

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029150.D
 Acq On : 21 Dec 2023 14:59
 Operator : MA/JU
 Sample : PB157679BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157679BL

Quant Time: Dec 21 16:05:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

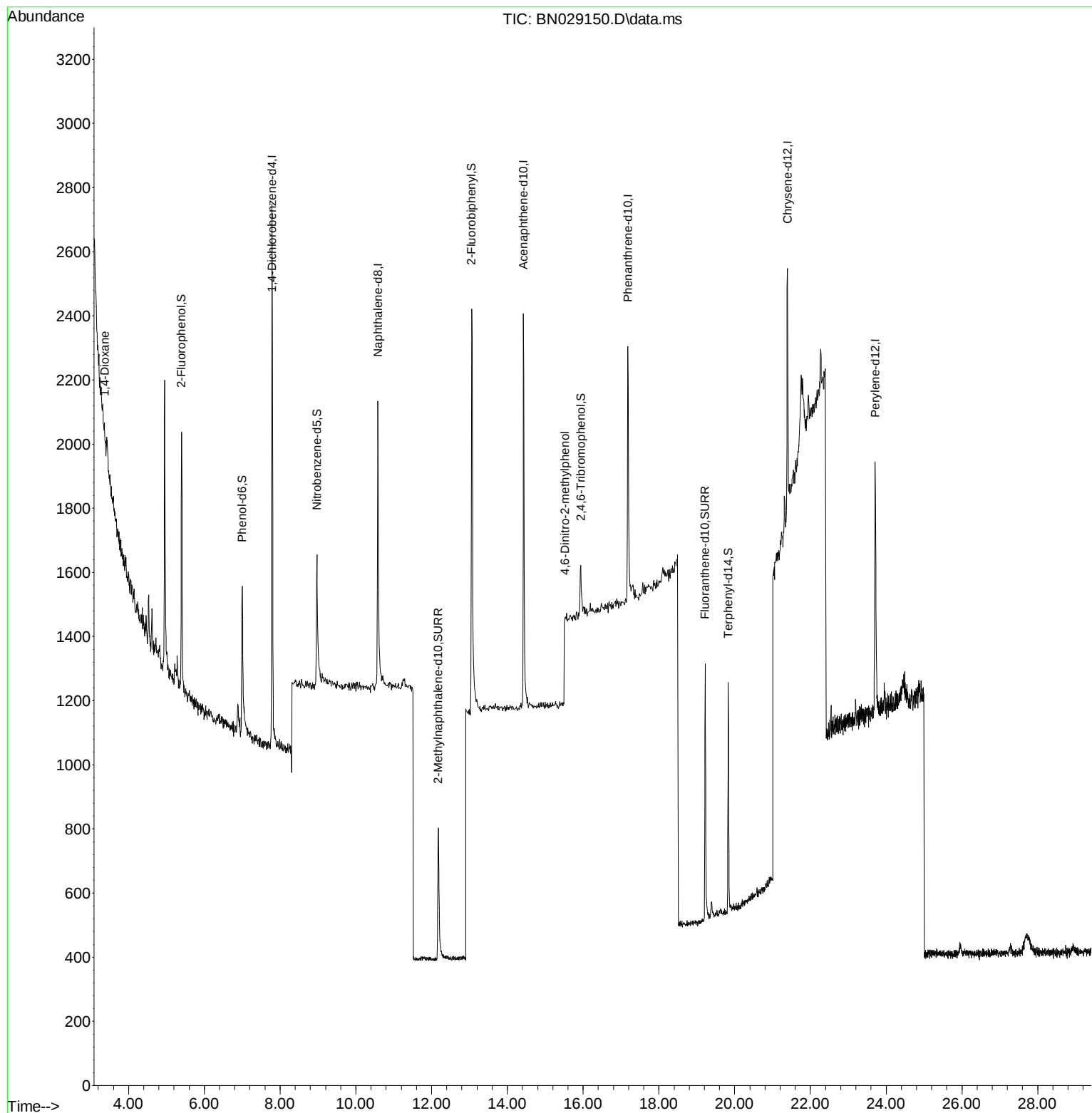
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	922	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	1648	0.400	ng	0.00
13) Acenaphthene-d10	14.426	164	862	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1489	0.400	ng	0.00
29) Chrysene-d12	21.394	240	842	0.400	ng	0.00
35) Perylene-d12	23.710	264	1125	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	598	0.271	ng	0.00
5) Phenol-d6	7.002	99	582	0.240	ng	0.00
8) Nitrobenzene-d5	8.971	82	612	0.285	ng	0.01
11) 2-Methylnaphthalene-d10	12.174	152	826	0.331	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	127	0.169	ng	0.01
15) 2-Fluorobiphenyl	13.057	172	1594	0.317	ng	0.00
27) Fluoranthene-d10	19.225	212	1033	0.287	ng	0.00
31) Terphenyl-d14	19.833	244	694	0.300	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.377	88	36	0.041	ng	# 30
20) 4,6-Dinitro-2-methylph...	15.518	198	6	0.071	ng	# 40
34) Bis(2-ethylhexyl)phtha...	21.313	149	163	Below Cal		# 93

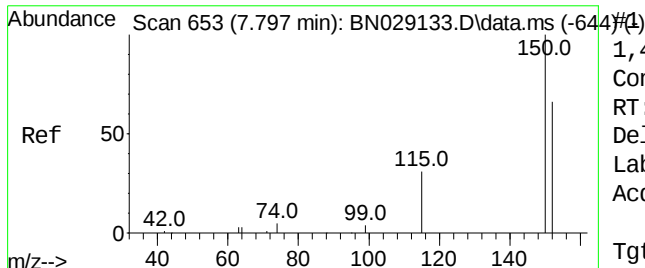
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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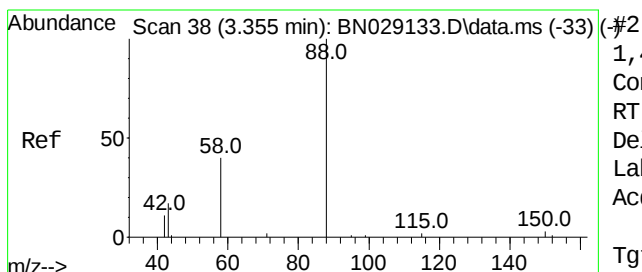
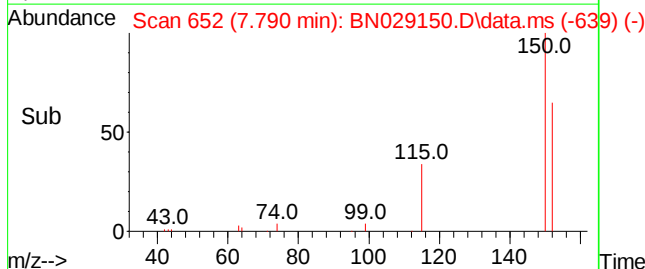
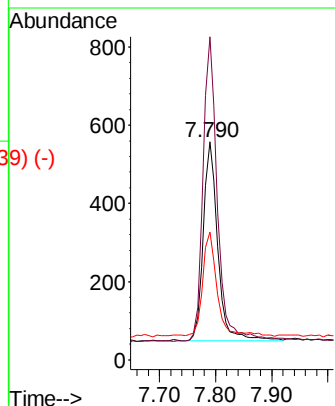
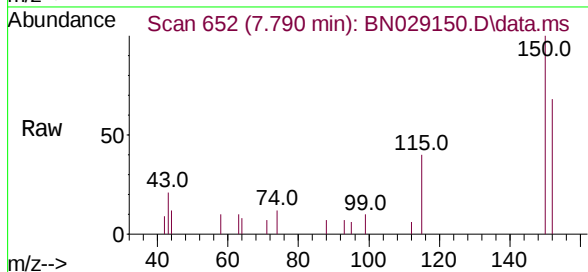




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.790 min Scan# 1
 Delta R.T. -0.007 min
 Lab File: BN029150.D
 Acq: 21 Dec 2023 14:59

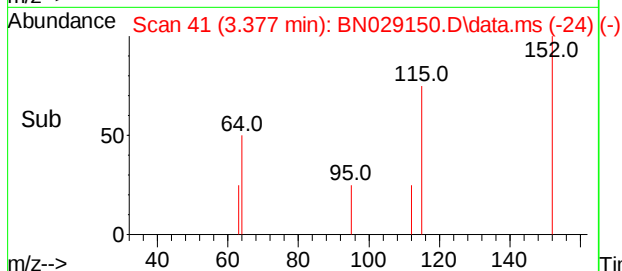
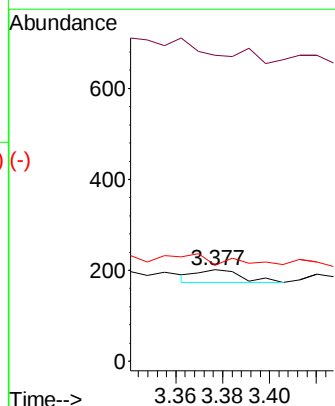
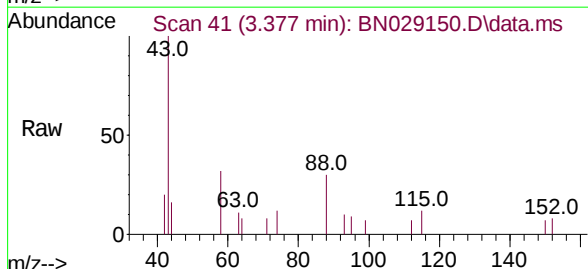
Instrument :
 BNA_N
 ClientSampleId :
 PB157679BL

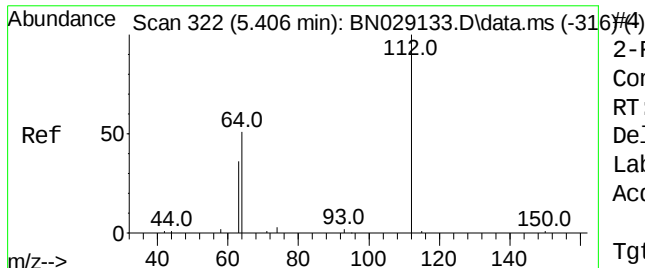
Tgt Ion: 152 Resp: 922
 Ion Ratio Lower Upper
 152 100
 150 148.0 117.6 176.4
 115 58.6 44.2 66.2



1,4-Dioxane
 Concen: 0.041 ng
 RT: 3.377 min Scan# 41
 Delta R.T. 0.022 min
 Lab File: BN029150.D
 Acq: 21 Dec 2023 14:59

Tgt Ion: 88 Resp: 36
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.1 30.1#
 58 97.2 35.4 53.2#





2-Fluorophenol

Concen: 0.271 ng

RT: 5.399 min Scan#

Delta R.T. -0.007 min

Lab File: BN029150.D

Acq: 21 Dec 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB157679BL

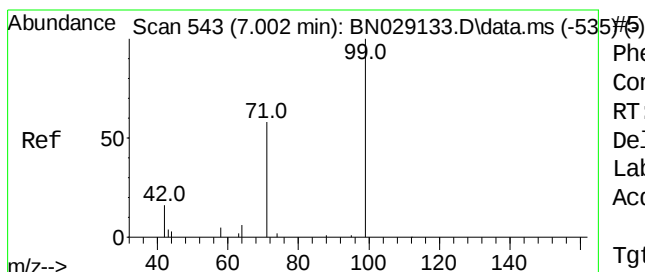
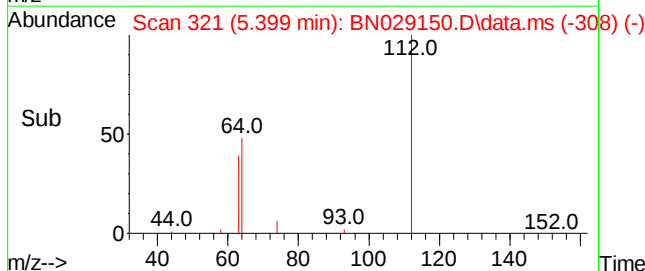
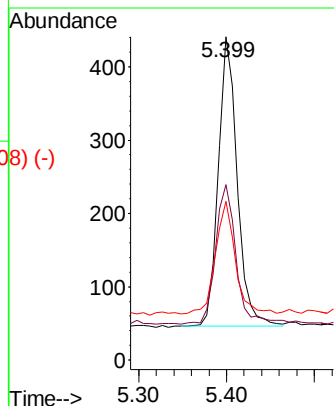
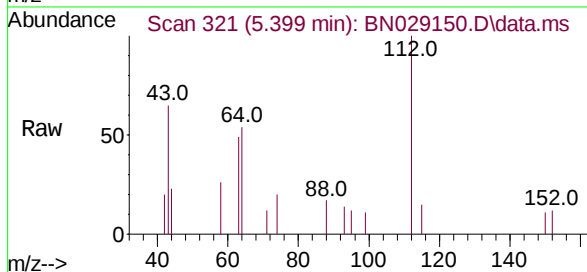
Tgt Ion:112 Resp: 598

Ion Ratio Lower Upper

112 100

64 52.8 38.6 58.0

63 40.8 30.0 45.0



Phenol-d6

Concen: 0.240 ng

RT: 7.002 min Scan# 543

Delta R.T. -0.000 min

Lab File: BN029150.D

Acq: 21 Dec 2023 14:59

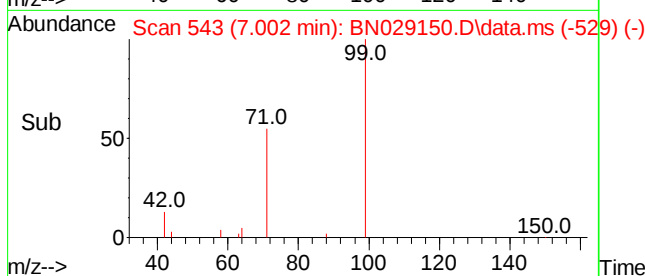
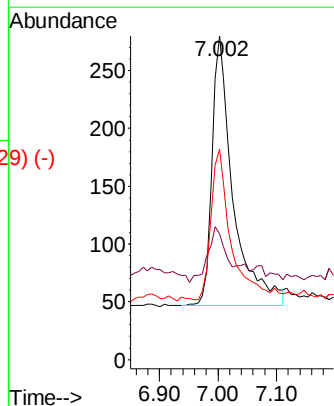
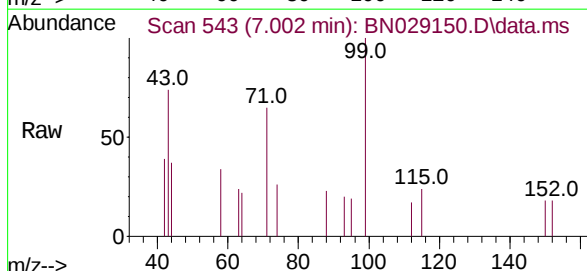
Tgt Ion: 99 Resp: 582

Ion Ratio Lower Upper

99 100

42 18.0 13.8 20.6

71 52.1 45.4 68.2



Abundance Scan 937 (10.584 min): BN029133.D\data.ms (-927) (-)

Naphthalene-d8

Concen: 0.400 ng

RT: 10.584 min Scan# 937

Delta R.T. 0.000 min

Lab File: BN029150.D

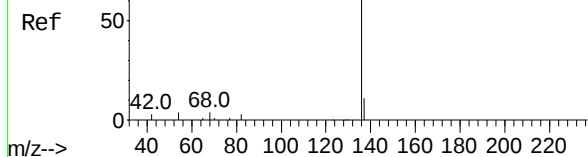
Acq: 21 Dec 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB157679BL



Tgt Ion: 136 Resp: 1648

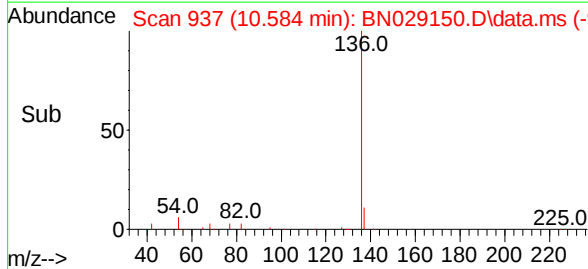
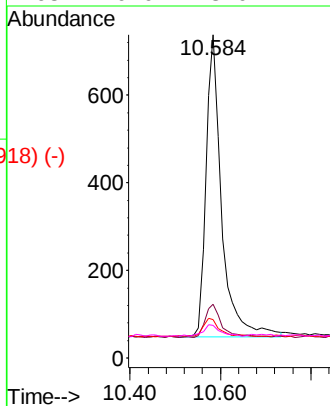
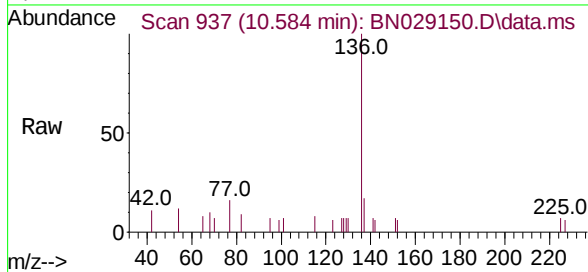
Ion Ratio Lower Upper

136 100

137 16.7 13.4 20.0

54 11.9 8.6 13.0

68 10.0 8.0 12.0



Abundance Scan 785 (8.961 min): BN029133.D\data.ms (-780) (-)

Nitrobenzene-d5

Concen: 0.285 ng

RT: 8.971 min Scan# 786

Delta R.T. 0.011 min

Lab File: BN029150.D

Acq: 21 Dec 2023 14:59

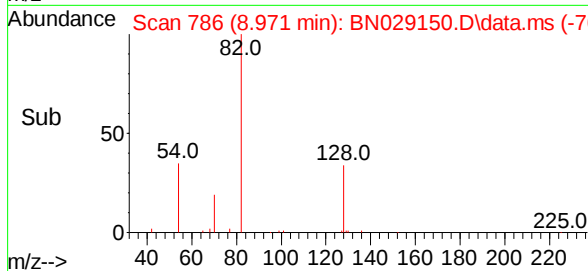
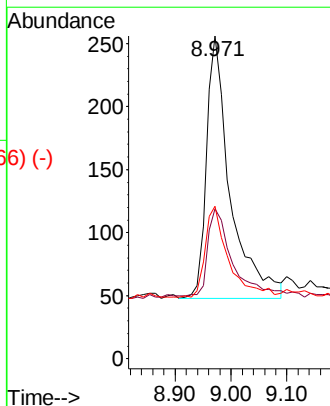
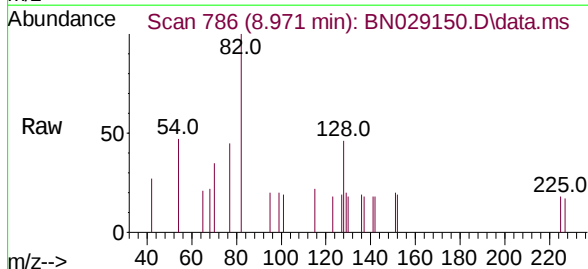
Tgt Ion: 82 Resp: 612

Ion Ratio Lower Upper

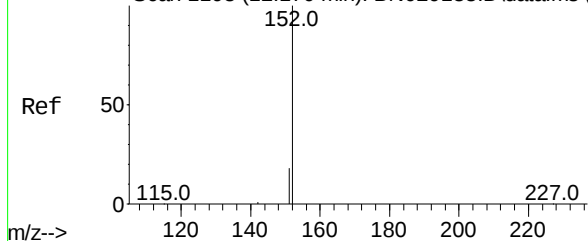
82 100

128 46.5 33.0 49.4

54 47.3 35.8 53.8



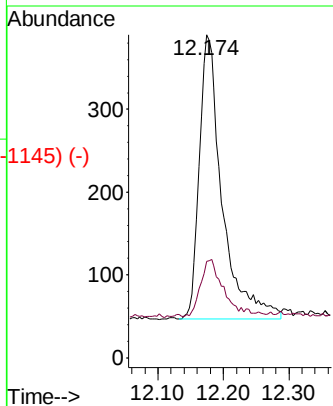
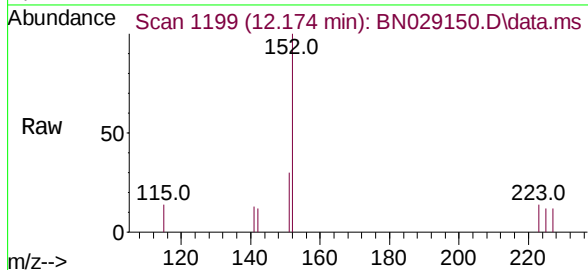
Abundance Scan 1198 (12.170 min): BN029133.D\data.ms (-1196) (-)



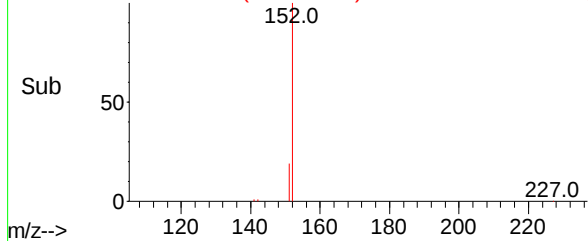
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 12.174 min Scan# 1198
Delta R.T. 0.004 min
Lab File: BN029150.D
Acq: 21 Dec 2023 14:59

Instrument :
BNA_N
ClientSampleId :
PB157679BL

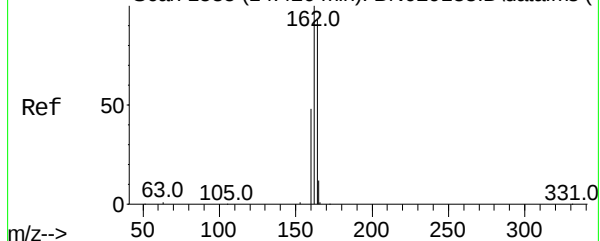
Tgt Ion:152 Resp: 826
Ion Ratio Lower Upper
152 100
151 20.0 17.4 26.2



Abundance Scan 1199 (12.174 min): BN029150.D\data.ms (-1145) (-)

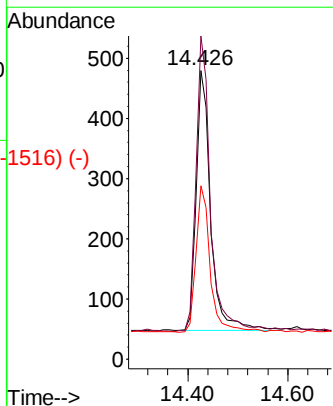
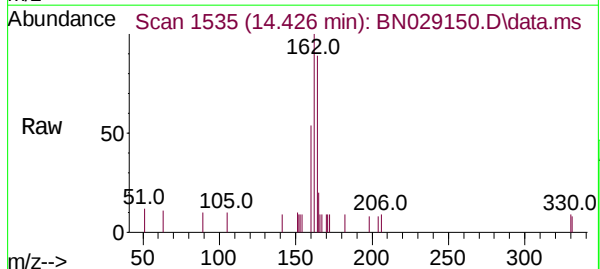


Abundance Scan 1535 (14.426 min): BN029133.D\data.ms (-1510) (-)

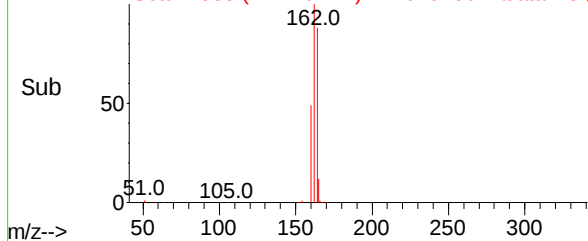


Acenaphthene-d10
Concen: 0.400 ng
RT: 14.426 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN029150.D
Acq: 21 Dec 2023 14:59

Tgt Ion:164 Resp: 862
Ion Ratio Lower Upper
164 100
162 111.9 85.0 127.4
160 60.0 45.8 68.8



Abundance Scan 1535 (14.426 min): BN029150.D\data.ms (-1516) (-)



Abundance Scan 1670 (15.927 min): BN029133.D\data.ms (-1665) (-)

2,4,6-Tribromophenol

Concen: 0.169 ng

RT: 15.940 min Scan# 1670

Delta R.T. 0.012 min

Lab File: BN029150.D

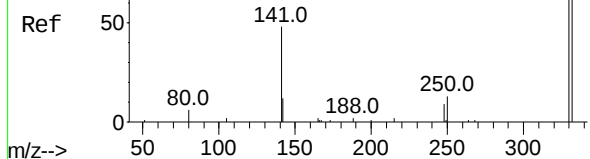
Acq: 21 Dec 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB157679BL



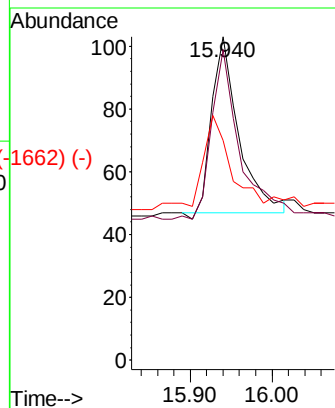
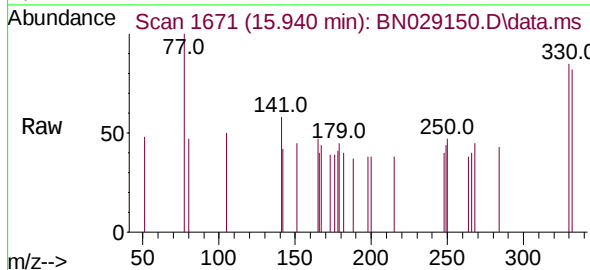
Tgt Ion:330 Resp: 127

Ion Ratio Lower Upper

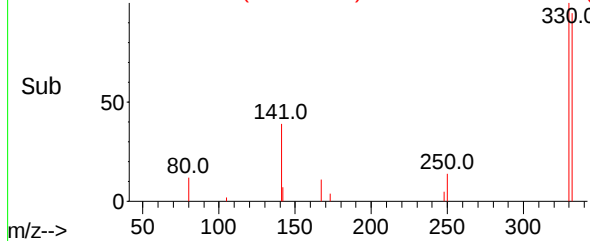
330 100

332 103.1 83.4 125.0

141 62.2 43.8 65.8



Abundance Scan 1671 (15.940 min): BN029150.D\data.ms (-1662) (-)



Abundance Scan 1407 (13.057 min): BN029133.D\data.ms (-1415) (-)

2-Fluorobiphenyl

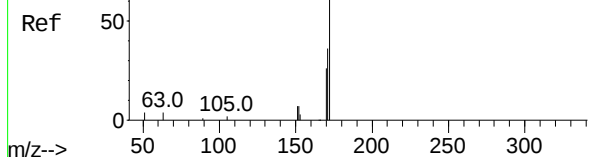
Concen: 0.317 ng

RT: 13.057 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BN029150.D

Acq: 21 Dec 2023 14:59



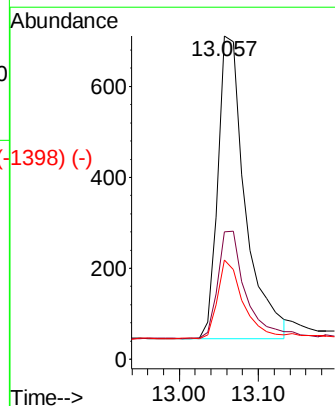
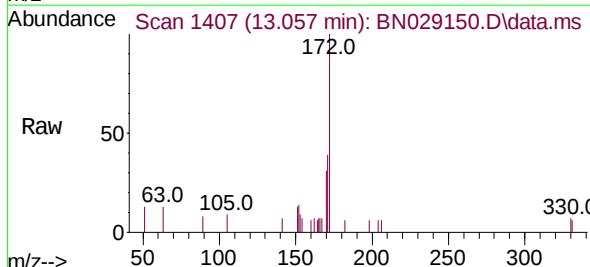
Tgt Ion:172 Resp: 1594

Ion Ratio Lower Upper

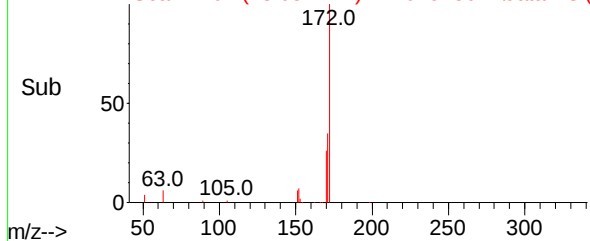
172 100

171 39.4 32.2 48.4

170 30.7 25.0 37.4



Abundance Scan 1407 (13.057 min): BN029150.D\data.ms (-1398) (-)



Abundance Scan 1771 (17.181 min): BN029133.D\data.ms (-1719) (-)

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.181 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BN029150.D

Acq: 21 Dec 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB157679BL

Tgt Ion:188 Resp: 1489

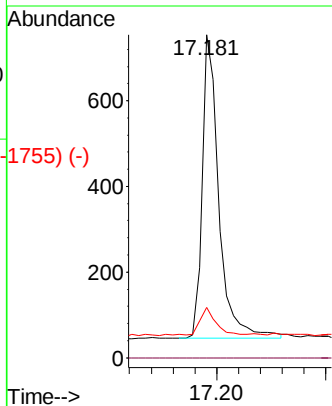
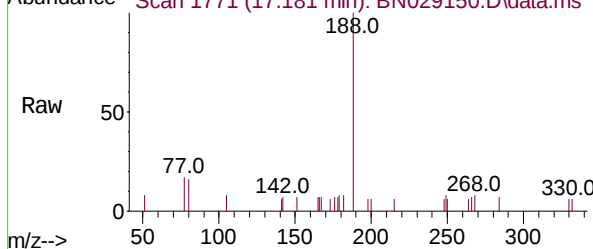
Ion Ratio Lower Upper

188 100

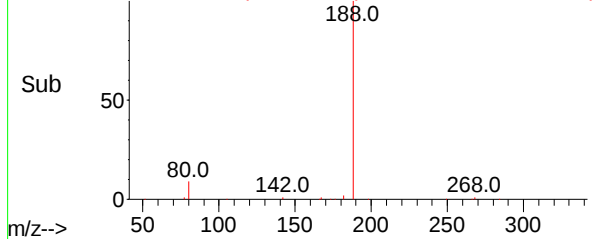
94 0.0 0.0 0.0

80 15.5 13.7 20.5

Abundance Scan 1771 (17.181 min): BN029150.D\data.ms



Abundance Scan 1771 (17.181 min): BN029150.D\data.ms (-1755) (-)



Abundance Scan 1642 (15.580 min): BN029133.D\data.ms (-1629) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.071 ng

RT: 15.518 min Scan# 1637

Delta R.T. -0.062 min

Lab File: BN029150.D

Acq: 21 Dec 2023 14:59

Tgt Ion:198 Resp: 6

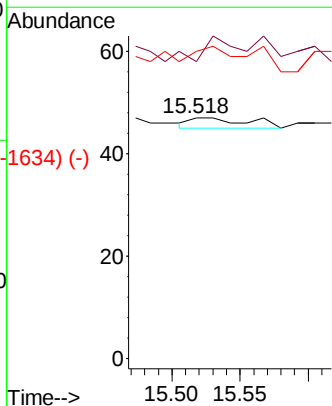
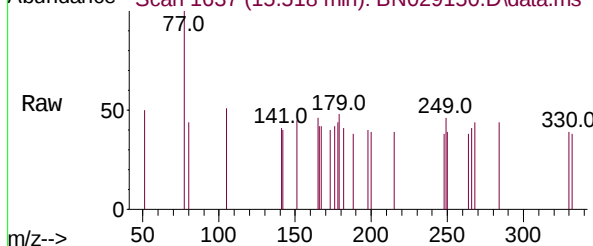
Ion Ratio Lower Upper

198 100

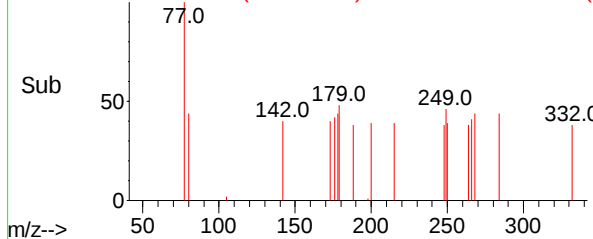
51 123.4 53.6 80.4#

105 127.7 65.6 98.4#

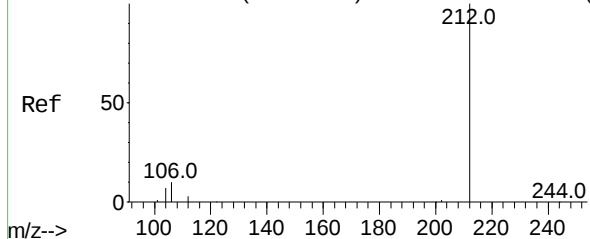
Abundance Scan 1637 (15.518 min): BN029150.D\data.ms



Abundance Scan 1637 (15.518 min): BN029150.D\data.ms (-1634) (-)



Abundance Scan 2031 (19.220 min): BN029133.D\data.ms (-2023) (-)



Fluoranthene-d10

Concen: 0.287 ng

RT: 19.225 min Scan# 2031

Delta R.T. 0.005 min

Lab File: BN029150.D

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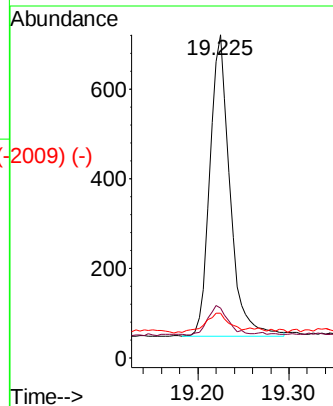
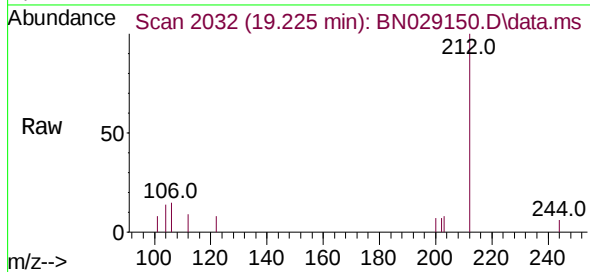
Tgt Ion:212 Resp: 1033

Ion Ratio Lower Upper

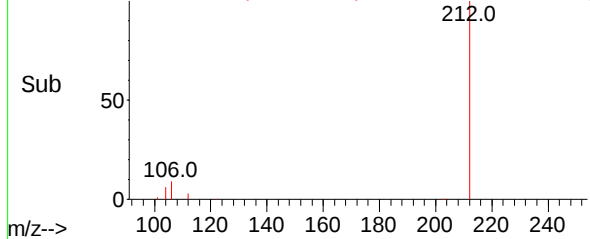
212 100

106 9.7 9.6 14.4

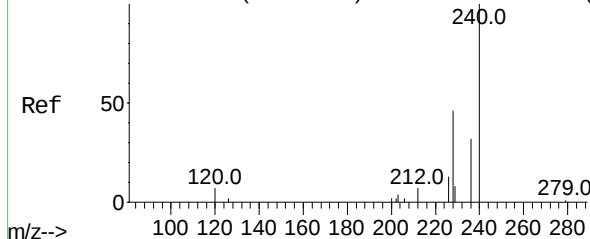
104 7.7 6.5 9.7



Abundance Scan 2032 (19.225 min): BN029150.D\data.ms (-2009) (-)



Abundance Scan 2458 (21.389 min): BN029133.D\data.ms (-2023) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.394 min Scan# 2459

Delta R.T. 0.005 min

Lab File: BN029150.D

Acq: 21 Dec 2023 14:59

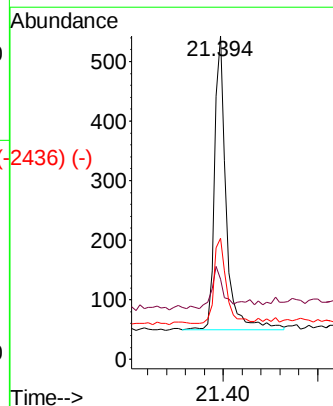
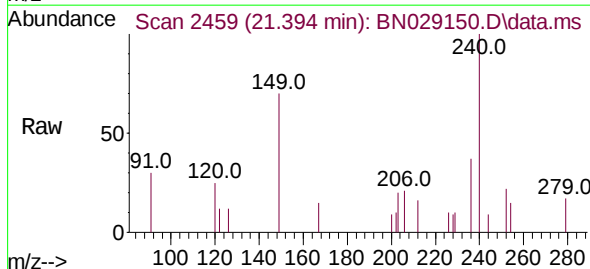
Tgt Ion:240 Resp: 842

Ion Ratio Lower Upper

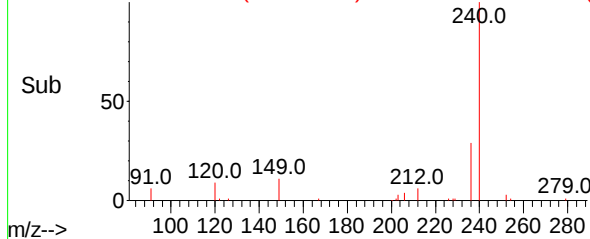
240 100

120 24.9 21.4 32.0

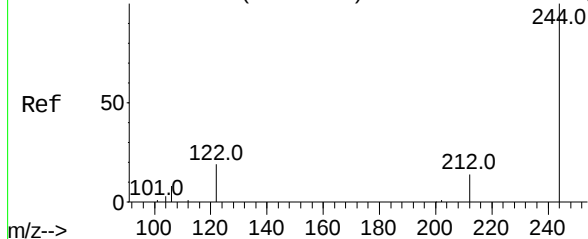
236 37.4 33.5 50.3



Abundance Scan 2459 (21.394 min): BN029150.D\data.ms (-2436) (-)



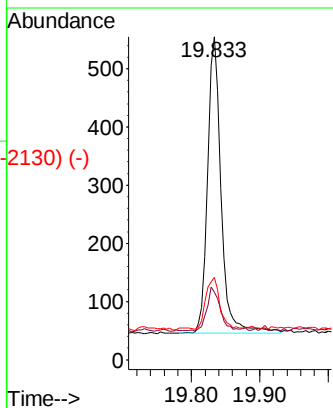
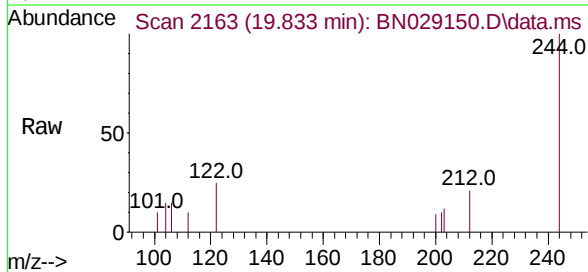
Abundance Scan 2162 (19.829 min): BN029133.D\data.ms (-2130) (-)



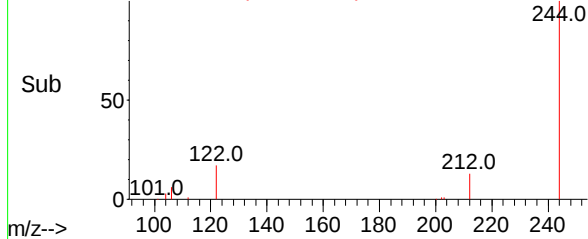
Terphenyl-d14
Concen: 0.300 ng
RT: 19.833 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN029150.D
Acq: 21 Dec 2023 14:59

Instrument :
BNA_N
ClientSampleId :
PB157679BL

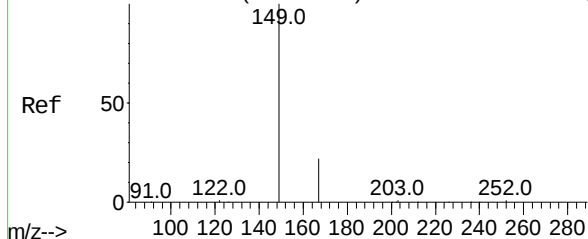
Tgt Ion:	244	Resp:	694
Ion	Ratio	Lower	Upper
244	100		
212	20.9	19.0	28.6
122	25.4	22.5	33.7



Abundance Scan 2163 (19.833 min): BN029150.D\data.ms (-2130) (-)

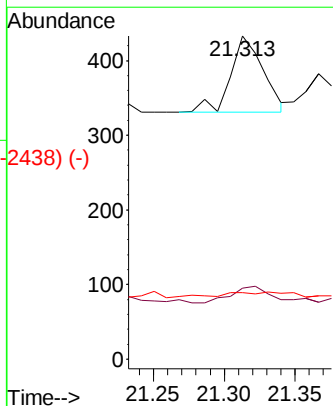
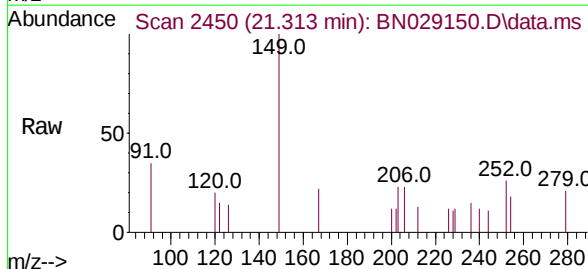


Abundance Scan 2449 (21.308 min): BN029133.D\data.ms (-2438) (-)

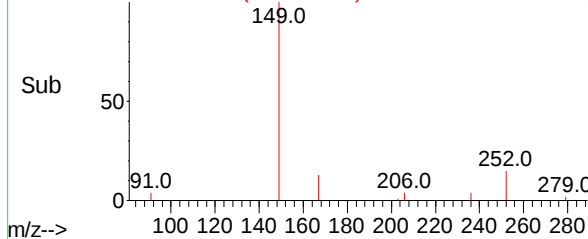


Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.313 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BN029150.D
Acq: 21 Dec 2023 14:59

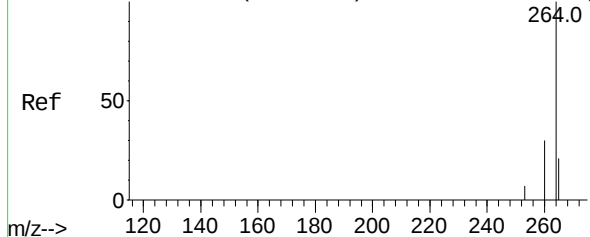
Tgt Ion:	149	Resp:	163
Ion	Ratio	Lower	Upper
149	100		
167	28.8	20.2	30.2
279	5.5	2.5	3.7#



Abundance Scan 2450 (21.313 min): BN029150.D\data.ms (-2438) (-)



Abundance Scan 3017 (23.711 min): BN029133.D\data.ms (-2995) (-)



Perylene-d12

Concen: 0.400 ng

RT: 23.710 min Scan# 1

Delta R.T. -0.001 min

Lab File: BN029150.D

Acq: 21 Dec 2023 14:59

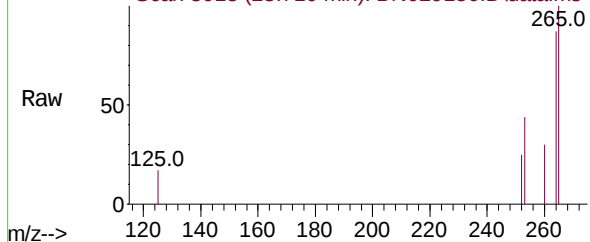
Instrument :

BNA_N

ClientSampleId :

PB157679BL

Abundance Scan 3018 (23.710 min): BN029150.D\data.ms



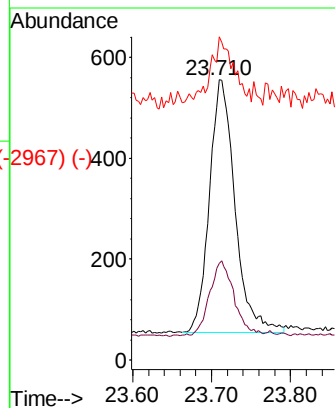
Tgt Ion:264 Resp: 1125

Ion Ratio Lower Upper

264 100

260 34.5 31.0 46.6

265 115.3 105.3 157.9



Abundance Scan 3018 (23.710 min): BN029150.D\data.ms (-2967) (-)

