

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
 Data File : BN034554.D
 Acq On : 11 Oct 2024 14:35
 Operator : RC/JU
 Sample : P4267-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-11-HYD-20241001

Quant Time: Oct 11 15:42:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

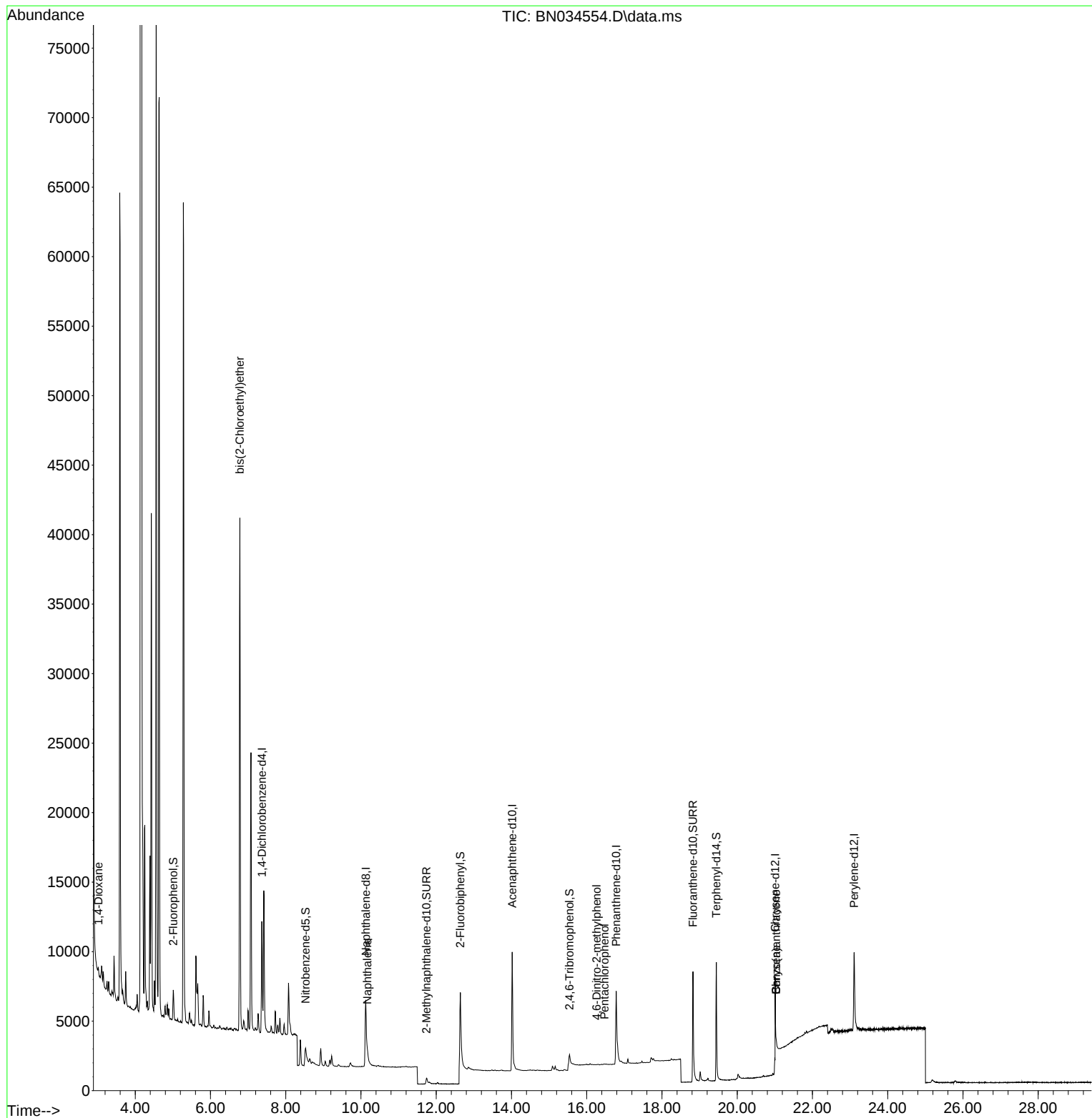
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.366	152	4037	0.400	ng	0.00
7) Naphthalene-d8	10.127	136	10825	0.400	ng	0.00
13) Acenaphthene-d10	14.019	164	6085	0.400	ng	0.00
19) Phenanthrene-d10	16.784	188	10936	0.400	ng	# 0.00
29) Chrysene-d12	21.008	240	4789	0.400	ng	# 0.00
35) Perylene-d12	23.107	264	8624	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	1342	0.117	ng	0.00
5) Phenol-d6	6.586	99	10	0.001	ng	0.01
8) Nitrobenzene-d5	8.525	82	2183	0.264	ng	0.01
11) 2-Methylnaphthalene-d10	11.742	152	1027	0.064	ng	0.02
14) 2,4,6-Tribromophenol	15.542	330	778	0.282	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	8114	0.328	ng	0.00
27) Fluoranthene-d10	18.825	212	10890	0.395	ng	0.00
31) Terphenyl-d14	19.443	244	9393	0.982	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.025	88	262	0.052	ng	# 47
6) bis(2-Chloroethyl)ether	6.781	93	24775	2.101	ng	# 38
9) Naphthalene	10.169	128	628	0.021	ng	# 62
20) 4,6-Dinitro-2-methylph...	16.262	198	1	0.138	ng	# 1
24) Pentachlorophenol	16.473	266	53	0.023	ng	96
32) Benzo(a)anthracene	21.035	228	466	0.031	ng	# 54
33) Chrysene	21.035	228	573	0.032	ng	# 58

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
Data File : BN034554.D
Acq On : 11 Oct 2024 14:35
Operator : RC/JU
Sample : P4267-01RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001

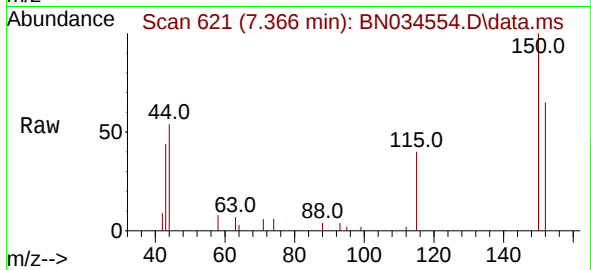
Quant Time: Oct 11 15:42:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration



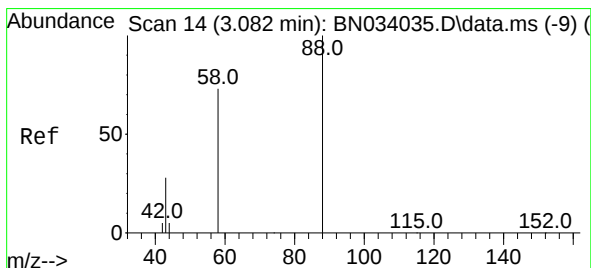
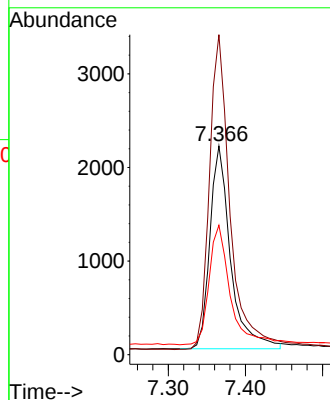
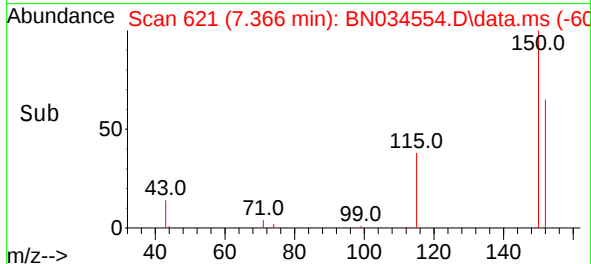


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.366 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034554.D
Acq: 11 Oct 2024 14:35

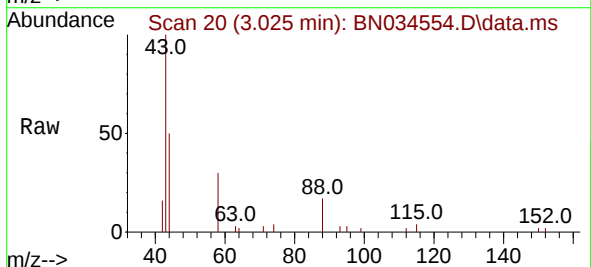
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001



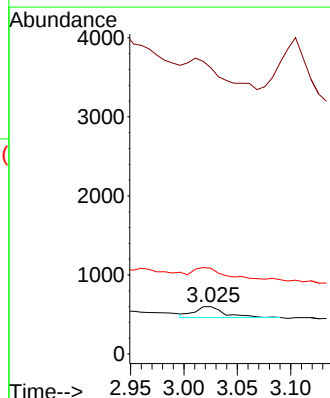
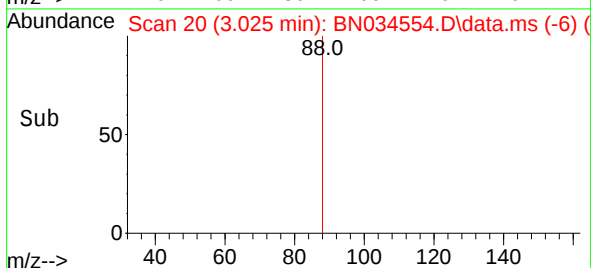
Tgt Ion:152 Resp: 4037
Ion Ratio Lower Upper
152 100
150 153.4 124.6 187.0
115 62.1 50.0 75.0



#2
1,4-Dioxane
Concen: 0.052 ng
RT: 3.025 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN034554.D
Acq: 11 Oct 2024 14:35



Tgt Ion: 88 Resp: 262
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 116.8 58.8 88.2#

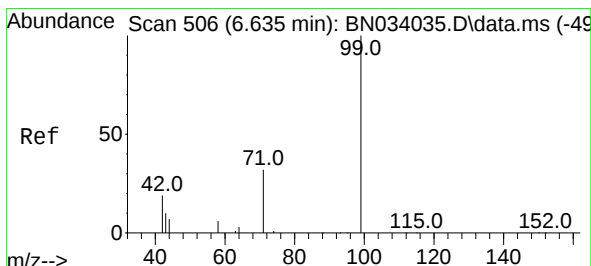
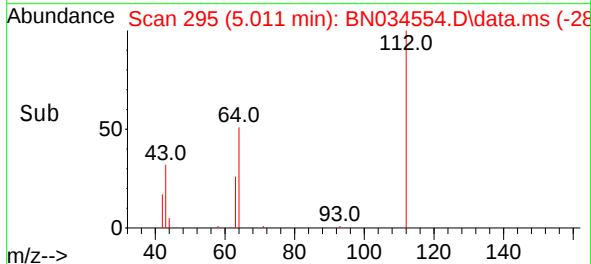
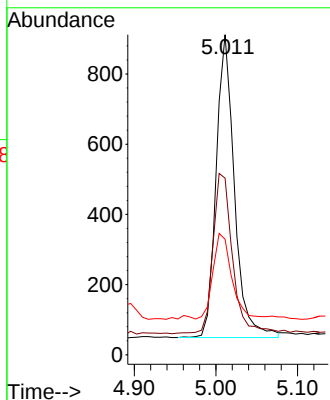
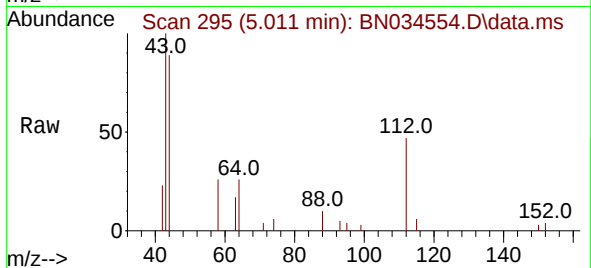




#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.011 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN034554.D
Acq: 11 Oct 2024 14:35

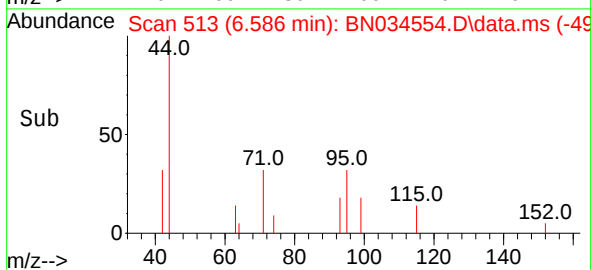
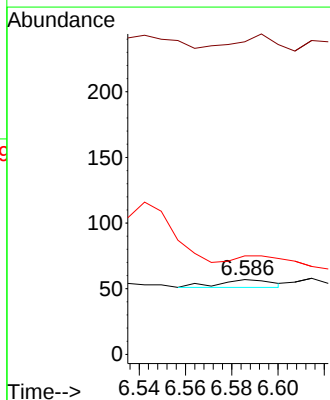
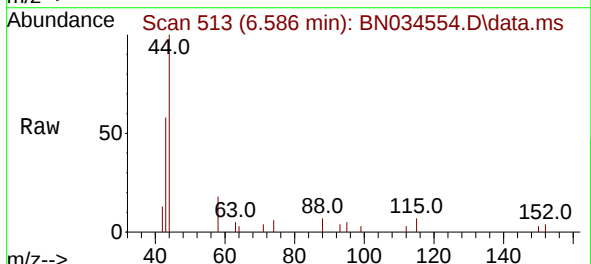
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001

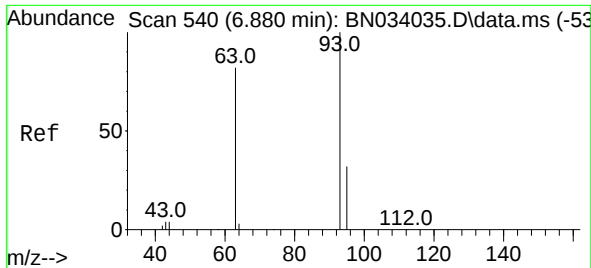
Tgt Ion:112 Resp: 1342
Ion Ratio Lower Upper
112 100
64 56.6 48.6 72.8
63 29.6 25.6 38.4



#5
Phenol-d6
Concen: 0.001 ng
RT: 6.586 min Scan# 513
Delta R.T. 0.015 min
Lab File: BN034554.D
Acq: 11 Oct 2024 14:35

Tgt Ion: 99 Resp: 10
Ion Ratio Lower Upper
99 100
42 130.0 17.8 26.8#
71 160.0 26.2 39.2#

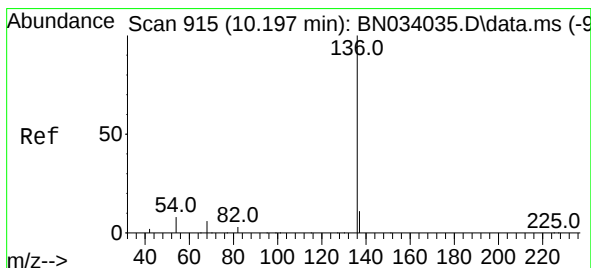
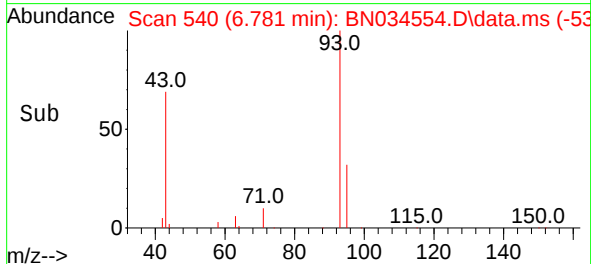
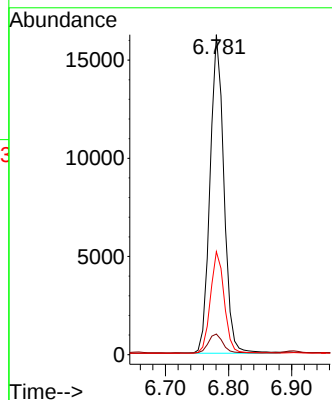
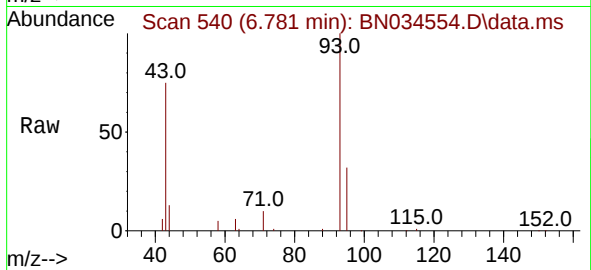




#6
bis(2-Chloroethyl)ether
Concen: 2.101 ng
RT: 6.781 min Scan# 540
Delta R.T. -0.036 min
Lab File: BN034554.D
Acq: 11 Oct 2024 14:35

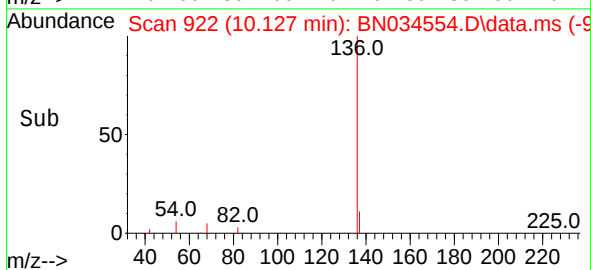
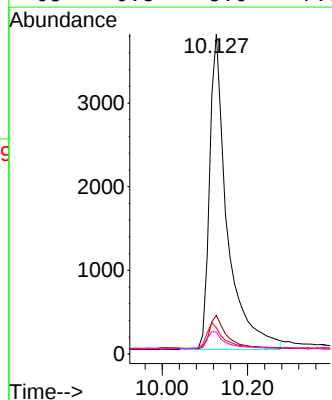
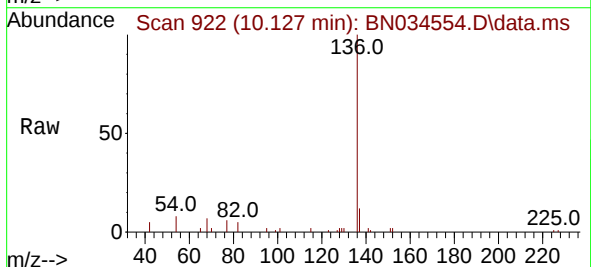
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001

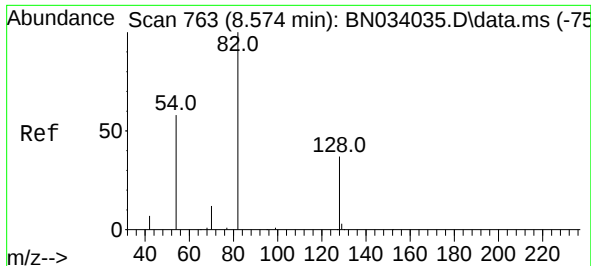
Tgt Ion: 93 Resp: 24775
Ion Ratio Lower Upper
93 100
63 6.2 67.3 100.9#
95 31.9 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. 0.000 min
Lab File: BN034554.D
Acq: 11 Oct 2024 14:35

Tgt Ion:136 Resp: 10825
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.6
54 8.1 6.8 10.2
68 6.8 5.0 7.6

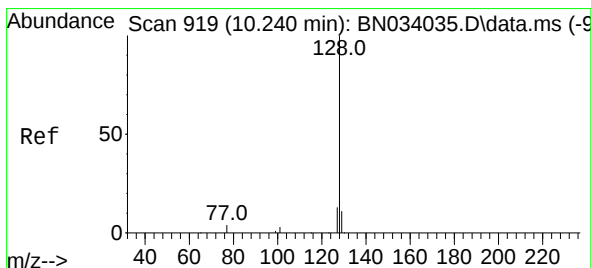
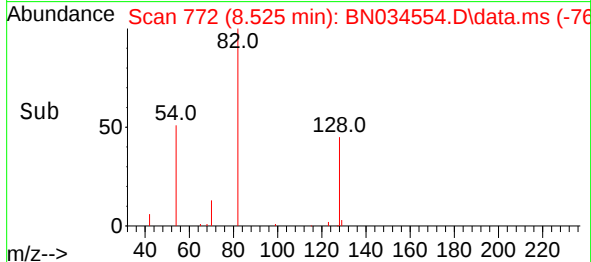
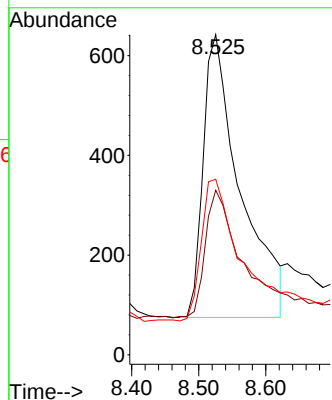
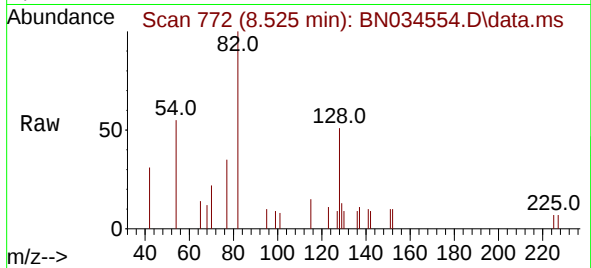




#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 8.525 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN034554.D
Acq: 11 Oct 2024 14:35

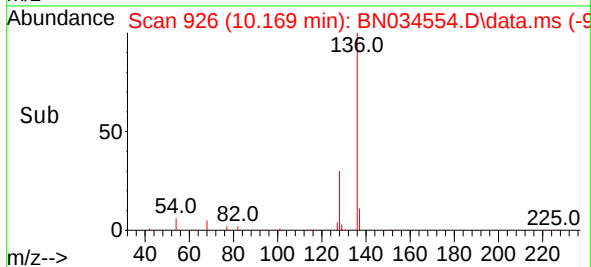
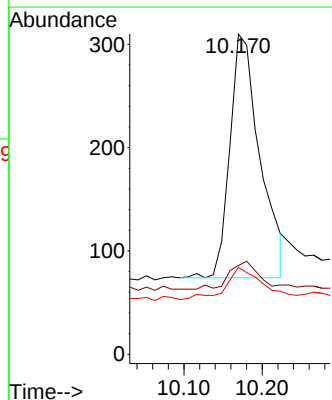
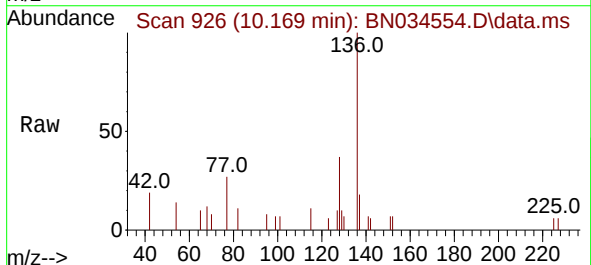
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001

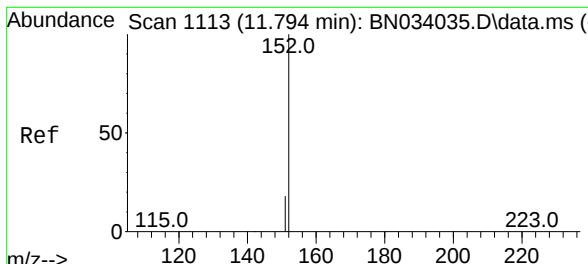
Tgt Ion: 82 Resp: 2183
Ion Ratio Lower Upper
82 100
128 51.4 31.4 47.2#
54 54.8 47.4 71.0



#9
Naphthalene
Concen: 0.021 ng
RT: 10.169 min Scan# 926
Delta R.T. 0.000 min
Lab File: BN034554.D
Acq: 11 Oct 2024 14:35

Tgt Ion: 128 Resp: 628
Ion Ratio Lower Upper
128 100
129 27.7 9.2 13.8#
127 27.1 10.7 16.1#

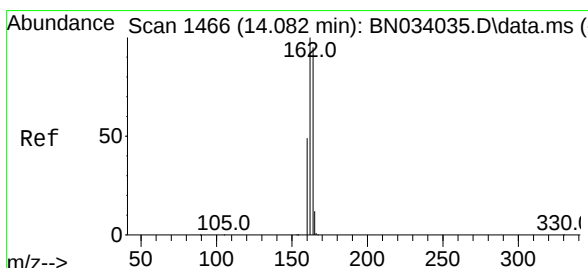
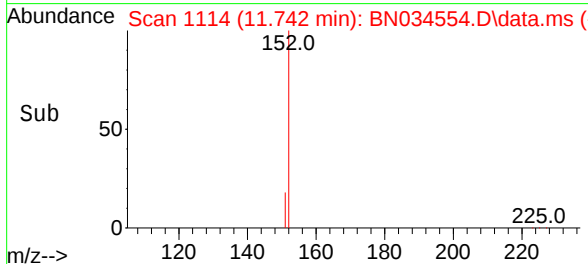
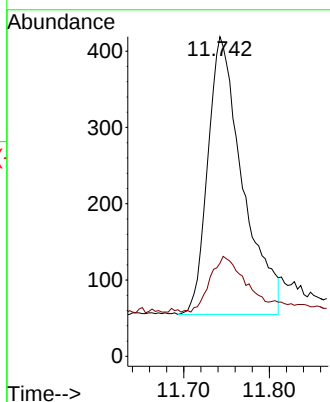
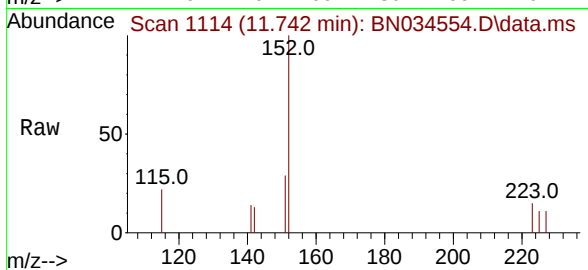




#11
2-Methylnaphthalene-d10
Concen: 0.064 ng
RT: 11.742 min Scan# 1114
Delta R.T. 0.015 min
Lab File: BN034554.D
Acq: 11 Oct 2024 14:35

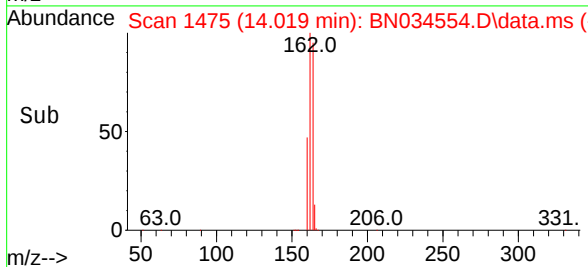
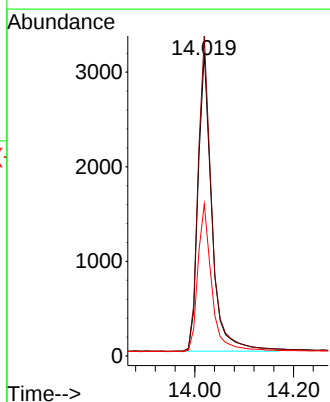
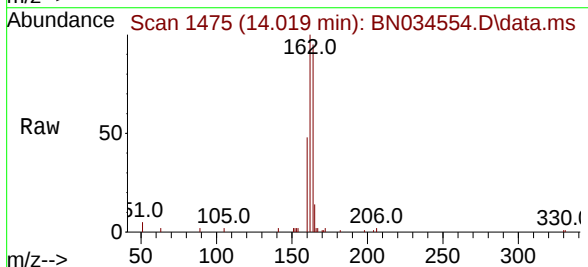
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001

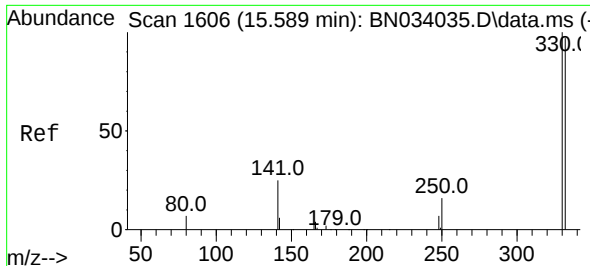
Tgt Ion:152 Resp: 1027
Ion Ratio Lower Upper
152 100
151 19.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 1475
Delta R.T. 0.004 min
Lab File: BN034554.D
Acq: 11 Oct 2024 14:35

Tgt Ion:164 Resp: 6085
Ion Ratio Lower Upper
164 100
162 105.5 84.2 126.2
160 50.1 41.7 62.5

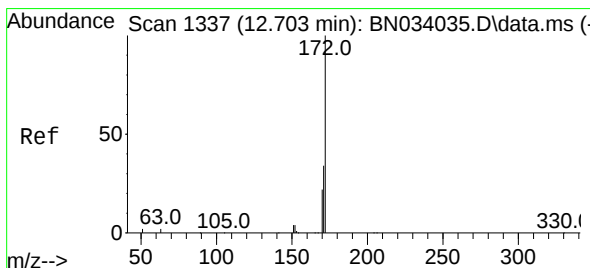
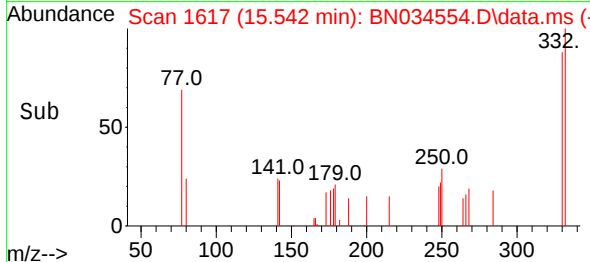
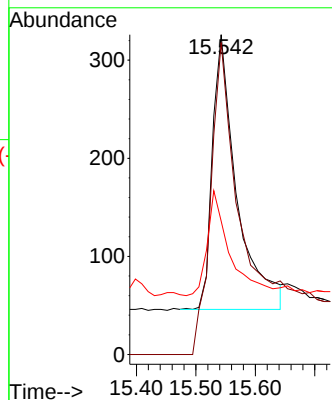
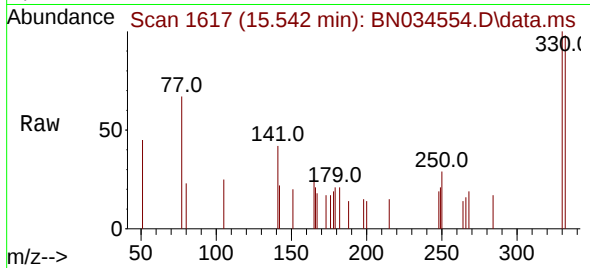




#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.542 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN034554.D
Acq: 11 Oct 2024 14:35

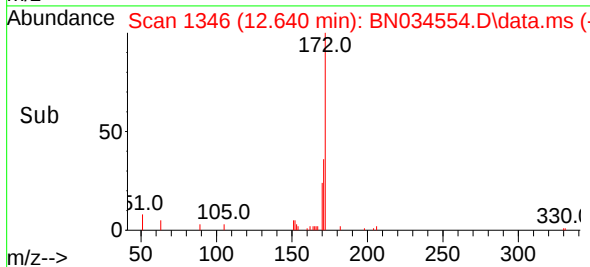
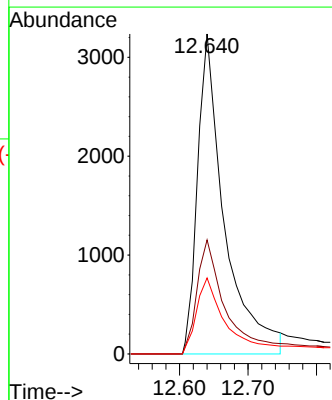
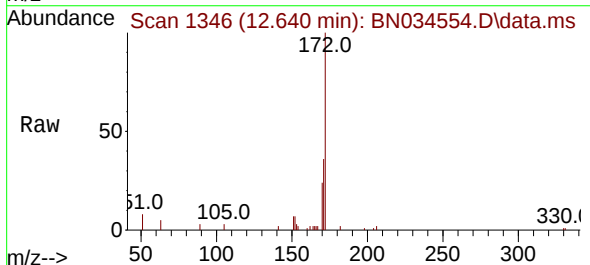
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001

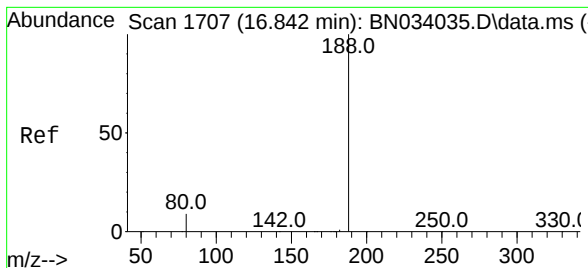
Tgt Ion:330 Resp: 778
Ion Ratio Lower Upper
330 100
332 140.2 77.4 116.0#
141 35.5 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.640 min Scan# 1346
Delta R.T. 0.004 min
Lab File: BN034554.D
Acq: 11 Oct 2024 14:35

Tgt Ion:172 Resp: 8114
Ion Ratio Lower Upper
172 100
171 35.7 27.3 40.9
170 23.8 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.784 min Scan# 1

Delta R.T. 0.006 min

Lab File: BN034554.D

Acq: 11 Oct 2024 14:35

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241001

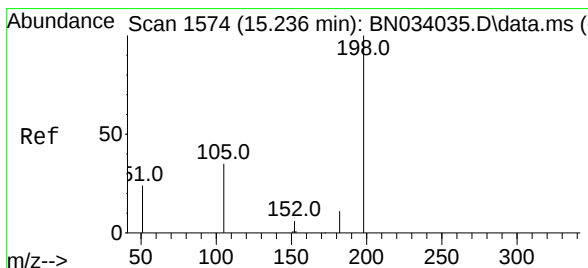
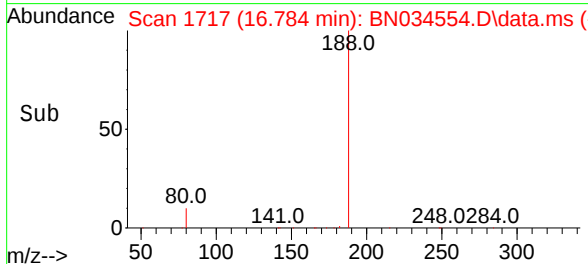
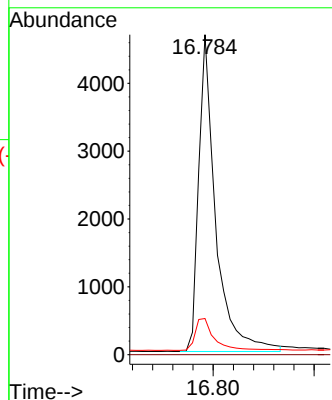
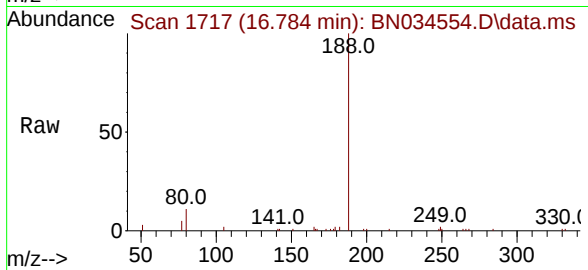
Tgt Ion:188 Resp: 10936

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 16.262 min Scan# 1675

Delta R.T. -0.019 min

Lab File: BN034554.D

Acq: 11 Oct 2024 14:35

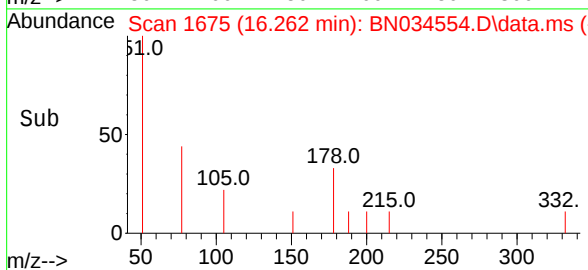
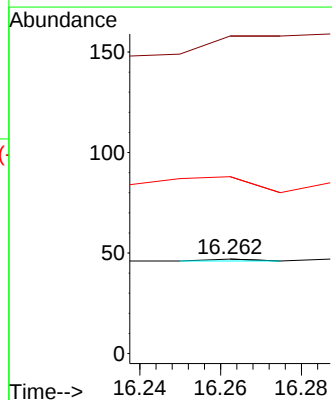
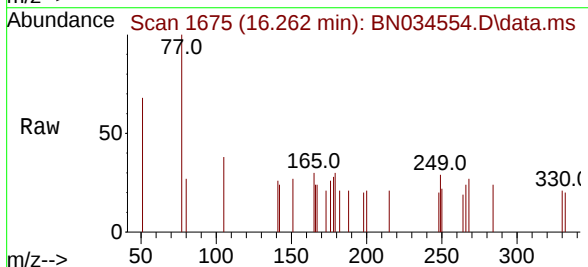
Tgt Ion:198 Resp: 1

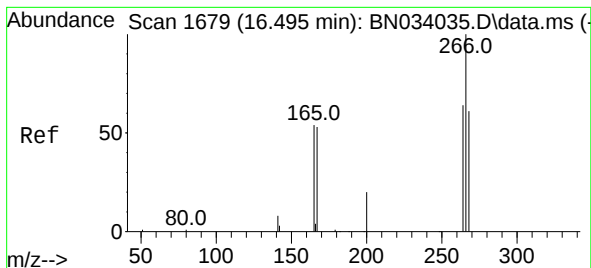
Ion Ratio Lower Upper

198 100

51 336.2 106.4 159.6#

105 187.2 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.023 ng

RT: 16.473 min Scan# 1692

Delta R.T. 0.030 min

Lab File: BN034554.D

Acq: 11 Oct 2024 14:35

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241001

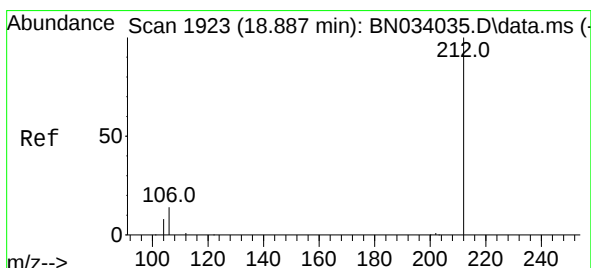
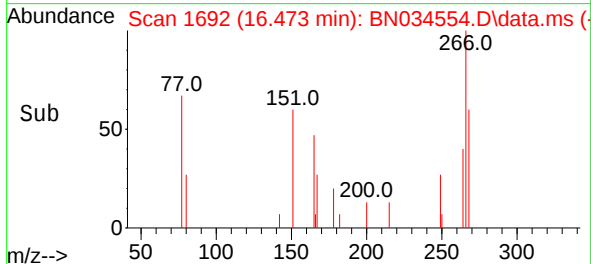
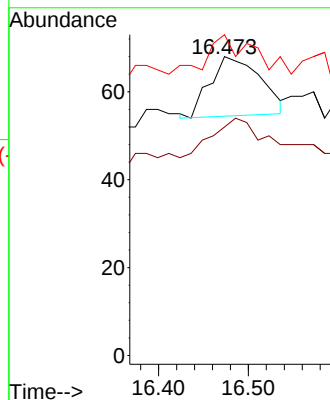
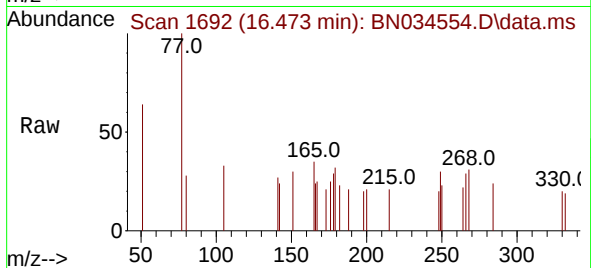
Tgt Ion:266 Resp: 53

Ion Ratio Lower Upper

266 100

264 66.0 50.2 75.2

268 60.4 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.395 ng

RT: 18.825 min Scan# 1924

Delta R.T. -0.002 min

Lab File: BN034554.D

Acq: 11 Oct 2024 14:35

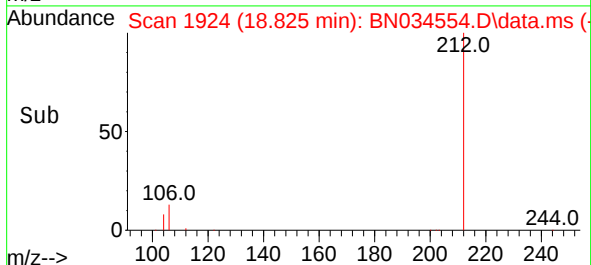
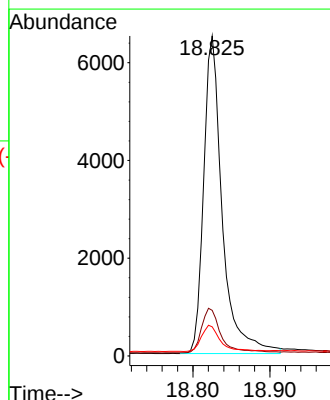
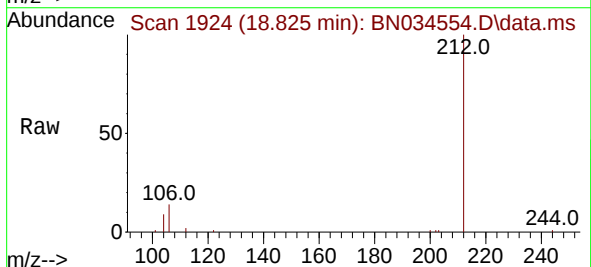
Tgt Ion:212 Resp: 10890

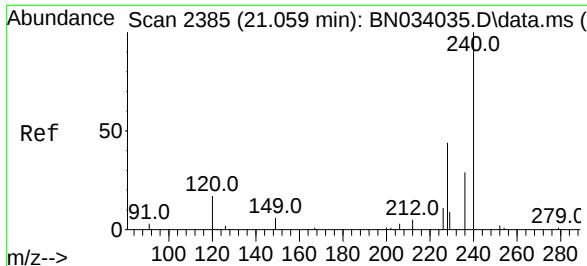
Ion Ratio Lower Upper

212 100

106 14.5 13.4 20.2

104 8.4 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.008 min Scan# 21

Delta R.T. 0.002 min

Lab File: BN034554.D

Acq: 11 Oct 2024 14:35

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241001

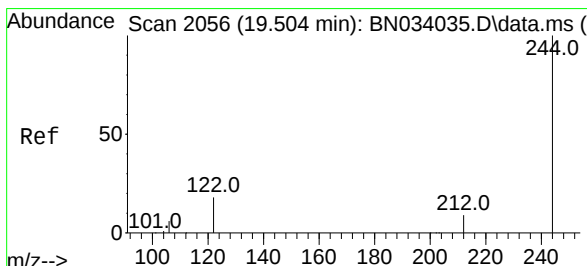
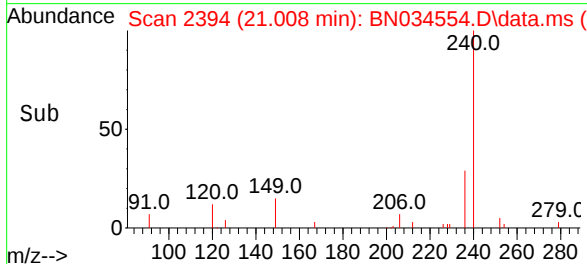
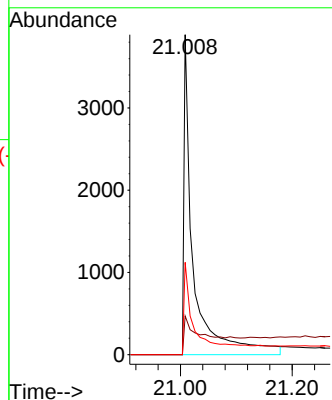
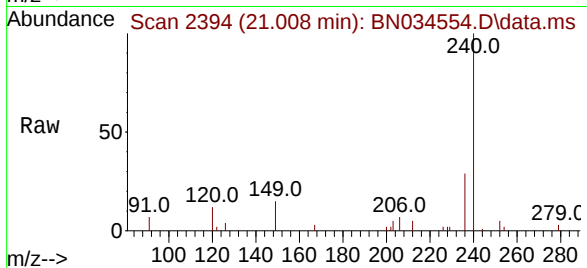
Tgt Ion:240 Resp: 4789

Ion Ratio Lower Upper

240 100

120 12.1 13.5 20.3#

236 28.8 23.4 35.0



#31

Terphenyl-d14

Concen: 0.982 ng

RT: 19.443 min Scan# 2057

Delta R.T. -0.007 min

Lab File: BN034554.D

Acq: 11 Oct 2024 14:35

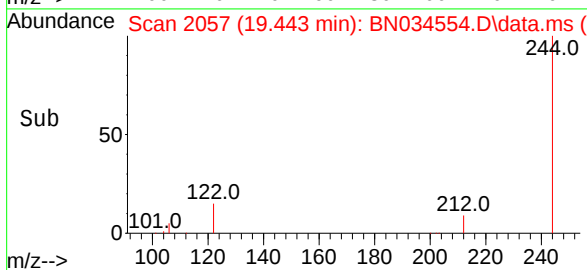
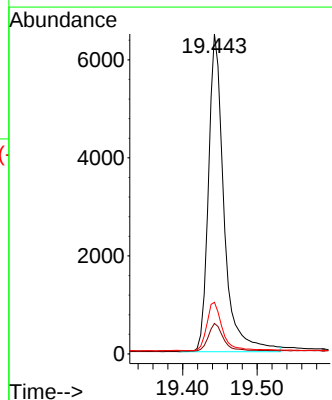
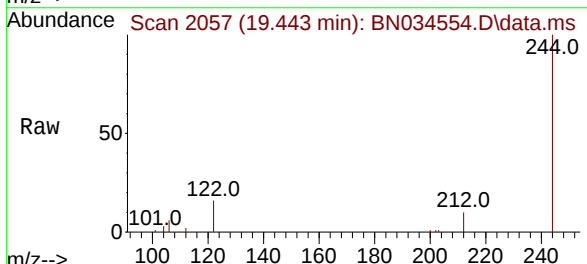
Tgt Ion:244 Resp: 9393

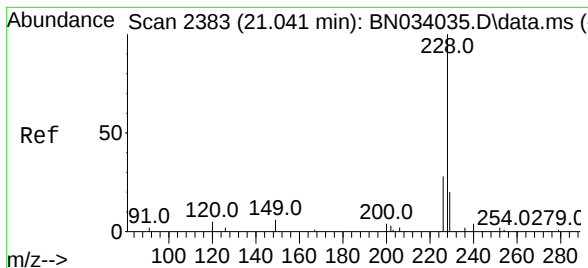
Ion Ratio Lower Upper

244 100

212 9.6 7.8 11.6

122 16.1 14.8 22.2





#32

Benzo(a)anthracene

Concen: 0.031 ng

RT: 21.035 min Scan# 2397

Delta R.T. 0.029 min

Lab File: BN034554.D

Acq: 11 Oct 2024 14:35

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241001

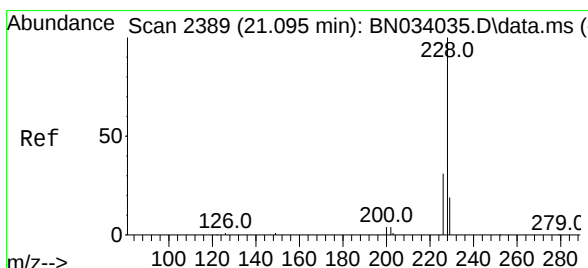
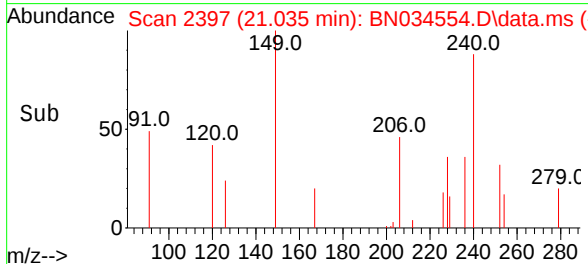
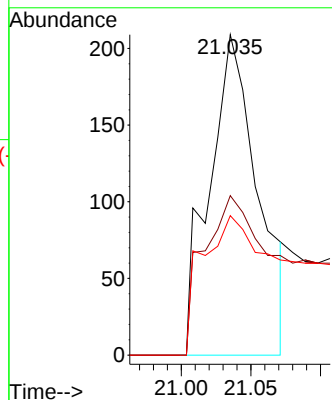
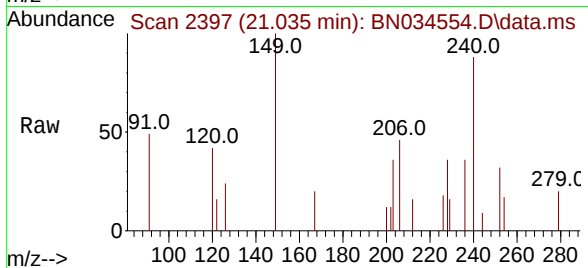
Tgt Ion:228 Resp: 466

Ion Ratio Lower Upper

228 100

226 49.8 22.3 33.5#

229 43.5 15.7 23.5#



#33

Chrysene

Concen: 0.032 ng

RT: 21.035 min Scan# 2397

Delta R.T. -0.006 min

Lab File: BN034554.D

Acq: 11 Oct 2024 14:35

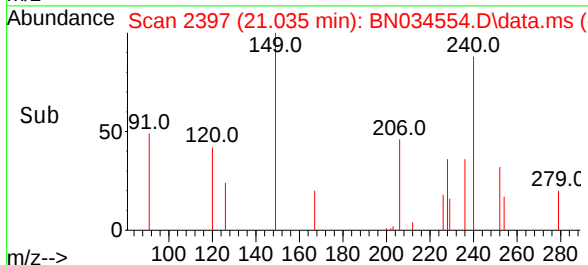
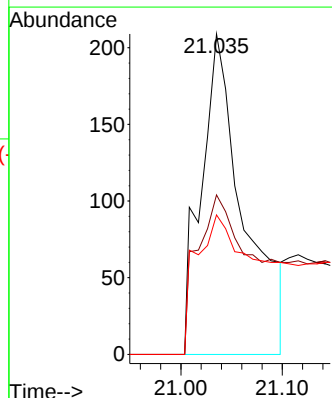
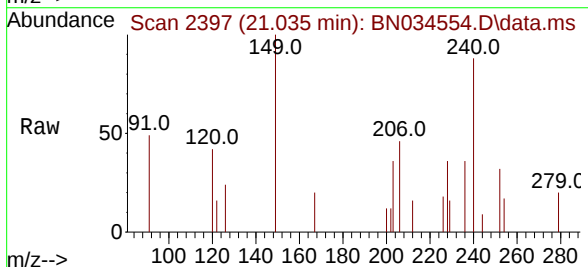
Tgt Ion:228 Resp: 573

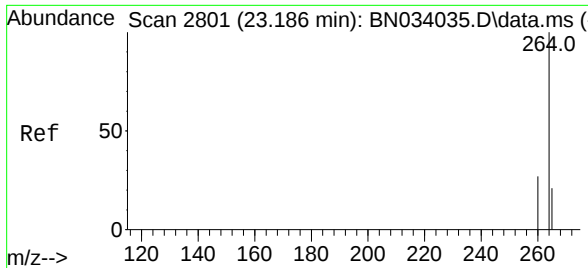
Ion Ratio Lower Upper

228 100

226 49.8 24.6 37.0#

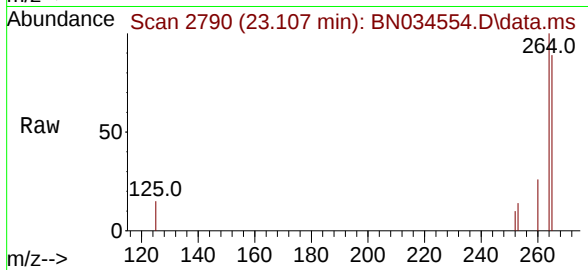
229 43.5 15.5 23.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.107 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN034554.D
Acq: 11 Oct 2024 14:35

Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001



Tgt Ion:264 Resp: 8624
Ion Ratio Lower Upper
264 100
260 26.1 21.7 32.5
265 89.4 52.1 78.1#

