

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035734.D
 Acq On : 20 Dec 2024 10:29
 Operator : RC/JU
 Sample : P5261-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20241210

Quant Time: Dec 20 11:38:01 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)

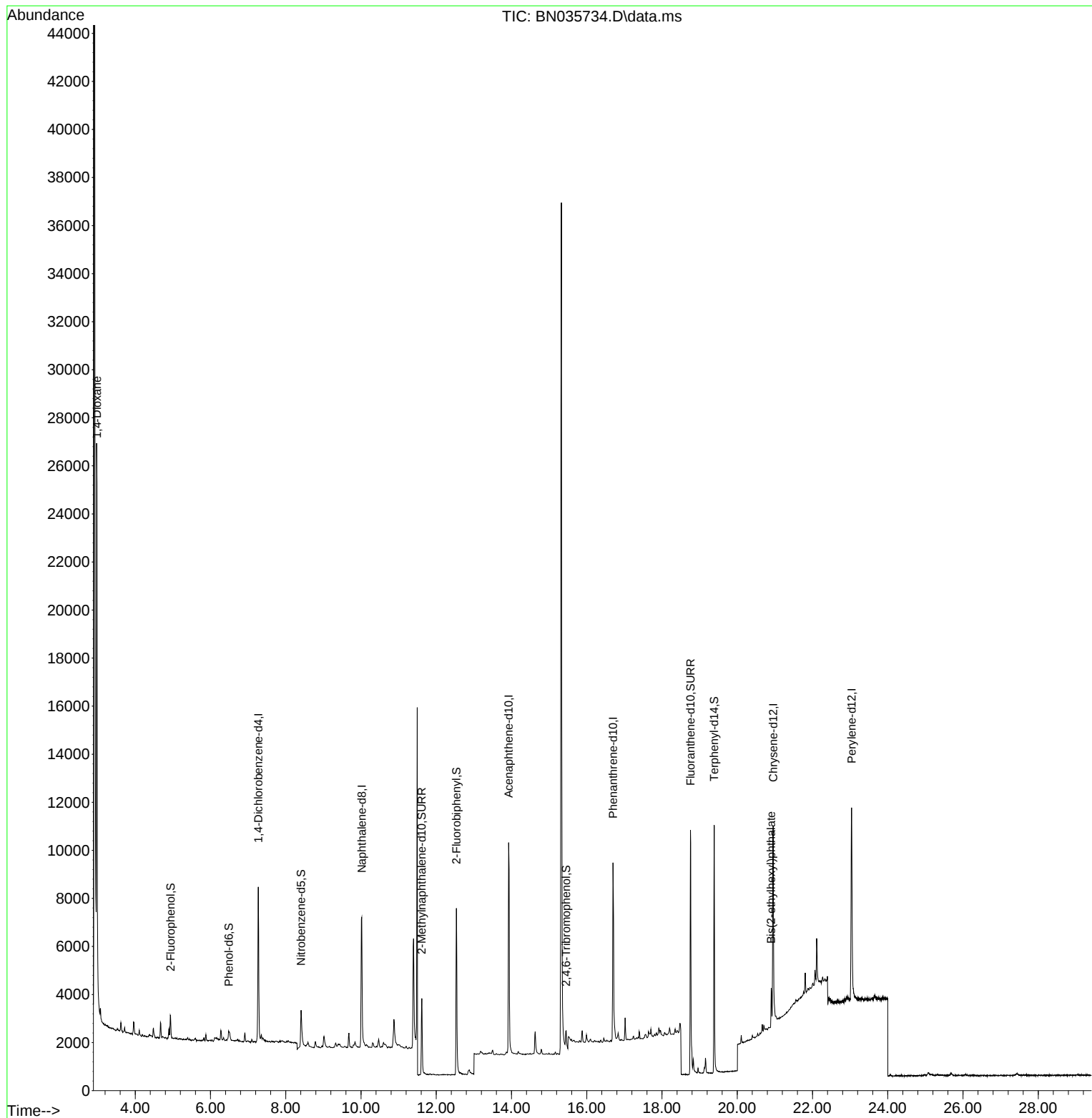
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	3263	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	9192	0.400	ng	# 0.00
13) Acenaphthene-d10	13.924	164	5650	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	11736	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	10093	0.400	ng	0.00
35) Perylene-d12	23.038	264	11111	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	901	0.110	ng	0.00
5) Phenol-d6	6.484	99	526	0.054	ng	0.00
8) Nitrobenzene-d5	8.408	82	3001	0.535	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	4807	0.334	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	826	0.206	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	7160	0.335	ng	0.00
27) Fluoranthene-d10	18.757	212	12798	0.385	ng	0.00
31) Terphenyl-d14	19.389	244	11302	0.568	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	15457	4.955	ng	Qvalue 100
34) Bis(2-ethylhexyl)phtha...	20.902	149	1655	0.119	ng	# 98

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

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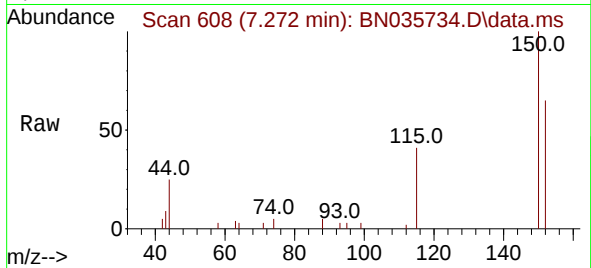
Quant Time: Dec 20 11:38:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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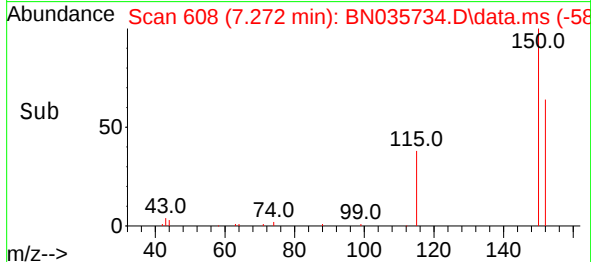
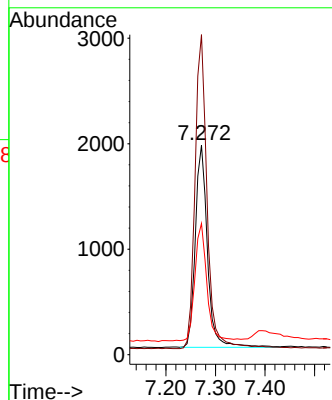


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.272 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN035734.D
 Acq: 20 Dec 2024 10:29

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20241210

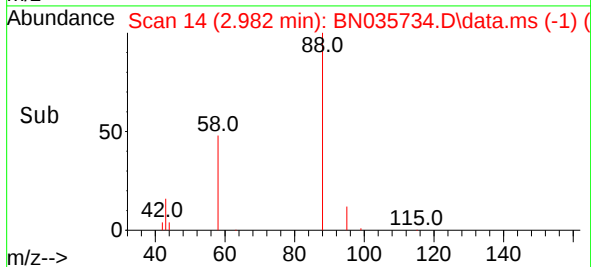
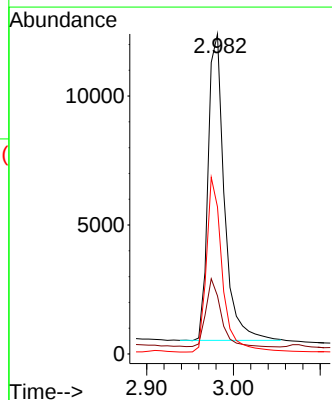
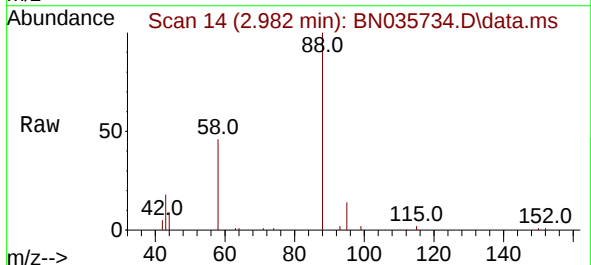


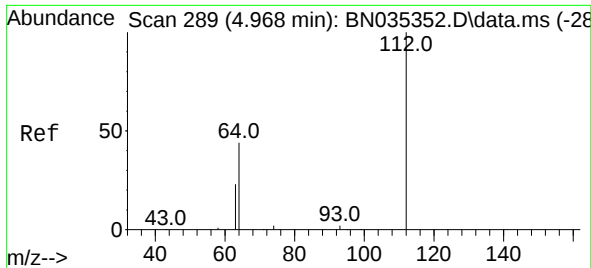
Tgt Ion:152 Resp: 3263
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.0 186.0
 115 62.6 49.6 74.4



#2
 1,4-Dioxane
 Concen: 4.955 ng
 RT: 2.982 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035734.D
 Acq: 20 Dec 2024 10:29

Tgt Ion: 88 Resp: 15457
 Ion Ratio Lower Upper
 88 100
 43 20.9 17.2 25.8
 58 55.7 44.5 66.7

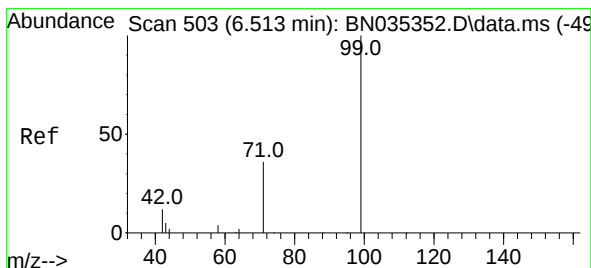
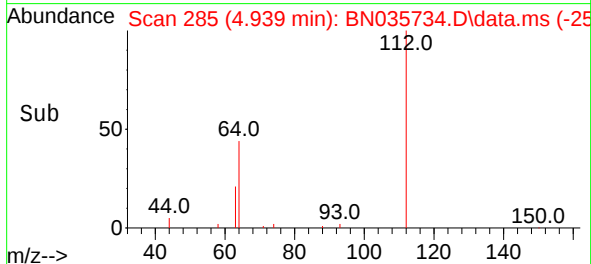
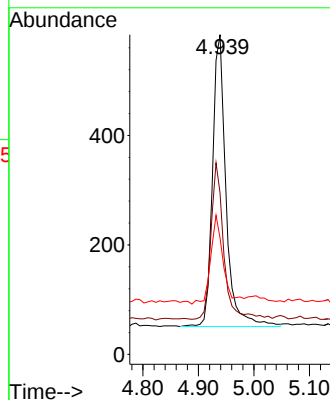
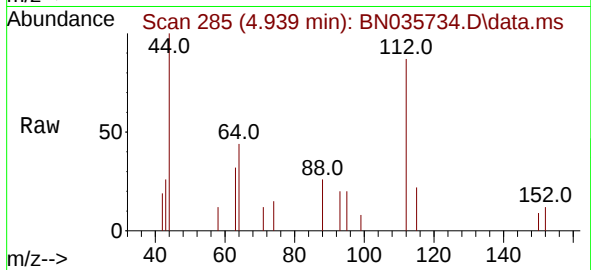




#4
2-Fluorophenol
Concen: 0.110 ng
RT: 4.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

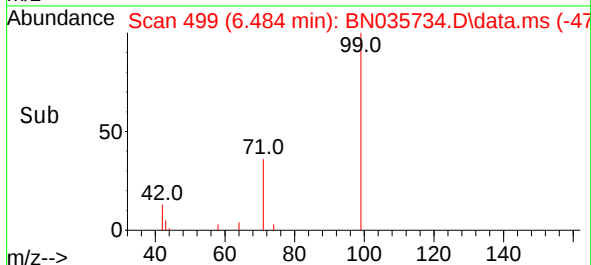
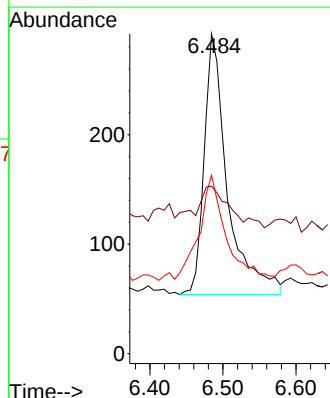
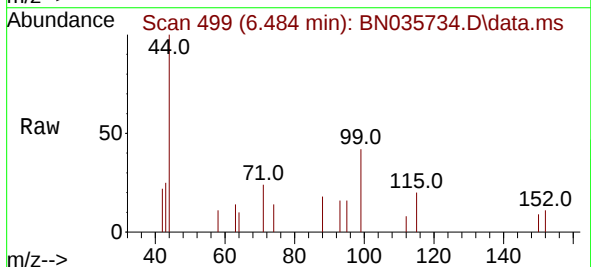
Instrument :
BNA_N
ClientSampleId :
RE125D1-20241210

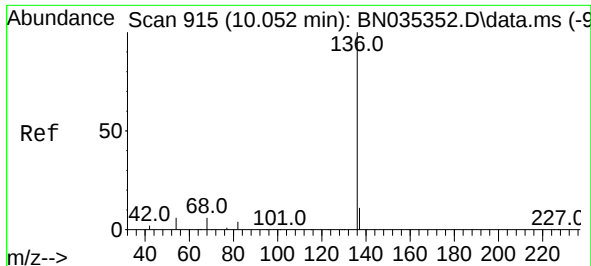
Tgt Ion:	112	Resp:	901
Ion	Ratio	Lower	Upper
112	100		
64	51.1	39.8	59.8
63	27.4	21.0	31.6



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

Tgt Ion:	99	Resp:	526
Ion	Ratio	Lower	Upper
99	100		
42	19.2	11.4	17.2#
71	47.3	29.3	43.9#

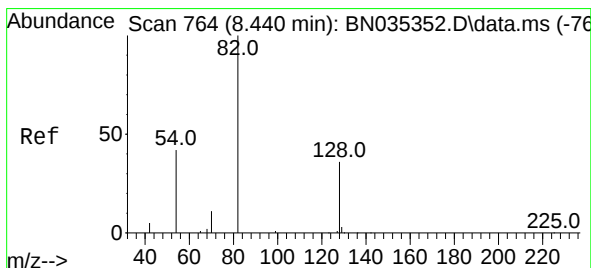
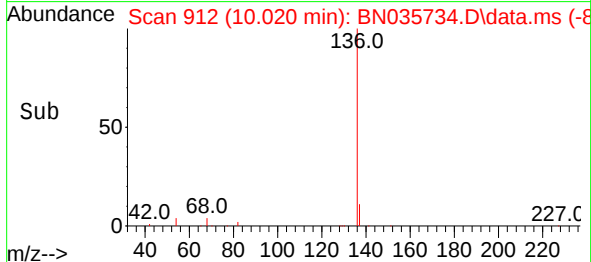
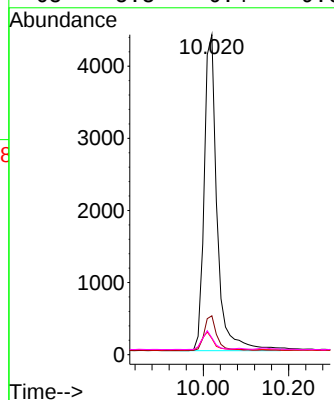
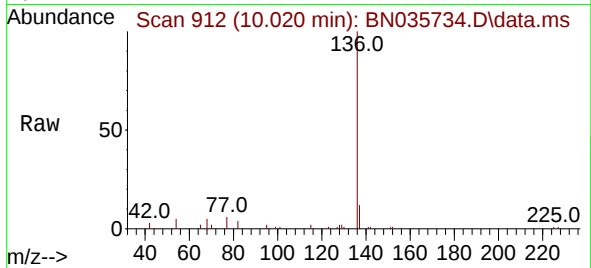




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

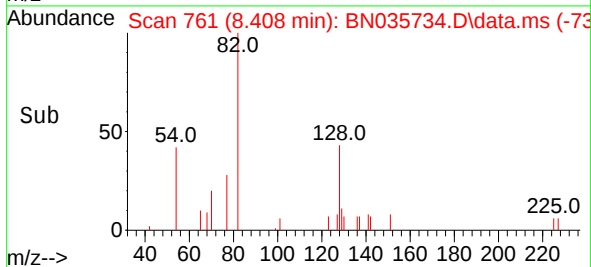
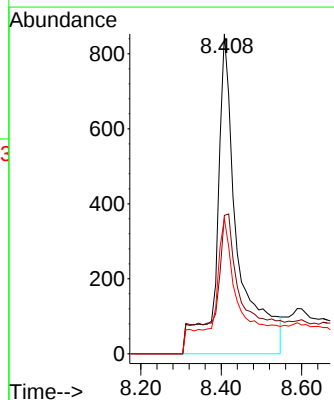
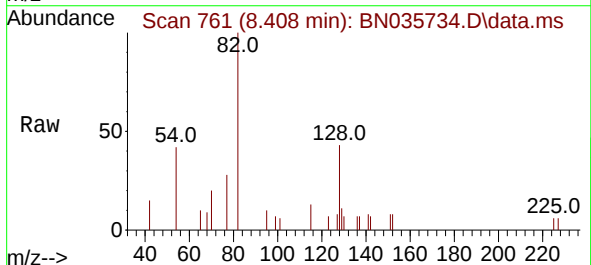
Instrument :
BNA_N
ClientSampleId :
RE125D1-20241210

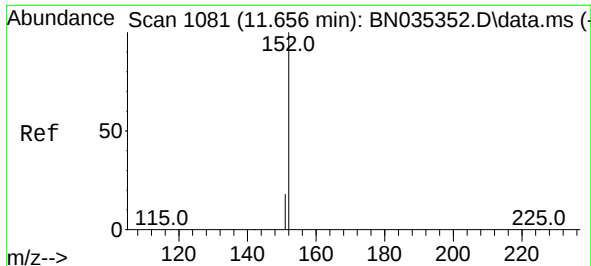
Tgt Ion:136	Resp:	9192
Ion Ratio	Lower	Upper
136	100	
137	12.1	10.2 15.2
54	5.0	6.1 9.1#
68	5.3	6.4 9.6#



#8
Nitrobenzene-d5
Concen: 0.535 ng
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035734.D
Acq: 20 Dec 2024 10:29

Tgt Ion: 82	Resp:	3001
Ion Ratio	Lower	Upper
82	100	
128	43.3	33.4 50.0
54	42.2	36.7 55.1





#11

2-Methylnaphthalene-d10

Concen: 0.334 ng

RT: 11.616 min Scan# 1073

Delta R.T. -0.005 min

Lab File: BN035734.D

Acq: 20 Dec 2024 10:29

Instrument :

BNA_N

ClientSampleId :

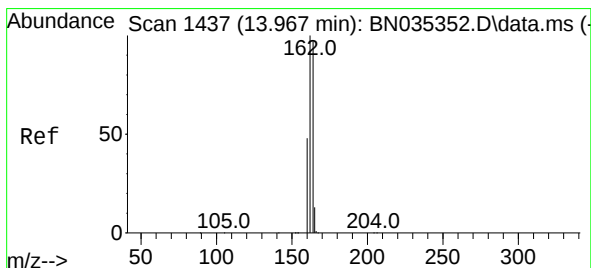
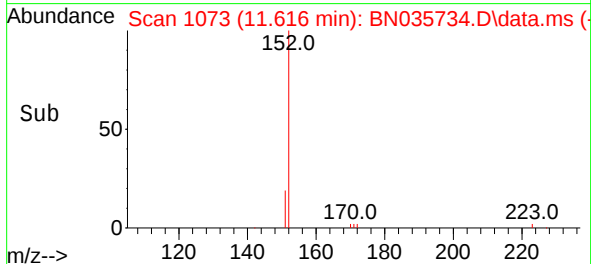
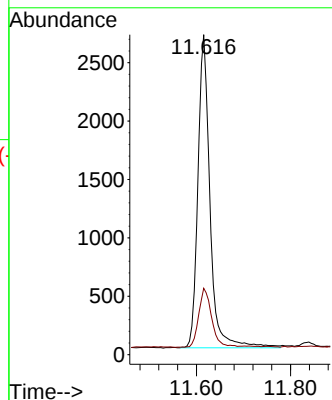
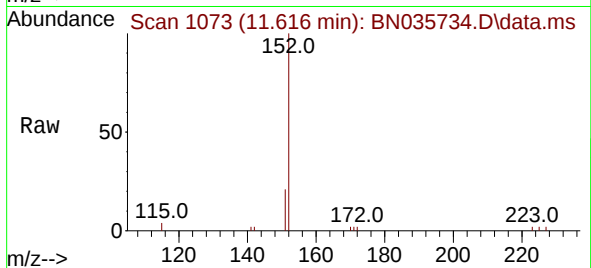
RE125D1-20241210

Tgt Ion:152 Resp: 4807

Ion Ratio Lower Upper

152 100

151 20.3 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: BN035734.D

Acq: 20 Dec 2024 10:29

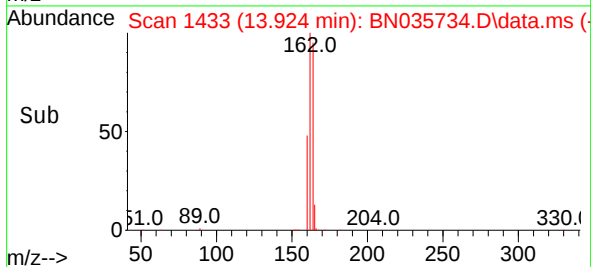
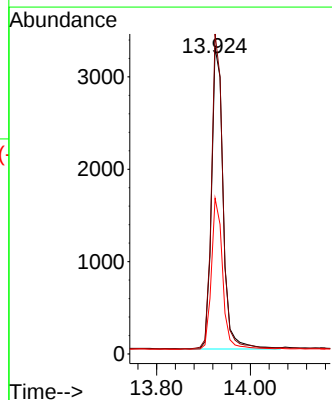
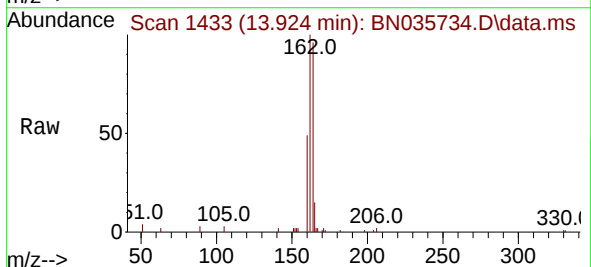
Tgt Ion:164 Resp: 5650

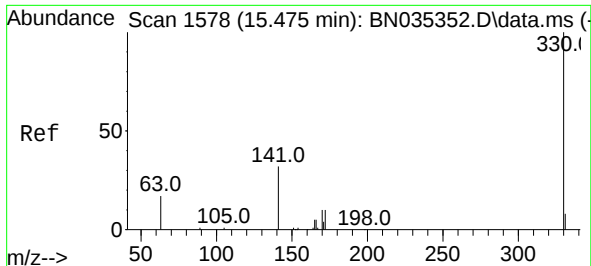
Ion Ratio Lower Upper

164 100

162 104.5 82.2 123.2

160 50.8 40.1 60.1





#14

2,4,6-Tribromophenol

Concen: 0.206 ng

RT: 15.453 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN035734.D

Acq: 20 Dec 2024 10:29

Instrument :

BNA_N

ClientSampleId :

RE125D1-20241210

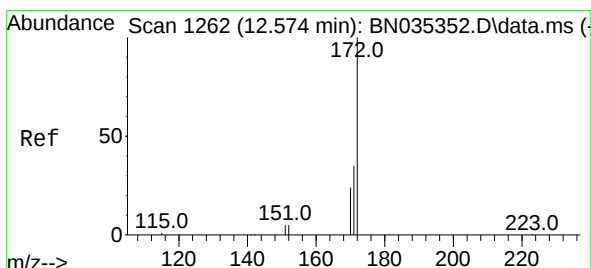
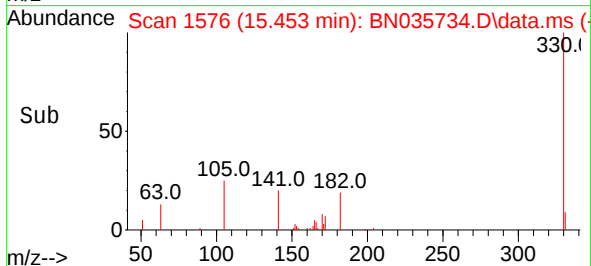
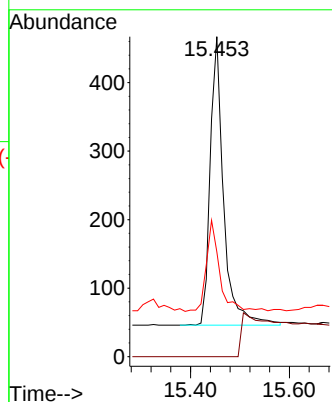
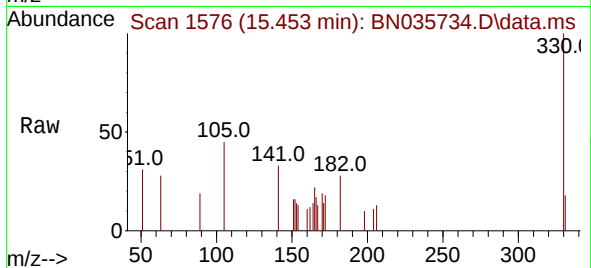
Tgt Ion:330 Resp: 826

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 31.1 26.6 40.0



#15

2-Fluorobiphenyl

Concen: 0.335 ng

RT: 12.539 min Scan# 1255

Delta R.T. -0.005 min

Lab File: BN035734.D

Acq: 20 Dec 2024 10:29

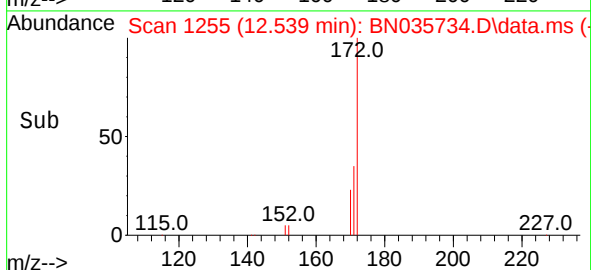
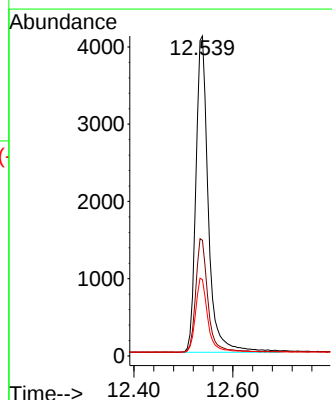
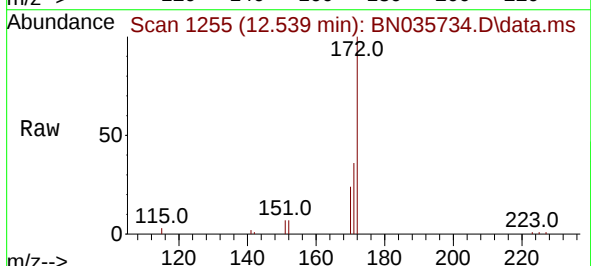
Tgt Ion:172 Resp: 7160

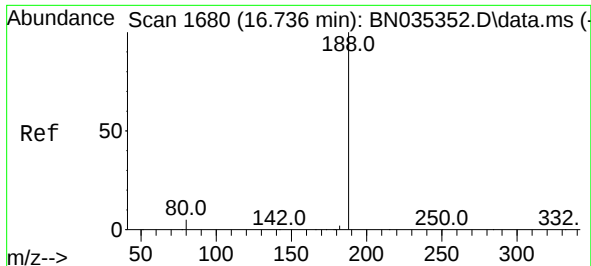
Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

170 23.9 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.698 min Scan# 11736

Delta R.T. -0.000 min

Lab File: BN035734.D

Acq: 20 Dec 2024 10:29

Instrument :

BNA_N

ClientSampleId :

RE125D1-20241210

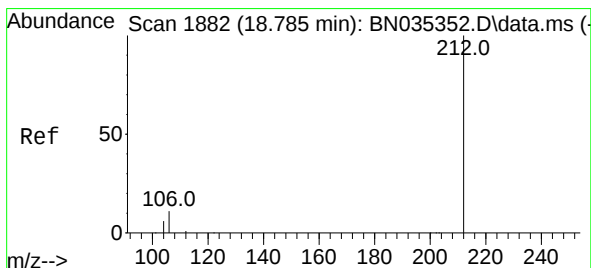
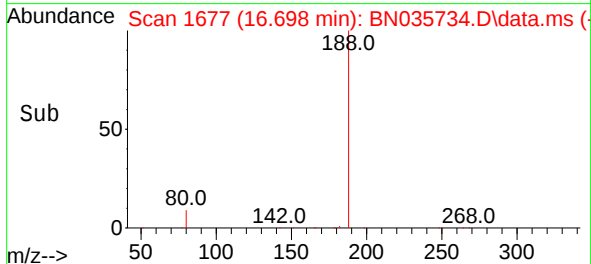
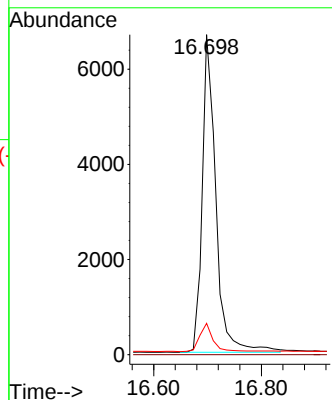
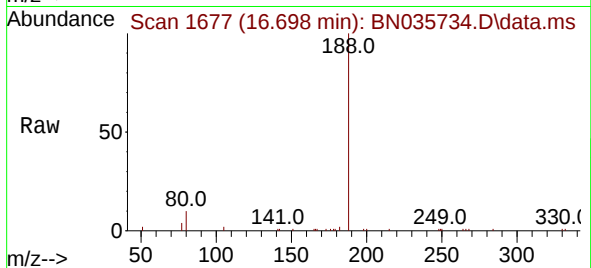
Tgt Ion:188 Resp: 11736

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 4.6 6.8#



#27

Fluoranthene-d10

Concen: 0.385 ng

RT: 18.757 min Scan# 1876

Delta R.T. -0.005 min

Lab File: BN035734.D

Acq: 20 Dec 2024 10:29

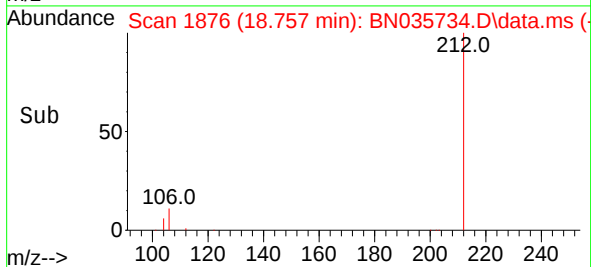
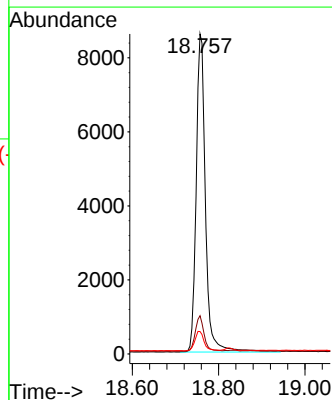
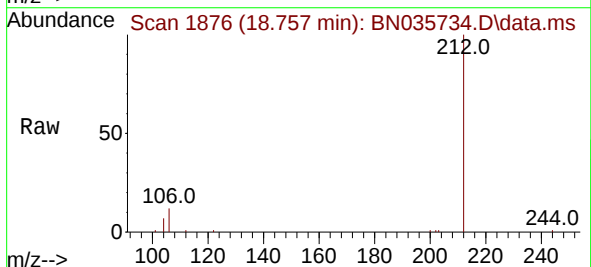
Tgt Ion:212 Resp: 12798

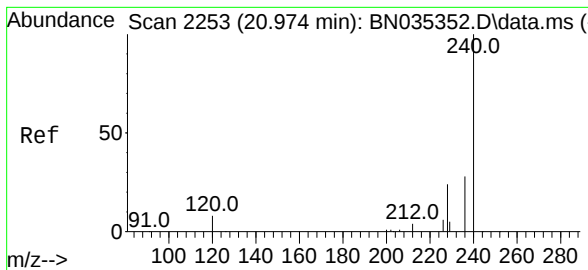
Ion Ratio Lower Upper

212 100

106 10.5 9.2 13.8

104 6.0 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: BN035734.D

Acq: 20 Dec 2024 10:29

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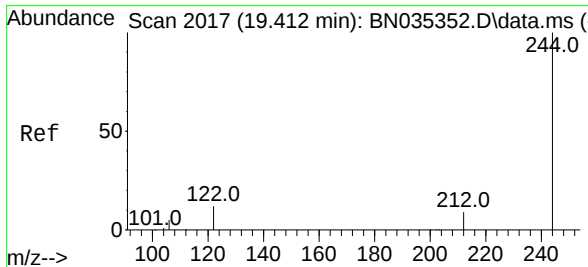
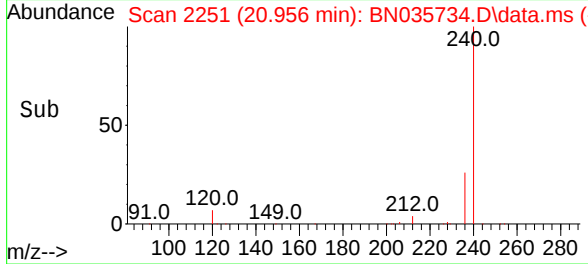
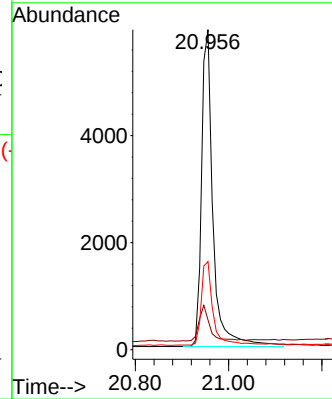
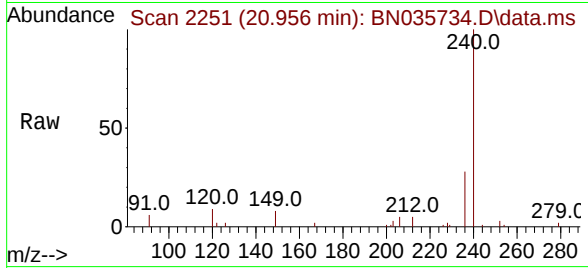
Tgt Ion:240 Resp: 10093

Ion Ratio Lower Upper

240 100

120 9.3 7.9 11.9

236 27.6 22.9 34.3



#31

Terphenyl-d14

Concen: 0.568 ng

RT: 19.389 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BN035734.D

Acq: 20 Dec 2024 10:29

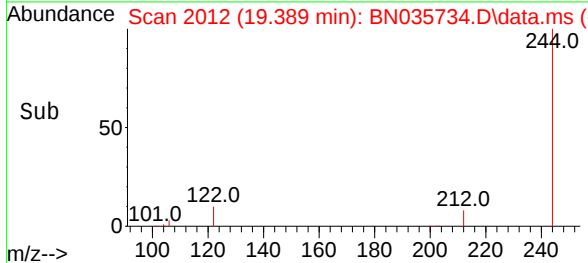
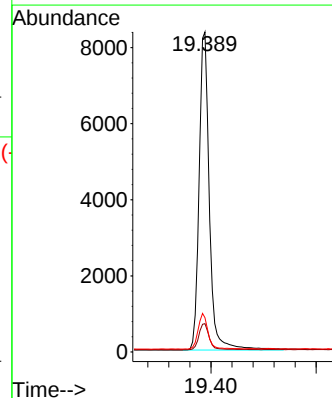
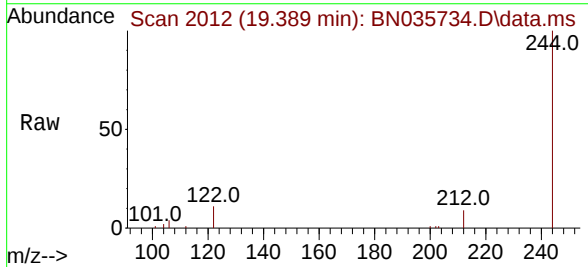
Tgt Ion:244 Resp: 11302

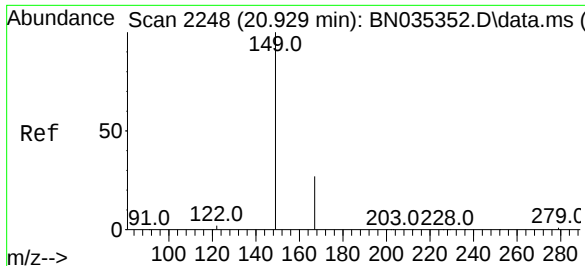
Ion Ratio Lower Upper

244 100

212 8.9 8.1 12.1

122 10.7 10.3 15.5

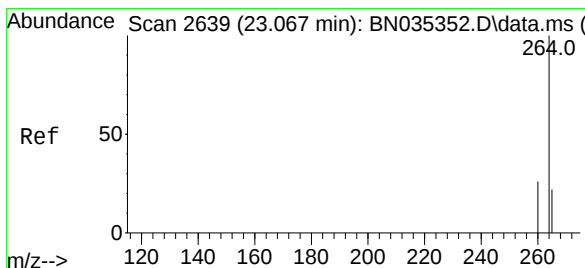
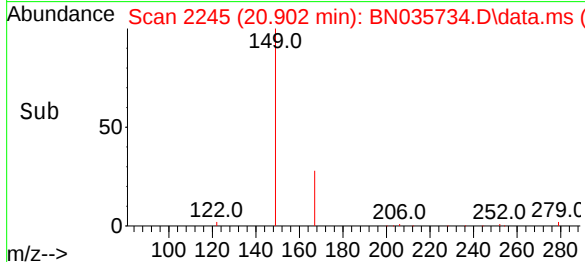
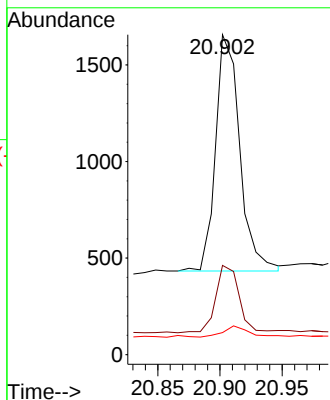
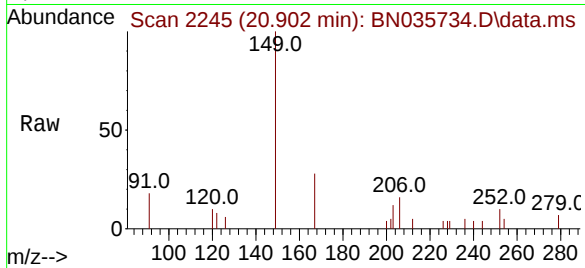




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.119 ng
 RT: 20.902 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN035734.D
 Acq: 20 Dec 2024 10:29

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20241210

Tgt Ion:149 Resp: 1655
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.2 33.4
 279 5.0 2.7 4.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.038 min Scan# 2629
 Delta R.T. -0.003 min
 Lab File: BN035734.D
 Acq: 20 Dec 2024 10:29

Tgt Ion:264 Resp: 11111
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.4 32.2
 265 61.4 40.2 60.4#

