

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029013.D
 Acq On : 03 Dec 2023 10:22
 Operator : MA/JU
 Sample : 05404-05
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20231109

Quant Time: Dec 04 00:42:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 00:28:48 2023
 Response via : Initial Calibration

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

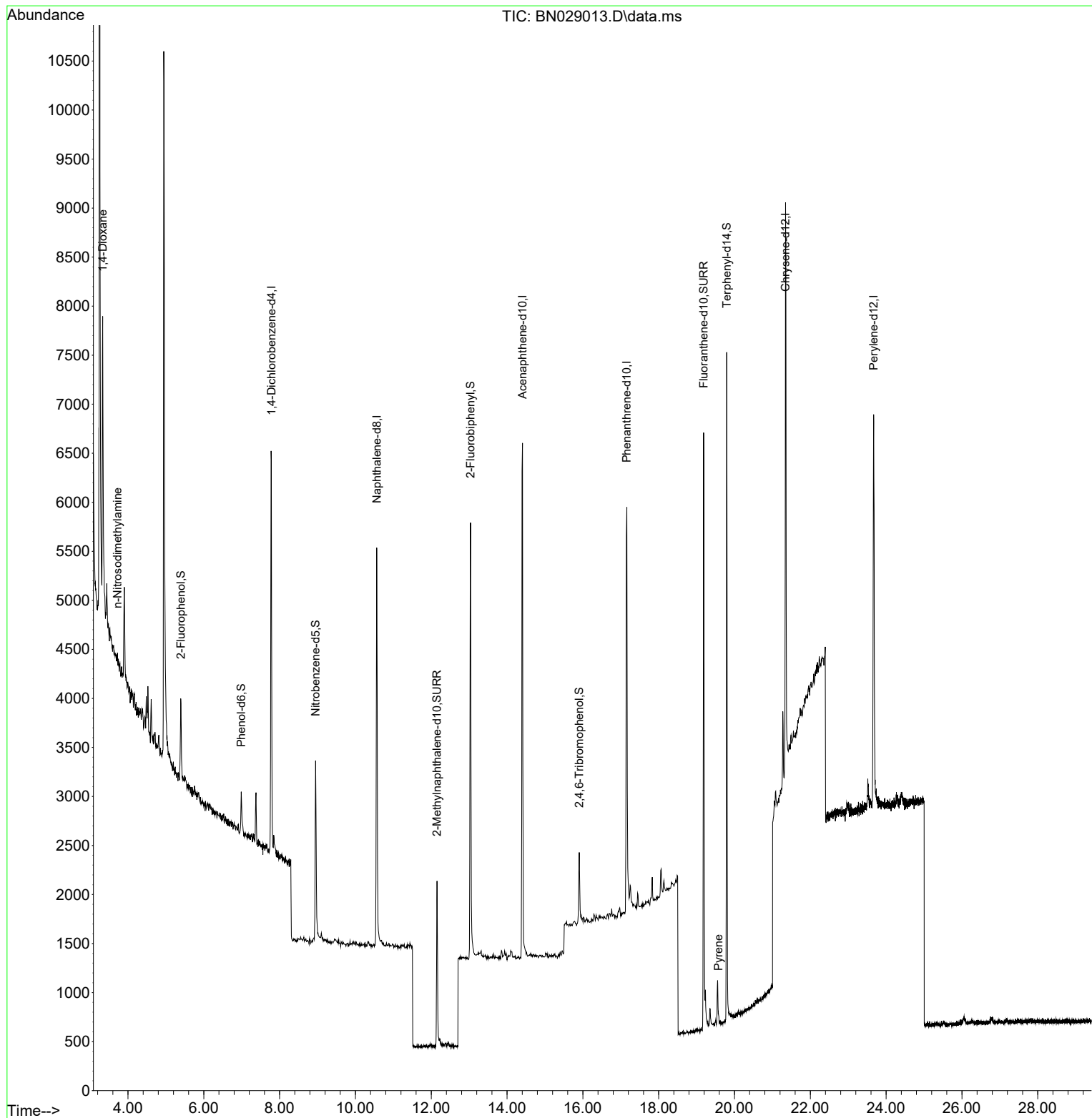
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	1978	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5568	0.400	ng	0.00
13) Acenaphthene-d10	14.407	164	3468	0.400	ng	0.00
19) Phenanthrene-d10	17.159	188	7307	0.400	ng	# 0.00
29) Chrysene-d12	21.347	240	6012	0.400	ng	# 0.00
35) Perylene-d12	23.670	264	5634	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	572	0.095	ng	0.00
5) Phenol-d6	6.988	99	387	0.058	ng	0.00
8) Nitrobenzene-d5	8.950	82	1749	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	2509	0.281	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	535	0.228	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	4302	0.287	ng	0.00
27) Fluoranthene-d10	19.185	212	7465	0.388	ng	0.00
31) Terphenyl-d14	19.794	244	7030	0.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	2177	1.124	ng	# 81
3) n-Nitrosodimethylamine	3.723	42	29	0.101	ng	# 14
30) Pyrene	19.580	202	82	0.096	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.275	149	886	Below Cal		# 87

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

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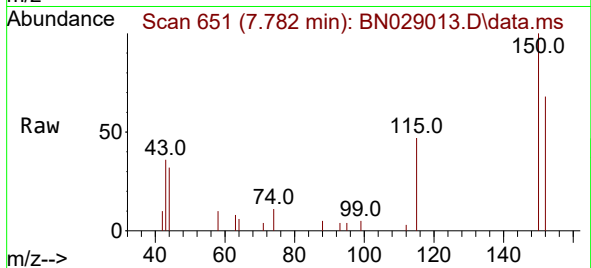
Quant Time: Dec 04 00:42:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration





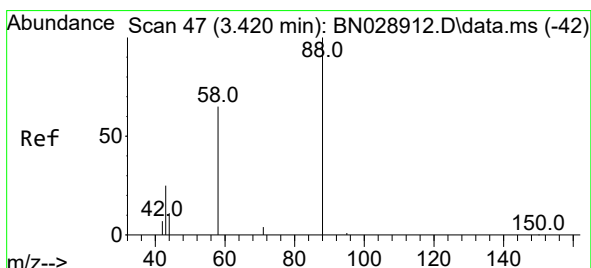
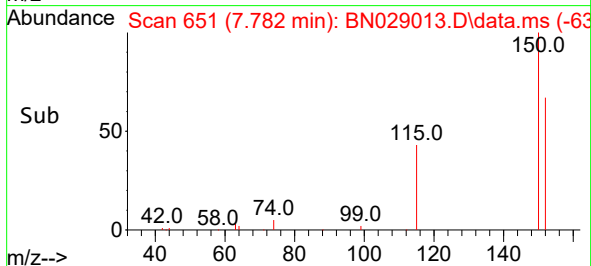
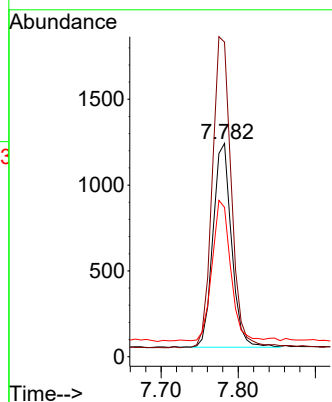
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN029013.D
 Acq: 03 Dec 2023 10:22

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20231109



Tgt Ion:152 Resp: 1978

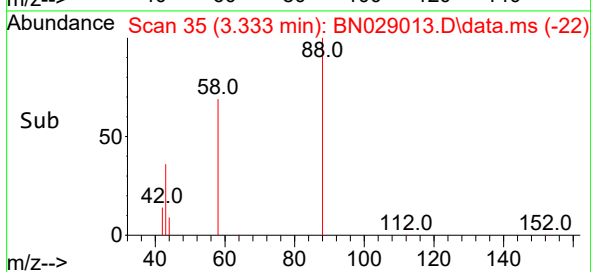
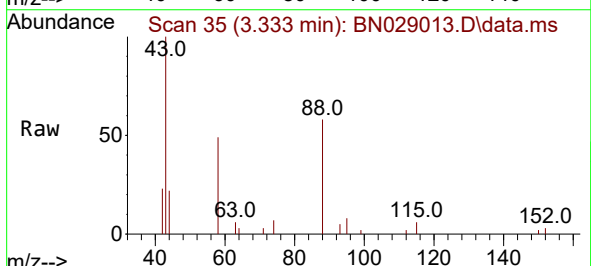
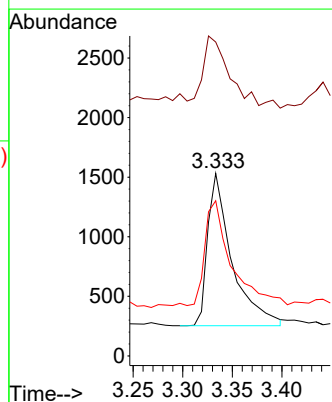
Ion	Ratio	Lower	Upper
152	100		
150	147.5	123.4	185.2
115	70.0	59.1	88.7



#2
 1,4-Dioxane
 Concen: 1.124 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN029013.D
 Acq: 03 Dec 2023 10:22

Tgt Ion: 88 Resp: 2177

Ion	Ratio	Lower	Upper
88	100		
43	53.8	29.9	44.9
58	80.8	55.0	82.4

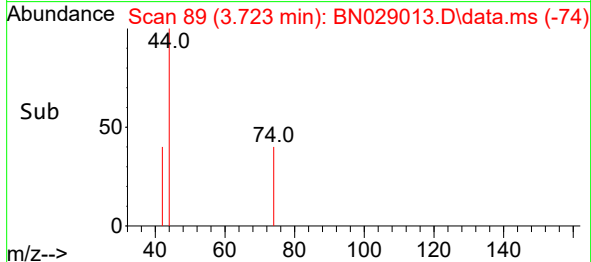
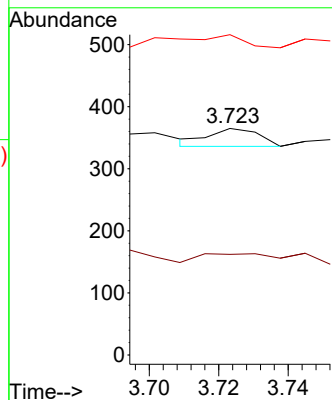
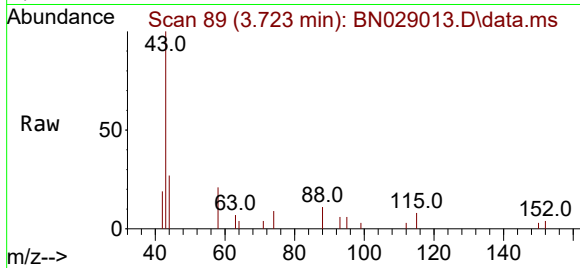




#3
n-Nitrosodimethylamine
Concen: 0.101 ng
RT: 3.723 min Scan# 89
Delta R.T. 0.007 min
Lab File: BN029013.D
Acq: 03 Dec 2023 10:22

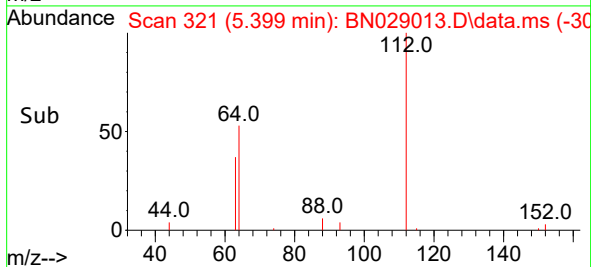
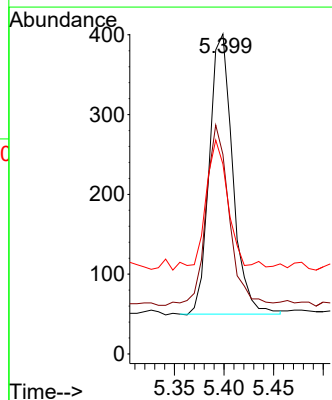
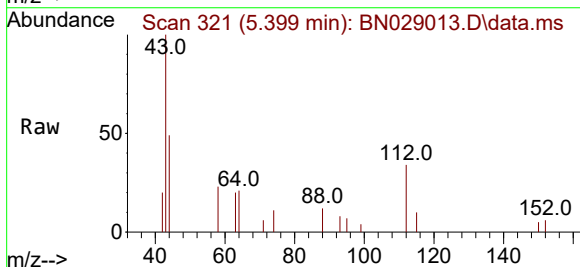
Instrument :
BNA_N
ClientSampleId :
TT172S1-20231109

Tgt Ion: 42 Resp: 29
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.6#
44 165.5 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.095 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN029013.D
Acq: 03 Dec 2023 10:22

Tgt Ion: 112 Resp: 572
Ion Ratio Lower Upper
112 100
64 64.9 51.5 77.3
63 40.6 30.4 45.6

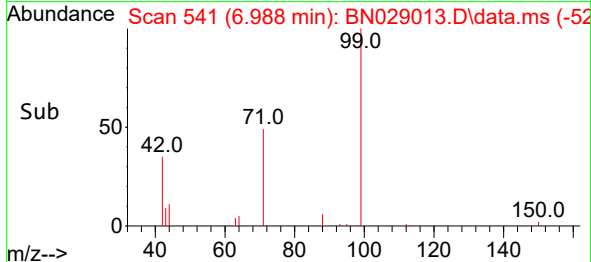
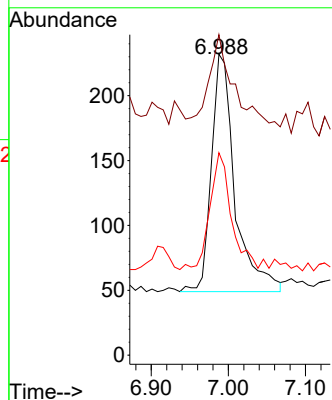
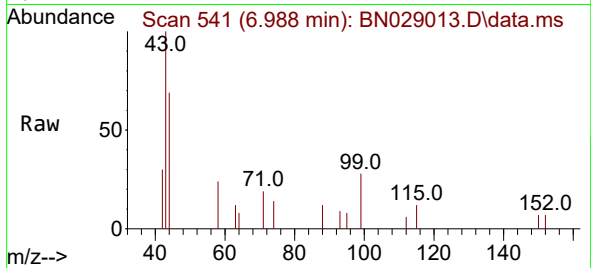




#5
Phenol-d6
Concen: 0.058 ng
RT: 6.988 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN029013.D
Acq: 03 Dec 2023 10:22

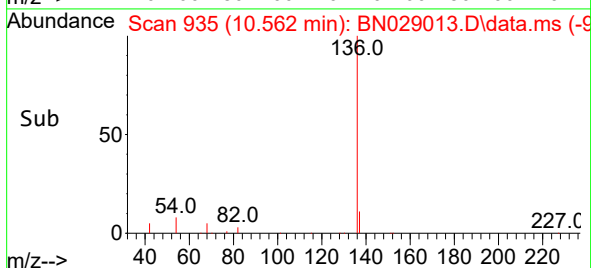
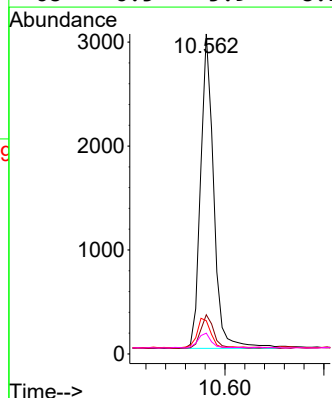
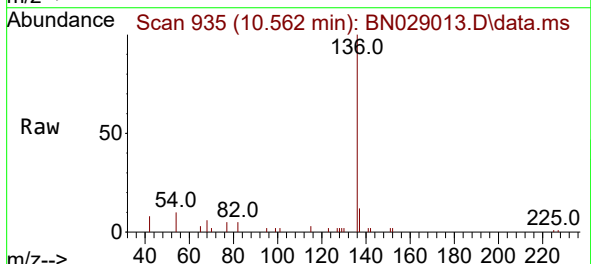
Instrument :
BNA_N
ClientSampleId :
TT172S1-20231109

Tgt Ion: 99 Resp: 387
Ion Ratio Lower Upper
99 100
42 40.3 21.2 31.8#
71 45.5 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN029013.D
Acq: 03 Dec 2023 10:22

Tgt Ion: 136 Resp: 5568
Ion Ratio Lower Upper
136 100
137 12.2 10.6 16.0
54 10.4 7.5 11.3
68 6.5 5.9 8.9

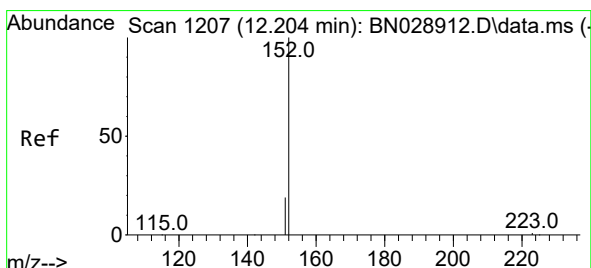
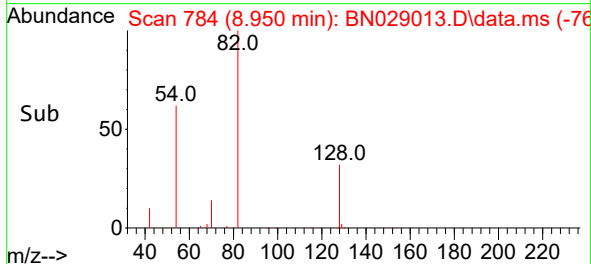
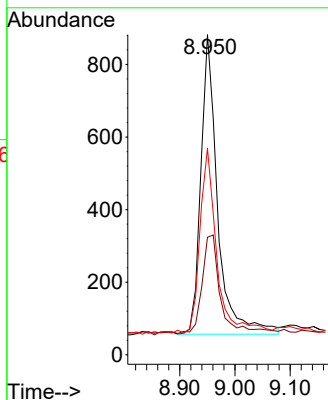
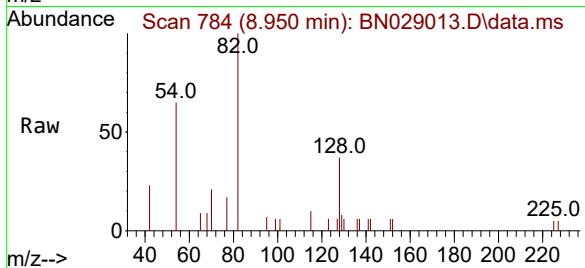




#8
 Nitrobenzene-d5
 Concen: 0.316 ng
 RT: 8.950 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN029013.D
 Acq: 03 Dec 2023 10:22

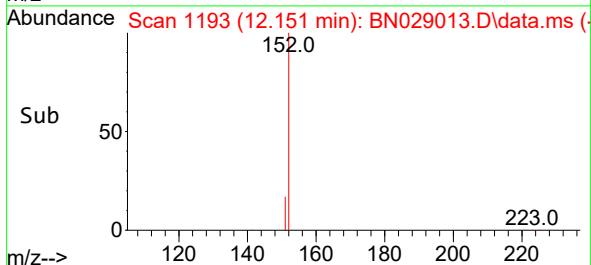
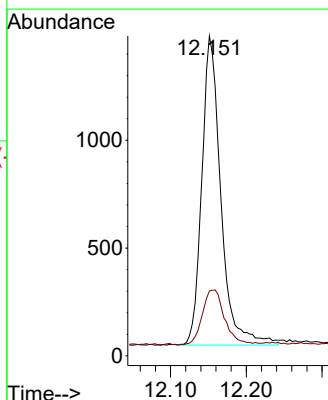
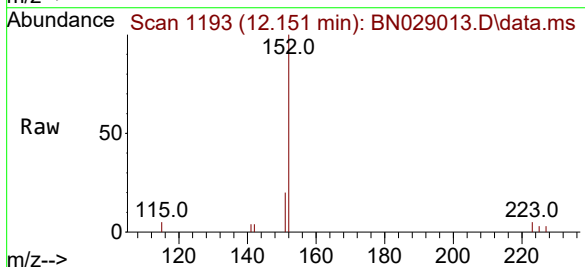
Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20231109

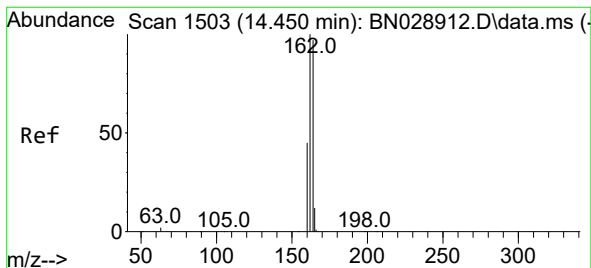
Tgt Ion: 82 Resp: 1749
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.2 43.8
 54 64.5 47.0 70.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.281 ng
 RT: 12.151 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: BN029013.D
 Acq: 03 Dec 2023 10:22

Tgt Ion:152 Resp: 2509
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.407 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN029013.D

Acq: 03 Dec 2023 10:22

Instrument :

BNA_N

ClientSampleId :

TT172S1-20231109

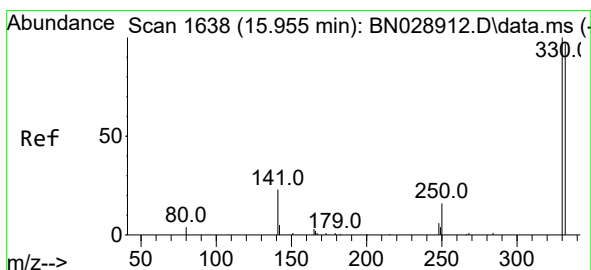
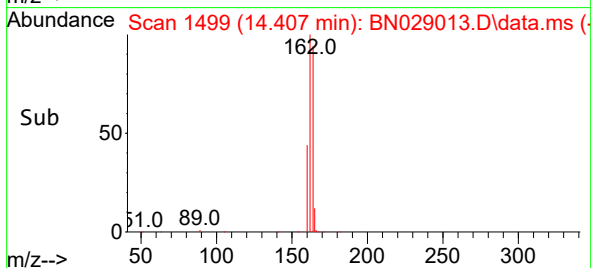
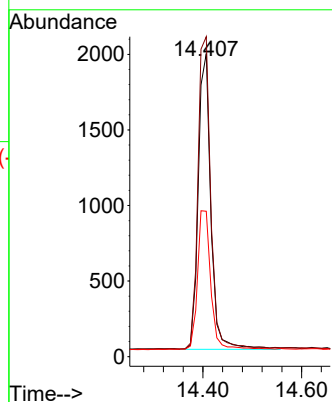
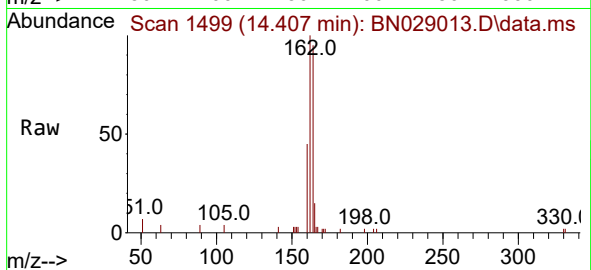
Tgt Ion:164 Resp: 3468

Ion Ratio Lower Upper

164 100

162 105.5 81.7 122.5

160 48.0 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.228 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.000 min

Lab File: BN029013.D

Acq: 03 Dec 2023 10:22

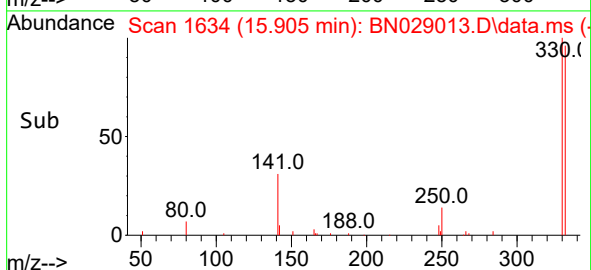
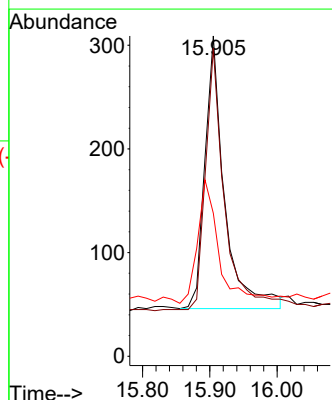
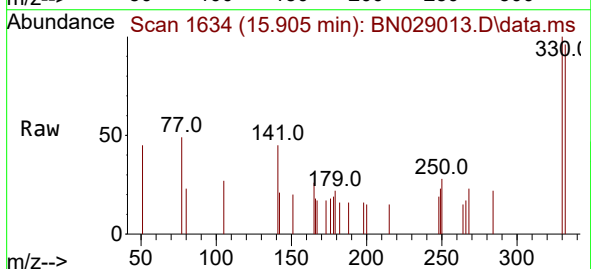
Tgt Ion:330 Resp: 535

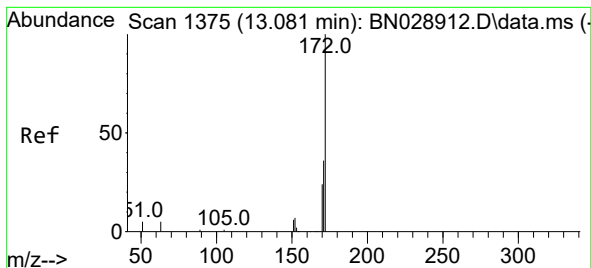
Ion Ratio Lower Upper

330 100

332 91.2 75.4 113.2

141 49.5 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.287 ng

RT: 13.038 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN029013.D

Acq: 03 Dec 2023 10:22

Instrument :

BNA_N

ClientSampleId :

TT172S1-20231109

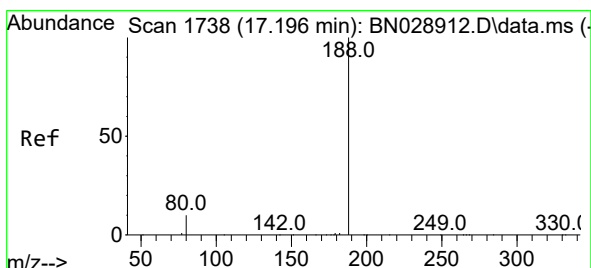
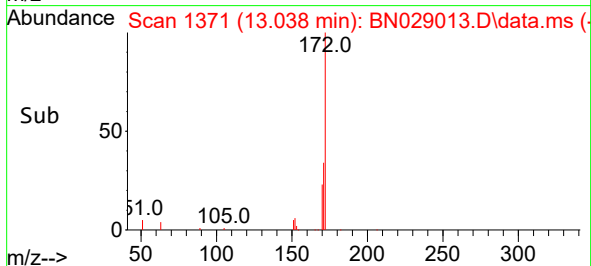
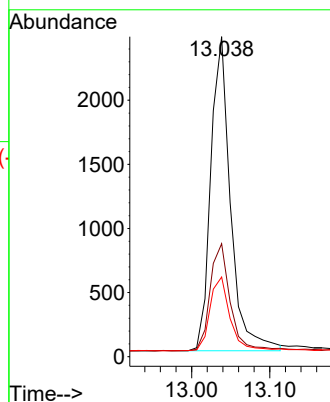
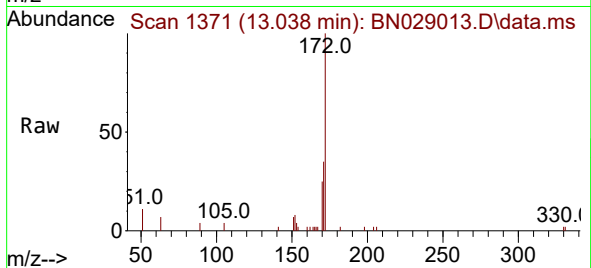
Tgt Ion:172 Resp: 4302

Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.4

170 24.9 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.159 min Scan# 1735

Delta R.T. -0.000 min

Lab File: BN029013.D

Acq: 03 Dec 2023 10:22

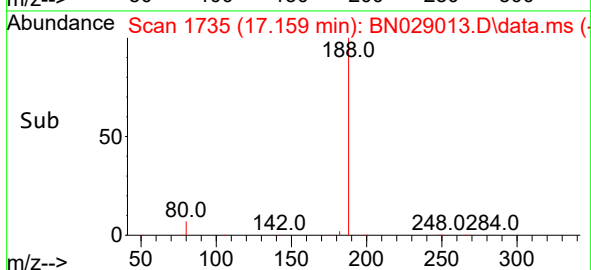
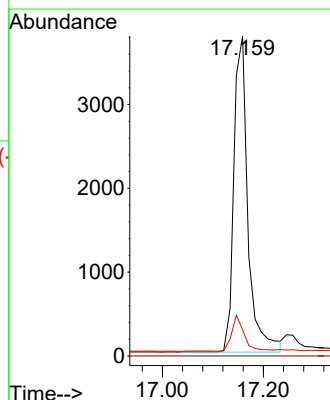
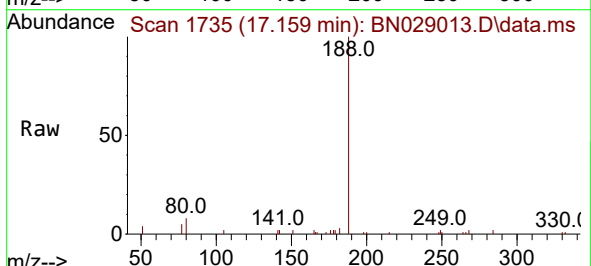
Tgt Ion:188 Resp: 7307

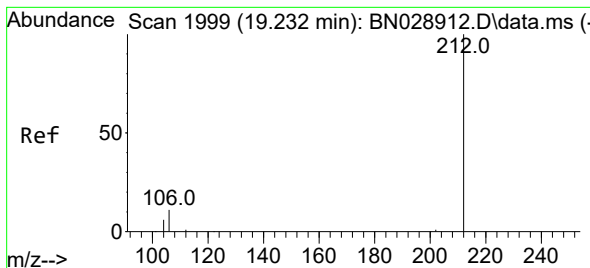
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.2 9.0 13.6#





#27

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.185 min Scan# 1989

Delta R.T. -0.005 min

Lab File: BN029013.D

Acq: 03 Dec 2023 10:22

Instrument :

BNA_N

ClientSampleId :

TT172S1-20231109

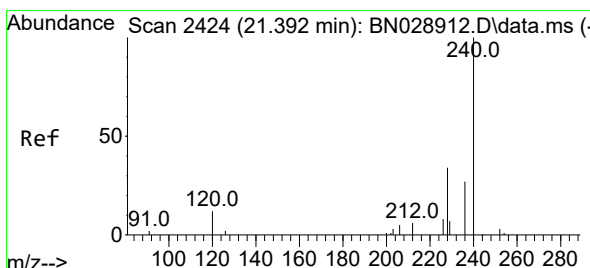
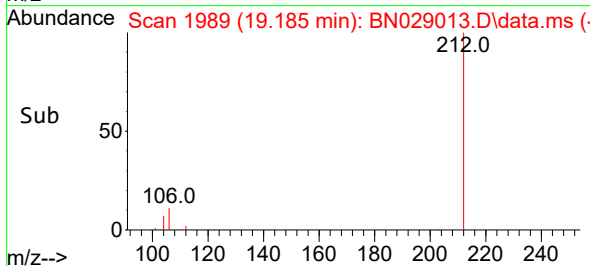
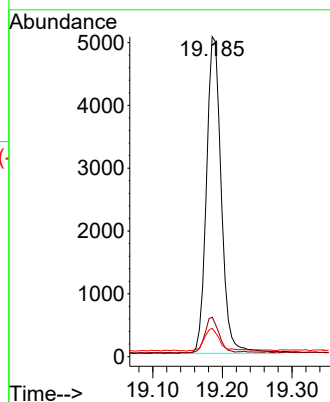
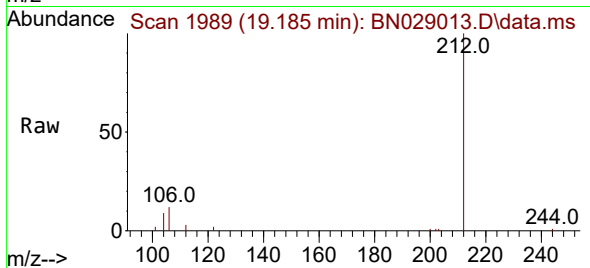
Tgt Ion:212 Resp: 7465

Ion Ratio Lower Upper

212 100

106 10.7 9.4 14.2

104 7.6 6.2 9.2



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. -0.000 min

Lab File: BN029013.D

Acq: 03 Dec 2023 10:22

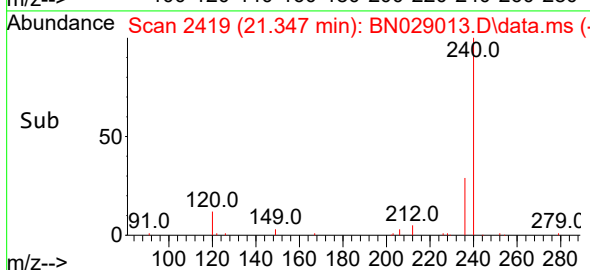
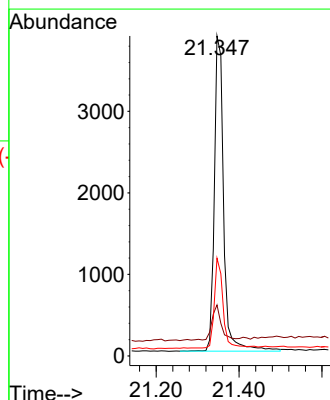
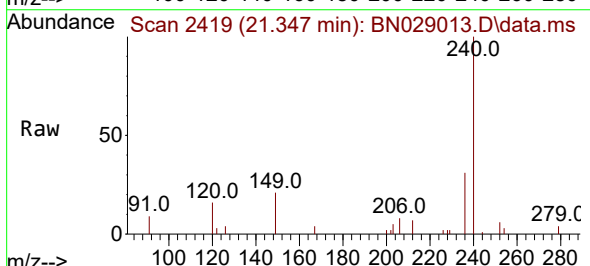
Tgt Ion:240 Resp: 6012

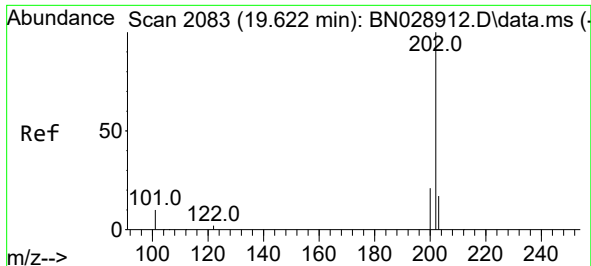
Ion Ratio Lower Upper

240 100

120 15.9 37.1 55.7#

236 30.5 32.4 48.6#





#30

Pyrene

Concen: 0.096 ng

RT: 19.580 min Scan# 20

Delta R.T. -0.000 min

Lab File: BN029013.D

Acq: 03 Dec 2023 10:22

Instrument :

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TT172S1-20231109

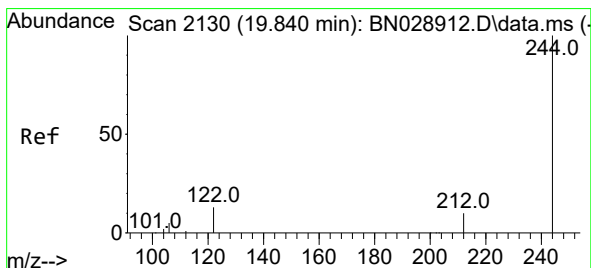
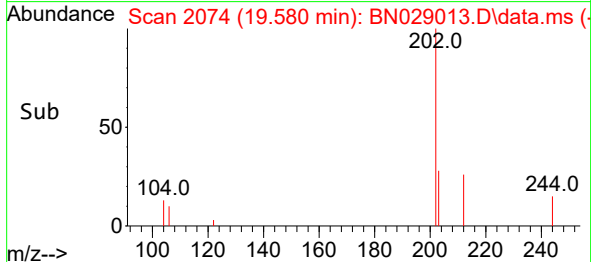
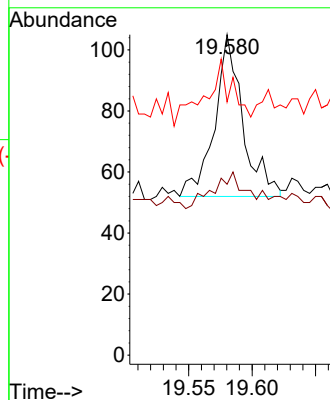
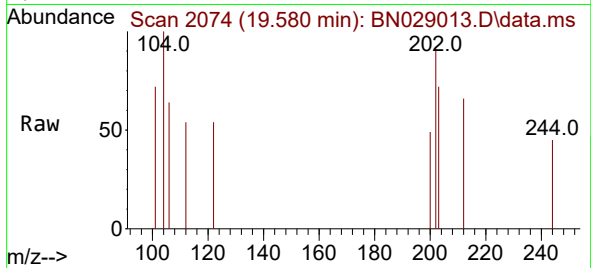
Tgt Ion:202 Resp: 82

Ion Ratio Lower Upper

202 100

200 24.4 16.9 25.3

203 41.5 14.8 22.2#



#31

Terphenyl-d14

Concen: 0.406 ng

RT: 19.794 min Scan# 2120

Delta R.T. -0.000 min

Lab File: BN029013.D

Acq: 03 Dec 2023 10:22

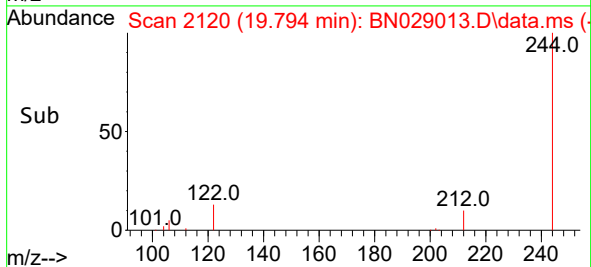
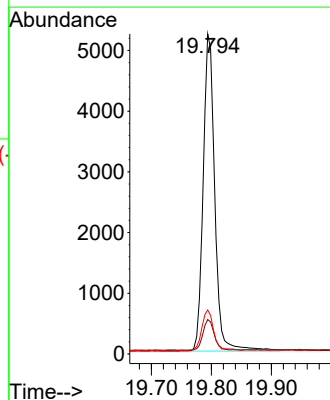
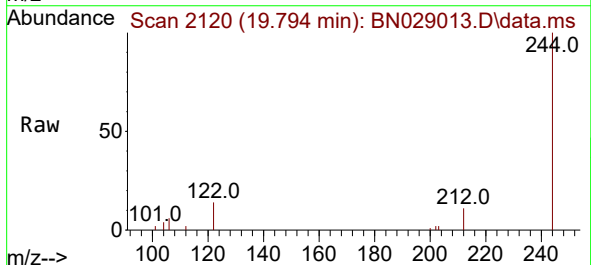
Tgt Ion:244 Resp: 7030

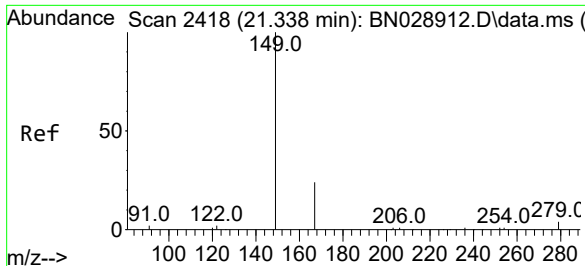
Ion Ratio Lower Upper

244 100

212 10.8 11.5 17.3#

122 13.7 13.2 19.8

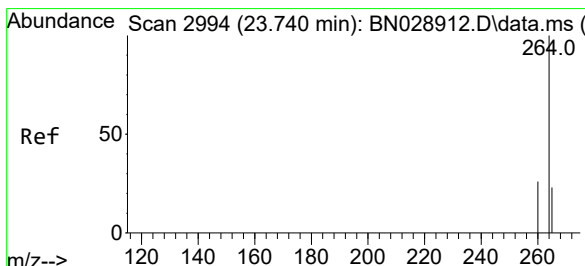
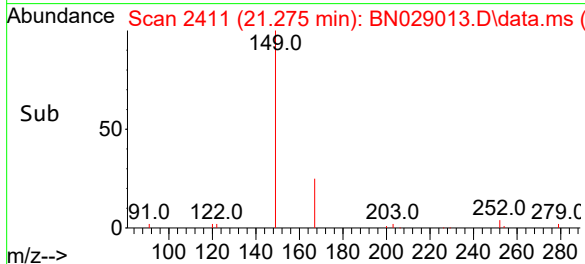
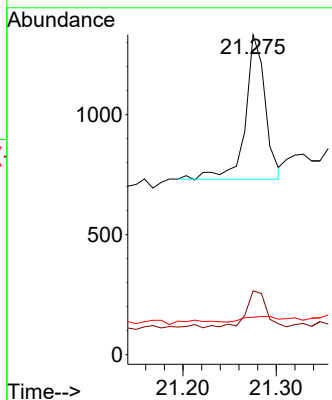
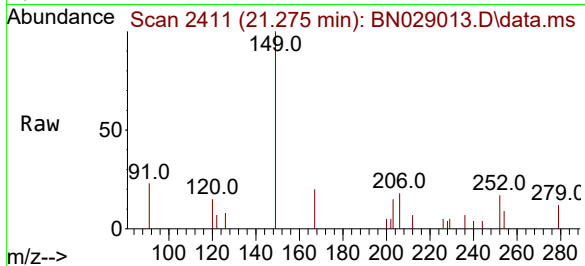




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.275 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BN029013.D
Acq: 03 Dec 2023 10:22

Instrument :
BNA_N
ClientSampleId :
TT172S1-20231109

Tgt Ion:149 Resp: 886
Ion Ratio Lower Upper
149 100
167 26.7 14.9 22.3#
279 8.5 6.3 9.5



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.670 min Scan# 2970
Delta R.T. -0.000 min
Lab File: BN029013.D
Acq: 03 Dec 2023 10:22

Tgt Ion:264 Resp: 5634
Ion Ratio Lower Upper
264 100
260 27.3 20.6 30.8
265 75.1 464.5 696.7#

