

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034249.D
 Acq On : 26 Sep 2024 17:56
 Operator : RC/JU
 Sample : P4164-08DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20240919DL

Quant Time: Sep 26 18:21:39 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)

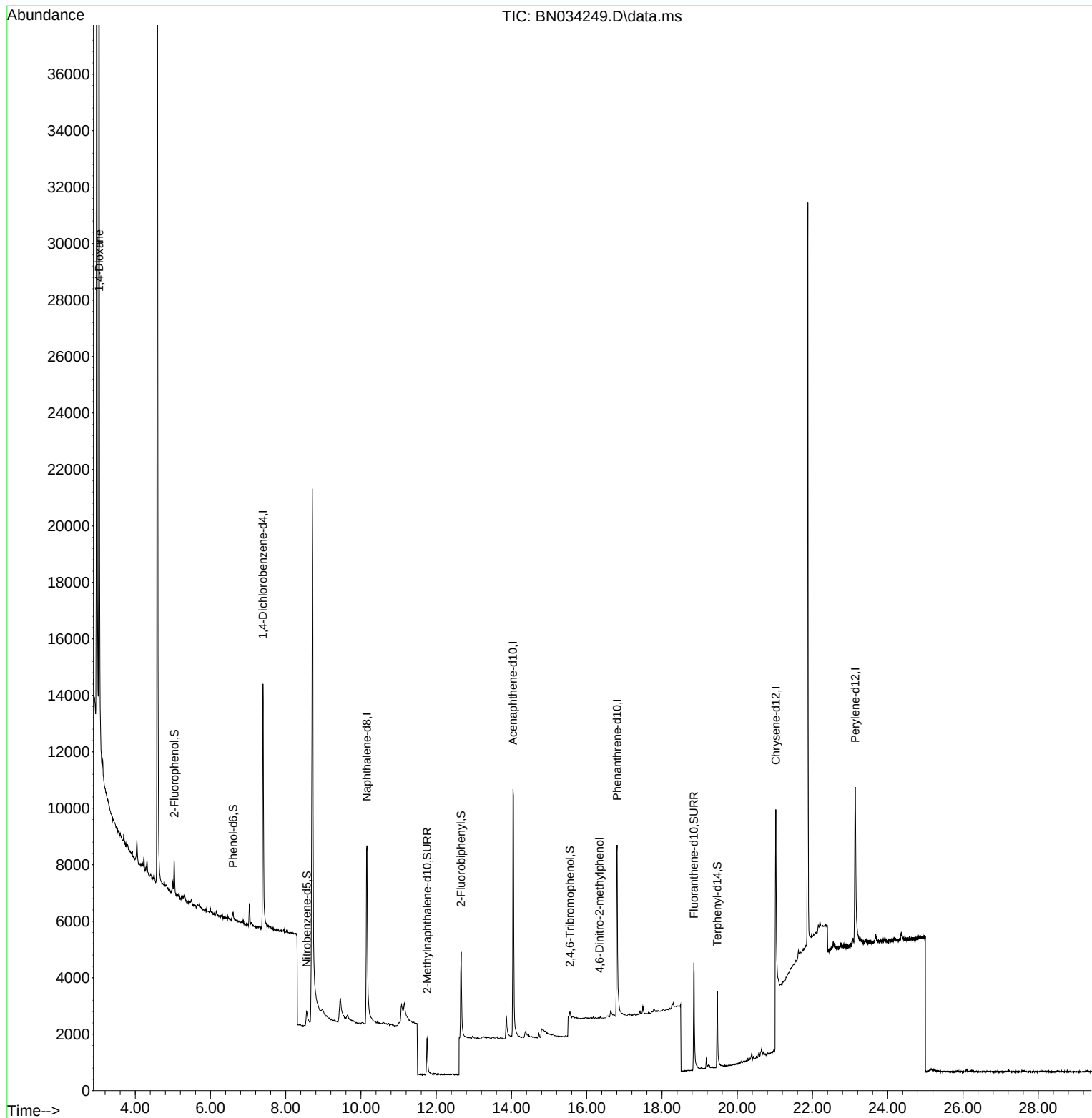
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.394	152	4656	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	12082	0.400	ng	0.01
13) Acenaphthene-d10	14.040	164	6297	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	11632	0.400	ng	0.00
29) Chrysene-d12	21.026	240	8724	0.400	ng	0.01
35) Perylene-d12	23.136	264	9213	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	945	0.072	ng	0.00
5) Phenol-d6	6.600	99	378	0.025	ng	0.00
8) Nitrobenzene-d5	8.557	82	897	0.097	ng	0.02
11) 2-Methylnaphthalene-d10	11.757	152	2383	0.134	ng	0.00
14) 2,4,6-Tribromophenol	15.555	330	160	0.056	ng	0.00
15) 2-Fluorobiphenyl	12.661	172	3590	0.140	ng	0.00
27) Fluoranthene-d10	18.848	212	5313	0.181	ng	0.00
31) Terphenyl-d14	19.470	244	3369	0.193	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.039	88	17656	3.033	ng	# 89
20) 4,6-Dinitro-2-methylph...	16.337	198	6	0.141	ng	# 1

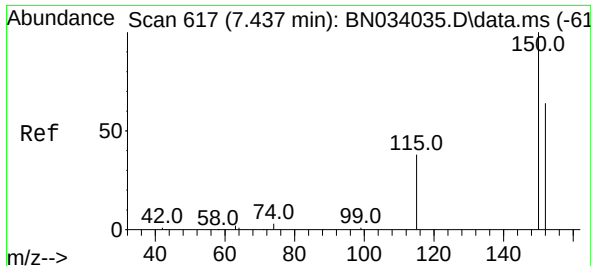
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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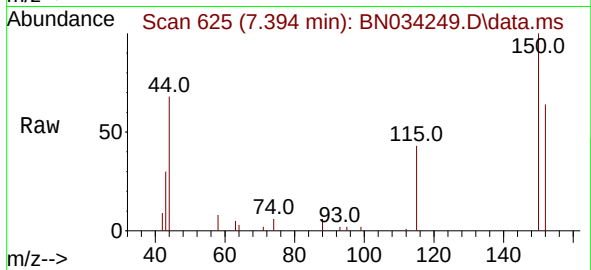
Quant Time: Sep 26 18:21:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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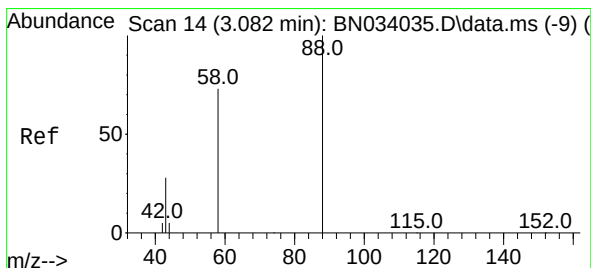
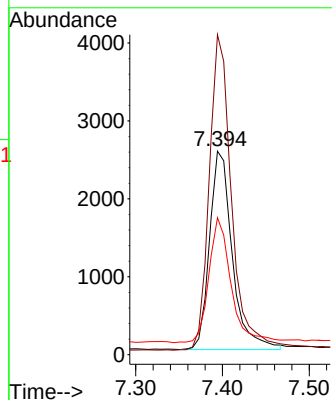
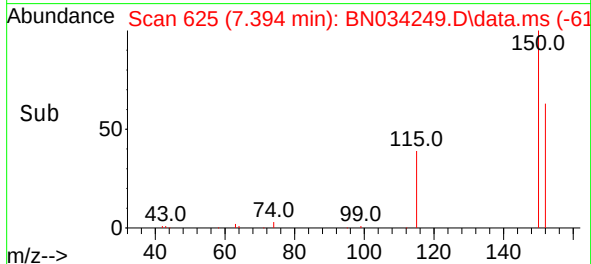


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.394 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN034249.D
Acq: 26 Sep 2024 17:56

Instrument :
BNA_N
ClientSampleId :
RE134D2-20240919DL

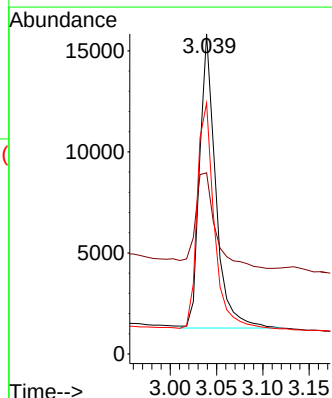
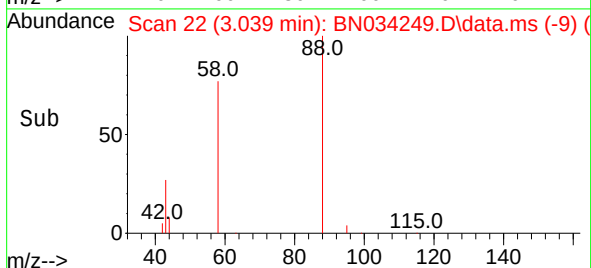
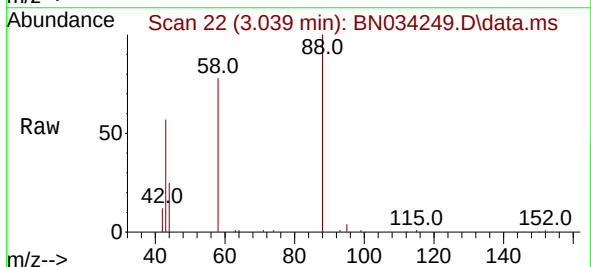


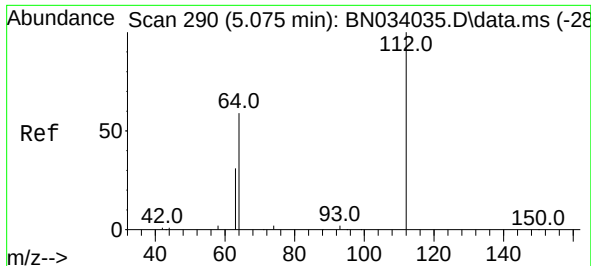
Tgt Ion:152 Resp: 4656
Ion Ratio Lower Upper
152 100
150 157.2 124.6 187.0
115 67.3 50.0 75.0



#2
1,4-Dioxane
Concen: 3.033 ng
RT: 3.039 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN034249.D
Acq: 26 Sep 2024 17:56

Tgt Ion: 88 Resp: 17656
Ion Ratio Lower Upper
88 100
43 40.1 25.8 38.8#
58 81.8 58.8 88.2

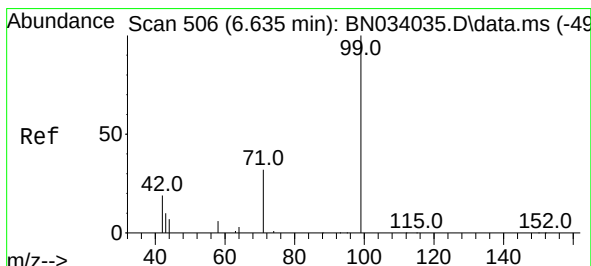
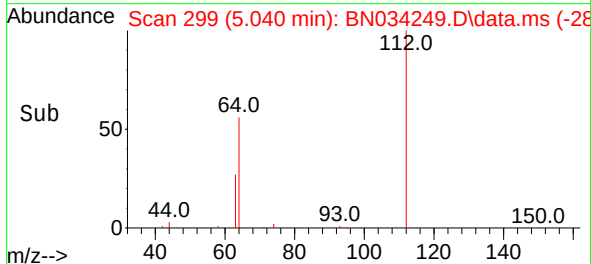
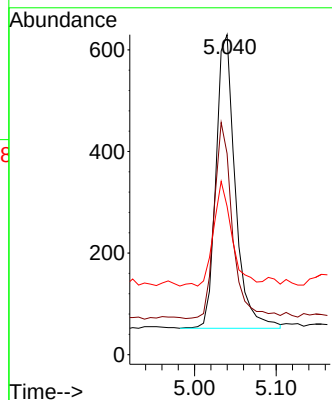
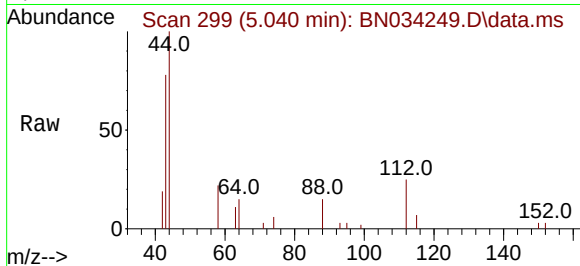




#4
2-Fluorophenol
Concen: 0.072 ng
RT: 5.040 min Scan# 20
Delta R.T. 0.007 min
Lab File: BN034249.D
Acq: 26 Sep 2024 17:56

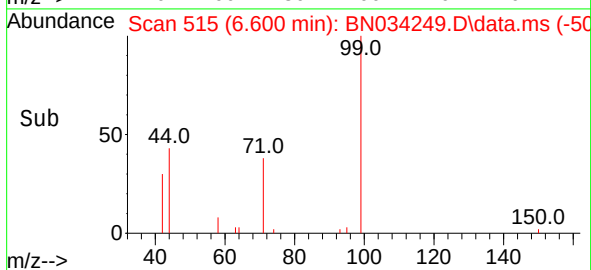
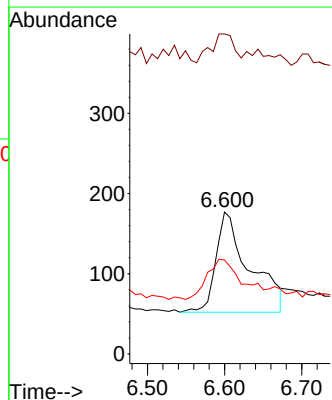
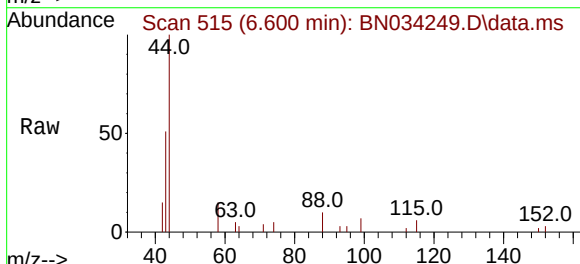
Instrument :
BNA_N
ClientSampleId :
RE134D2-20240919DL

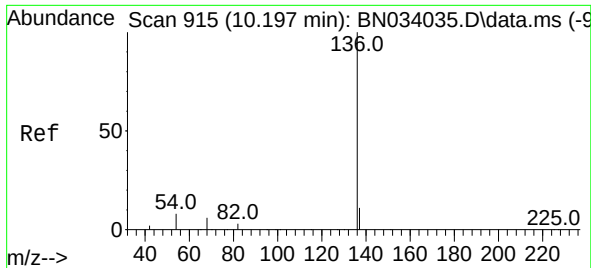
Tgt Ion:112 Resp: 945
Ion Ratio Lower Upper
112 100
64 63.7 48.6 72.8
63 33.8 25.6 38.4



#5
Phenol-d6
Concen: 0.025 ng
RT: 6.600 min Scan# 515
Delta R.T. -0.000 min
Lab File: BN034249.D
Acq: 26 Sep 2024 17:56

Tgt Ion: 99 Resp: 378
Ion Ratio Lower Upper
99 100
42 19.8 17.8 26.8
71 42.9 26.2 39.2#

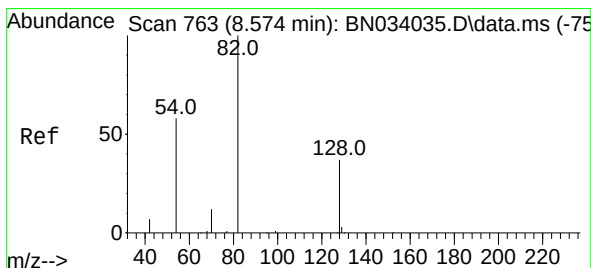
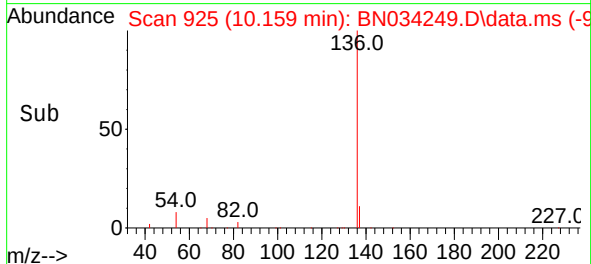
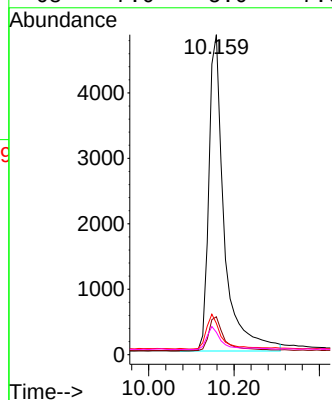
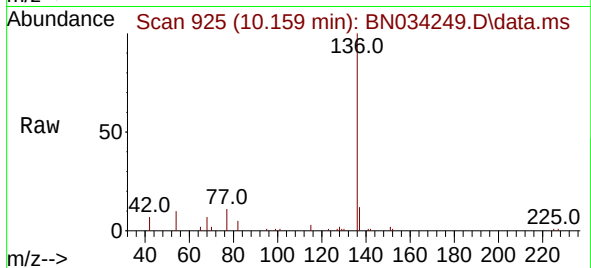




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.159 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034249.D
Acq: 26 Sep 2024 17:56

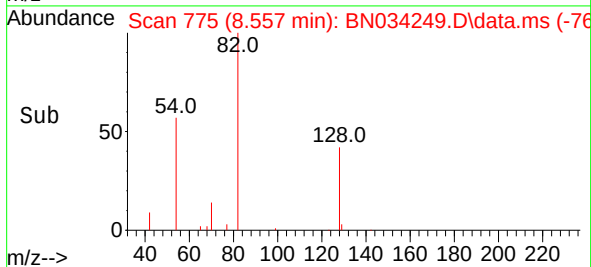
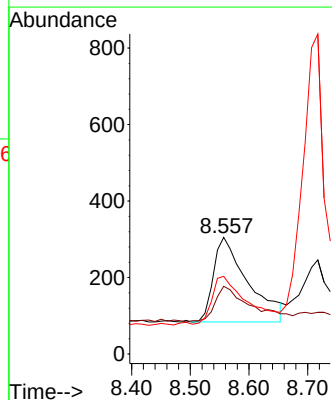
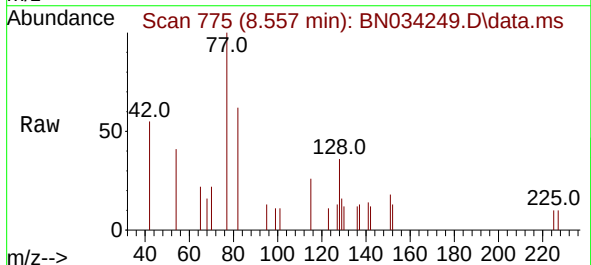
Instrument :
BNA_N
ClientSampleId :
RE134D2-20240919DL

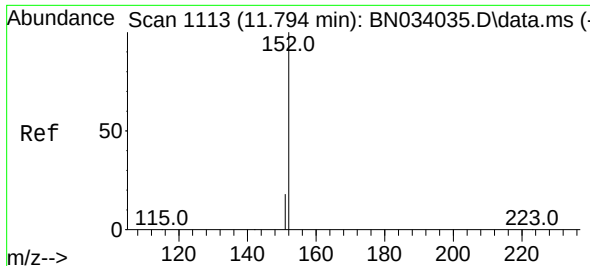
Tgt Ion:	136	Resp:	12082
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.0	13.6
54	9.8	6.8	10.2
68	7.0	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.097 ng
RT: 8.557 min Scan# 775
Delta R.T. 0.021 min
Lab File: BN034249.D
Acq: 26 Sep 2024 17:56

Tgt Ion:	82	Resp:	897
Ion Ratio	Lower	Upper	
82	100		
128	58.0	31.4	47.2#
54	66.6	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.134 ng

RT: 11.757 min Scan# 1118

Delta R.T. 0.004 min

Lab File: BN034249.D

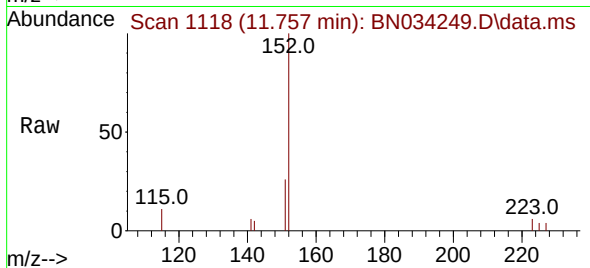
Acq: 26 Sep 2024 17:56

Instrument :

BNA_N

ClientSampleId :

RE134D2-20240919DL

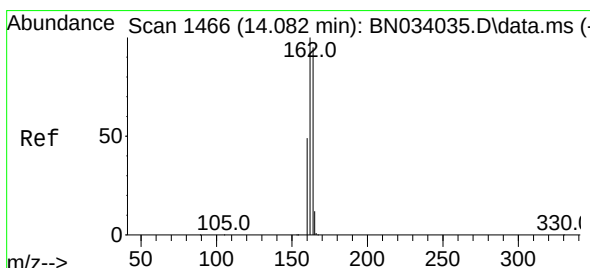
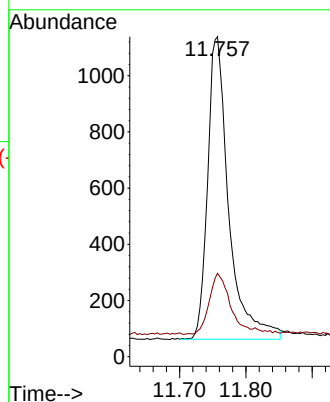


Tgt Ion:152 Resp: 2383

Ion Ratio Lower Upper

152 100

151 19.9 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.040 min Scan# 1477

Delta R.T. -0.007 min

Lab File: BN034249.D

Acq: 26 Sep 2024 17:56

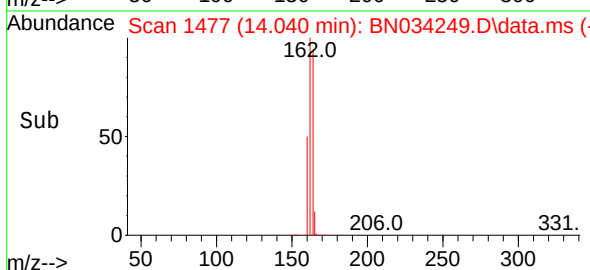
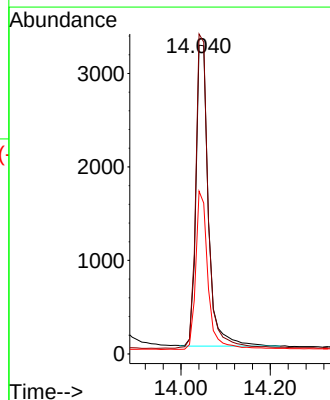
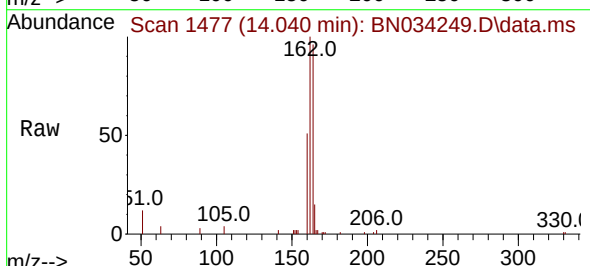
Tgt Ion:164 Resp: 6297

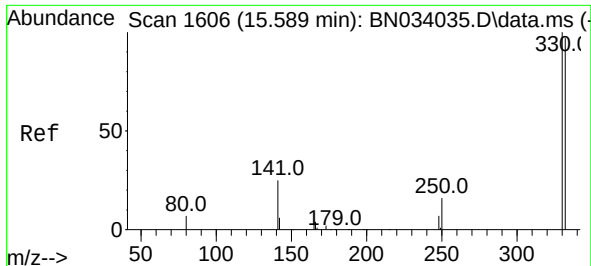
Ion Ratio Lower Upper

164 100

162 103.6 84.2 126.2

160 52.7 41.7 62.5

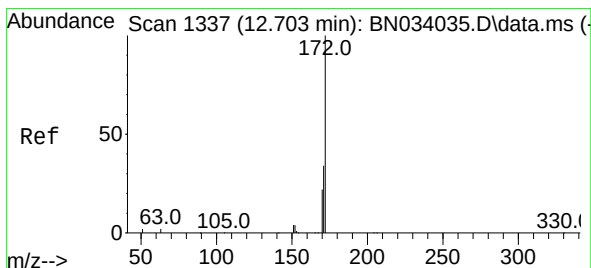
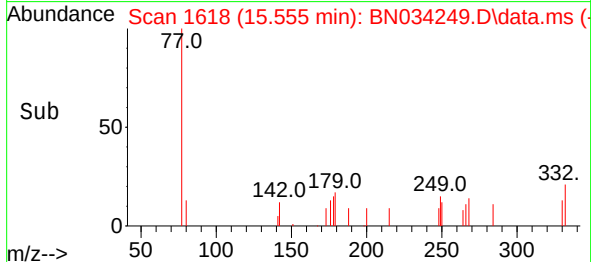
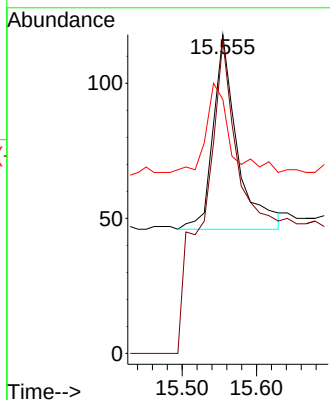
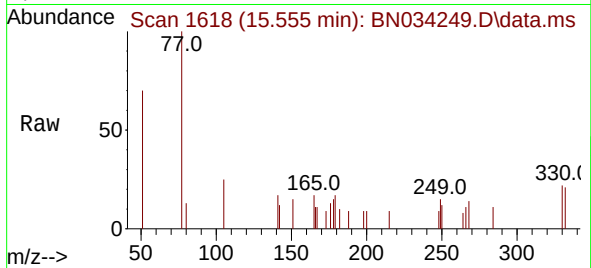




#14
2,4,6-Tribromophenol
Concen: 0.056 ng
RT: 15.555 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN034249.D
Acq: 26 Sep 2024 17:56

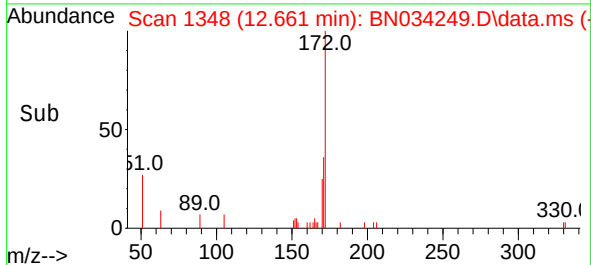
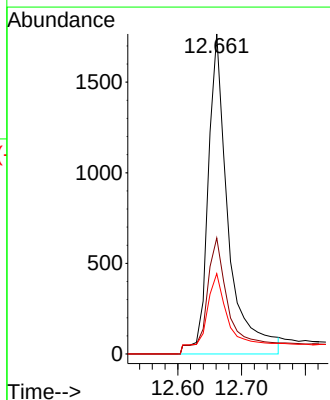
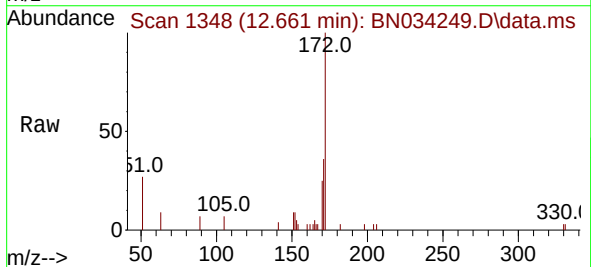
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BNA_N
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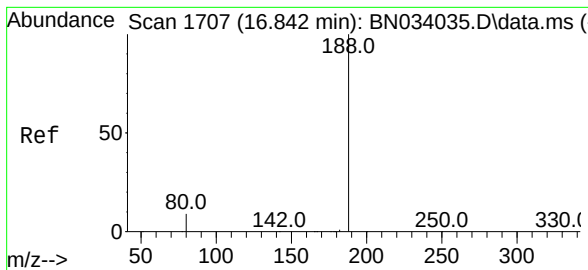
Tgt Ion:330 Resp: 160
Ion Ratio Lower Upper
330 100
332 312.5 77.4 116.0#
141 43.1 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.140 ng
RT: 12.661 min Scan# 1348
Delta R.T. 0.004 min
Lab File: BN034249.D
Acq: 26 Sep 2024 17:56

Tgt Ion:172 Resp: 3590
Ion Ratio Lower Upper
172 100
171 36.2 27.3 40.9
170 25.1 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: BN034249.D

Acq: 26 Sep 2024 17:56

Instrument :

BNA_N

ClientSampleId :

RE134D2-20240919DL

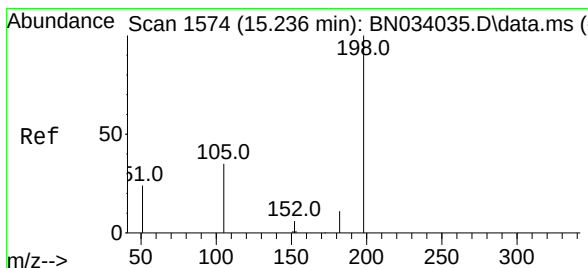
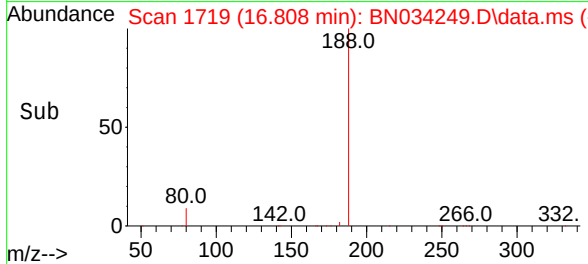
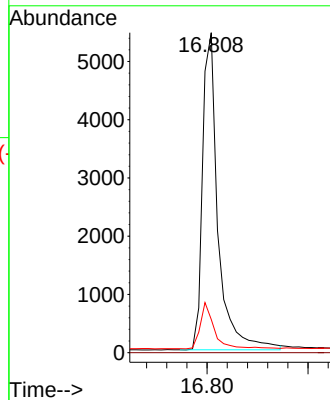
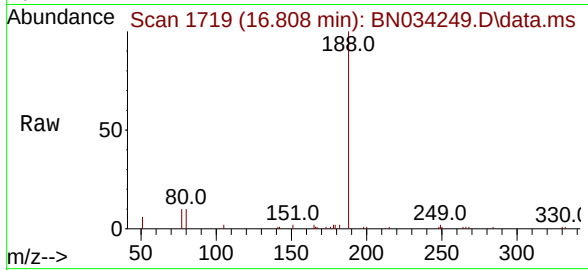
Tgt Ion:188 Resp: 11632

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.141 ng

RT: 16.337 min Scan# 1681

Delta R.T. 0.030 min

Lab File: BN034249.D

Acq: 26 Sep 2024 17:56

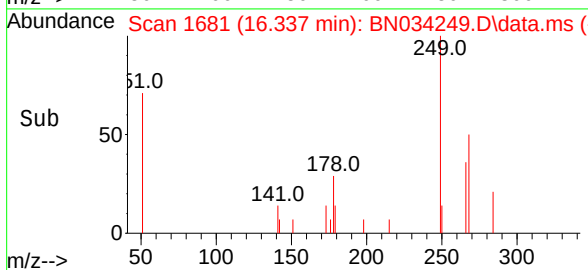
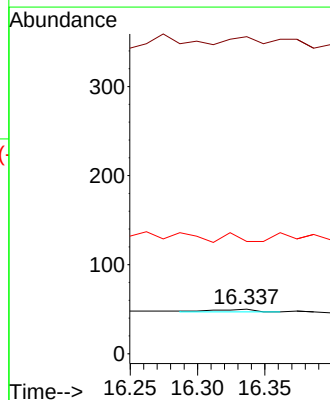
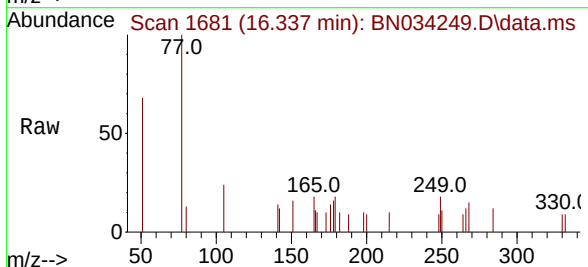
Tgt Ion:198 Resp: 6

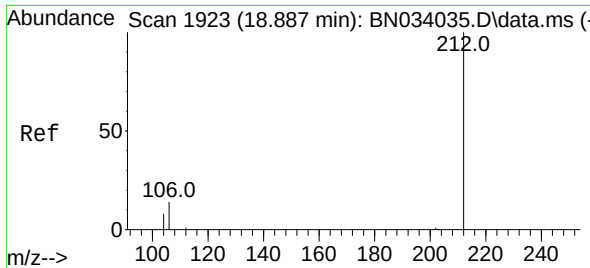
Ion Ratio Lower Upper

198 100

51 712.0 106.4 159.6#

105 252.0 38.5 57.7#

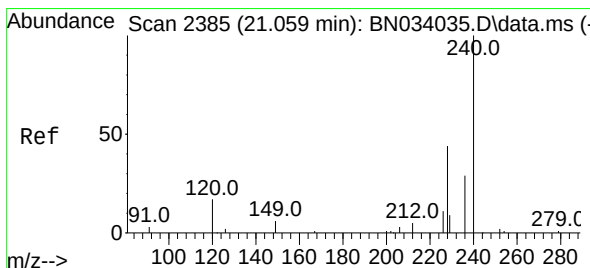
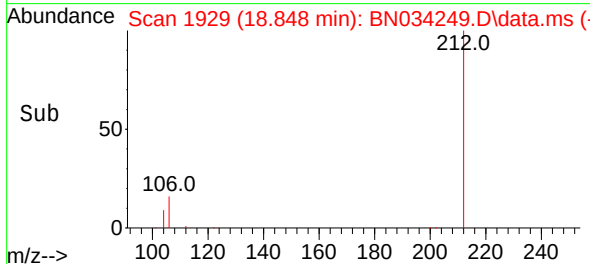
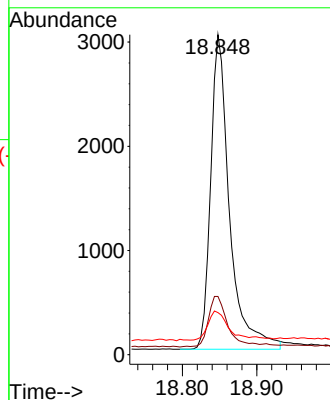
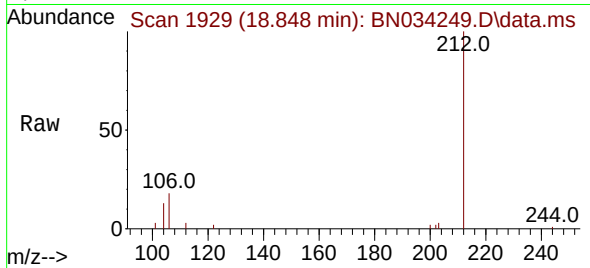




#27
Fluoranthene-d10
Concen: 0.181 ng
RT: 18.848 min Scan# 1929
Delta R.T. 0.002 min
Lab File: BN034249.D
Acq: 26 Sep 2024 17:56

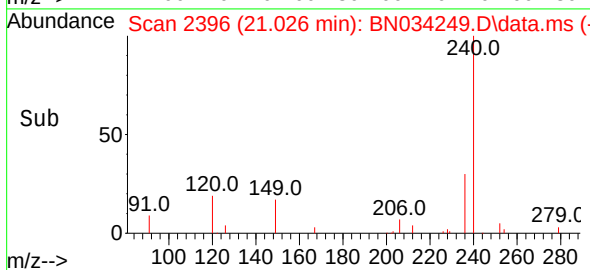
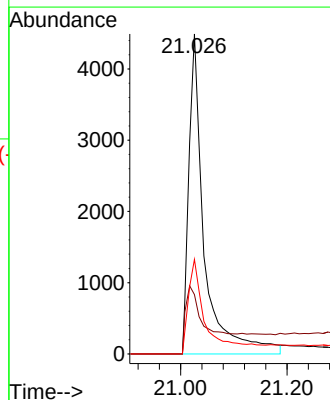
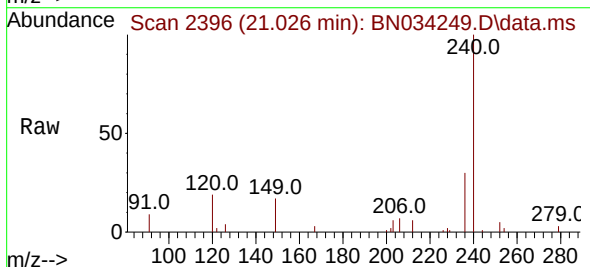
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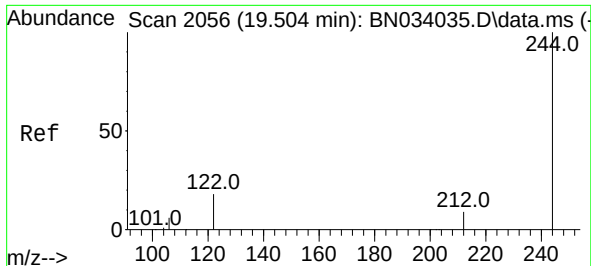
Tgt Ion	Ratio	Lower	Upper
212	100		
106	16.5	13.4	20.2
104	9.6	7.8	11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.026 min Scan# 2396
Delta R.T. 0.011 min
Lab File: BN034249.D
Acq: 26 Sep 2024 17:56

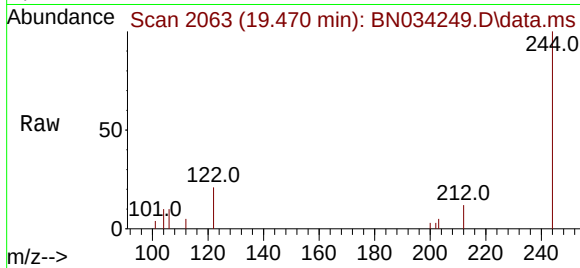
Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.5	13.5	20.3
236	29.5	23.4	35.0



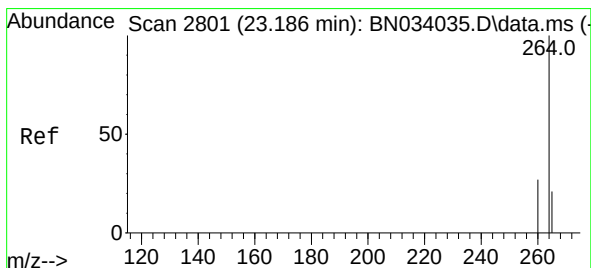
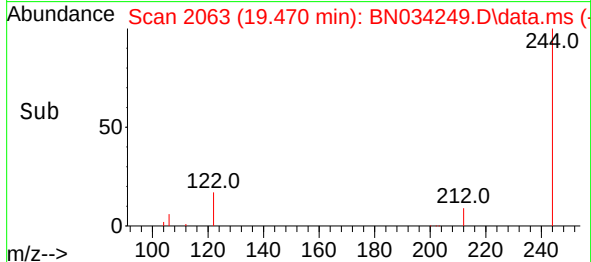
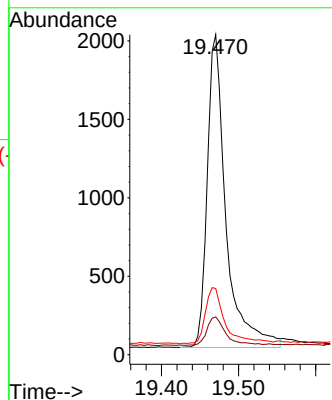


#31
Terphenyl-d14
Concen: 0.193 ng
RT: 19.470 min Scan# 2056
Delta R.T. 0.002 min
Lab File: BN034249.D
Acq: 26 Sep 2024 17:56

Instrument :
BNA_N
ClientSampleId :
RE134D2-20240919DL



Tgt Ion:244 Resp: 3369
Ion Ratio Lower Upper
244 100
212 11.8 7.8 11.6#
122 20.7 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: BN034249.D
Acq: 26 Sep 2024 17:56

Tgt Ion:264 Resp: 9213
Ion Ratio Lower Upper
264 100
260 28.1 21.7 32.5
265 104.2 52.1 78.1#

