

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029059.D
 Acq On : 06 Dec 2023 17:13
 Operator : MA/JU
 Sample : PB157235BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157235BL

Quant Time: Dec 06 17:41:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

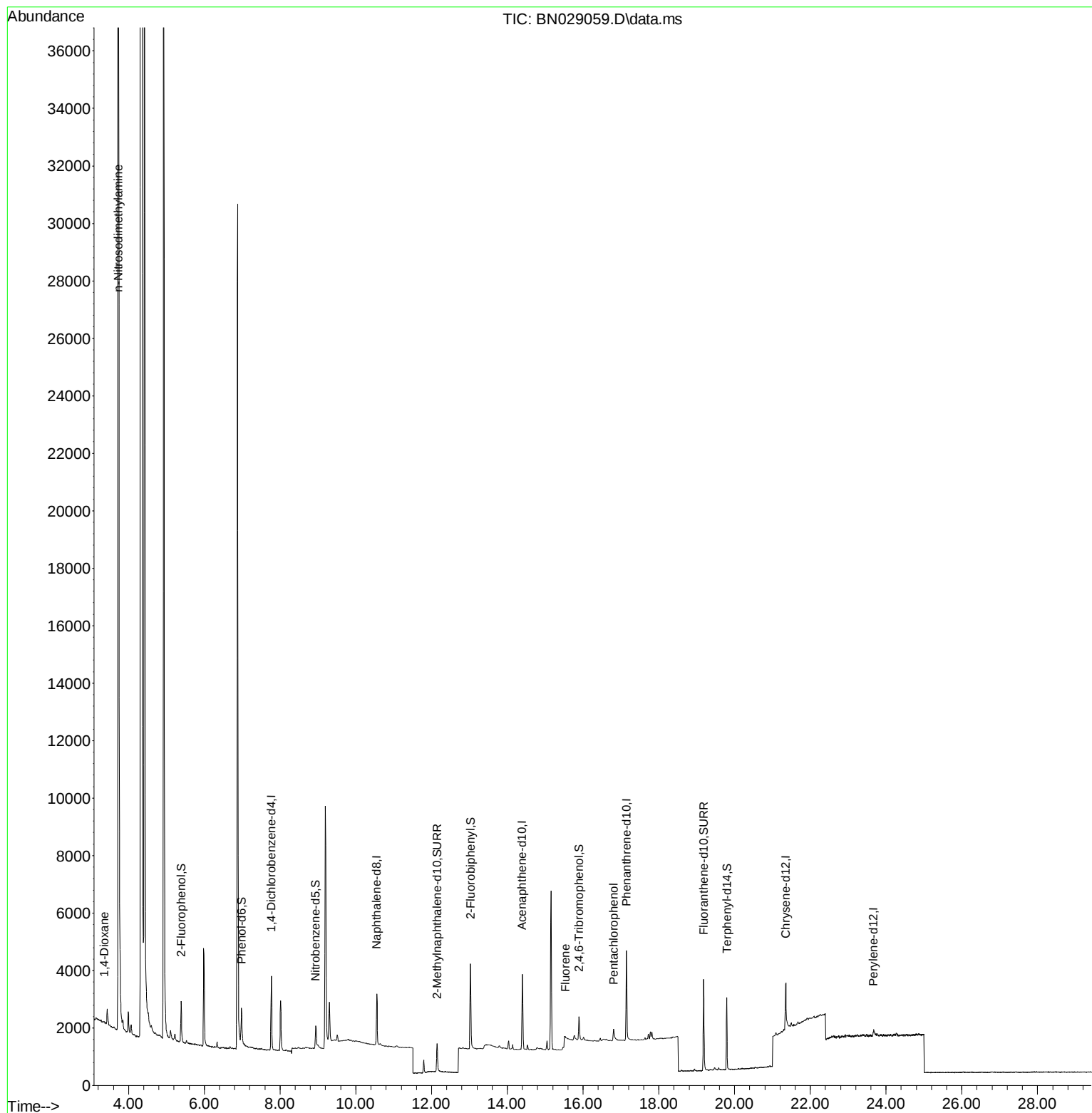
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1292	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2551	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	1404	0.400	ng	0.00
19) Phenanthrene-d10	17.147	188	4605	0.400	ng	0.00
29) Chrysene-d12	21.356	240	2141	0.400	ng	# 0.00
35) Perylene-d12	23.670	264	262	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1100	0.376	ng	0.00
5) Phenol-d6	6.981	99	1124	0.322	ng	0.00
8) Nitrobenzene-d5	8.939	82	823	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.148	152	1454	0.271	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	558	0.360	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2703	0.372	ng	0.00
27) Fluoranthene-d10	19.186	212	4099	0.283	ng	0.00
31) Terphenyl-d14	19.794	244	2495	0.460	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	73	0.070	ng	# 24
3) n-Nitrosodimethylamine	3.731	42	11673	18.479	ng	# 1
18) Fluorene	15.533	166	524	0.068	ng	# 8
24) Pentachlorophenol	16.811	266	118	0.046	ng	# 26

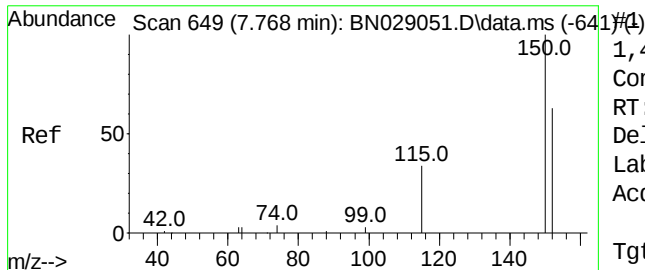
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029059.D
Acq On : 06 Dec 2023 17:13
Operator : MA/JU
Sample : PB157235BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157235BL

Quant Time: Dec 06 17:41:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.768 min Scan#

Delta R.T. -0.007 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

Instrument :

BNA_N

ClientSampleId :

PB157235BL

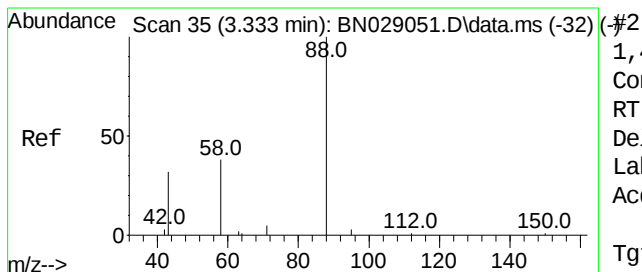
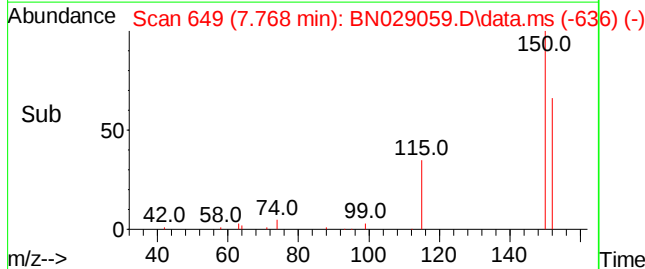
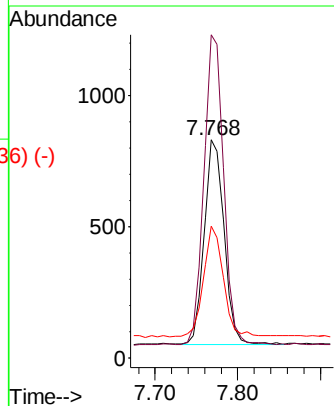
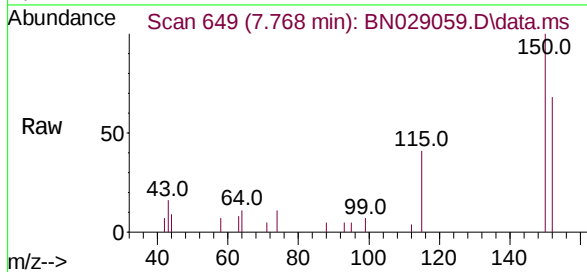
Tgt Ion:152 Resp: 1292

Ion Ratio Lower Upper

152 100

150 148.1 116.2 174.4

115 60.5 45.1 67.7



1,4-Dioxane

Concen: 0.070 ng

RT: 3.355 min Scan# 38

Delta R.T. 0.015 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

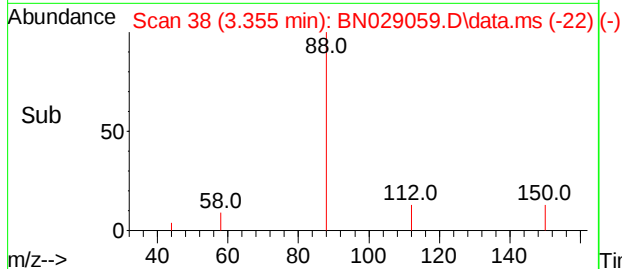
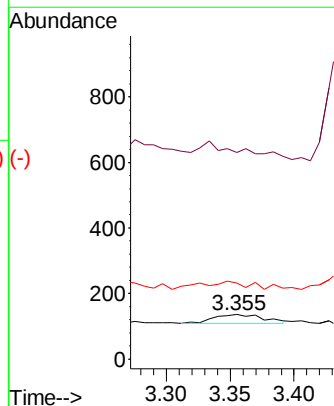
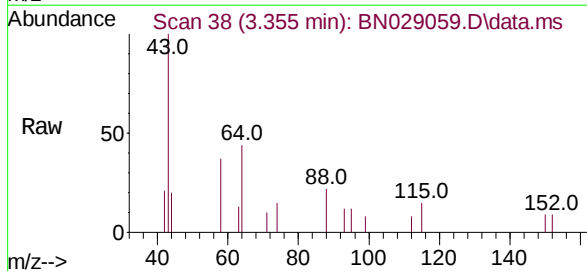
Tgt Ion: 88 Resp: 73

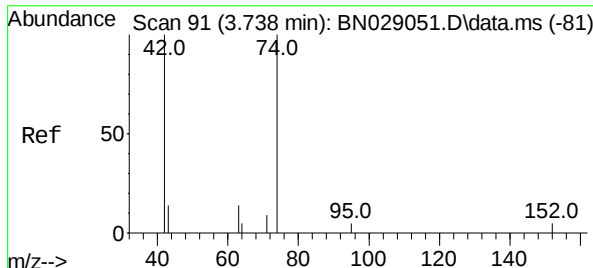
Ion Ratio Lower Upper

88 100

43 0.0 15.6 23.4#

58 98.6 33.2 49.8#

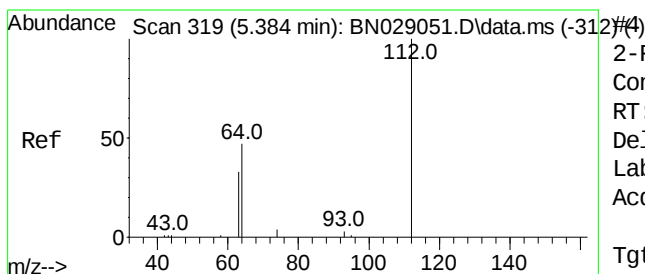
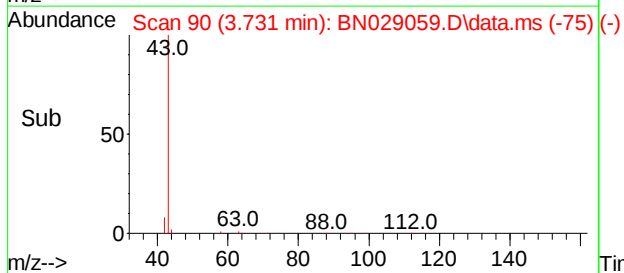
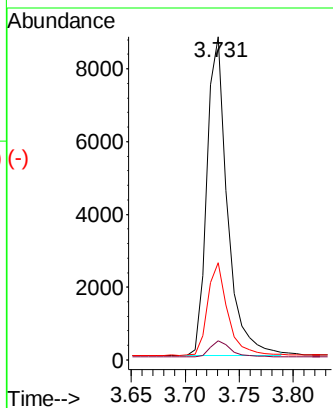
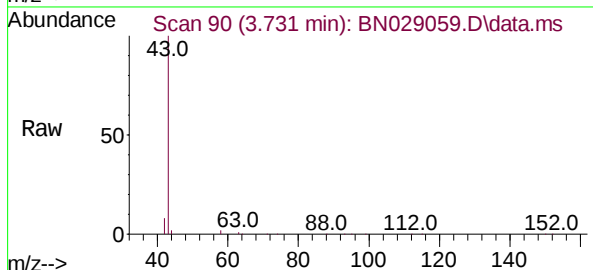




n-Nitrosodimethylamine
 Concen: 18.479 ng
 RT: 3.731 min Scan# 3
 Delta R.T. 0.008 min
 Lab File: BN029059.D
 Acq: 06 Dec 2023 17:13

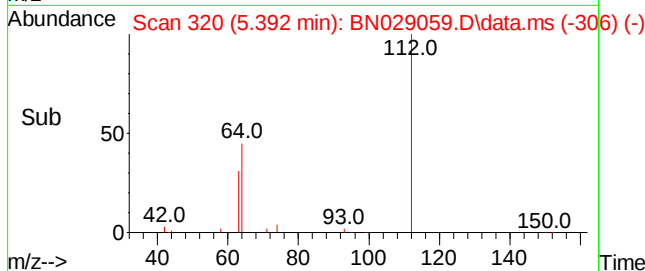
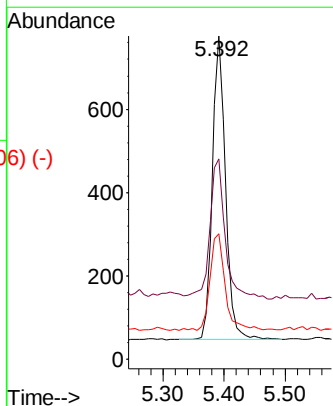
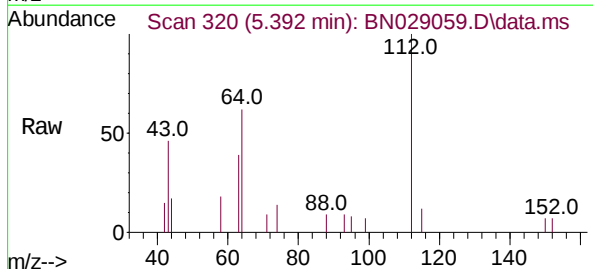
Instrument :
 BNA_N
 ClientSampleId :
 PB157235BL

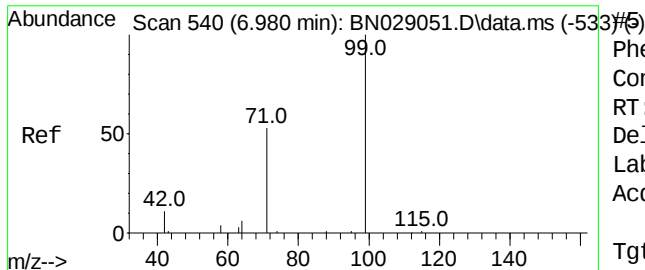
Tgt Ion:	42	Resp:	11673
Ion	Ratio	Lower	Upper
42	100		
74	4.9	106.3	159.5#
44	28.5	0.0	0.0#



2-Fluorophenol
 Concen: 0.376 ng
 RT: 5.392 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: BN029059.D
 Acq: 06 Dec 2023 17:13

Tgt Ion:	112	Resp:	1100
Ion	Ratio	Lower	Upper
112	100		
64	54.8	37.0	55.6
63	35.5	29.0	43.6





Phenol-d6

Concen: 0.322 ng

RT: 6.981 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

Instrument :

BNA_N

ClientSampleId :

PB157235BL

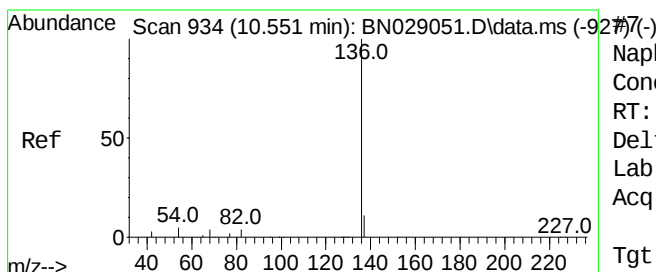
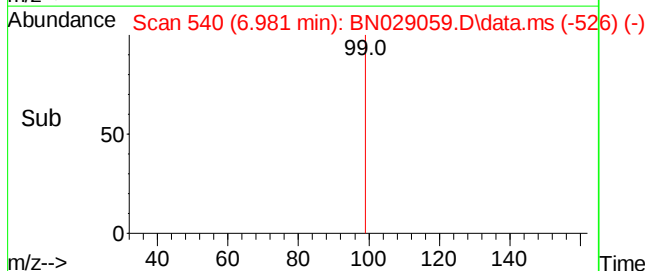
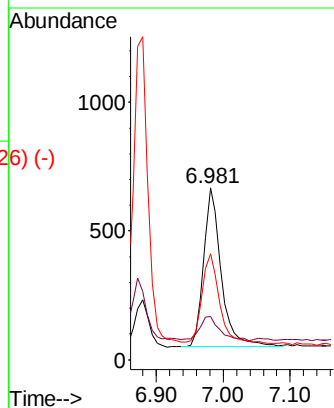
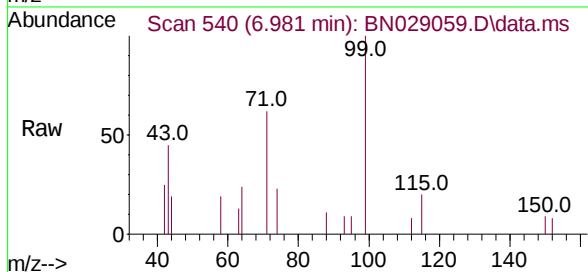
Tgt Ion: 99 Resp: 1124

Ion Ratio Lower Upper

99 100

42 16.8 13.4 20.2

71 56.1 47.8 71.6



Naphthalene-d8

Concen: 0.400 ng

RT: 10.552 min Scan# 934

Delta R.T. -0.010 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

Tgt Ion: 136 Resp: 2551

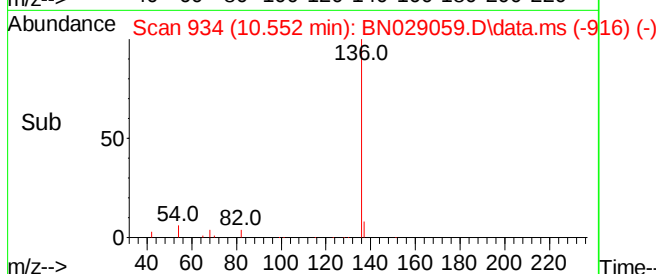
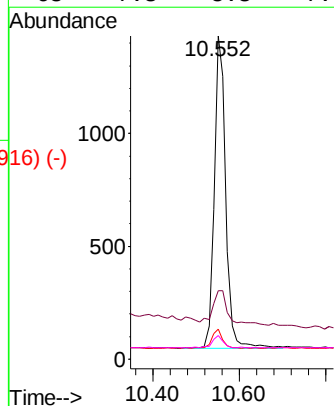
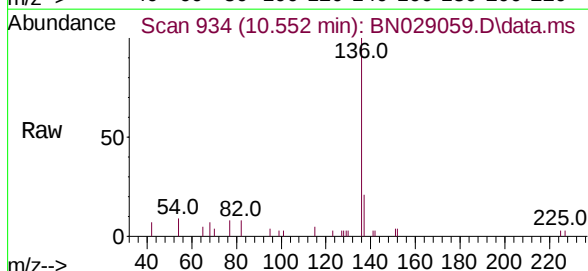
Ion Ratio Lower Upper

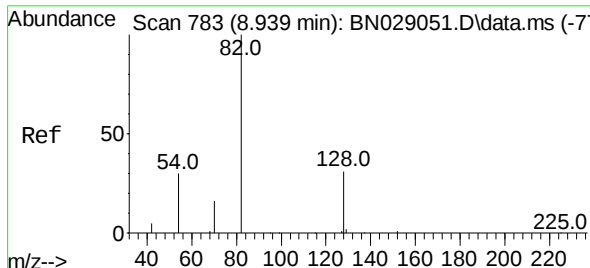
136 100

137 21.2 11.9 17.9#

54 9.3 6.4 9.6

68 7.3 5.3 7.9





Nitrobenzene-d5

Concen: 0.267 ng

RT: 8.939 min Scan#

Delta R.T. 0.000 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

Instrument :

BNA_N

ClientSampleId :

PB157235BL

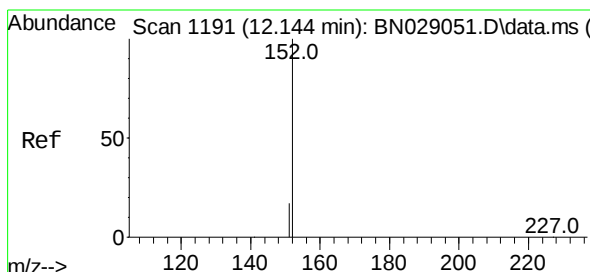
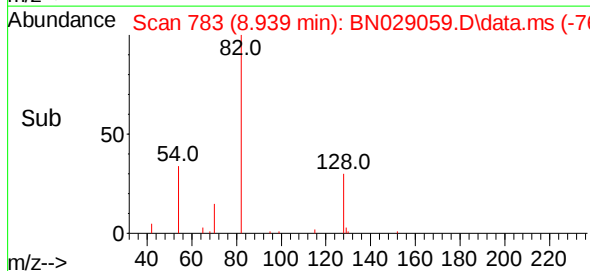
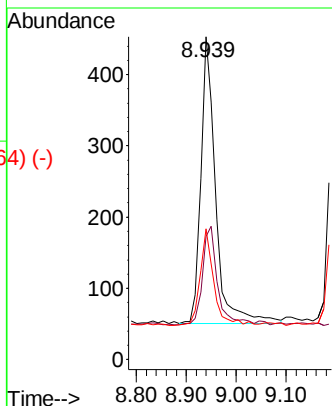
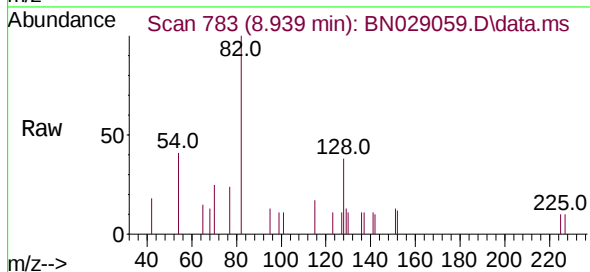
Tgt Ion: 82 Resp: 823

Ion Ratio Lower Upper

82 100

128 38.2 28.2 42.4

54 40.6 32.1 48.1



2-Methylnaphthalene-d10

Concen: 0.271 ng

RT: 12.148 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BN029059.D

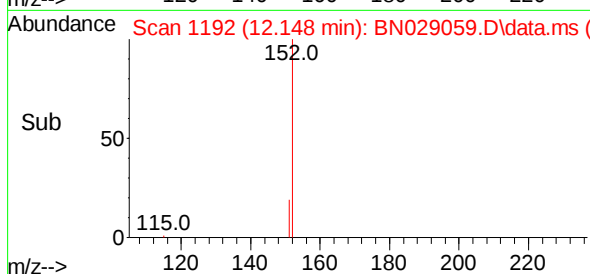
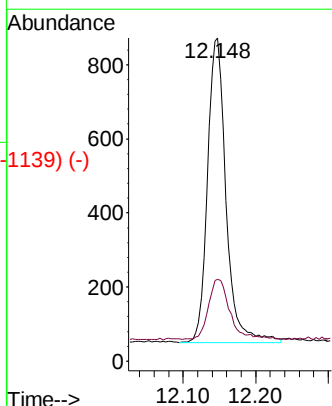
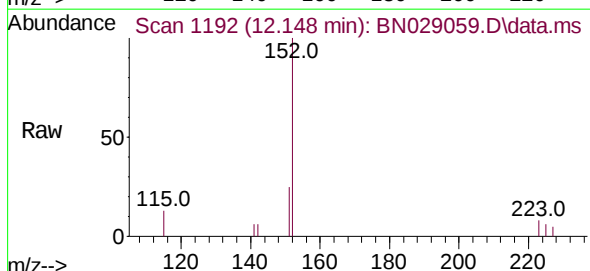
Acq: 06 Dec 2023 17:13

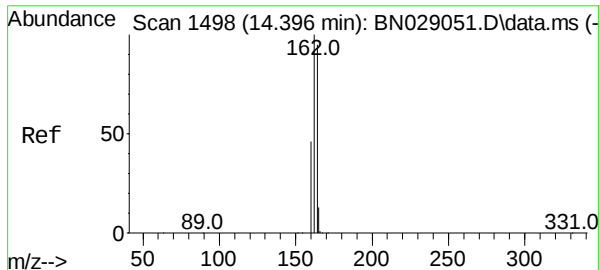
Tgt Ion: 152 Resp: 1454

Ion Ratio Lower Upper

152 100

151 23.7 17.4 26.0





Acenaphthene-d10

Concen: 0.400 ng

RT: 14.396 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

Instrument :

BNA_N

ClientSampleId :

PB157235BL

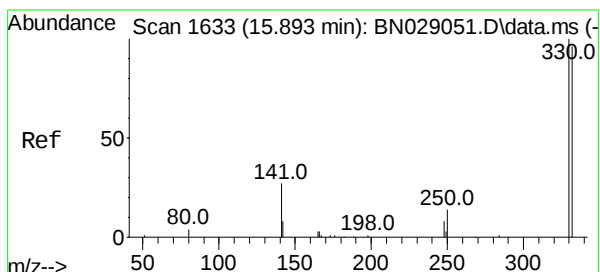
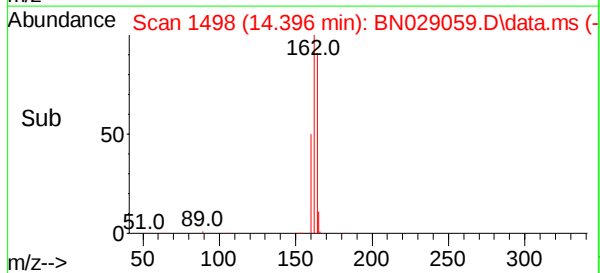
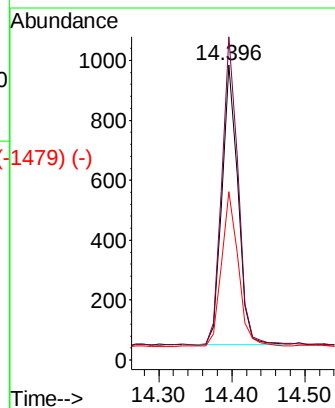
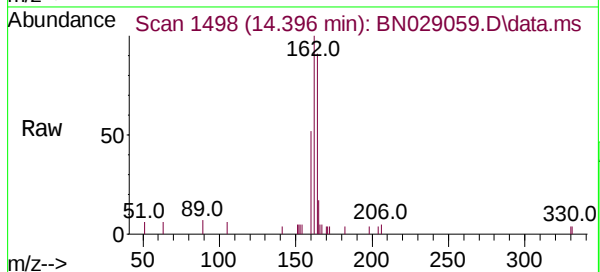
Tgt Ion:164 Resp: 1404

Ion Ratio Lower Upper

164 100

162 109.4 85.0 127.6

160 57.1 41.3 61.9



2,4,6-Tribromophenol

Concen: 0.360 ng

RT: 15.893 min Scan# 1633

Delta R.T. 0.000 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

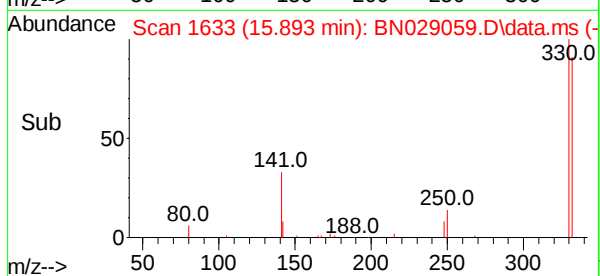
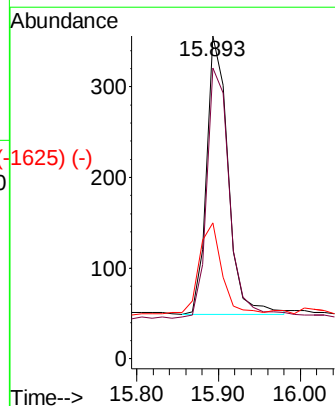
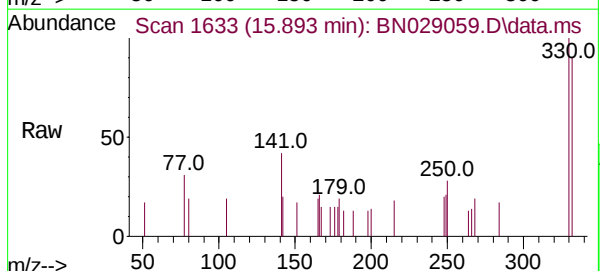
Tgt Ion:330 Resp: 558

Ion Ratio Lower Upper

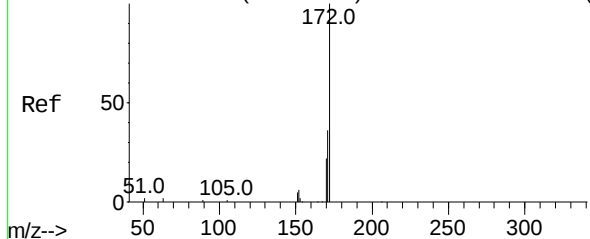
330 100

332 96.2 78.8 118.2

141 33.7 28.7 43.1



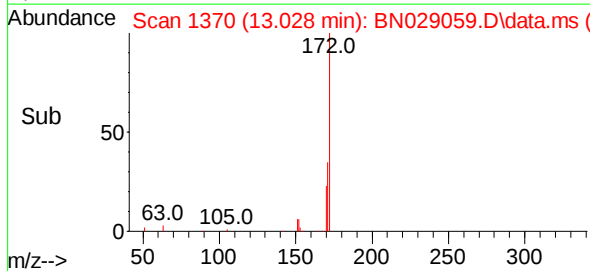
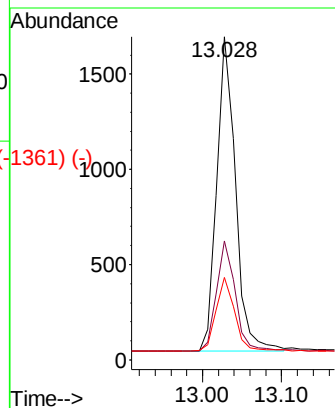
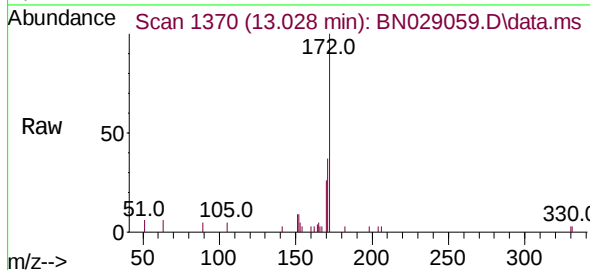
Abundance Scan 1370 (13.028 min): BN029051.D\data.ms (-1361) (-)



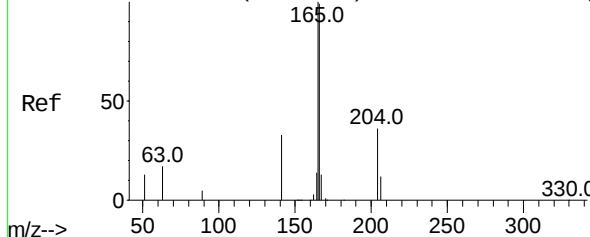
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.028 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN029059.D
Acq: 06 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
PB157235BL

Tgt Ion:	172	Resp:	2703
Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.1	45.1
170	25.5	20.3	30.5

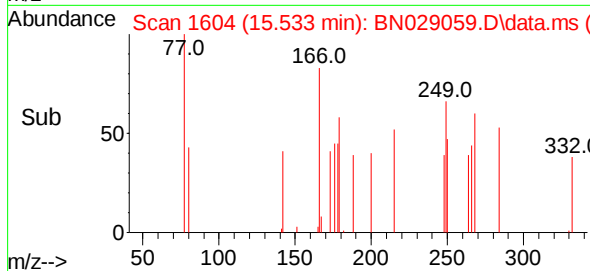
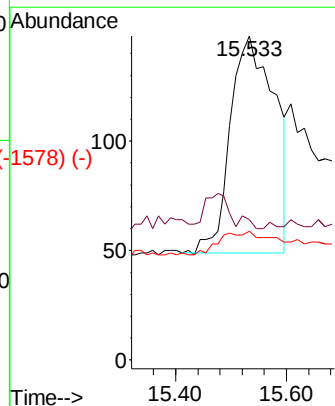
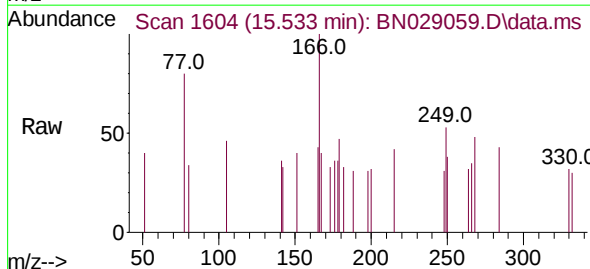


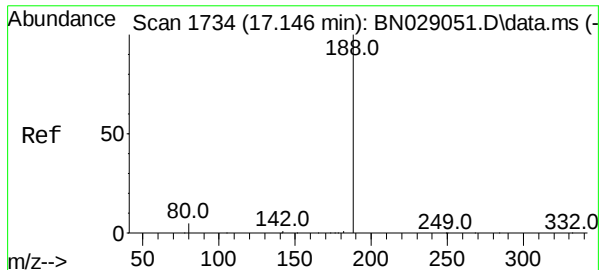
Abundance Scan 1596 (15.444 min): BN029051.D\data.ms (-1578) (-)



Fluorene
Concen: 0.068 ng
RT: 15.533 min Scan# 1604
Delta R.T. 0.078 min
Lab File: BN029059.D
Acq: 06 Dec 2023 17:13

Tgt Ion:	166	Resp:	524
Ion	Ratio	Lower	Upper
166	100		
165	0.0	80.2	120.4#
167	0.0	11.0	16.4#





Phenanthrene-d10

Concen: 0.400 ng

RT: 17.147 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

Instrument :

BNA_N

ClientSampleId :

PB157235BL

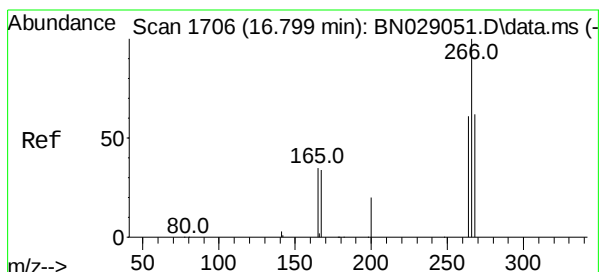
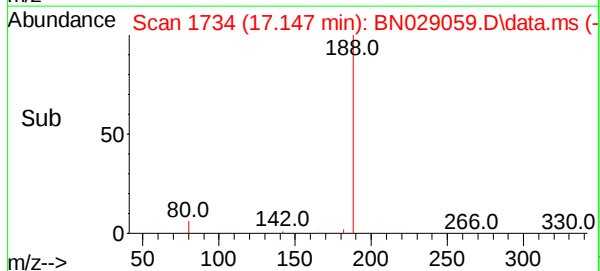
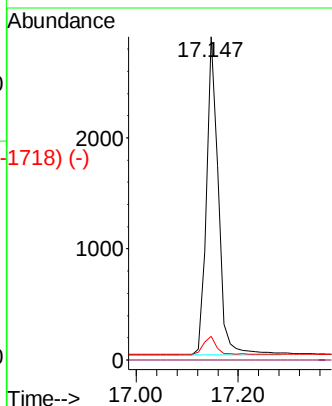
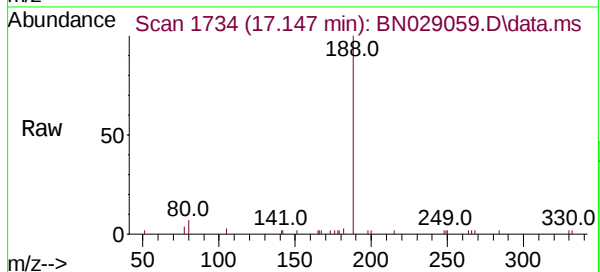
Tgt Ion:188 Resp: 4605

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.3 5.4 8.0



Pentachlorophenol

Concen: 0.046 ng

RT: 16.811 min Scan# 1707

Delta R.T. 0.013 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

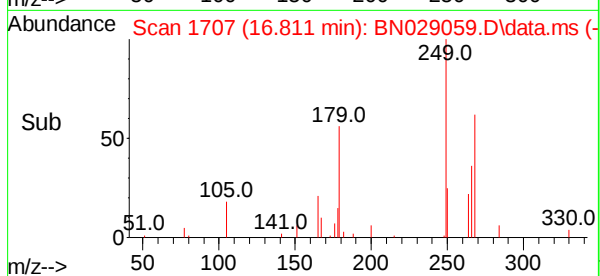
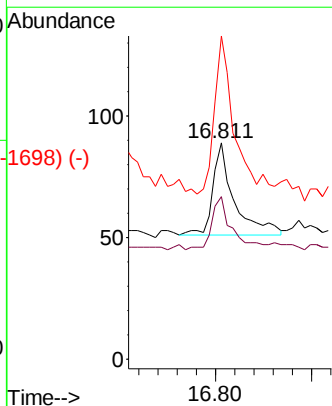
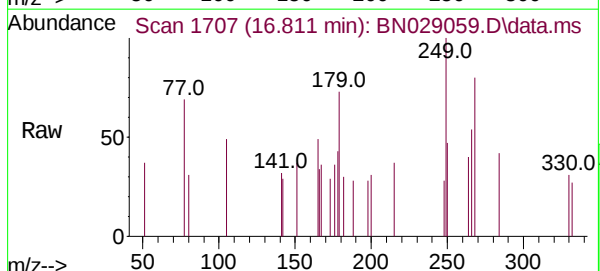
Tgt Ion:266 Resp: 118

Ion Ratio Lower Upper

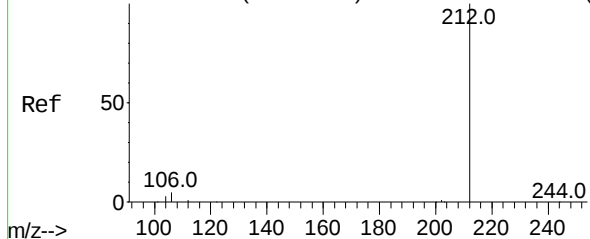
266 100

264 45.8 50.7 76.1#

268 158.5 49.5 74.3#



Abundance Scan 1989 (19.185 min): BN029051.D\data.ms (-1925) (-)



Fluoranthene-d10

Concen: 0.283 ng

RT: 19.186 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

Instrument :

BNA_N

ClientSampleId :

PB157235BL

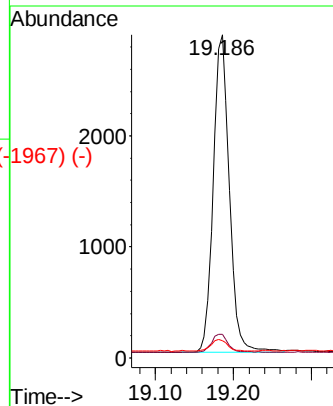
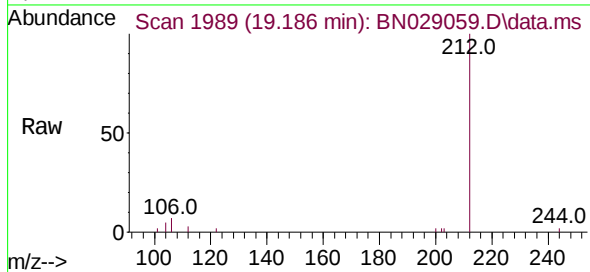
Tgt Ion:212 Resp: 4099

Ion Ratio Lower Upper

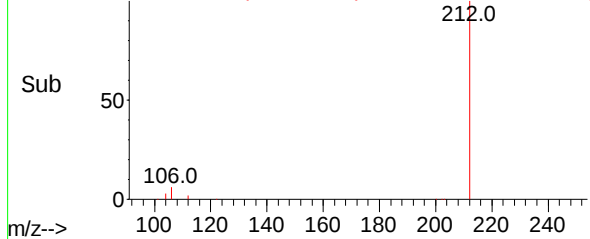
212 100

106 5.9 3.9 5.9#

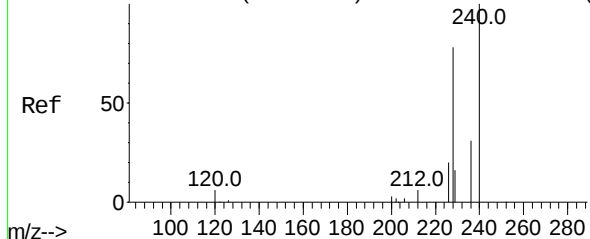
104 3.8 2.6 3.8



Abundance Scan 1989 (19.186 min): BN029059.D\data.ms (-1967) (-)



Abundance Scan 2419 (21.347 min): BN029051.D\data.ms (-2429) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.356 min Scan# 2420

Delta R.T. 0.009 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

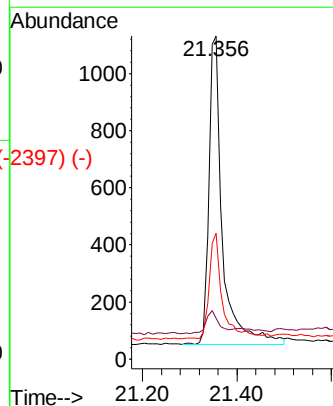
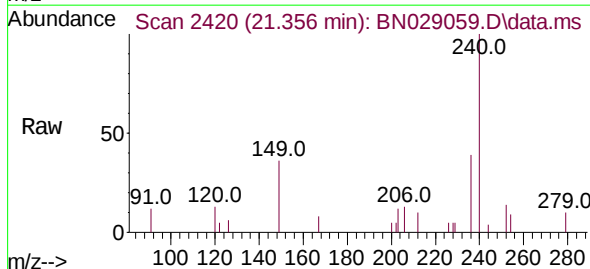
Tgt Ion:240 Resp: 2141

Ion Ratio Lower Upper

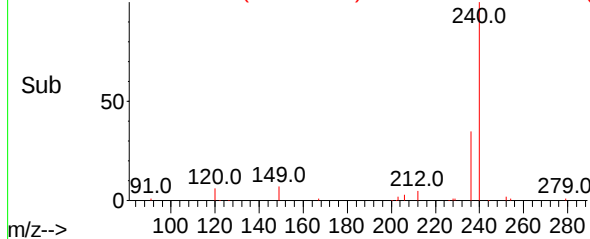
240 100

120 12.6 6.7 10.1#

236 39.0 25.7 38.5#



Abundance Scan 2420 (21.356 min): BN029059.D\data.ms (-2397) (-)



Abundance Scan 2120 (19.794 min): BN029051.D\data.ms (-2109) (-)

Terphenyl-d14

Concen: 0.460 ng

RT: 19.794 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

Instrument :

BNA_N

ClientSampleId :

PB157235BL

Tgt Ion:244 Resp: 2495

Ion Ratio Lower Upper

244 100

212 15.0 11.6 17.4

122 12.1 8.2 12.4

Abundance Scan 2120 (19.794 min): BN029059.D\data.ms

Ref 50

122.0 212.0 244.0

m/z-->

Raw 50

101.0 122.0 212.0 244.0

m/z-->

Abundance Scan 2120 (19.794 min): BN029059.D\data.ms (-2088) (-)

Sub 50

101.0 122.0 212.0 244.0

m/z-->

Abundance

19.794

1500

1000

500

0

Time--> 19.70 19.80 19.90

Abundance Scan 2971 (23.672 min): BN029051.D\data.ms (-2935) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.670 min Scan# 2970

Delta R.T. 0.000 min

Lab File: BN029059.D

Acq: 06 Dec 2023 17:13

Tgt Ion:264 Resp: 262

Ion Ratio Lower Upper

264 100

260 59.3 23.9 35.9#

265 555.6 52.7 79.1#

Abundance Scan 2970 (23.670 min): BN029059.D\data.ms

Ref 50

125.0 265.0

m/z-->

Raw 50

125.0 265.0

m/z-->

Abundance Scan 2970 (23.670 min): BN029059.D\data.ms (-2919) (-)

Sub 50

125.0 265.0

m/z-->

Abundance

800

600

400

200

0

Time--> 23.60 23.70