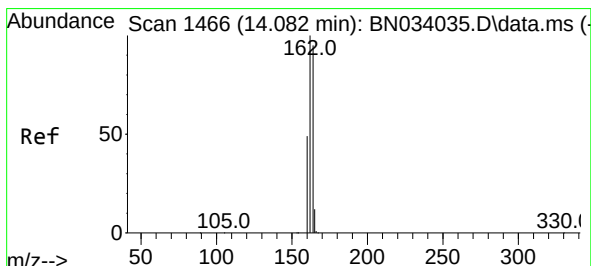
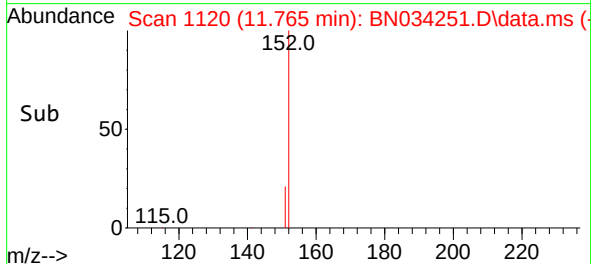
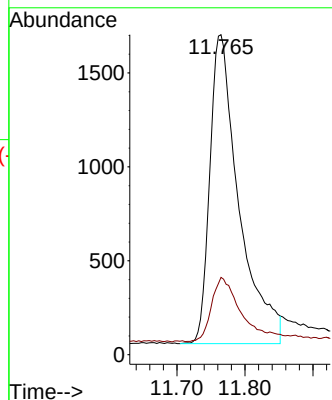
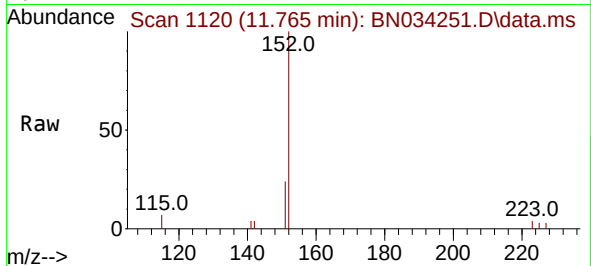




#11
2-Methylnaphthalene-d10
Concen: 0.255 ng
RT: 11.765 min Scan# 1113
Delta R.T. 0.011 min
Lab File: BN034251.D
Acq: 26 Sep 2024 19:09

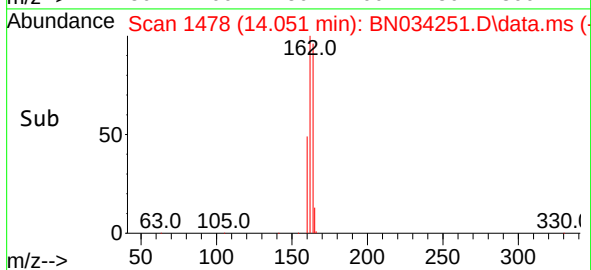
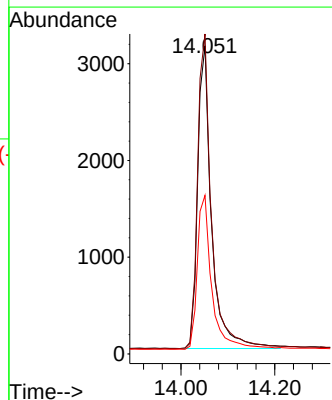
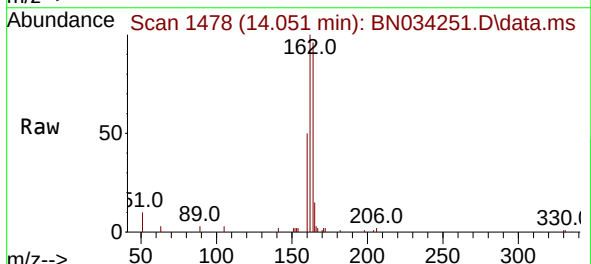
Instrument :
BNA_N
ClientSampleId :
RE134D4-20240919

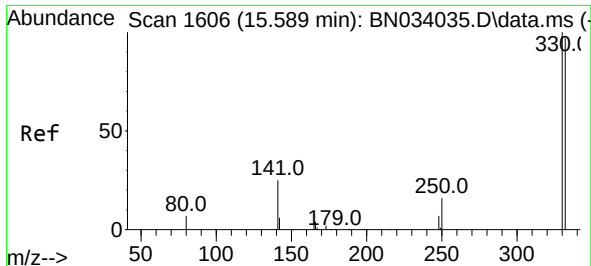
Tgt Ion:152 Resp: 4888
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.051 min Scan# 1478
Delta R.T. 0.004 min
Lab File: BN034251.D
Acq: 26 Sep 2024 19:09

Tgt Ion:164 Resp: 6441
Ion Ratio Lower Upper
164 100
162 103.9 84.2 126.2
160 51.5 41.7 62.5

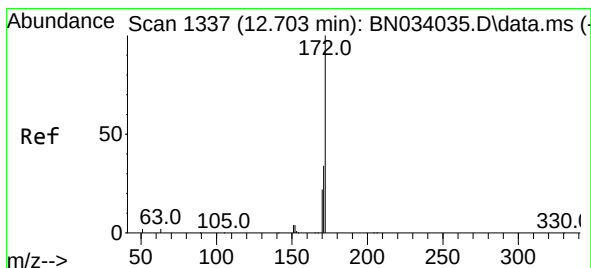
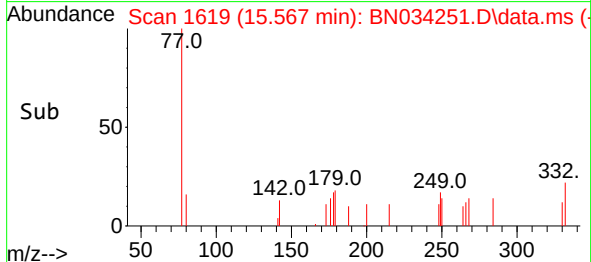
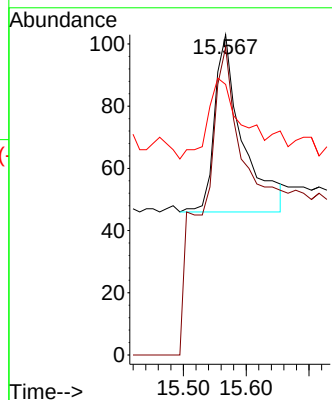
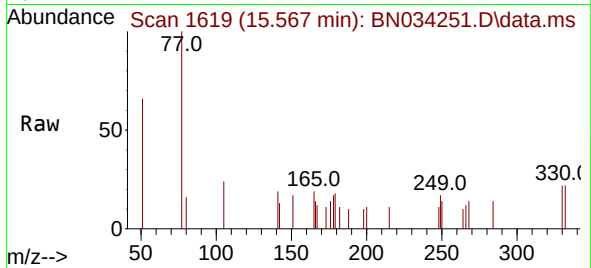




#14
2,4,6-Tribromophenol
Concen: 0.059 ng
RT: 15.567 min Scan# 1
Delta R.T. 0.018 min
Lab File: BN034251.D
Acq: 26 Sep 2024 19:09

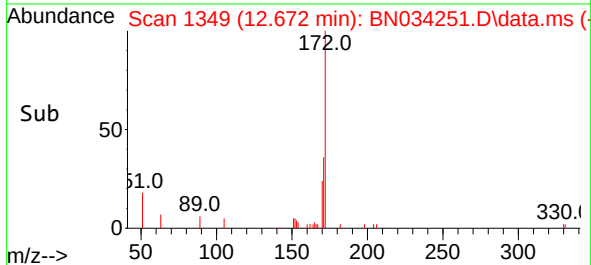
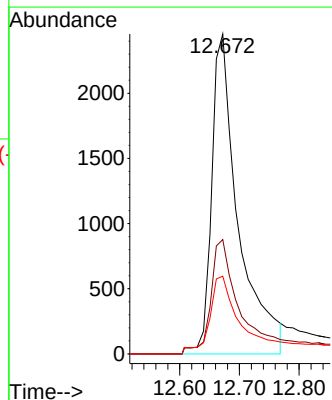
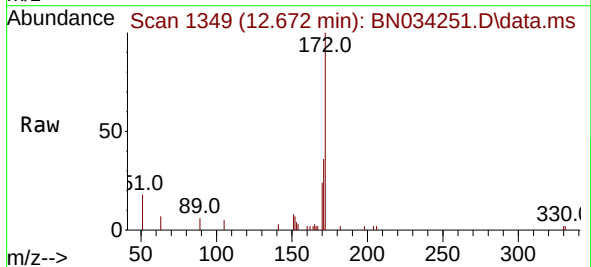
Instrument :
BNA_N
ClientSampleId :
RE134D4-20240919

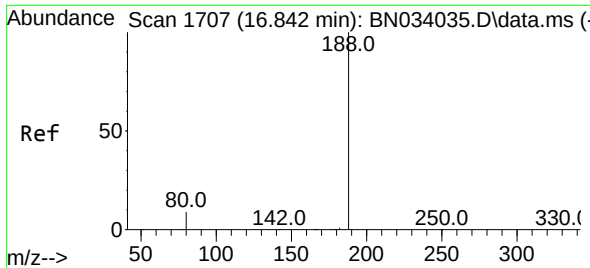
Tgt Ion:330 Resp: 172
Ion Ratio Lower Upper
330 100
332 335.5 77.4 116.0#
141 58.7 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 12.672 min Scan# 1349
Delta R.T. 0.015 min
Lab File: BN034251.D
Acq: 26 Sep 2024 19:09

Tgt Ion:172 Resp: 7016
Ion Ratio Lower Upper
172 100
171 35.7 27.3 40.9
170 24.3 18.1 27.1

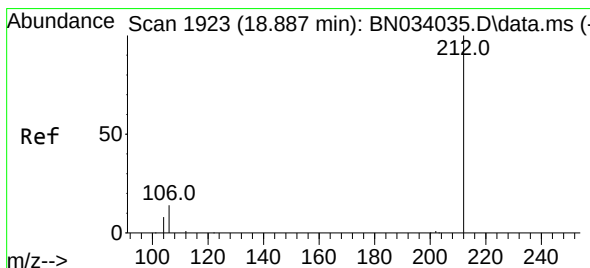
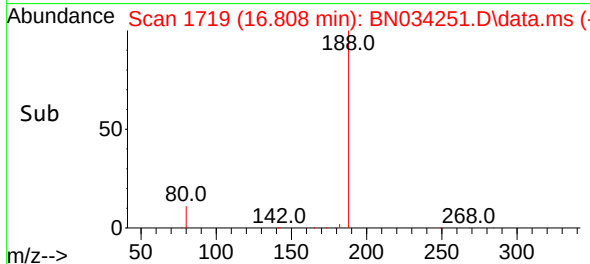
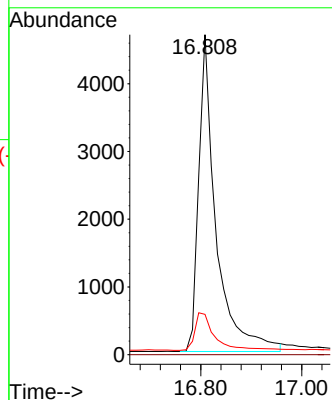
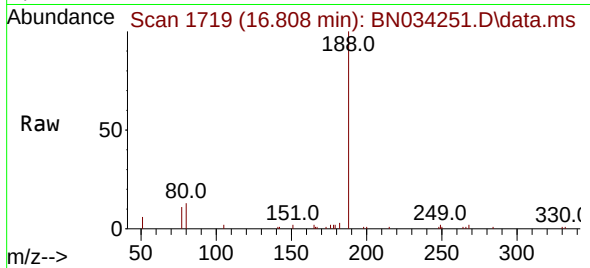




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.808 min Scan# 11
Delta R.T. 0.006 min
Lab File: BN034251.D
Acq: 26 Sep 2024 19:09

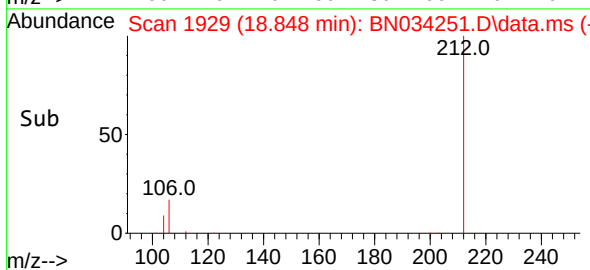
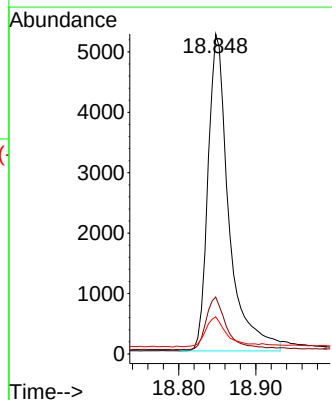
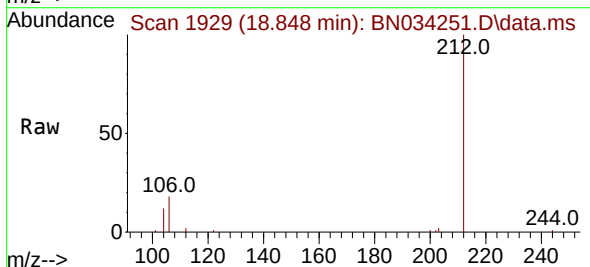
Instrument :
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RE134D4-20240919

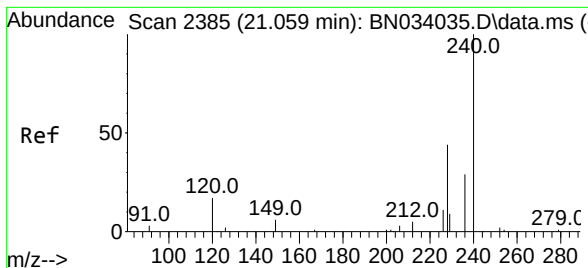
Tgt Ion:188 Resp: 11131
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 18.848 min Scan# 1929
Delta R.T. 0.003 min
Lab File: BN034251.D
Acq: 26 Sep 2024 19:09

Tgt Ion:212 Resp: 9881
Ion Ratio Lower Upper
212 100
106 16.6 13.4 20.2
104 9.5 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: BN034251.D

Acq: 26 Sep 2024 19:09

Instrument :

BNA_N

ClientSampleId :

RE134D4-20240919

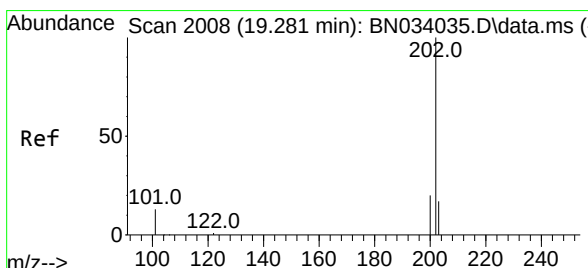
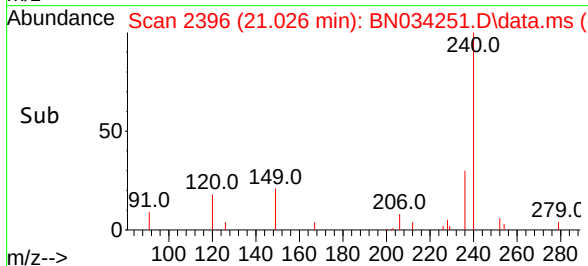
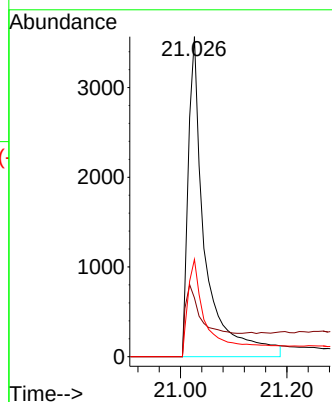
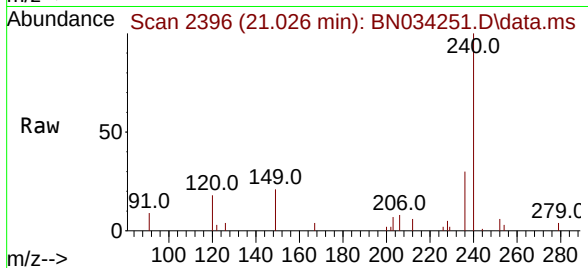
Tgt Ion:240 Resp: 7583

Ion Ratio Lower Upper

240 100

120 18.4 13.5 20.3

236 30.4 23.4 35.0



#30

Pyrene

Concen: 0.021 ng

RT: 19.243 min Scan# 2014

Delta R.T. 0.003 min

Lab File: BN034251.D

Acq: 26 Sep 2024 19:09

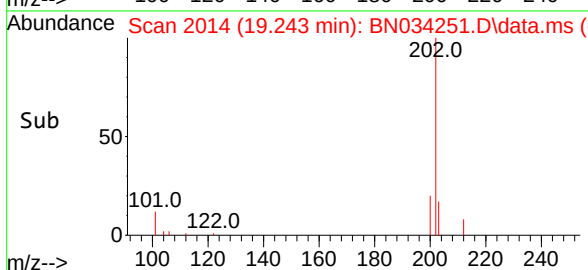
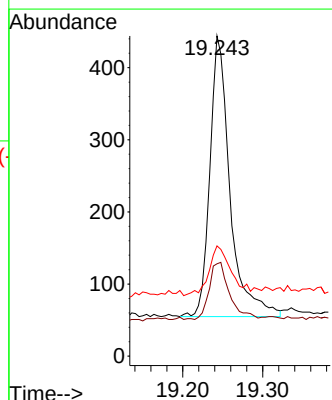
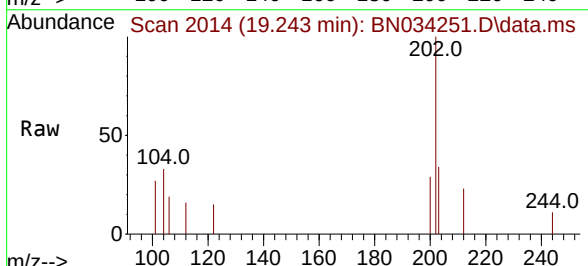
Tgt Ion:202 Resp: 680

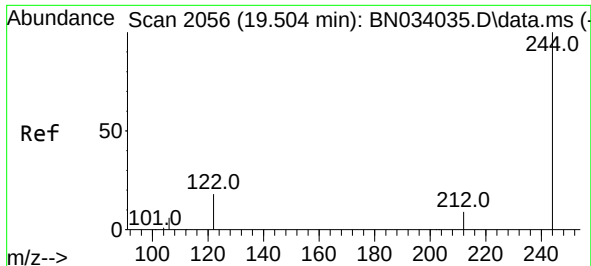
Ion Ratio Lower Upper

202 100

200 19.7 16.6 25.0

203 20.1 14.3 21.5

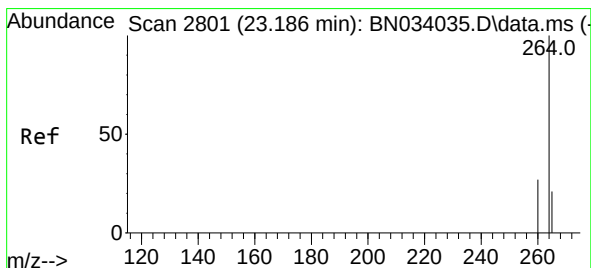
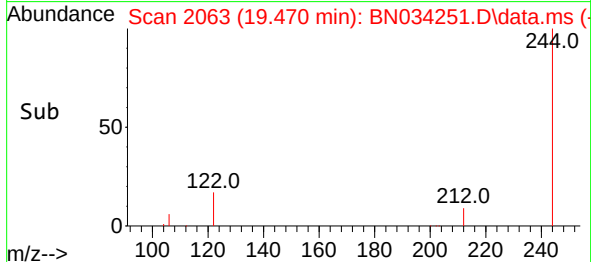
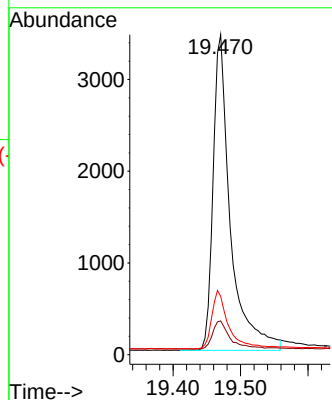
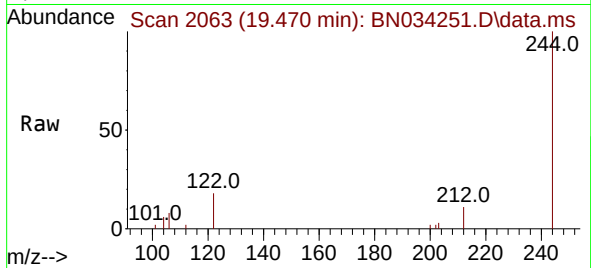




#31
Terphenyl-d14
Concen: 0.405 ng
RT: 19.470 min Scan# 2056
Delta R.T. 0.003 min
Lab File: BN034251.D
Acq: 26 Sep 2024 19:09

Instrument :
BNA_N
ClientSampleId :
RE134D4-20240919

Tgt Ion:244 Resp: 6131
Ion Ratio Lower Upper
244 100
212 10.5 7.8 11.6
122 18.2 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.133 min Scan# 2799
Delta R.T. 0.005 min
Lab File: BN034251.D
Acq: 26 Sep 2024 19:09

Tgt Ion:264 Resp: 6875
Ion Ratio Lower Upper
264 100
260 27.1 21.7 32.5
265 129.5 52.1 78.1#

