

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035726.D
 Acq On : 20 Dec 2024 04:22
 Operator : RC/JU
 Sample : P5261-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20241210

Quant Time: Dec 20 04:43:58 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

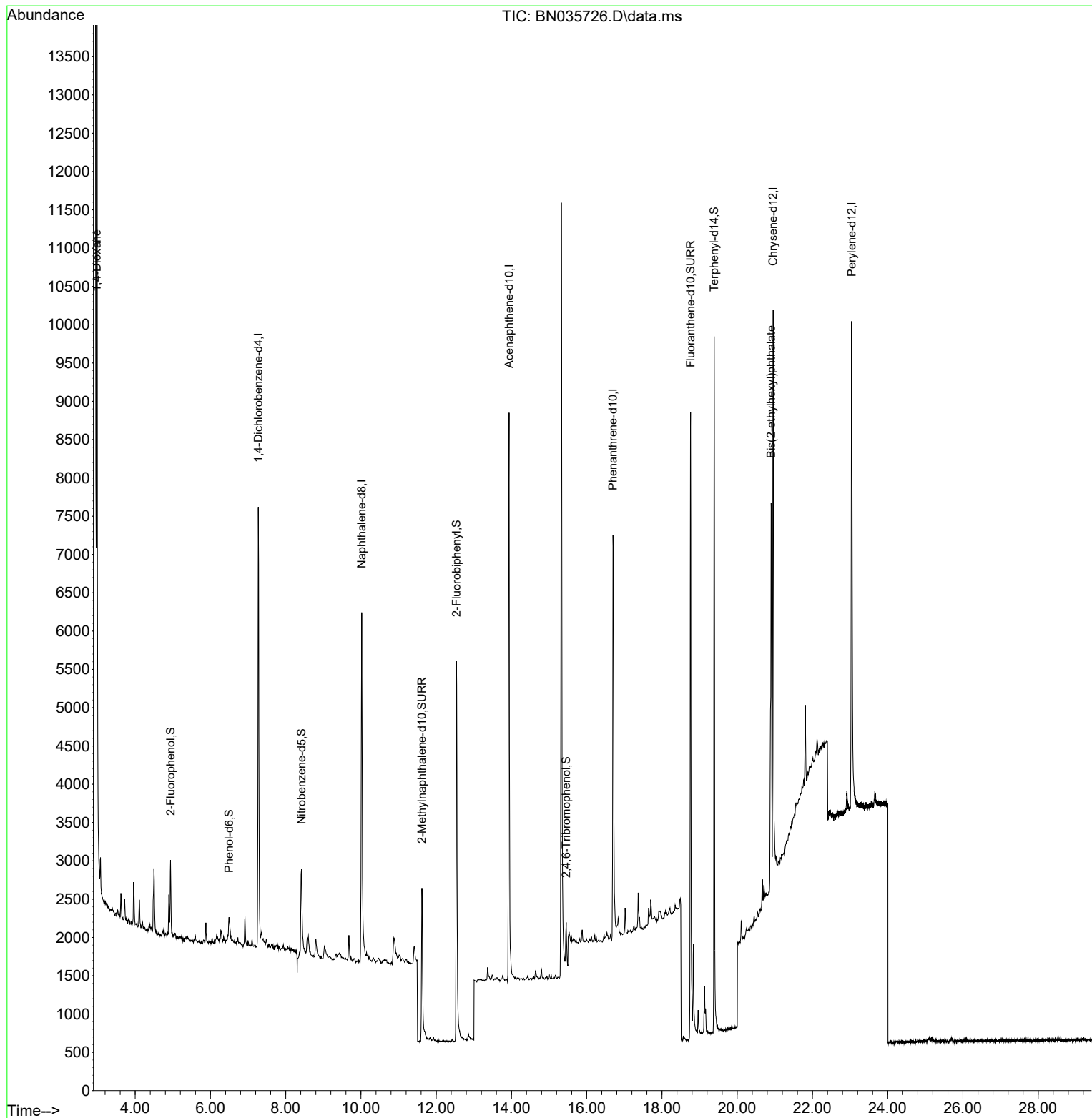
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.271	152	2948	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7525	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	4789	0.400	ng	0.00
19) Phenanthrene-d10	16.698	188	9505	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	8457	0.400	ng	0.00
35) Perylene-d12	23.044	264	9186	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	882	0.120	ng	0.00
5) Phenol-d6	6.492	99	557	0.063	ng	0.00
8) Nitrobenzene-d5	8.418	82	1995	0.434	ng	0.01
11) 2-Methylnaphthalene-d10	11.621	152	3810	0.324	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	632	0.186	ng	0.00
15) 2-Fluorobiphenyl	12.538	172	5628	0.311	ng	0.00
27) Fluoranthene-d10	18.761	212	10917	0.405	ng	0.00
31) Terphenyl-d14	19.388	244	9852	0.591	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	19948	7.078	ng	98
34) Bis(2-ethylhexyl)phtha...	20.902	149	7348	0.629	ng	97

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

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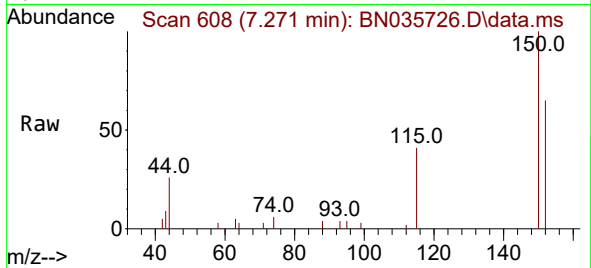
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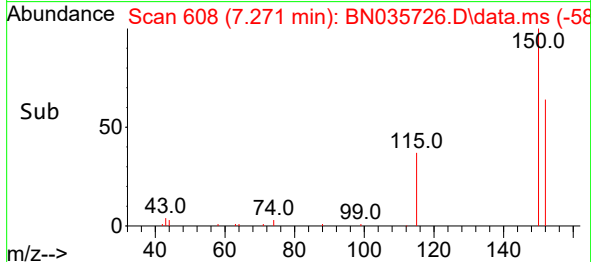
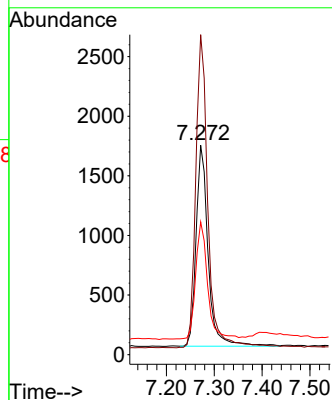


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.001 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

Instrument :
BNA_N
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RE125D2-20241210

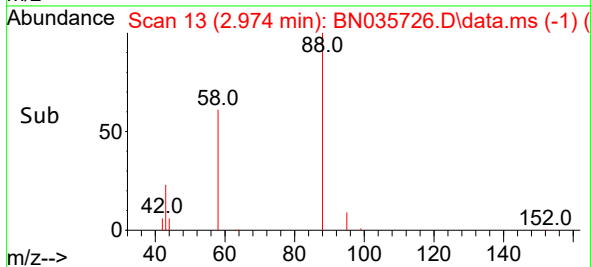
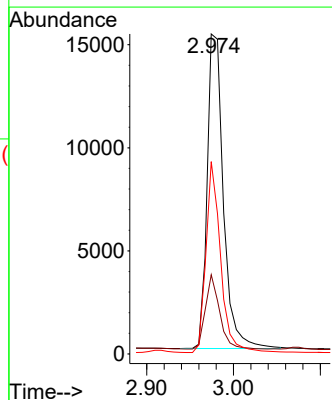
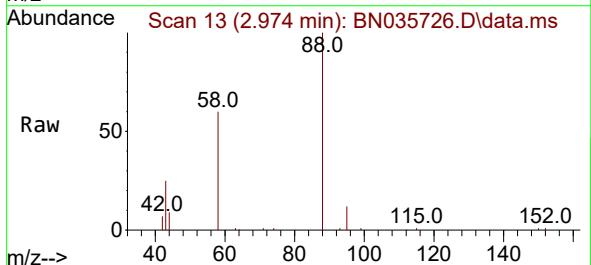


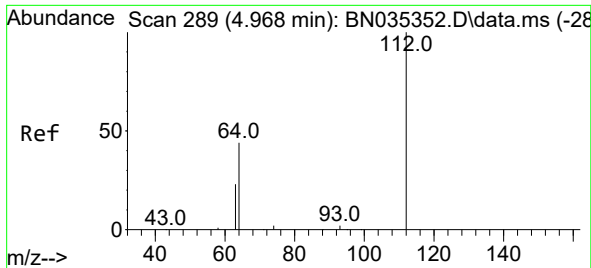
Tgt Ion:152 Resp: 2948
Ion Ratio Lower Upper
152 100
150 152.8 124.0 186.0
115 63.4 49.6 74.4



#2
1,4-Dioxane
Concen: 7.078 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

Tgt Ion: 88 Resp: 19948
Ion Ratio Lower Upper
88 100
43 20.6 17.2 25.8
58 54.5 44.5 66.7

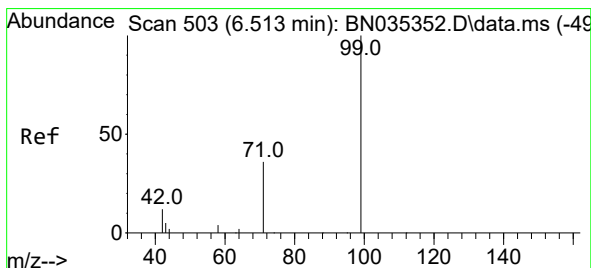
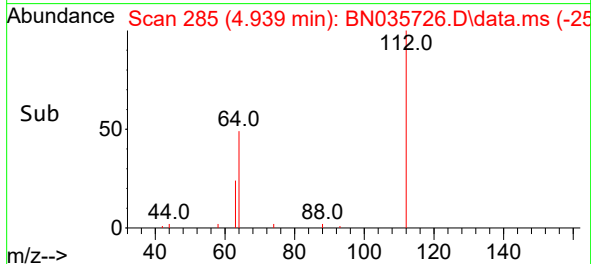
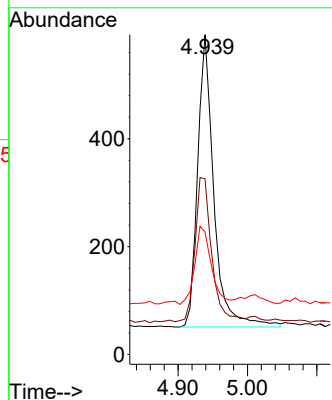
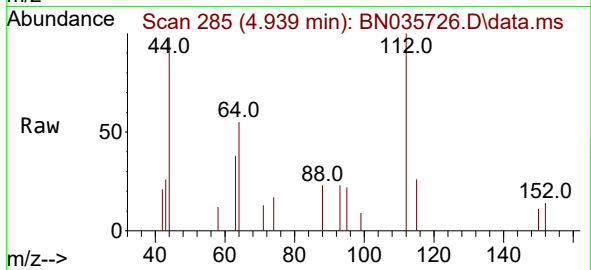




#4
2-Fluorophenol
Concen: 0.120 ng
RT: 4.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

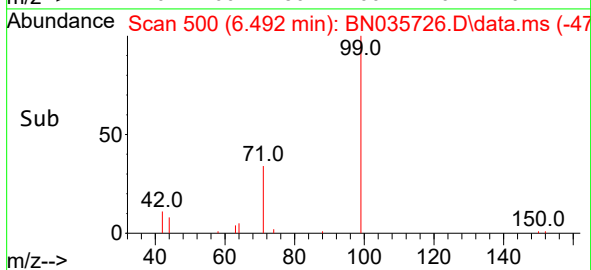
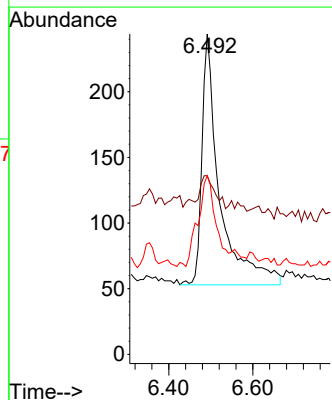
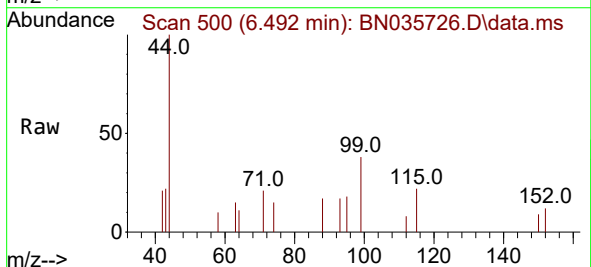
Instrument :
BNA_N
ClientSampleId :
RE125D2-20241210

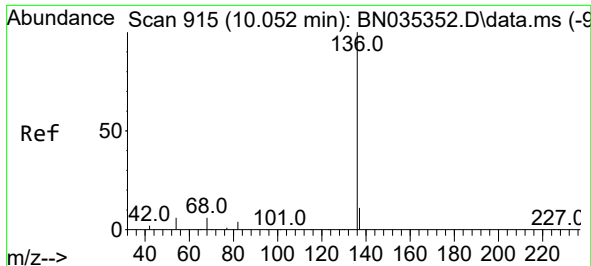
Tgt Ion:112 Resp: 882
Ion Ratio Lower Upper
112 100
64 50.2 39.8 59.8
63 27.0 21.0 31.6



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

Tgt Ion: 99 Resp: 557
Ion Ratio Lower Upper
99 100
42 9.0 11.4 17.2#
71 36.6 29.3 43.9

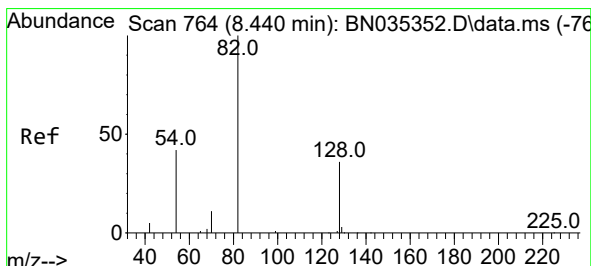
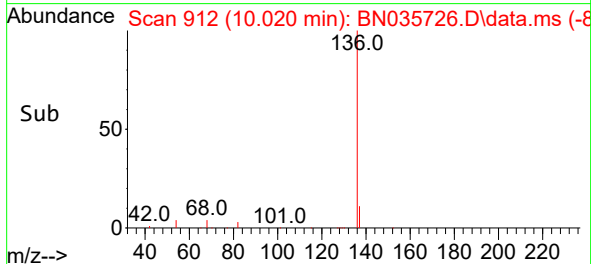
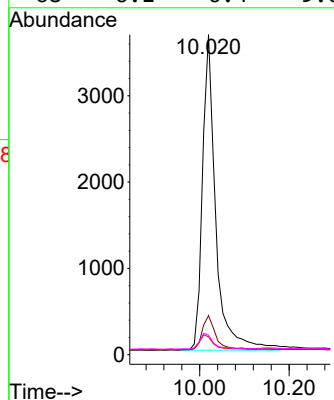
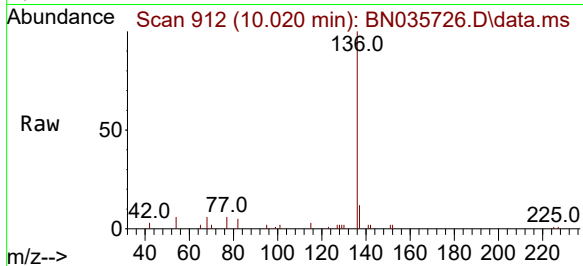




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

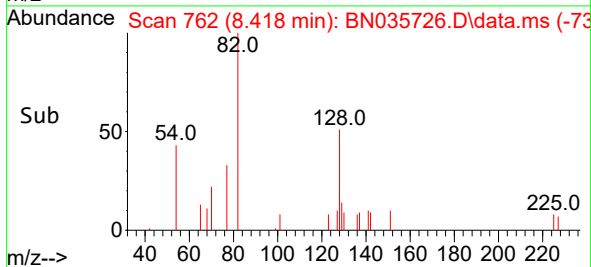
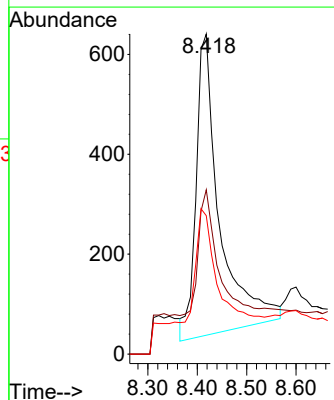
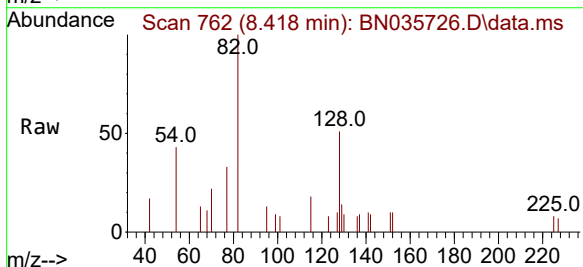
Instrument :
BNA_N
ClientSampleId :
RE125D2-20241210

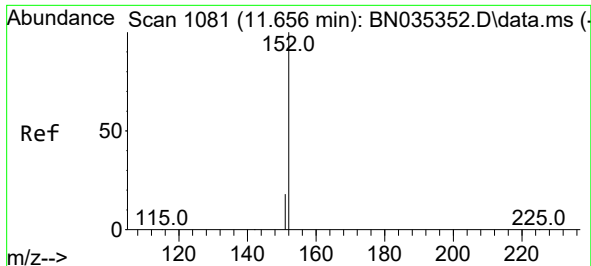
Tgt Ion:	136	Resp:	7525
Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.2	15.2
54	5.6	6.1	9.1#
68	6.1	6.4	9.6#



#8
Nitrobenzene-d5
Concen: 0.434 ng
RT: 8.418 min Scan# 762
Delta R.T. 0.010 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

Tgt Ion:	82	Resp:	1995
Ion	Ratio	Lower	Upper
82	100		
128	51.3	33.4	50.0#
54	43.2	36.7	55.1

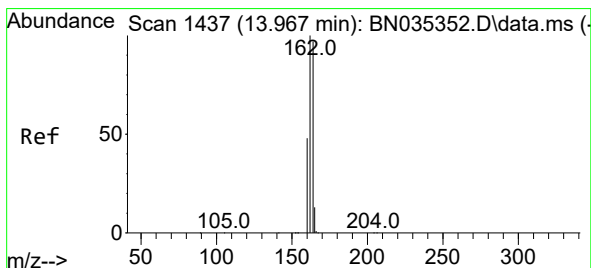
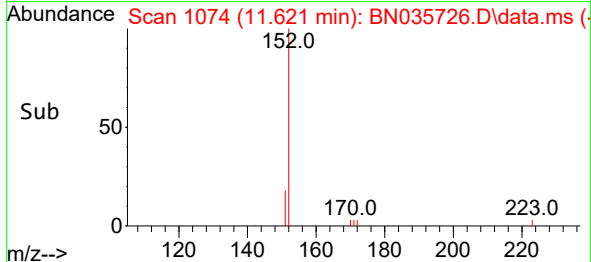
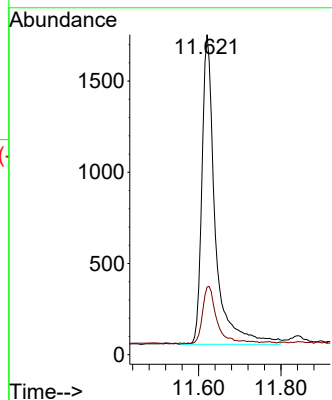
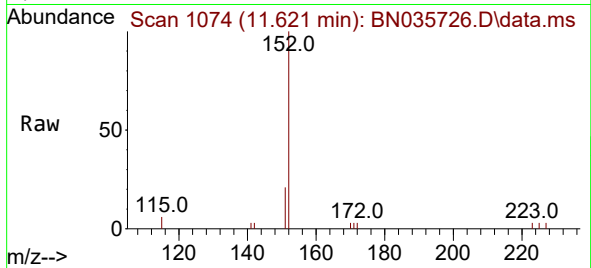




#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 11.621 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

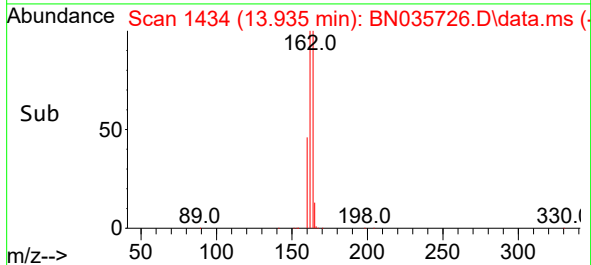
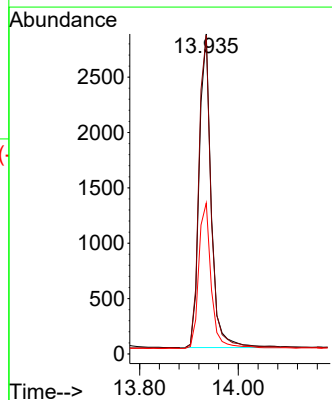
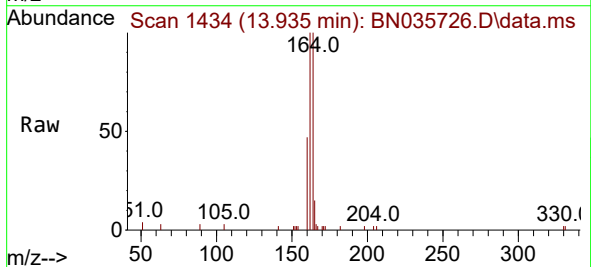
Instrument :
BNA_N
ClientSampleId :
RE125D2-20241210

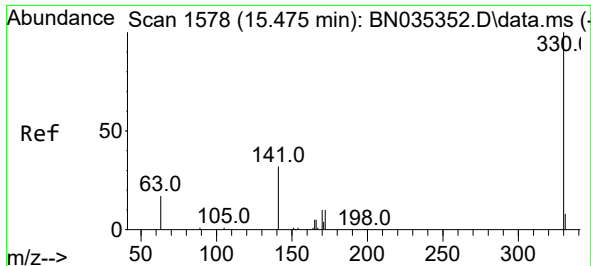
Tgt Ion:152 Resp: 3810
Ion Ratio Lower Upper
152 100
151 19.2 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

Tgt Ion:164 Resp: 4789
Ion Ratio Lower Upper
164 100
162 99.6 82.2 123.2
160 47.1 40.1 60.1

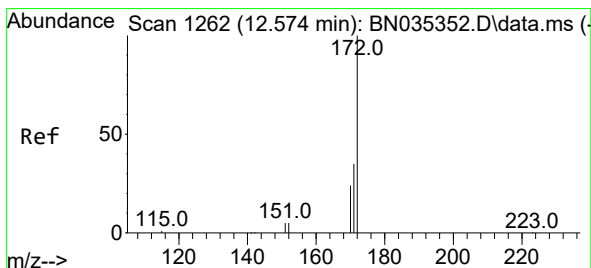
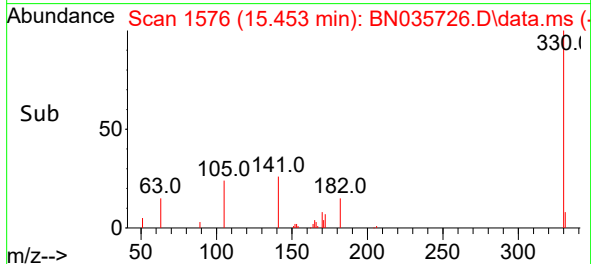
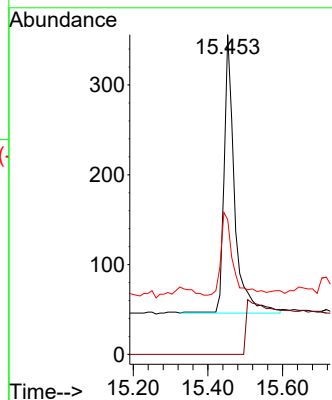
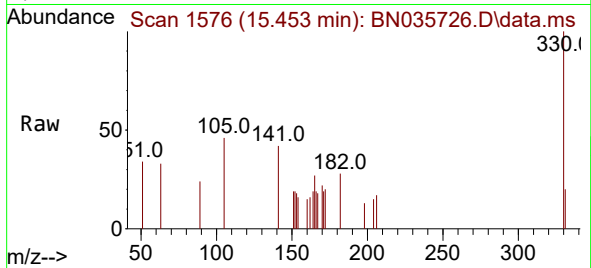




#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

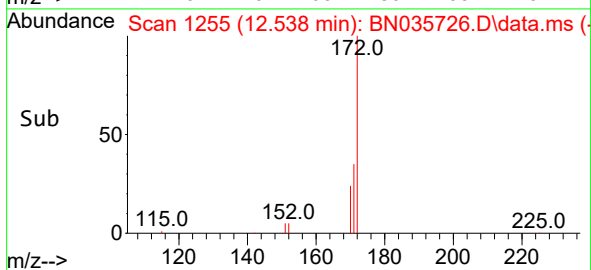
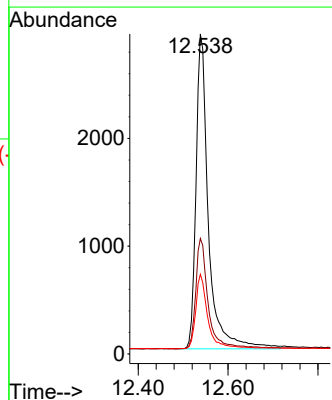
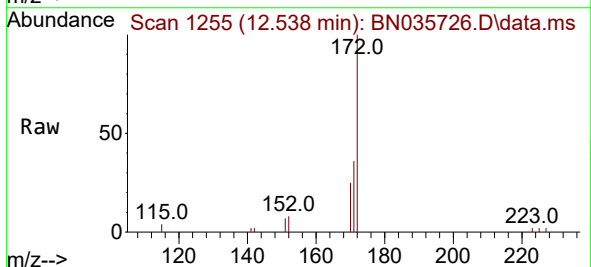
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ClientSampleId :
RE125D2-20241210

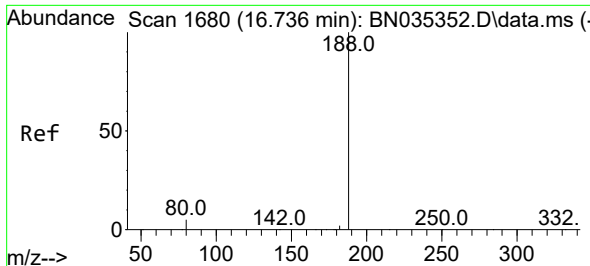
Tgt Ion:330 Resp: 632
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.9 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.538 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

Tgt Ion:172 Resp: 5628
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.9 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.698 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN035726.D

Acq: 20 Dec 2024 04:22

Instrument :

BNA_N

ClientSampleId :

RE125D2-20241210

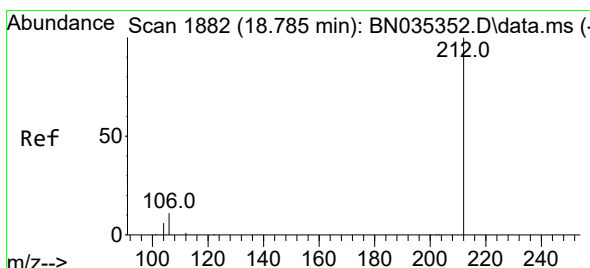
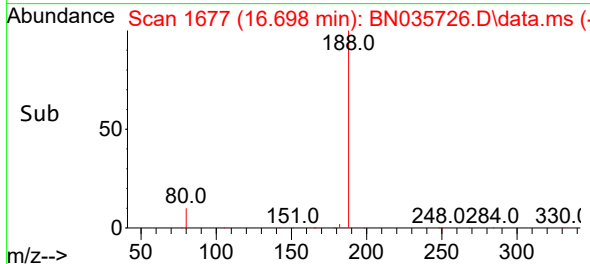
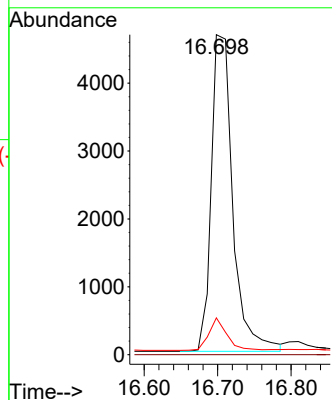
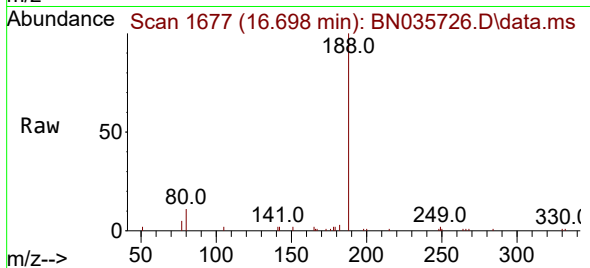
Tgt Ion:188 Resp: 9505

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 4.6 6.8#



#27

Fluoranthene-d10

Concen: 0.405 ng

RT: 18.761 min Scan# 1877

Delta R.T. -0.000 min

Lab File: BN035726.D

Acq: 20 Dec 2024 04:22

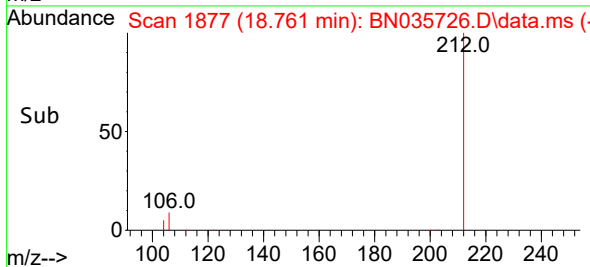
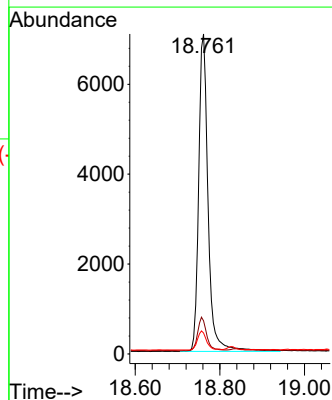
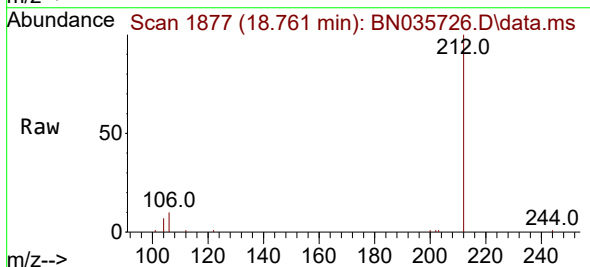
Tgt Ion:212 Resp: 10917

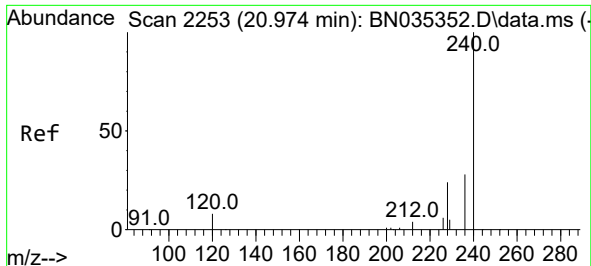
Ion Ratio Lower Upper

212 100

106 10.1 9.2 13.8

104 5.8 5.3 7.9

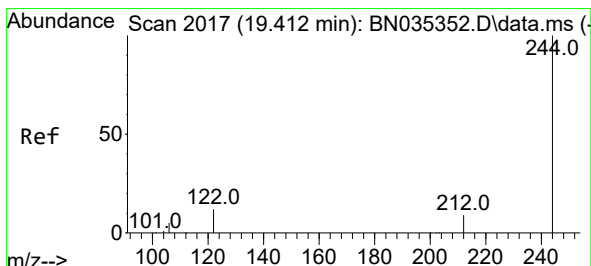
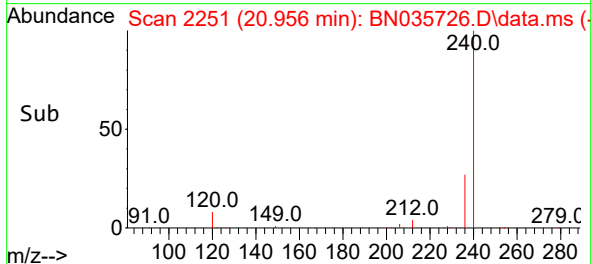
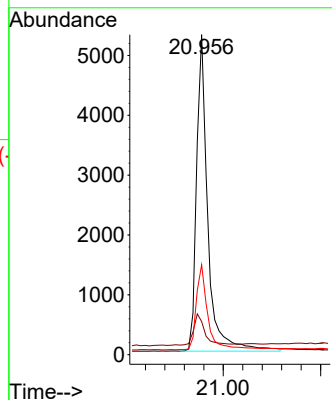
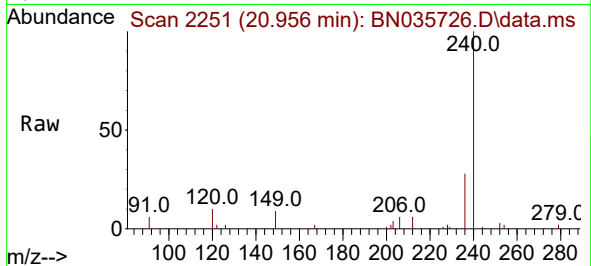




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

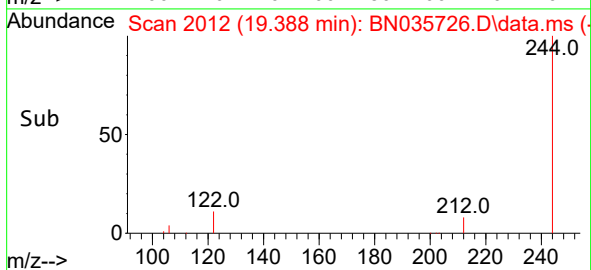
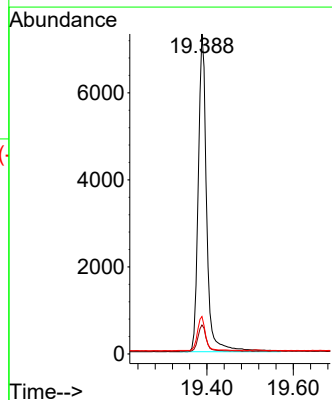
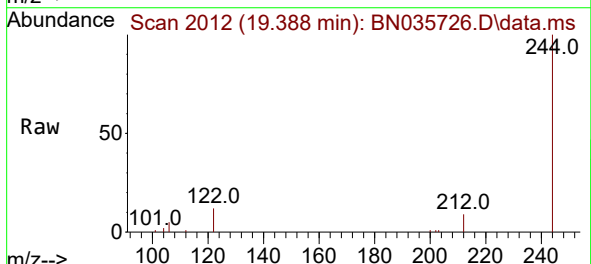
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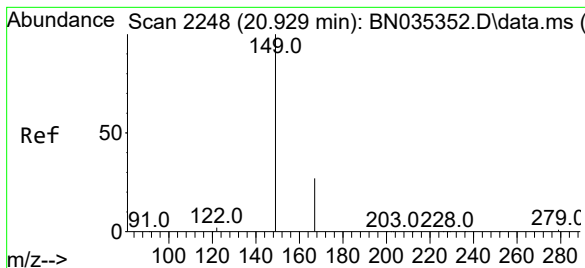
Tgt Ion:240 Resp: 8457
Ion Ratio Lower Upper
240 100
120 10.3 7.9 11.9
236 28.1 22.9 34.3



#31
Terphenyl-d14
Concen: 0.591 ng
RT: 19.388 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035726.D
Acq: 20 Dec 2024 04:22

Tgt Ion:244 Resp: 9852
Ion Ratio Lower Upper
244 100
212 9.1 8.1 12.1
122 11.7 10.3 15.5

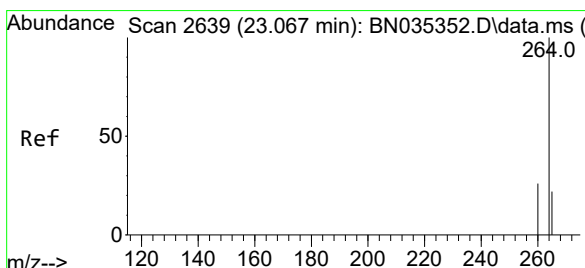
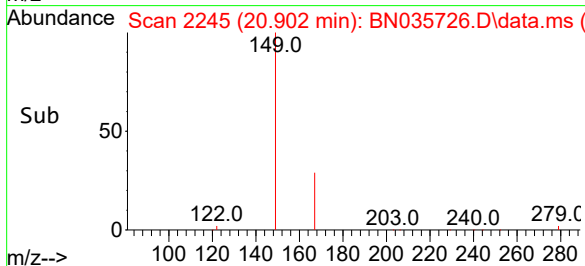
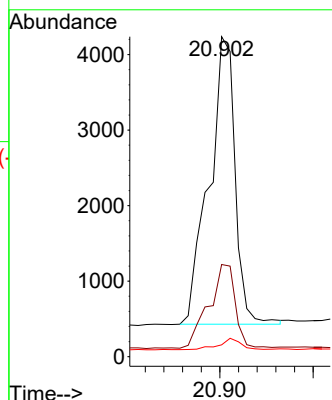
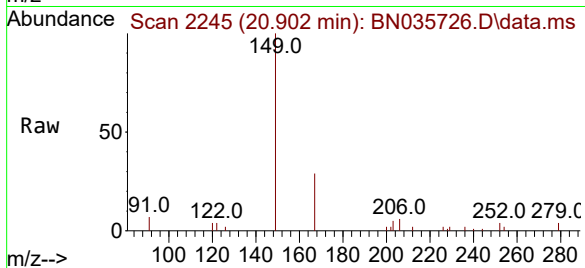




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.629 ng
 RT: 20.902 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN035726.D
 Acq: 20 Dec 2024 04:22

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20241210

Tgt Ion:149 Resp: 7348
 Ion Ratio Lower Upper
 149 100
 167 29.7 22.2 33.4
 279 3.2 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: BN035726.D
 Acq: 20 Dec 2024 04:22

Tgt Ion:264 Resp: 9186
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.4 32.2
 265 71.7 40.2 60.4#

