

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035782.D
 Acq On : 23 Dec 2024 13:54
 Operator : RC/JU
 Sample : P5317-18 2X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20241217

Quant Time: Dec 23 14:44:50 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)

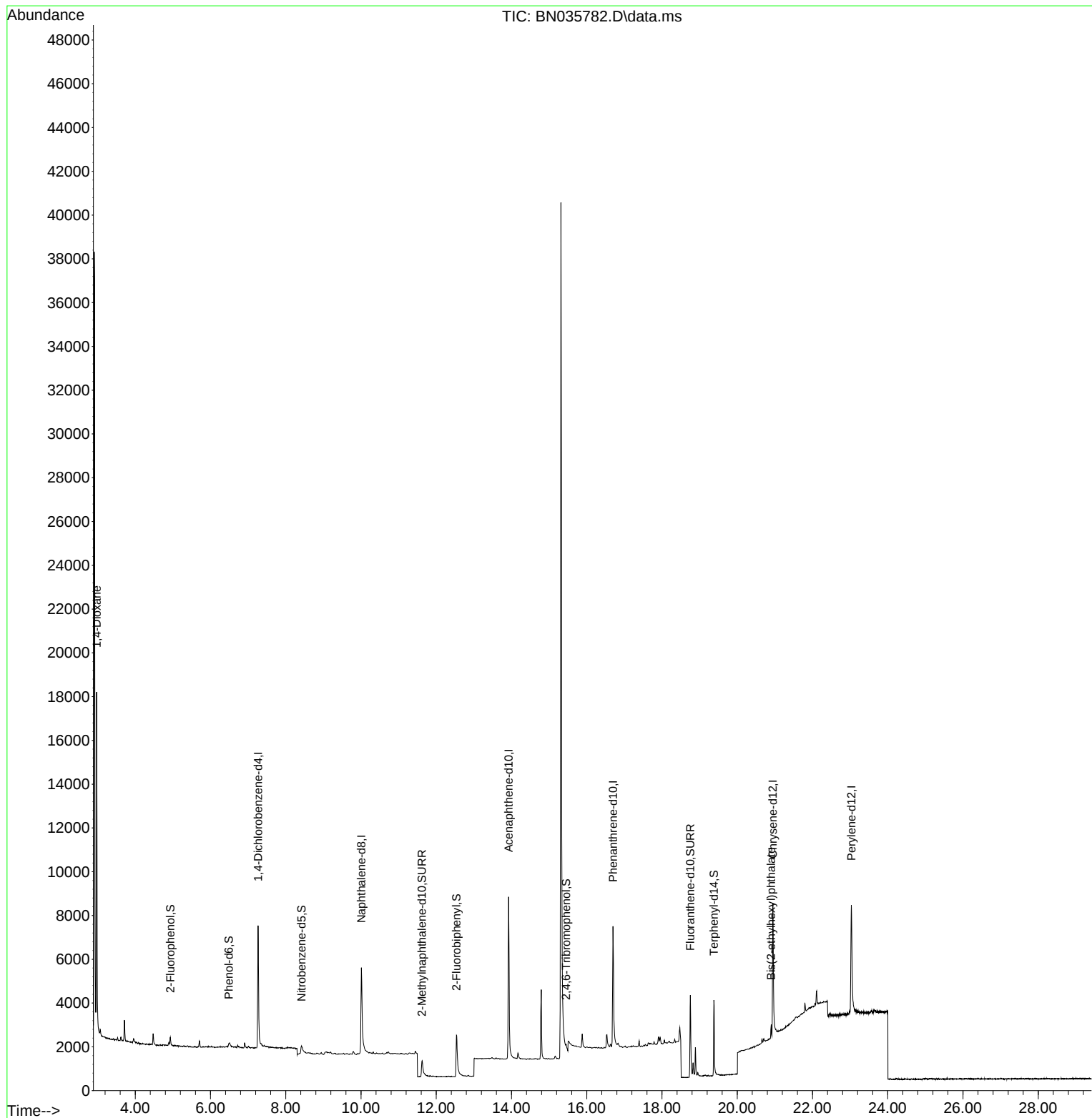
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3288	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7965	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	4994	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9917	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7844	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	8048	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	387	0.047	ng	0.00
5) Phenol-d6	6.484	99	228	0.023	ng	0.00
8) Nitrobenzene-d5	8.418	82	1772	0.364	ng	0.01
11) 2-Methylnaphthalene-d10	11.621	152	1996	0.160	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	255	0.072	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	3214	0.170	ng	0.00
27) Fluoranthene-d10	18.752	212	5431	0.193	ng	0.00
31) Terphenyl-d14	19.379	244	4148	0.268	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	9692	3.083	ng	99
34) Bis(2-ethylhexyl)phtha...	20.902	149	619	0.057	ng	# 98

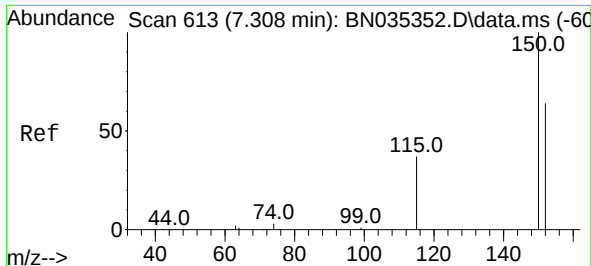
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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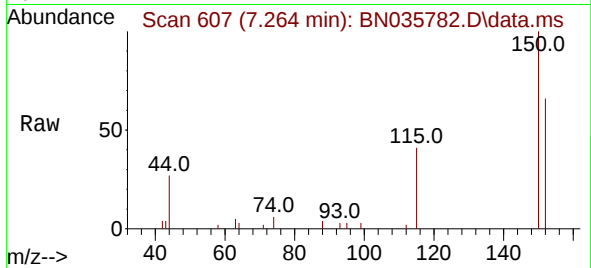
Quant Time: Dec 23 14:44:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
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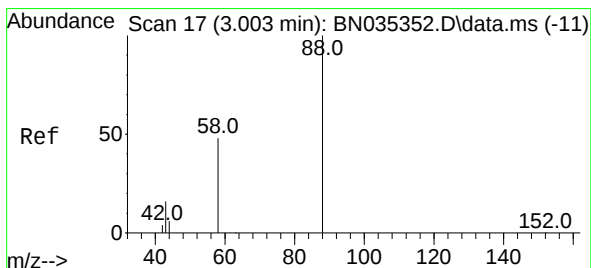
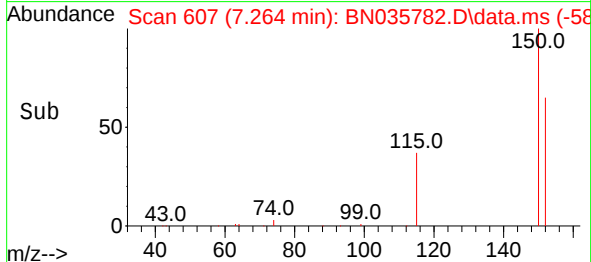
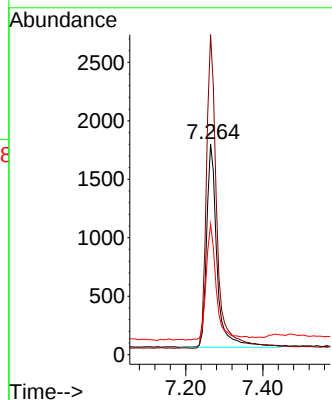


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.264 min Scan# 60
 Delta R.T. -0.008 min
 Lab File: BN035782.D
 Acq: 23 Dec 2024 13:54

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20241217

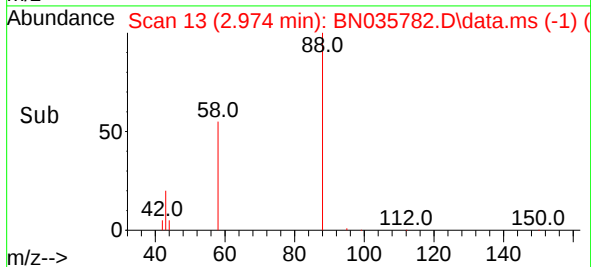
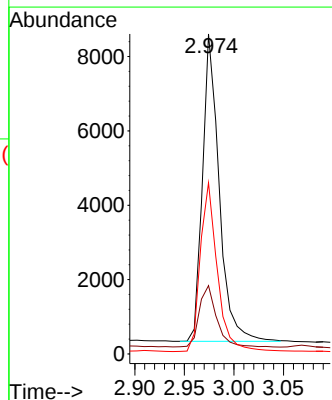
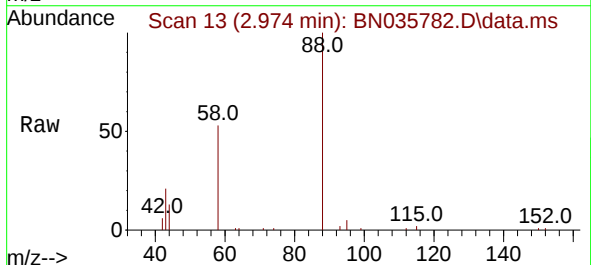


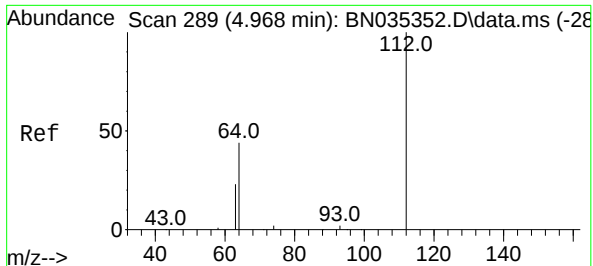
Tgt Ion:152 Resp: 3288
 Ion Ratio Lower Upper
 152 100
 150 151.8 124.0 186.0
 115 62.0 49.6 74.4



#2
 1,4-Dioxane
 Concen: 3.083 ng
 RT: 2.974 min Scan# 13
 Delta R.T. -0.007 min
 Lab File: BN035782.D
 Acq: 23 Dec 2024 13:54

Tgt Ion: 88 Resp: 9692
 Ion Ratio Lower Upper
 88 100
 43 21.0 17.2 25.8
 58 56.0 44.5 66.7

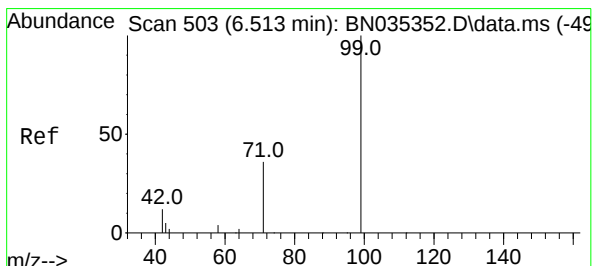
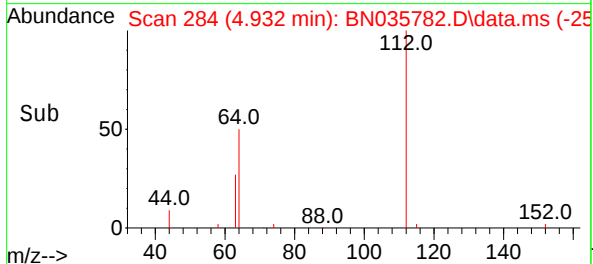
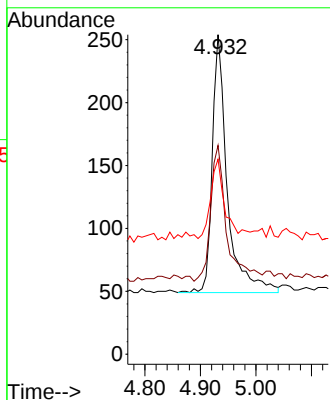
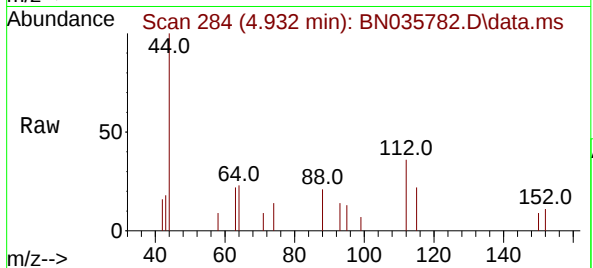




#4
2-Fluorophenol
Concen: 0.047 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035782.D
Acq: 23 Dec 2024 13:54

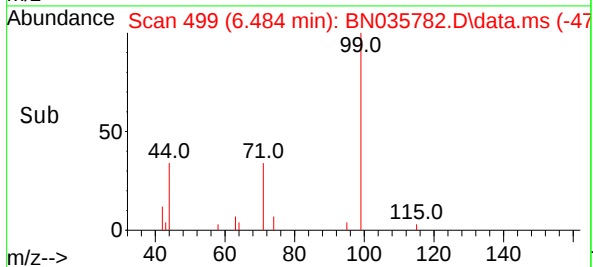
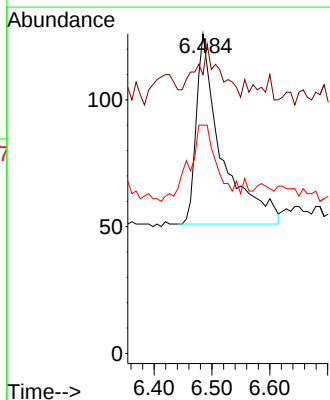
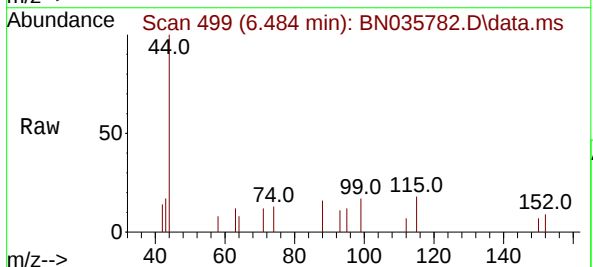
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BNA_N
ClientSampleId :
RE132D5-20241217

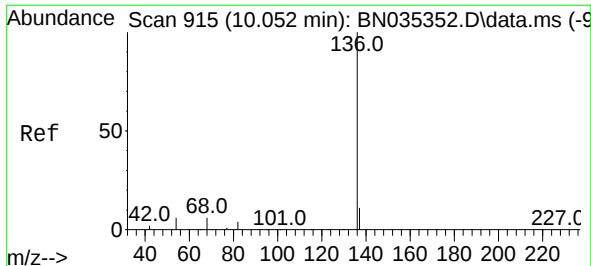
Tgt Ion:112 Resp: 387
Ion Ratio Lower Upper
112 100
64 56.3 39.8 59.8
63 29.5 21.0 31.6



#5
Phenol-d6
Concen: 0.023 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035782.D
Acq: 23 Dec 2024 13:54

Tgt Ion: 99 Resp: 228
Ion Ratio Lower Upper
99 100
42 24.1 11.4 17.2#
71 42.5 29.3 43.9

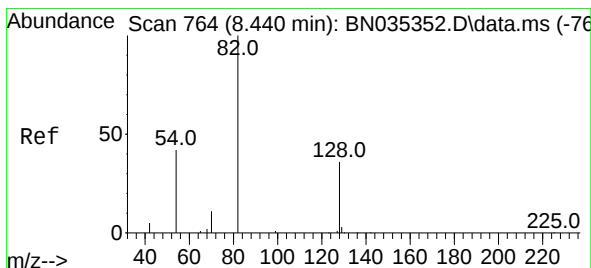
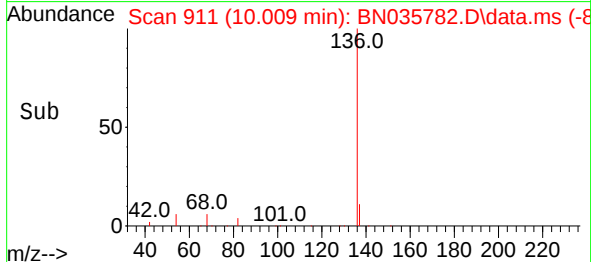
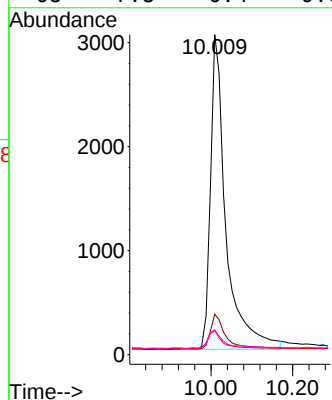
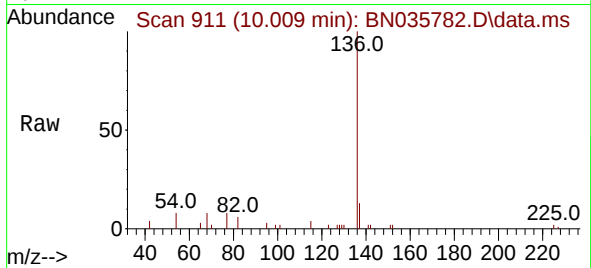




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035782.D
Acq: 23 Dec 2024 13:54

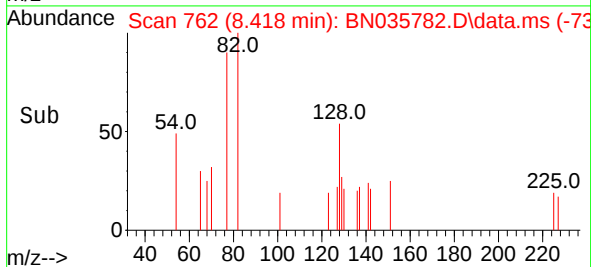
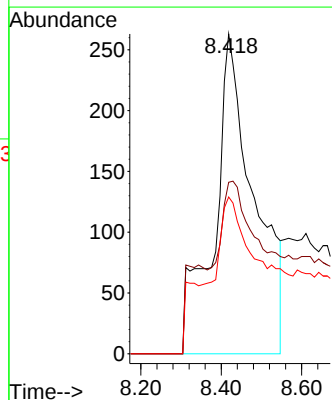
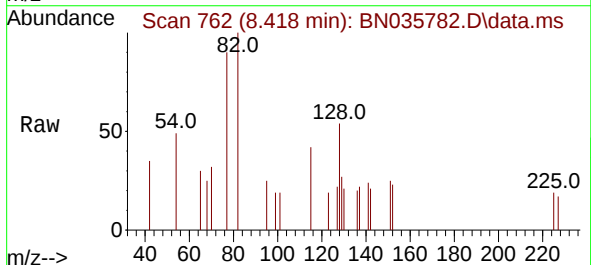
Instrument :
BNA_N
ClientSampleId :
RE132D5-20241217

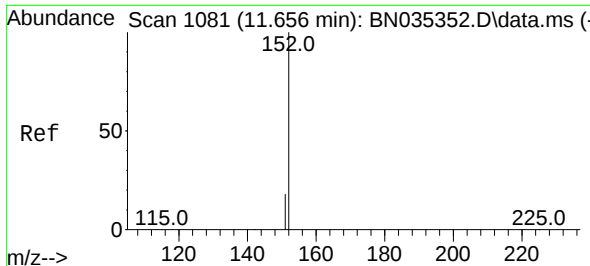
Tgt Ion:136	Resp:	7965
Ion Ratio	Lower	Upper
136	100	
137	12.7	10.2 15.2
54	7.6	6.1 9.1
68	7.8	6.4 9.6



#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.418 min Scan# 762
Delta R.T. 0.011 min
Lab File: BN035782.D
Acq: 23 Dec 2024 13:54

Tgt Ion: 82	Resp:	1772
Ion Ratio	Lower	Upper
82	100	
128	53.6	33.4 50.0#
54	49.0	36.7 55.1





#11

2-Methylnaphthalene-d10

Concen: 0.160 ng

RT: 11.621 min Scan# 1074

Delta R.T. -0.000 min

Lab File: BN035782.D

Acq: 23 Dec 2024 13:54

Instrument :

BNA_N

ClientSampleId :

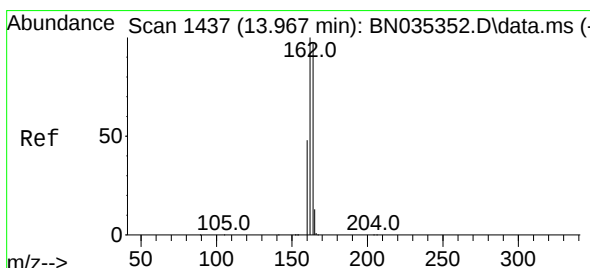
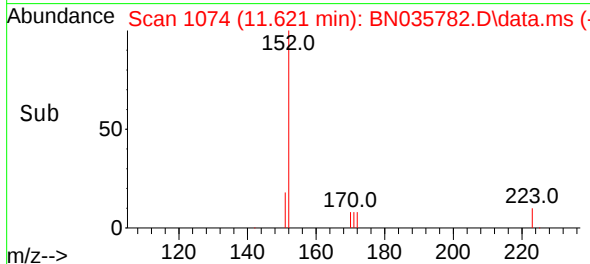
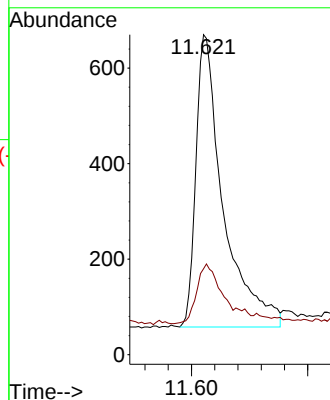
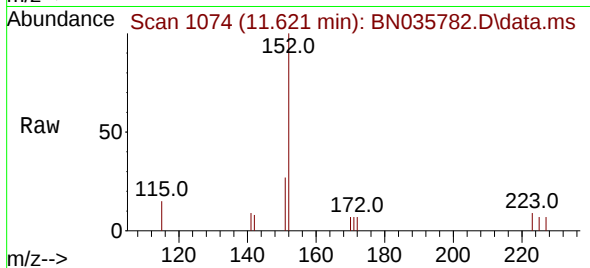
RE132D5-20241217

Tgt Ion:152 Resp: 1996

Ion Ratio Lower Upper

152 100

151 20.4 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: BN035782.D

Acq: 23 Dec 2024 13:54

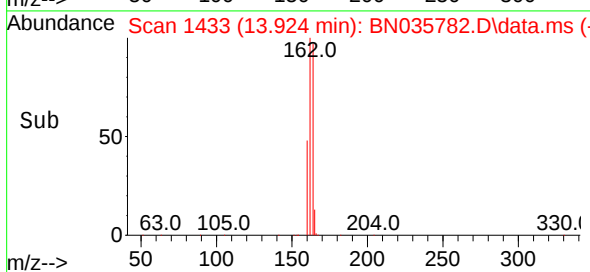
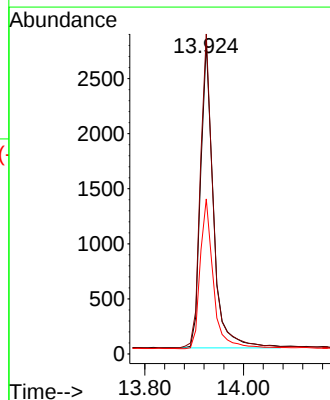
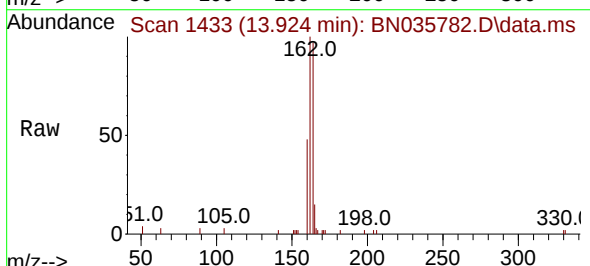
Tgt Ion:164 Resp: 4994

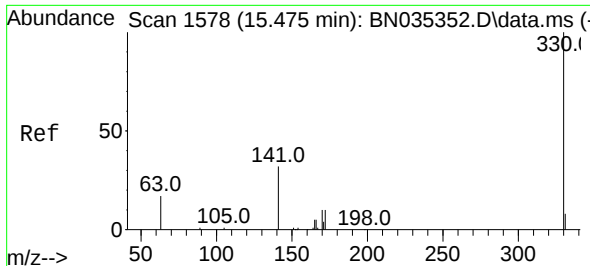
Ion Ratio Lower Upper

164 100

162 103.1 82.2 123.2

160 50.0 40.1 60.1

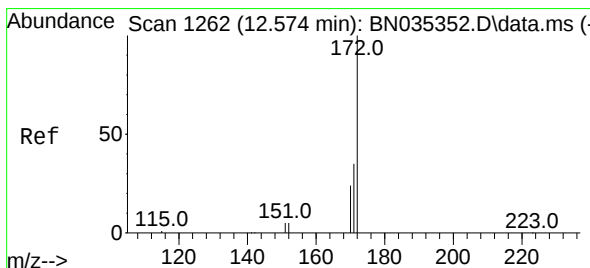
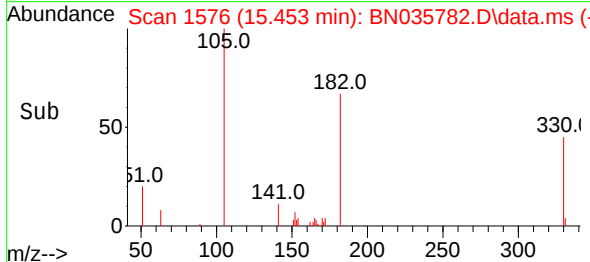
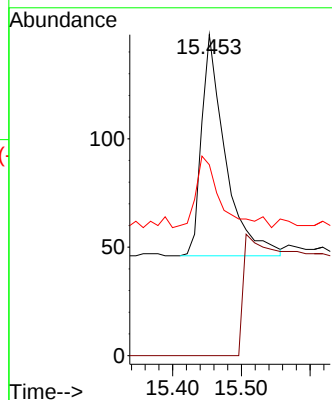
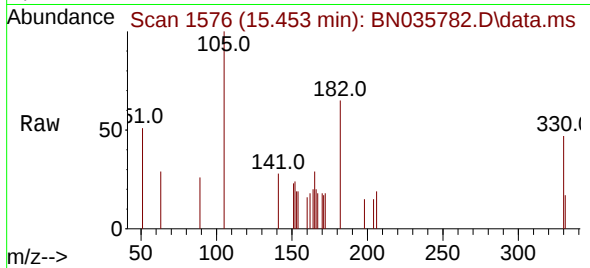




#14
2,4,6-Tribromophenol
Concen: 0.072 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035782.D
Acq: 23 Dec 2024 13:54

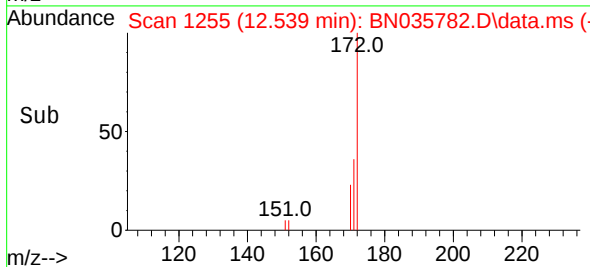
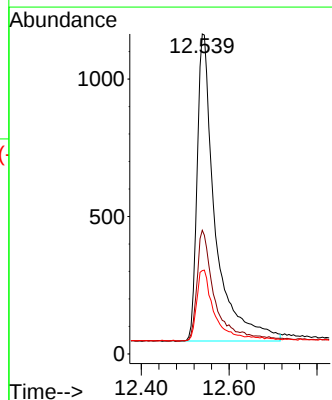
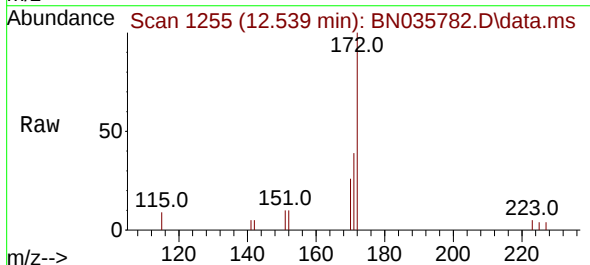
Instrument :
BNA_N
ClientSampleId :
RE132D5-20241217

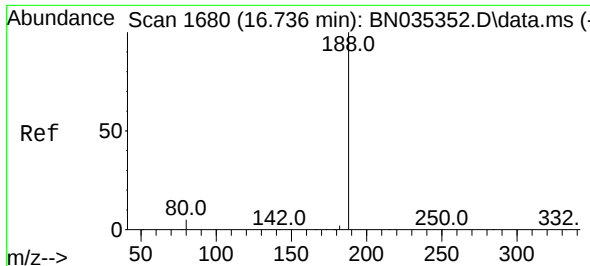
Tgt Ion:330 Resp: 255
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.2 26.6 40.0



#15
2-Fluorobiphenyl
Concen: 0.170 ng
RT: 12.539 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035782.D
Acq: 23 Dec 2024 13:54

Tgt Ion:172 Resp: 3214
Ion Ratio Lower Upper
172 100
171 38.7 29.0 43.4
170 26.0 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: BN035782.D

Acq: 23 Dec 2024 13:54

Instrument :

BNA_N

ClientSampleId :

RE132D5-20241217

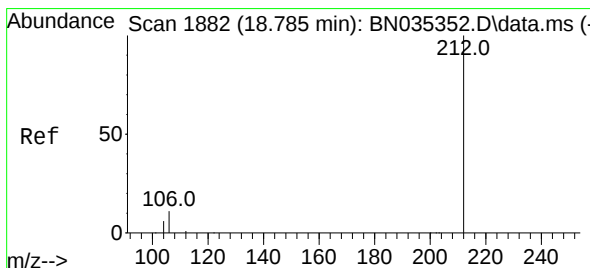
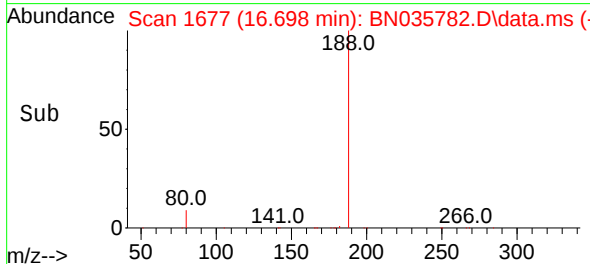
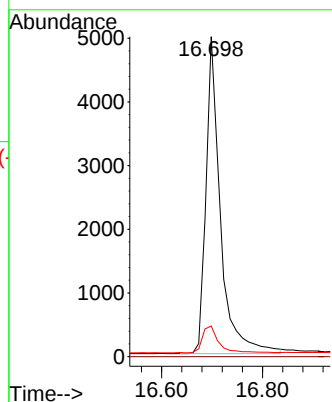
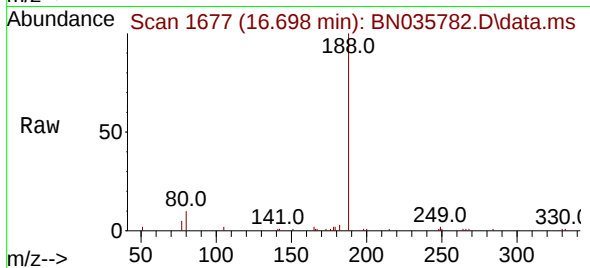
Tgt Ion:188 Resp: 9917

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 4.6 6.8#



#27

Fluoranthene-d10

Concen: 0.193 ng

RT: 18.752 min Scan# 1875

Delta R.T. -0.009 min

Lab File: BN035782.D

Acq: 23 Dec 2024 13:54

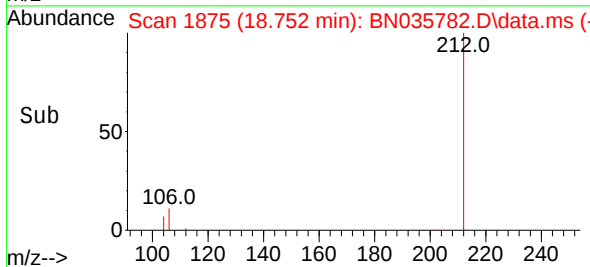
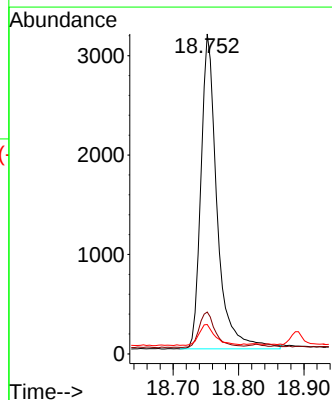
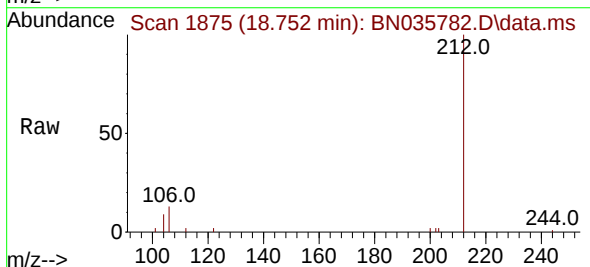
Tgt Ion:212 Resp: 5431

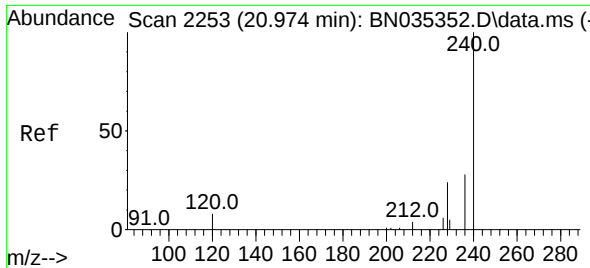
Ion Ratio Lower Upper

212 100

106 11.4 9.2 13.8

104 6.7 5.3 7.9

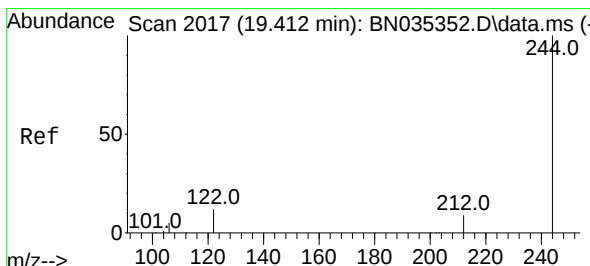
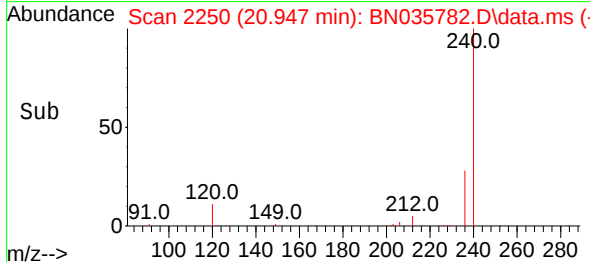
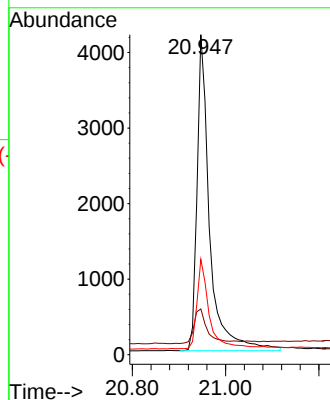
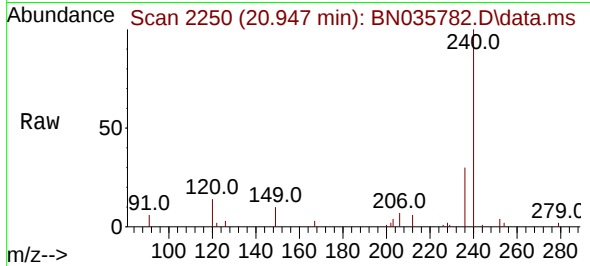




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035782.D
Acq: 23 Dec 2024 13:54

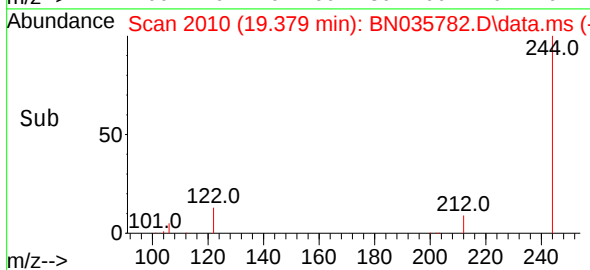
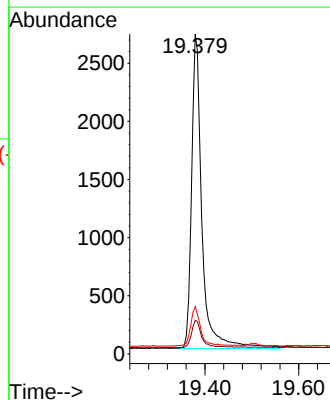
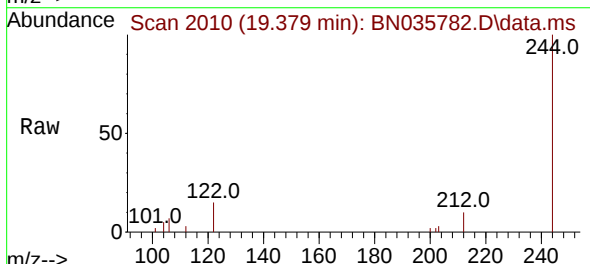
Instrument :
BNA_N
ClientSampleId :
RE132D5-20241217

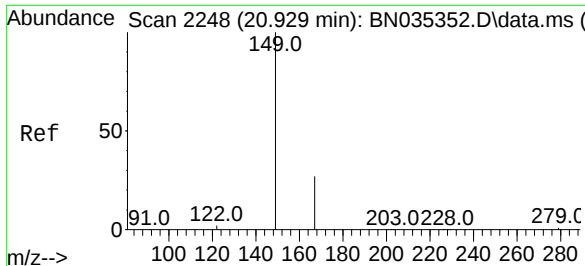
Tgt Ion:240 Resp: 7844
Ion Ratio Lower Upper
240 100
120 14.3 7.9 11.9#
236 29.8 22.9 34.3



#31
Terphenyl-d14
Concen: 0.268 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035782.D
Acq: 23 Dec 2024 13:54

Tgt Ion:244 Resp: 4148
Ion Ratio Lower Upper
244 100
212 10.5 8.1 12.1
122 14.8 10.3 15.5

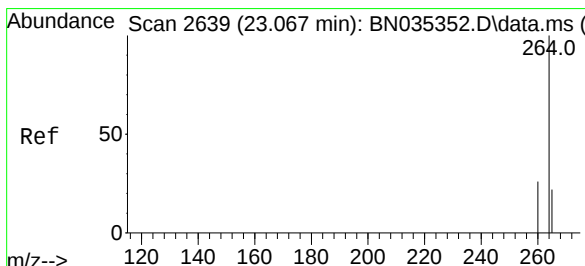
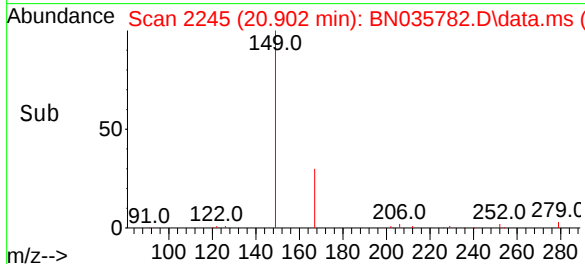
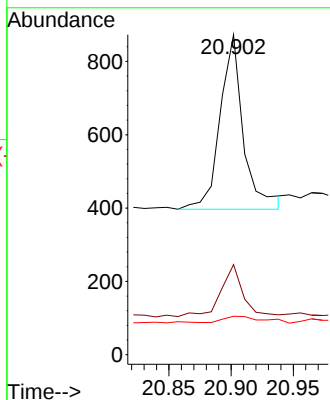
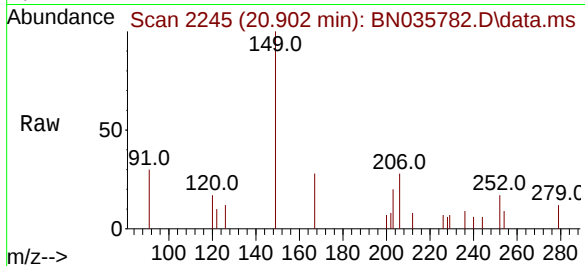




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.057 ng
RT: 20.902 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035782.D
Acq: 23 Dec 2024 13:54

Instrument :
BNA_N
ClientSampleId :
RE132D5-20241217

Tgt Ion:149 Resp: 619
Ion Ratio Lower Upper
149 100
167 28.3 22.2 33.4
279 6.8 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.032 min Scan# 2627
Delta R.T. -0.009 min
Lab File: BN035782.D
Acq: 23 Dec 2024 13:54

Tgt Ion:264 Resp: 8048
Ion Ratio Lower Upper
264 100
260 27.3 21.4 32.2
265 86.0 40.2 60.4#

