

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
 Data File : BN034555.D
 Acq On : 11 Oct 2024 15:11
 Operator : RC/JU
 Sample : P4282-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20241002

Quant Time: Oct 11 15:42:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

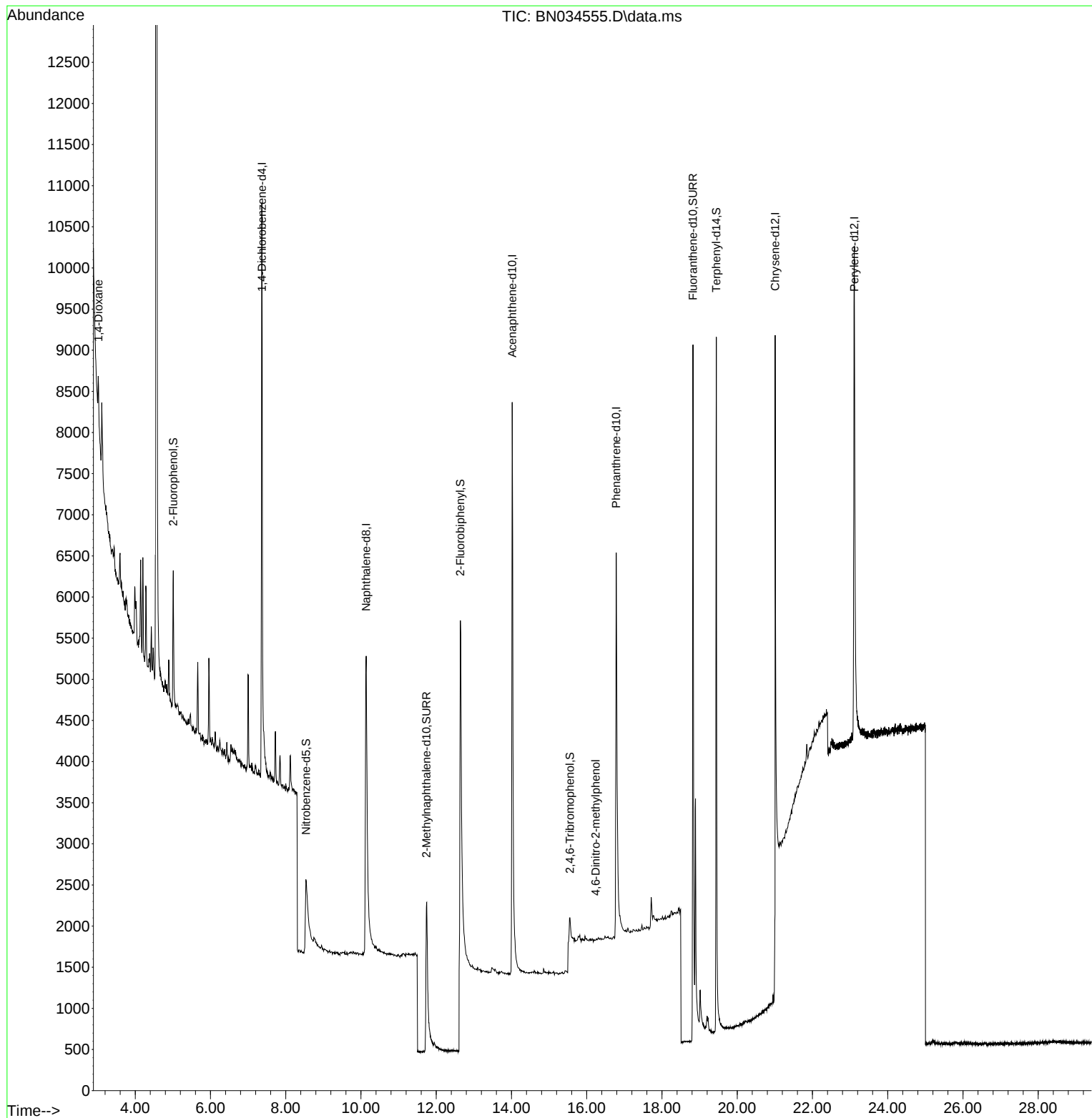
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.366	152	3890	0.400	ng	0.00
7) Naphthalene-d8	10.137	136	10037	0.400	ng	0.01
13) Acenaphthene-d10	14.019	164	5820	0.400	ng	0.00
19) Phenanthrene-d10	16.784	188	10479	0.400	ng	# 0.00
29) Chrysene-d12	21.008	240	6403	0.400	ng	0.00
35) Perylene-d12	23.110	264	9770	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	1362	0.123	ng	0.00
5) Phenol-d6	6.586	99	199	0.015	ng	0.01
8) Nitrobenzene-d5	8.536	82	1855	0.242	ng	0.02
11) 2-Methylnaphthalene-d10	11.742	152	5011	0.338	ng	0.02
14) 2,4,6-Tribromophenol	15.555	330	352	0.133	ng	0.02
15) 2-Fluorobiphenyl	12.640	172	7599	0.321	ng	0.00
27) Fluoranthene-d10	18.825	212	11831	0.447	ng	0.00
31) Terphenyl-d14	19.443	244	9331	0.730	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	355	0.073	ng	# 36
20) 4,6-Dinitro-2-methylph...	16.237	198	3	0.139	ng	# 1

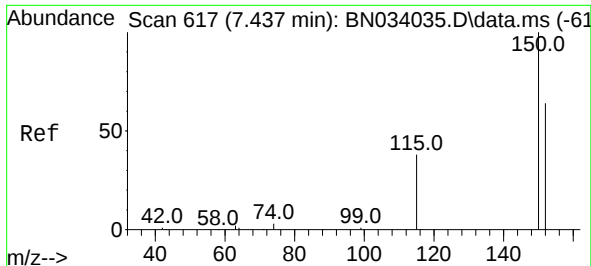
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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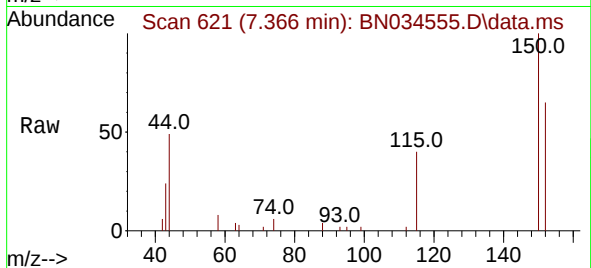
Quant Time: Oct 11 15:42:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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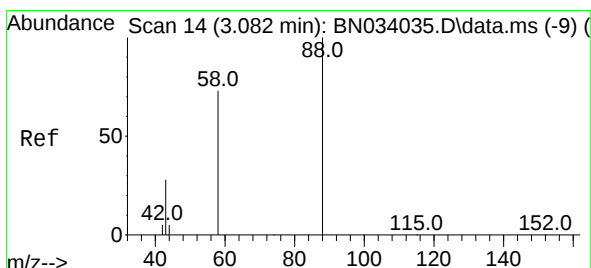
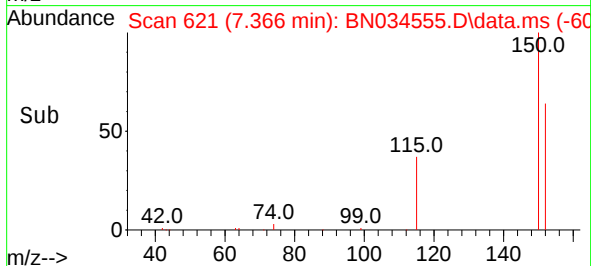
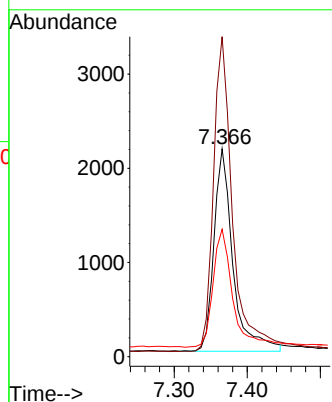


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.366 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034555.D
Acq: 11 Oct 2024 15:11

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20241002

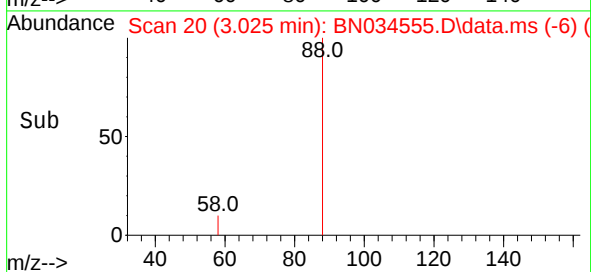
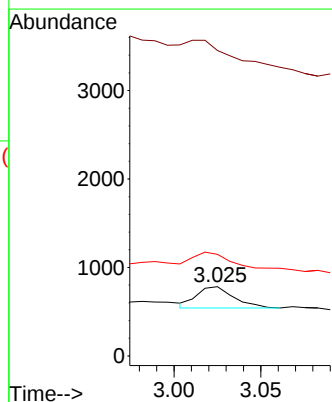
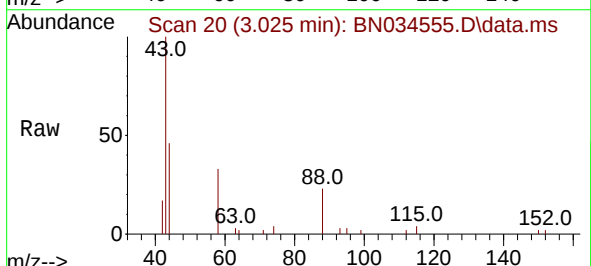


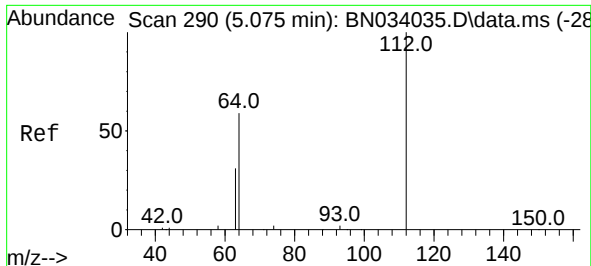
Tgt Ion:152 Resp: 3890
Ion Ratio Lower Upper
152 100
150 153.9 124.6 187.0
115 61.3 50.0 75.0



#2
1,4-Dioxane
Concen: 0.073 ng
RT: 3.025 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN034555.D
Acq: 11 Oct 2024 15:11

Tgt Ion: 88 Resp: 355
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 129.3 58.8 88.2#





#4

2-Fluorophenol

Concen: 0.123 ng

RT: 5.011 min Scan# 20

Delta R.T. 0.000 min

Lab File: BN034555.D

Acq: 11 Oct 2024 15:11

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20241002

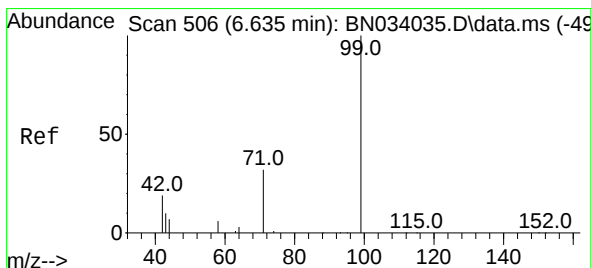
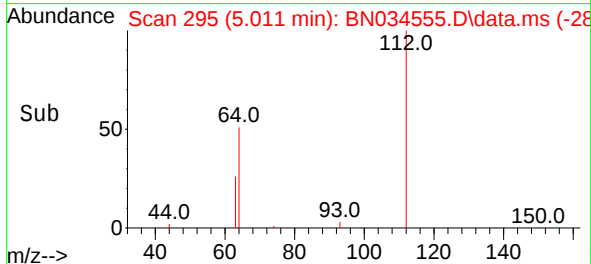
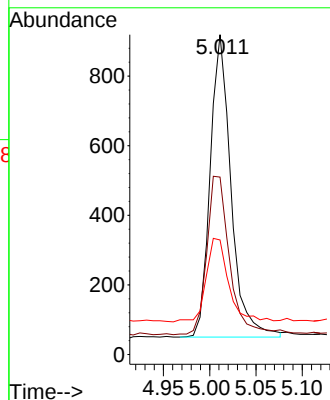
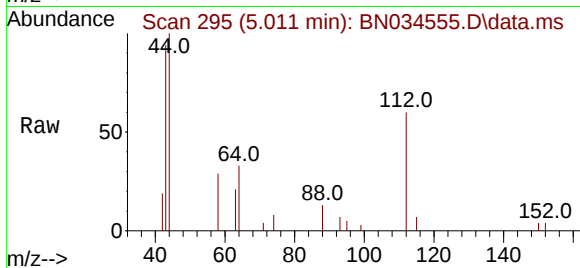
Tgt Ion:112 Resp: 1362

Ion Ratio Lower Upper

112 100

64 56.9 48.6 72.8

63 29.5 25.6 38.4



#5

Phenol-d6

Concen: 0.015 ng

RT: 6.586 min Scan# 513

Delta R.T. 0.014 min

Lab File: BN034555.D

Acq: 11 Oct 2024 15:11

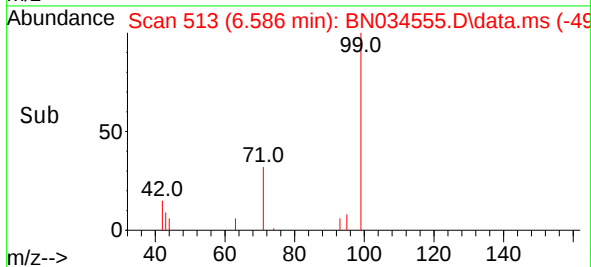
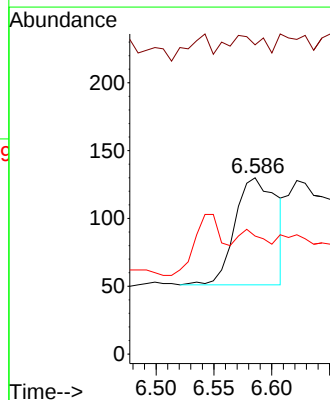
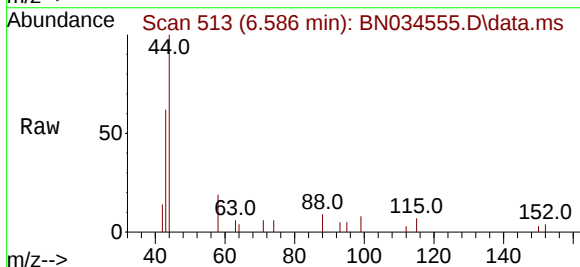
Tgt Ion: 99 Resp: 199

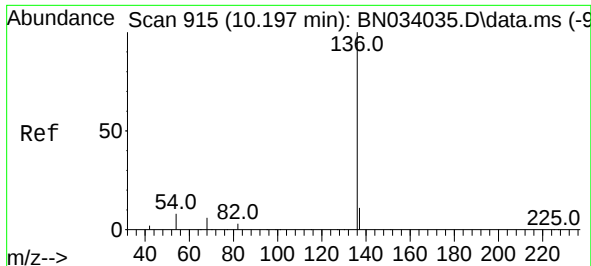
Ion Ratio Lower Upper

99 100

42 15.6 17.8 26.8#

71 12.1 26.2 39.2#

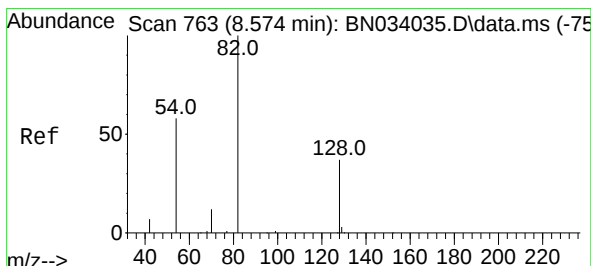
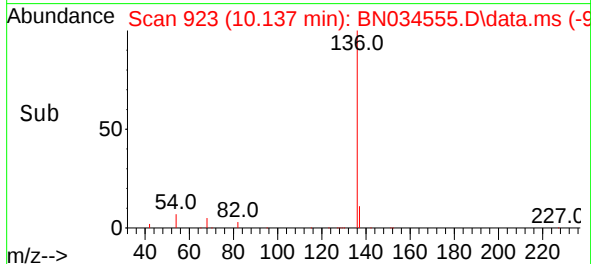
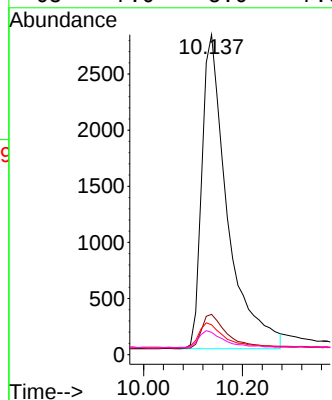
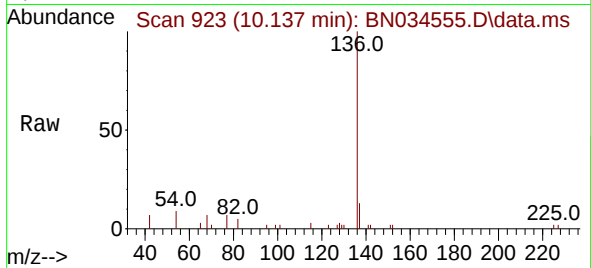




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034555.D
Acq: 11 Oct 2024 15:11

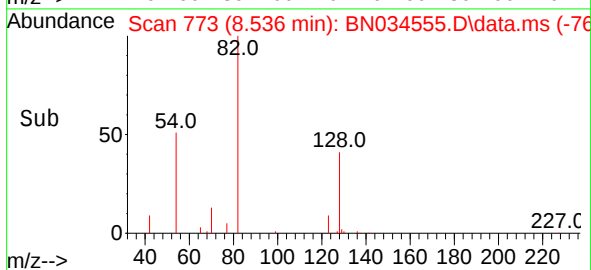
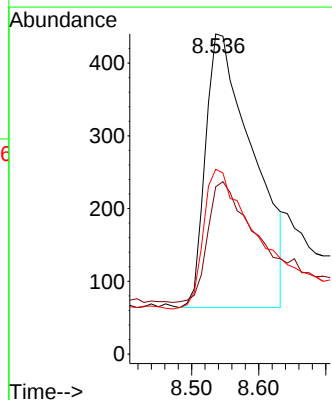
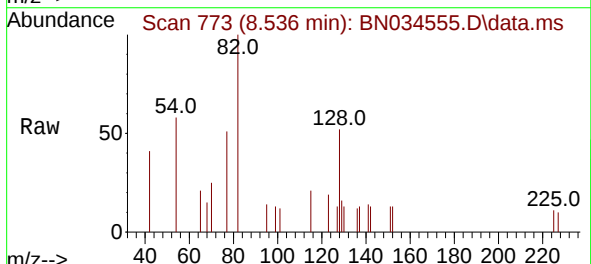
Instrument :
BNA_N
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RW7-SP302-20241002

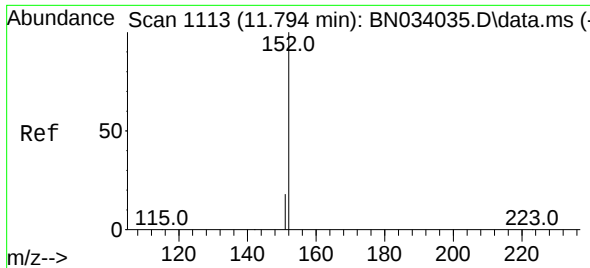
Tgt Ion:	136	Resp:	10037
Ion Ratio	Lower	Upper	
136	100		
137	12.6	9.0	13.6
54	9.3	6.8	10.2
68	7.0	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.242 ng
RT: 8.536 min Scan# 773
Delta R.T. 0.021 min
Lab File: BN034555.D
Acq: 11 Oct 2024 15:11

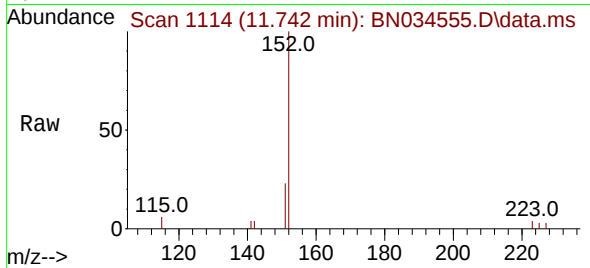
Tgt Ion:	82	Resp:	1855
Ion Ratio	Lower	Upper	
82	100		
128	52.3	31.4	47.2#
54	57.7	47.4	71.0



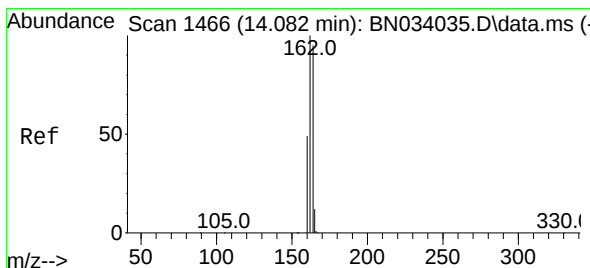
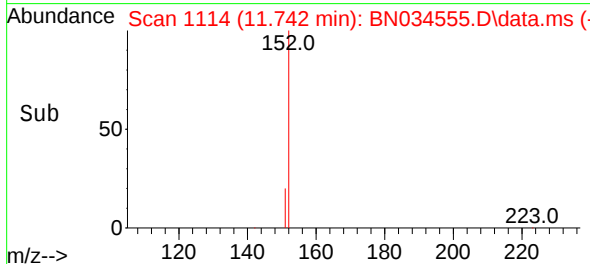
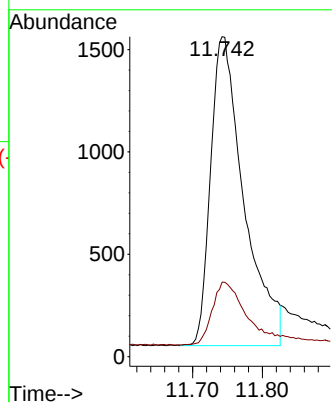


#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 11.742 min Scan# 1114
Delta R.T. 0.015 min
Lab File: BN034555.D
Acq: 11 Oct 2024 15:11

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20241002

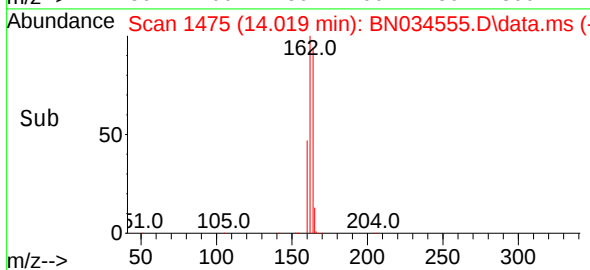
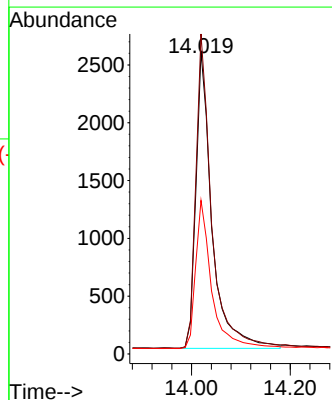
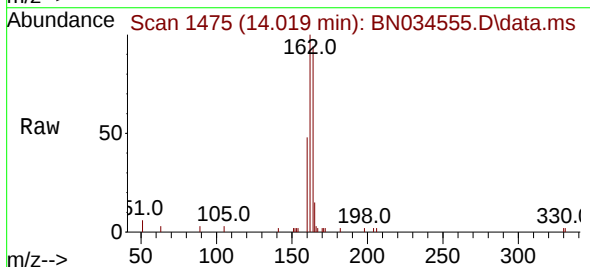


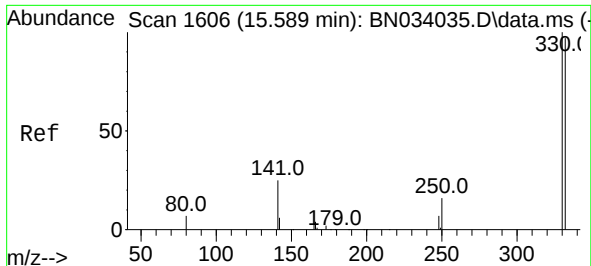
Tgt Ion:152 Resp: 5011
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 1475
Delta R.T. 0.004 min
Lab File: BN034555.D
Acq: 11 Oct 2024 15:11

Tgt Ion:164 Resp: 5820
Ion Ratio Lower Upper
164 100
162 105.9 84.2 126.2
160 50.8 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.133 ng

RT: 15.555 min Scan# 1

Delta R.T. 0.018 min

Lab File: BN034555.D

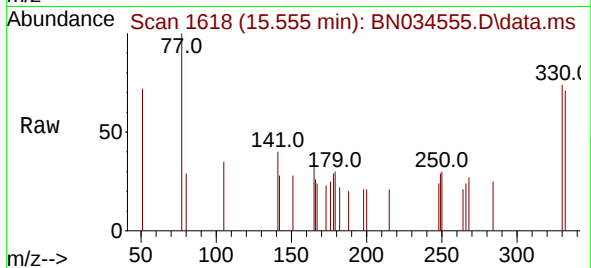
Acq: 11 Oct 2024 15:11

Instrument :

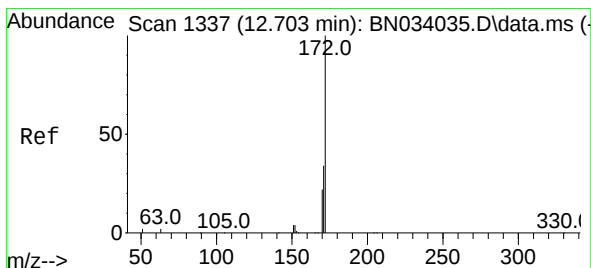
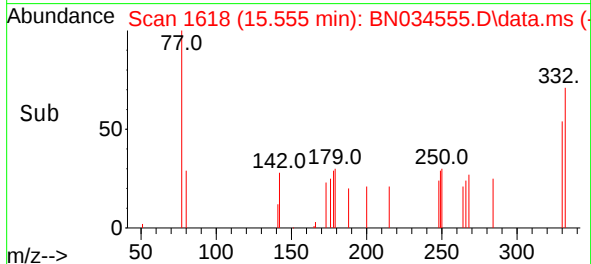
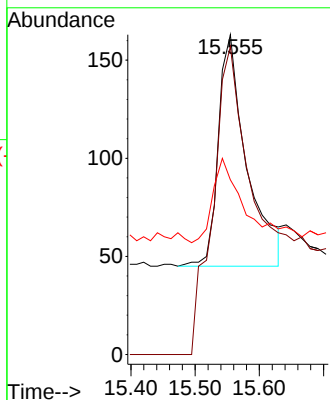
BNA_N

ClientSampleId :

RW7-SP302-20241002



Tgt Ion:	330	Resp:	352
Ion Ratio	Lower	Upper	
330	100		
332	211.1	77.4	116.0#
141	39.5	35.9	53.9



#15

2-Fluorobiphenyl

Concen: 0.321 ng

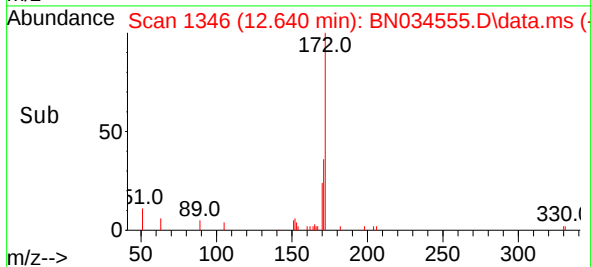
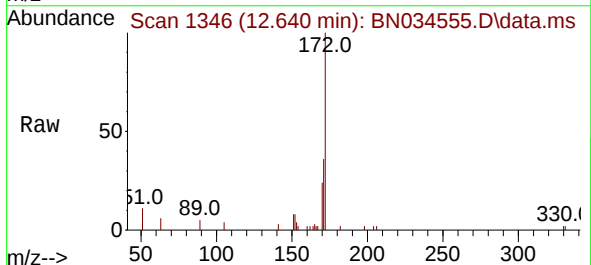
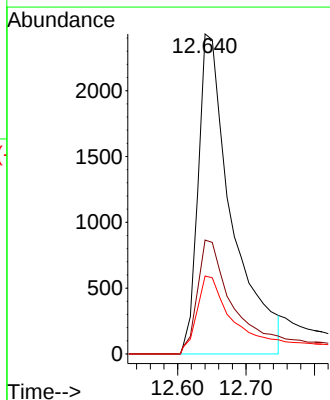
RT: 12.640 min Scan# 1346

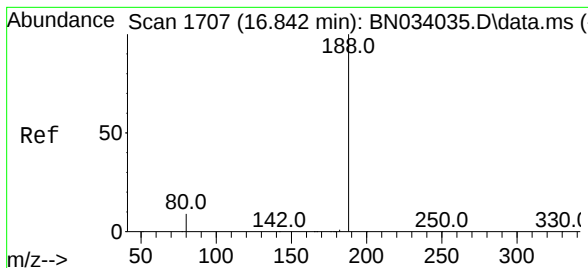
Delta R.T. 0.004 min

Lab File: BN034555.D

Acq: 11 Oct 2024 15:11

Tgt Ion:	172	Resp:	7599
Ion Ratio	Lower	Upper	
172	100		
171	35.6	27.3	40.9
170	24.4	18.1	27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.784 min Scan# 1

Delta R.T. 0.006 min

Lab File: BN034555.D

Acq: 11 Oct 2024 15:11

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20241002

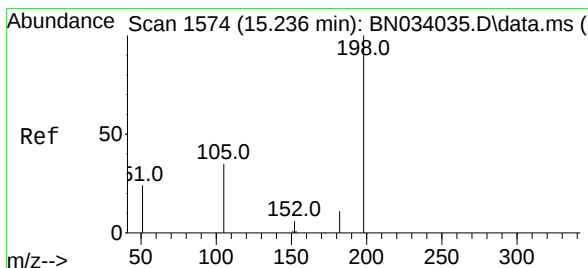
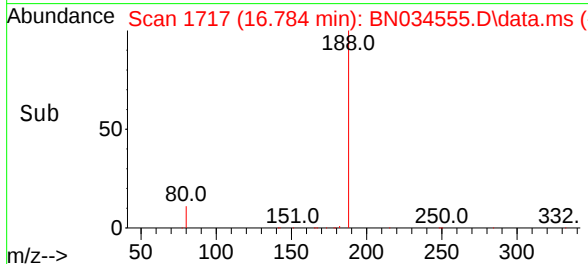
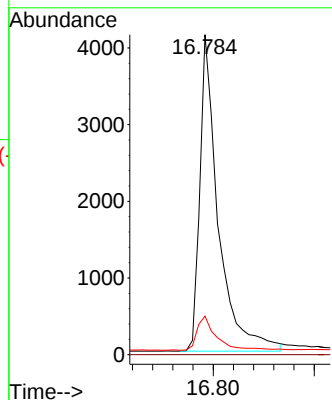
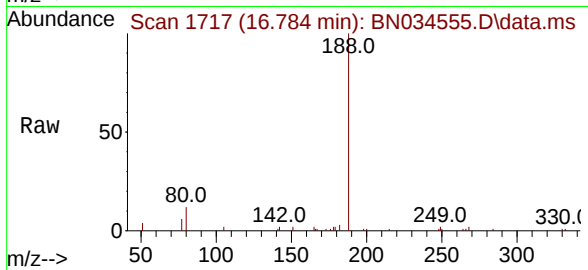
Tgt Ion:188 Resp: 10479

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.1 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 16.237 min Scan# 1673

Delta R.T. -0.044 min

Lab File: BN034555.D

Acq: 11 Oct 2024 15:11

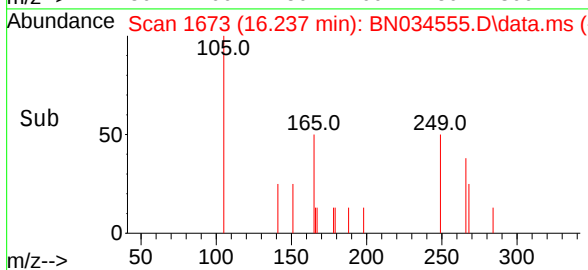
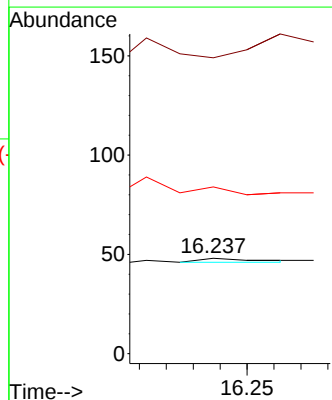
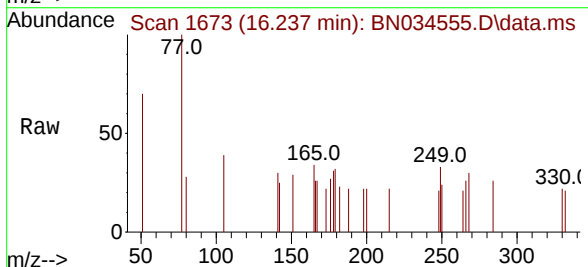
Tgt Ion:198 Resp: 3

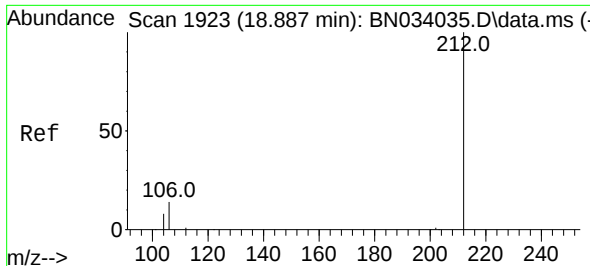
Ion Ratio Lower Upper

198 100

51 310.4 106.4 159.6#

105 175.0 38.5 57.7#

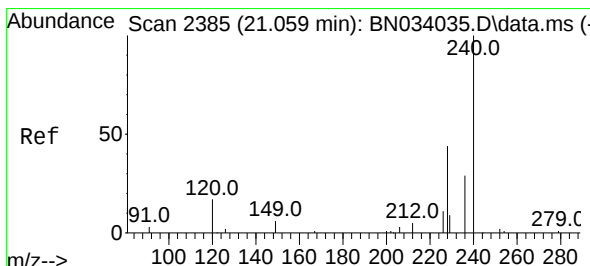
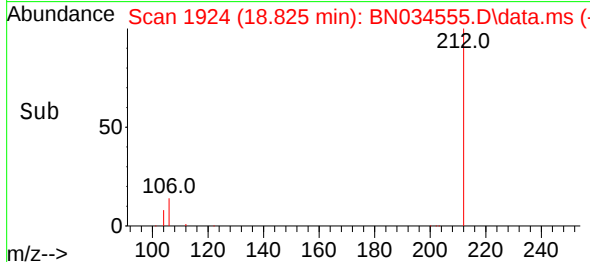
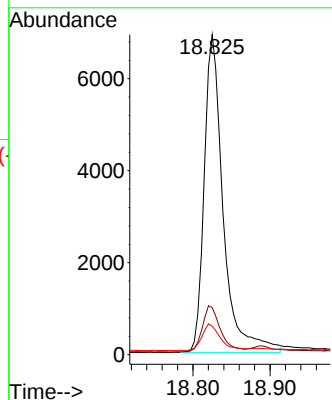
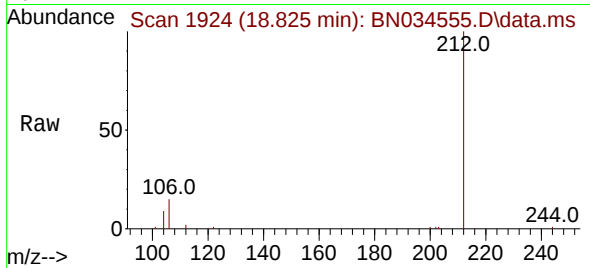




#27
Fluoranthene-d10
Concen: 0.447 ng
RT: 18.825 min Scan# 11
Delta R.T. -0.002 min
Lab File: BN034555.D
Acq: 11 Oct 2024 15:11

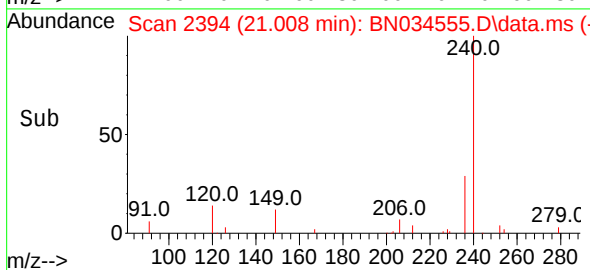
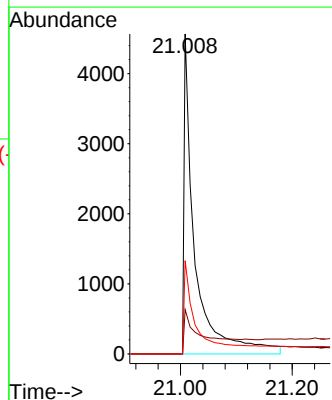
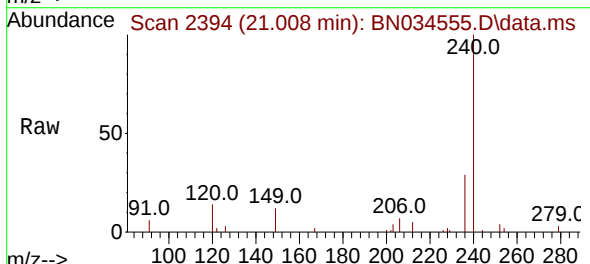
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20241002

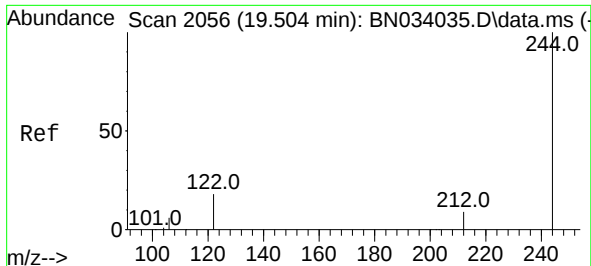
Tgt Ion:212 Resp: 11831
Ion Ratio Lower Upper
212 100
106 13.9 13.4 20.2
104 8.2 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.002 min
Lab File: BN034555.D
Acq: 11 Oct 2024 15:11

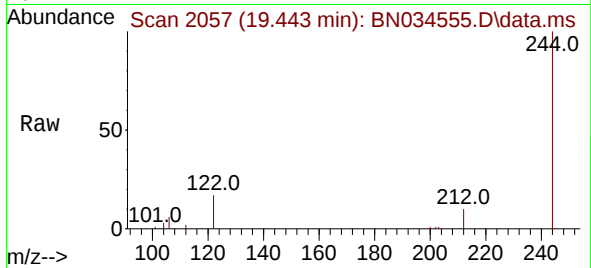
Tgt Ion:240 Resp: 6403
Ion Ratio Lower Upper
240 100
120 13.8 13.5 20.3
236 29.1 23.4 35.0



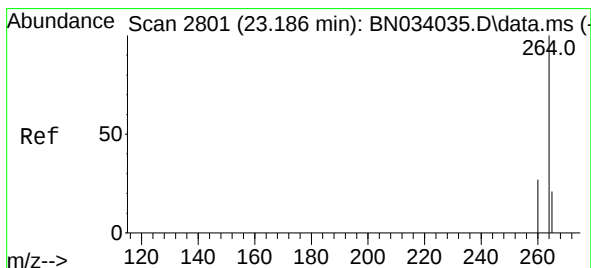
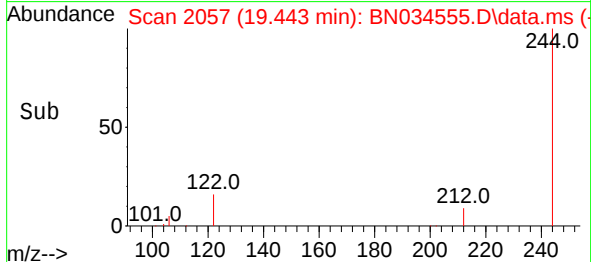
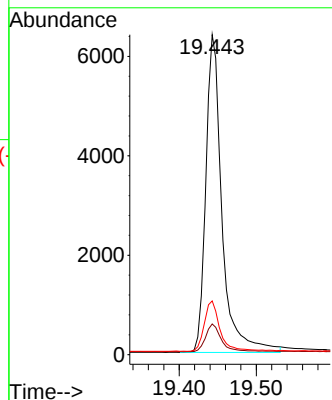


#31
Terphenyl-d14
Concen: 0.730 ng
RT: 19.443 min Scan# 2057
Delta R.T. -0.007 min
Lab File: BN034555.D
Acq: 11 Oct 2024 15:11

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20241002



Tgt Ion:244 Resp: 9331
Ion Ratio Lower Upper
244 100
212 9.6 7.8 11.6
122 16.8 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.110 min Scan# 2791
Delta R.T. -0.004 min
Lab File: BN034555.D
Acq: 11 Oct 2024 15:11

Tgt Ion:264 Resp: 9770
Ion Ratio Lower Upper
264 100
260 26.6 21.7 32.5
265 84.0 52.1 78.1#

