

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035722.D
 Acq On : 20 Dec 2024 01:58
 Operator : RC/JU
 Sample : P5261-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20241210

Quant Time: Dec 20 02:56:33 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

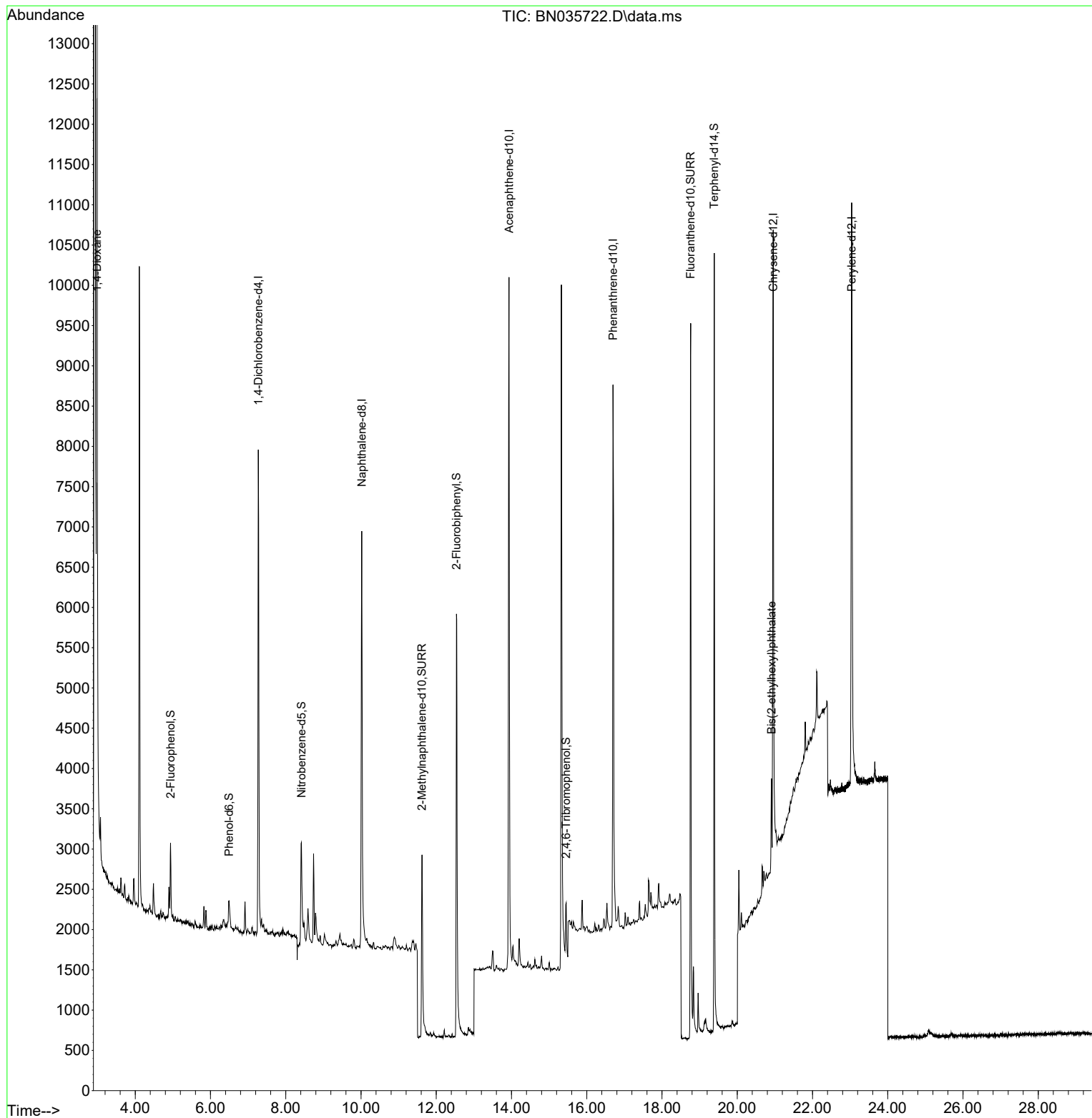
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	3093	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8301	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5668	0.400	ng	0.00
19) Phenanthrene-d10	16.698	188	10939	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	9533	0.400	ng	0.00
35) Perylene-d12	23.041	264	10502	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	831	0.107	ng	0.00
5) Phenol-d6	6.492	99	451	0.048	ng	0.00
8) Nitrobenzene-d5	8.418	82	2165	0.427	ng	0.01
11) 2-Methylnaphthalene-d10	11.621	152	4235	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	752	0.187	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	6159	0.287	ng	0.00
27) Fluoranthene-d10	18.761	212	11492	0.371	ng	0.00
31) Terphenyl-d14	19.389	244	10221	0.544	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	16883	5.710	ng	99
34) Bis(2-ethylhexyl)phtha...	20.911	149	1118	0.085	ng	# 99

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

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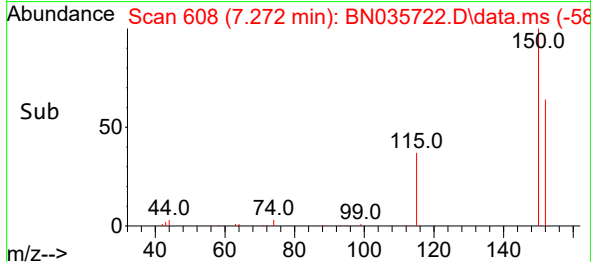
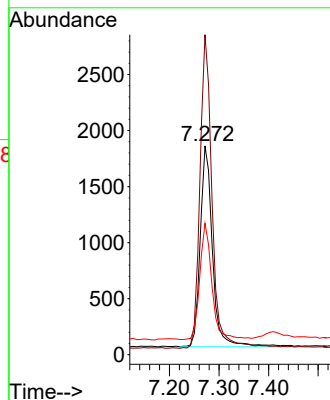
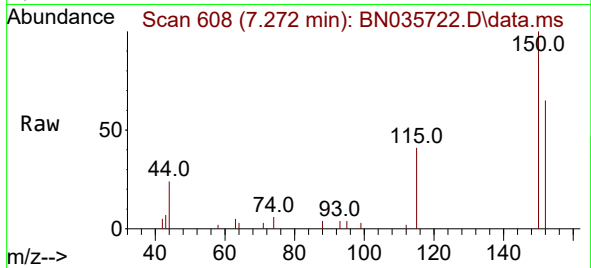




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

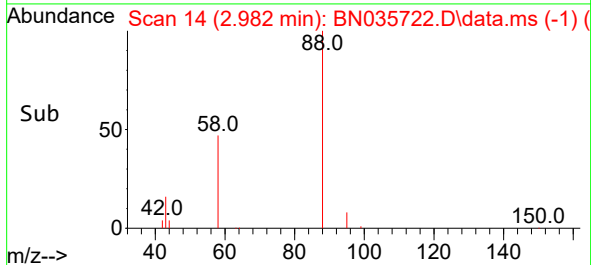
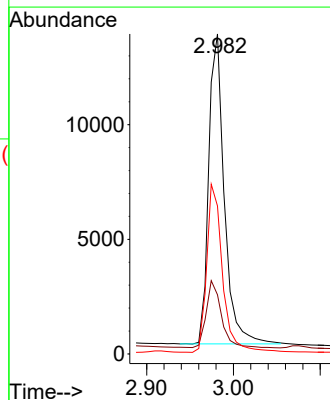
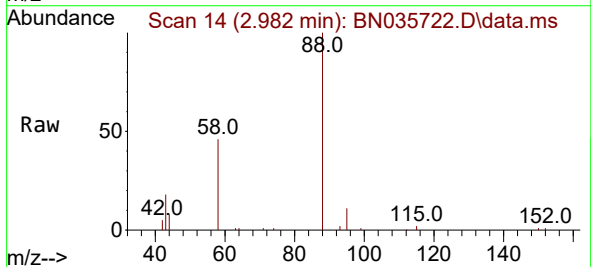
Instrument :
BNA_N
ClientSampleId :
RE134D3-20241210

Tgt Ion:152 Resp: 3093
Ion Ratio Lower Upper
152 100
150 153.3 124.0 186.0
115 62.9 49.6 74.4

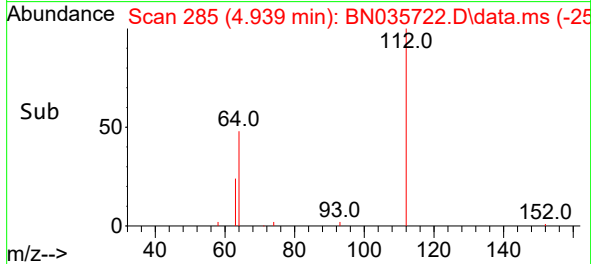
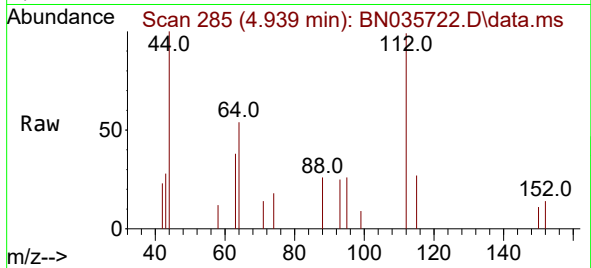
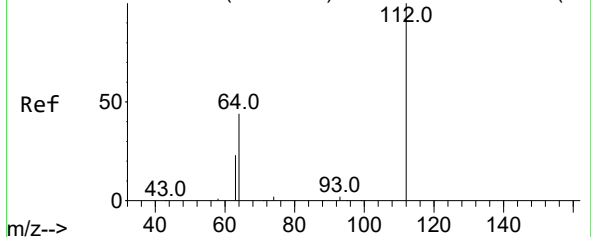


#2
1,4-Dioxane
Concen: 5.710 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

Tgt Ion: 88 Resp: 16883
Ion Ratio Lower Upper
88 100
43 21.1 17.2 25.8
58 54.9 44.5 66.7



Abundance Scan 289 (4.968 min): BN035352.D\data.ms (-28



#4

2-Fluorophenol

Concen: 0.107 ng

RT: 4.939 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN035722.D

Acq: 20 Dec 2024 01:58

Instrument :

BNA_N

ClientSampleId :

RE134D3-20241210

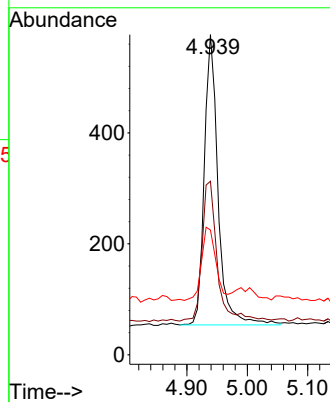
Tgt Ion:112 Resp: 831

Ion Ratio Lower Upper

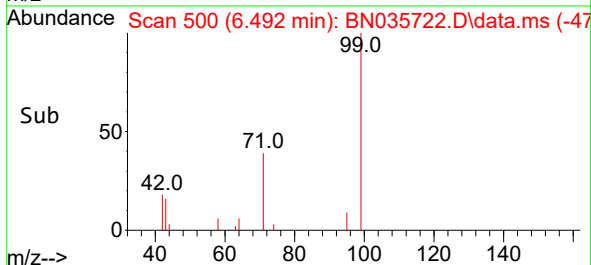
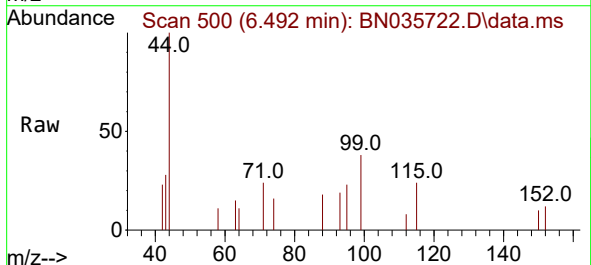
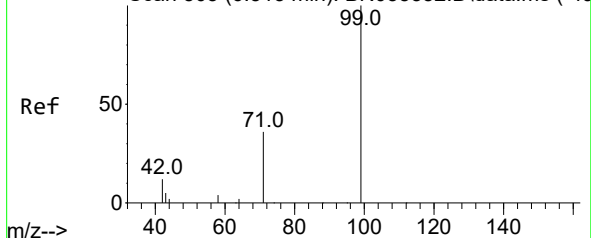
112 100

64 52.9 39.8 59.8

63 27.3 21.0 31.6



Abundance Scan 503 (6.513 min): BN035352.D\data.ms (-49



#5

Phenol-d6

Concen: 0.048 ng

RT: 6.492 min Scan# 500

Delta R.T. -0.000 min

Lab File: BN035722.D

Acq: 20 Dec 2024 01:58

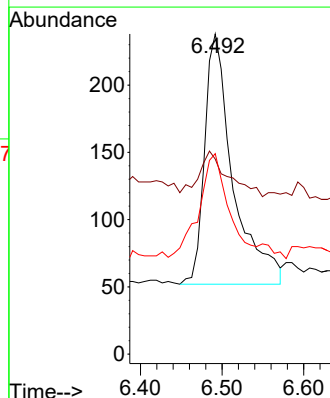
Tgt Ion: 99 Resp: 451

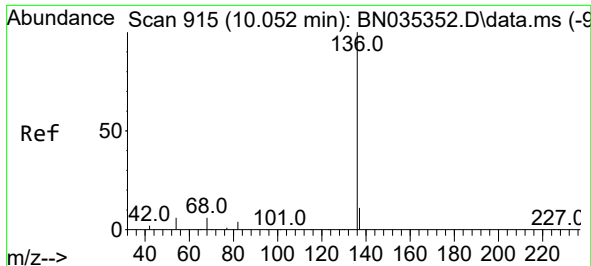
Ion Ratio Lower Upper

99 100

42 16.0 11.4 17.2

71 47.7 29.3 43.9#

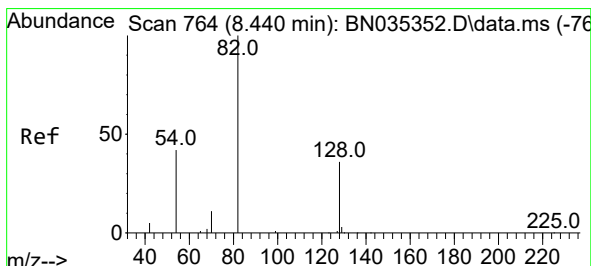
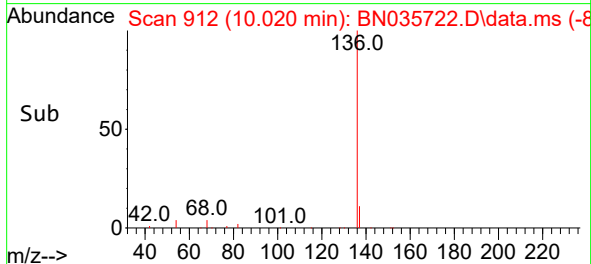
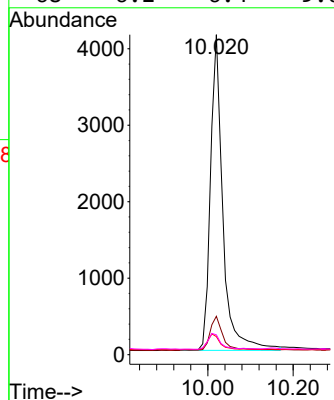
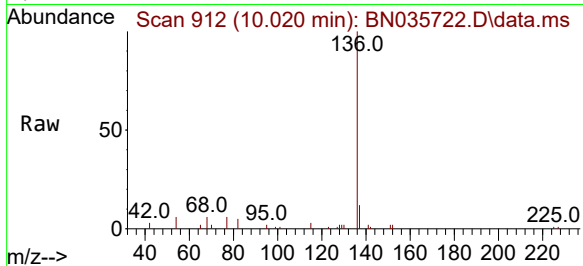




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

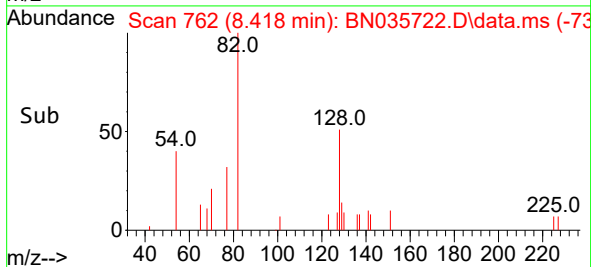
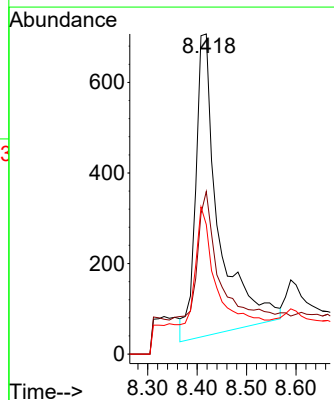
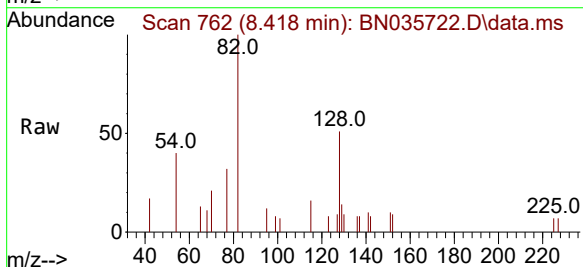
Instrument :
BNA_N
ClientSampleId :
RE134D3-20241210

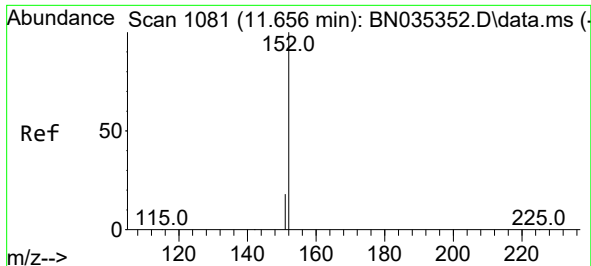
Tgt Ion:136	Resp:	8301
Ion Ratio	Lower	Upper
136	100	
137	12.0	10.2 15.2
54	5.6	6.1 9.1#
68	6.2	6.4 9.6#



#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 8.418 min Scan# 762
Delta R.T. 0.011 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

Tgt Ion: 82	Resp:	2165
Ion Ratio	Lower	Upper
82	100	
128	50.8	33.4 50.0#
54	40.5	36.7 55.1

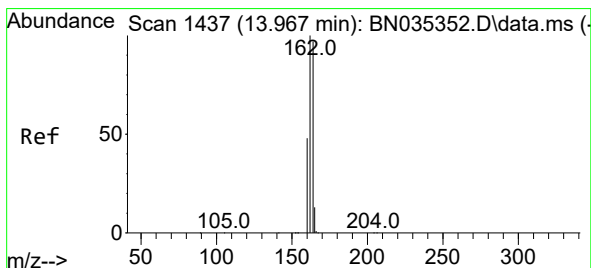
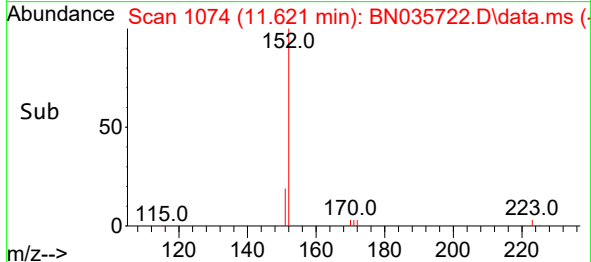
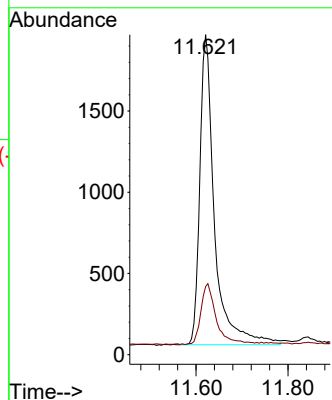
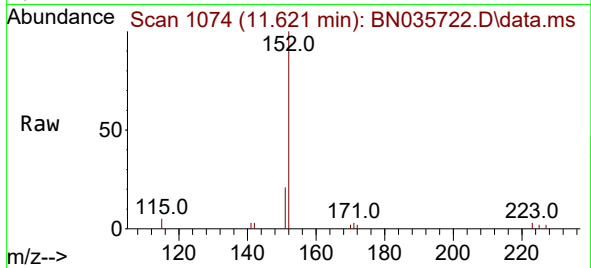




#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 11.621 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

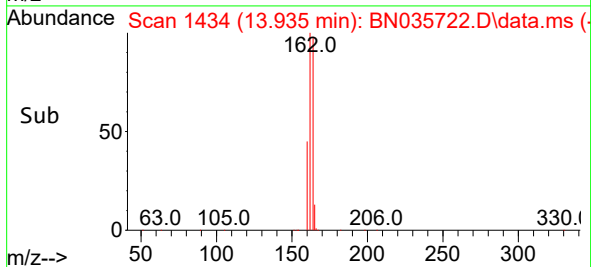
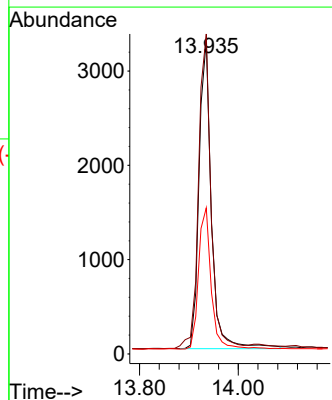
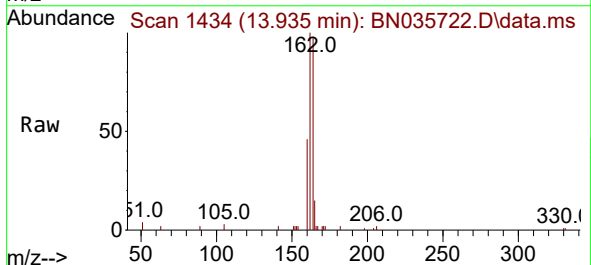
Instrument :
BNA_N
ClientSampleId :
RE134D3-20241210

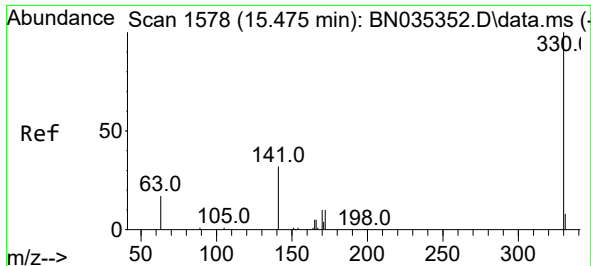
Tgt Ion:152 Resp: 4235
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

Tgt Ion:164 Resp: 5668
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.2
160 46.5 40.1 60.1

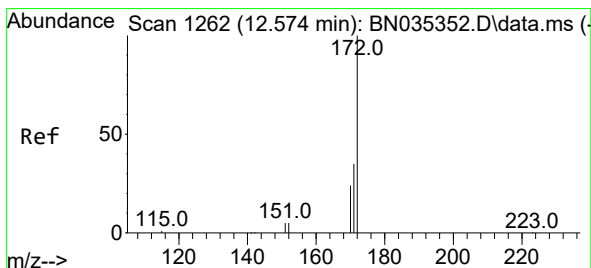
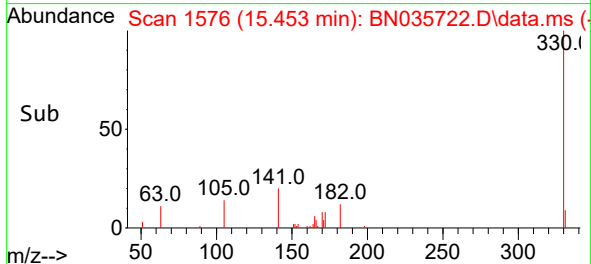
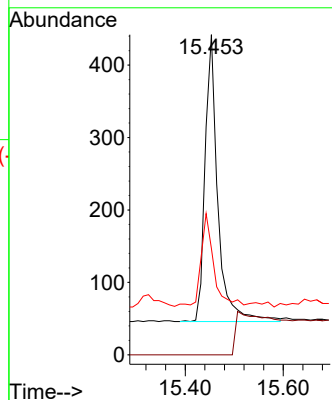
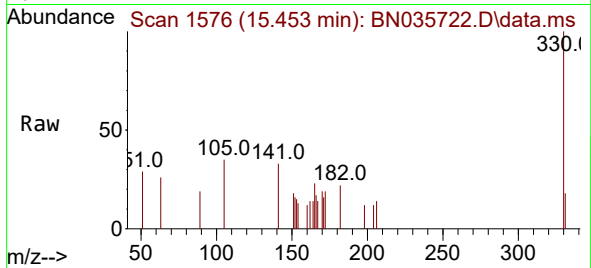




#14
2,4,6-Tribromophenol
Concen: 0.187 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

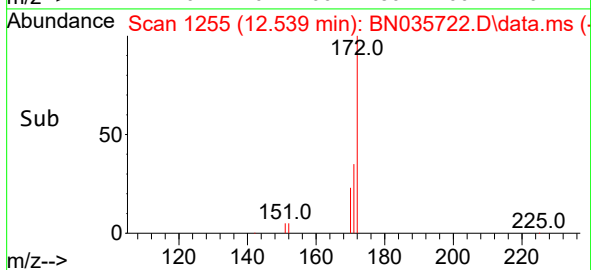
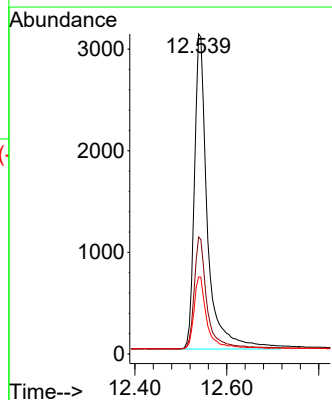
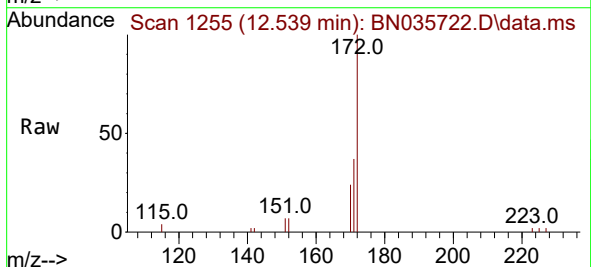
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ClientSampleId :
RE134D3-20241210

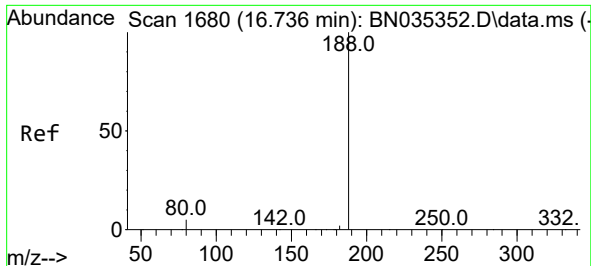
Tgt Ion:330 Resp: 752
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.6 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 12.539 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

Tgt Ion:172 Resp: 6159
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.0 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: BN035722.D

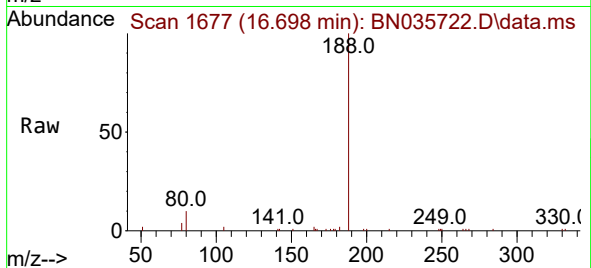
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Instrument :

BNA_N

ClientSampleId :

RE134D3-20241210



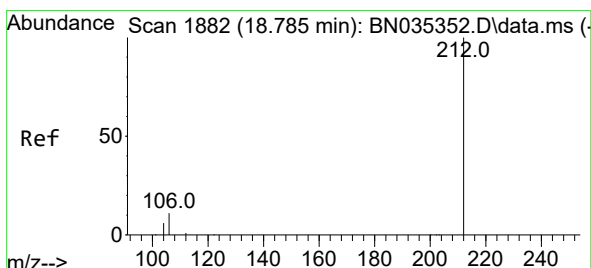
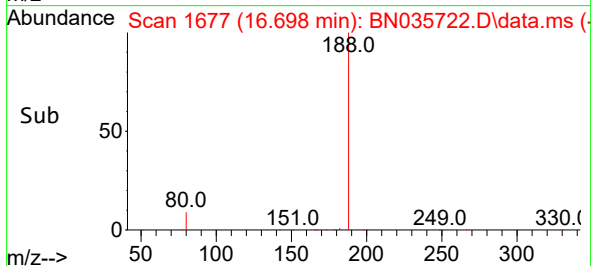
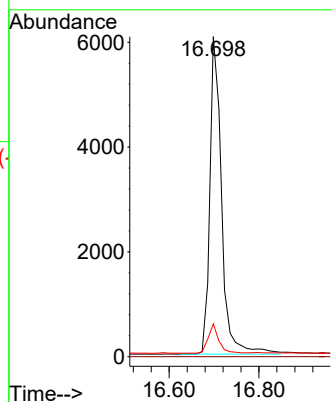
Tgt Ion:188 Resp: 10939

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 4.6 6.8#



#27

Fluoranthene-d10

Concen: 0.371 ng

RT: 18.761 min Scan# 1877

Delta R.T. -0.000 min

Lab File: BN035722.D

Acq: 20 Dec 2024 01:58

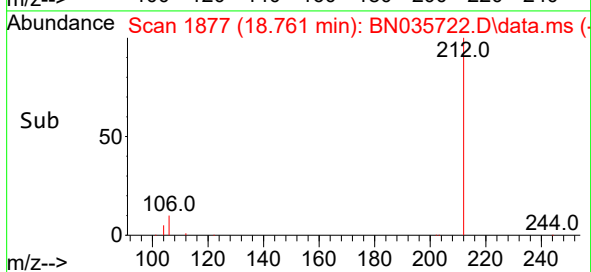
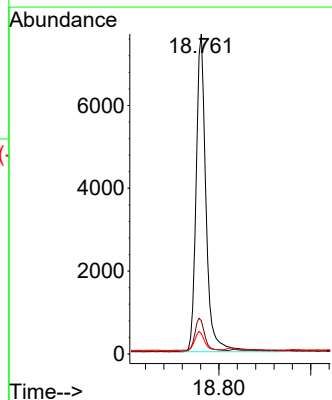
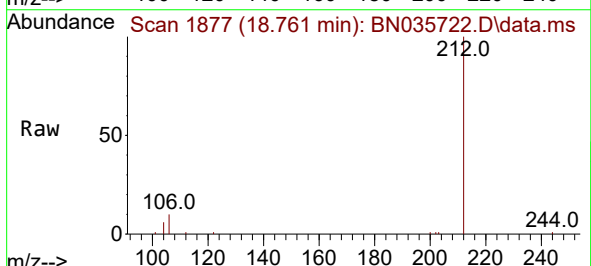
Tgt Ion:212 Resp: 11492

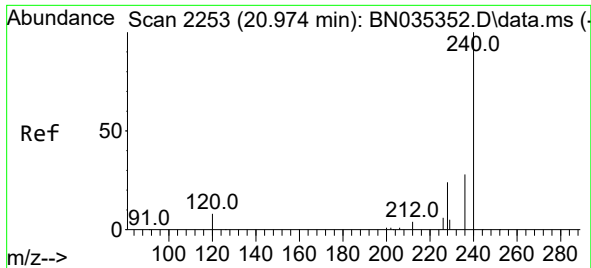
Ion Ratio Lower Upper

212 100

106 10.4 9.2 13.8

104 5.9 5.3 7.9

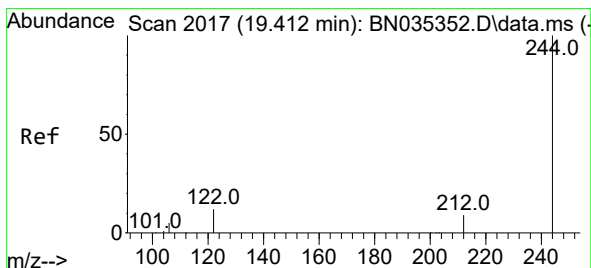
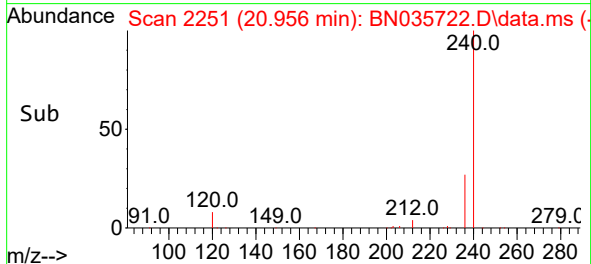
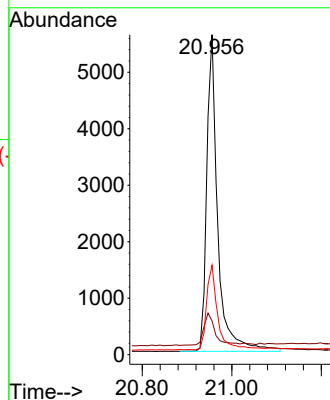
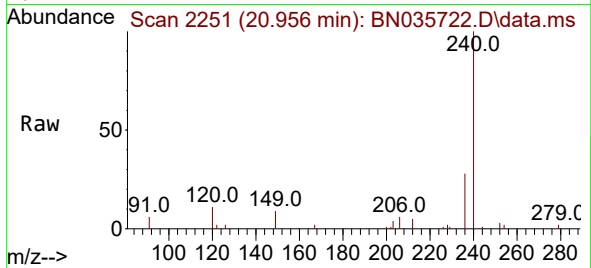




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

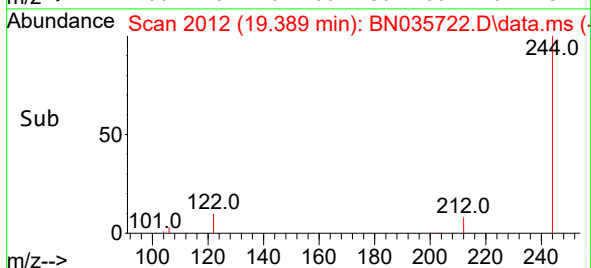
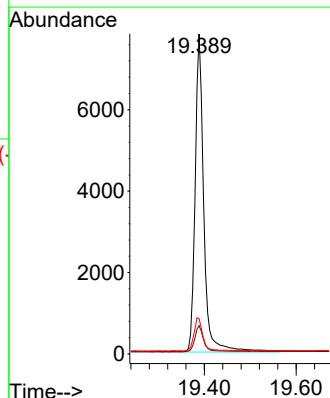
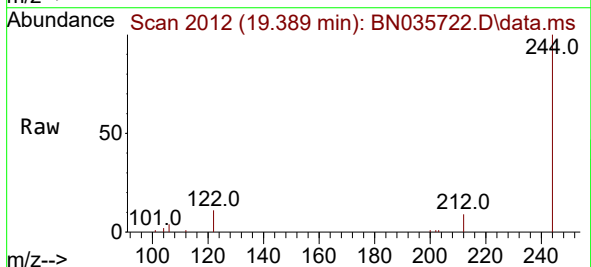
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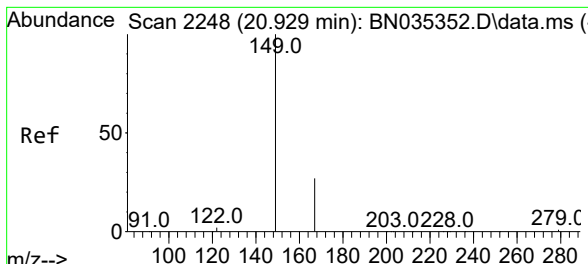
Tgt Ion:240 Resp: 9533
Ion Ratio Lower Upper
240 100
120 10.6 7.9 11.9
236 27.9 22.9 34.3



#31
Terphenyl-d14
Concen: 0.544 ng
RT: 19.389 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

Tgt Ion:244 Resp: 10221
Ion Ratio Lower Upper
244 100
212 8.8 8.1 12.1
122 11.1 10.3 15.5

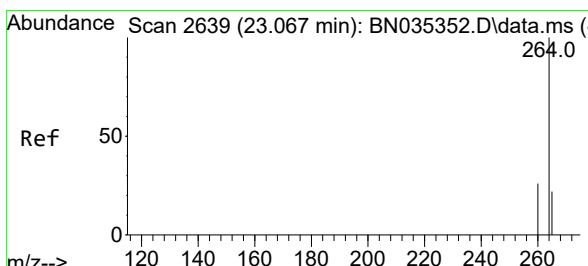
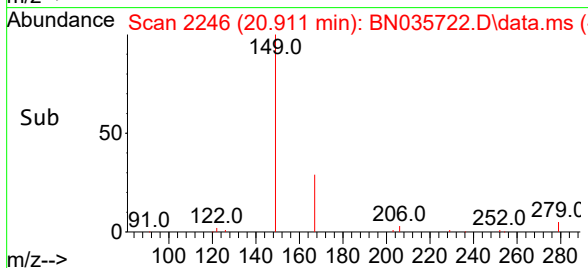
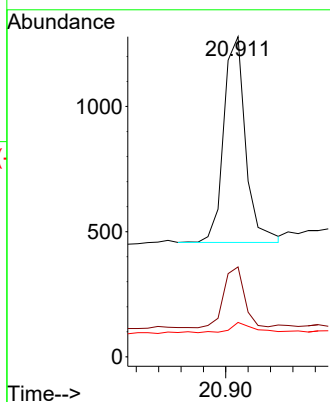
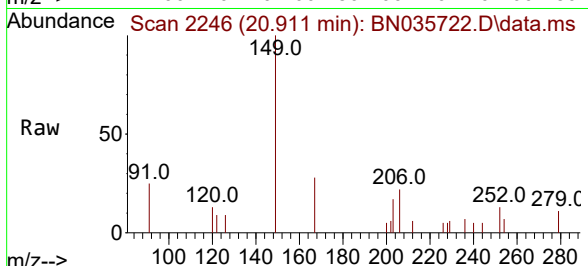




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.085 ng
RT: 20.911 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

Instrument :
BNA_N
ClientSampleId :
RE134D3-20241210

Tgt Ion:149 Resp: 1118
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.4
279 6.1 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.041 min Scan# 2630
Delta R.T. -0.000 min
Lab File: BN035722.D
Acq: 20 Dec 2024 01:58

Tgt Ion:264 Resp: 10502
Ion Ratio Lower Upper
264 100
260 26.5 21.4 32.2
265 67.6 40.2 60.4#

