

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
 Data File : BN035513.D
 Acq On : 09 Dec 2024 18:55
 Operator : RC/JU
 Sample : P5164-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20241206

Quant Time: Dec 10 01:27:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

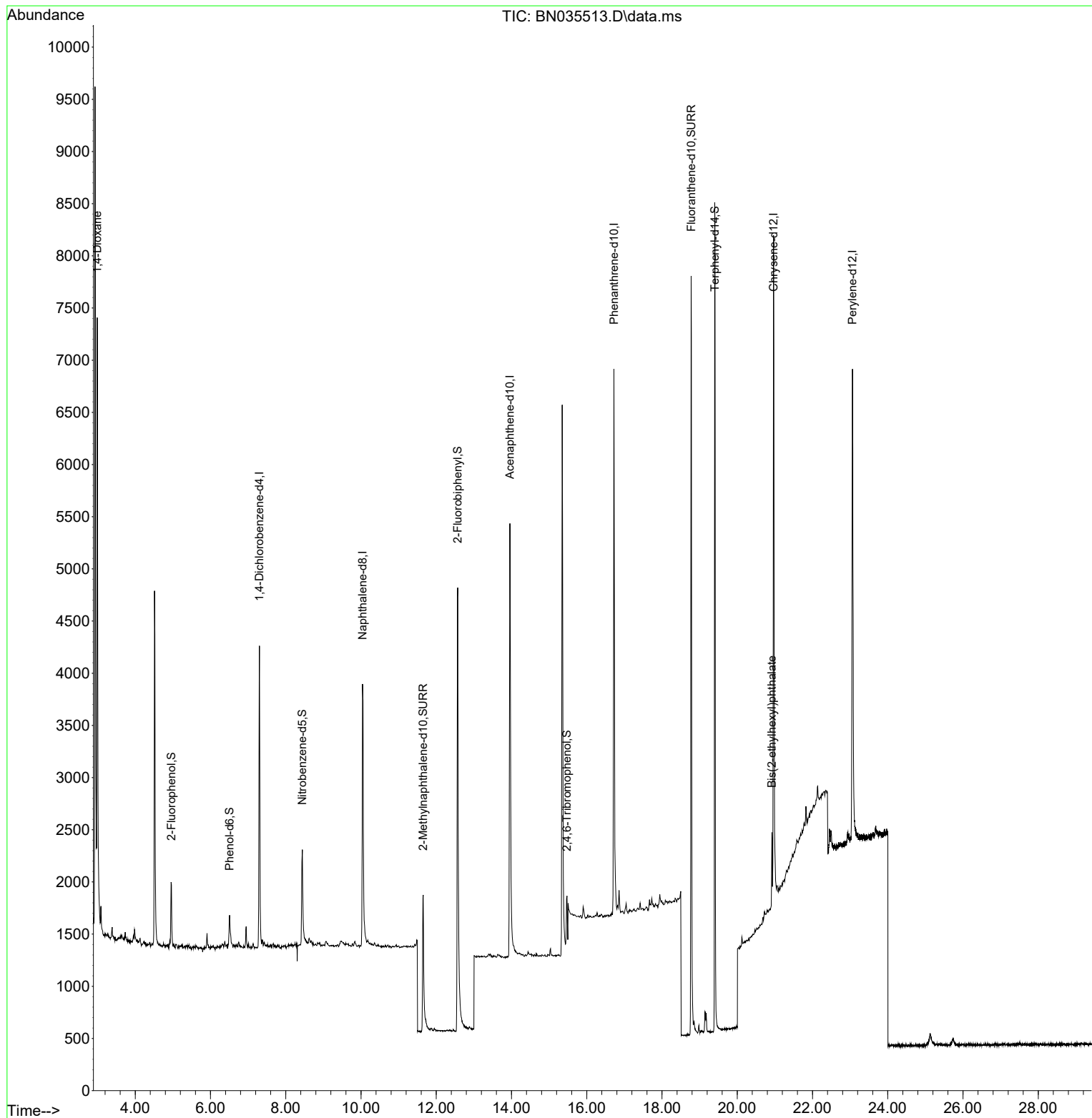
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.300	152	1500	0.400	ng	0.00
7) Naphthalene-d8	10.041	136	4288	0.400	ng	-0.01
13) Acenaphthene-d10	13.956	164	3273	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	7859	0.400	ng	#-0.01
29) Chrysene-d12	20.965	240	6610	0.400	ng	# 0.00
35) Perylene-d12	23.061	264	6392	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.960	112	579	0.154	ng	0.00
5) Phenol-d6	6.506	99	378	0.084	ng	0.00
8) Nitrobenzene-d5	8.440	82	1314	0.502	ng	0.00
11) 2-Methylnaphthalene-d10	11.651	152	2641	0.394	ng	0.00
14) 2,4,6-Tribromophenol	15.475	330	585	0.252	ng	0.00
15) 2-Fluorobiphenyl	12.569	172	5677	0.459	ng	0.00
27) Fluoranthene-d10	18.775	212	9091	0.408	ng	0.00
31) Terphenyl-d14	19.402	244	8386	0.643	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.989	88	4417	3.080	ng	99
34) Bis(2-ethylhexyl)phtha...	20.920	149	827	0.091	ng	# 92

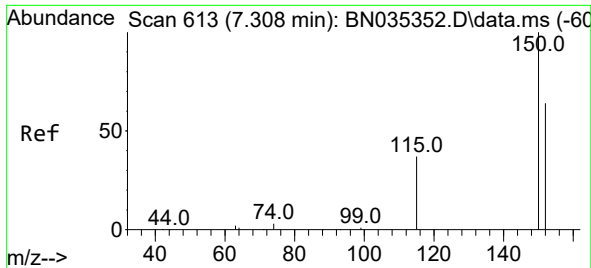
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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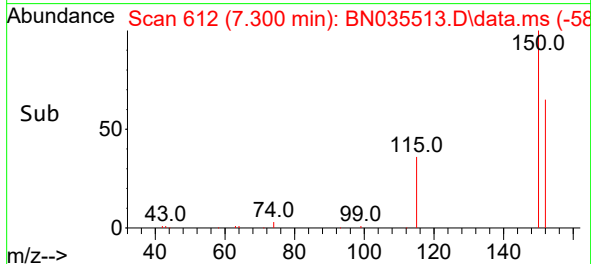
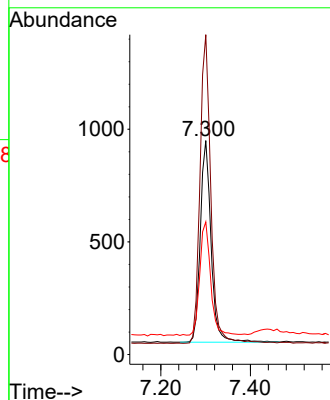
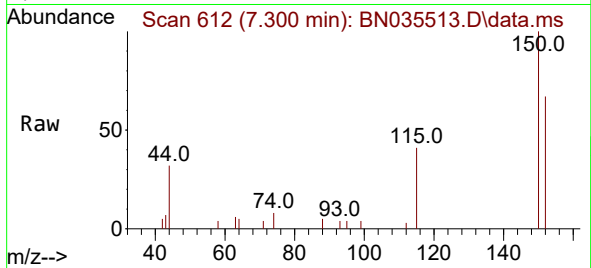




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.300 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN035513.D
Acq: 09 Dec 2024 18:55

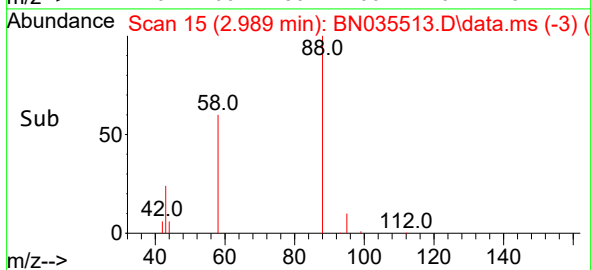
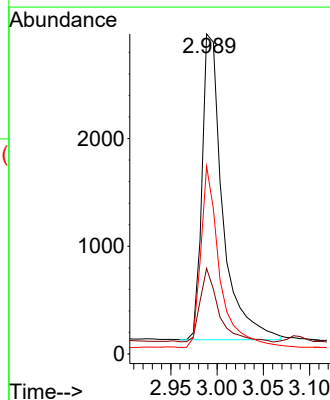
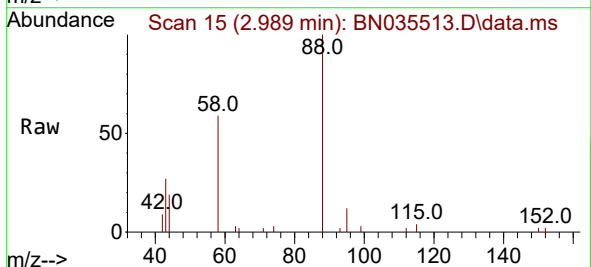
Instrument :
BNA_N
ClientSampleId :
RE108D1-20241206

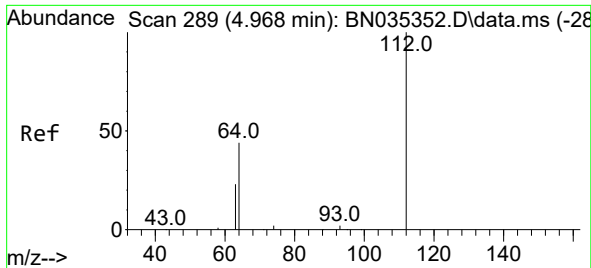
Tgt Ion:152 Resp: 1500
Ion Ratio Lower Upper
152 100
150 149.5 124.0 186.0
115 62.0 49.6 74.4



#2
1,4-Dioxane
Concen: 3.080 ng
RT: 2.989 min Scan# 15
Delta R.T. -0.015 min
Lab File: BN035513.D
Acq: 09 Dec 2024 18:55

Tgt Ion: 88 Resp: 4417
Ion Ratio Lower Upper
88 100
43 21.6 17.2 25.8
58 54.2 44.5 66.7

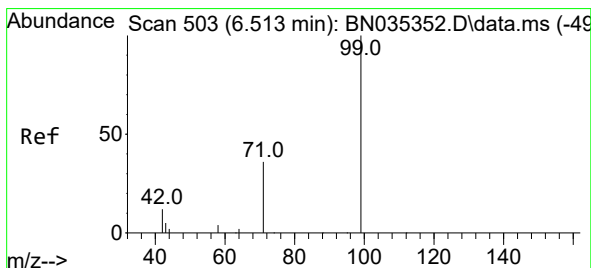
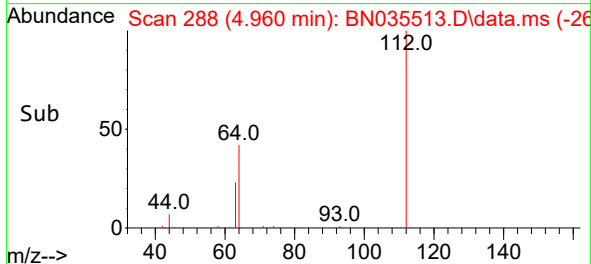
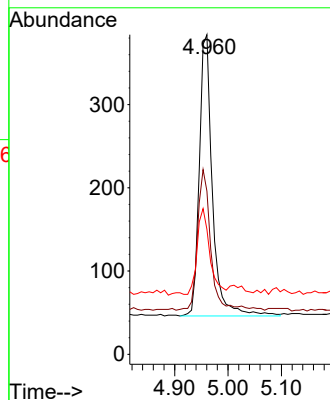
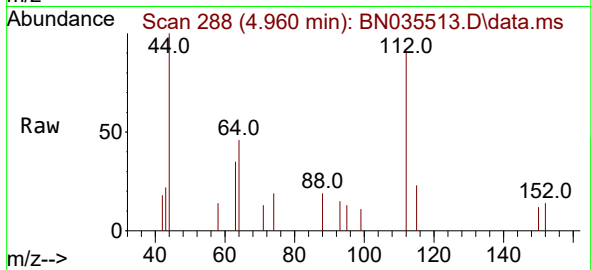




#4
2-Fluorophenol
Concen: 0.154 ng
RT: 4.960 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035513.D
Acq: 09 Dec 2024 18:55

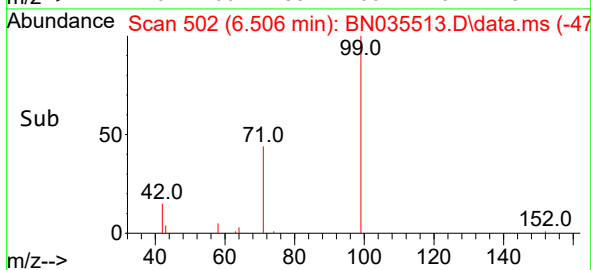
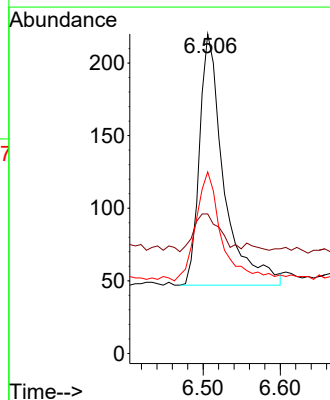
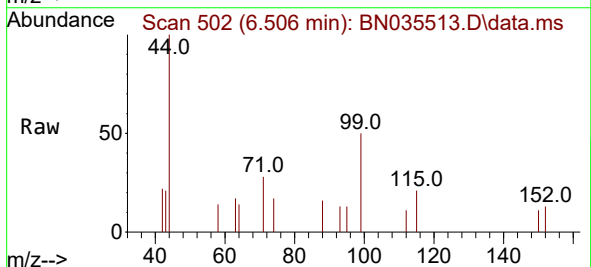
Instrument :
BNA_N
ClientSampleId :
RE108D1-20241206

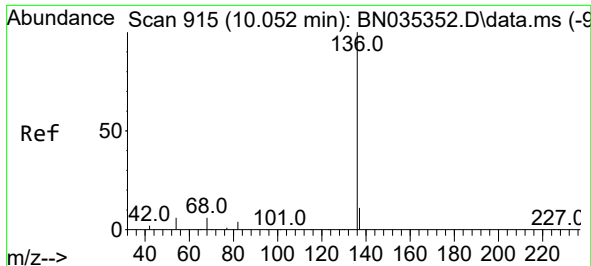
Tgt Ion:112 Resp: 579
Ion Ratio Lower Upper
112 100
64 49.9 39.8 59.8
63 29.2 21.0 31.6



#5
Phenol-d6
Concen: 0.084 ng
RT: 6.506 min Scan# 502
Delta R.T. -0.007 min
Lab File: BN035513.D
Acq: 09 Dec 2024 18:55

Tgt Ion: 99 Resp: 378
Ion Ratio Lower Upper
99 100
42 16.4 11.4 17.2
71 48.1 29.3 43.9#

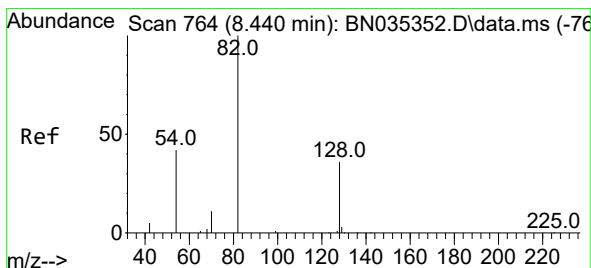
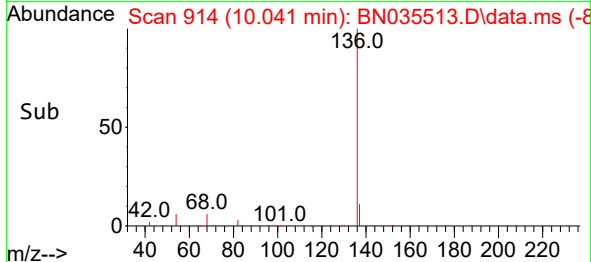
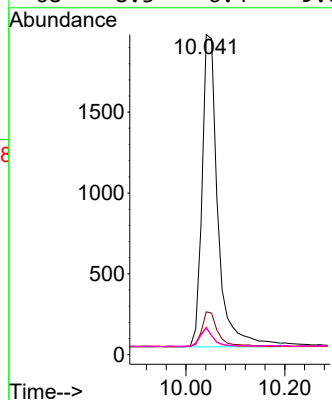
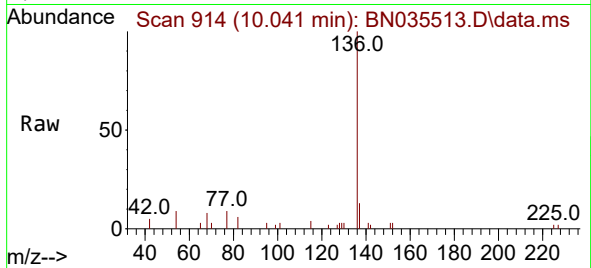




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.041 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035513.D
Acq: 09 Dec 2024 18:55

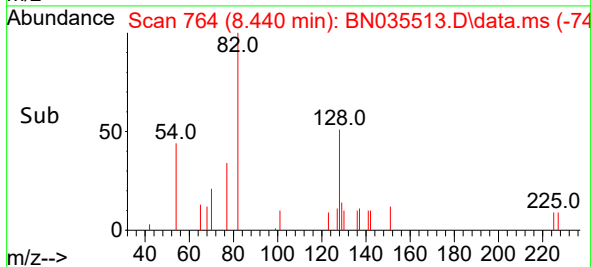
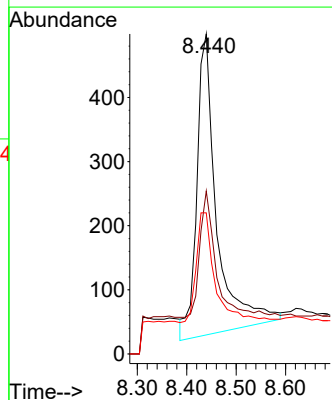
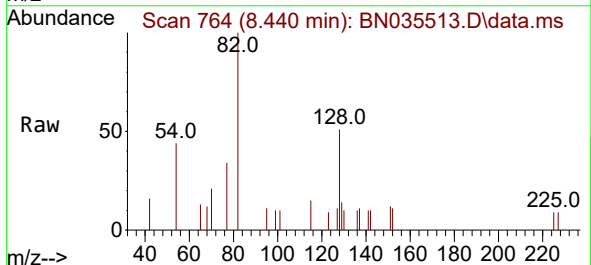
Instrument :
BNA_N
ClientSampleId :
RE108D1-20241206

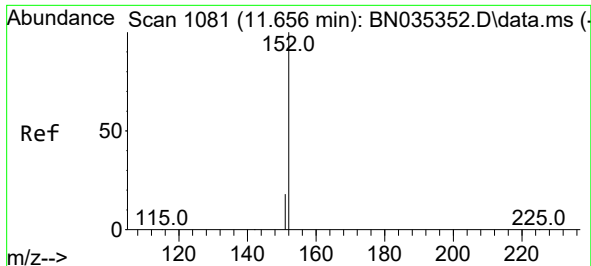
Tgt Ion:	136	Resp:	4288
Ion	Ratio	Lower	Upper
136	100		
137	13.4	10.2	15.2
54	8.6	6.1	9.1
68	8.3	6.4	9.6



#8
Nitrobenzene-d5
Concen: 0.502 ng
RT: 8.440 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN035513.D
Acq: 09 Dec 2024 18:55

Tgt Ion:	82	Resp:	1314
Ion	Ratio	Lower	Upper
82	100		
128	50.9	33.4	50.0#
54	44.1	36.7	55.1

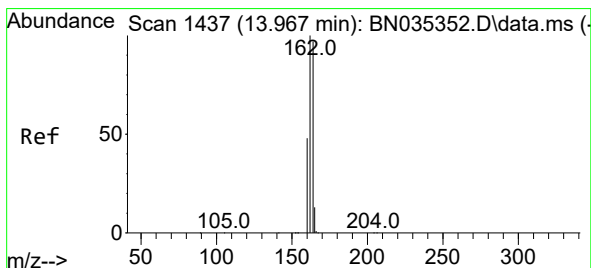
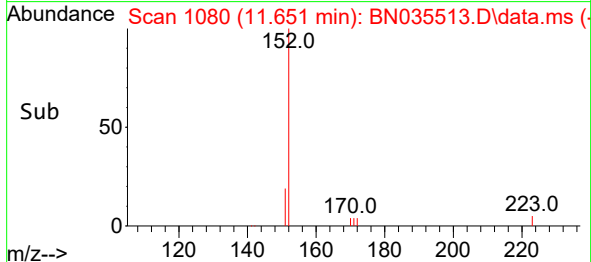
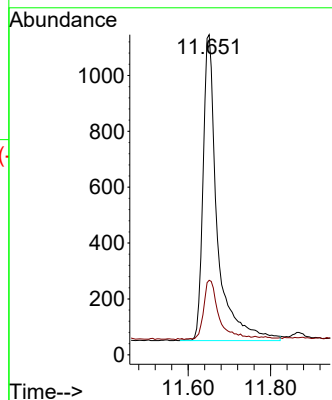
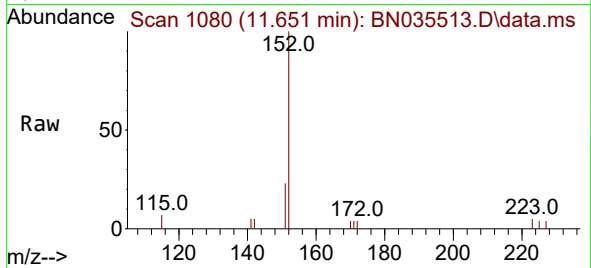




#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 11.651 min Scan# 1080
Delta R.T. -0.005 min
Lab File: BN035513.D
Acq: 09 Dec 2024 18:55

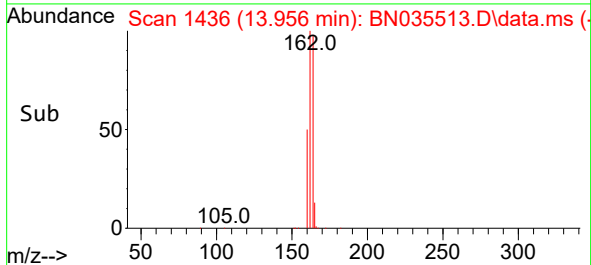
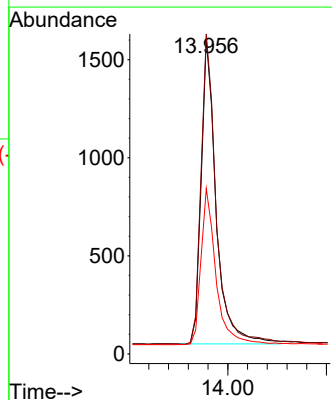
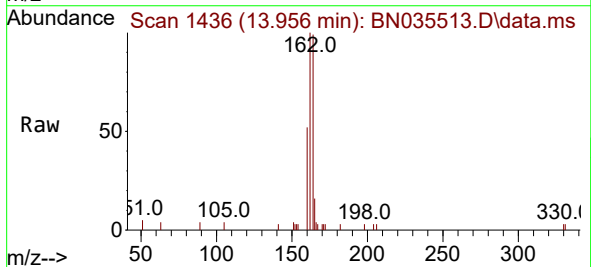
Instrument :
BNA_N
ClientSampleId :
RE108D1-20241206

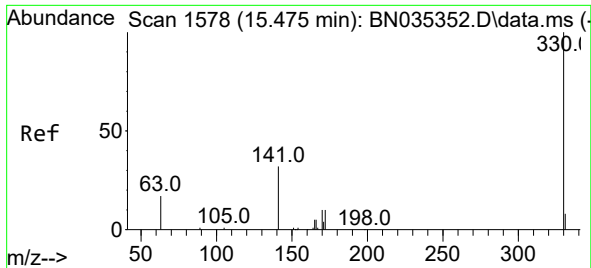
Tgt Ion:152 Resp: 2641
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.956 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BN035513.D
Acq: 09 Dec 2024 18:55

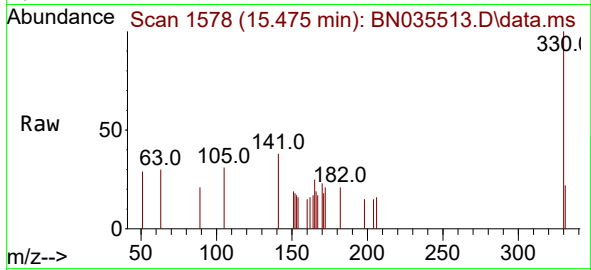
Tgt Ion:164 Resp: 3273
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 52.5 40.1 60.1



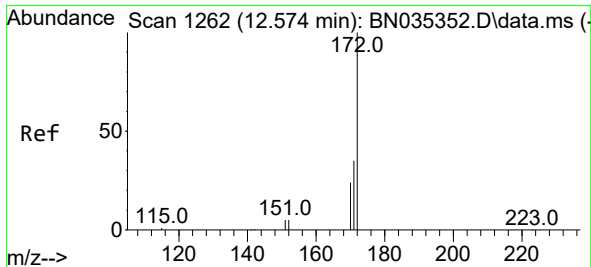
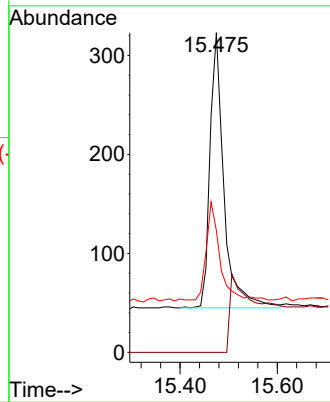
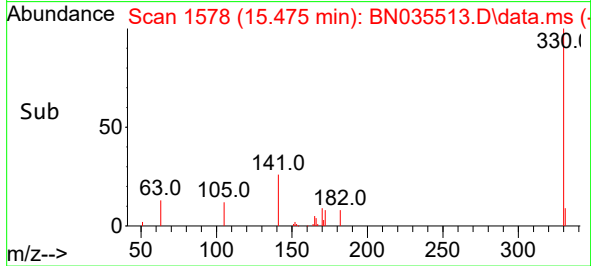


#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 15.475 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035513.D
Acq: 09 Dec 2024 18:55

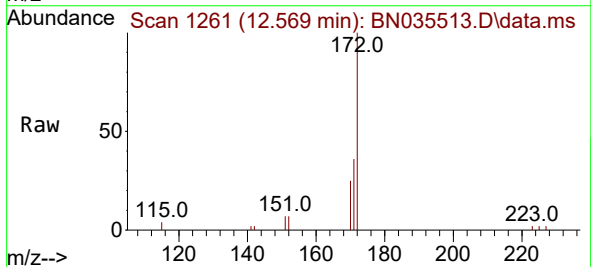
Instrument :
BNA_N
ClientSampleId :
RE108D1-20241206



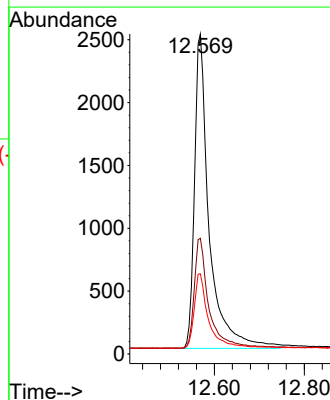
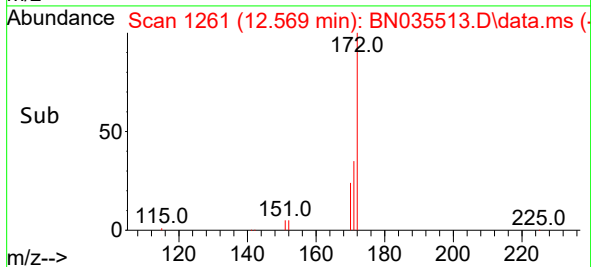
Tgt Ion:330 Resp: 585
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.9 26.6 40.0

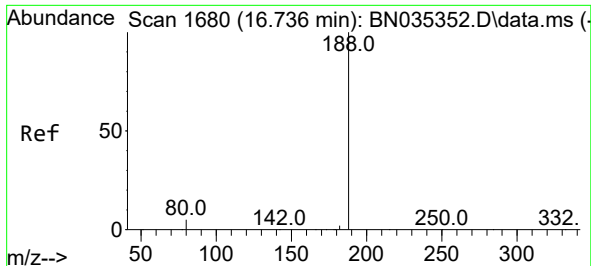


#15
2-Fluorobiphenyl
Concen: 0.459 ng
RT: 12.569 min Scan# 1261
Delta R.T. -0.005 min
Lab File: BN035513.D
Acq: 09 Dec 2024 18:55



Tgt Ion:172 Resp: 5677
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 25.1 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.723 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN035513.D

Acq: 09 Dec 2024 18:55

Instrument :

BNA_N

ClientSampleId :

RE108D1-20241206

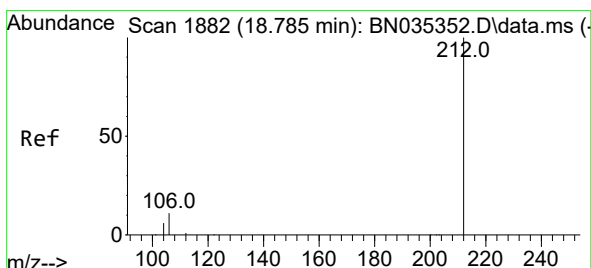
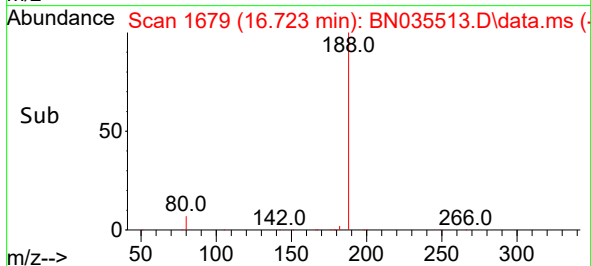
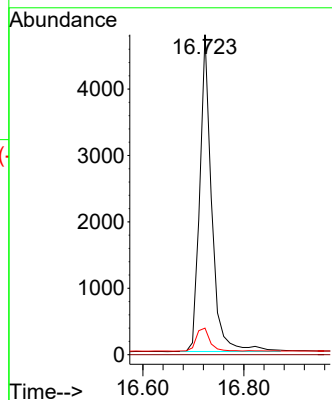
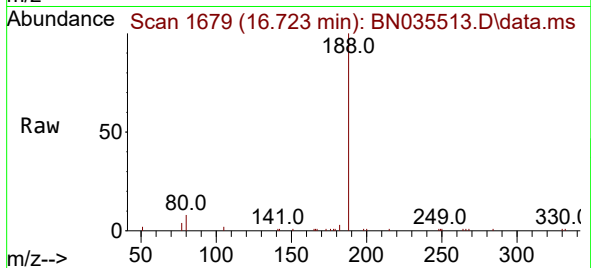
Tgt Ion:188 Resp: 7859

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 4.6 6.8#



#27

Fluoranthene-d10

Concen: 0.408 ng

RT: 18.775 min Scan# 1880

Delta R.T. -0.009 min

Lab File: BN035513.D

Acq: 09 Dec 2024 18:55

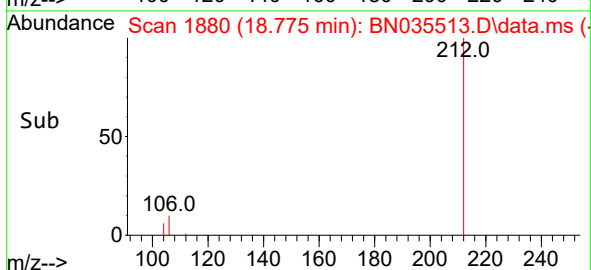
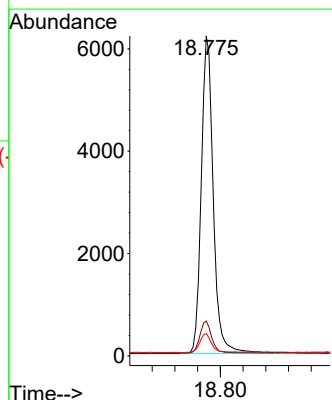
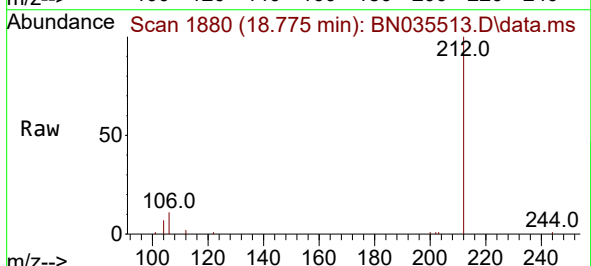
Tgt Ion:212 Resp: 9091

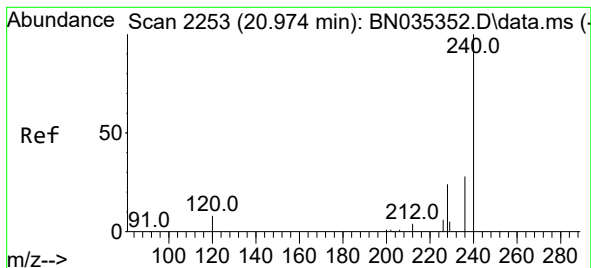
Ion Ratio Lower Upper

212 100

106 9.9 9.2 13.8

104 6.0 5.3 7.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.965 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN035513.D

Acq: 09 Dec 2024 18:55

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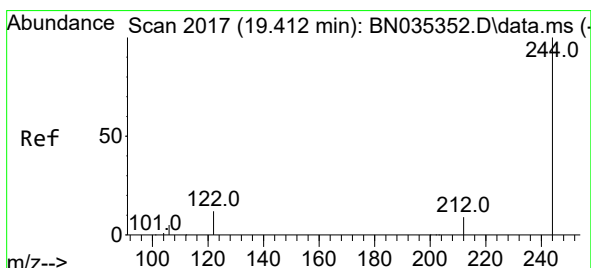
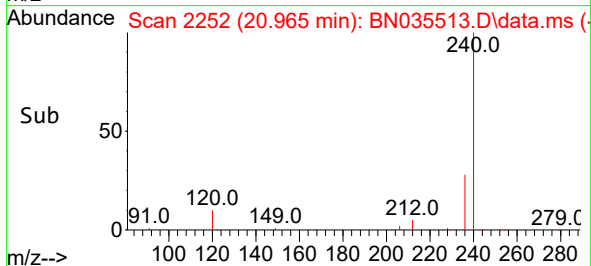
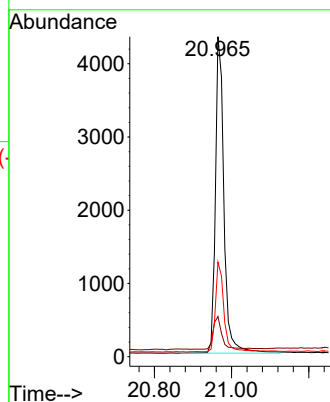
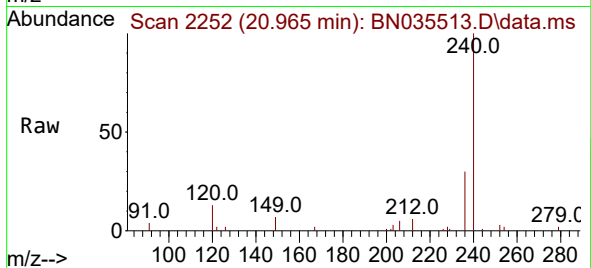
Tgt Ion:240 Resp: 6610

Ion Ratio Lower Upper

240 100

120 12.6 7.9 11.9#

236 29.6 22.9 34.3



#31

Terphenyl-d14

Concen: 0.643 ng

RT: 19.402 min Scan# 2015

Delta R.T. -0.009 min

Lab File: BN035513.D

Acq: 09 Dec 2024 18:55

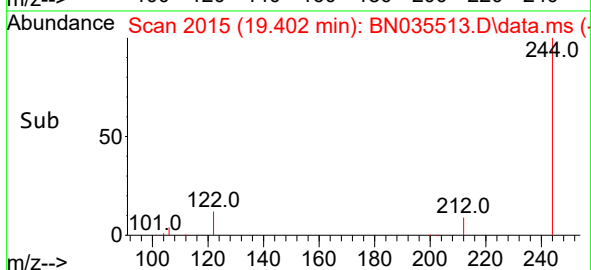
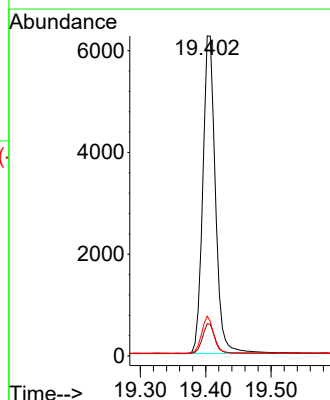
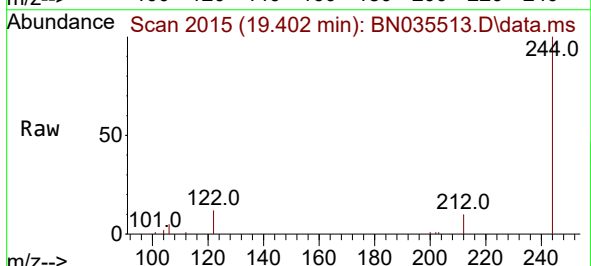
Tgt Ion:244 Resp: 8386

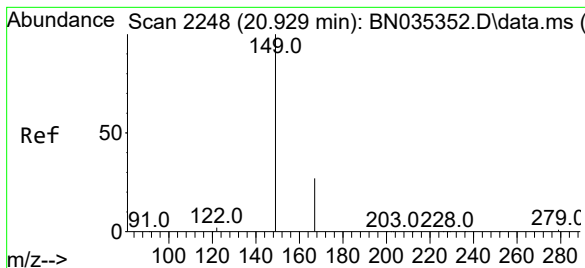
Ion Ratio Lower Upper

244 100

212 10.0 8.1 12.1

122 12.5 10.3 15.5

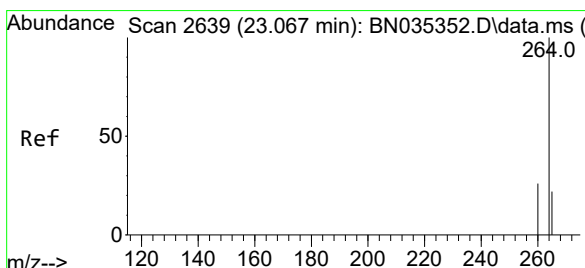
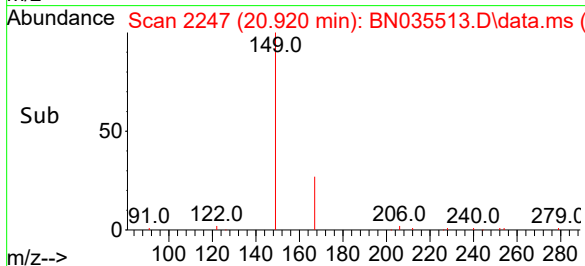
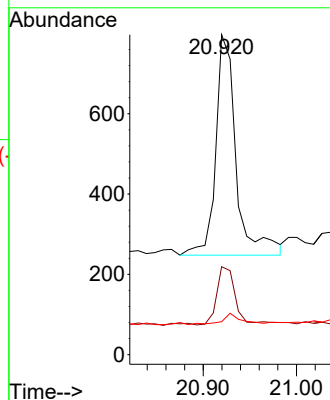
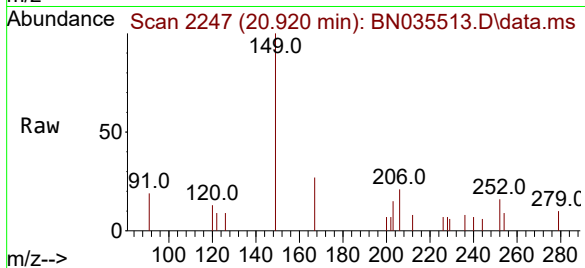




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.091 ng
RT: 20.920 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035513.D
Acq: 09 Dec 2024 18:55

Instrument :
BNA_N
ClientSampleId :
RE108D1-20241206

Tgt Ion:149 Resp: 827
Ion Ratio Lower Upper
149 100
167 23.3 22.2 33.4
279 4.8 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.061 min Scan# 2637
Delta R.T. -0.006 min
Lab File: BN035513.D
Acq: 09 Dec 2024 18:55

Tgt Ion:264 Resp: 6392
Ion Ratio Lower Upper
264 100
260 27.8 21.4 32.2
265 67.2 40.2 60.4#

