

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035752.D
 Acq On : 20 Dec 2024 21:21
 Operator : RC/JU
 Sample : P5261-09DL 2X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20241210DL

Quant Time: Dec 21 01:43:50 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)

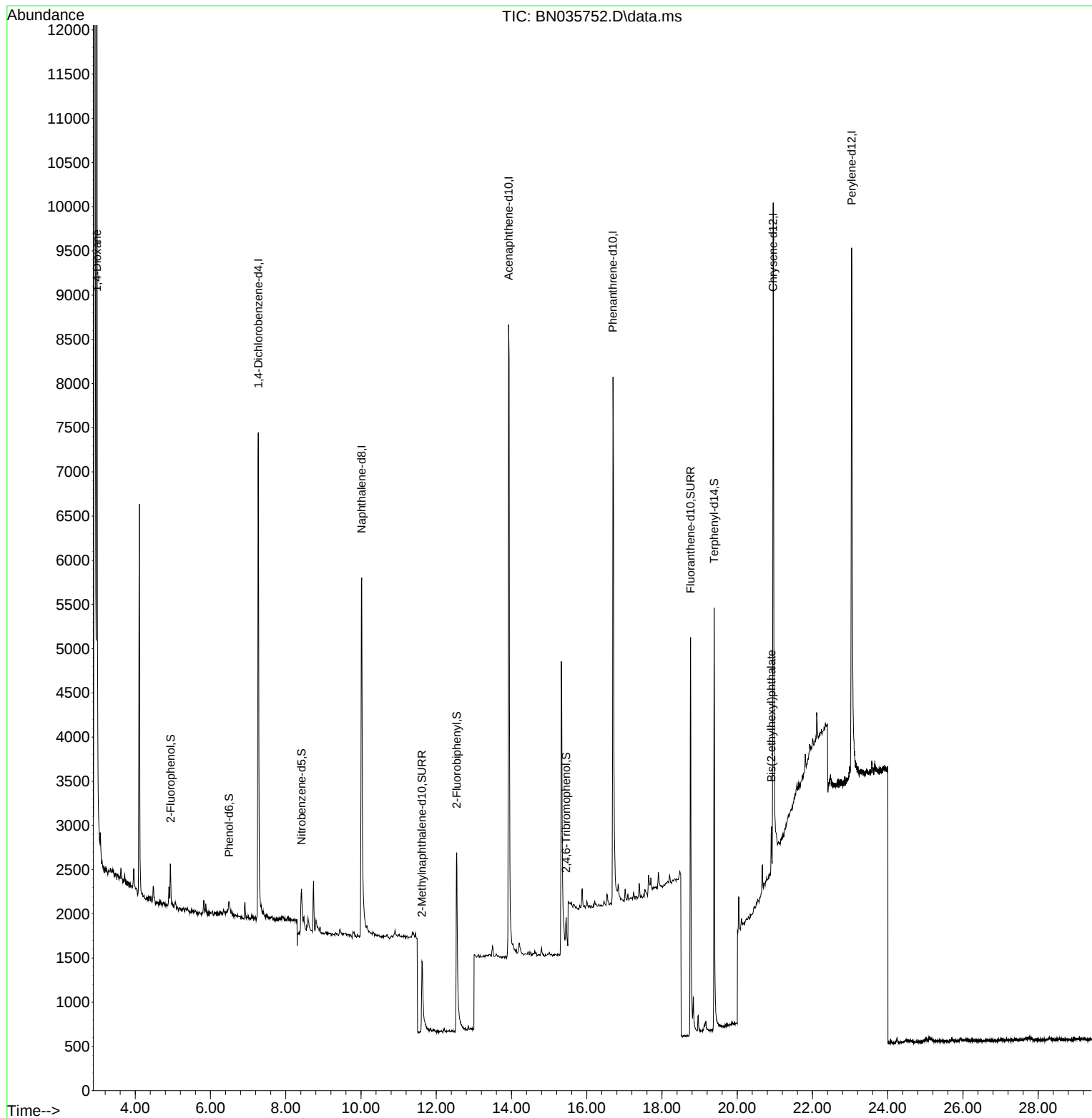
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.271	152	3092	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8022	0.400	ng	# 0.00
13) Acenaphthene-d10	13.924	164	5392	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	11029	0.400	ng	# 0.00
29) Chrysene-d12	20.955	240	9477	0.400	ng	# 0.00
35) Perylene-d12	23.044	264	9623	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.938	112	457	0.059	ng	0.00
5) Phenol-d6	6.491	99	227	0.024	ng	0.00
8) Nitrobenzene-d5	8.418	82	1162	0.237	ng	0.01
11) 2-Methylnaphthalene-d10	11.620	152	2145	0.171	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	384	0.100	ng	0.00
15) 2-Fluorobiphenyl	12.543	172	3190	0.157	ng	0.00
27) Fluoranthene-d10	18.761	212	6495	0.208	ng	0.00
31) Terphenyl-d14	19.388	244	5542	0.296	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.981	88	9199	3.112	ng	99
34) Bis(2-ethylhexyl)phtha...	20.911	149	586	0.045	ng	# 93

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

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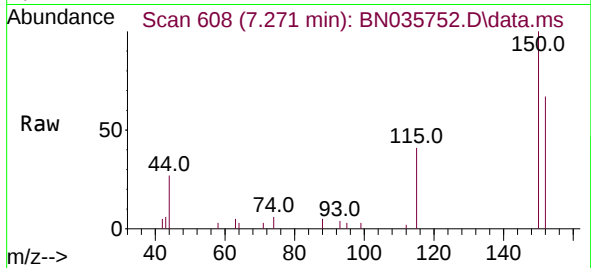
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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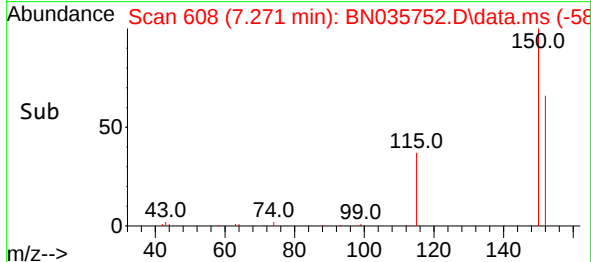
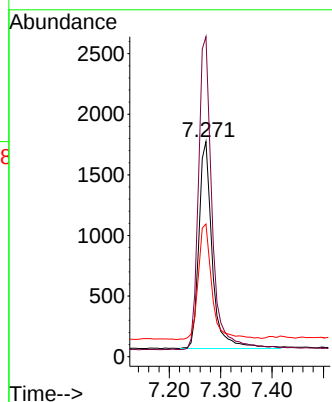


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.271 min Scan# 60
 Delta R.T. -0.001 min
 Lab File: BN035752.D
 Acq: 20 Dec 2024 21:21

Instrument :
 BNA_N
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 RE134D3-20241210DL

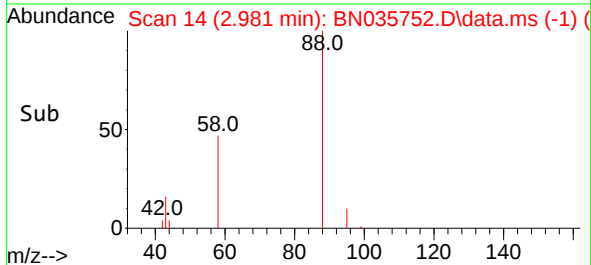
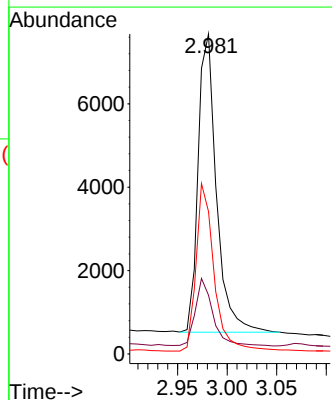
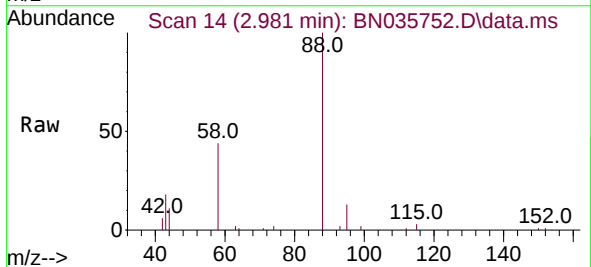


Tgt Ion:152 Resp: 3092
 Ion Ratio Lower Upper
 152 100
 150 148.8 124.0 186.0
 115 61.7 49.6 74.4



#2
 1,4-Dioxane
 Concen: 3.112 ng
 RT: 2.981 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035752.D
 Acq: 20 Dec 2024 21:21

Tgt Ion: 88 Resp: 9199
 Ion Ratio Lower Upper
 88 100
 43 21.9 17.2 25.8
 58 55.3 44.5 66.7

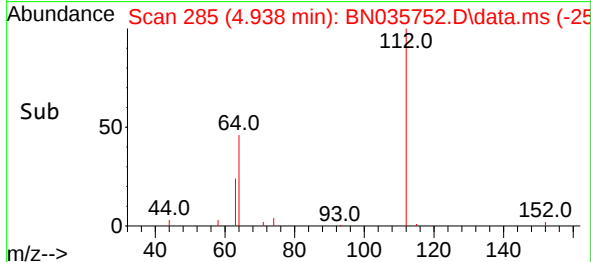
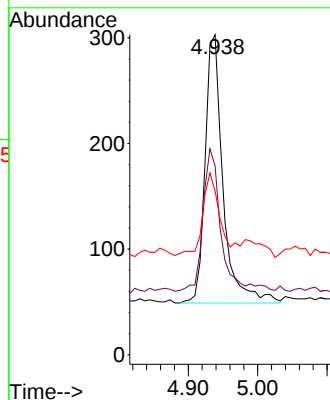
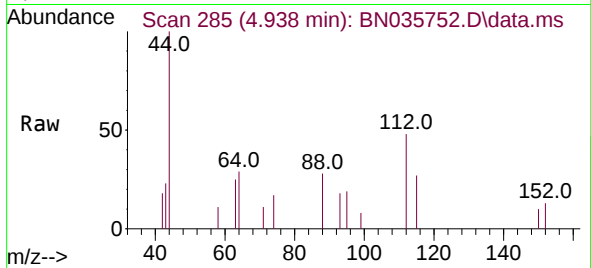




#4
2-Fluorophenol
Concen: 0.059 ng
RT: 4.938 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035752.D
Acq: 20 Dec 2024 21:21

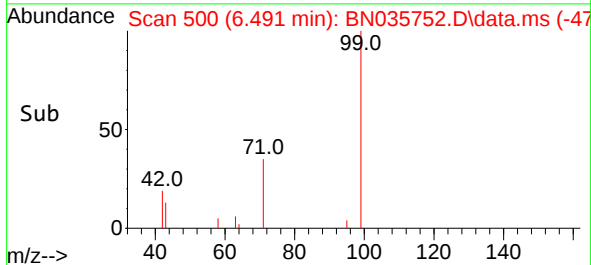
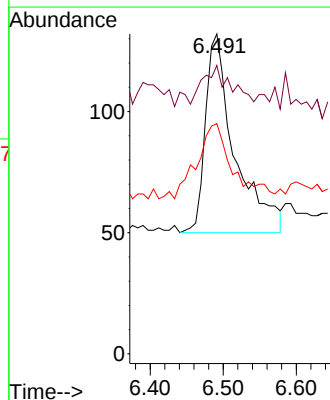
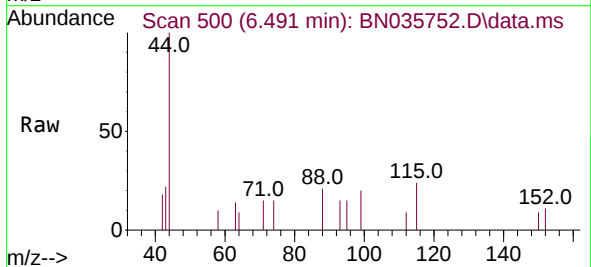
Instrument :
BNA_N
ClientSampleId :
RE134D3-20241210DL

Tgt Ion:112 Resp: 457
Ion Ratio Lower Upper
112 100
64 53.4 39.8 59.8
63 29.5 21.0 31.6



#5
Phenol-d6
Concen: 0.024 ng
RT: 6.491 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035752.D
Acq: 20 Dec 2024 21:21

Tgt Ion: 99 Resp: 227
Ion Ratio Lower Upper
99 100
42 26.0 11.4 17.2#
71 42.3 29.3 43.9

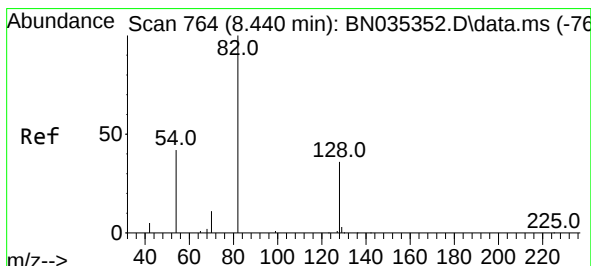
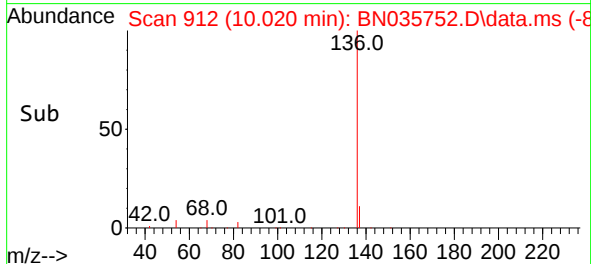
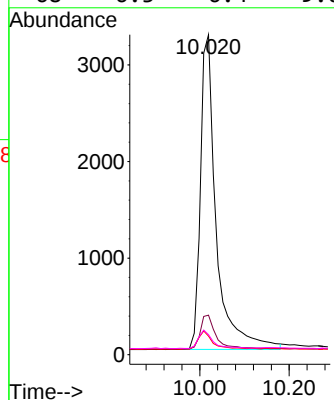
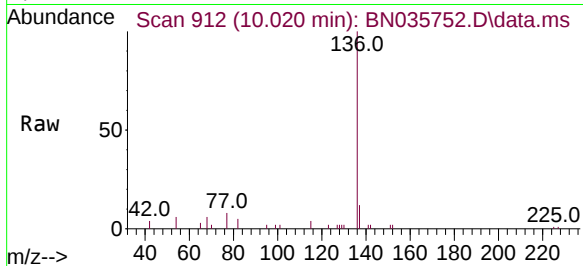




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035752.D
Acq: 20 Dec 2024 21:21

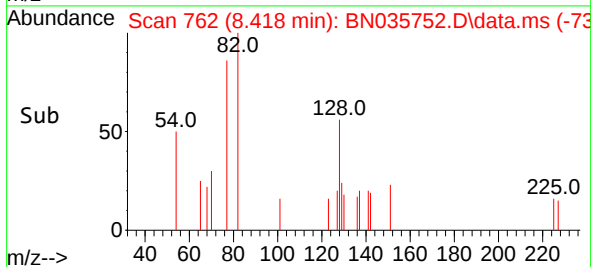
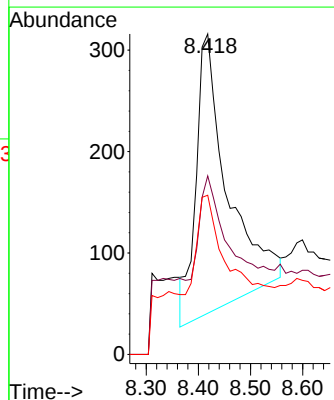
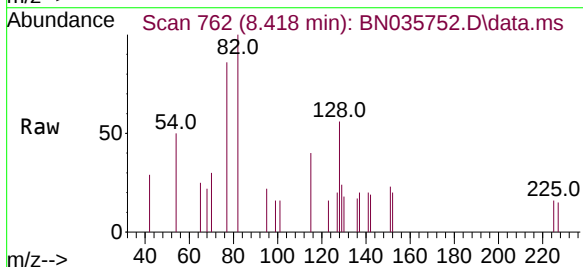
Instrument :
BNA_N
ClientSampleId :
RE134D3-20241210DL

Tgt Ion:	136	Resp:	8022
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.2	15.2
54	5.8	6.1	9.1#
68	6.3	6.4	9.6#



#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 8.418 min Scan# 762
Delta R.T. 0.010 min
Lab File: BN035752.D
Acq: 20 Dec 2024 21:21

Tgt Ion:	82	Resp:	1162
Ion	Ratio	Lower	Upper
82	100		
128	55.7	33.4	50.0#
54	49.7	36.7	55.1

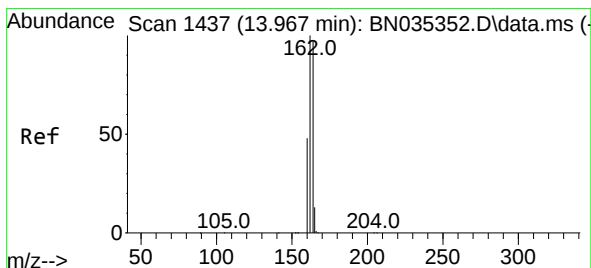
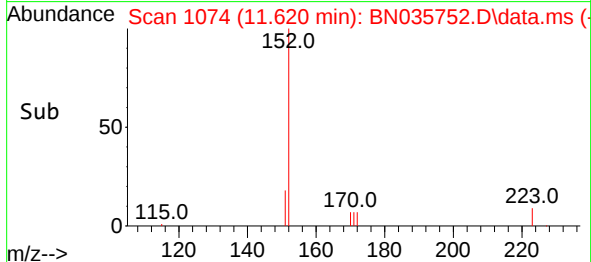
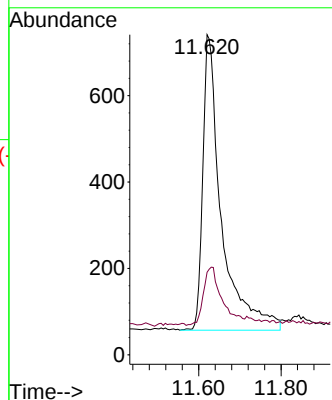
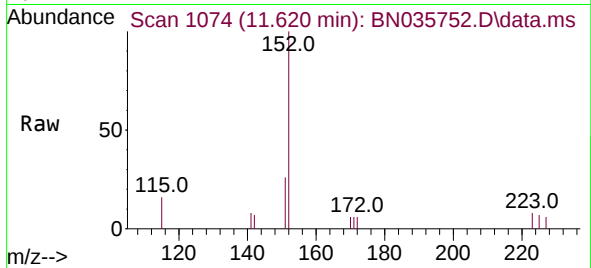




#11
2-Methylnaphthalene-d10
Concen: 0.171 ng
RT: 11.620 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035752.D
Acq: 20 Dec 2024 21:21

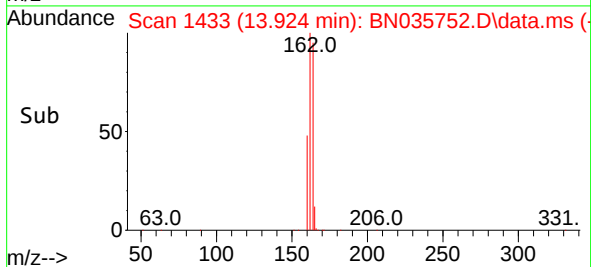
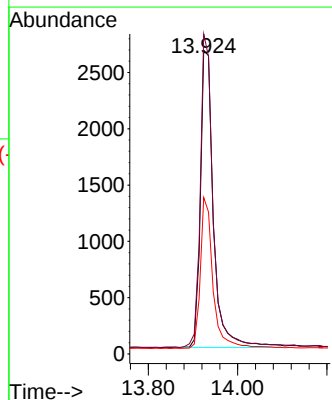
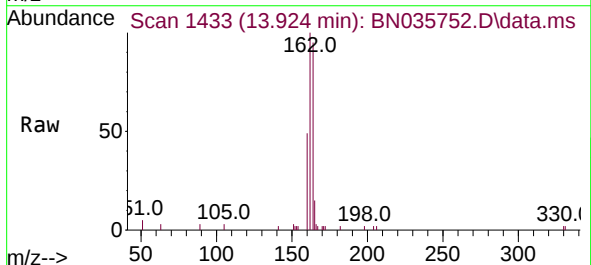
Instrument :
BNA_N
ClientSampleId :
RE134D3-20241210DL

Tgt Ion:152 Resp: 2145
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035752.D
Acq: 20 Dec 2024 21:21

Tgt Ion:164 Resp: 5392
Ion Ratio Lower Upper
164 100
162 105.4 82.2 123.2
160 51.5 40.1 60.1





#14

2,4,6-Tribromophenol

Concen: 0.100 ng

RT: 15.453 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN035752.D

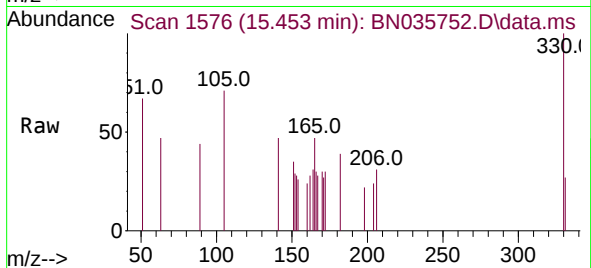
Acq: 20 Dec 2024 21:21

Instrument :

BNA_N

ClientSampleId :

RE134D3-20241210DL



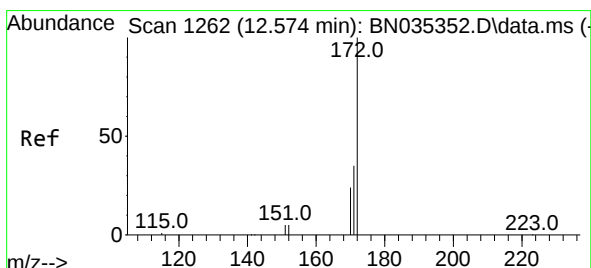
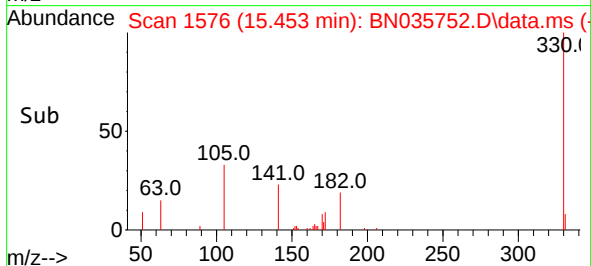
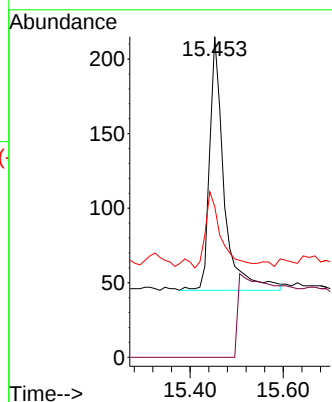
Tgt Ion:330 Resp: 384

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 31.5 26.6 40.0



#15

2-Fluorobiphenyl

Concen: 0.157 ng

RT: 12.543 min Scan# 1256

Delta R.T. -0.000 min

Lab File: BN035752.D

Acq: 20 Dec 2024 21:21

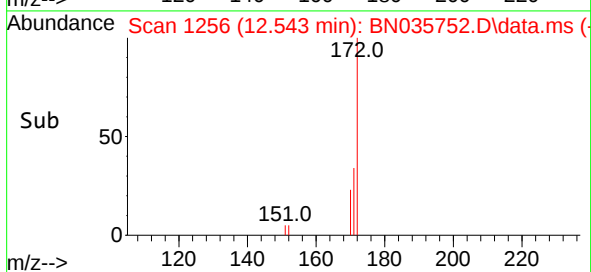
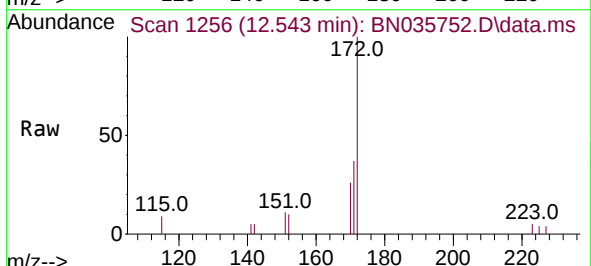
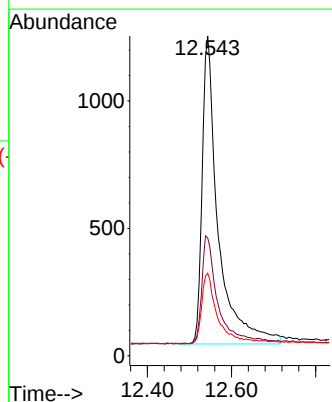
Tgt Ion:172 Resp: 3190

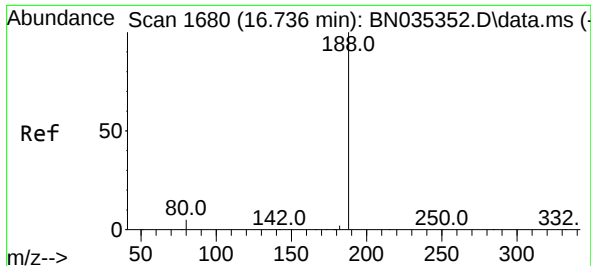
Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.4

170 25.8 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.698 min Scan# 11029

Delta R.T. -0.000 min

Lab File: BN035752.D

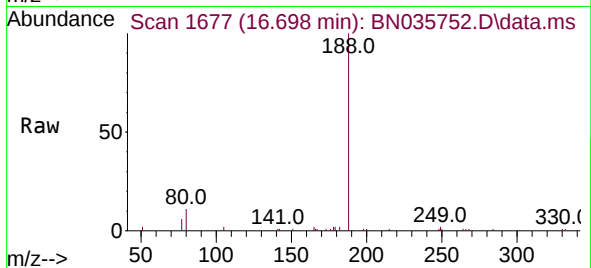
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BNA_N

ClientSampleId :

RE134D3-20241210DL



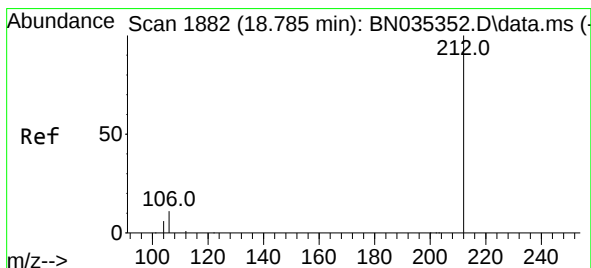
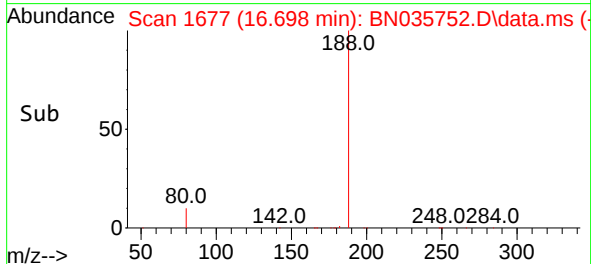
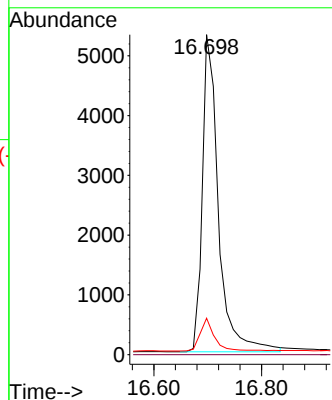
Tgt Ion:188 Resp: 11029

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 4.6 6.8#



#27

Fluoranthene-d10

Concen: 0.208 ng

RT: 18.761 min Scan# 1877

Delta R.T. -0.000 min

Lab File: BN035752.D

Acq: 20 Dec 2024 21:21

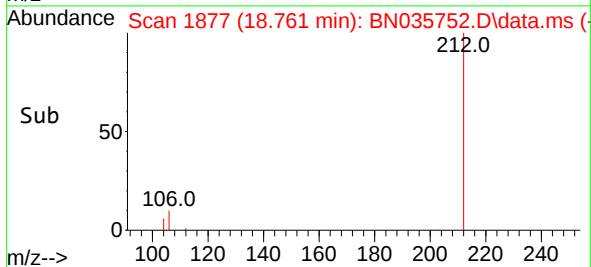
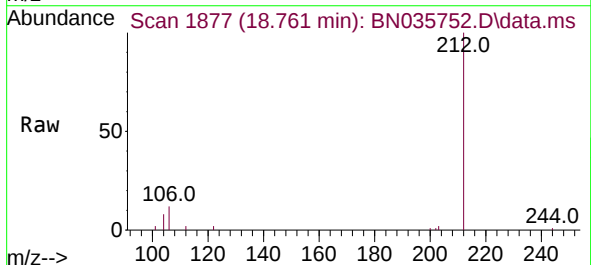
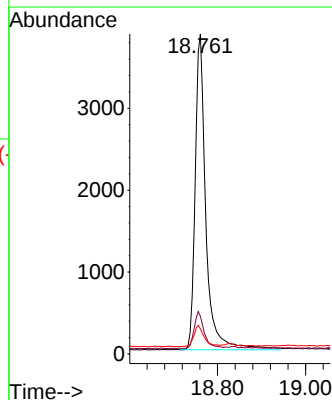
Tgt Ion:212 Resp: 6495

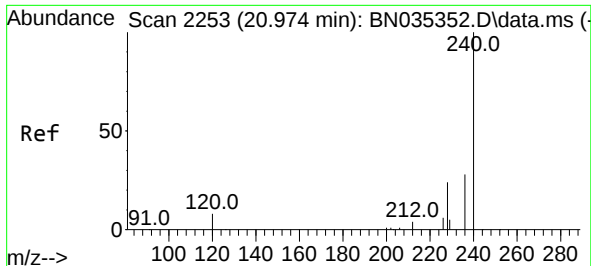
Ion Ratio Lower Upper

212 100

106 11.0 9.2 13.8

104 6.4 5.3 7.9

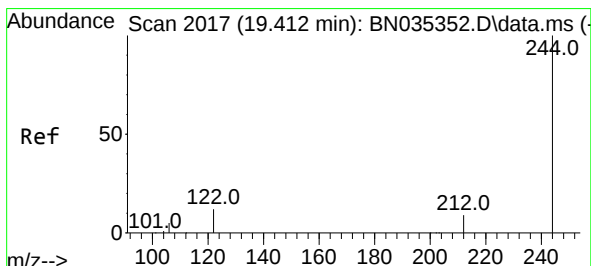
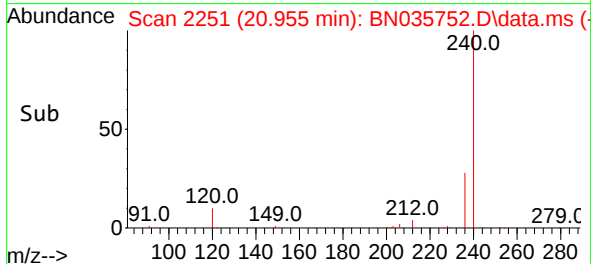
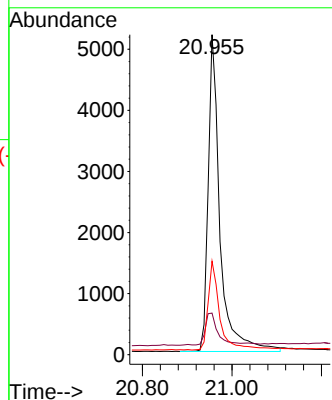
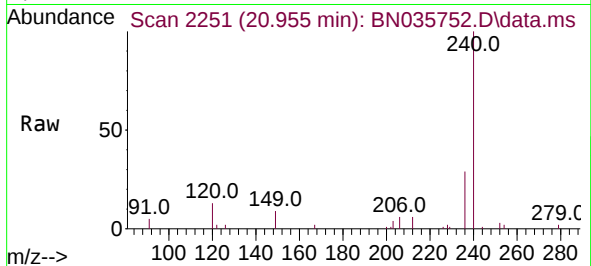




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.955 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035752.D
Acq: 20 Dec 2024 21:21

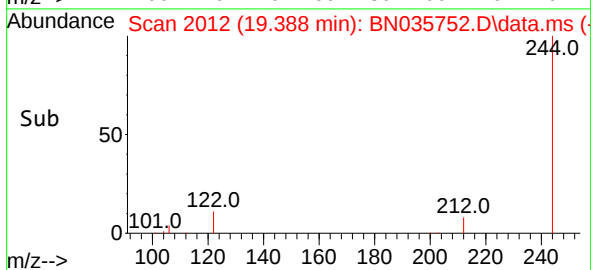
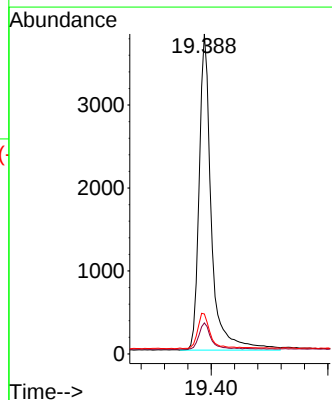
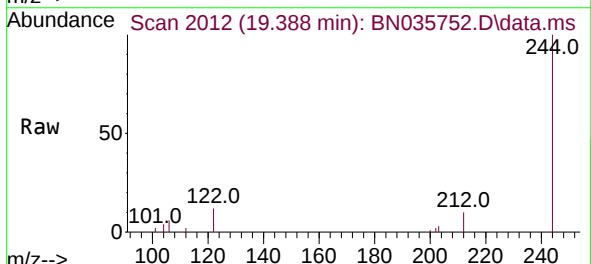
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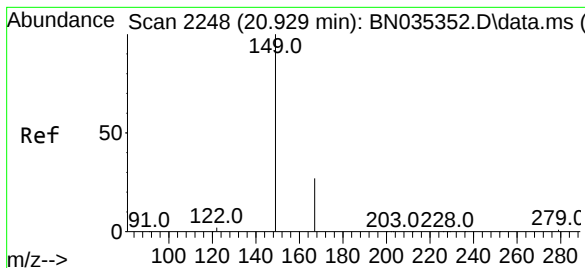
Tgt Ion:240 Resp: 9477
Ion Ratio Lower Upper
240 100
120 13.0 7.9 11.9#
236 29.2 22.9 34.3



#31
Terphenyl-d14
Concen: 0.296 ng
RT: 19.388 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035752.D
Acq: 20 Dec 2024 21:21

Tgt Ion:244 Resp: 5542
Ion Ratio Lower Upper
244 100
212 9.7 8.1 12.1
122 12.5 10.3 15.5

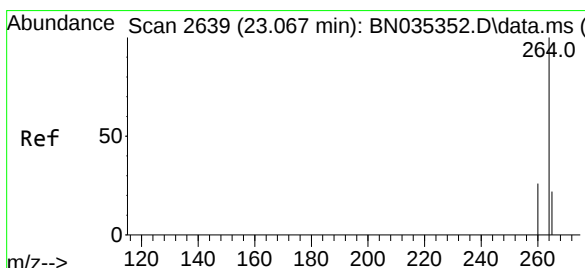
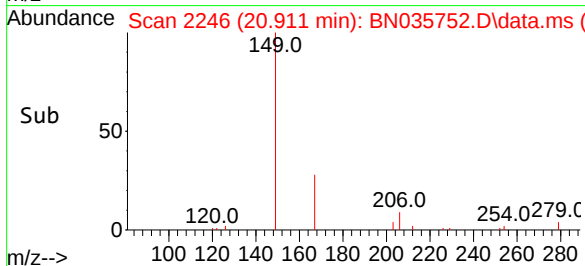
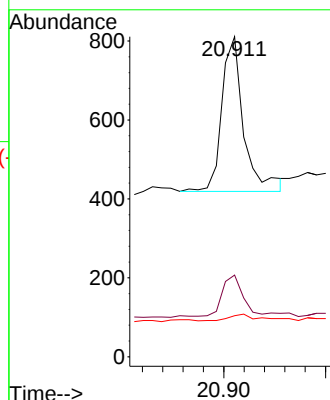
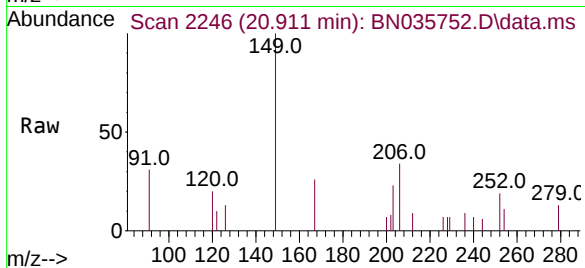




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.045 ng
 RT: 20.911 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN035752.D
 Acq: 20 Dec 2024 21:21

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20241210DL

Tgt Ion:149 Resp: 586
 Ion Ratio Lower Upper
 149 100
 167 24.4 22.2 33.4
 279 6.5 2.7 4.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.044 min Scan# 2631
 Delta R.T. 0.002 min
 Lab File: BN035752.D
 Acq: 20 Dec 2024 21:21

Tgt Ion:264 Resp: 9623
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.4 32.2
 265 74.2 40.2 60.4#

