

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
 Data File : BN034557.D
 Acq On : 11 Oct 2024 16:23
 Operator : RC/JU
 Sample : P4282-01DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20241002DL

Quant Time: Oct 11 17:27:47 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)

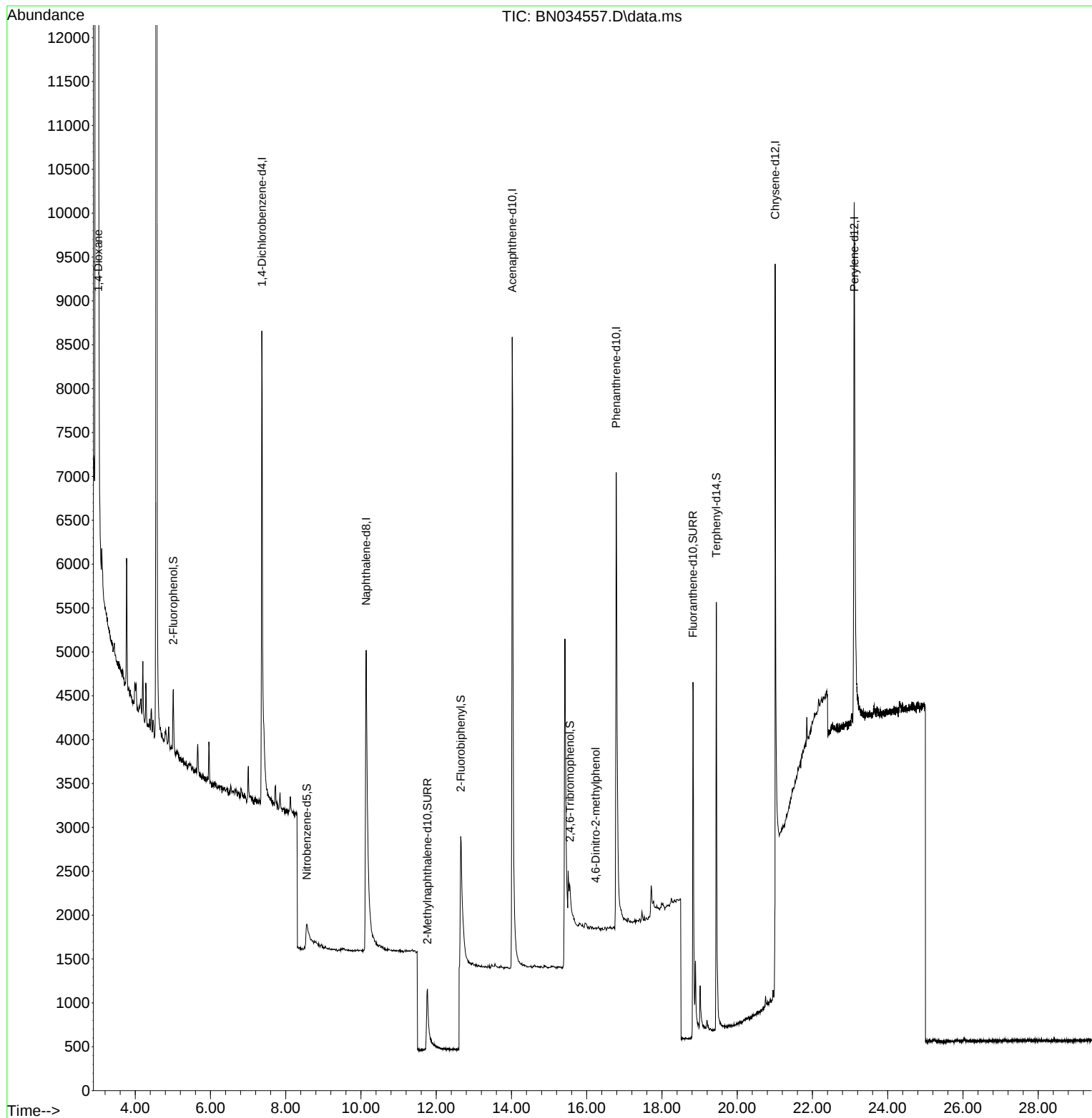
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.365	152	3752	0.400	ng	0.00
7) Naphthalene-d8	10.137	136	10492	0.400	ng	0.01
13) Acenaphthene-d10	14.019	164	6659	0.400	ng	0.00
19) Phenanthrene-d10	16.783	188	12028	0.400	ng	# 0.00
29) Chrysene-d12	21.008	240	6979	0.400	ng	0.00
35) Perylene-d12	23.110	264	10316	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	645	0.061	ng	0.00
5) Phenol-d6	6.535	99	3	0.000	ng	-0.04
8) Nitrobenzene-d5	8.557	82	631	0.079	ng	0.04
11) 2-Methylnaphthalene-d10	11.765	152	1988	0.128	ng	0.04
14) 2,4,6-Tribromophenol	15.555	330	298	0.099	ng	0.02
15) 2-Fluorobiphenyl	12.651	172	3395	0.125	ng	0.01
27) Fluoranthene-d10	18.825	212	6100	0.201	ng	0.00
31) Terphenyl-d14	19.443	244	5726	0.411	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.018	88	13245	2.824	ng	99
20) 4,6-Dinitro-2-methylph...	16.237	198	12	0.143	ng	# 1

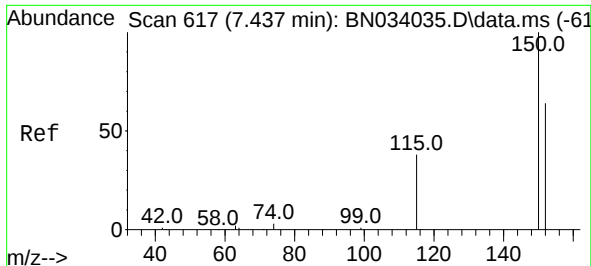
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
Data File : BN034557.D
Acq On : 11 Oct 2024 16:23
Operator : RC/JU
Sample : P4282-01DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL

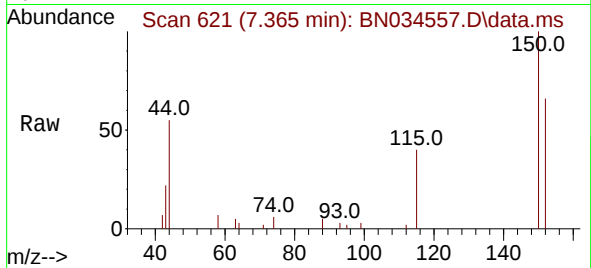
Quant Time: Oct 11 17:27:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration



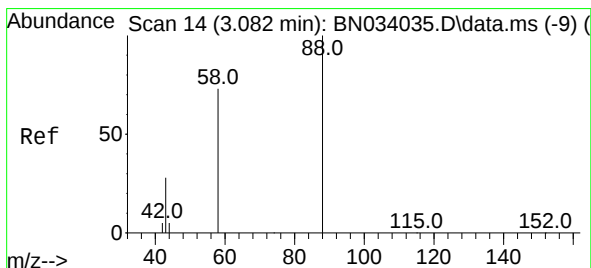
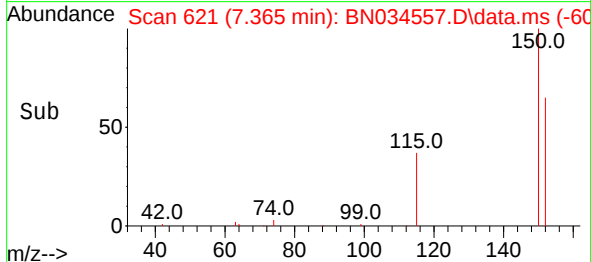
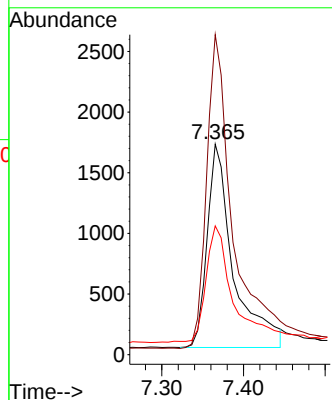


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.365 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL

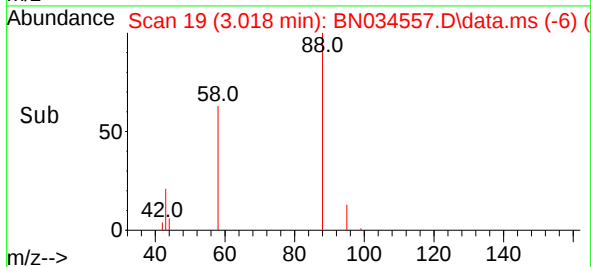
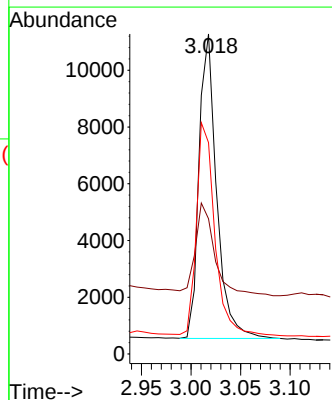
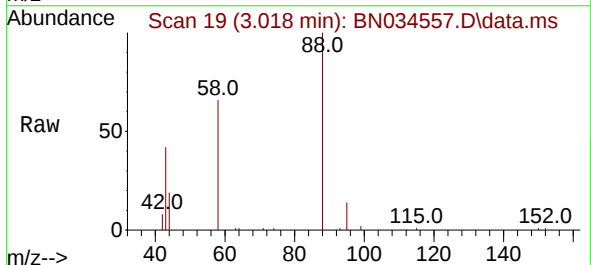


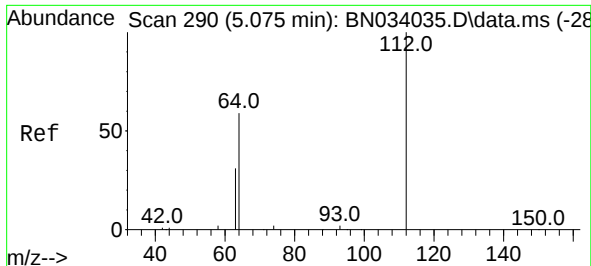
Tgt Ion:152 Resp: 3752
Ion Ratio Lower Upper
152 100
150 152.0 124.6 187.0
115 61.2 50.0 75.0



#2
1,4-Dioxane
Concen: 2.824 ng
RT: 3.018 min Scan# 19
Delta R.T. -0.007 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

Tgt Ion: 88 Resp: 13245
Ion Ratio Lower Upper
88 100
43 33.4 25.8 38.8
58 73.0 58.8 88.2

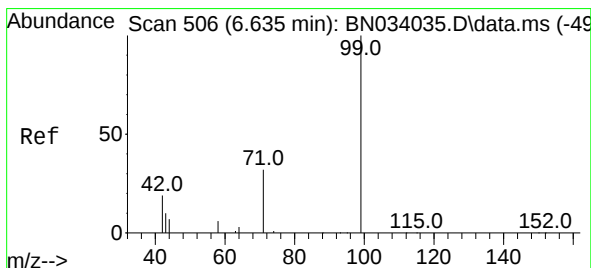
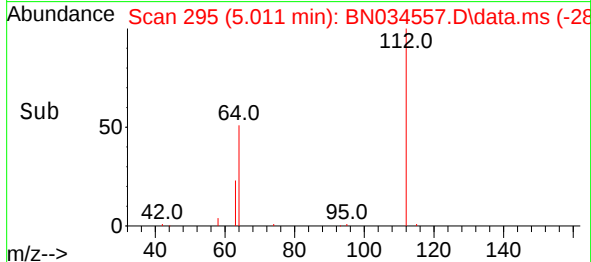
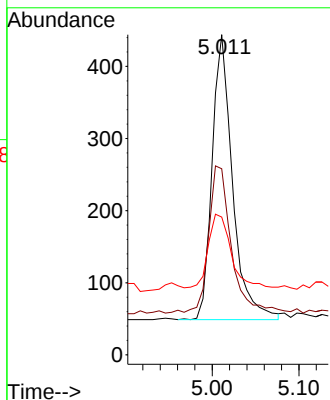
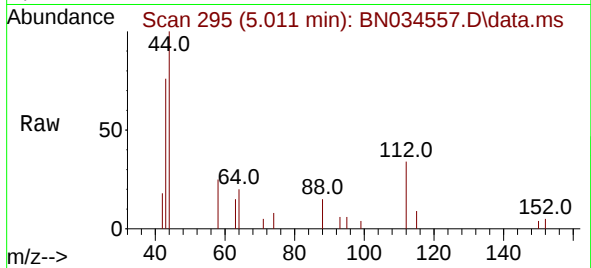




#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.011 min Scan# 290
Delta R.T. -0.000 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

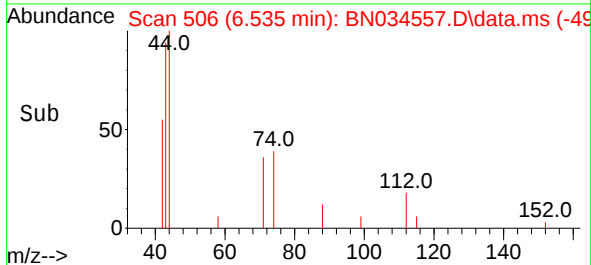
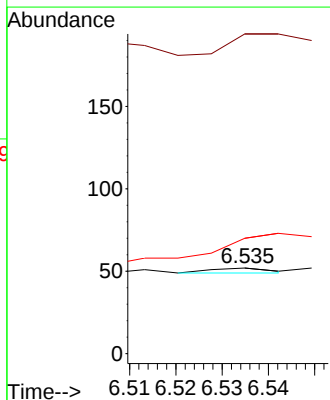
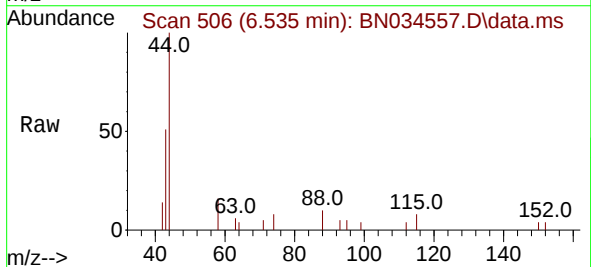
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL

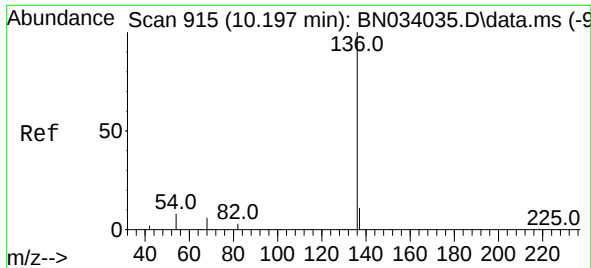
Tgt Ion:112 Resp: 645
Ion Ratio Lower Upper
112 100
64 57.2 48.6 72.8
63 29.3 25.6 38.4



#5
Phenol-d6
Concen: 0.000 ng
RT: 6.535 min Scan# 506
Delta R.T. -0.036 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

Tgt Ion: 99 Resp: 3
Ion Ratio Lower Upper
99 100
42 600.0 17.8 26.8#
71 1266.7 26.2 39.2#

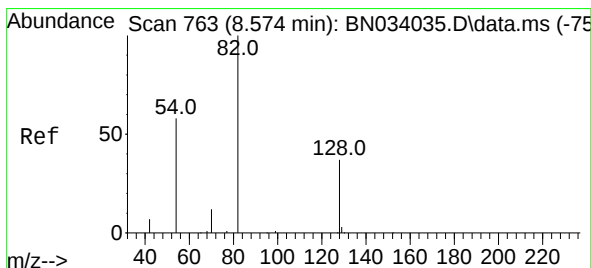
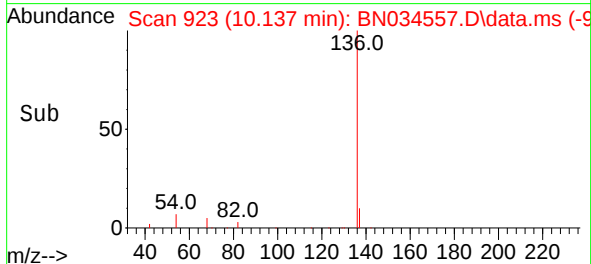
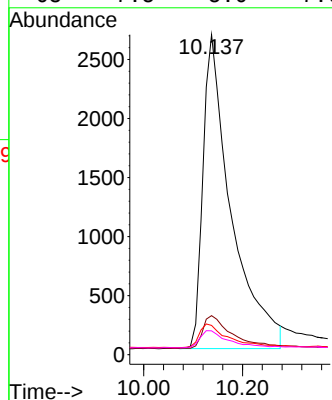
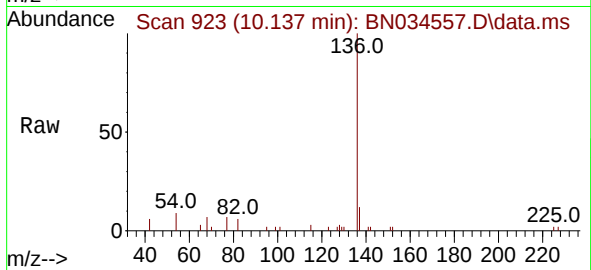




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

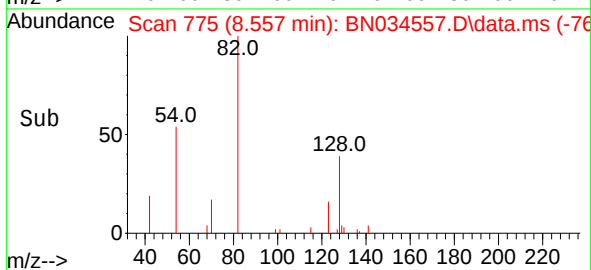
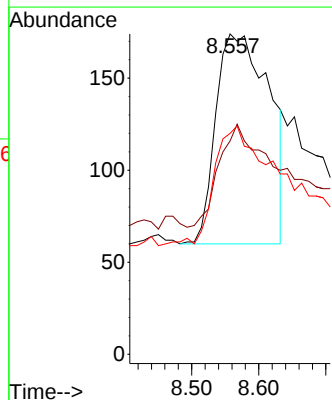
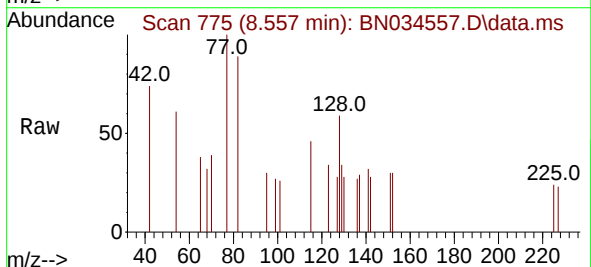
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL

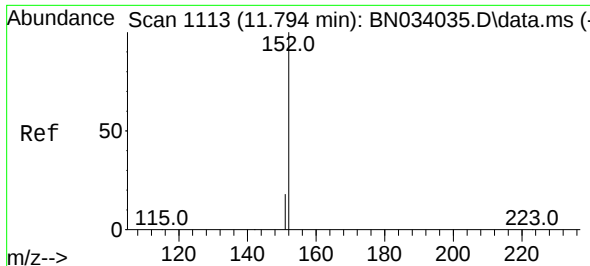
Tgt Ion:136	Resp:	10492
Ion	Ratio	Lower Upper
136	100	
137	12.2	9.0 13.6
54	9.2	6.8 10.2
68	7.5	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.079 ng
RT: 8.557 min Scan# 775
Delta R.T. 0.043 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

Tgt Ion: 82	Resp:	631
Ion	Ratio	Lower Upper
82	100	
128	66.7	31.4 47.2#
54	69.0	47.4 71.0

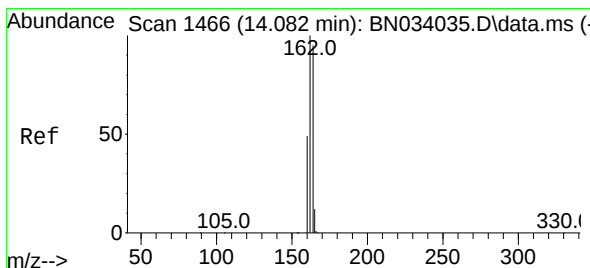
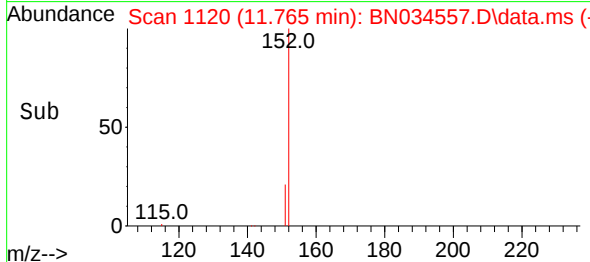
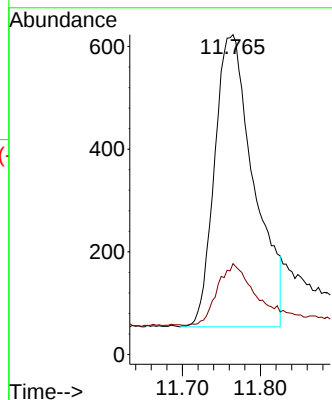
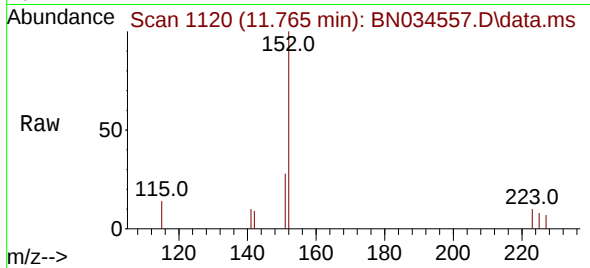




#11
2-Methylnaphthalene-d10
Concen: 0.128 ng
RT: 11.765 min Scan# 1113
Delta R.T. 0.038 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

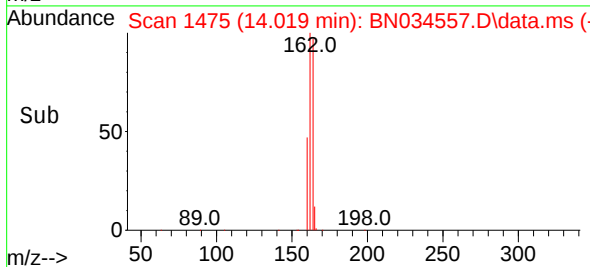
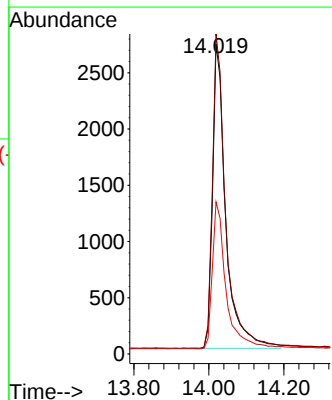
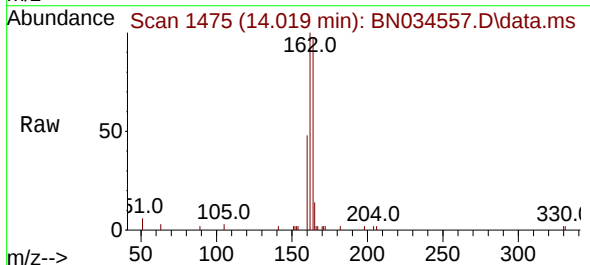
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL

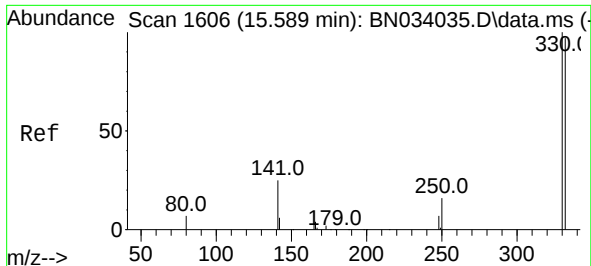
Tgt Ion:152 Resp: 1988
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 1475
Delta R.T. 0.004 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

Tgt Ion:164 Resp: 6659
Ion Ratio Lower Upper
164 100
162 103.2 84.2 126.2
160 49.1 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.099 ng

RT: 15.555 min Scan# 1

Delta R.T. 0.018 min

Lab File: BN034557.D

Acq: 11 Oct 2024 16:23

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20241002DL

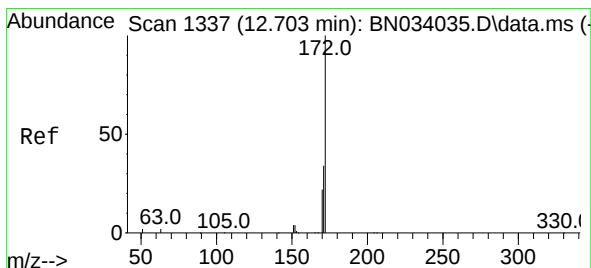
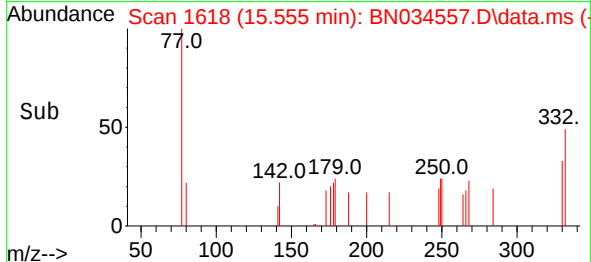
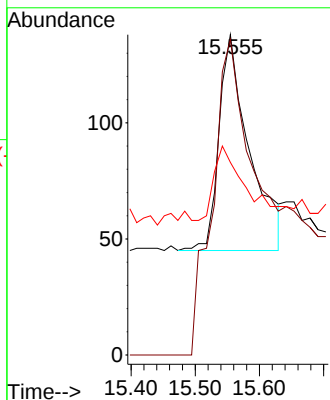
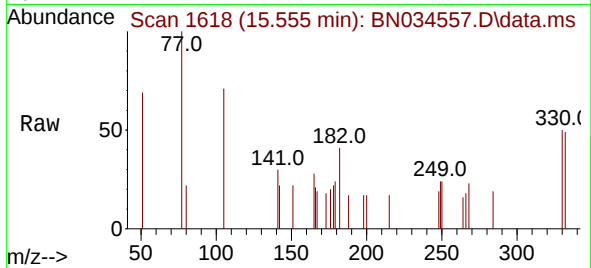
Tgt Ion:330 Resp: 298

Ion Ratio Lower Upper

330 100

332 217.4 77.4 116.0#

141 35.9 35.9 53.9#



#15

2-Fluorobiphenyl

Concen: 0.125 ng

RT: 12.651 min Scan# 1347

Delta R.T. 0.014 min

Lab File: BN034557.D

Acq: 11 Oct 2024 16:23

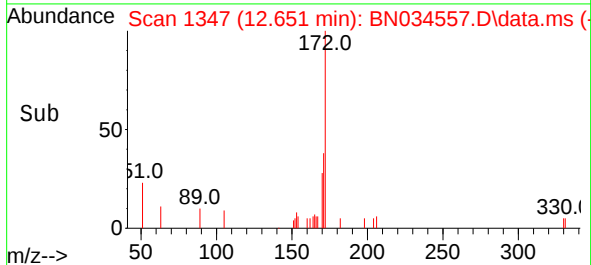
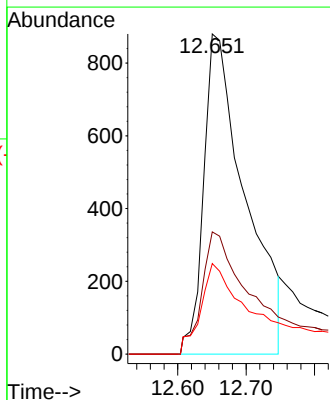
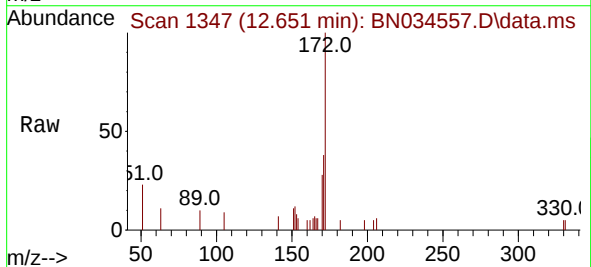
Tgt Ion:172 Resp: 3395

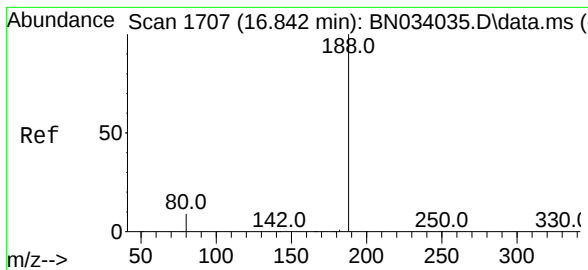
Ion Ratio Lower Upper

172 100

171 38.2 27.3 40.9

170 28.3 18.1 27.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.783 min Scan# 1

Delta R.T. 0.005 min

Lab File: BN034557.D

Acq: 11 Oct 2024 16:23

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20241002DL

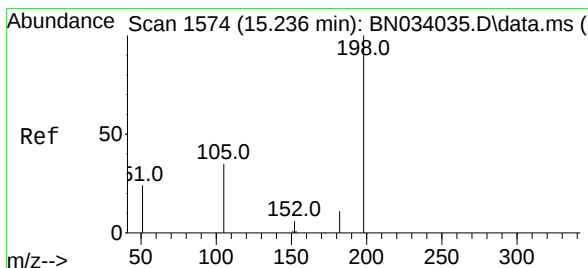
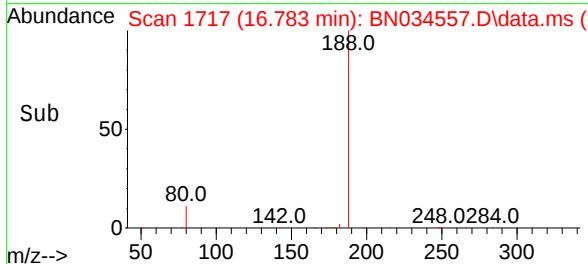
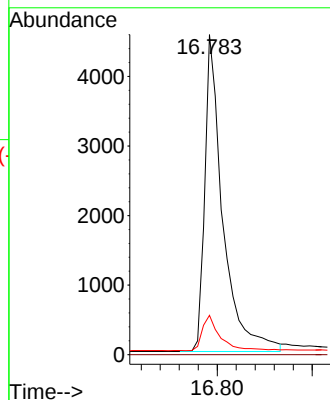
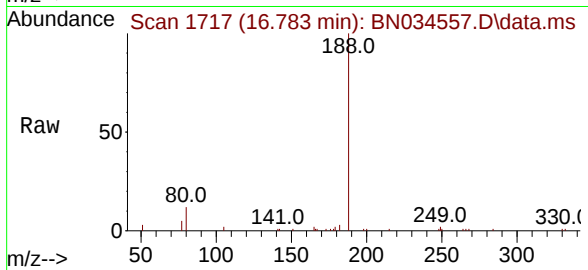
Tgt Ion:188 Resp: 12028

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.3 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.143 ng

RT: 16.237 min Scan# 1673

Delta R.T. -0.044 min

Lab File: BN034557.D

Acq: 11 Oct 2024 16:23

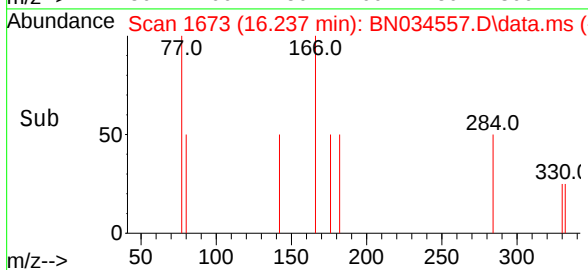
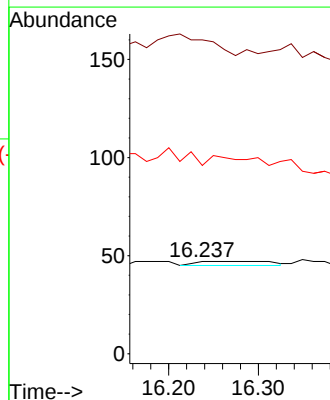
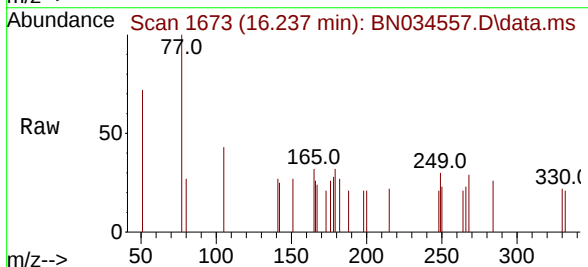
Tgt Ion:198 Resp: 12

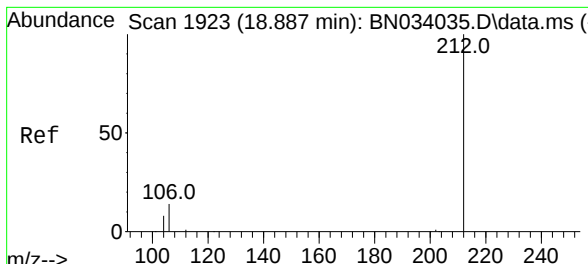
Ion Ratio Lower Upper

198 100

51 340.4 106.4 159.6#

105 204.3 38.5 57.7#

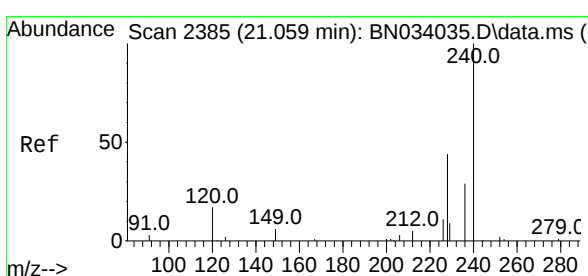
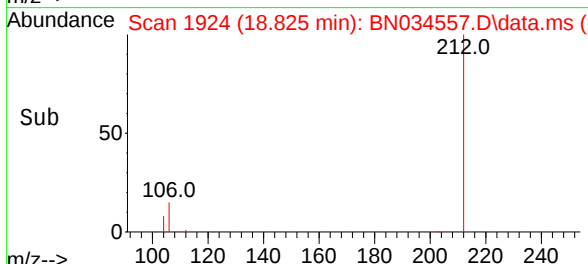
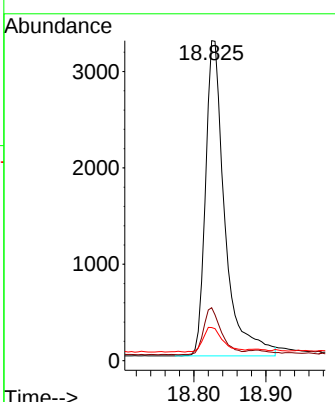
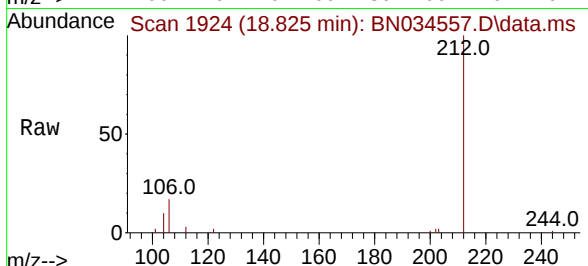




#27
 Fluoranthene-d10
 Concen: 0.201 ng
 RT: 18.825 min Scan# 11
 Delta R.T. -0.002 min
 Lab File: BN034557.D
 Acq: 11 Oct 2024 16:23

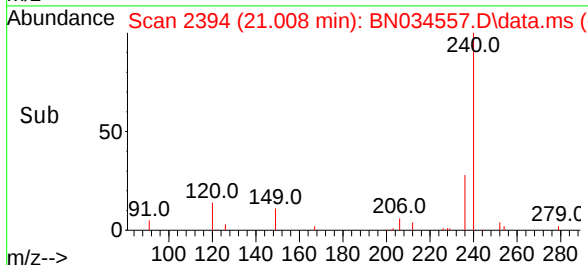
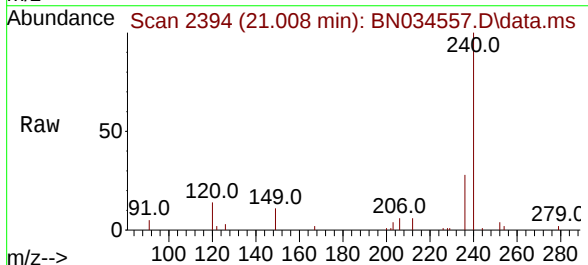
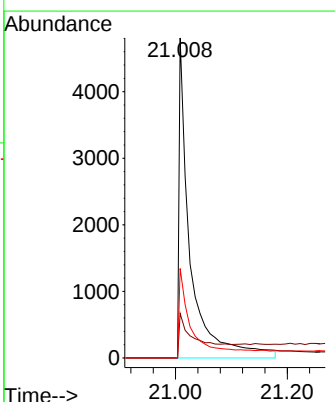
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20241002DL

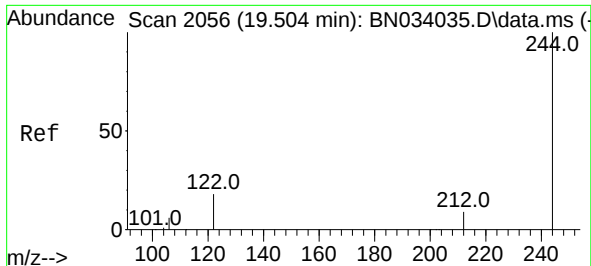
Tgt Ion:	212	Resp:	6100
Ion Ratio	Lower	Upper	
212	100		
106	13.7	13.4	20.2
104	7.9	7.8	11.6



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.008 min Scan# 2394
 Delta R.T. 0.002 min
 Lab File: BN034557.D
 Acq: 11 Oct 2024 16:23

Tgt Ion:	240	Resp:	6979
Ion Ratio	Lower	Upper	
240	100		
120	13.9	13.5	20.3
236	27.9	23.4	35.0

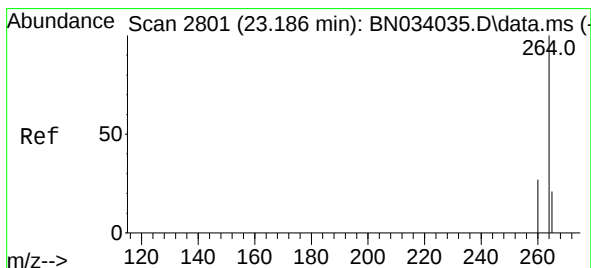
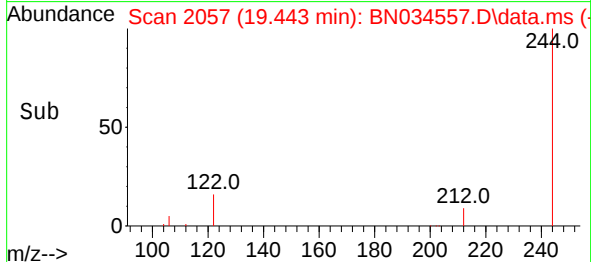
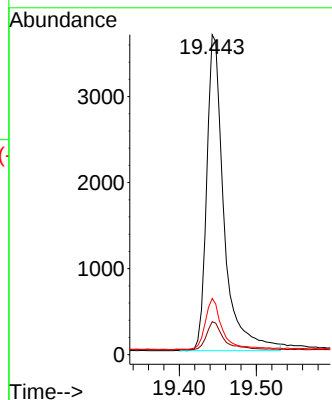
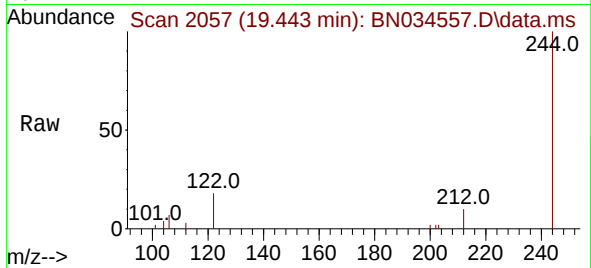




#31
Terphenyl-d14
Concen: 0.411 ng
RT: 19.443 min Scan# 2057
Delta R.T. -0.007 min
Lab File: BN034557.D
Acq: 11 Oct 2024 16:23

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002DL

Tgt Ion:244 Resp: 5726
Ion Ratio Lower Upper
244 100
212 10.3 7.8 11.6
122 17.5 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: BN034557.D
Acq: 11 Oct 2024 16:23

Tgt Ion:264 Resp: 10316
Ion Ratio Lower Upper
264 100
260 25.9 21.7 32.5
265 85.5 52.1 78.1#

