

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110524\
 Data File : BN034865.D
 Acq On : 05 Nov 2024 11:13
 Operator : RC/JU
 Sample : P4652-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-90-20241030DL

Quant Time: Nov 05 11:39:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 00:03:28 2024
 Response via : Initial Calibration

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

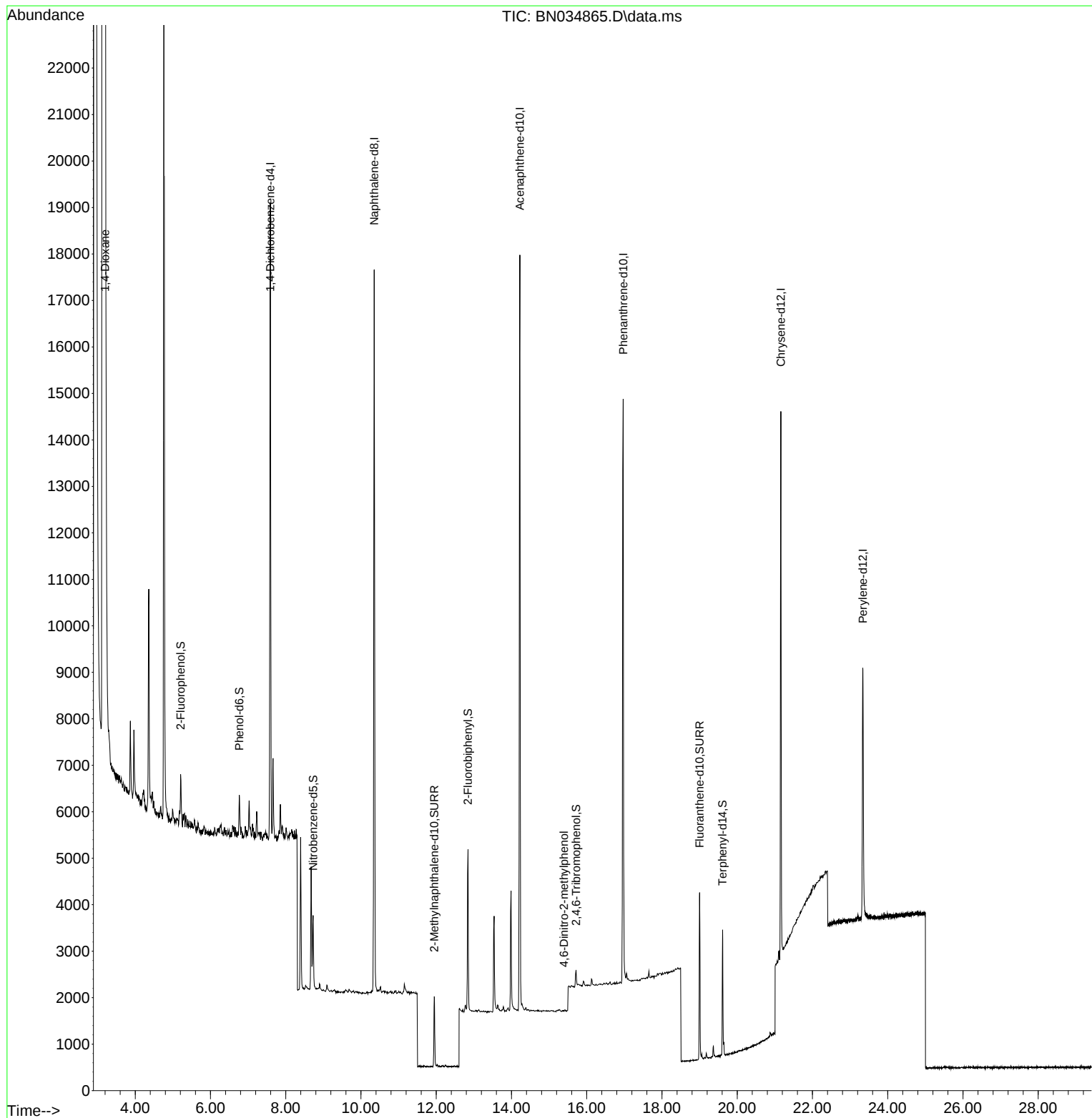
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	6432	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	19375	0.400	ng	0.00
13) Acenaphthene-d10	14.222	164	9318	0.400	ng	0.00
19) Phenanthrene-d10	16.970	188	18184	0.400	ng	0.00
29) Chrysene-d12	21.160	240	9599	0.400	ng	# 0.00
35) Perylene-d12	23.338	264	7192	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	883	0.045	ng	0.00
5) Phenol-d6	6.766	99	784	0.031	ng	0.00
8) Nitrobenzene-d5	8.728	82	1318	0.087	ng	0.00
11) 2-Methylnaphthalene-d10	11.946	152	2036	0.073	ng	0.00
14) 2,4,6-Tribromophenol	15.716	330	215	0.047	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	3071	0.084	ng	0.00
27) Fluoranthene-d10	19.001	212	3744	0.088	ng	0.00
31) Terphenyl-d14	19.610	244	2188	0.106	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.198	88	16029	2.273	ng	Qvalue 92
20) 4,6-Dinitro-2-methylph...	15.398	198	3	0.181	ng	# 1

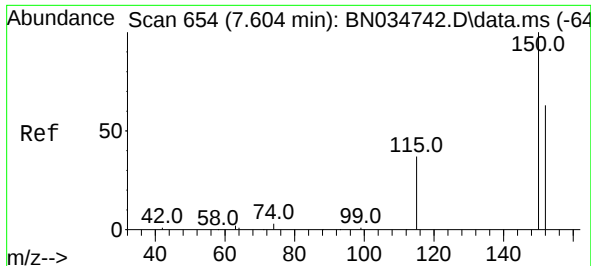
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
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RW5-SP100-90-20241030DL

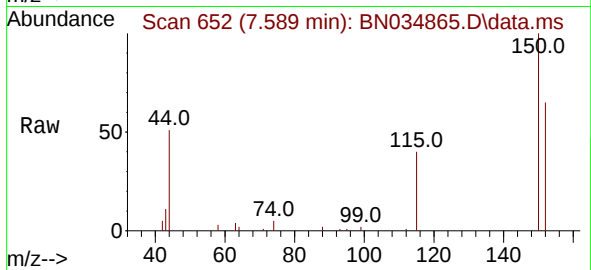
Quant Time: Nov 05 11:39:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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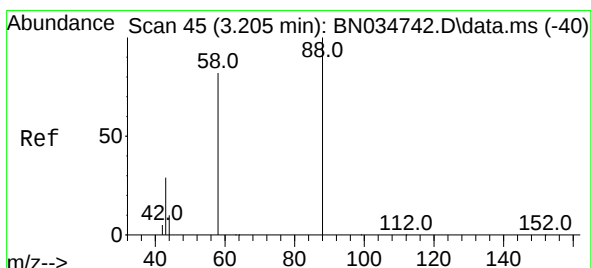
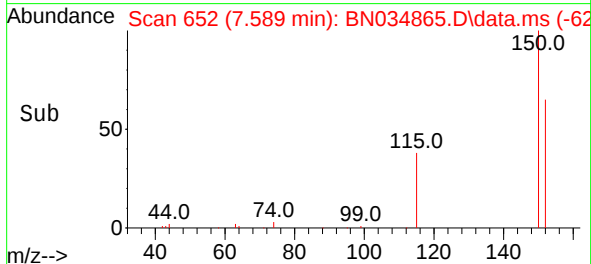
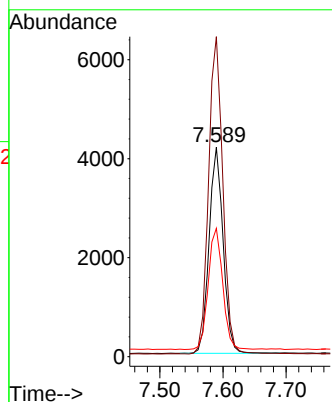


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN034865.D
Acq: 05 Nov 2024 11:13

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-90-20241030DL

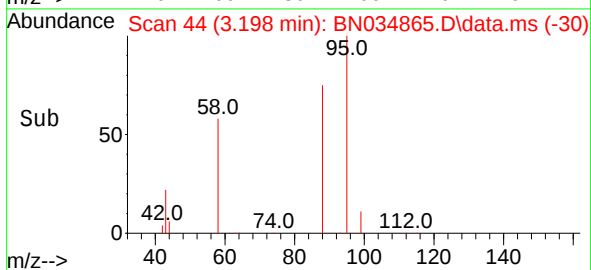
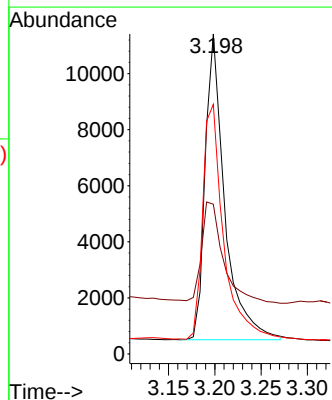
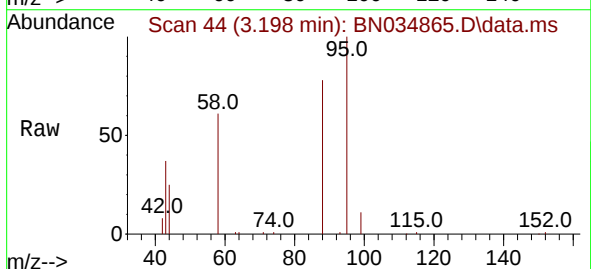


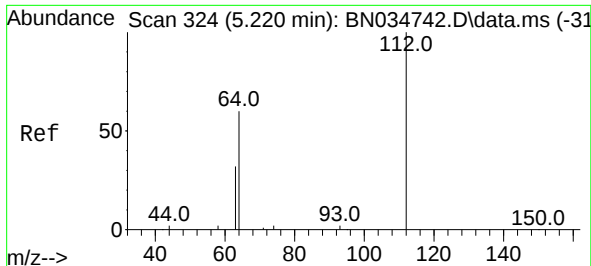
Tgt Ion:152 Resp: 6432
Ion Ratio Lower Upper
152 100
150 152.8 124.9 187.3
115 61.3 50.2 75.2



#2
1,4-Dioxane
Concen: 2.273 ng
RT: 3.198 min Scan# 44
Delta R.T. 0.000 min
Lab File: BN034865.D
Acq: 05 Nov 2024 11:13

Tgt Ion: 88 Resp: 16029
Ion Ratio Lower Upper
88 100
43 36.8 26.7 40.1
58 81.6 59.3 88.9





#4

2-Fluorophenol

Concen: 0.045 ng

RT: 5.206 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN034865.D

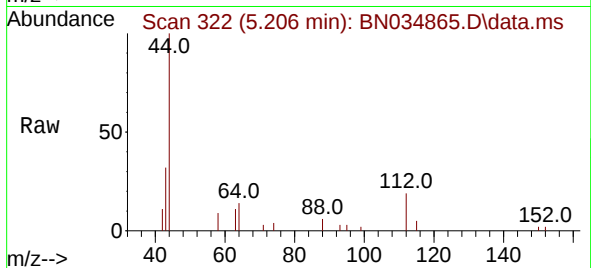
Acq: 05 Nov 2024 11:13

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-90-20241030DL



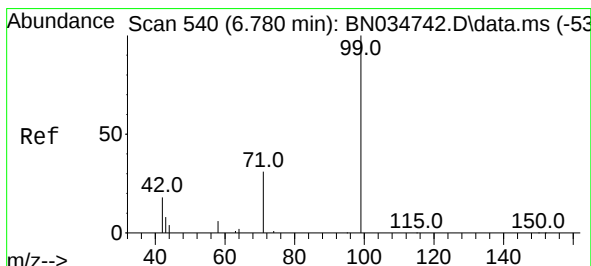
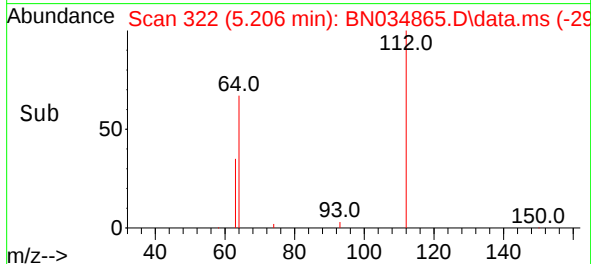
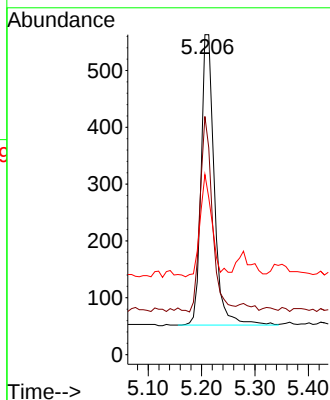
Tgt Ion:112 Resp: 883

Ion Ratio Lower Upper

112 100

64 63.1 44.9 67.3

63 31.7 23.5 35.3



#5

Phenol-d6

Concen: 0.031 ng

RT: 6.766 min Scan# 538

Delta R.T. 0.000 min

Lab File: BN034865.D

Acq: 05 Nov 2024 11:13

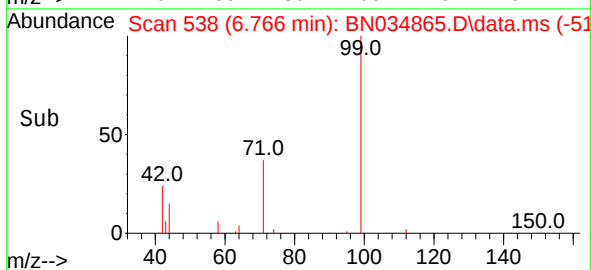
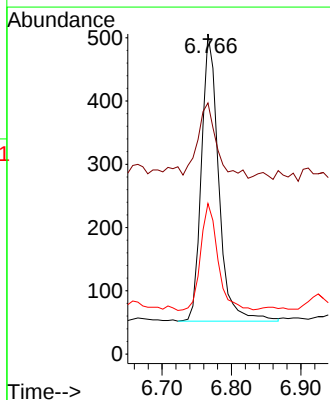
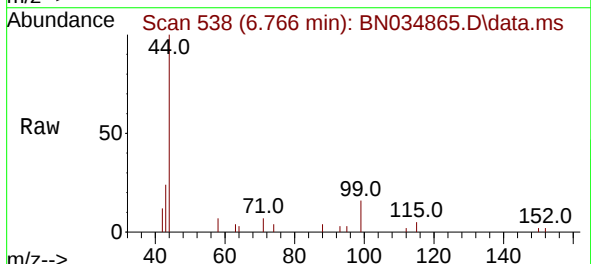
Tgt Ion: 99 Resp: 784

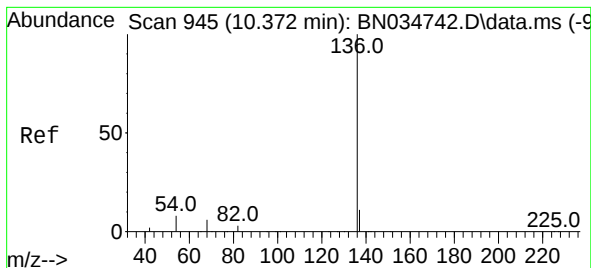
Ion Ratio Lower Upper

99 100

42 29.1 15.9 23.9#

71 37.2 24.3 36.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.351 min Scan# 945

Delta R.T. 0.000 min

Lab File: BN034865.D

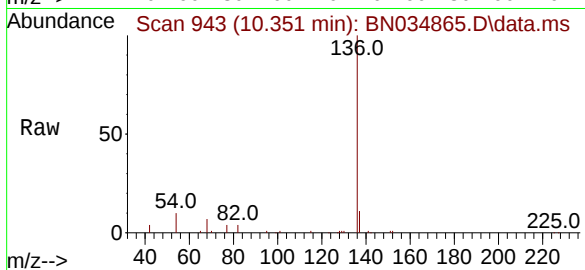
Acq: 05 Nov 2024 11:13

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-90-20241030DL



Tgt Ion:136 Resp: 19375

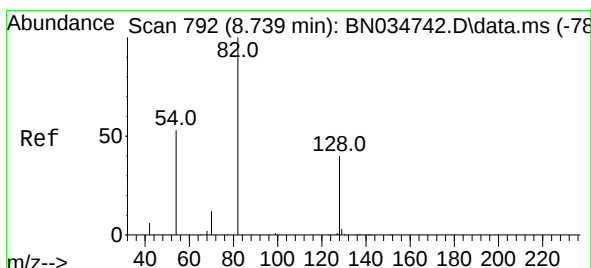
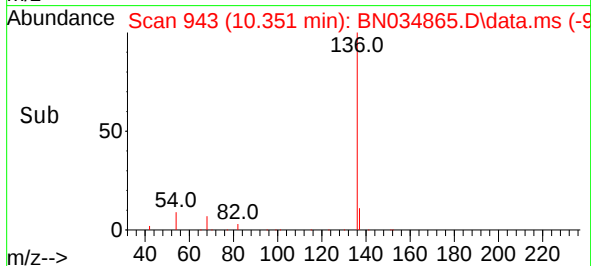
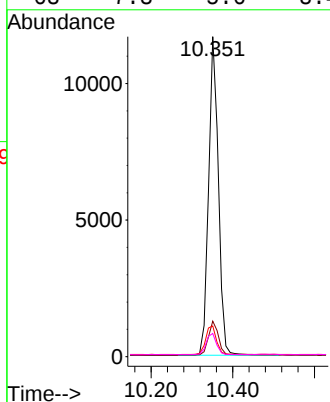
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 9.6 7.0 10.4

68 7.3 5.6 8.4



#8

Nitrobenzene-d5

Concen: 0.087 ng

RT: 8.728 min Scan# 791

Delta R.T. 0.000 min

Lab File: BN034865.D

Acq: 05 Nov 2024 11:13

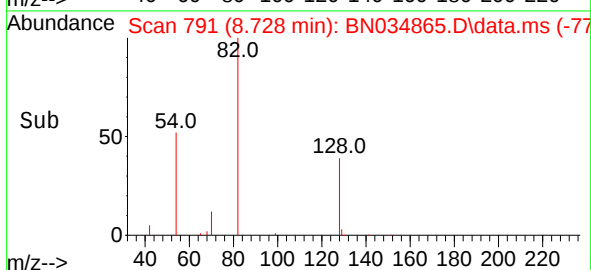
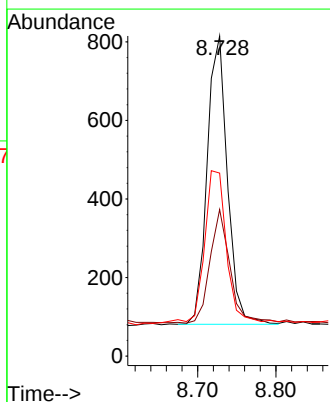
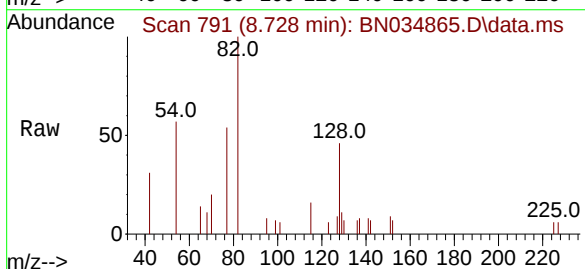
Tgt Ion: 82 Resp: 1318

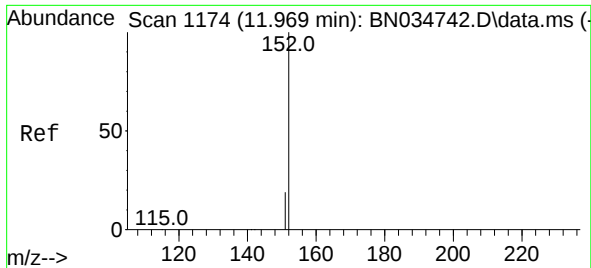
Ion Ratio Lower Upper

82 100

128 45.8 33.7 50.5

54 57.2 44.4 66.6

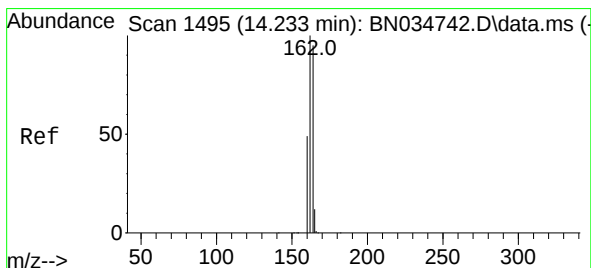
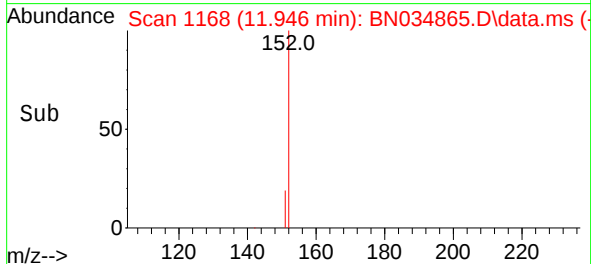
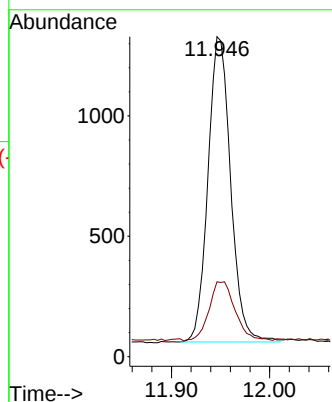
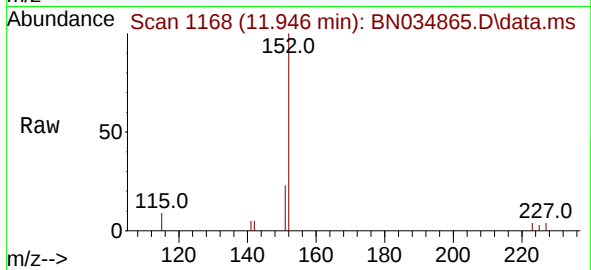




#11
2-Methylnaphthalene-d10
Concen: 0.073 ng
RT: 11.946 min Scan# 1174
Delta R.T. -0.004 min
Lab File: BN034865.D
Acq: 05 Nov 2024 11:13

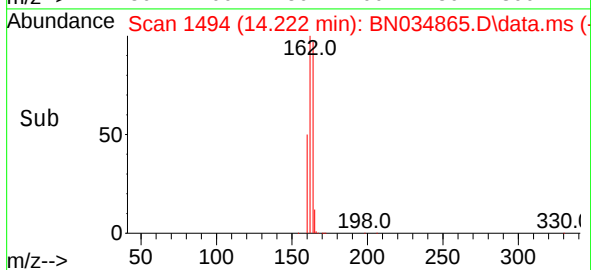
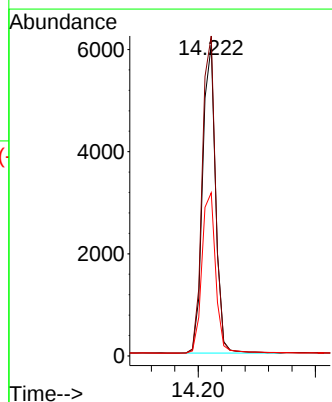
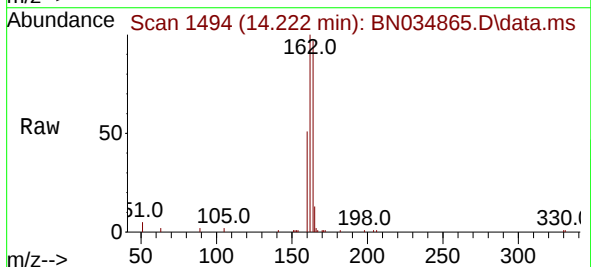
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-90-20241030DL

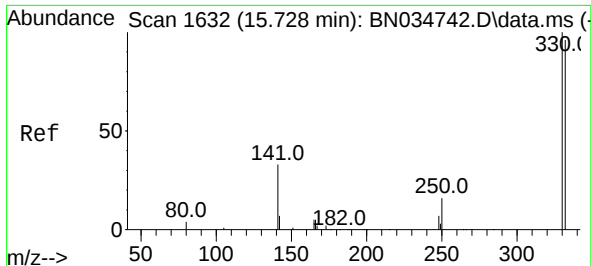
Tgt Ion:152 Resp: 2036
Ion Ratio Lower Upper
152 100
151 22.2 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.222 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BN034865.D
Acq: 05 Nov 2024 11:13

Tgt Ion:164 Resp: 9318
Ion Ratio Lower Upper
164 100
162 102.9 84.3 126.5
160 52.5 41.7 62.5

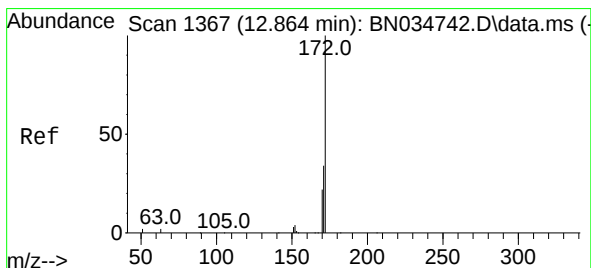
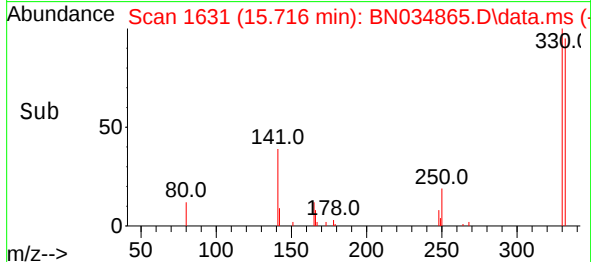
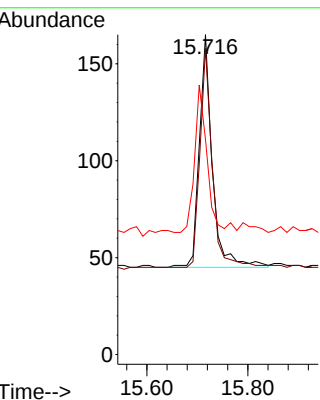
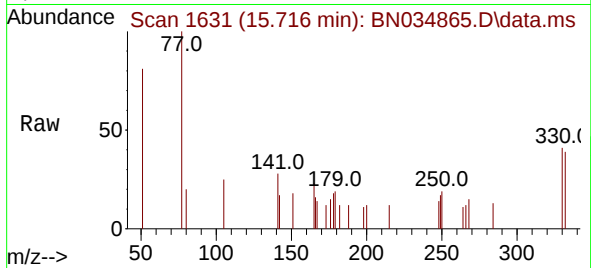




#14
2,4,6-Tribromophenol
Concen: 0.047 ng
RT: 15.716 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BN034865.D
Acq: 05 Nov 2024 11:13

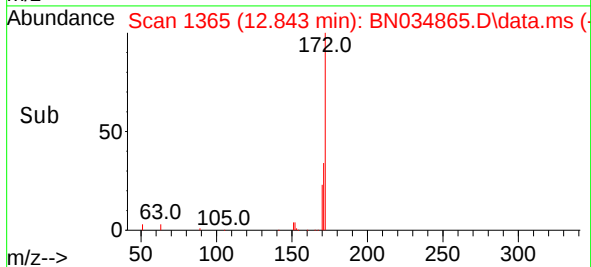
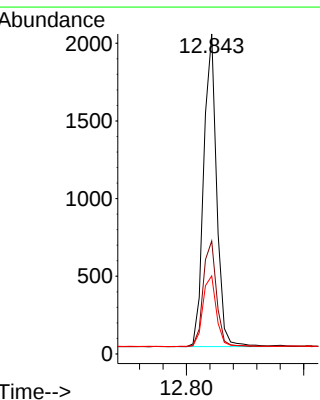
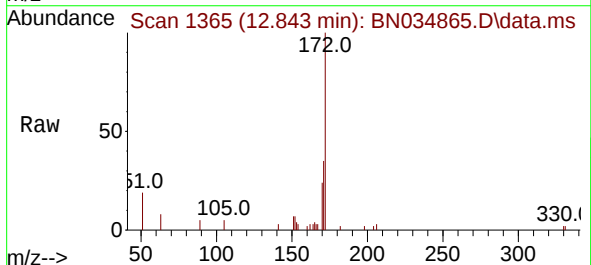
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-90-20241030DL

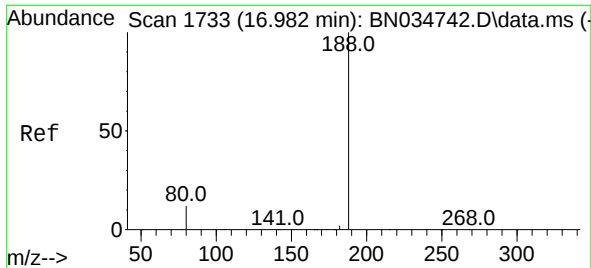
Tgt Ion:330 Resp: 215
Ion Ratio Lower Upper
330 100
332 89.3 77.8 116.6
141 59.1 41.0 61.4



#15
2-Fluorobiphenyl
Concen: 0.084 ng
RT: 12.843 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BN034865.D
Acq: 05 Nov 2024 11:13

Tgt Ion:172 Resp: 3071
Ion Ratio Lower Upper
172 100
171 35.3 27.2 40.8
170 24.4 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.970 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN034865.D

Acq: 05 Nov 2024 11:13

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-90-20241030DL

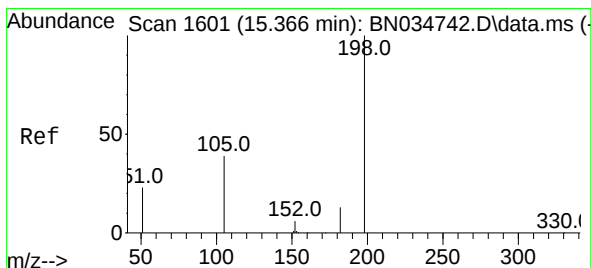
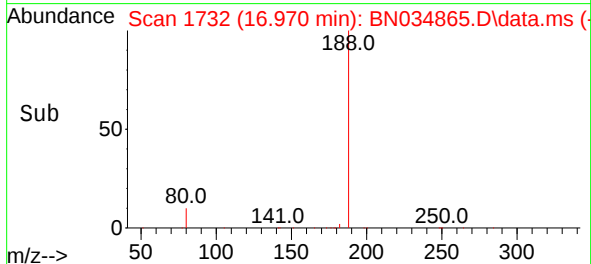
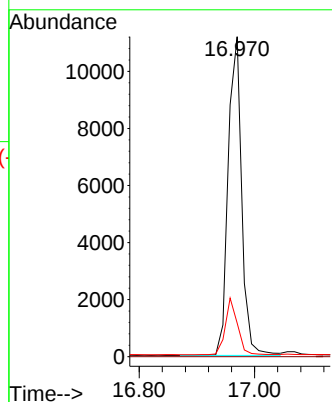
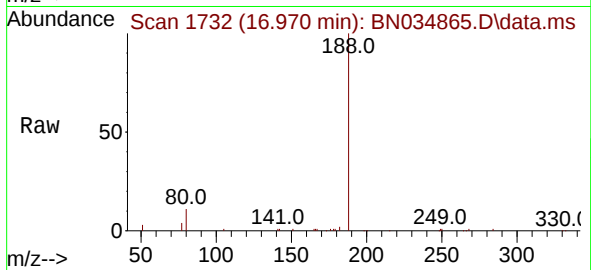
Tgt Ion:188 Resp: 18184

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 9.8 14.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.181 ng

RT: 15.398 min Scan# 1604

Delta R.T. 0.043 min

Lab File: BN034865.D

Acq: 05 Nov 2024 11:13

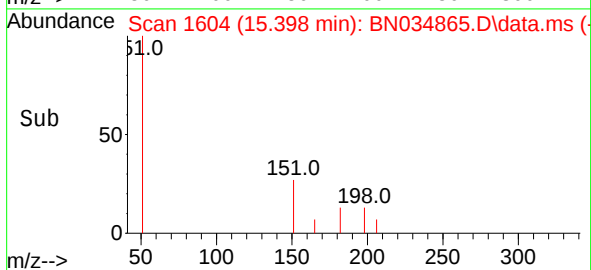
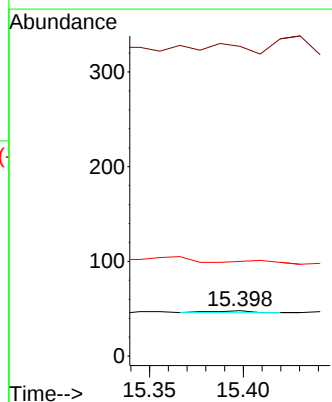
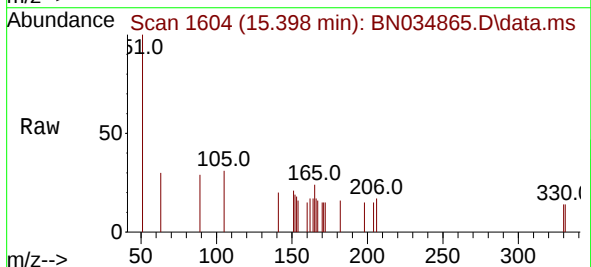
Tgt Ion:198 Resp: 3

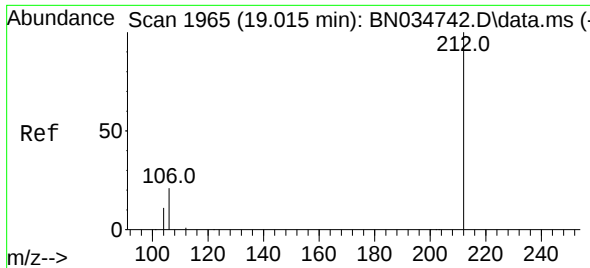
Ion Ratio Lower Upper

198 100

51 681.3 58.0 87.0#

105 208.3 49.1 73.7#

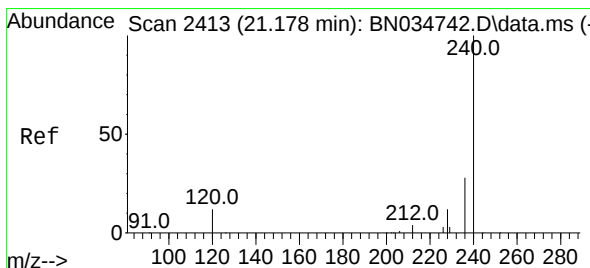
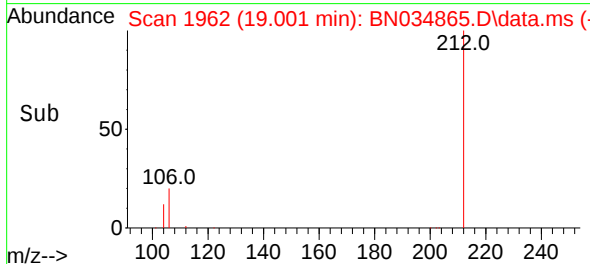
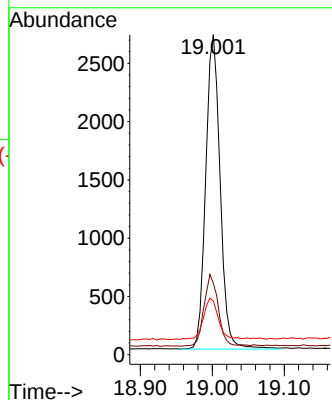
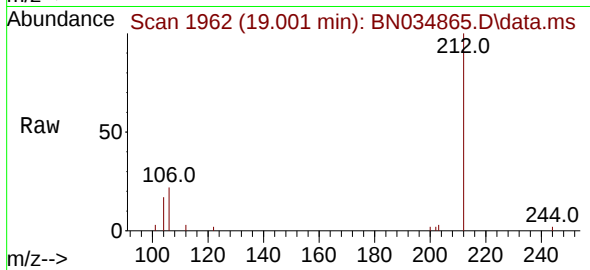




#27
Fluoranthene-d10
Concen: 0.088 ng
RT: 19.001 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BN034865.D
Acq: 05 Nov 2024 11:13

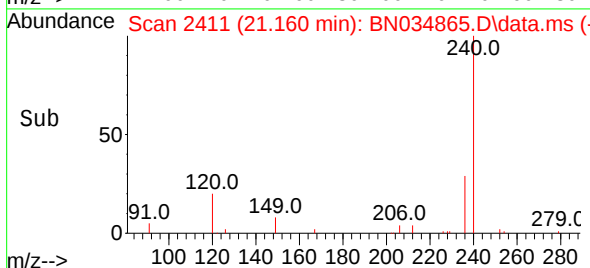
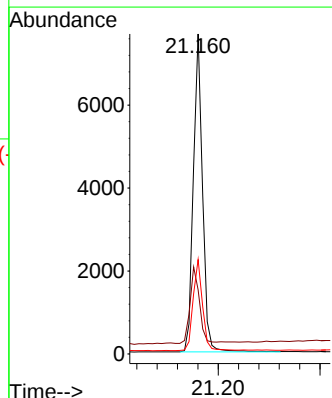
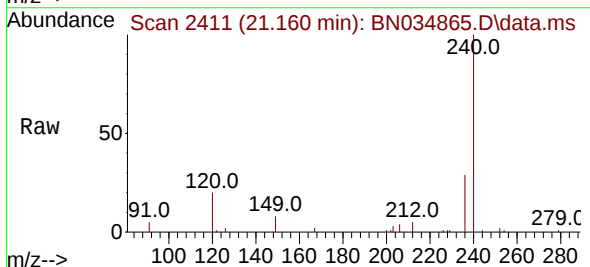
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-90-20241030DL

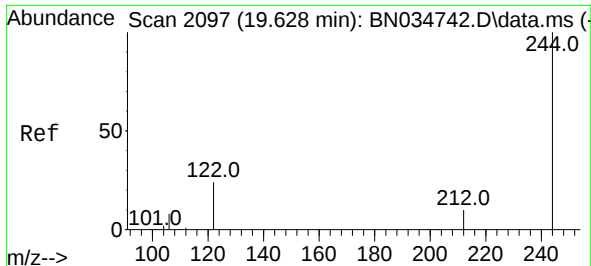
Tgt Ion:212 Resp: 3744
Ion Ratio Lower Upper
212 100
106 22.0 16.1 24.1
104 13.8 9.2 13.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.160 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BN034865.D
Acq: 05 Nov 2024 11:13

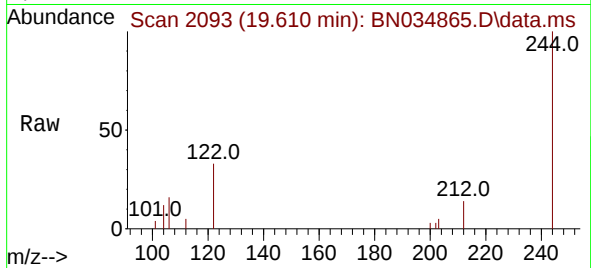
Tgt Ion:240 Resp: 9599
Ion Ratio Lower Upper
240 100
120 20.1 11.5 17.3#
236 29.5 23.2 34.8



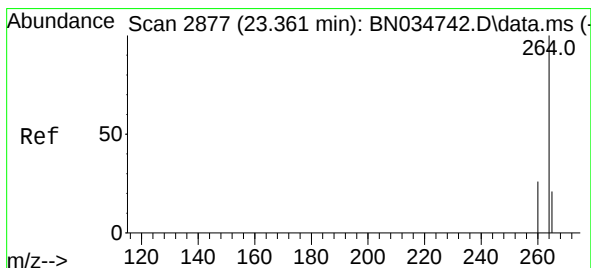
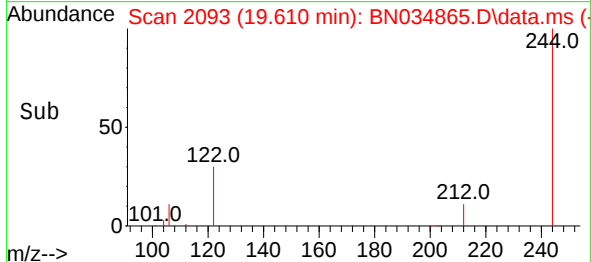
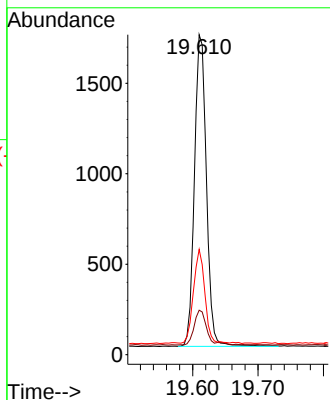


#31
Terphenyl-d14
Concen: 0.106 ng
RT: 19.610 min Scan# 2093
Delta R.T. -0.005 min
Lab File: BN034865.D
Acq: 05 Nov 2024 11:13

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-90-20241030DL



Tgt Ion:244 Resp: 2188
Ion Ratio Lower Upper
244 100
212 13.9 8.2 12.4#
122 32.9 19.8 29.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.338 min Scan# 2869
Delta R.T. 0.003 min
Lab File: BN034865.D
Acq: 05 Nov 2024 11:13

Tgt Ion:264 Resp: 7192
Ion Ratio Lower Upper
264 100
260 27.7 21.5 32.3
265 77.8 47.5 71.3#

