

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
 Data File : BN028283.D
 Acq On : 13 Oct 2023 18:18
 Operator : MA/JU
 Sample : 04860-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-4I

Quant Time: Oct 13 18:50:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 02:17:11 2023
 Response via : Initial Calibration

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

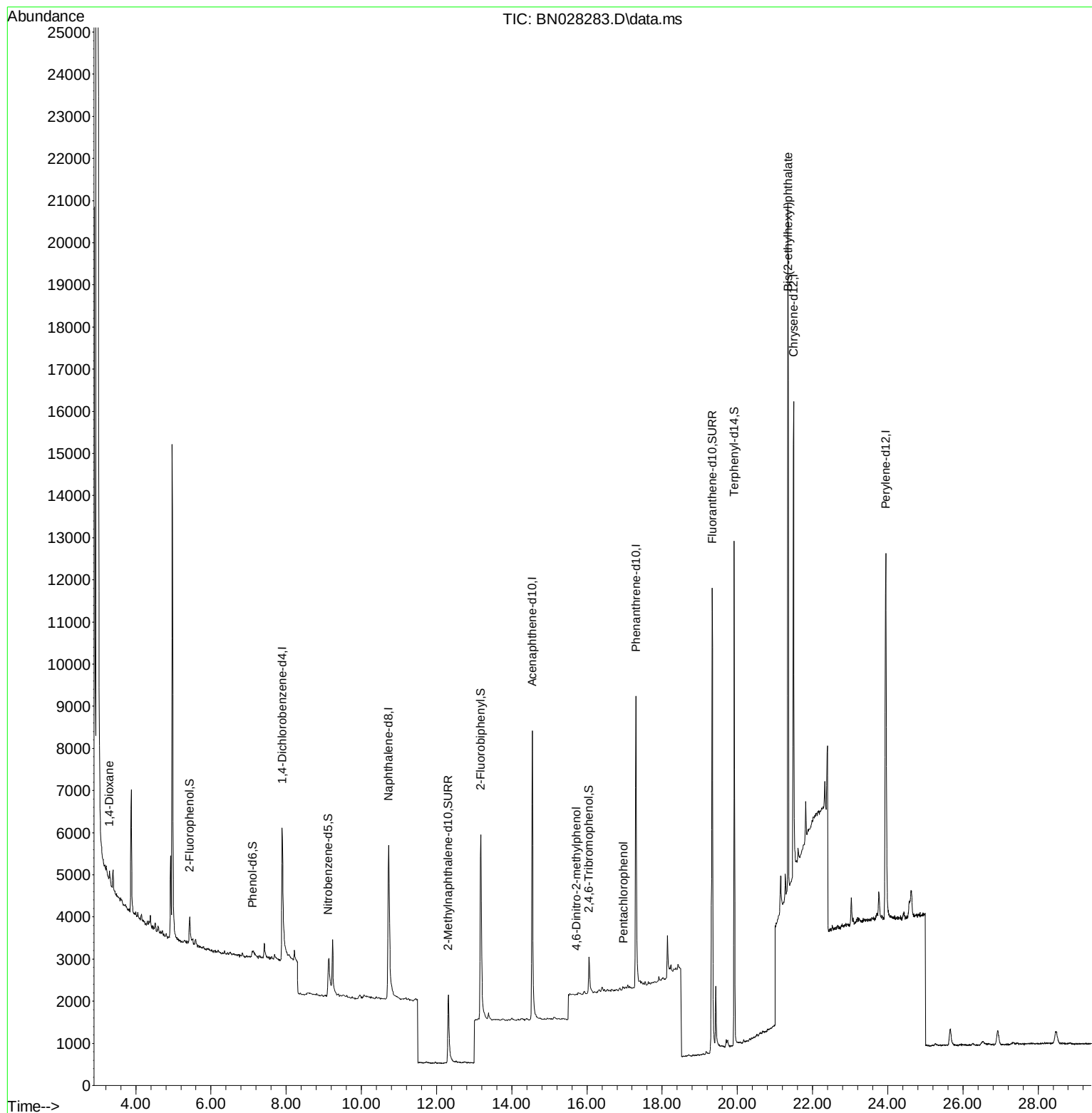
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	2522	0.400	ng	0.00
7) Naphthalene-d8	10.725	136	8248	0.400	ng	# 0.01
13) Acenaphthene-d10	14.544	164	5207	0.400	ng	0.00
19) Phenanthrene-d10	17.306	188	11852	0.400	ng	0.00
29) Chrysene-d12	21.497	240	11989	0.400	ng	# 0.00
35) Perylene-d12	23.946	264	13571	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	806	0.103	ng	0.00
5) Phenol-d6	7.105	99	429	0.044	ng	0.05
8) Nitrobenzene-d5	9.123	82	1865	0.255	ng	0.02
11) 2-Methylnaphthalene-d10	12.313	152	3658	0.295	ng	0.02
14) 2,4,6-Tribromophenol	16.053	330	683	0.269	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	5846	0.319	ng	0.01
27) Fluoranthene-d10	19.332	212	12749	0.402	ng	0.00
31) Terphenyl-d14	19.918	244	11984	0.471	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	186	0.061	ng	# 59
20) 4,6-Dinitro-2-methylph...	15.717	198	1	0.181	ng	# 1
24) Pentachlorophenol	16.971	266	68	0.024	ng	# 54
34) Bis(2-ethylhexyl)phtha...	21.345	149	14785	0.454	ng	# 98

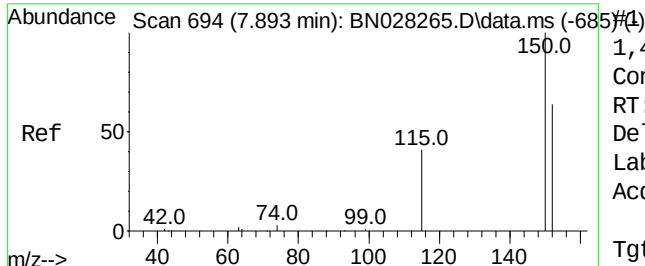
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
Data File : BN028283.D
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Sample : 04860-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
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MW-4I

Quant Time: Oct 13 18:50:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:17:11 2023
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.893 min Scan#

Delta R.T. -0.000 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

Instrument :

BNA_N

ClientSampleId :

MW-4I

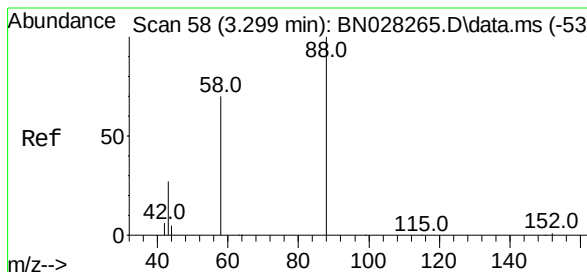
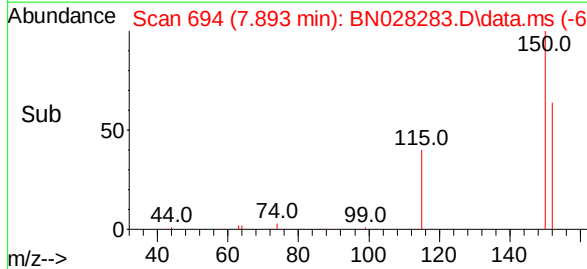
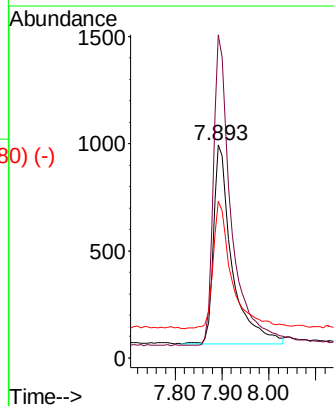
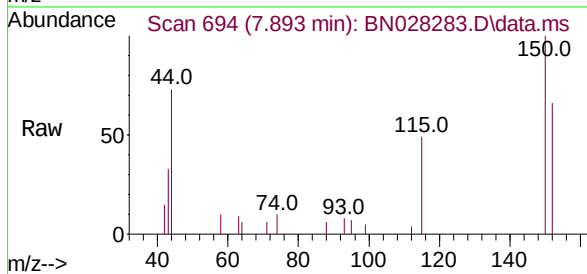
Tgt Ion:152 Resp: 2522

Ion Ratio Lower Upper

152 100

150 151.9 121.6 182.4

115 73.7 54.3 81.5



1,4-Dioxane

Concen: 0.061 ng

RT: 3.299 min Scan# 58

Delta R.T. -0.000 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

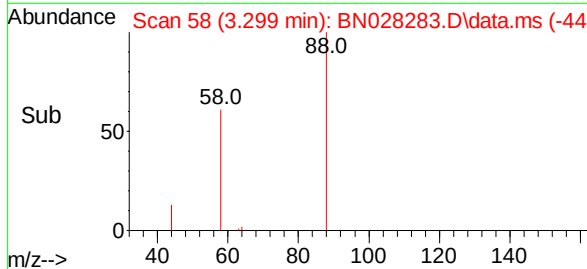
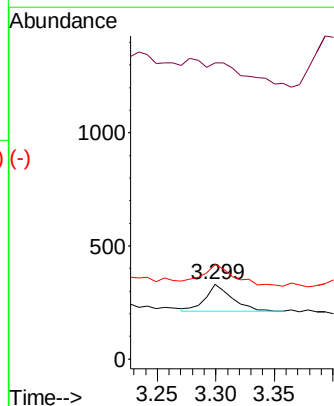
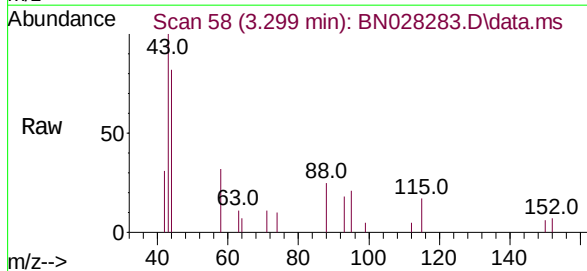
Tgt Ion: 88 Resp: 186

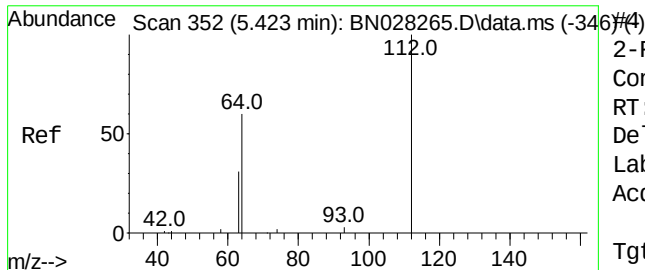
Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8#

58 96.2 55.4 83.0#





2-Fluorophenol

Concen: 0.103 ng

RT: 5.430 min Scan#

Delta R.T. 0.007 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

Instrument :

BNA_N

ClientSampleId :

MW-4I

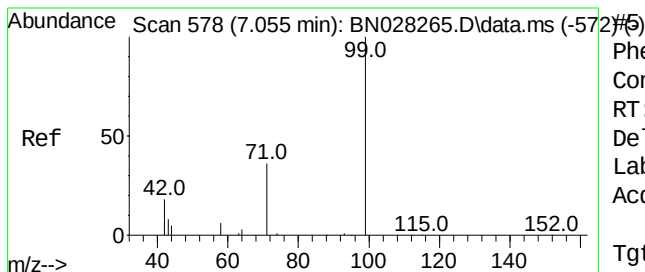
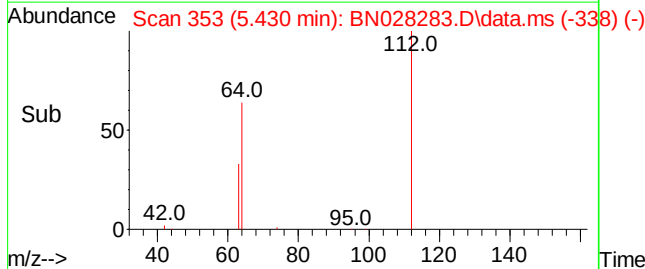
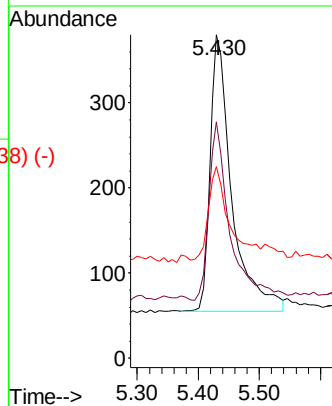
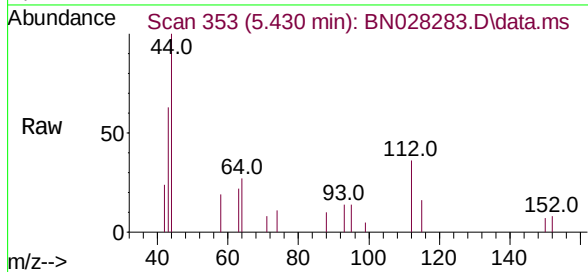
Tgt Ion:112 Resp: 806

Ion Ratio Lower Upper

112 100

64 63.3 46.9 70.3

63 32.9 25.0 37.4



Phenol-d6

Concen: 0.044 ng

RT: 7.105 min Scan# 585

Delta R.T. 0.050 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

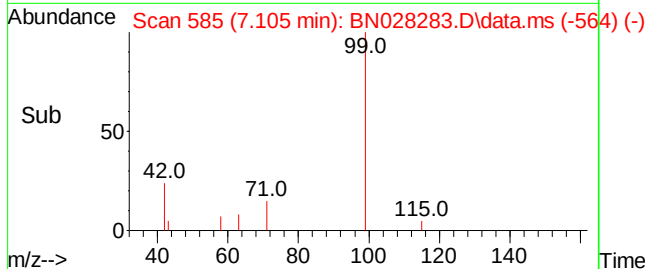
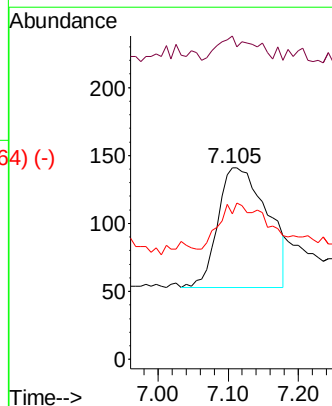
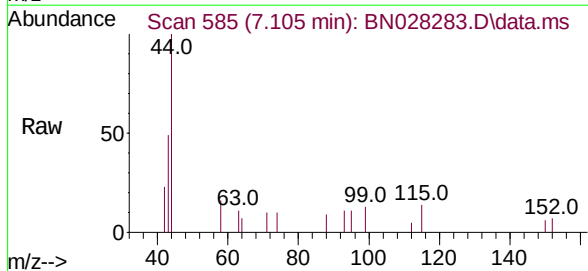
Tgt Ion: 99 Resp: 429

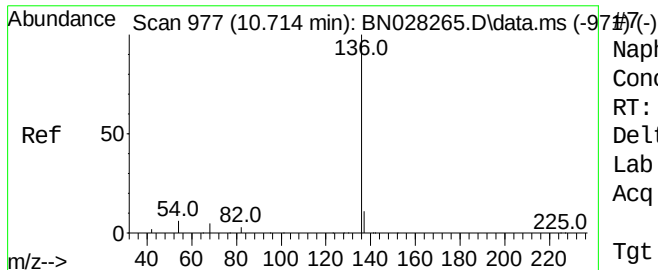
Ion Ratio Lower Upper

99 100

42 14.7 15.9 23.9#

71 35.2 28.6 42.8





Naphthalene-d8

Concen: 0.400 ng

RT: 10.725 min Scan#

Delta R.T. 0.011 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

Instrument :

BNA_N

ClientSampleId :

MW-4I

Tgt Ion:136 Resp: 8248

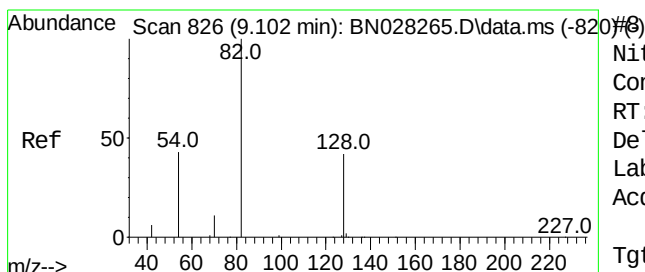
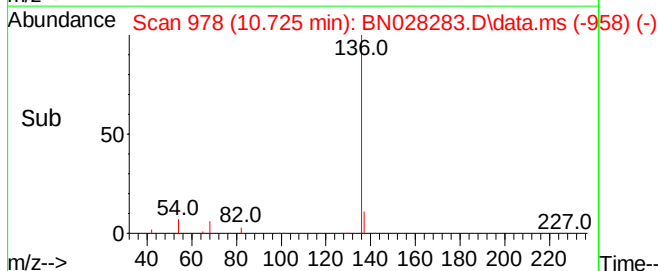
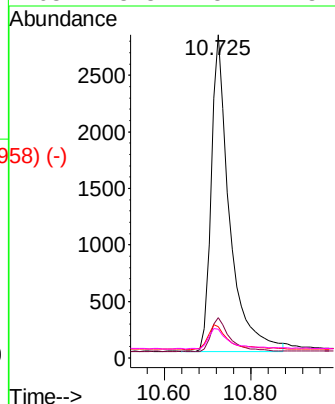
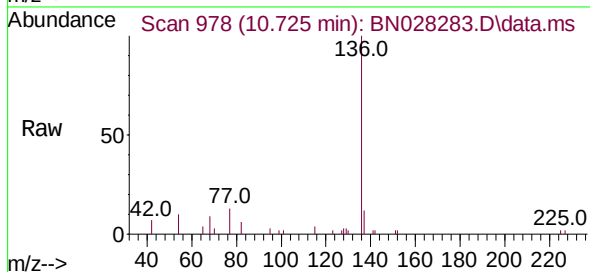
Ion Ratio Lower Upper

136 100

137 12.4 9.8 14.8

54 9.7 6.2 9.4#

68 8.8 5.7 8.5#



Nitrobenzene-d5

Concen: 0.255 ng

RT: 9.123 min Scan# 828

Delta R.T. 0.021 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

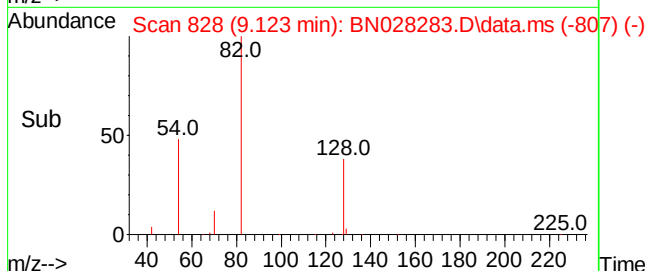
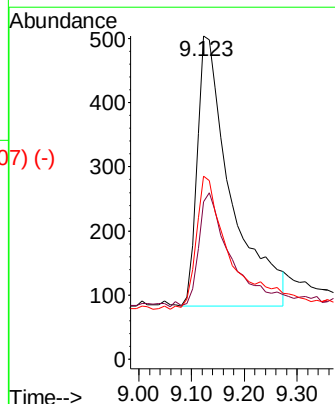
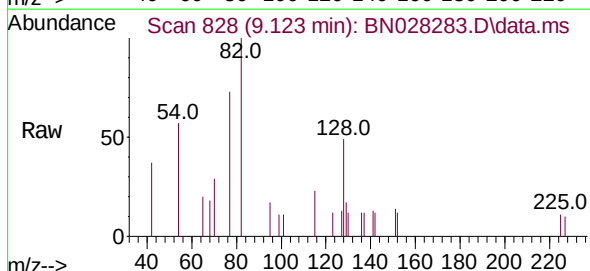
Tgt Ion: 82 Resp: 1865

Ion Ratio Lower Upper

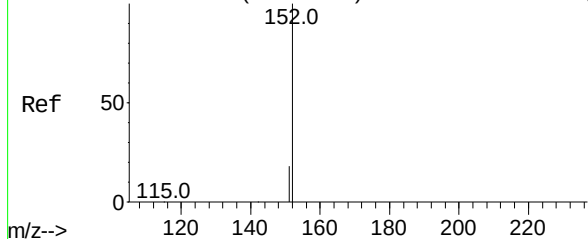
82 100

128 48.8 36.8 55.2

54 56.5 37.4 56.2#



Abundance Scan 1261 (12.298 min): BN028265.D\data.ms (-1248) (-)

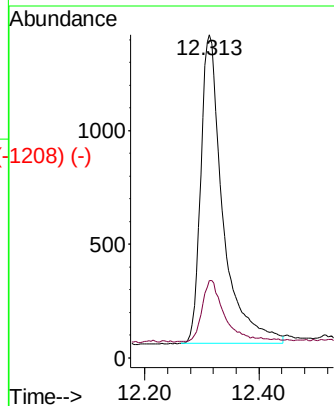
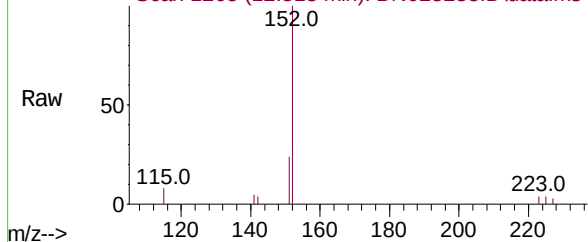


2-Methylnaphthalene-d10
Concen: 0.295 ng
RT: 12.313 min Scan# 1261
Delta R.T. 0.015 min
Lab File: BN028283.D
Acq: 13 Oct 2023 18:18

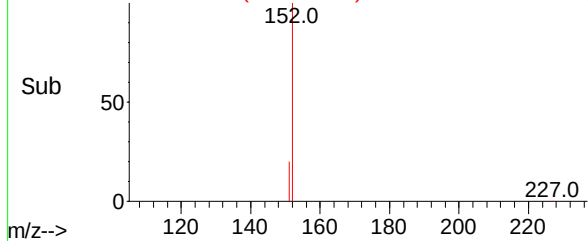
Instrument :
BNA_N
ClientSampleId :
MW-4I

Tgt Ion:152 Resp: 3658
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1

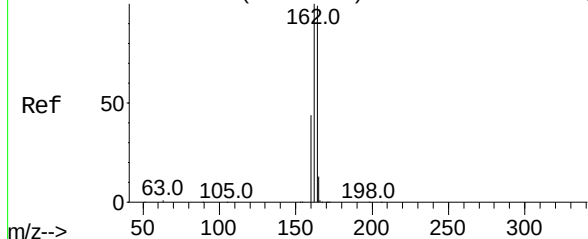
Abundance Scan 1265 (12.313 min): BN028283.D\data.ms



Abundance Scan 1265 (12.313 min): BN028283.D\data.ms (-1208) (-)



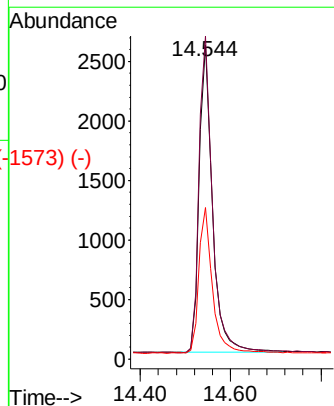
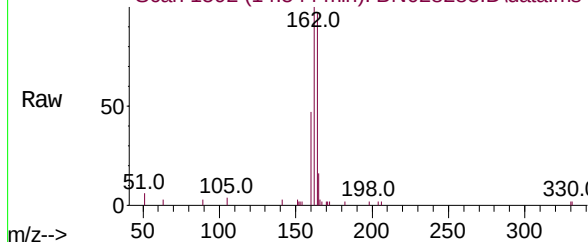
Abundance Scan 1592 (14.544 min): BN028265.D\data.ms (-1514) (-)



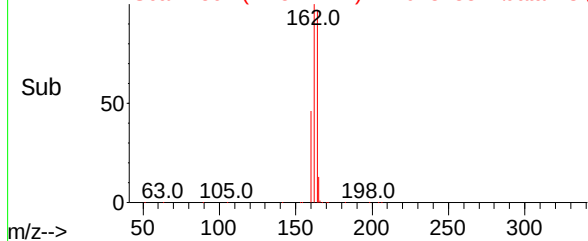
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BN028283.D
Acq: 13 Oct 2023 18:18

Tgt Ion:164 Resp: 5207
Ion Ratio Lower Upper
164 100
162 102.9 81.1 121.7
160 48.3 36.6 54.8

Abundance Scan 1592 (14.544 min): BN028283.D\data.ms



Abundance Scan 1592 (14.544 min): BN028283.D\data.ms (-1573) (-)



Abundance Scan 1726 (16.053 min): BN028265.D\data.ms (-1718) (-)

2,4,6-Tribromophenol

Concen: 0.269 ng

RT: 16.053 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BN028283.D

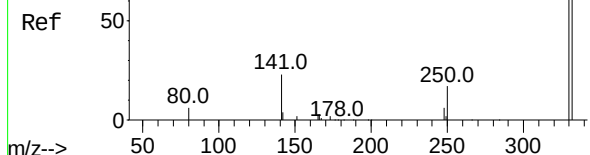
Acq: 13 Oct 2023 18:18

Instrument :

BNA_N

ClientSampleId :

MW-4I



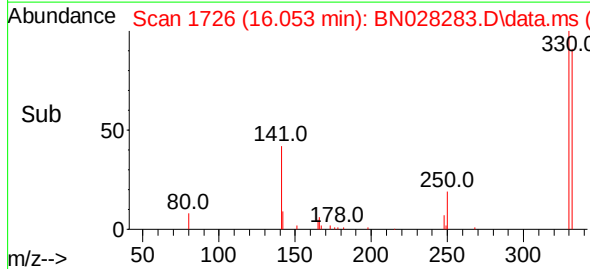
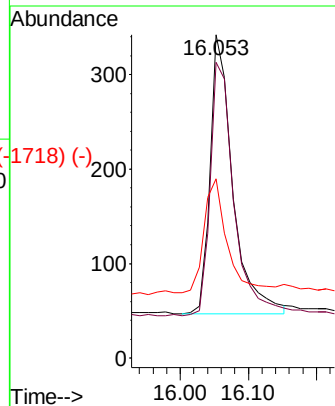
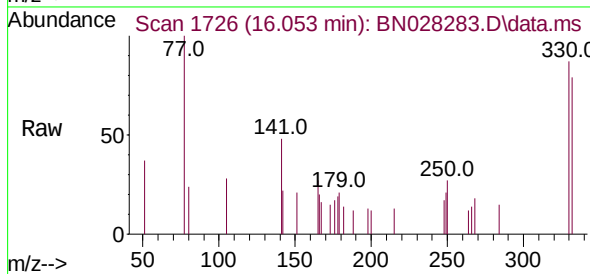
Tgt Ion:330 Resp: 683

Ion Ratio Lower Upper

330 100

332 94.9 74.1 111.1

141 42.3 32.1 48.1



Abundance Scan 1463 (13.165 min): BN028265.D\data.ms (-1454) (-)

2-Fluorobiphenyl

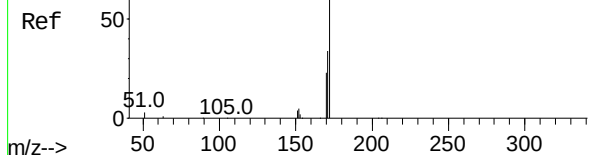
Concen: 0.319 ng

RT: 13.176 min Scan# 1464

Delta R.T. 0.011 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18



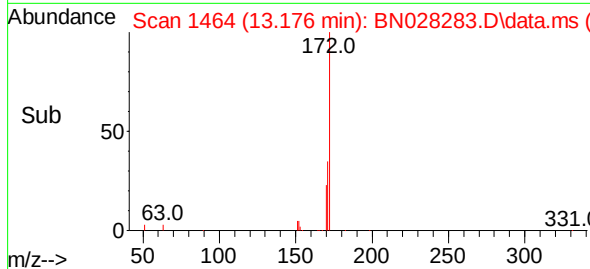
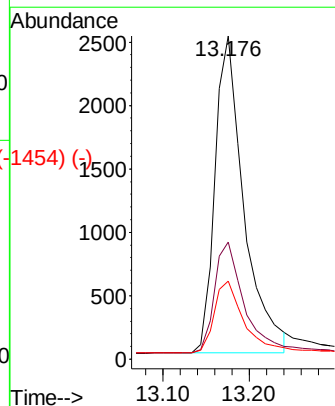
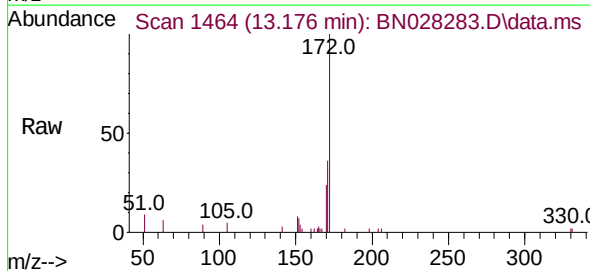
Tgt Ion:172 Resp: 5846

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 24.3 18.7 28.1



Abundance Scan 1827 (17.306 min): BN028265.D\data.ms (-1811) (-)

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.306 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

Instrument :

BNA_N

ClientSampleId :

MW-4I

Tgt Ion:188 Resp: 11852

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 7.1 10.7

Abundance Scan 1827 (17.306 min): BN028283.D\data.ms

Ref

80.0 142.0 188.0 268.0

m/z-->

Raw

80.0 141.0 188.0 249.0 330.0

m/z-->

Abundance Scan 1827 (17.306 min): BN028283.D\data.ms (-1811) (-)

Sub

80.0 142.0 188.0 268.0 330.0

m/z-->

Abundance

6000 17.306

4000

2000

0

Time-->

Abundance Scan 1700 (15.730 min): BN028265.D\data.ms (-1626) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.181 ng

RT: 15.717 min Scan# 1699

Delta R.T. -0.013 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

Tgt Ion:198 Resp: 1

Ion Ratio Lower Upper

198 100

51 302.0 96.1 144.1#

105 208.2 75.4 113.0#

Abundance Scan 1699 (15.717 min): BN028283.D\data.ms

Ref

77.0 105.0 151.0 198.0 250.0

m/z-->

Raw

77.0 165.0 249.0 330.0

m/z-->

Abundance Scan 1699 (15.717 min): BN028283.D\data.ms (-1692) (-)

Sub

77.0 141.0 178.0 268.0

m/z-->

Abundance

150

100

50

0

Time-->

Abundance Scan 1798 (16.946 min): BN028265.D\data.ms (-1724) (-)

Pentachlorophenol

Concen: 0.024 ng

RT: 16.971 min Scan# 1724

Delta R.T. 0.025 min

Lab File: BN028283.D

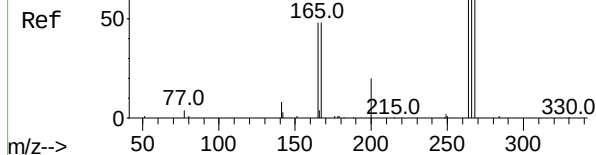
Acq: 13 Oct 2023 18:18

Instrument :

BNA_N

ClientSampleId :

MW-4I



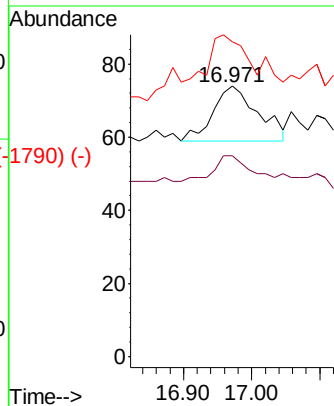
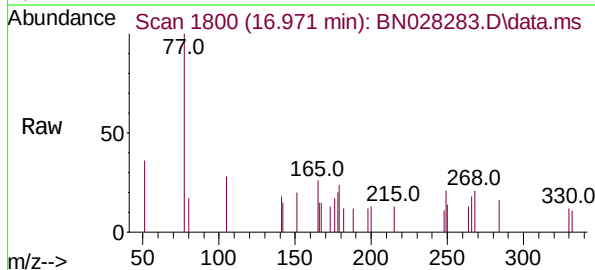
Tgt Ion:266 Resp: 68

Ion Ratio Lower Upper

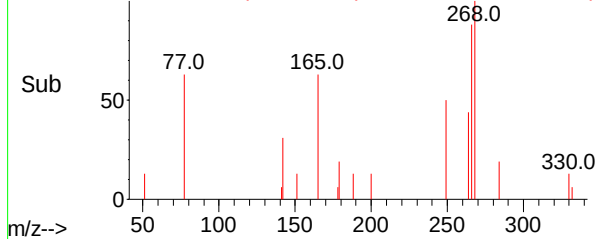
266 100

264 0.0 51.5 77.3#

268 80.9 56.6 84.8



Abundance Scan 1800 (16.971 min): BN028283.D\data.ms (-1790) (-)



Abundance Scan 2102 (19.337 min): BN028265.D\data.ms (-2027) (-)

Fluoranthene-d10

Concen: 0.402 ng

RT: 19.332 min Scan# 2101

Delta R.T. -0.005 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

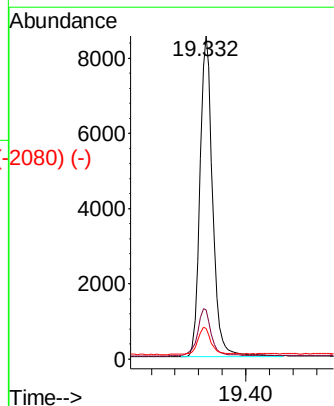
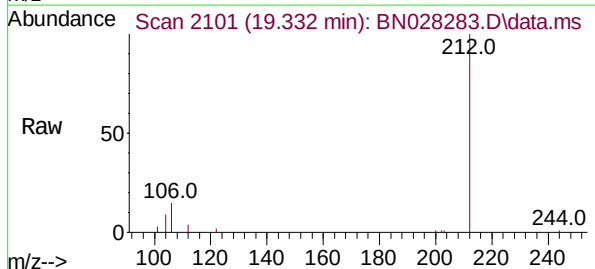
Tgt Ion:212 Resp: 12749

Ion Ratio Lower Upper

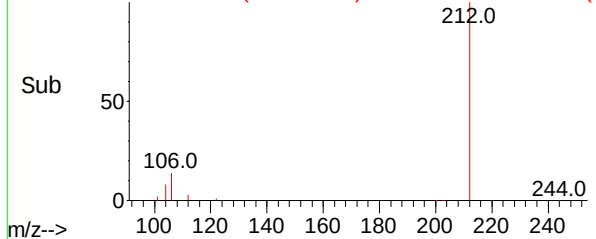
212 100

106 16.3 11.5 17.3

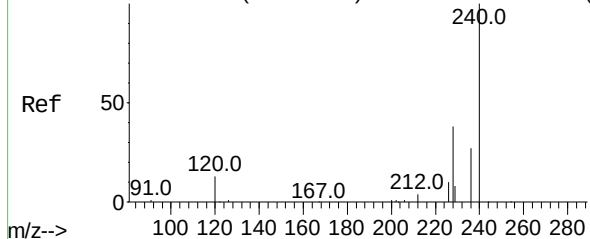
104 8.4 6.7 10.1



Abundance Scan 2101 (19.332 min): BN028283.D\data.ms (-2080) (-)



Abundance Scan 2516 (21.498 min): BN028265.D\data.ms (-2516) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.497 min Scan# 2516

Delta R.T. -0.000 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

Instrument :

BNA_N

ClientSampleId :

MW-4I

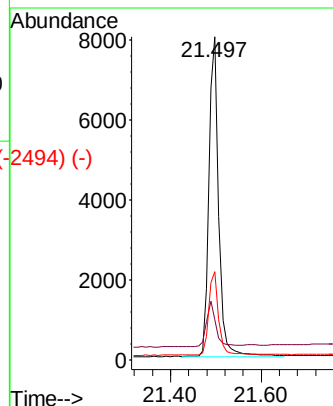
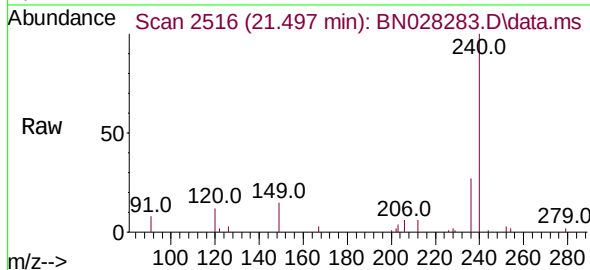
Tgt Ion:240 Resp: 11989

Ion Ratio Lower Upper

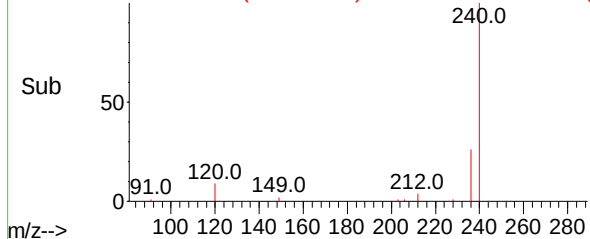
240 100

120 12.5 13.4 20.0#

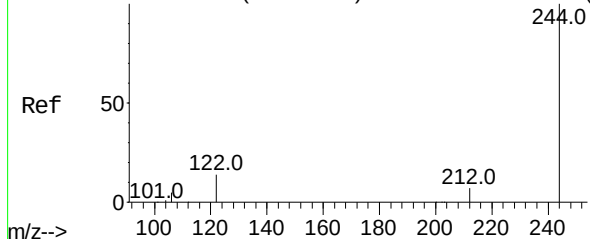
236 27.4 22.7 34.1



Abundance Scan 2516 (21.497 min): BN028283.D\data.ms (-2494) (-)



Abundance Scan 2228 (19.923 min): BN028265.D\data.ms (-2228) (-)



Terphenyl-d14

Concen: 0.471 ng

RT: 19.918 min Scan# 2227

Delta R.T. -0.005 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

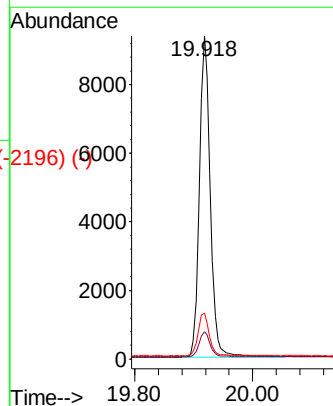
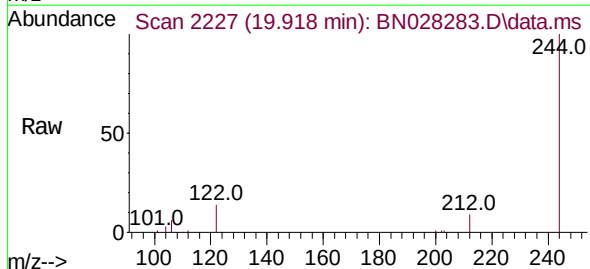
Tgt Ion:244 Resp: 11984

Ion Ratio Lower Upper

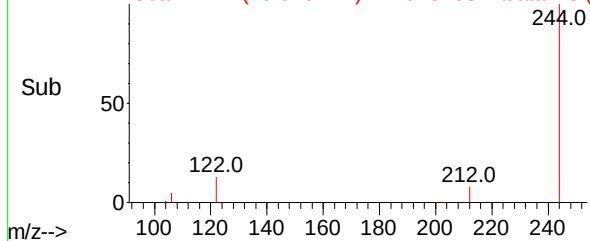
244 100

212 8.5 6.6 10.0

122 14.3 11.7 17.5



Abundance Scan 2227 (19.918 min): BN028283.D\data.ms (-2196) (-)



Abundance Scan 2500 (21.354 min): BN028265.D\data.ms (-2489) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.454 ng

RT: 21.345 min Scan# 1

Delta R.T. -0.009 min

Lab File: BN028283.D

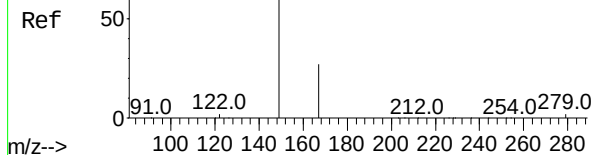
Acq: 13 Oct 2023 18:18

Instrument :

BNA_N

ClientSampleId :

MW-4I



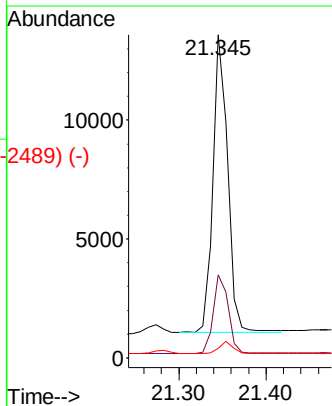
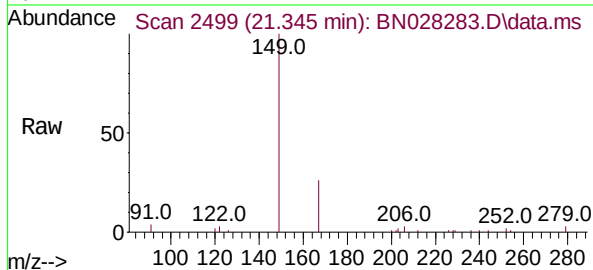
Tgt Ion:149 Resp: 14785

Ion Ratio Lower Upper

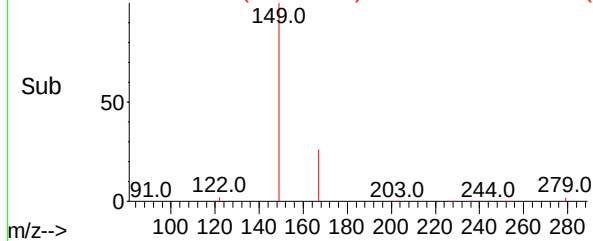
149 100

167 27.1 22.6 34.0

279 3.8 4.2 6.2#



Abundance Scan 2499 (21.345 min): BN028283.D\data.ms (-2489) (-)



Abundance Scan 3148 (23.961 min): BN028265.D\data.ms (-3125) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.946 min Scan# 3143

Delta R.T. -0.015 min

Lab File: BN028283.D

Acq: 13 Oct 2023 18:18

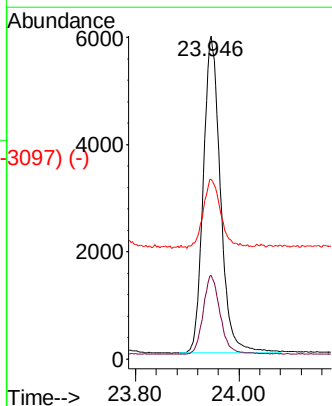
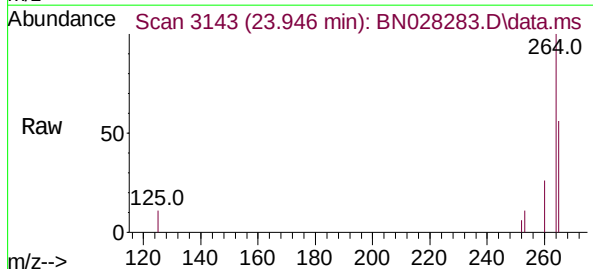
Tgt Ion:264 Resp: 13571

Ion Ratio Lower Upper

264 100

260 26.0 20.7 31.1

265 55.6 38.3 57.5



Abundance Scan 3143 (23.946 min): BN028283.D\data.ms (-3097) (-)

