

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034232.D
 Acq On : 25 Sep 2024 19:34
 Operator : RC/JU
 Sample : P4164-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW03D-20240919

Quant Time: Sep 26 00:38:43 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)

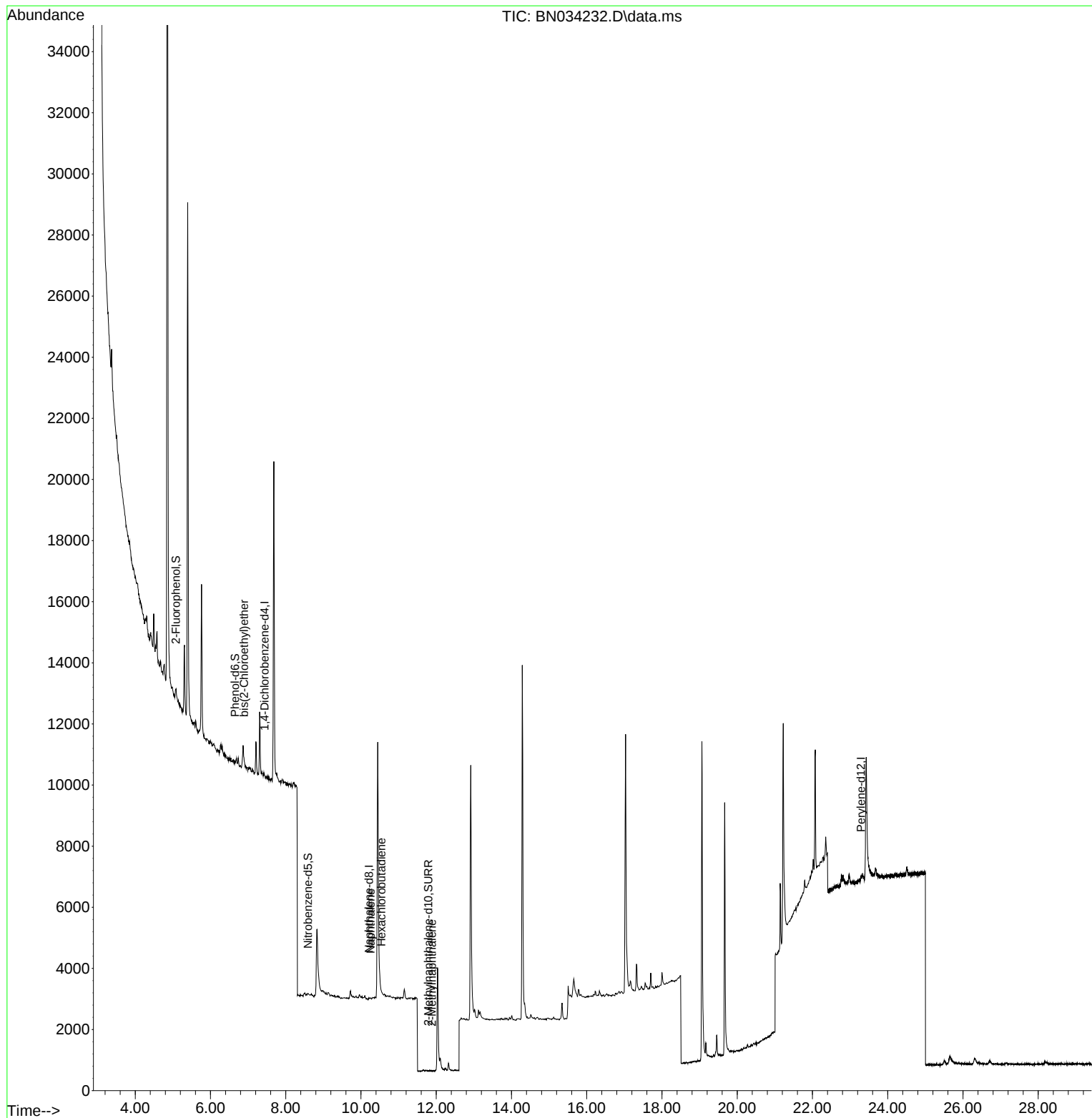
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	15	0.400	ng	# 0.00
7) Naphthalene-d8	10.212	136	4	0.400	ng	# 0.02
13) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.08
19) Phenanthrene-d10	0.000	188	0	0.000	ng	-16.84
29) Chrysene-d12	0.000	240	0	0.000	ng	-21.06
35) Perylene-d12	23.288	264	273	0.400	ng	# 0.10
System Monitoring Compounds						
4) 2-Fluorophenol	5.083	112	4	0.094	ng	0.00
5) Phenol-d6	6.651	99	11	0.222	ng	0.02
8) Nitrobenzene-d5	8.589	82	12	3.922	ng	0.02
11) 2-Methylnaphthalene-d10	11.791	152	4	0.677	ng	0.00
14) 2,4,6-Tribromophenol	15.617	330	10	0.000	ng	0.03
15) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
27) Fluoranthene-d10	18.894	212	2	0.000	ng	0.00
31) Terphenyl-d14	19.498	244	3	0.000	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	6.896	93	12	0.274	ng	# 17
9) Naphthalene	10.255	128	15	1.366	ng	# 1
10) Hexachlorobutadiene	10.543	225	5	2.417	ng	# 19
12) 2-Methylnaphthalene	11.886	142	4	0.560	ng	# 3

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

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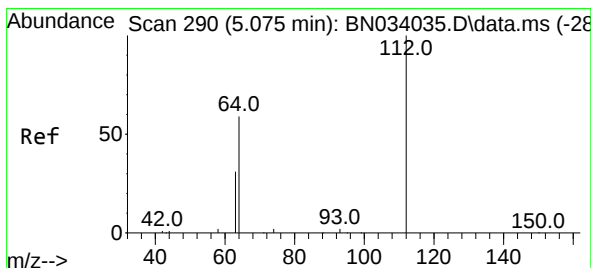
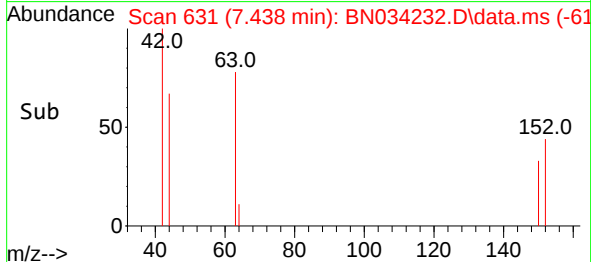
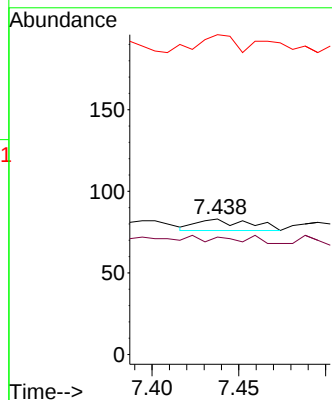
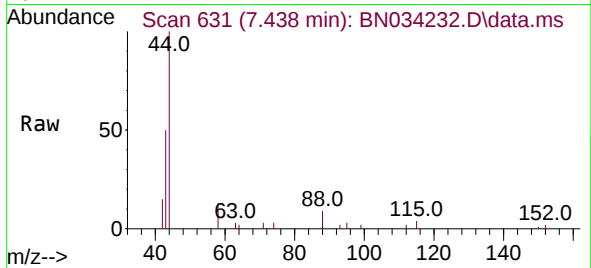




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.438 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN034232.D
Acq: 25 Sep 2024 19:34

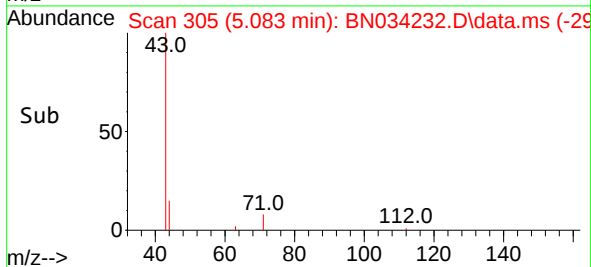
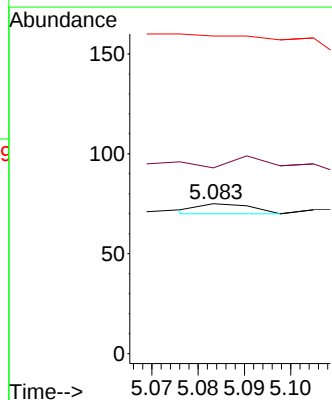
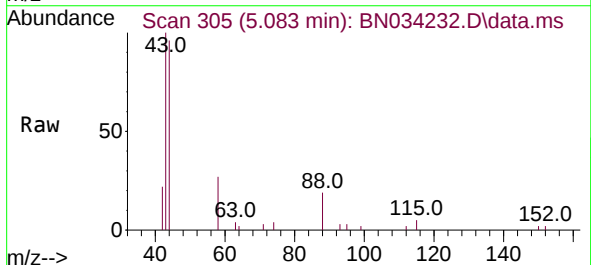
Instrument :
BNA_N
ClientSampleId :
RW8-MW03D-20240919

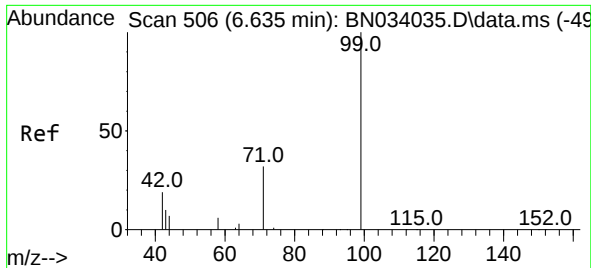
Tgt Ion:152 Resp: 15
Ion Ratio Lower Upper
152 100
150 86.7 124.6 187.0#
115 236.1 50.0 75.0#



#4
2-Fluorophenol
Concen: 0.094 ng
RT: 5.083 min Scan# 305
Delta R.T. 0.008 min
Lab File: BN034232.D
Acq: 25 Sep 2024 19:34

Tgt Ion:112 Resp: 4
Ion Ratio Lower Upper
112 100
64 150.0 48.6 72.8#
63 0.0 25.6 38.4#

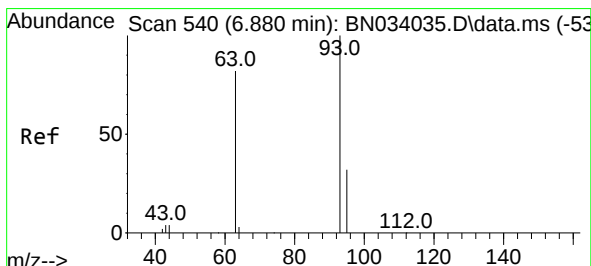
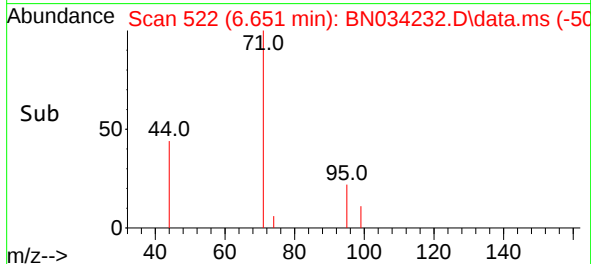
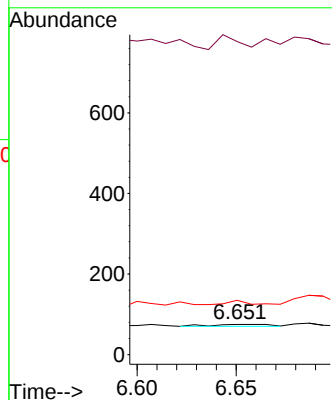
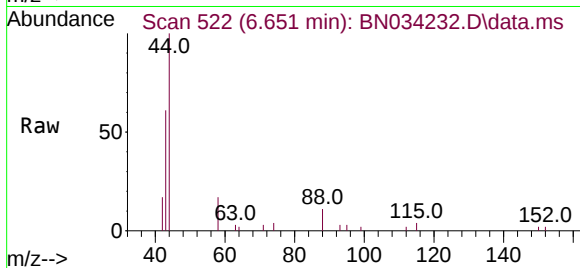




#5
Phenol-d6
Concen: 0.222 ng
RT: 6.651 min Scan# 511
Delta R.T. 0.016 min
Lab File: BN034232.D
Acq: 25 Sep 2024 19:34

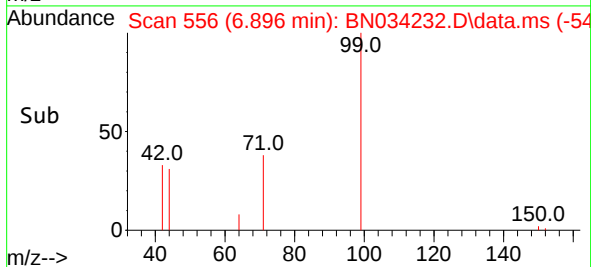
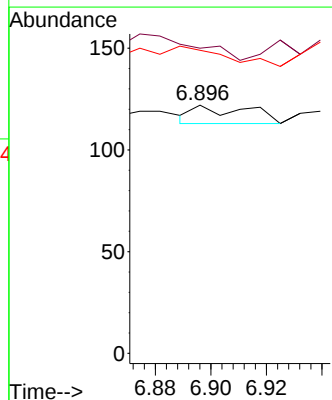
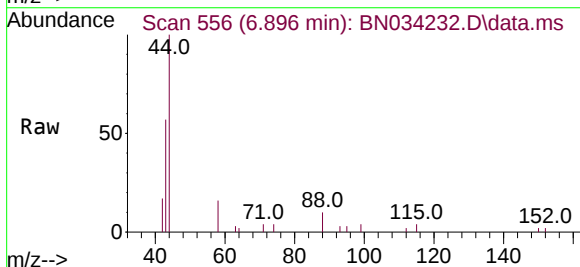
Instrument :
BNA_N
ClientSampleId :
RW8-MW03D-20240919

Tgt Ion: 99 Resp: 11
Ion Ratio Lower Upper
99 100
42 245.5 17.8 26.8#
71 63.6 26.2 39.2#



#6
bis(2-Chloroethyl)ether
Concen: 0.274 ng
RT: 6.896 min Scan# 556
Delta R.T. 0.016 min
Lab File: BN034232.D
Acq: 25 Sep 2024 19:34

Tgt Ion: 93 Resp: 12
Ion Ratio Lower Upper
93 100
63 0.0 67.3 100.9#
95 0.0 26.8 40.2#



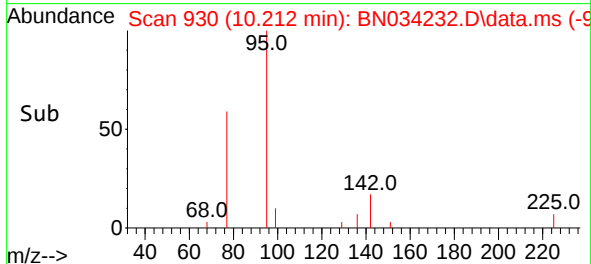
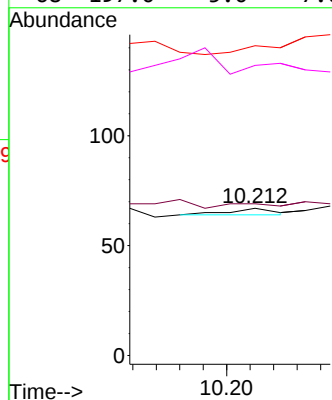
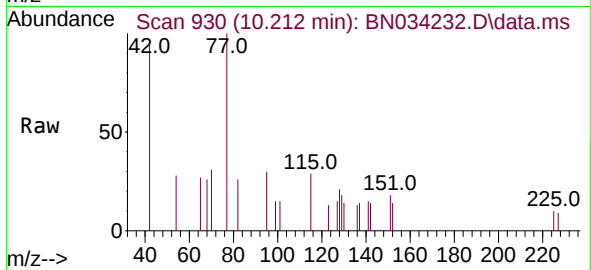


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.212 min Scan# 915
Delta R.T. 0.015 min
Lab File: BN034232.D
Acq: 25 Sep 2024 19:34

Instrument :
BNA_N
ClientSampleId :
RW8-MW03D-20240919

Tgt Ion:136 Resp: 4

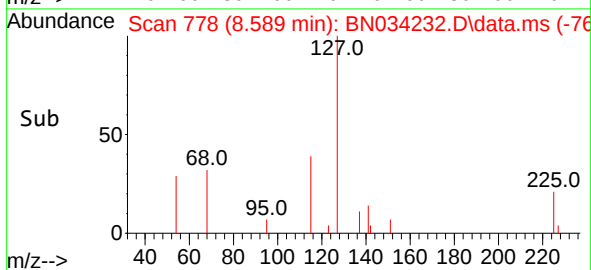
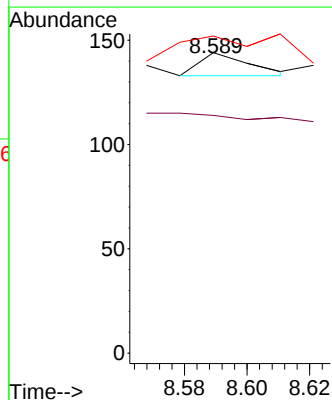
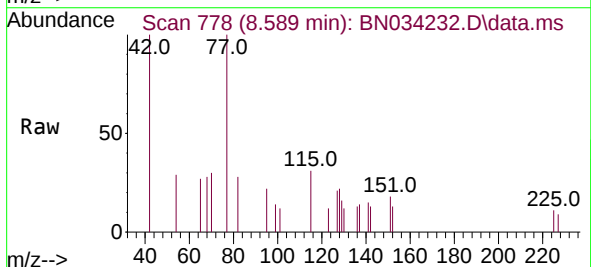
Ion	Ratio	Lower	Upper
136	100		
137	103.0	9.0	13.6#
54	210.4	6.8	10.2#
68	197.0	5.0	7.6#

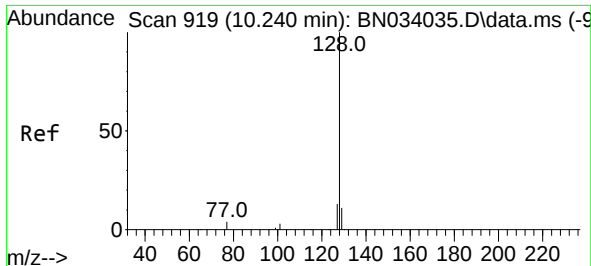


#8
Nitrobenzene-d5
Concen: 3.922 ng
RT: 8.589 min Scan# 778
Delta R.T. 0.015 min
Lab File: BN034232.D
Acq: 25 Sep 2024 19:34

Tgt Ion: 82 Resp: 12

Ion	Ratio	Lower	Upper
82	100		
128	79.2	31.4	47.2#
54	105.6	47.4	71.0#

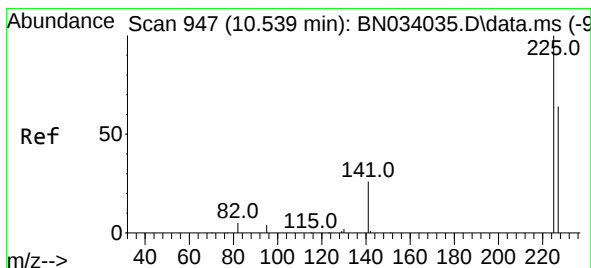
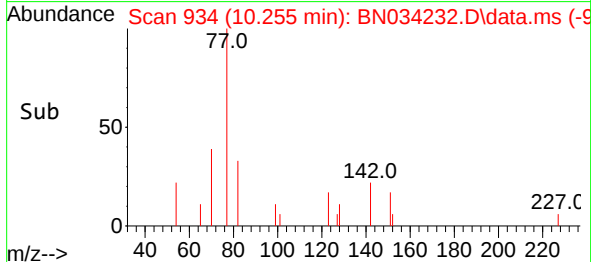
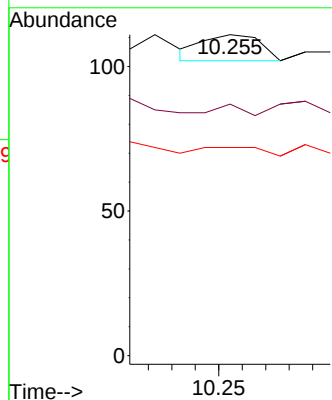
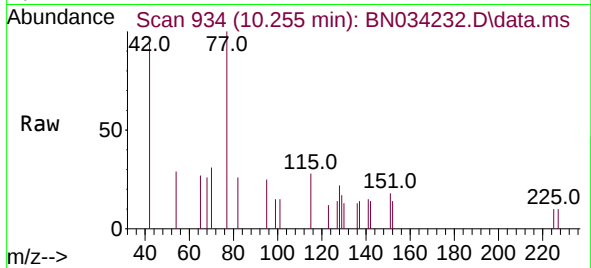




#9
Naphthalene
Concen: 1.366 ng
RT: 10.255 min Scan# 919
Delta R.T. 0.015 min
Lab File: BN034232.D
Acq: 25 Sep 2024 19:34

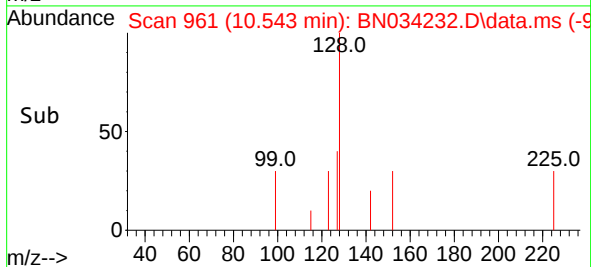
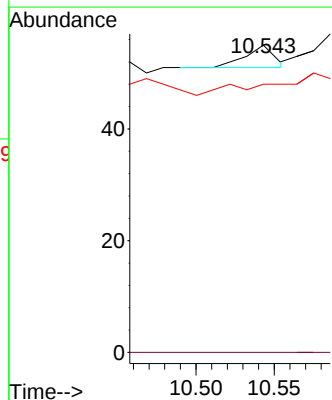
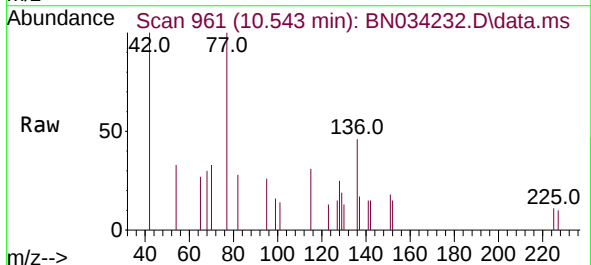
Instrument :
BNA_N
ClientSampleId :
RW8-MW03D-20240919

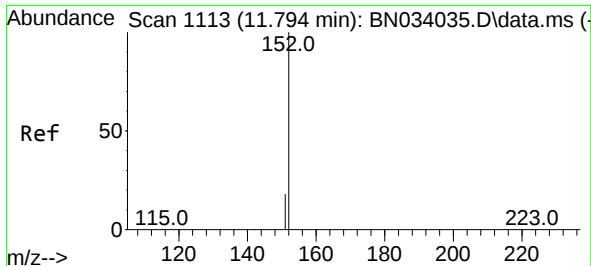
Tgt Ion:128 Resp: 15
Ion Ratio Lower Upper
128 100
129 78.4 9.2 13.8#
127 64.9 10.7 16.1#



#10
Hexachlorobutadiene
Concen: 2.417 ng
RT: 10.543 min Scan# 961
Delta R.T. 0.005 min
Lab File: BN034232.D
Acq: 25 Sep 2024 19:34

Tgt Ion:225 Resp: 5
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 0.0 50.5 75.7#





#11

2-Methylnaphthalene-d10

Concen: 0.677 ng

RT: 11.791 min Scan# 1113

Delta R.T. -0.002 min

Lab File: BN034232.D

Acq: 25 Sep 2024 19:34

Instrument :

BNA_N

ClientSampleId :

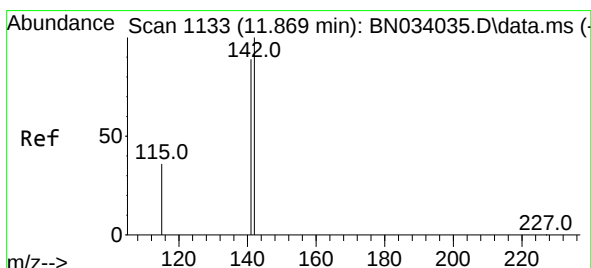
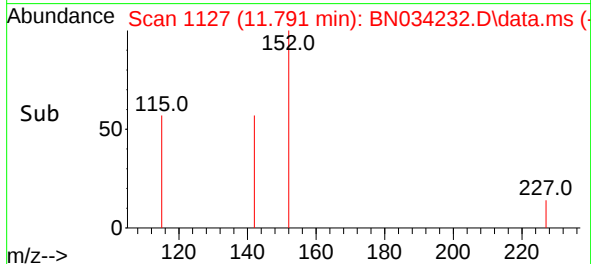
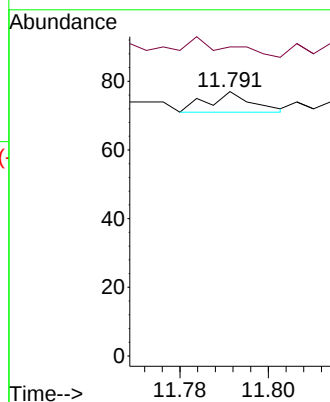
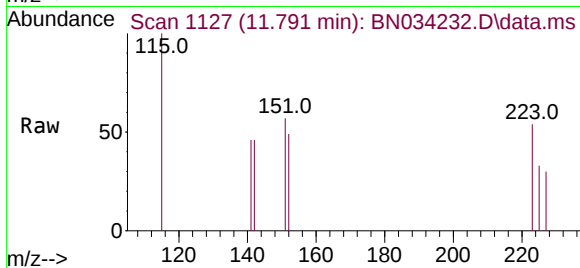
RW8-MW03D-20240919

Tgt Ion:152 Resp: 4

Ion Ratio Lower Upper

152 100

151 75.0 16.8 25.2#



#12

2-Methylnaphthalene

Concen: 0.560 ng

RT: 11.886 min Scan# 1152

Delta R.T. 0.017 min

Lab File: BN034232.D

Acq: 25 Sep 2024 19:34

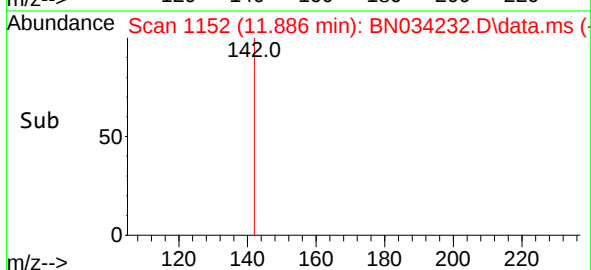
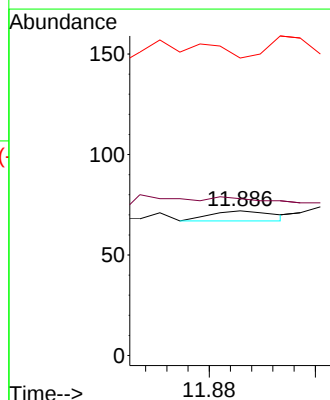
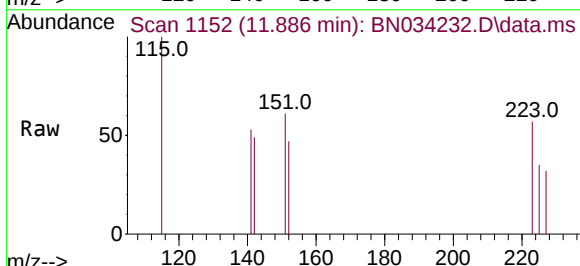
Tgt Ion:142 Resp: 4

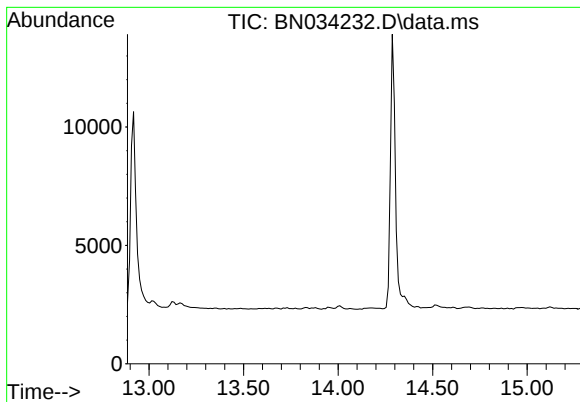
Ion Ratio Lower Upper

142 100

141 108.3 71.6 107.4#

115 205.6 30.0 45.0#



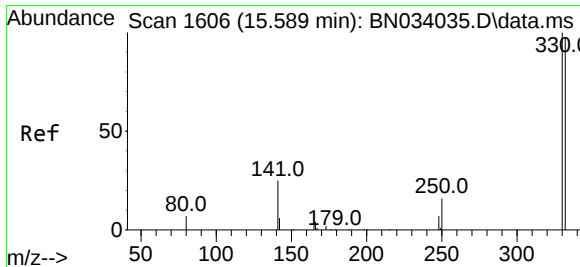
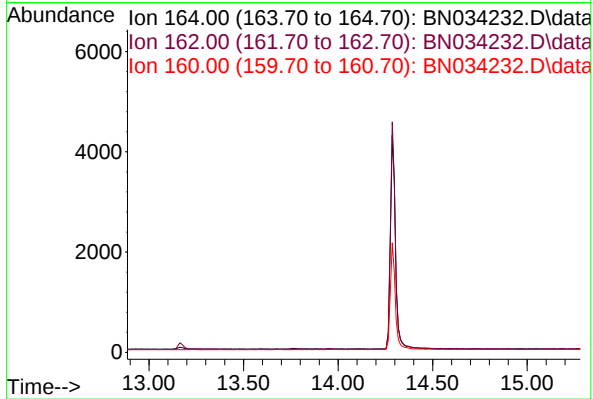


#13
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.08 min
 Lab File: BN034232.D
 Acq: 25 Sep 2024 19:34

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW03D-20240919

Tgt Ion: 164

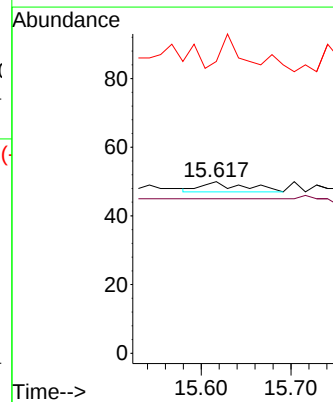
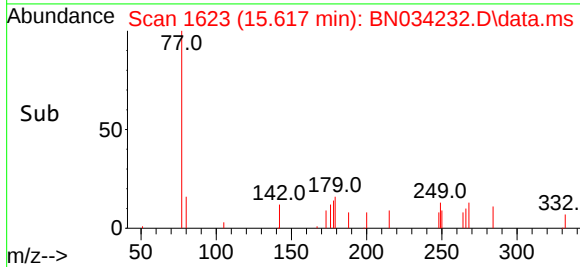
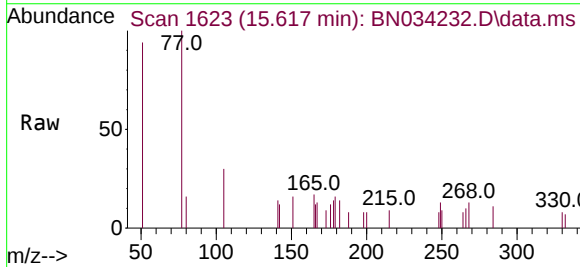
Sig	Exp Ratio
164	100
162	105.2
160	52.1

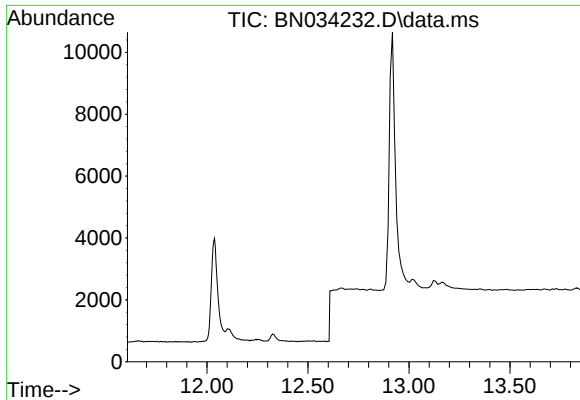


#14
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 RT: 15.617 min Scan# 1623
 Delta R.T. 0.028 min
 Lab File: BN034232.D
 Acq: 25 Sep 2024 19:34

Tgt Ion: 330 Resp: 10

Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.4	116.0#
141	130.0	35.9	53.9#



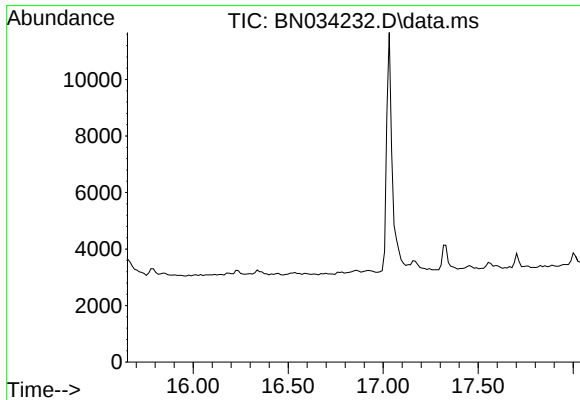
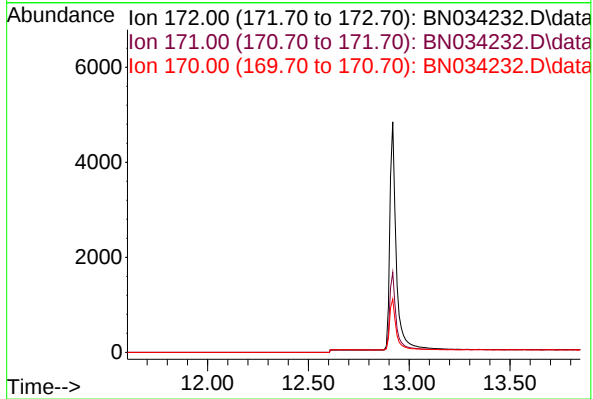


#15
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 12.70 min
 Lab File: BN034232.D
 Acq: 25 Sep 2024 19:34

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW03D-20240919

Tgt Ion: 172

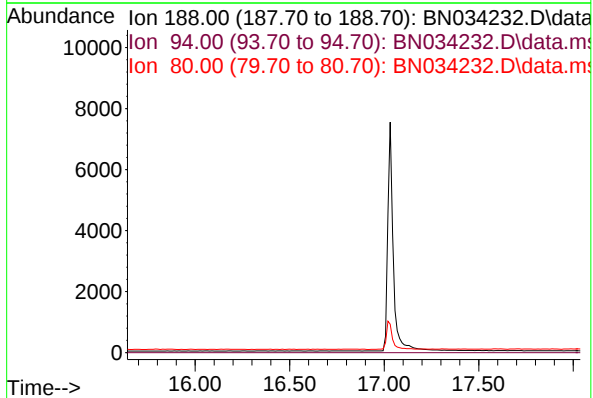
Sig	Exp Ratio
172	100
171	34.1
170	22.6

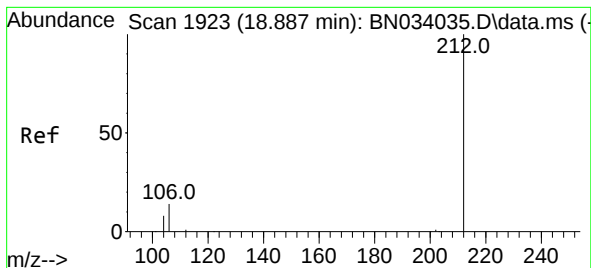


#19
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 16.84 min
 Lab File: BN034232.D
 Acq: 25 Sep 2024 19:34

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	0.0
80	9.2





#27

Fluoranthene-d10

Concen: 0.000 ng

RT: 18.894 min Scan# 19

Delta R.T. 0.008 min

Lab File: BN034232.D

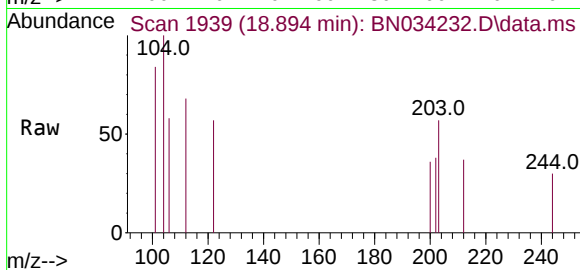
Acq: 25 Sep 2024 19:34

Instrument :

BNA_N

ClientSampleId :

RW8-MW03D-20240919



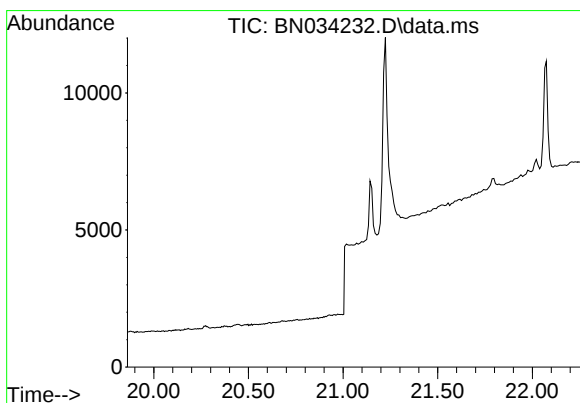
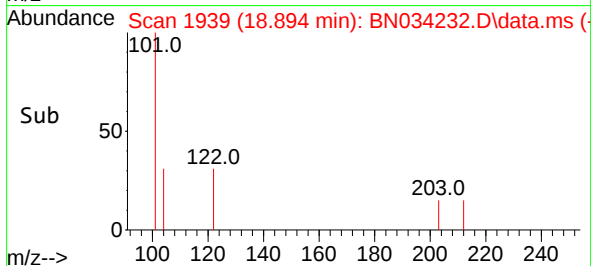
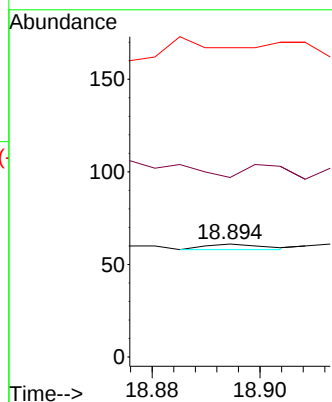
Tgt Ion: 212 Resp: 2

Ion Ratio Lower Upper

212 100

106 200.0 13.4 20.2#

104 200.0 7.8 11.6#



#29

Chrysene-d12

Concen: 0.000 ng

Expected RT: 21.06 min

Lab File: BN034232.D

Acq: 25 Sep 2024 19:34

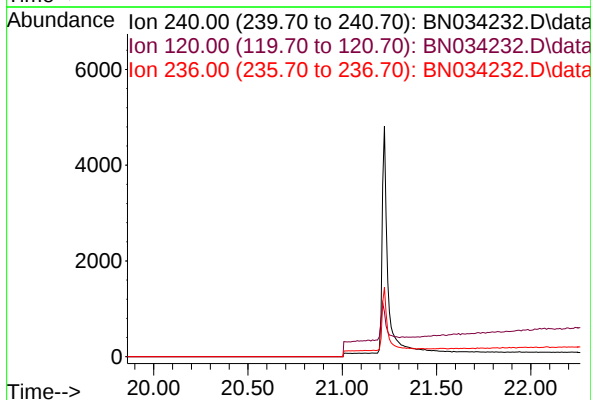
Tgt Ion: 240

Sig Exp Ratio

240 100

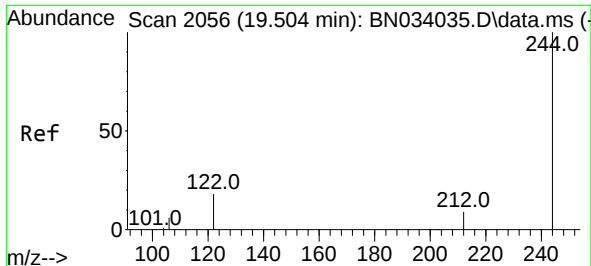
120 16.9

236 29.2



Ion 120.00 (119.70 to 120.70): BN034232.D\data.ms

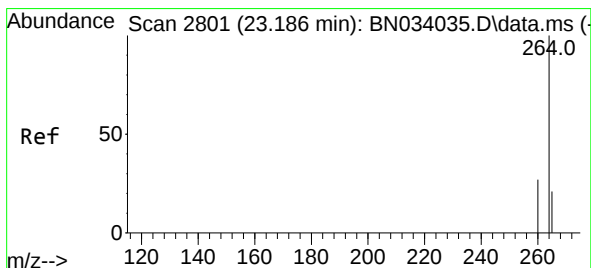
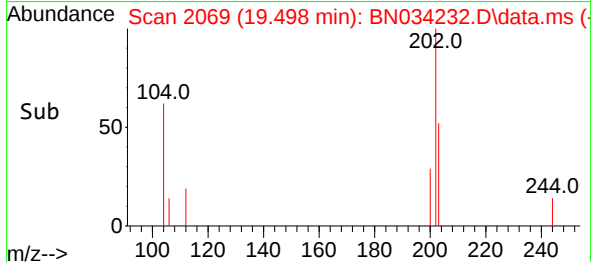
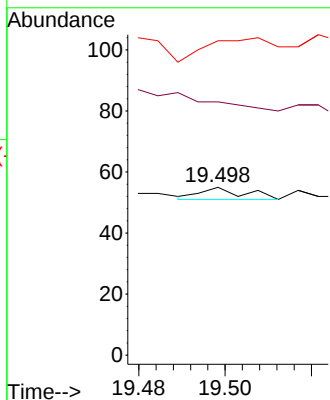
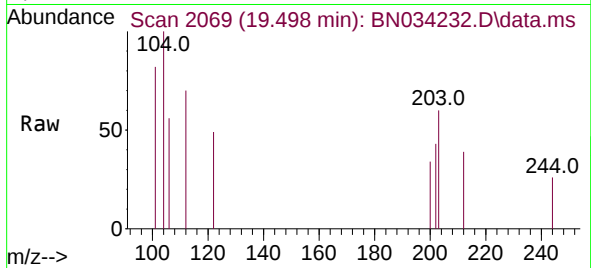
Ion 236.00 (235.70 to 236.70): BN034232.D\data.ms



#31
Terphenyl-d14
Concen: 0.000 ng
RT: 19.498 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BN034232.D
Acq: 25 Sep 2024 19:34

Instrument :
BNA_N
ClientSampleId :
RW8-MW03D-20240919

Tgt Ion:244 Resp: 3
Ion Ratio Lower Upper
244 100
212 150.9 7.8 11.6#
122 187.3 14.8 22.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.288 min Scan# 2852
Delta R.T. 0.102 min
Lab File: BN034232.D
Acq: 25 Sep 2024 19:34

Tgt Ion:264 Resp: 273
Ion Ratio Lower Upper
264 100
260 44.5 21.7 32.5#
265 2087.0 52.1 78.1#

