

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
 Data File : BN034576.D
 Acq On : 14 Oct 2024 18:02
 Operator : RC/JU
 Sample : P4386-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DSN002RE

Quant Time: Oct 14 18:29:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 17:52:02 2024
 Response via : Initial Calibration

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

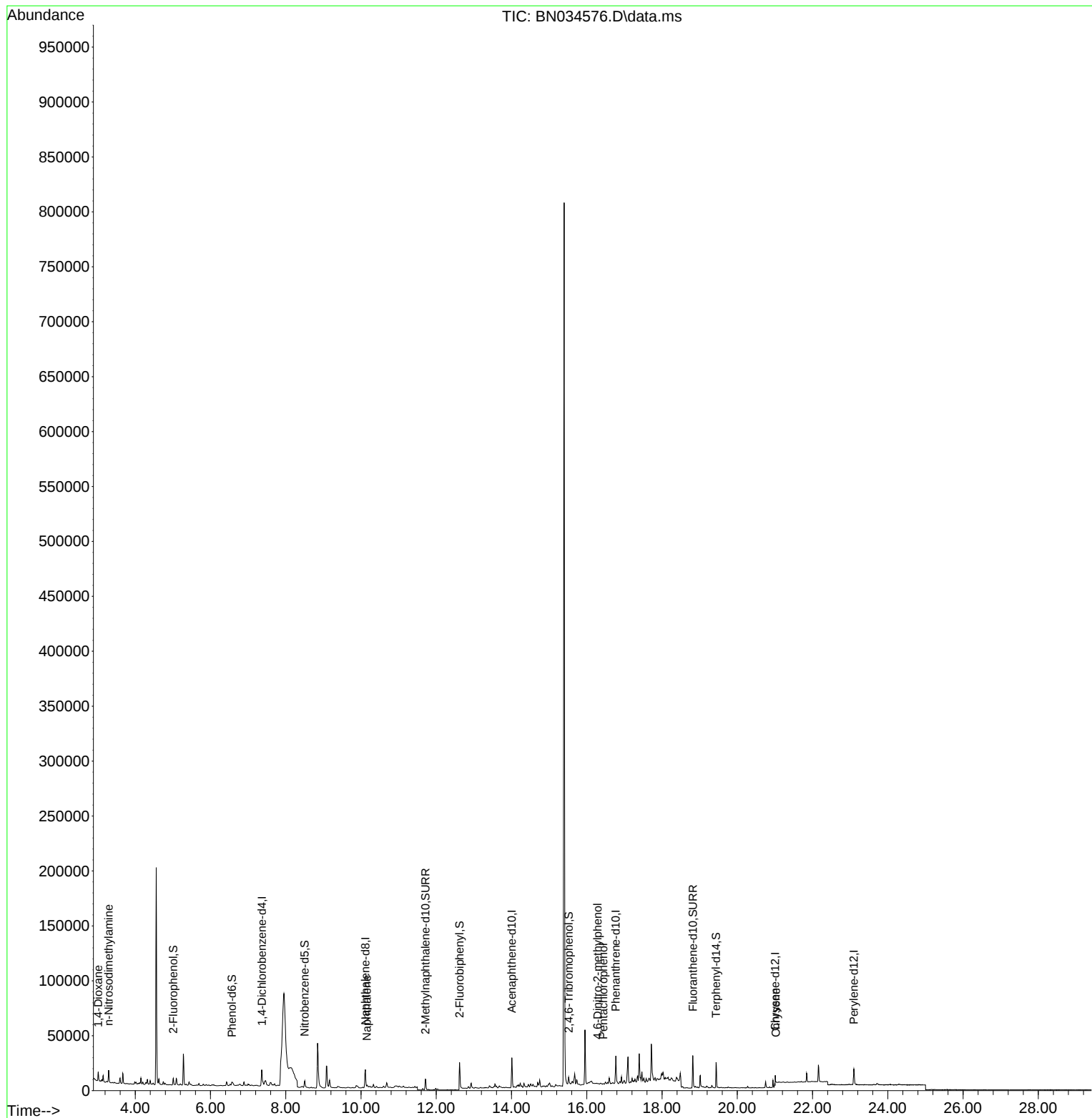
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.365	152	7357	0.400	ng	0.00
7) Naphthalene-d8	10.116	136	23812	0.400	ng	0.00
13) Acenaphthene-d10	14.008	164	15275	0.400	ng	-0.01
19) Phenanthrene-d10	16.771	188	30544	0.400	ng	#-0.01
29) Chrysene-d12	21.008	240	4425	0.400	ng	0.00
35) Perylene-d12	23.098	264	17801	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	4792	0.240	ng	0.00
5) Phenol-d6	6.571	99	3961	0.192	ng	0.00
8) Nitrobenzene-d5	8.504	82	5808	0.374	ng	-0.01
11) 2-Methylnaphthalene-d10	11.712	152	14386	0.403	ng	-0.01
14) 2,4,6-Tribromophenol	15.517	330	3058	0.452	ng	-0.01
15) 2-Fluorobiphenyl	12.618	172	19060	0.362	ng	-0.02
27) Fluoranthene-d10	18.820	212	32549	0.438	ng	0.00
31) Terphenyl-d14	19.438	244	22598	0.890	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.018	88	4888	0.551	ng	# 76
3) n-Nitrosodimethylamine	3.292	42	765	0.095	ng	# 1
9) Naphthalene	10.159	128	1376	0.022	ng	# 58
20) 4,6-Dinitro-2-methylph...	16.287	198	168	0.400	ng	# 1
24) Pentachlorophenol	16.436	266	242	0.038	ng	98
33) Chrysene	21.026	228	1152	0.029	ng	# 32

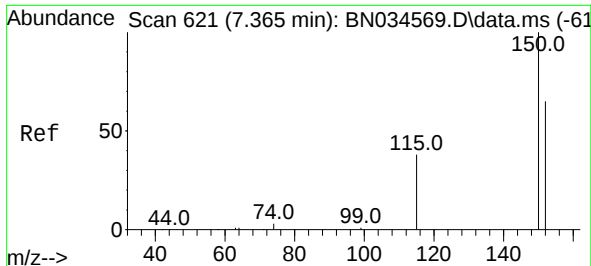
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
Data File : BN034576.D
Acq On : 14 Oct 2024 18:02
Operator : RC/JU
Sample : P4386-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DSN002RE

Quant Time: Oct 14 18:29:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:52:02 2024
Response via : Initial Calibration

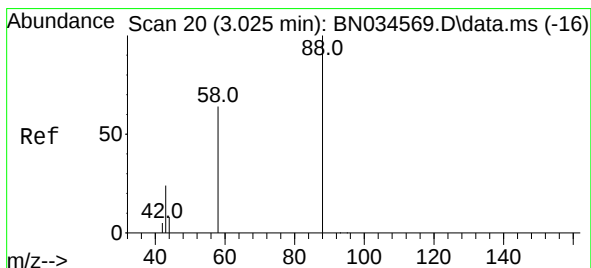
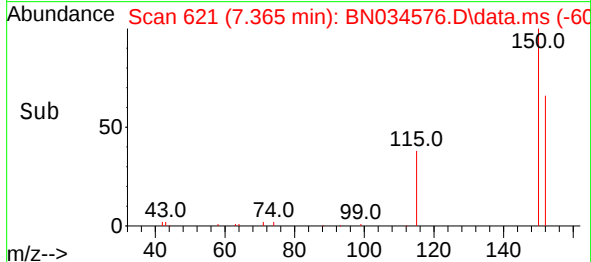
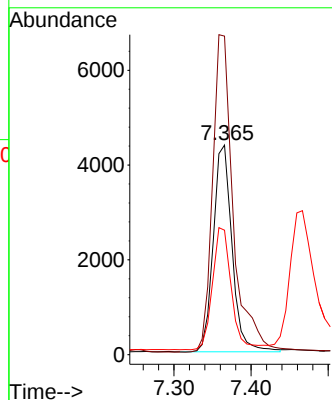
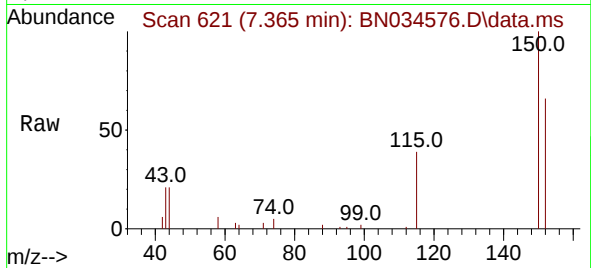




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.365 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN034576.D
 Acq: 14 Oct 2024 18:02

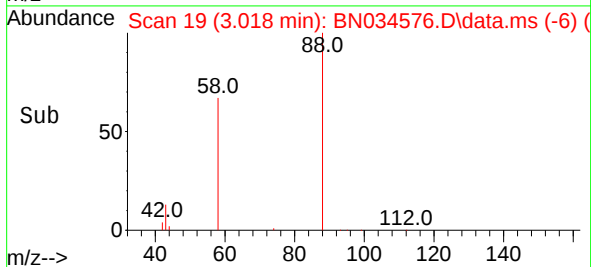
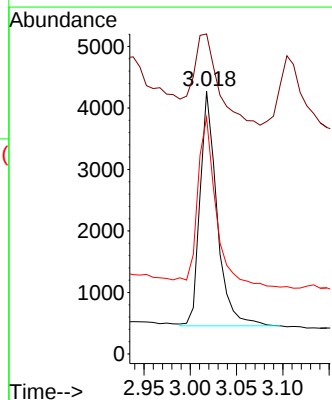
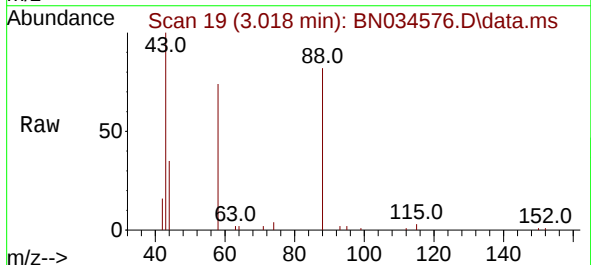
Instrument :
 BNA_N
 ClientSampleId :
 DSN002RE

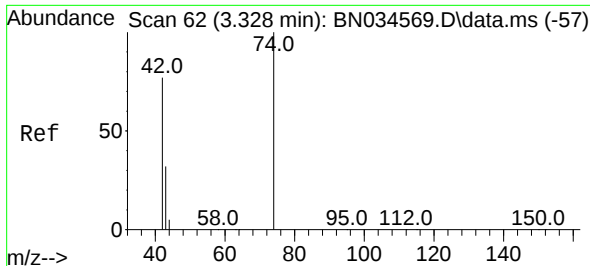
Tgt Ion:152 Resp: 7357
 Ion Ratio Lower Upper
 152 100
 150 152.0 122.0 183.0
 115 59.4 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.551 ng
 RT: 3.018 min Scan# 19
 Delta R.T. -0.007 min
 Lab File: BN034576.D
 Acq: 14 Oct 2024 18:02

Tgt Ion: 88 Resp: 4888
 Ion Ratio Lower Upper
 88 100
 43 57.4 22.8 34.2#
 58 79.5 56.4 84.6





#3

n-Nitrosodimethylamine

Concen: 0.095 ng

RT: 3.292 min Scan# 51

Delta R.T. -0.036 min

Lab File: BN034576.D

Acq: 14 Oct 2024 18:02

Instrument :

BNA_N

ClientSampleId :

DSN002RE

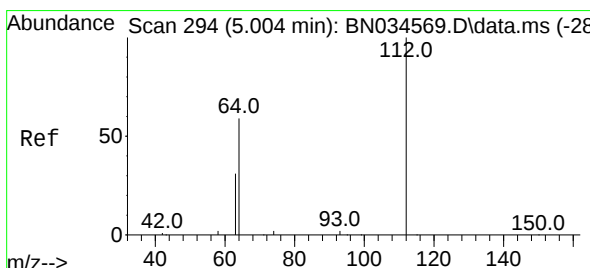
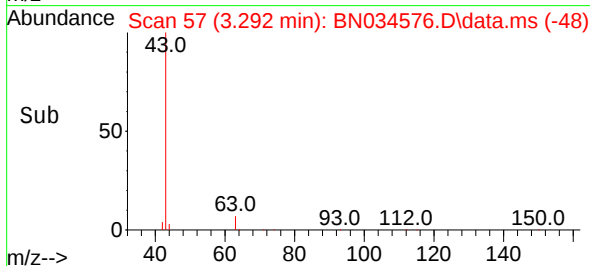
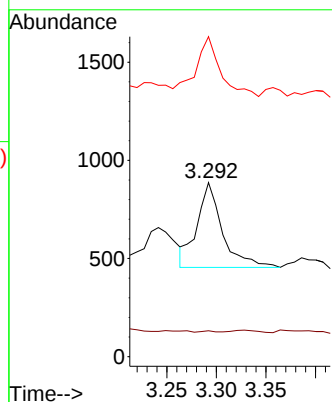
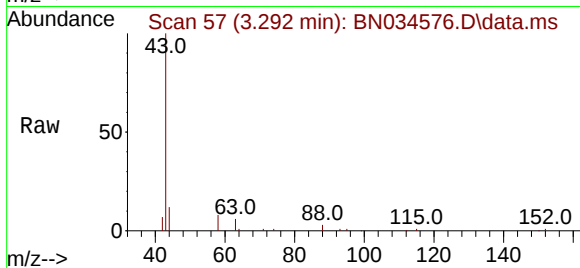
Tgt Ion: 42 Resp: 765

Ion Ratio Lower Upper

42 100

74 0.0 99.0 148.6#

44 69.7 6.6 9.8#



#4

2-Fluorophenol

Concen: 0.240 ng

RT: 5.011 min Scan# 295

Delta R.T. 0.007 min

Lab File: BN034576.D

Acq: 14 Oct 2024 18:02

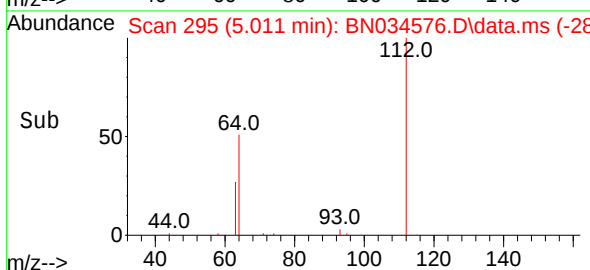
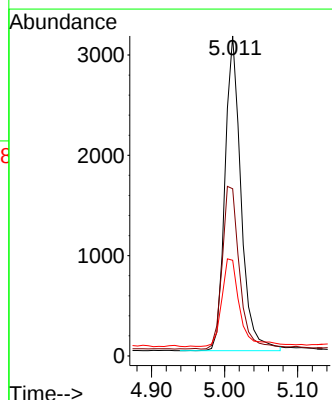
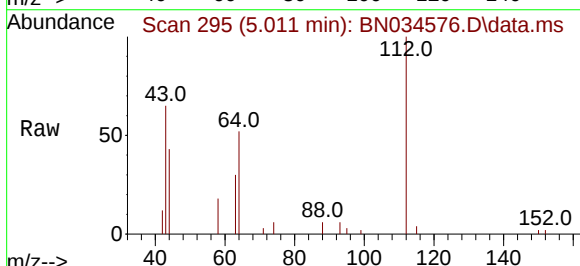
Tgt Ion: 112 Resp: 4792

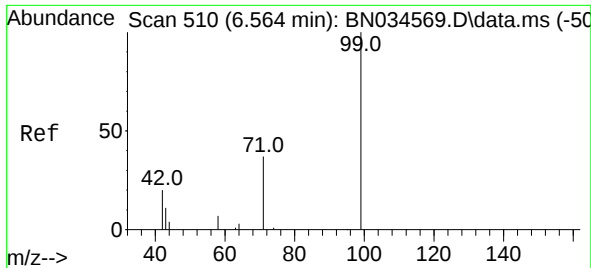
Ion Ratio Lower Upper

112 100

64 55.7 44.6 66.8

63 31.4 23.8 35.6

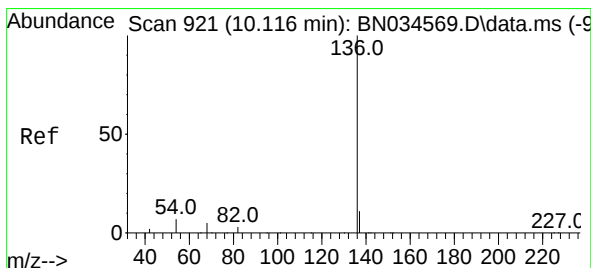
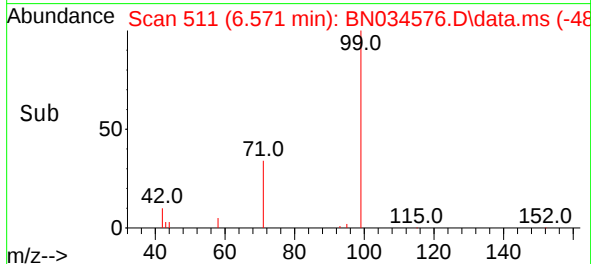
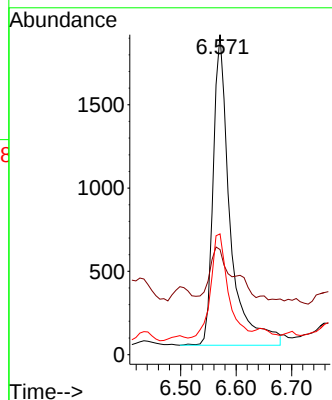
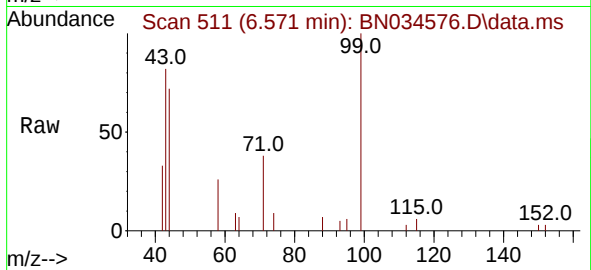




#5
Phenol-d6
Concen: 0.192 ng
RT: 6.571 min Scan# 511
Delta R.T. 0.007 min
Lab File: BN034576.D
Acq: 14 Oct 2024 18:02

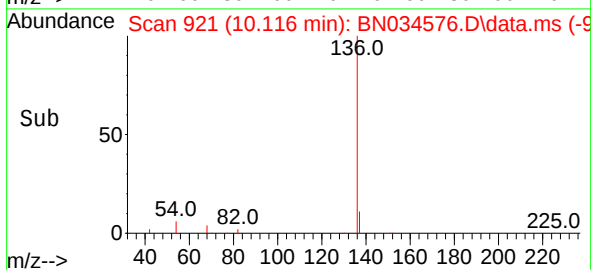
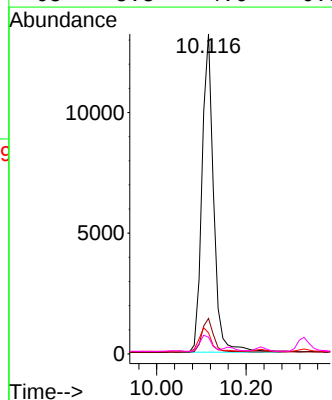
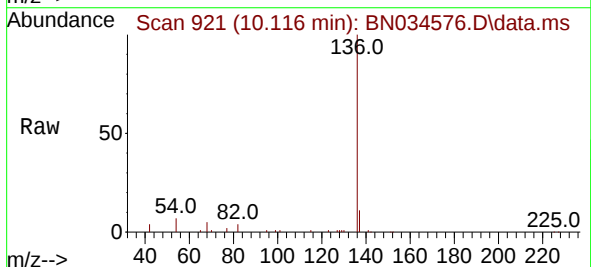
Instrument :
BNA_N
ClientSampleId :
DSN002RE

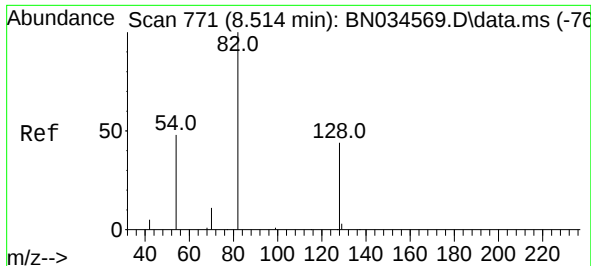
Tgt Ion: 99 Resp: 3961
Ion Ratio Lower Upper
99 100
42 25.1 15.0 22.6#
71 35.2 28.0 42.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.116 min Scan# 921
Delta R.T. -0.000 min
Lab File: BN034576.D
Acq: 14 Oct 2024 18:02

Tgt Ion:136 Resp: 23812
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 6.6 6.2 9.4
68 5.3 4.6 6.8

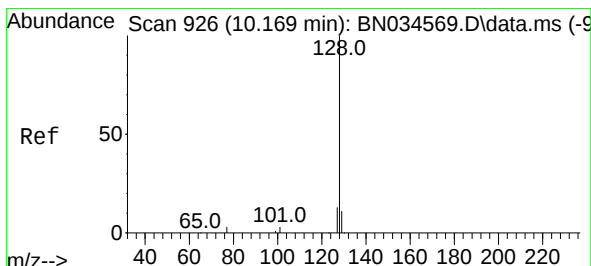
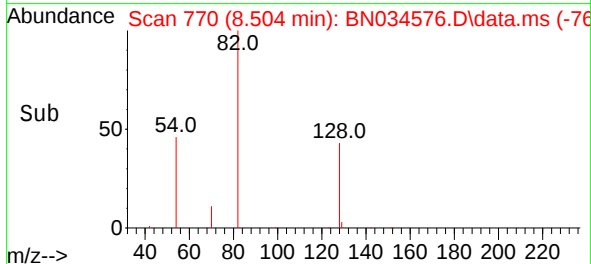
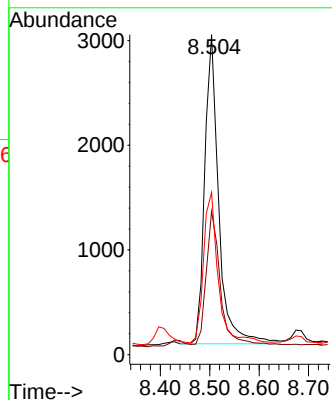
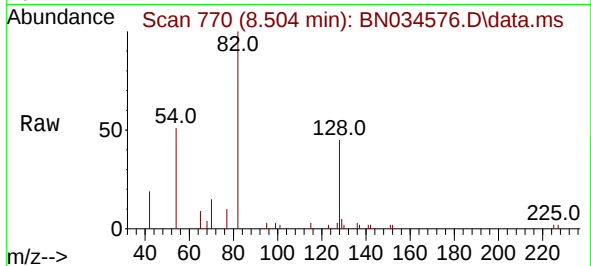




#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.504 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN034576.D
Acq: 14 Oct 2024 18:02

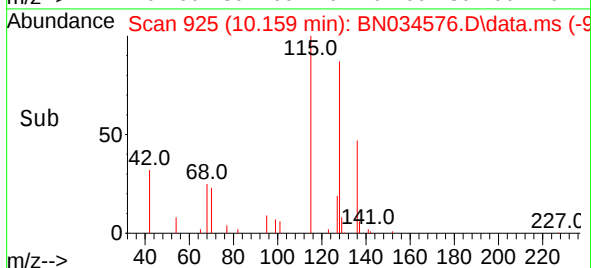
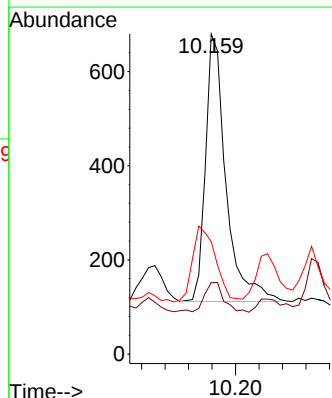
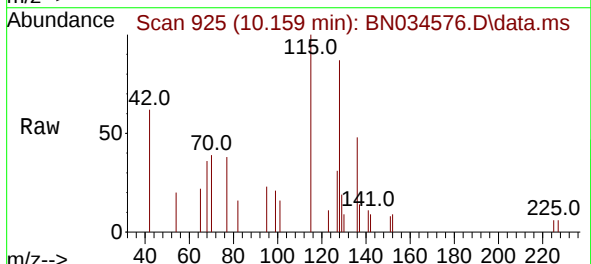
Instrument :
BNA_N
ClientSampleId :
DSN002RE

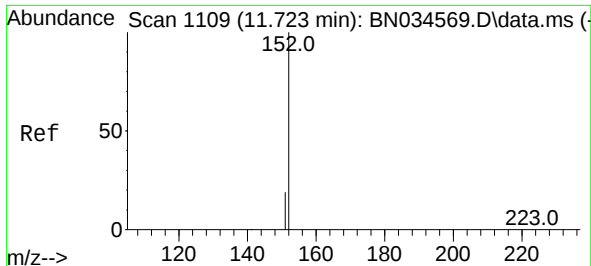
Tgt Ion: 82 Resp: 5808
Ion Ratio Lower Upper
82 100
128 44.8 38.0 57.0
54 50.7 40.6 60.8



#9
Naphthalene
Concen: 0.022 ng
RT: 10.159 min Scan# 925
Delta R.T. -0.011 min
Lab File: BN034576.D
Acq: 14 Oct 2024 18:02

Tgt Ion: 128 Resp: 1376
Ion Ratio Lower Upper
128 100
129 22.4 9.3 13.9#
127 35.1 10.8 16.2#

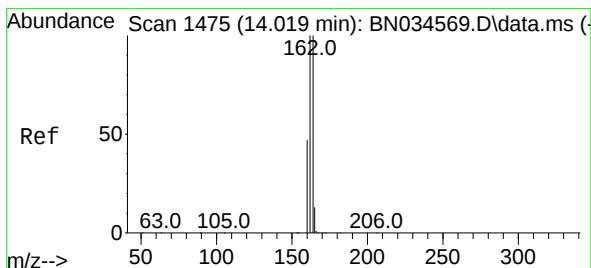
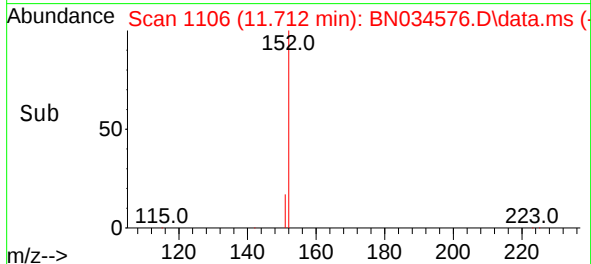
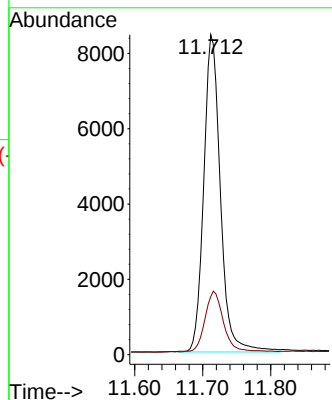
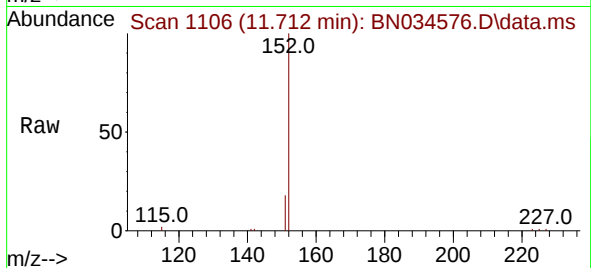




#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 11.712 min Scan# 1106
Delta R.T. -0.011 min
Lab File: BN034576.D
Acq: 14 Oct 2024 18:02

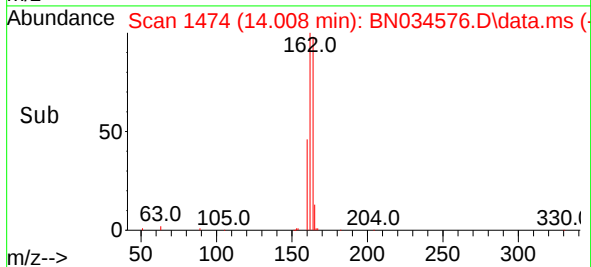
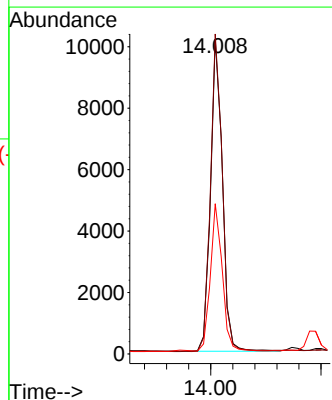
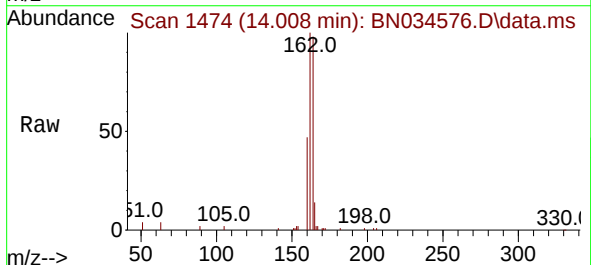
Instrument :
BNA_N
ClientSampleId :
DSN002RE

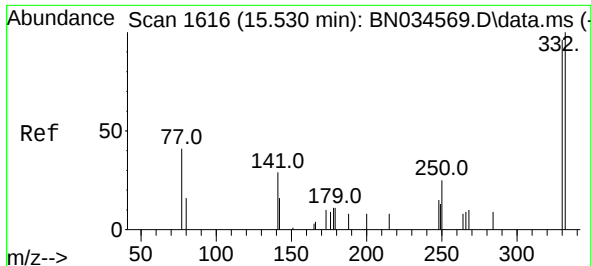
Tgt Ion:152 Resp: 14386
Ion Ratio Lower Upper
152 100
151 21.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.008 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN034576.D
Acq: 14 Oct 2024 18:02

Tgt Ion:164 Resp: 15275
Ion Ratio Lower Upper
164 100
162 101.7 79.7 119.5
160 47.7 37.9 56.9





#14

2,4,6-Tribromophenol

Concen: 0.452 ng

RT: 15.517 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN034576.D

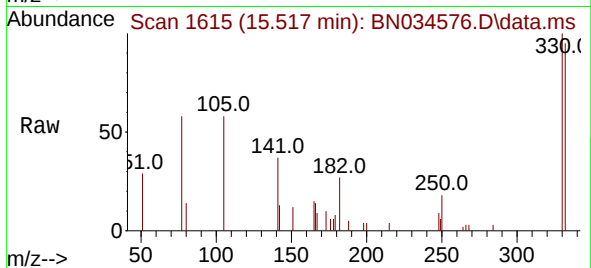
Acq: 14 Oct 2024 18:02

Instrument :

BNA_N

ClientSampleId :

DSN002RE



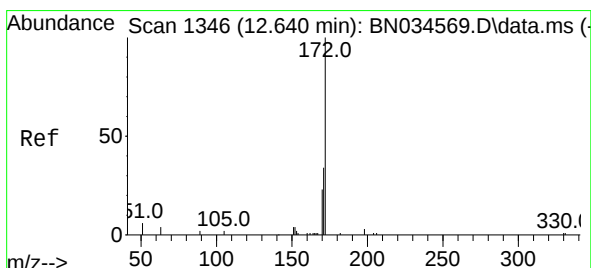
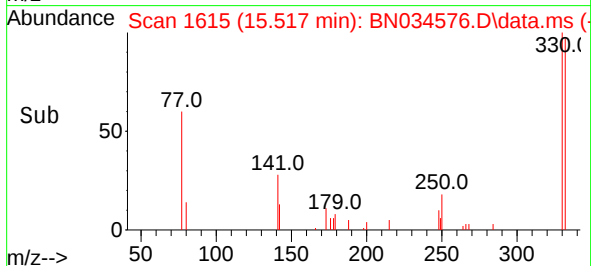
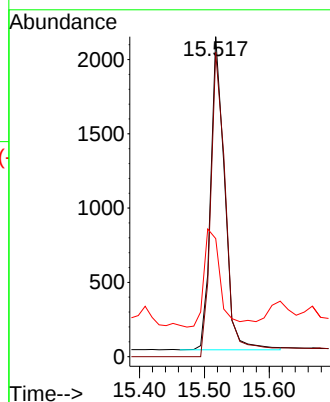
Tgt Ion:330 Resp: 3058

Ion Ratio Lower Upper

330 100

332 107.3 104.3 156.5

141 36.2 29.4 44.0



#15

2-Fluorobiphenyl

Concen: 0.362 ng

RT: 12.618 min Scan# 1344

Delta R.T. -0.021 min

Lab File: BN034576.D

Acq: 14 Oct 2024 18:02

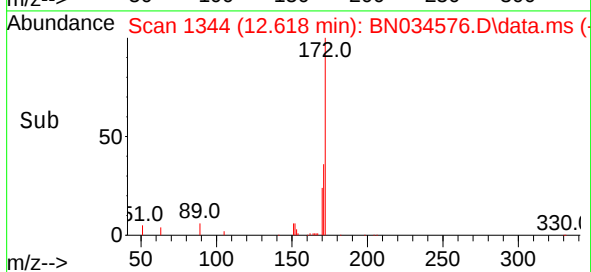
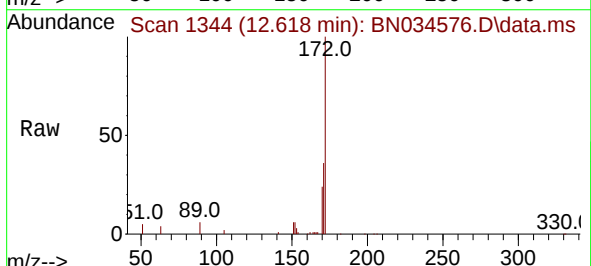
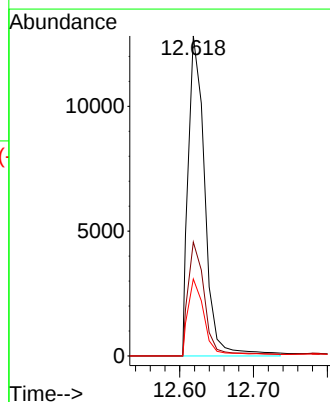
Tgt Ion:172 Resp: 19060

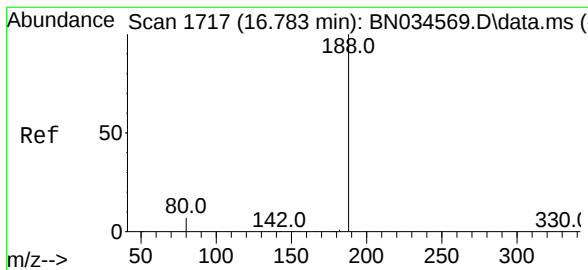
Ion Ratio Lower Upper

172 100

171 35.6 27.1 40.7

170 24.1 18.5 27.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.771 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN034576.D

Acq: 14 Oct 2024 18:02

Instrument :

BNA_N

ClientSampleId :

DSN002RE

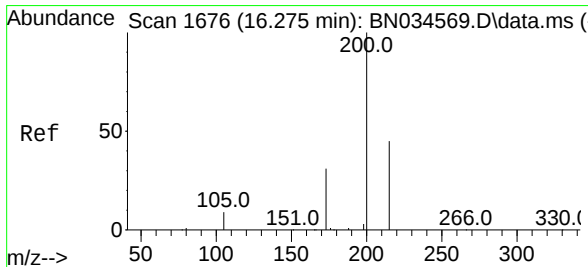
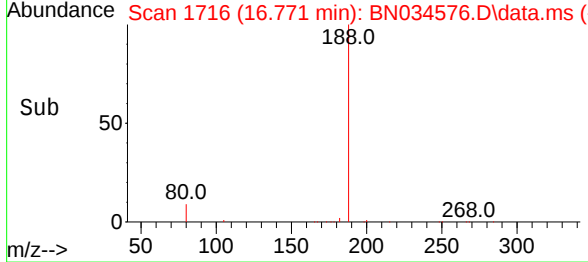
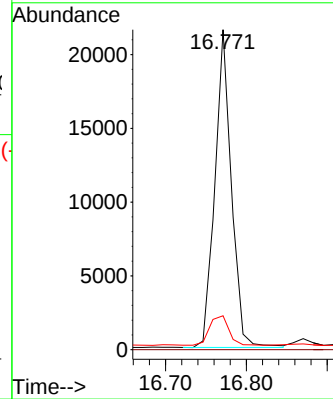
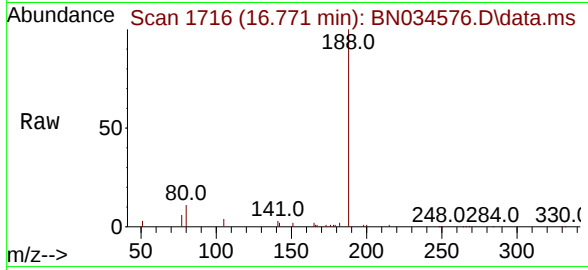
Tgt Ion:188 Resp: 30544

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 6.3 9.5#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.400 ng

RT: 16.287 min Scan# 1677

Delta R.T. 0.012 min

Lab File: BN034576.D

Acq: 14 Oct 2024 18:02

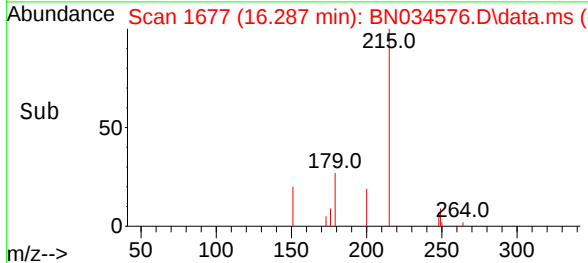
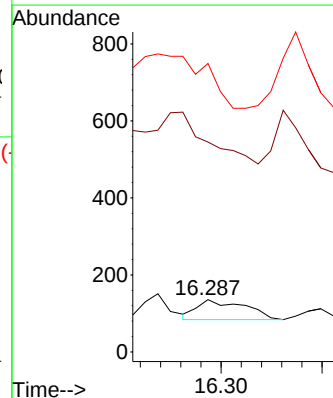
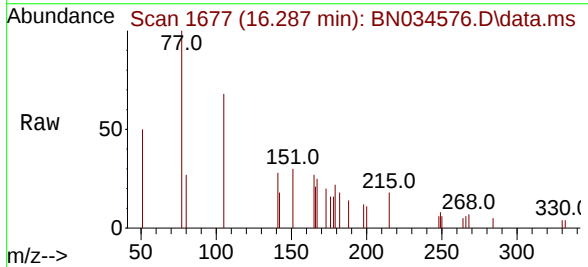
Tgt Ion:198 Resp: 168

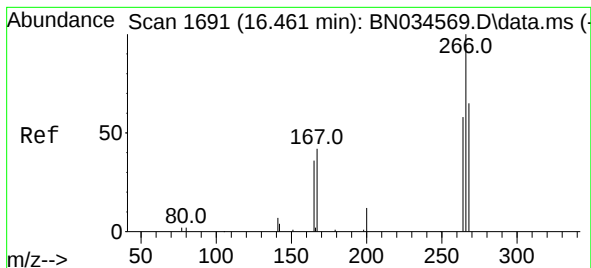
Ion Ratio Lower Upper

198 100

51 400.7 174.8 262.2#

105 550.7 167.9 251.9#





#24

Pentachlorophenol

Concen: 0.038 ng

RT: 16.436 min Scan# 1

Delta R.T. -0.025 min

Lab File: BN034576.D

Acq: 14 Oct 2024 18:02

Instrument :

BNA_N

ClientSampleId :

DSN002RE

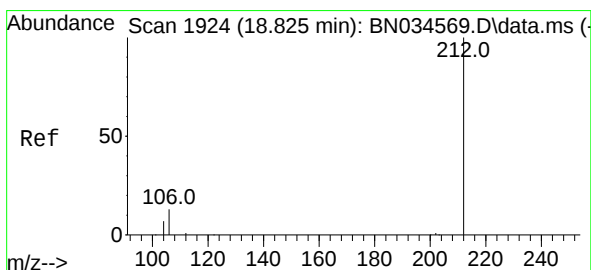
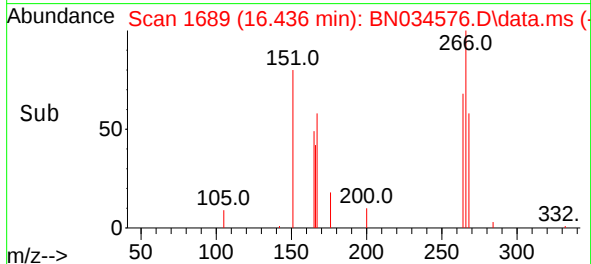
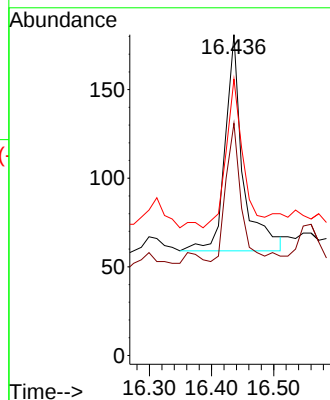
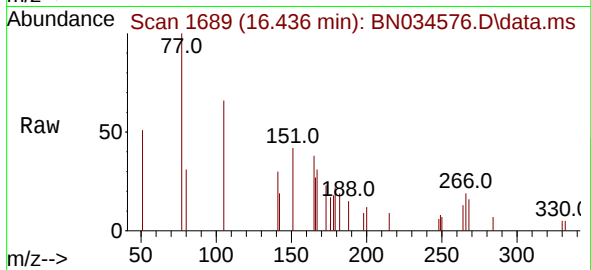
Tgt Ion:266 Resp: 242

Ion Ratio Lower Upper

266 100

264 56.2 46.6 69.8

268 65.7 52.0 78.0



#27

Fluoranthene-d10

Concen: 0.438 ng

RT: 18.820 min Scan# 1923

Delta R.T. -0.005 min

Lab File: BN034576.D

Acq: 14 Oct 2024 18:02

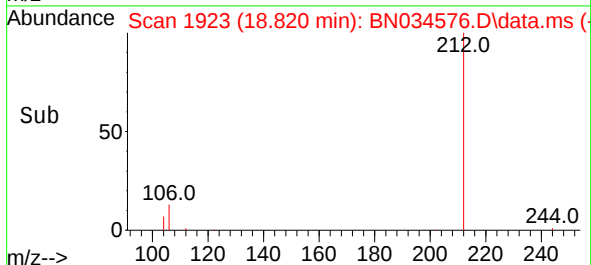
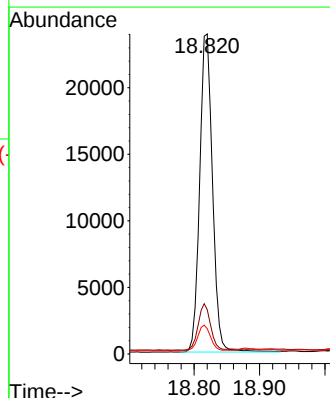
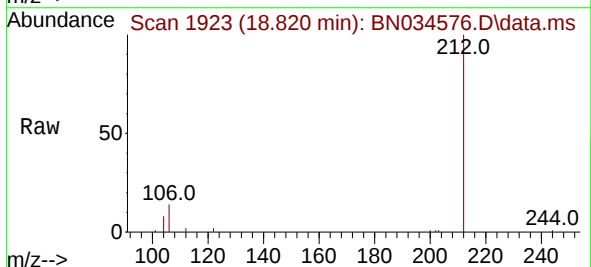
Tgt Ion:212 Resp: 32549

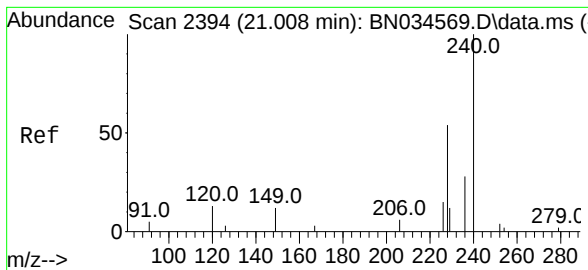
Ion Ratio Lower Upper

212 100

106 14.0 11.1 16.7

104 7.8 6.5 9.7

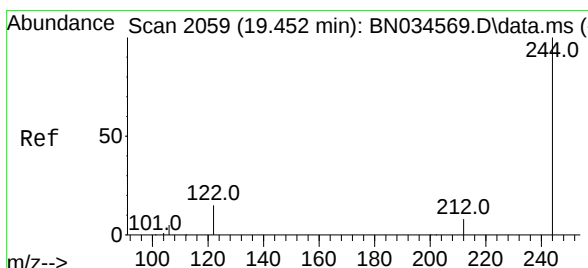
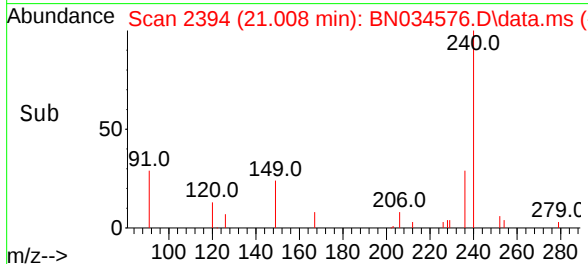
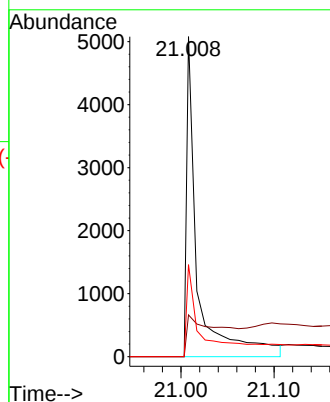
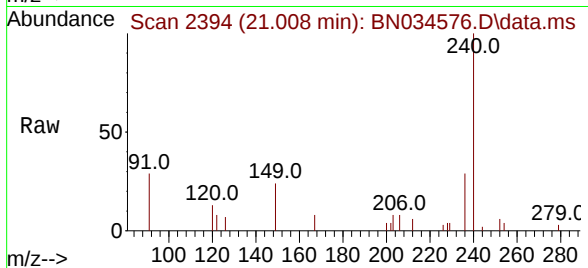




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN034576.D
Acq: 14 Oct 2024 18:02

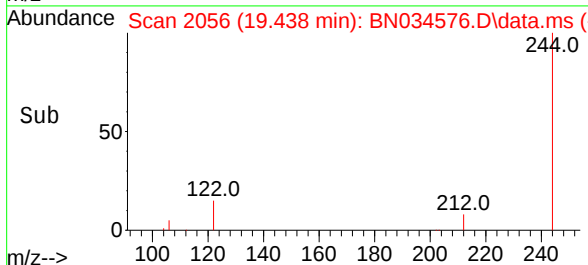
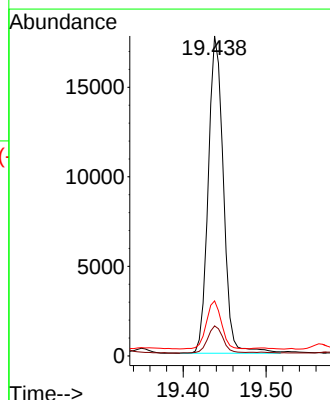
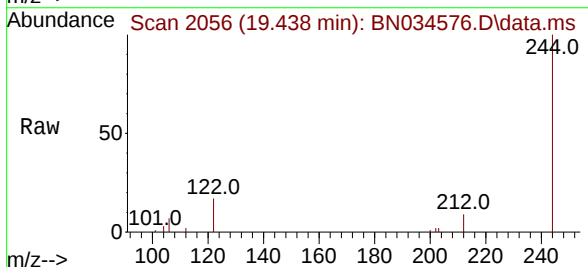
Instrument :
BNA_N
ClientSampleId :
DSN002RE

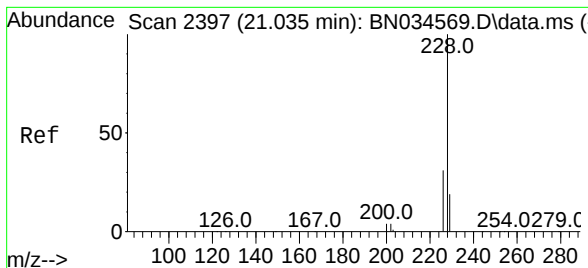
Tgt Ion:240 Resp: 4425
Ion Ratio Lower Upper
240 100
120 13.1 10.1 15.1
236 28.7 22.6 34.0



#31
Terphenyl-d14
Concen: 0.890 ng
RT: 19.438 min Scan# 2056
Delta R.T. -0.014 min
Lab File: BN034576.D
Acq: 14 Oct 2024 18:02

Tgt Ion:244 Resp: 22598
Ion Ratio Lower Upper
244 100
212 9.4 7.7 11.5
122 17.2 12.6 19.0





#33

Chrysene

Concen: 0.029 ng

RT: 21.026 min Scan# 24

Delta R.T. -0.009 min

Lab File: BN034576.D

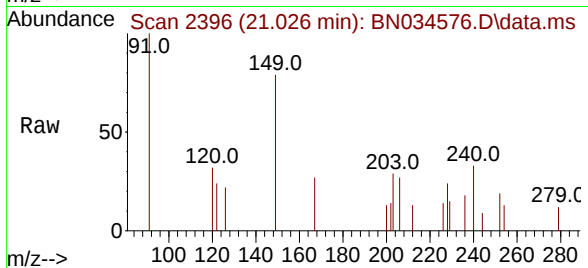
Acq: 14 Oct 2024 18:02

Instrument :

BNA_N

ClientSampleId :

DSN002RE



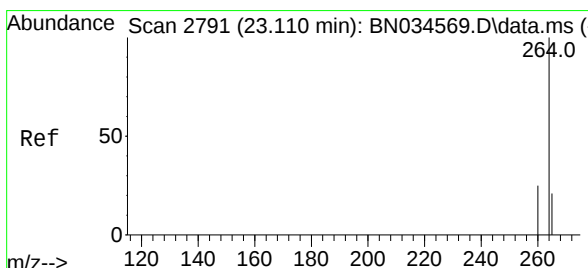
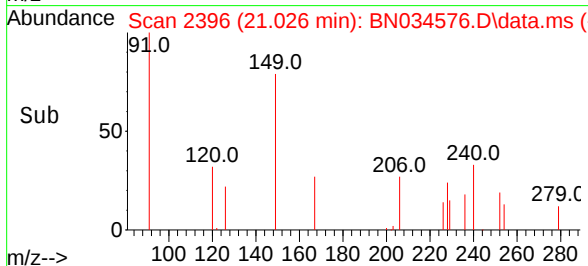
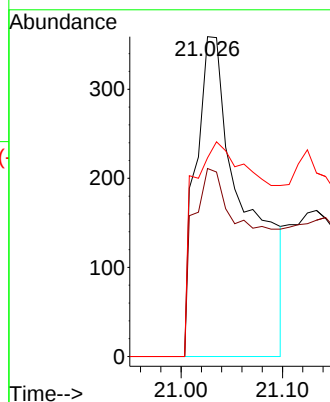
Tgt Ion:228 Resp: 1152

Ion Ratio Lower Upper

228 100

226 58.8 24.4 36.6#

229 62.1 15.8 23.6#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.098 min Scan# 2787

Delta R.T. -0.012 min

Lab File: BN034576.D

Acq: 14 Oct 2024 18:02

Tgt Ion:264 Resp: 17801

Ion Ratio Lower Upper

264 100

260 26.4 20.9 31.3

265 52.0 61.6 92.4#

