

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034230.D
 Acq On : 25 Sep 2024 18:21
 Operator : RC/JU
 Sample : P4164-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D-20240919

Quant Time: Sep 26 00:38:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

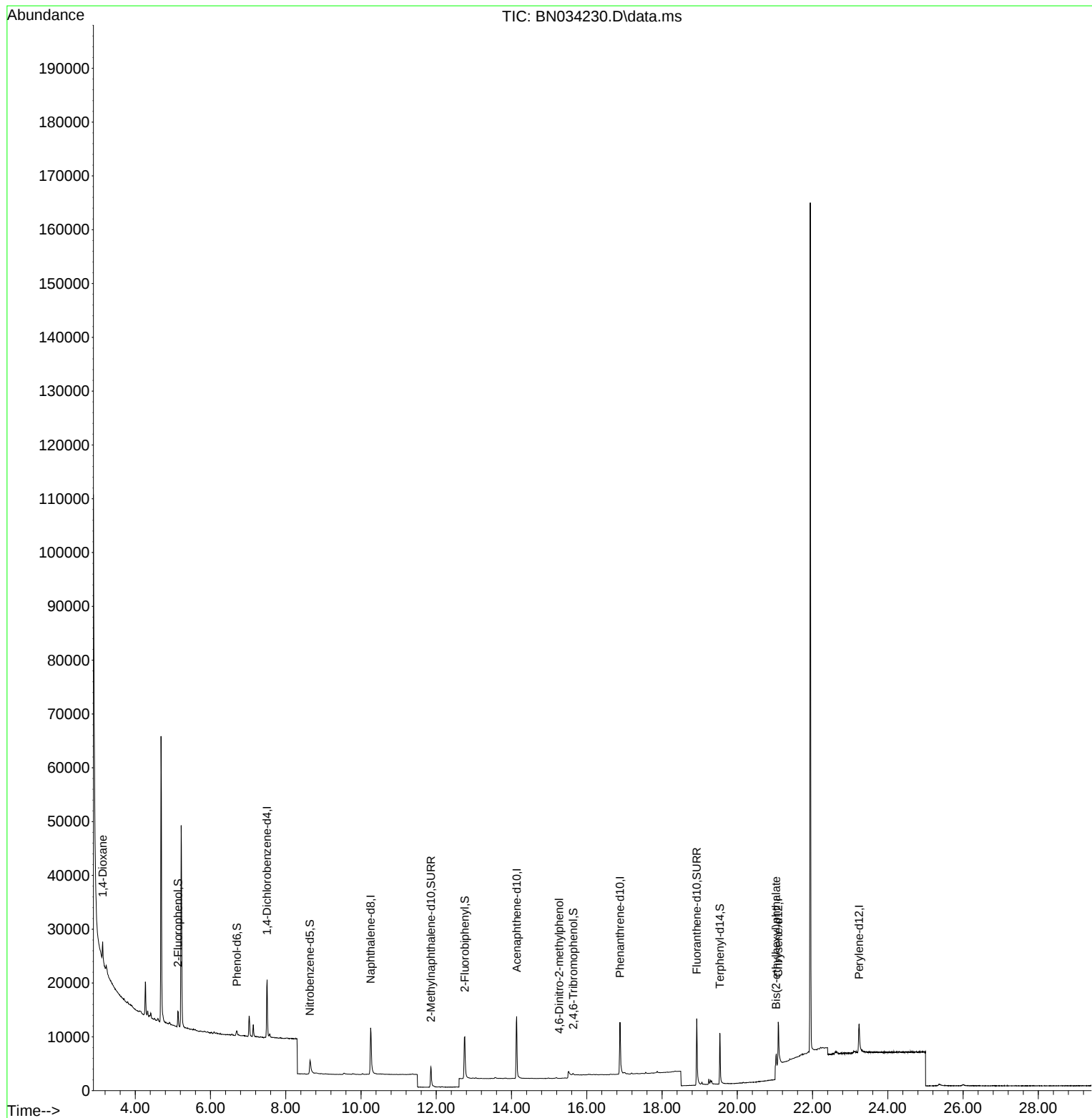
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.503	152	4547	0.400	ng	0.07
7) Naphthalene-d8	10.255	136	14797	0.400	ng	# 0.06
13) Acenaphthene-d10	14.137	164	7998	0.400	ng	0.05
19) Phenanthrene-d10	16.883	188	15665	0.400	ng	# 0.04
29) Chrysene-d12	21.089	240	11638	0.400	ng	# 0.03
35) Perylene-d12	23.236	264	9391	0.400	ng	# 0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.141	112	2381	0.185	ng	0.07
5) Phenol-d6	6.701	99	1215	0.081	ng	0.07
8) Nitrobenzene-d5	8.643	82	3340	0.295	ng	0.07
11) 2-Methylnaphthalene-d10	11.856	152	6736	0.308	ng	0.06
14) 2,4,6-Tribromophenol	15.642	330	277	0.076	ng	0.05
15) 2-Fluorobiphenyl	12.758	172	9780	0.301	ng	0.05
27) Fluoranthene-d10	18.922	212	15564	0.394	ng	0.04
31) Terphenyl-d14	19.536	244	10381	0.447	ng	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	2350	0.413	ng	# 77
20) 4,6-Dinitro-2-methylph...	15.270	198	6	0.140	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.035	149	5722	0.373	ng	# 91

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

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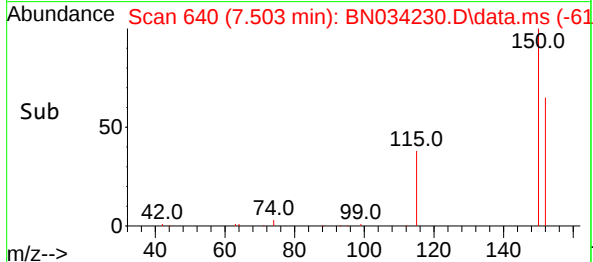
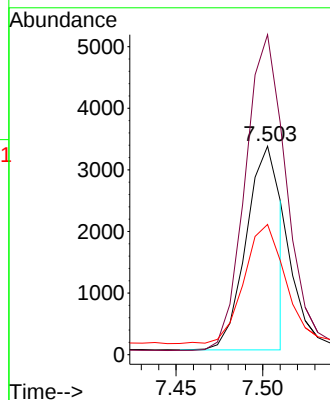
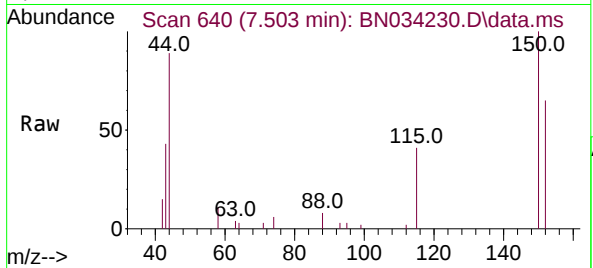




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.503 min Scan# 64
Delta R.T. 0.066 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

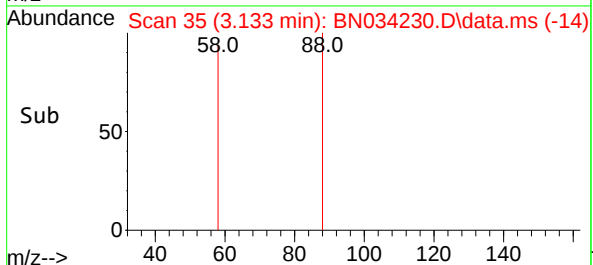
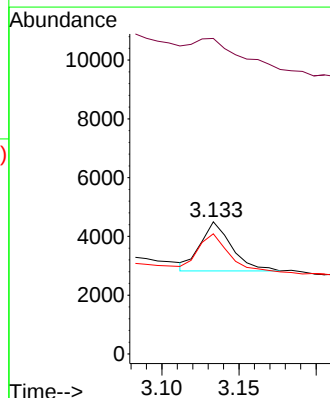
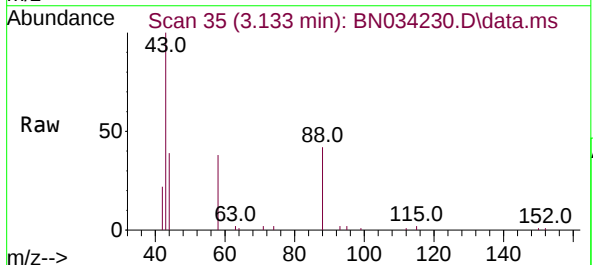
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D-20240919

Tgt Ion:152 Resp: 4547
Ion Ratio Lower Upper
152 100
150 153.5 124.6 187.0
115 62.5 50.0 75.0



#2
1,4-Dioxane
Concen: 0.413 ng
RT: 3.133 min Scan# 35
Delta R.T. 0.052 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

Tgt Ion: 88 Resp: 2350
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 80.4 58.8 88.2

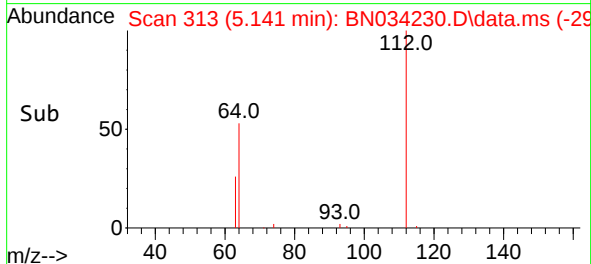
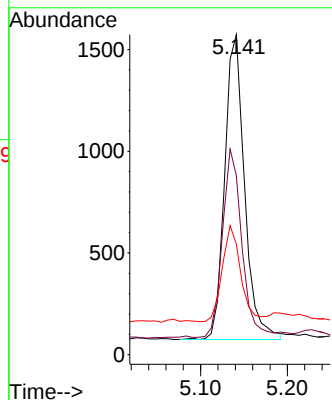
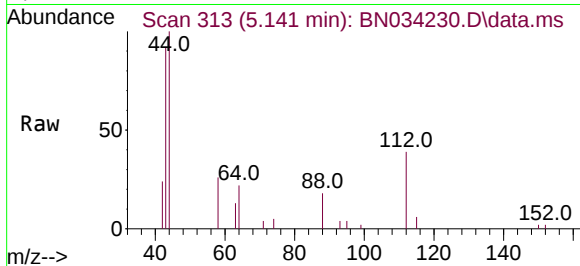




#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.141 min Scan# 311
Delta R.T. 0.066 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

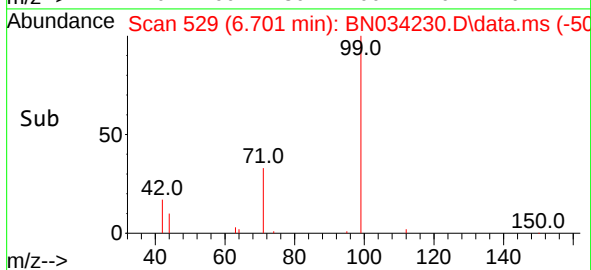
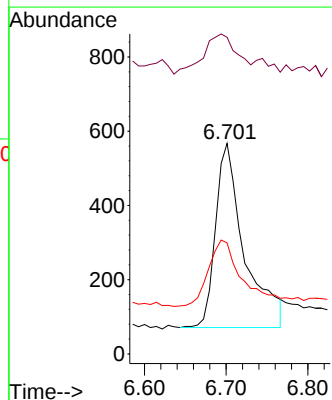
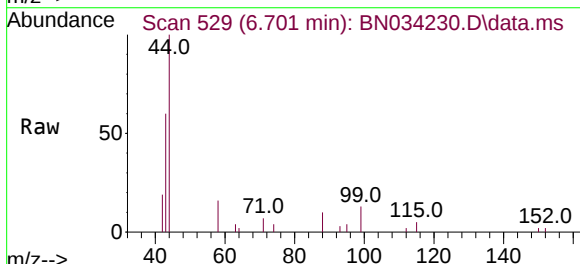
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D-20240919

Tgt Ion:112 Resp: 2381
Ion Ratio Lower Upper
112 100
64 60.2 48.6 72.8
63 29.0 25.6 38.4



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.701 min Scan# 529
Delta R.T. 0.066 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

Tgt Ion: 99 Resp: 1215
Ion Ratio Lower Upper
99 100
42 25.2 17.8 26.8
71 42.4 26.2 39.2#

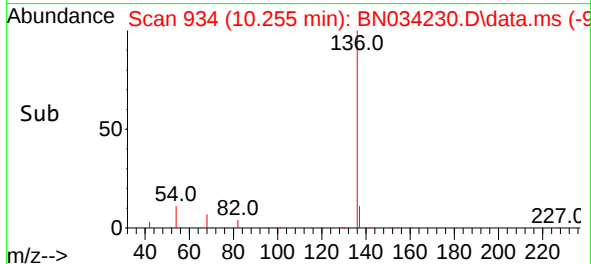
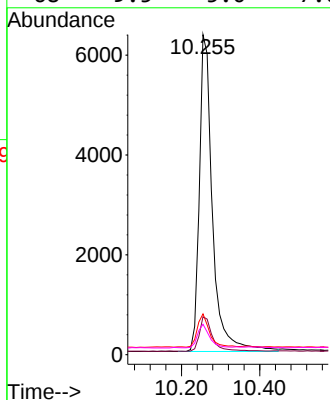
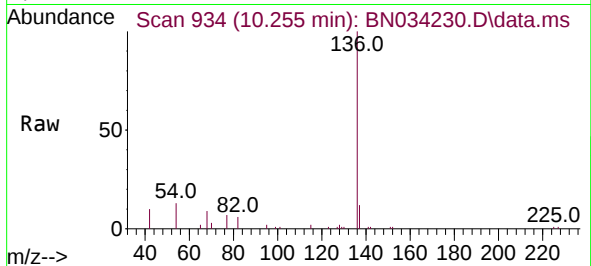




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.255 min Scan# 915
Delta R.T. 0.058 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

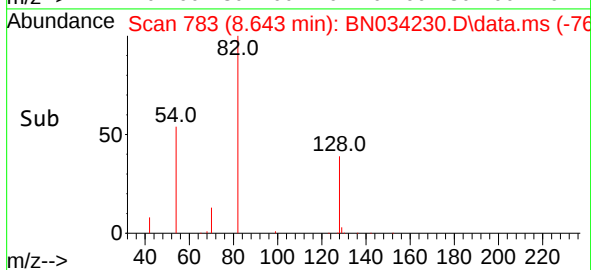
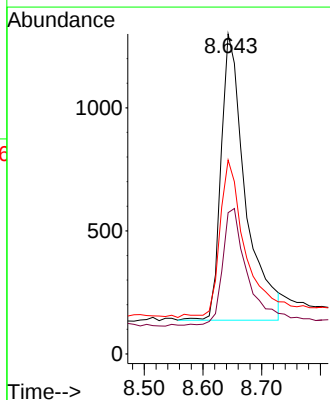
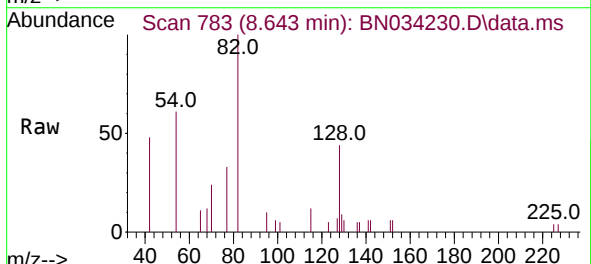
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D-20240919

Tgt Ion:	136	Resp:	14797
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.0	13.6
54	12.8	6.8	10.2#
68	9.5	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.643 min Scan# 783
Delta R.T. 0.069 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

Tgt Ion:	82	Resp:	3340
Ion Ratio	Lower	Upper	
82	100		
128	44.2	31.4	47.2
54	60.6	47.4	71.0

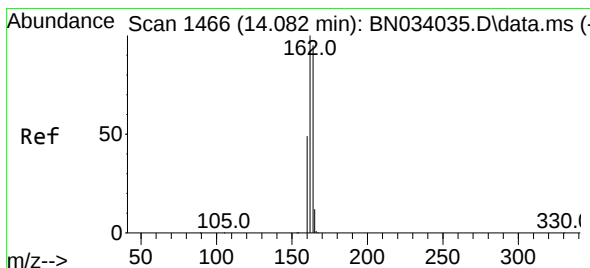
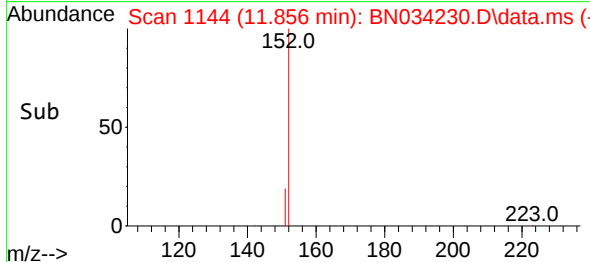
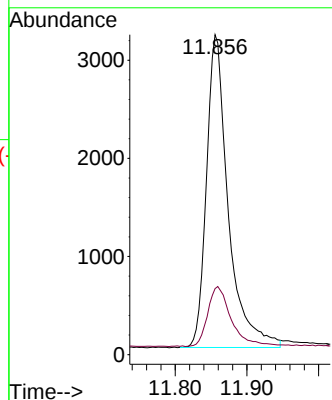
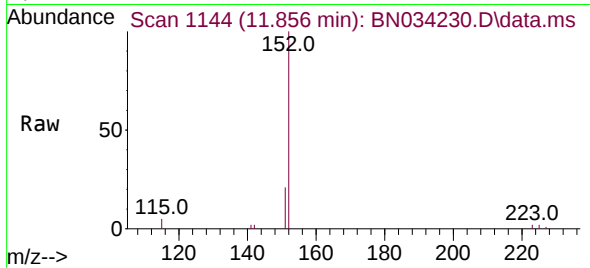




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 11.856 min Scan# 1113
Delta R.T. 0.062 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

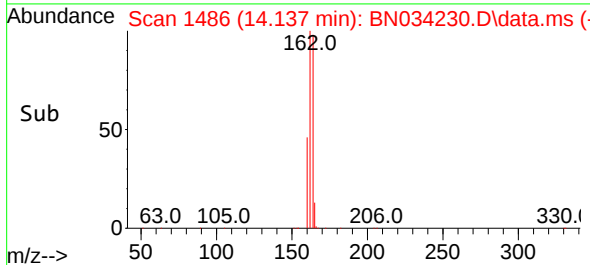
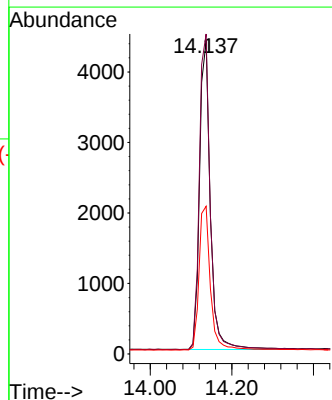
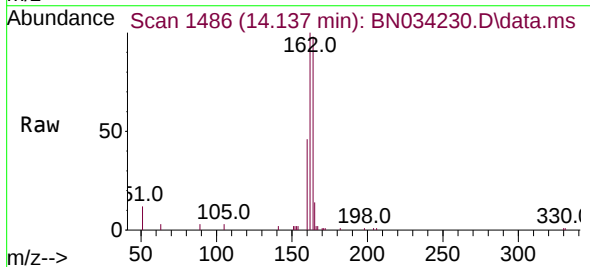
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D-20240919

Tgt Ion:152 Resp: 6736
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.137 min Scan# 1486
Delta R.T. 0.055 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

Tgt Ion:164 Resp: 7998
Ion Ratio Lower Upper
164 100
162 102.3 84.2 126.2
160 47.2 41.7 62.5

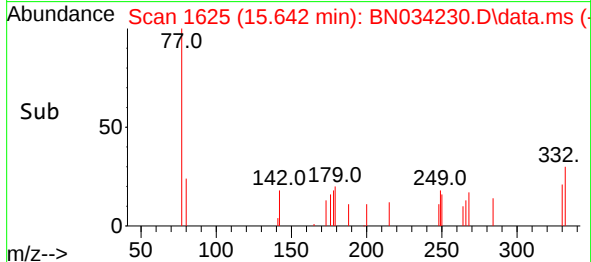
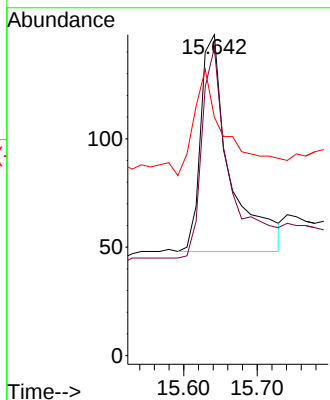
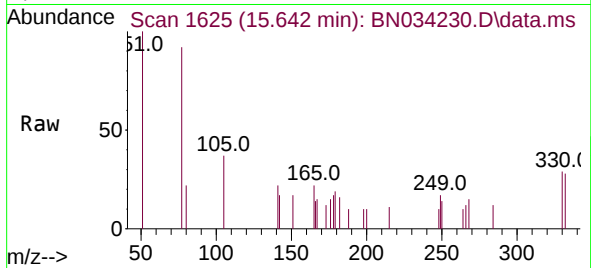




#14
2,4,6-Tribromophenol
Concen: 0.076 ng
RT: 15.642 min Scan# 1625
Delta R.T. 0.053 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

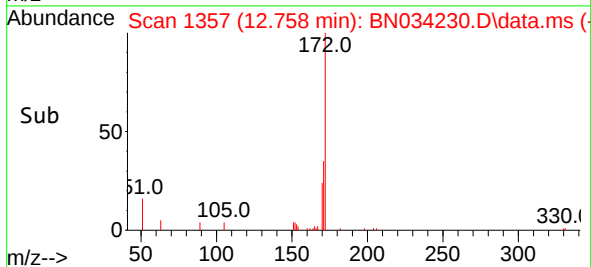
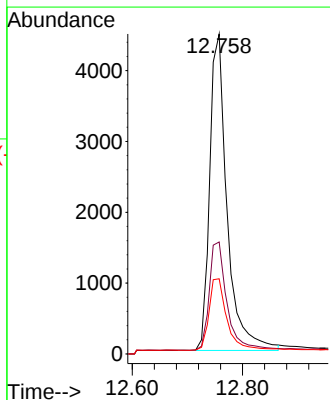
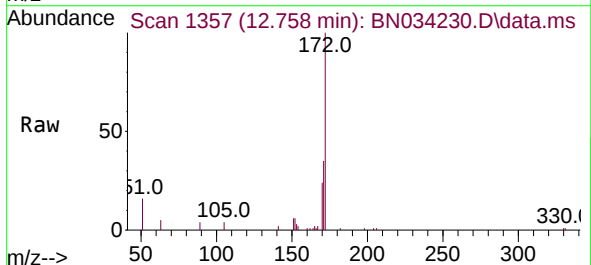
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D-20240919

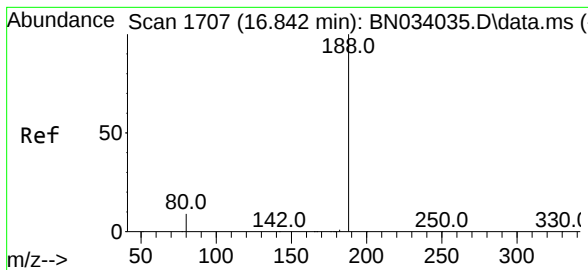
Tgt Ion:330 Resp: 277
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 56.0 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 12.758 min Scan# 1357
Delta R.T. 0.055 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

Tgt Ion:172 Resp: 9780
Ion Ratio Lower Upper
172 100
171 35.0 27.3 40.9
170 23.5 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.883 min Scan# 11

Delta R.T. 0.040 min

Lab File: BN034230.D

Acq: 25 Sep 2024 18:21

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D-20240919

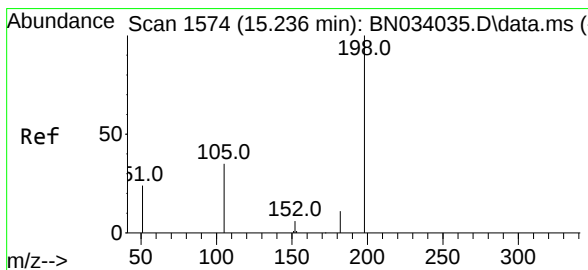
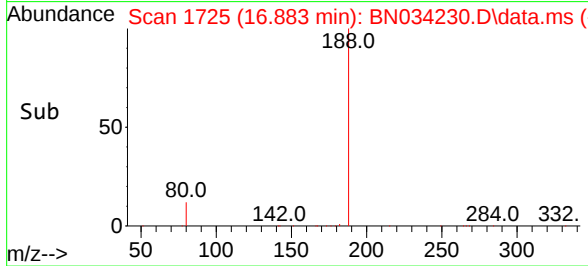
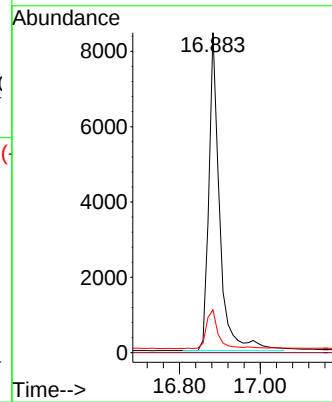
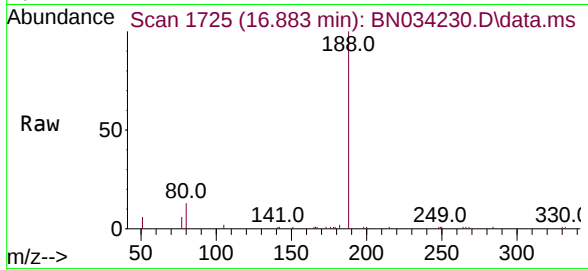
Tgt Ion:188 Resp: 15665

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.4 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 15.270 min Scan# 1592

Delta R.T. 0.034 min

Lab File: BN034230.D

Acq: 25 Sep 2024 18:21

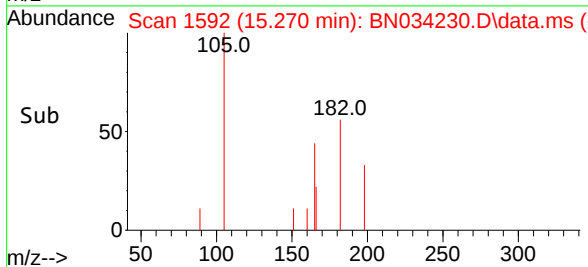
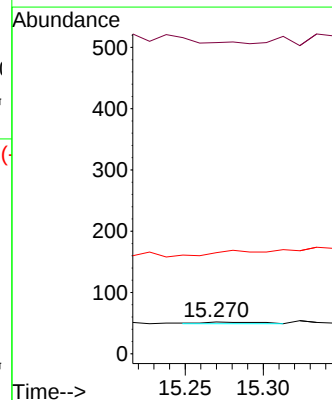
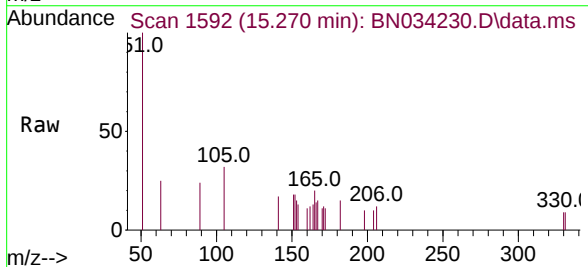
Tgt Ion:198 Resp: 6

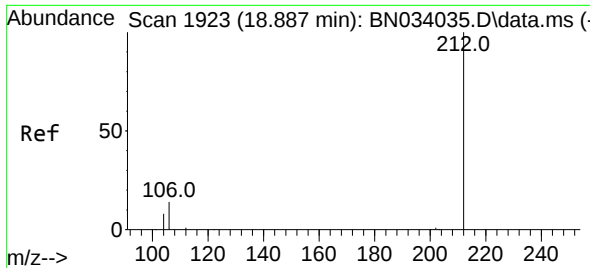
Ion Ratio Lower Upper

198 100

51 976.9 106.4 159.6#

105 317.3 38.5 57.7#

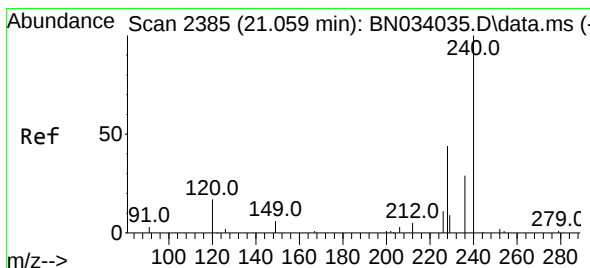
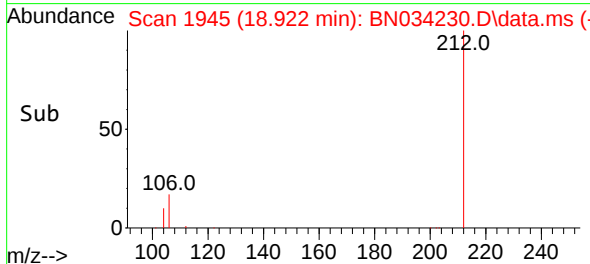
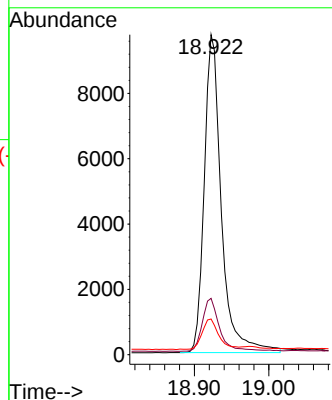
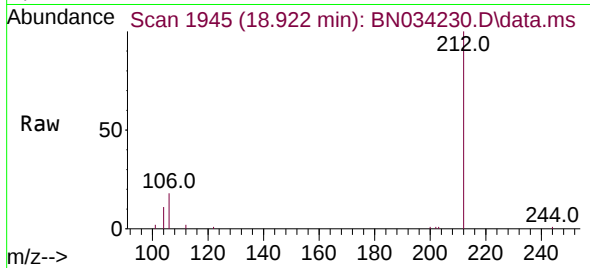




#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 18.922 min Scan# 1945
Delta R.T. 0.036 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

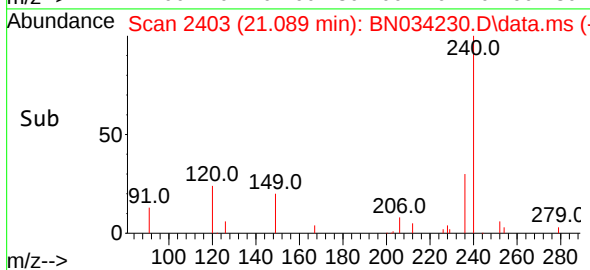
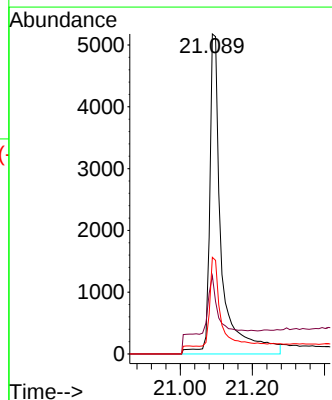
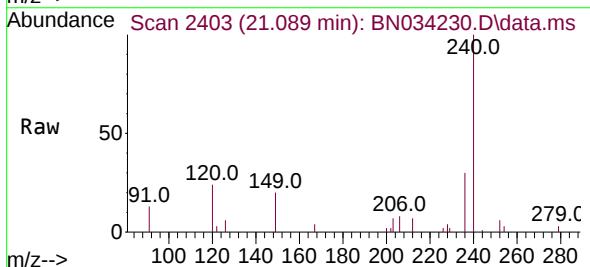
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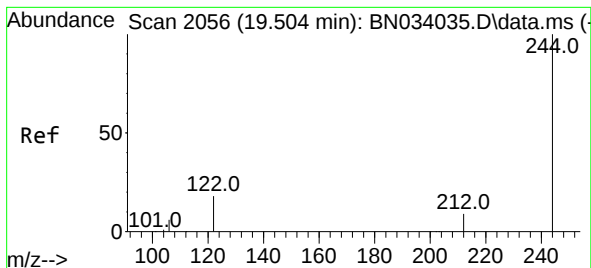
Tgt Ion	Ratio	Lower	Upper
212	100		
106	16.9	13.4	20.2
104	9.4	7.8	11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.089 min Scan# 2403
Delta R.T. 0.030 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	24.4	13.5	20.3
236	30.2	23.4	35.0





#31

Terphenyl-d14

Concen: 0.447 ng

RT: 19.536 min Scan# 2056

Delta R.T. 0.031 min

Lab File: BN034230.D

Acq: 25 Sep 2024 18:21

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D-20240919

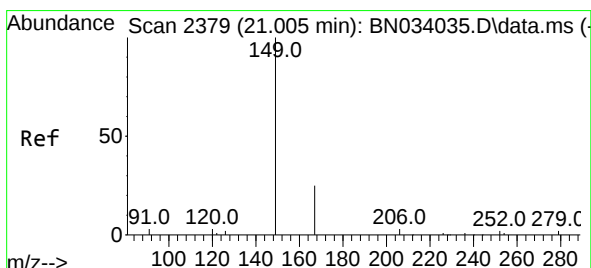
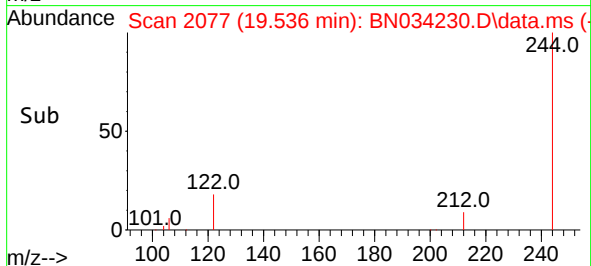
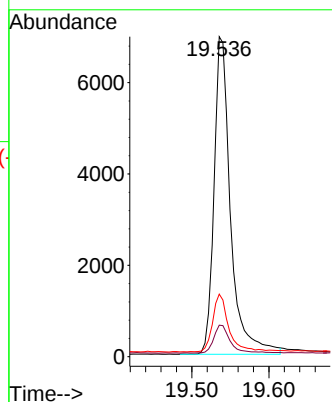
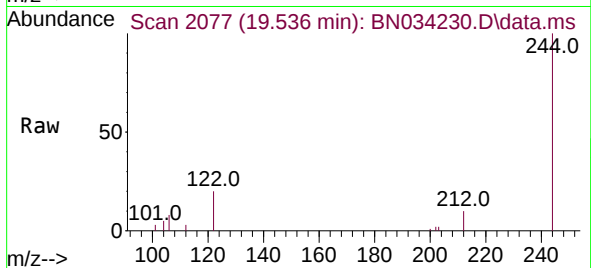
Tgt Ion:244 Resp: 10381

Ion Ratio Lower Upper

244 100

212 9.9 7.8 11.6

122 19.5 14.8 22.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.373 ng

RT: 21.035 min Scan# 2397

Delta R.T. 0.030 min

Lab File: BN034230.D

Acq: 25 Sep 2024 18:21

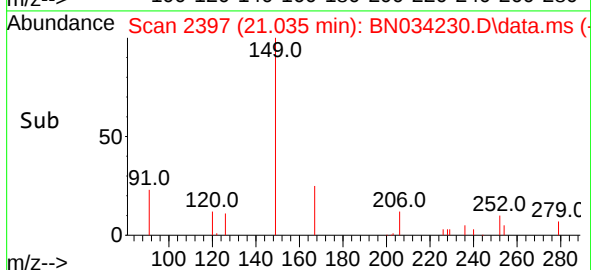
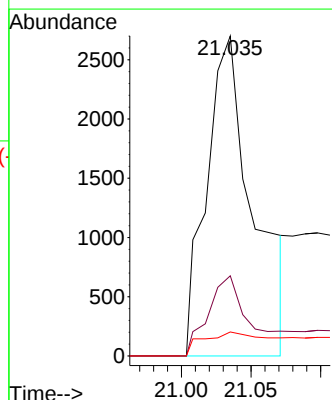
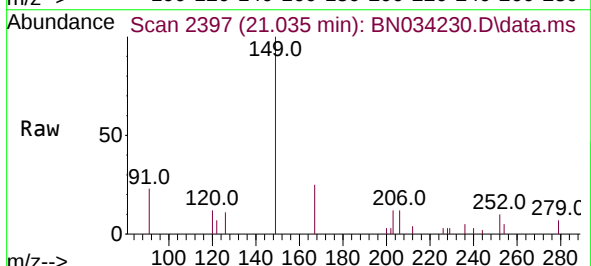
Tgt Ion:149 Resp: 5722

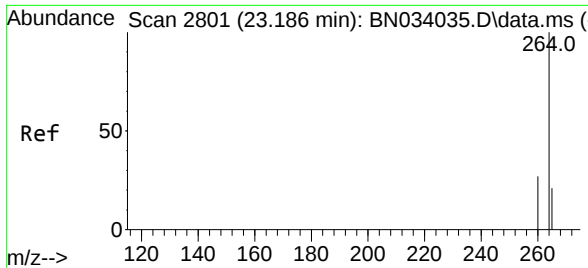
Ion Ratio Lower Upper

149 100

167 20.8 19.9 29.9

279 9.4 4.6 6.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.236 min Scan# 21
Delta R.T. 0.050 min
Lab File: BN034230.D
Acq: 25 Sep 2024 18:21

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D-20240919

Tgt Ion:264 Resp: 9391
Ion Ratio Lower Upper
264 100
260 26.5 21.7 32.5
265 132.1 52.1 78.1#

