

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035741.D
 Acq On : 20 Dec 2024 14:41
 Operator : RC/JU
 Sample : P5261-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP-02-20241210

Quant Time: Dec 20 17:12:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

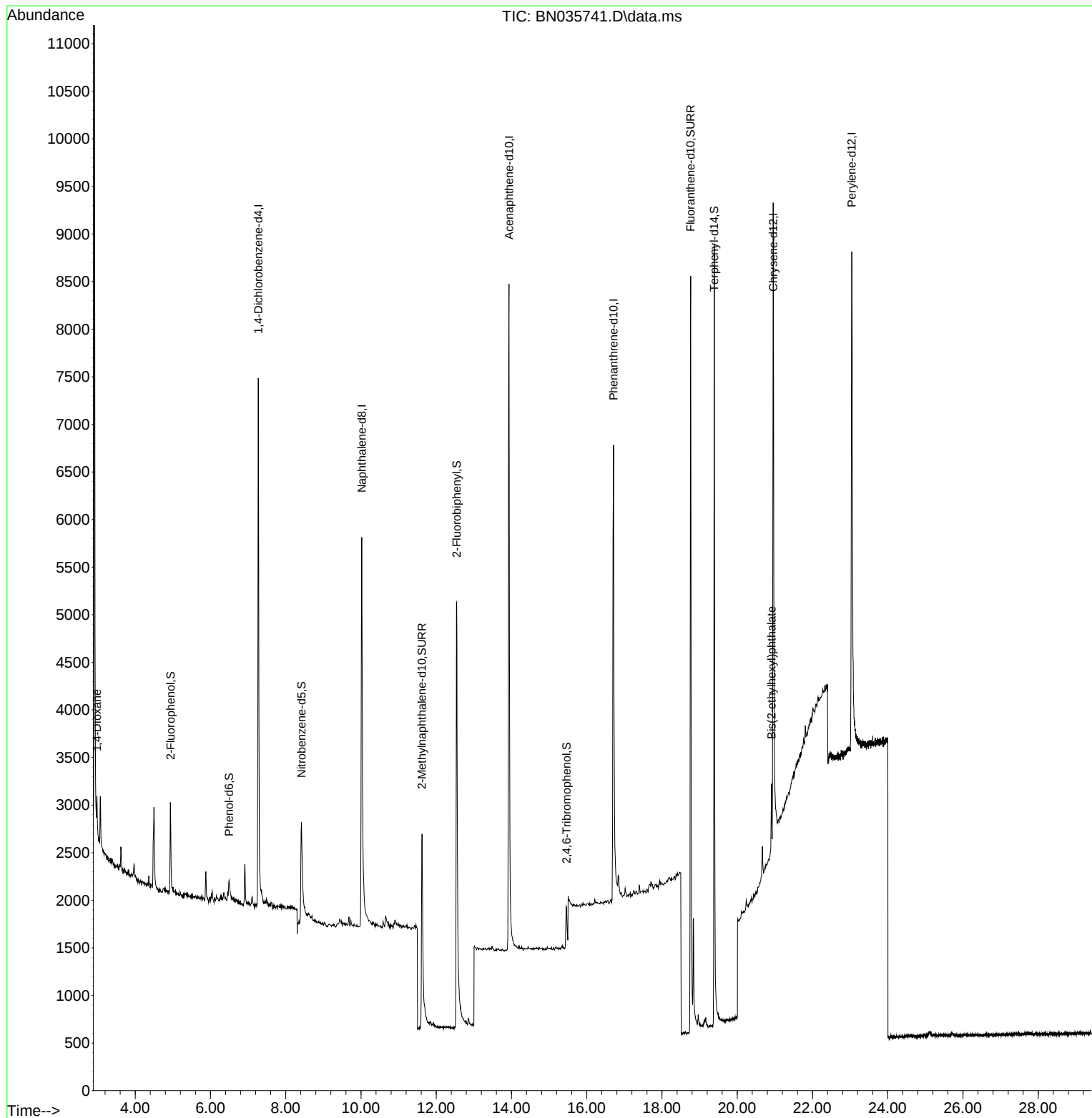
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	3123	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8011	0.400	ng	0.00
13) Acenaphthene-d10	13.935	164	5188	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	9843	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	8577	0.400	ng	# 0.00
35) Perylene-d12	23.044	264	8598	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	917	0.117	ng	0.00
5) Phenol-d6	6.492	99	485	0.052	ng	0.00
8) Nitrobenzene-d5	8.418	82	2100	0.429	ng	0.01
11) 2-Methylnaphthalene-d10	11.621	152	4660	0.372	ng	0.00
14) 2,4,6-Tribromophenol	15.464	330	665	0.181	ng	0.01
15) 2-Fluorobiphenyl	12.544	172	6801	0.347	ng	0.00
27) Fluoranthene-d10	18.761	212	11511	0.413	ng	0.00
31) Terphenyl-d14	19.388	244	9778	0.578	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	290	0.097	ng	# 78
34) Bis(2-ethylhexyl)phtha...	20.911	149	775	0.065	ng	# 94

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

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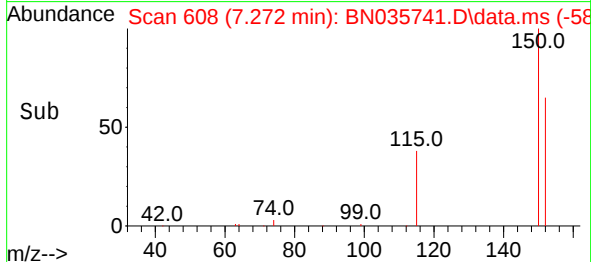
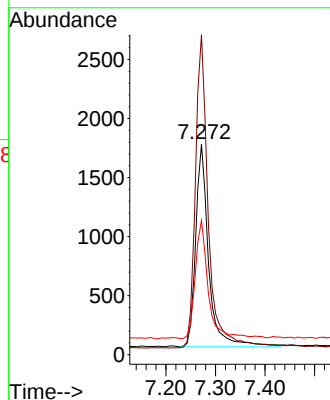
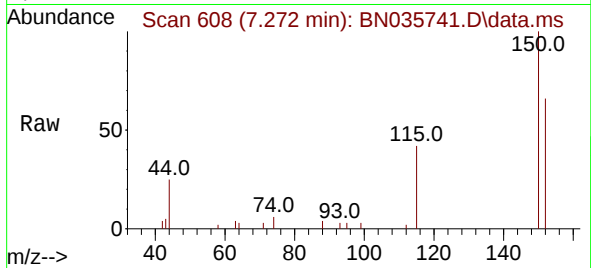




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.272 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN035741.D
 Acq: 20 Dec 2024 14:41

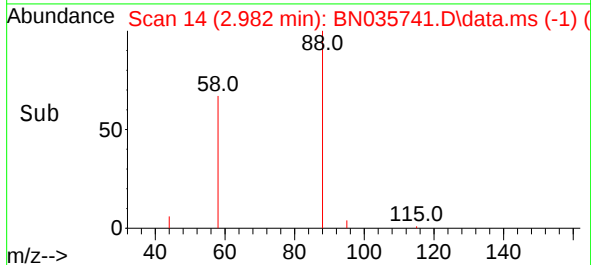
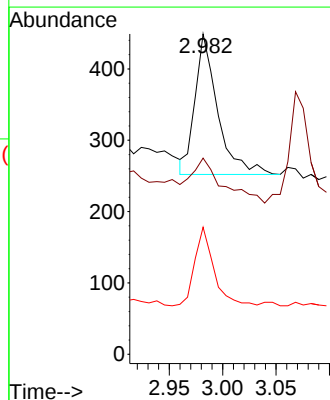
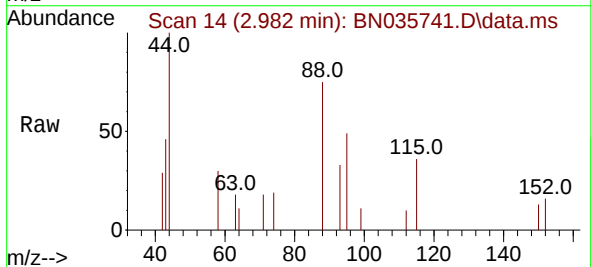
Instrument :
 BNA_N
 ClientSampleId :
 DUP-02-20241210

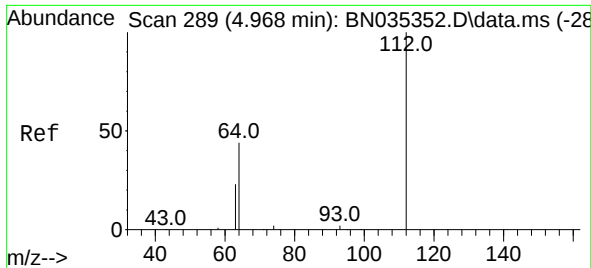
Tgt Ion:152 Resp: 3123
 Ion Ratio Lower Upper
 152 100
 150 152.1 124.0 186.0
 115 63.8 49.6 74.4



#2
 1,4-Dioxane
 Concen: 0.097 ng
 RT: 2.982 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035741.D
 Acq: 20 Dec 2024 14:41

Tgt Ion: 88 Resp: 290
 Ion Ratio Lower Upper
 88 100
 43 44.5 17.2 25.8#
 58 47.2 44.5 66.7

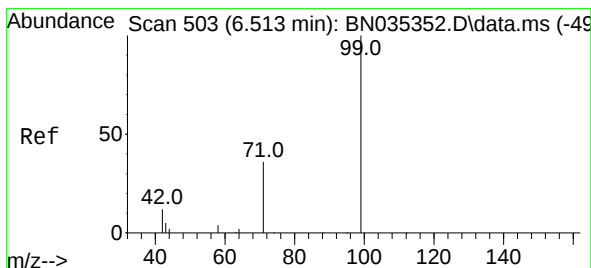
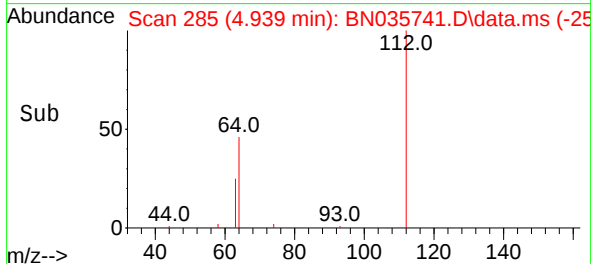
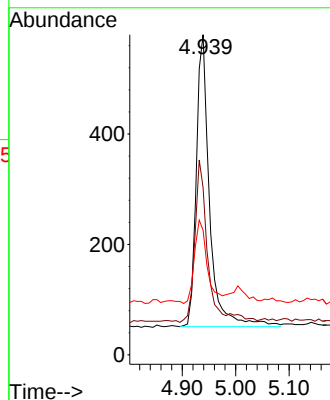
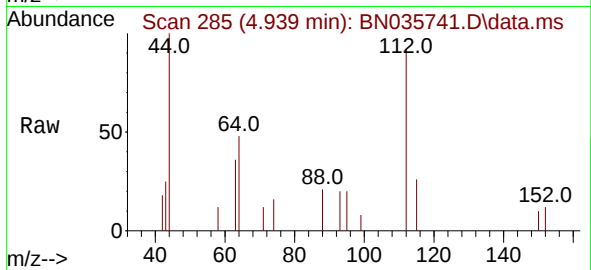




#4
2-Fluorophenol
Concen: 0.117 ng
RT: 4.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

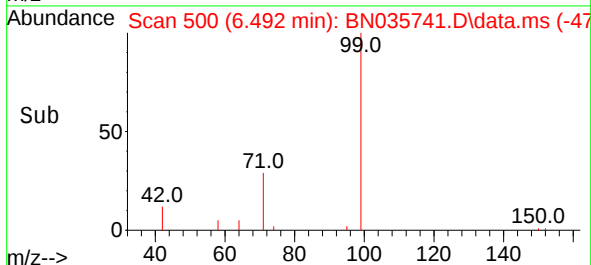
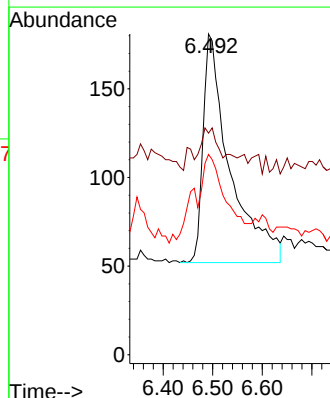
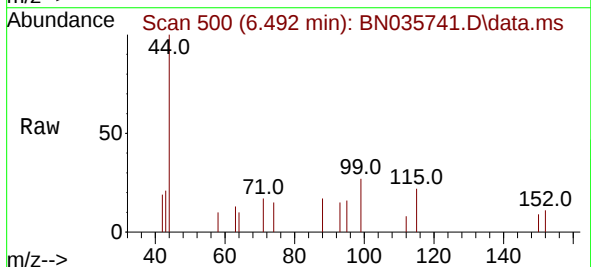
Instrument :
BNA_N
ClientSampleId :
DUP-02-20241210

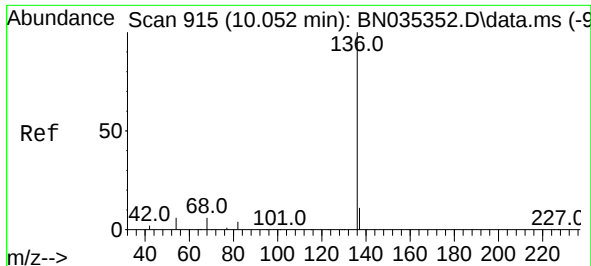
Tgt Ion:112 Resp: 917
Ion Ratio Lower Upper
112 100
64 50.1 39.8 59.8
63 27.5 21.0 31.6



#5
Phenol-d6
Concen: 0.052 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

Tgt Ion: 99 Resp: 485
Ion Ratio Lower Upper
99 100
42 9.1 11.4 17.2#
71 28.5 29.3 43.9#

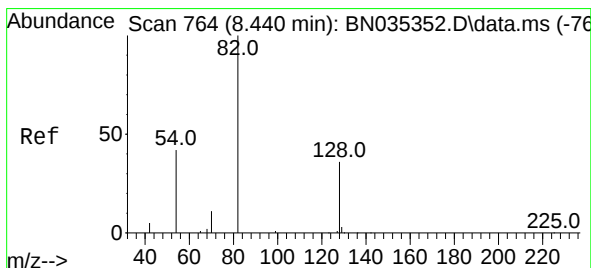
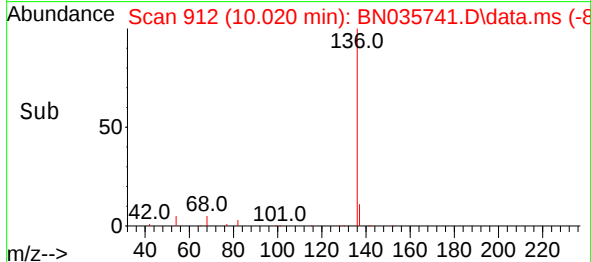
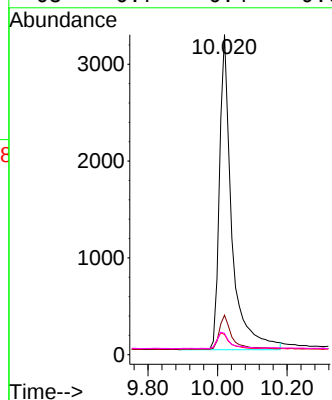
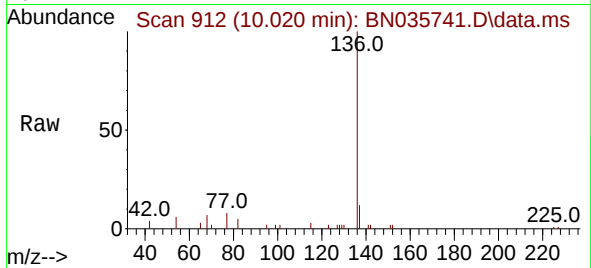




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

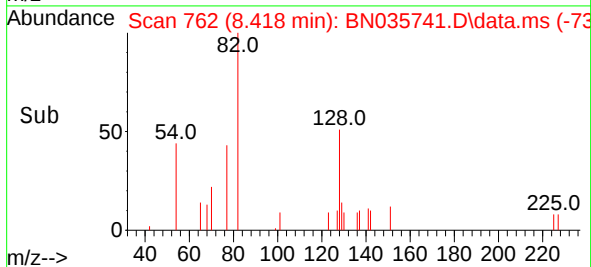
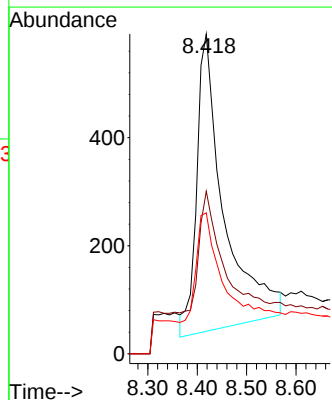
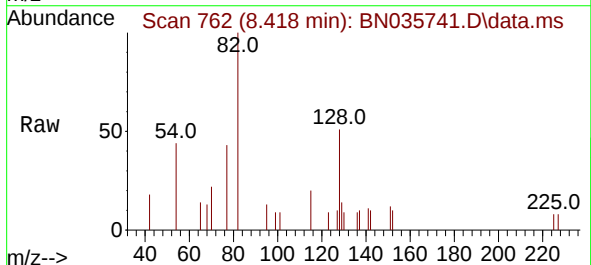
Instrument :
BNA_N
ClientSampleId :
DUP-02-20241210

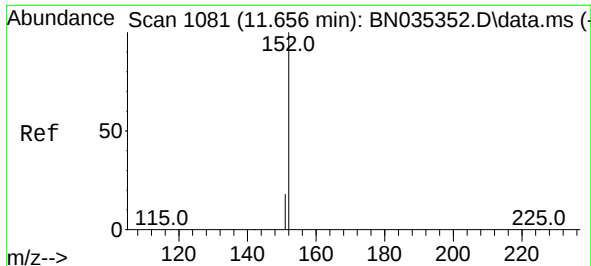
Tgt Ion:136	Resp:	8011
Ion Ratio	Lower	Upper
136	100	
137	12.3	10.2 15.2
54	6.3	6.1 9.1
68	6.7	6.4 9.6



#8
Nitrobenzene-d5
Concen: 0.429 ng
RT: 8.418 min Scan# 762
Delta R.T. 0.011 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

Tgt Ion: 82	Resp:	2100
Ion Ratio	Lower	Upper
82	100	
128	50.8	33.4 50.0#
54	44.1	36.7 55.1

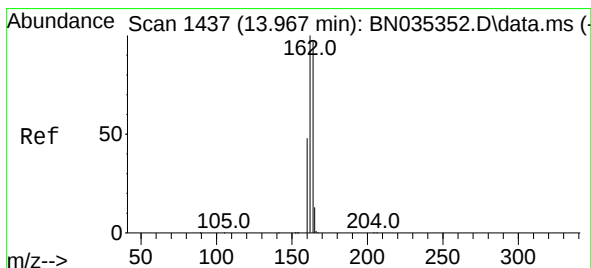
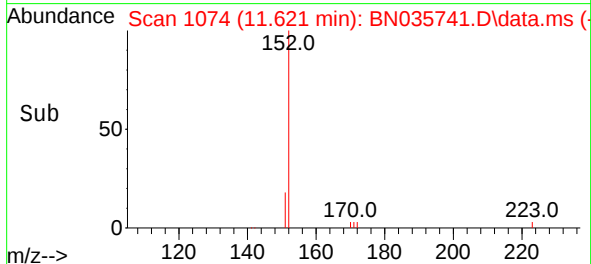
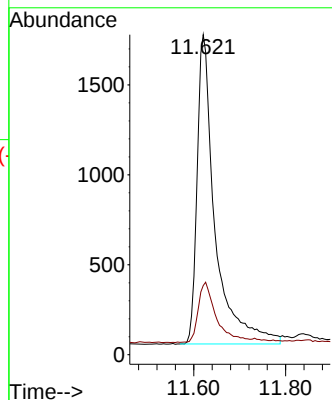
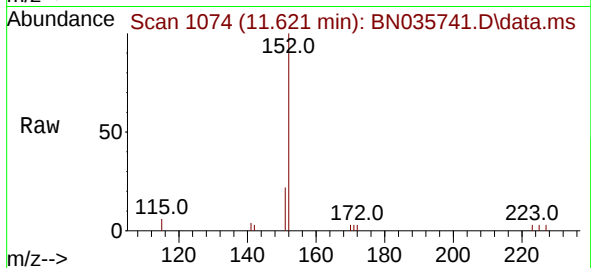




#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 11.621 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

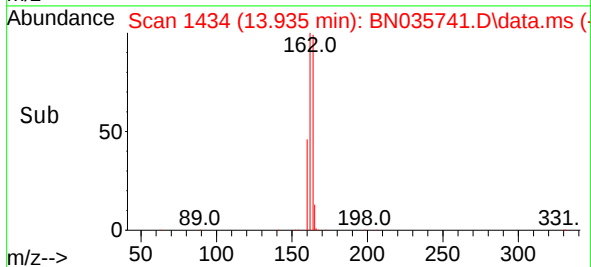
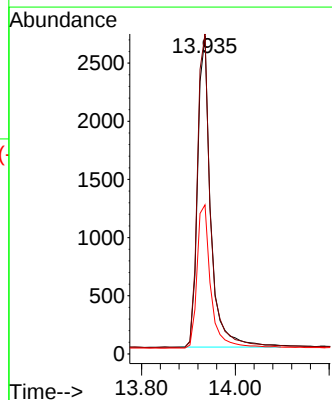
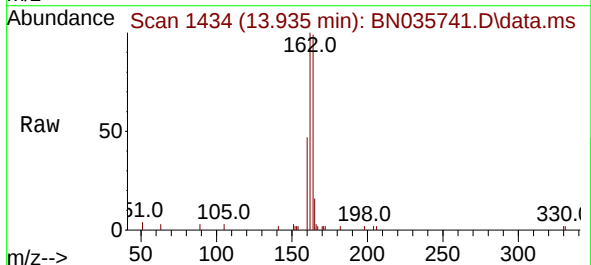
Instrument :
BNA_N
ClientSampleId :
DUP-02-20241210

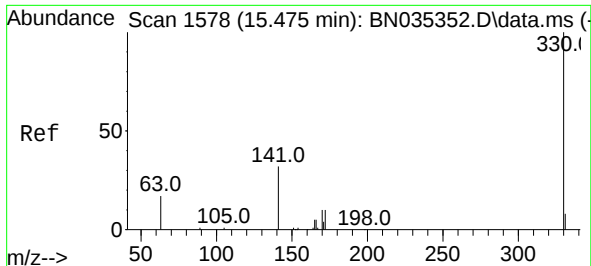
Tgt Ion:152 Resp: 4660
Ion Ratio Lower Upper
152 100
151 19.6 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

Tgt Ion:164 Resp: 5188
Ion Ratio Lower Upper
164 100
162 100.7 82.2 123.2
160 46.9 40.1 60.1

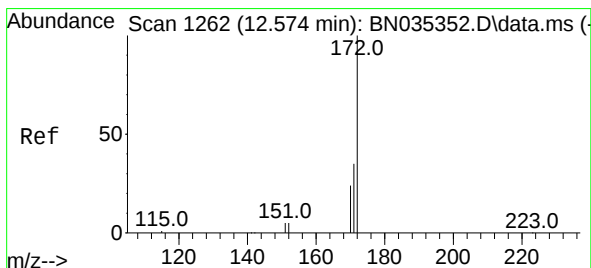
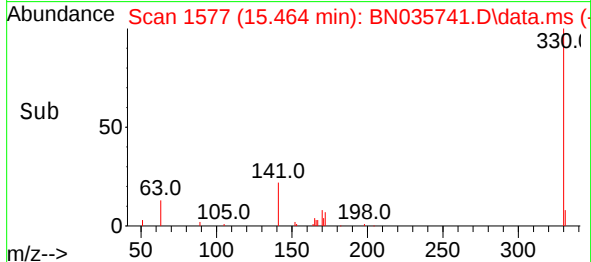
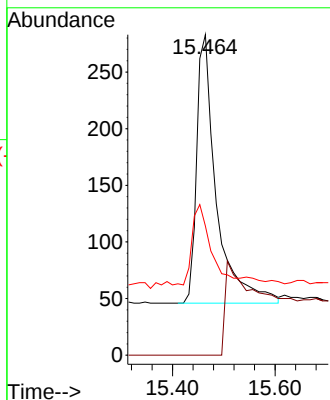
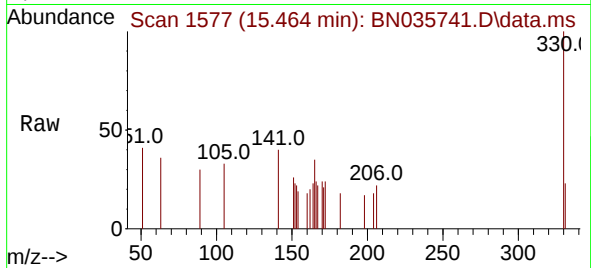




#14
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 15.464 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

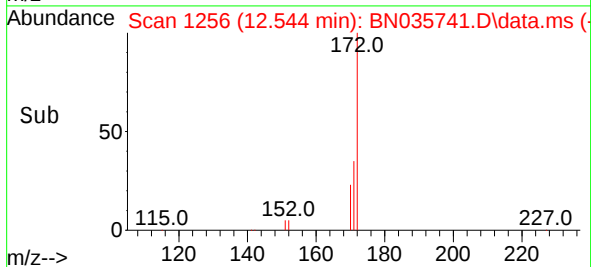
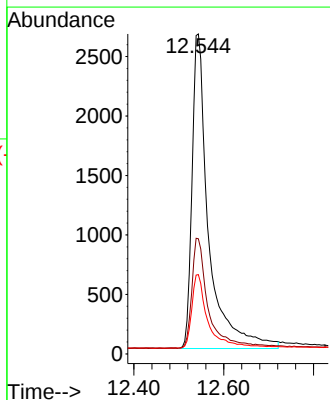
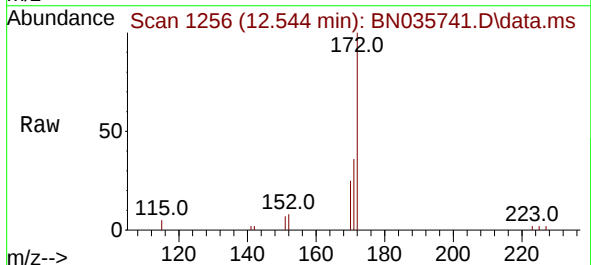
Instrument :
BNA_N
ClientSampleId :
DUP-02-20241210

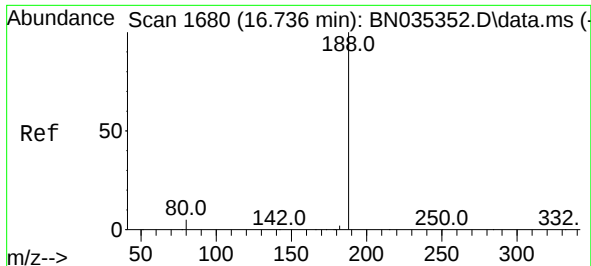
Tgt Ion:330 Resp: 665
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.8 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.544 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

Tgt Ion:172 Resp: 6801
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.8 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.711 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN035741.D

Acq: 20 Dec 2024 14:41

Instrument :

BNA_N

ClientSampleId :

DUP-02-20241210

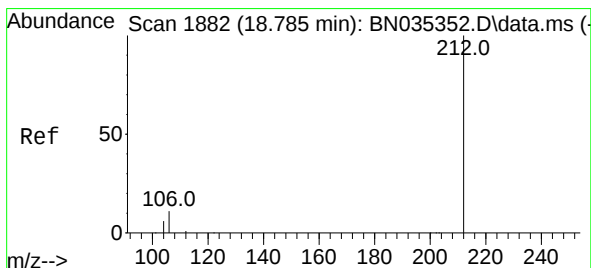
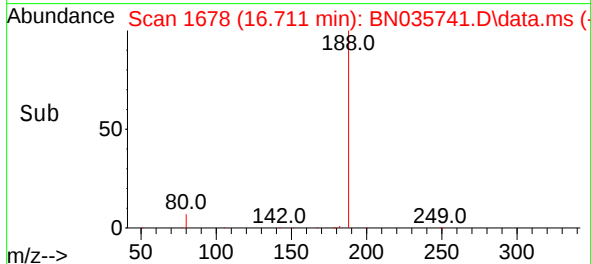
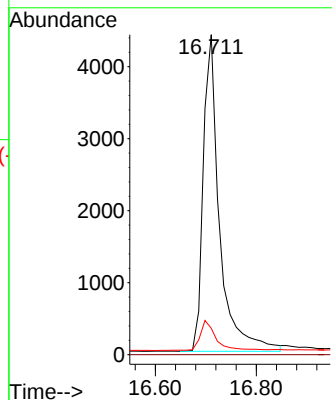
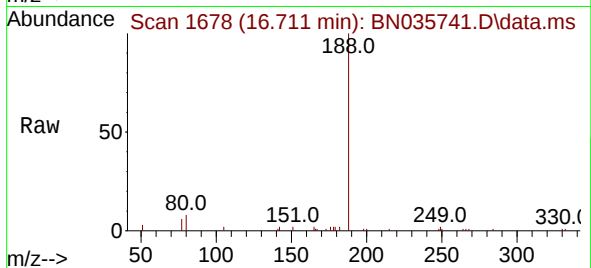
Tgt Ion:188 Resp: 9843

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.2 4.6 6.8#



#27

Fluoranthene-d10

Concen: 0.413 ng

RT: 18.761 min Scan# 1877

Delta R.T. -0.000 min

Lab File: BN035741.D

Acq: 20 Dec 2024 14:41

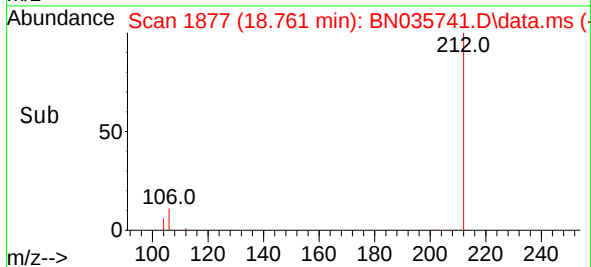
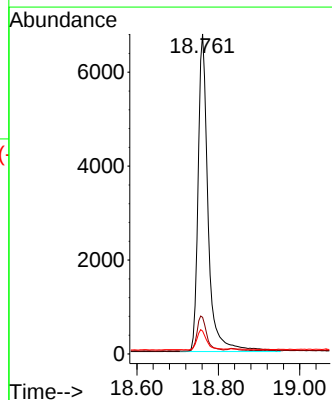
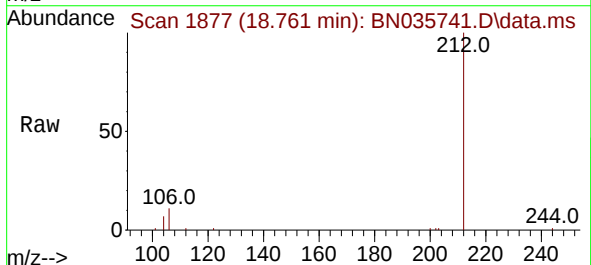
Tgt Ion:212 Resp: 11511

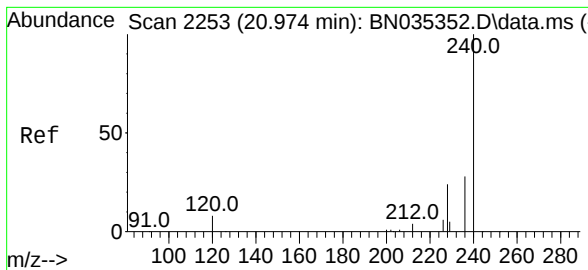
Ion Ratio Lower Upper

212 100

106 10.8 9.2 13.8

104 6.1 5.3 7.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.956 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN035741.D

Acq: 20 Dec 2024 14:41

Instrument :

BNA_N

ClientSampleId :

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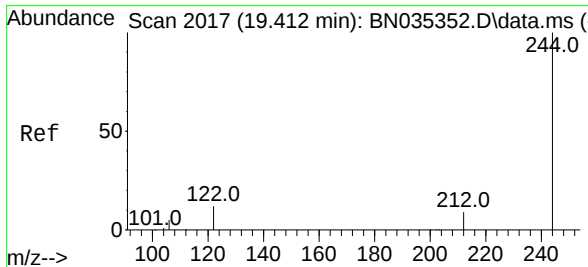
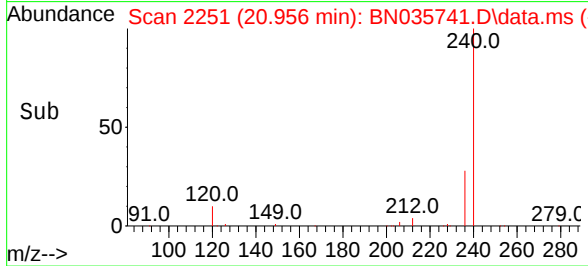
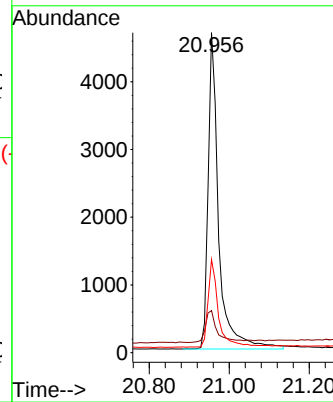
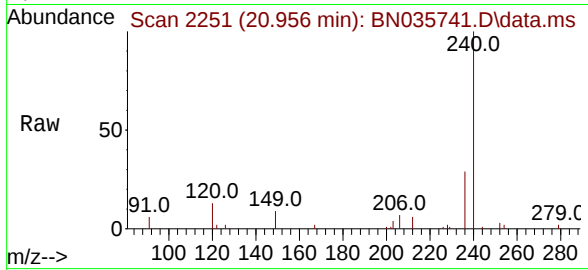
Tgt Ion:240 Resp: 8577

Ion Ratio Lower Upper

240 100

120 13.1 7.9 11.9#

236 29.1 22.9 34.3



#31

Terphenyl-d14

Concen: 0.578 ng

RT: 19.388 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BN035741.D

Acq: 20 Dec 2024 14:41

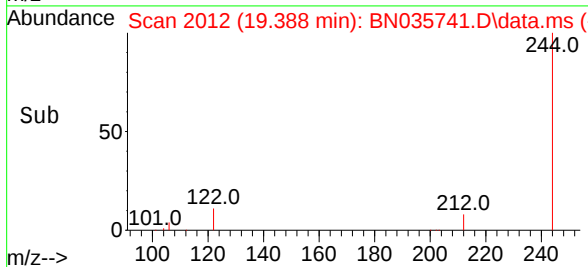
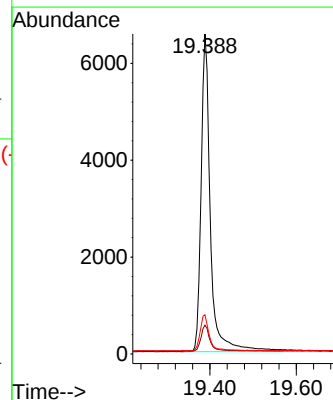
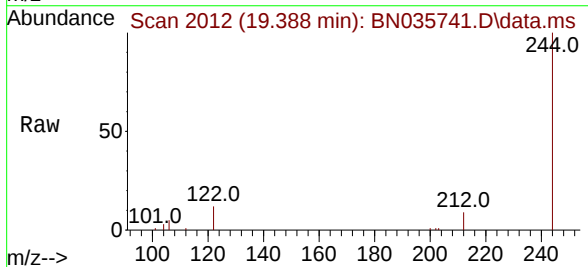
Tgt Ion:244 Resp: 9778

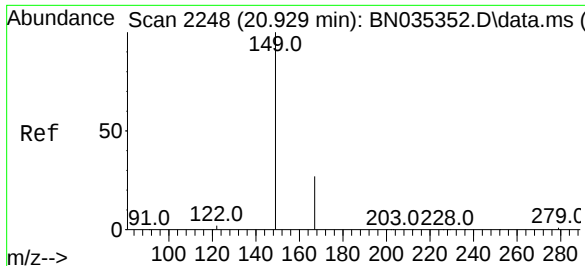
Ion Ratio Lower Upper

244 100

212 9.0 8.1 12.1

122 12.3 10.3 15.5

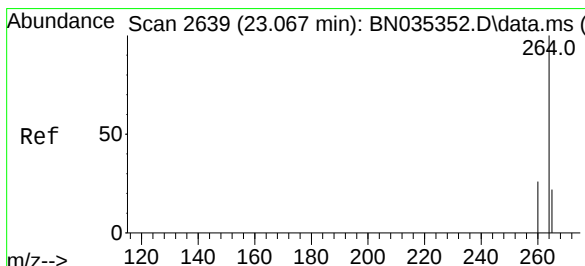
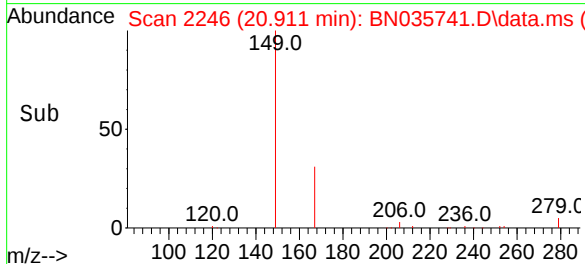
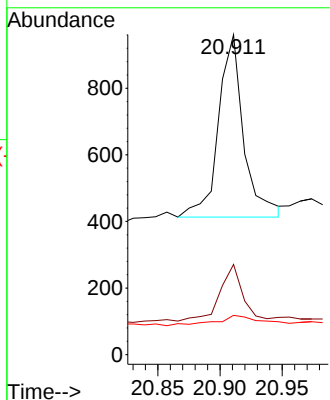
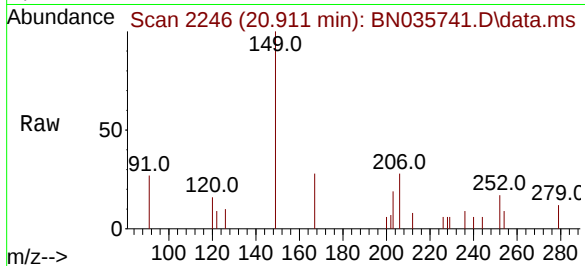




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.065 ng
RT: 20.911 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

Instrument :
BNA_N
ClientSampleId :
DUP-02-20241210

Tgt Ion:149 Resp: 775
Ion Ratio Lower Upper
149 100
167 29.8 22.2 33.4
279 10.3 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.044 min Scan# 2631
Delta R.T. 0.003 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

Tgt Ion:264 Resp: 8598
Ion Ratio Lower Upper
264 100
260 26.7 21.4 32.2
265 82.6 40.2 60.4#

