

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028984.D
 Acq On : 02 Dec 2023 14:37
 Operator : MA/JU
 Sample : 05404-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20231109

Quant Time: Dec 03 08:14:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

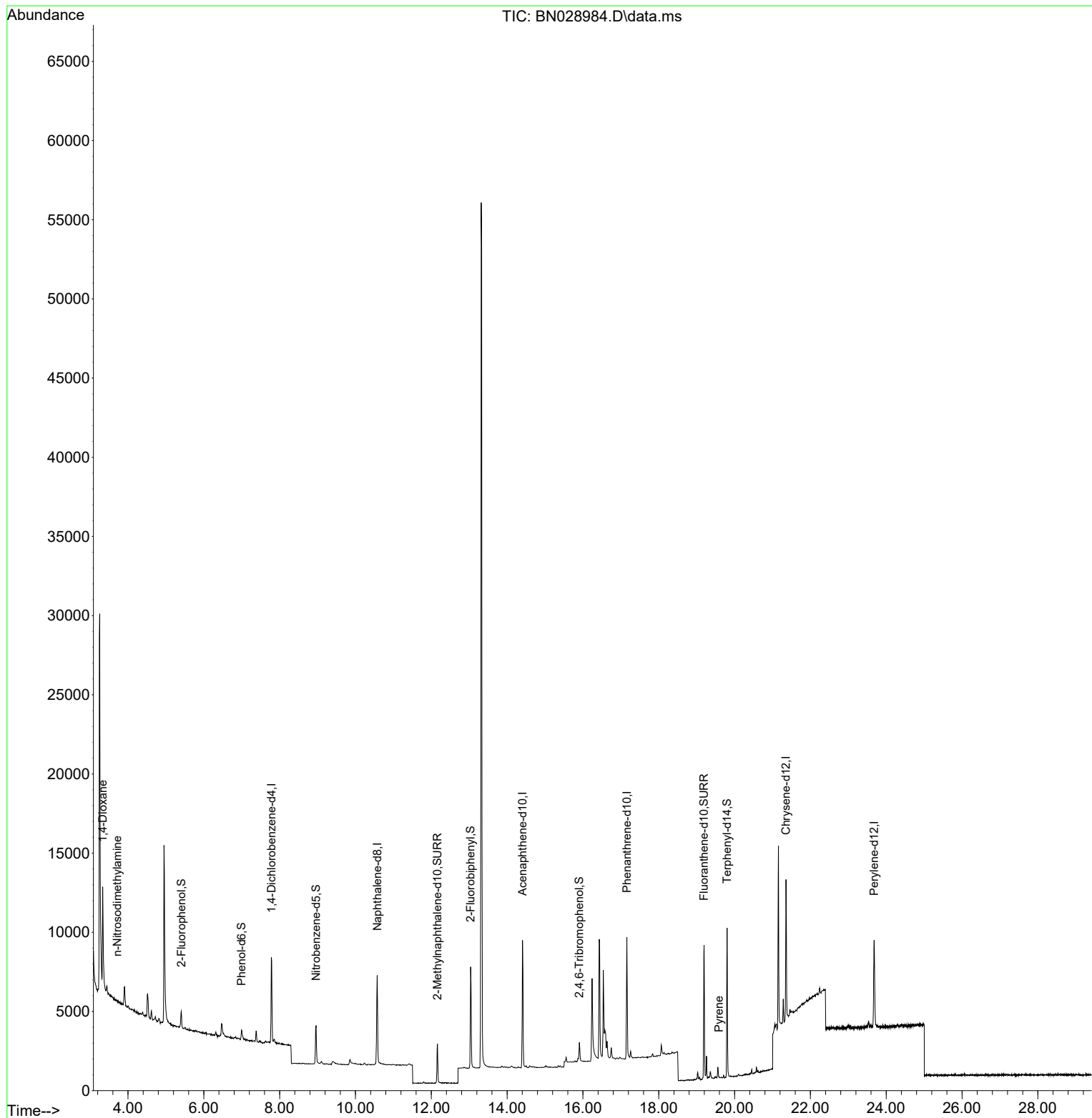
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	2588	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	7539	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	4688	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	10169	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	8189	0.400	ng	#-0.02
35) Perylene-d12	23.681	264	7708	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	763	0.097	ng	0.00
5) Phenol-d6	6.995	99	517	0.059	ng	-0.01
8) Nitrobenzene-d5	8.961	82	2151	0.287	ng	-0.01
11) 2-Methylnaphthalene-d10	12.163	152	3295	0.272	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	757	0.239	ng	-0.01
15) 2-Fluorobiphenyl	13.039	172	5718	0.282	ng	-0.01
27) Fluoranthene-d10	19.195	212	9875	0.369	ng	-0.01
31) Terphenyl-d14	19.803	244	9202	0.396	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	4314	1.702	ng	# 93
3) n-Nitrosodimethylamine	3.716	42	56	0.105	ng	# 46
30) Pyrene	19.590	202	58	0.095	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.284	149	1205	Below Cal		# 76

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

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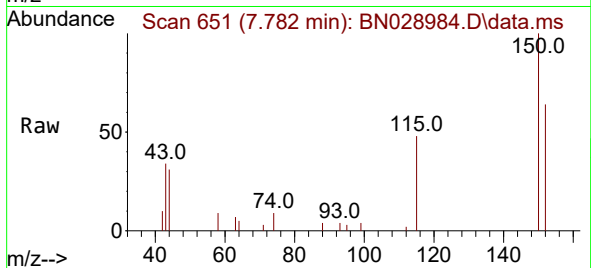
Quant Time: Dec 03 08:14:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



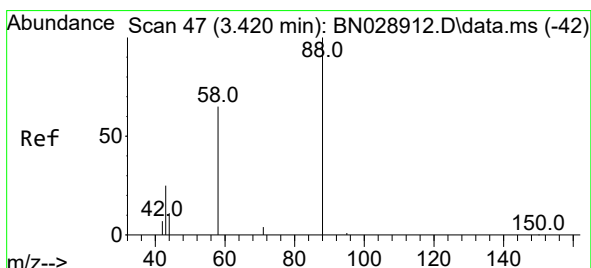
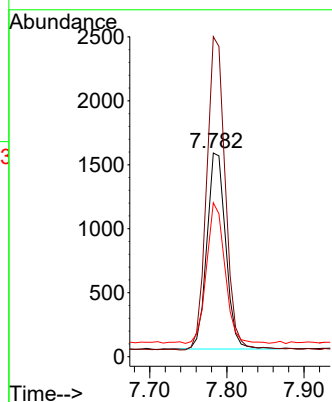
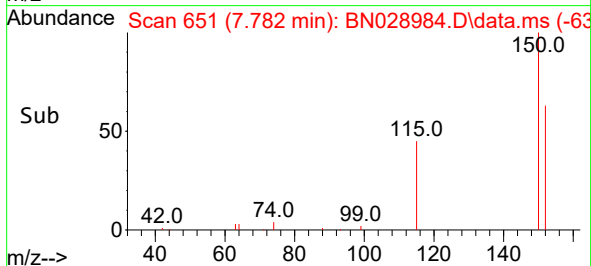


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN028984.D
 Acq: 02 Dec 2023 14:37

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20231109

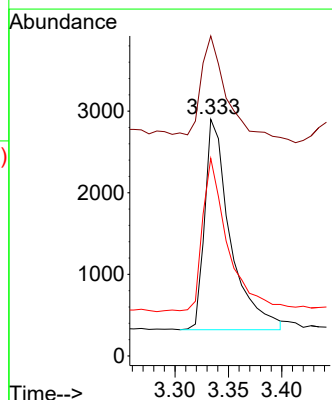
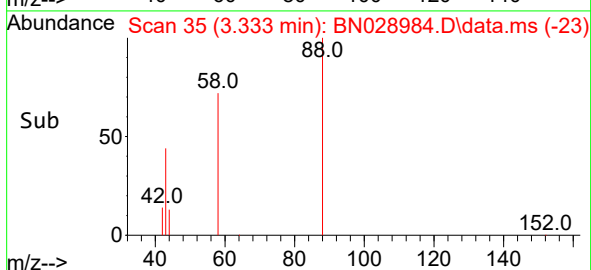
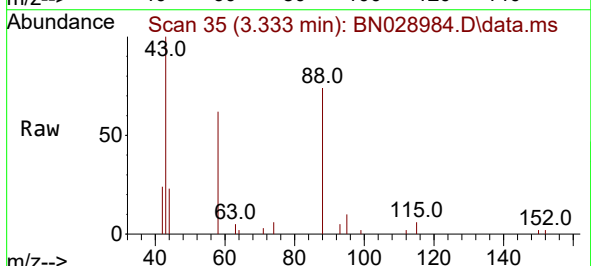


Tgt Ion:152 Resp: 2588
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.4 185.2
 115 75.6 59.1 88.7



#2
 1,4-Dioxane
 Concen: 1.702 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.014 min
 Lab File: BN028984.D
 Acq: 02 Dec 2023 14:37

Tgt Ion: 88 Resp: 4314
 Ion Ratio Lower Upper
 88 100
 43 45.9 29.9 44.9#
 58 71.4 55.0 82.4

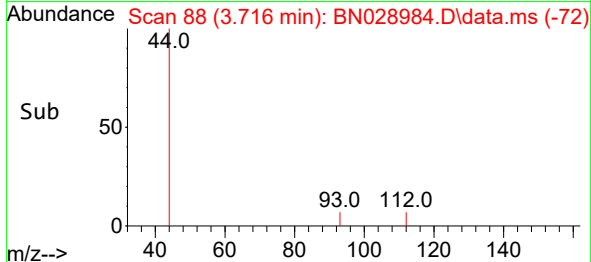
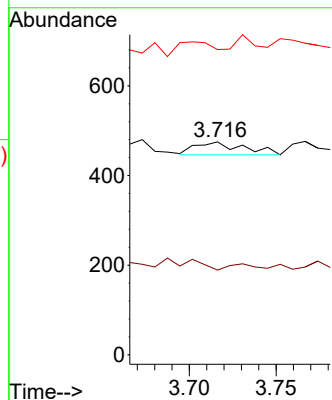
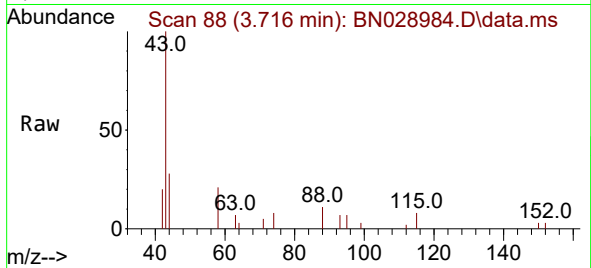




#3
n-Nitrosodimethylamine
Concen: 0.105 ng
RT: 3.716 min Scan# 81
Delta R.T. 0.014 min
Lab File: BN028984.D
Acq: 02 Dec 2023 14:37

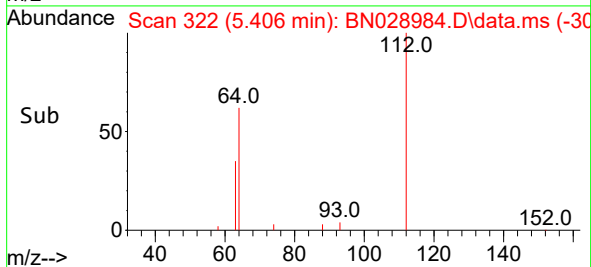
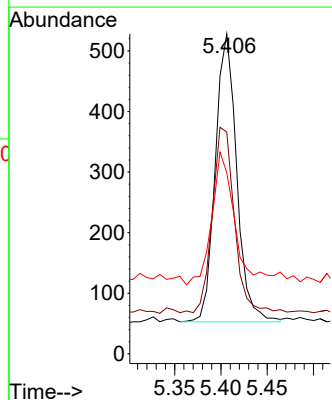
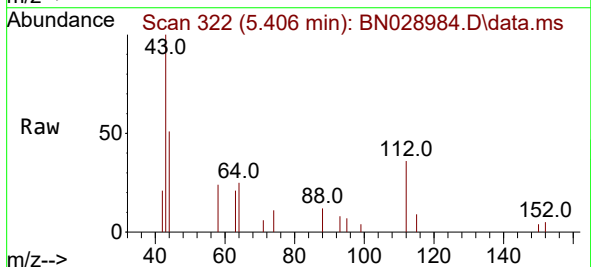
Instrument :
BNA_N
ClientSampleId :
RE134D4-20231109

Tgt Ion: 42 Resp: 56
Ion Ratio Lower Upper
42 100
74 26.8 57.0 85.6#
44 37.5 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN028984.D
Acq: 02 Dec 2023 14:37

Tgt Ion: 112 Resp: 763
Ion Ratio Lower Upper
112 100
64 66.6 51.5 77.3
63 52.4 30.4 45.6#

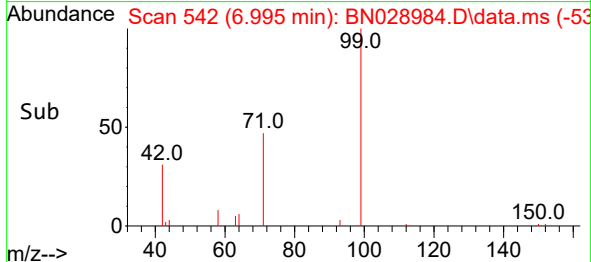
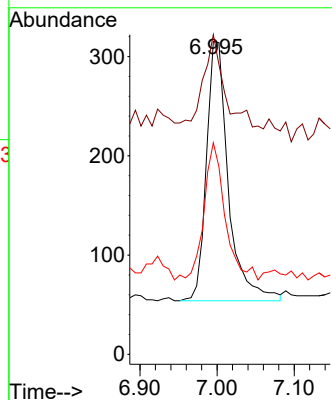
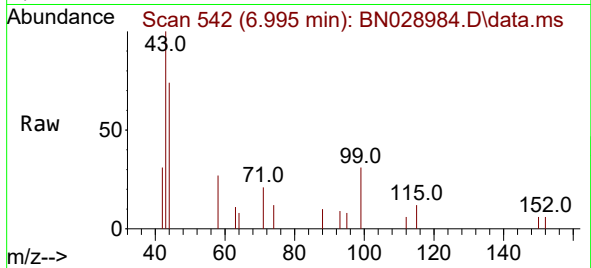




#5
Phenol-d6
Concen: 0.059 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN028984.D
Acq: 02 Dec 2023 14:37

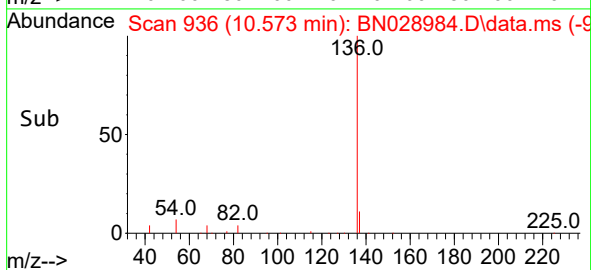
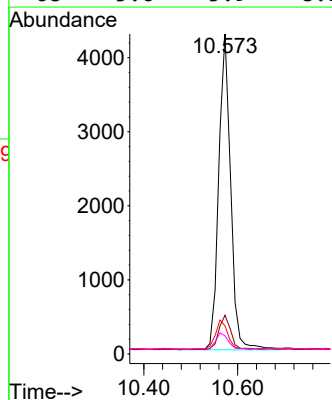
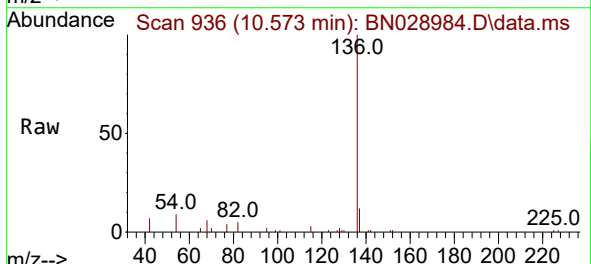
Instrument :
BNA_N
ClientSampleId :
RE134D4-20231109

Tgt Ion: 99 Resp: 517
Ion Ratio Lower Upper
99 100
42 35.0 21.2 31.8#
71 49.9 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN028984.D
Acq: 02 Dec 2023 14:37

Tgt Ion: 136 Resp: 7539
Ion Ratio Lower Upper
136 100
137 12.1 10.6 16.0
54 8.8 7.5 11.3
68 5.6 5.9 8.9#

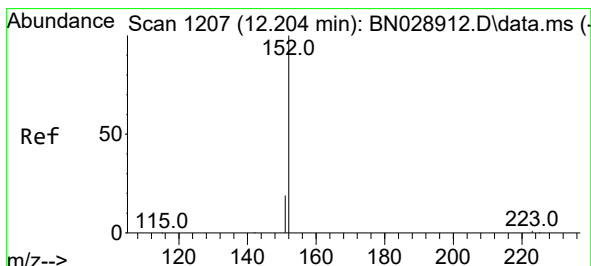
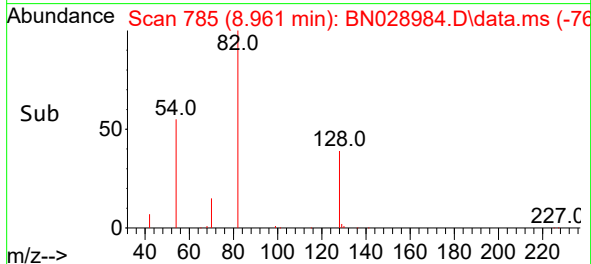
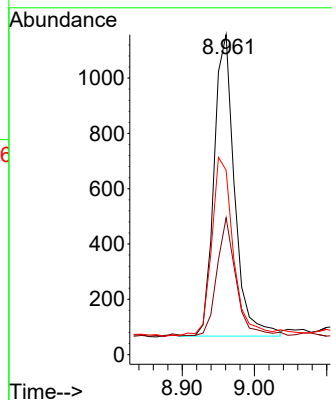
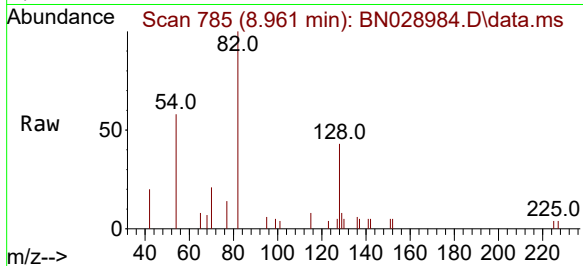




#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.961 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN028984.D
Acq: 02 Dec 2023 14:37

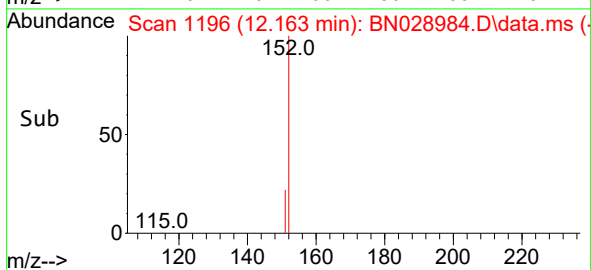
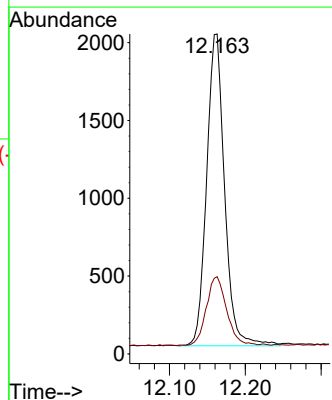
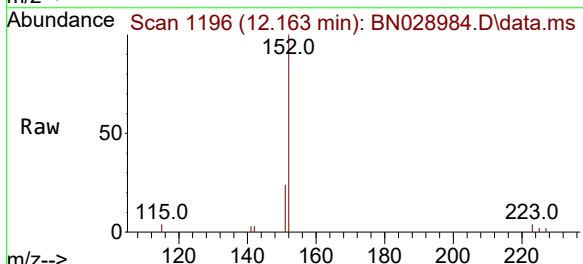
Instrument :
BNA_N
ClientSampleId :
RE134D4-20231109

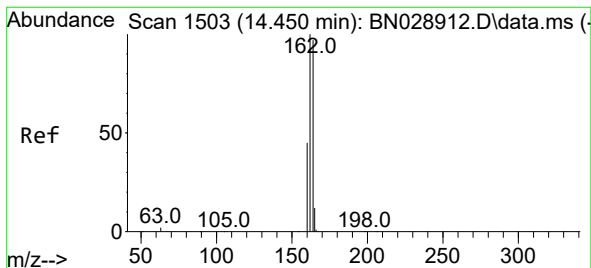
Tgt Ion: 82 Resp: 2151
Ion Ratio Lower Upper
82 100
128 42.8 29.2 43.8
54 57.6 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 12.163 min Scan# 1196
Delta R.T. -0.008 min
Lab File: BN028984.D
Acq: 02 Dec 2023 14:37

Tgt Ion:152 Resp: 3295
Ion Ratio Lower Upper
152 100
151 25.0 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.407 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN028984.D

Acq: 02 Dec 2023 14:37

Instrument :

BNA_N

ClientSampleId :

RE134D4-20231109

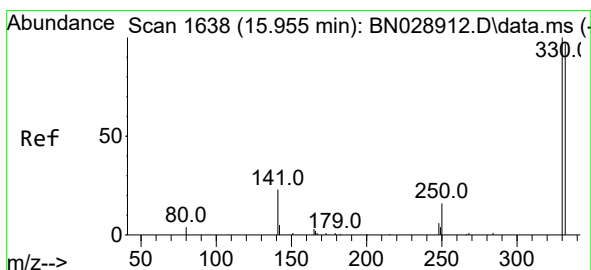
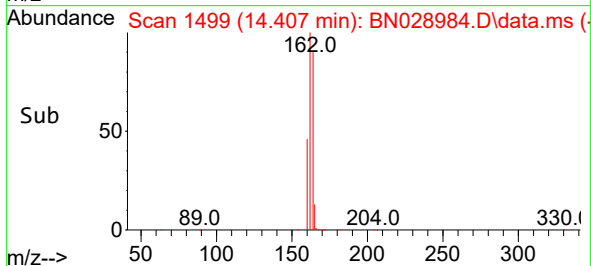
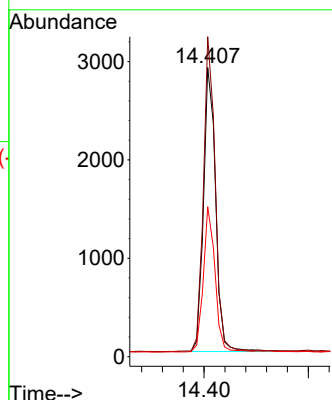
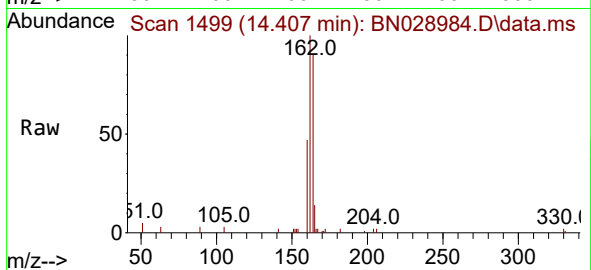
Tgt Ion:164 Resp: 4688

Ion Ratio Lower Upper

164 100

162 110.7 81.7 122.5

160 51.9 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.239 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.012 min

Lab File: BN028984.D

Acq: 02 Dec 2023 14:37

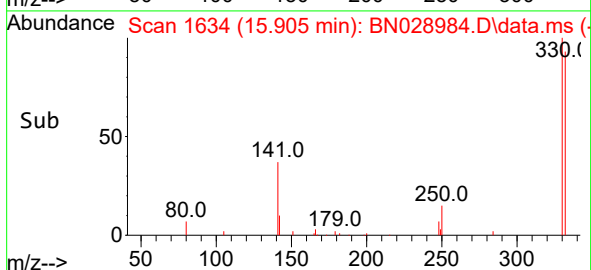
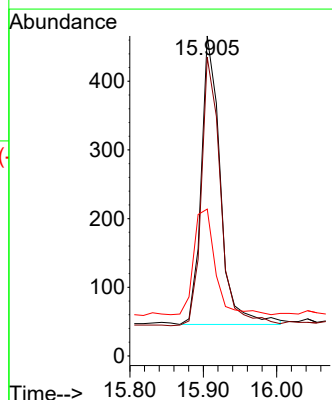
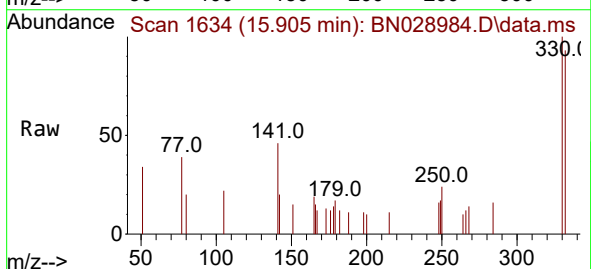
Tgt Ion:330 Resp: 757

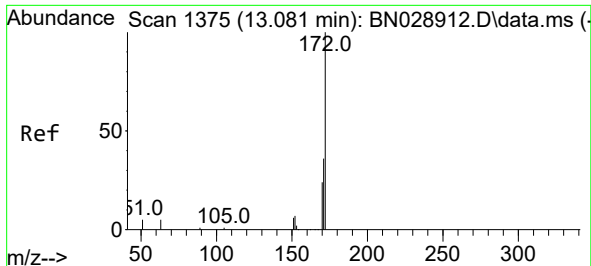
Ion Ratio Lower Upper

330 100

332 94.1 75.4 113.2

141 41.1 35.7 53.5

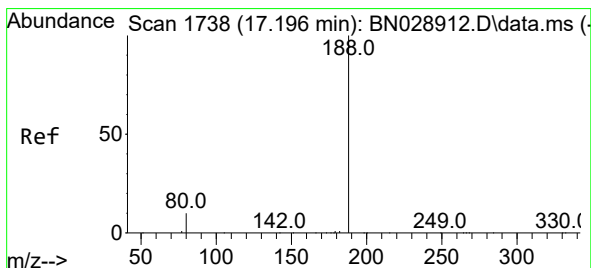
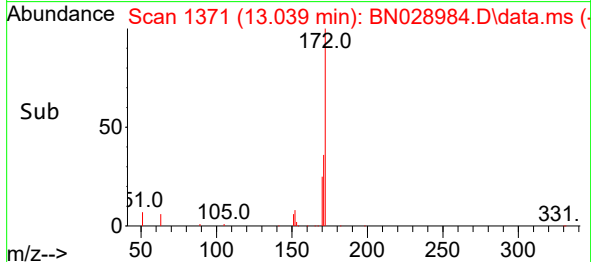
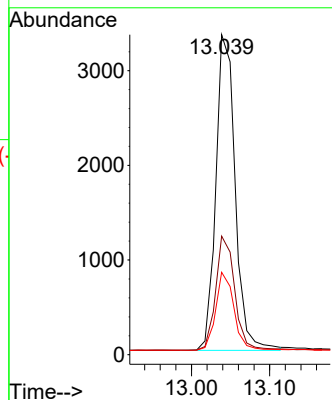
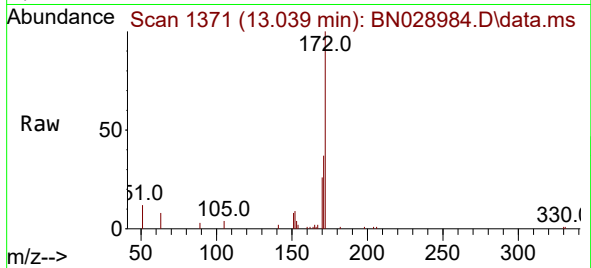




#15
2-Fluorobiphenyl
Concen: 0.282 ng
RT: 13.039 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028984.D
Acq: 02 Dec 2023 14:37

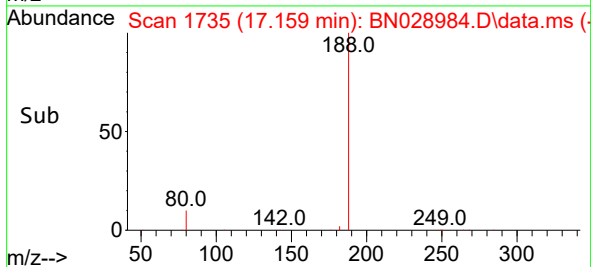
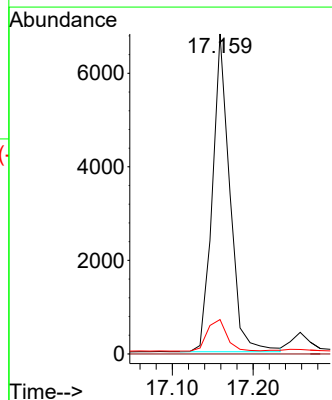
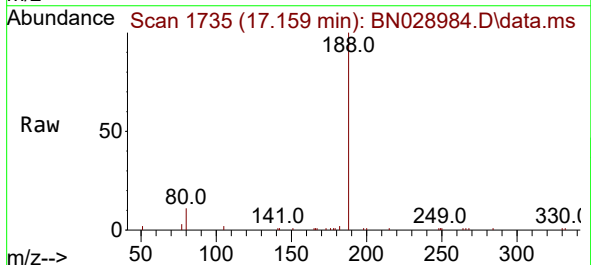
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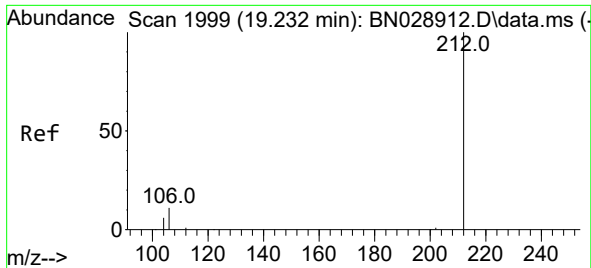
Tgt Ion:172 Resp: 5718
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.4
170 25.7 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.012 min
Lab File: BN028984.D
Acq: 02 Dec 2023 14:37

Tgt Ion:188 Resp: 10169
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 9.0 13.6

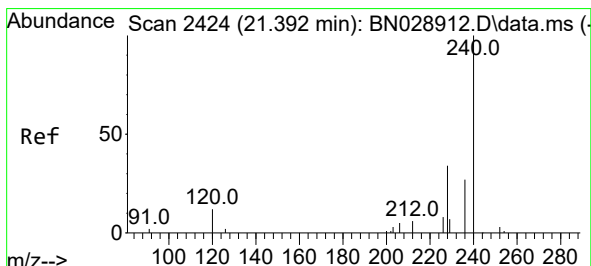
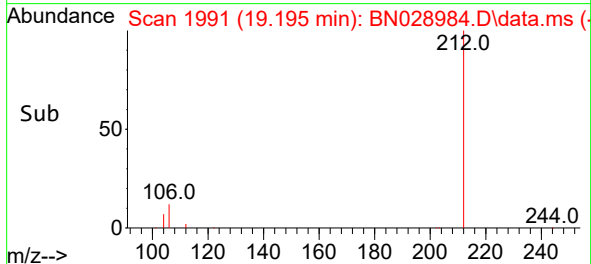
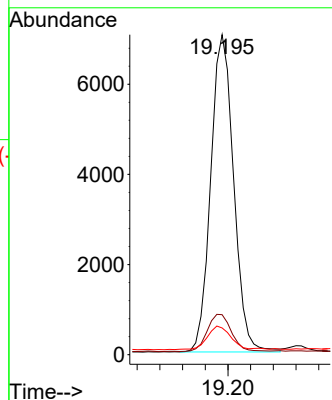
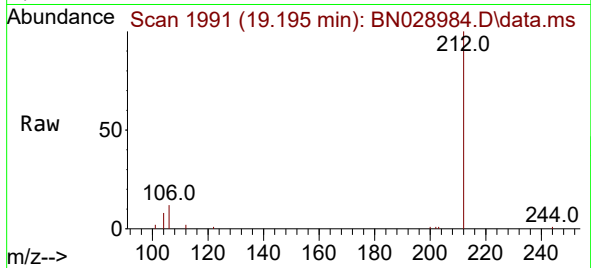




#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.195 min Scan# 1991
Delta R.T. -0.014 min
Lab File: BN028984.D
Acq: 02 Dec 2023 14:37

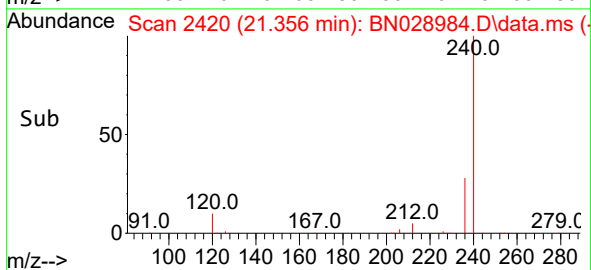
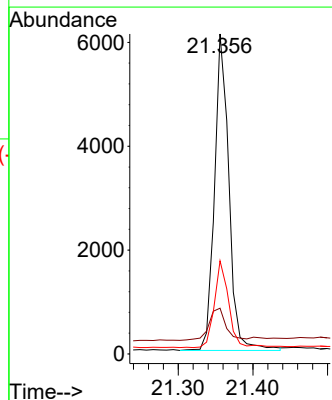
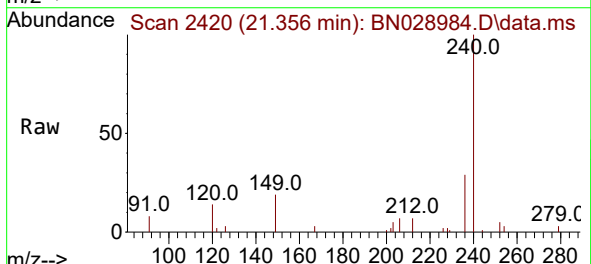
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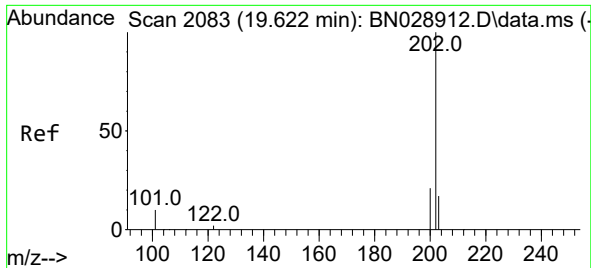
Tgt Ion:212 Resp: 9875
Ion Ratio Lower Upper
212 100
106 12.4 9.4 14.2
104 8.0 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.356 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BN028984.D
Acq: 02 Dec 2023 14:37

Tgt Ion:240 Resp: 8189
Ion Ratio Lower Upper
240 100
120 14.3 37.1 55.7#
236 29.1 32.4 48.6#

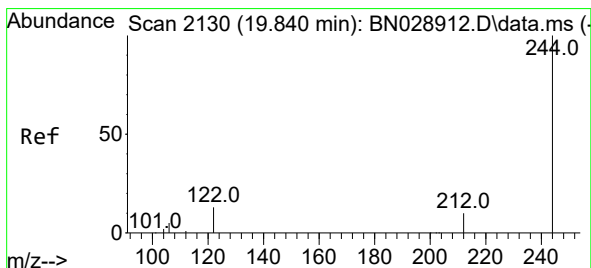
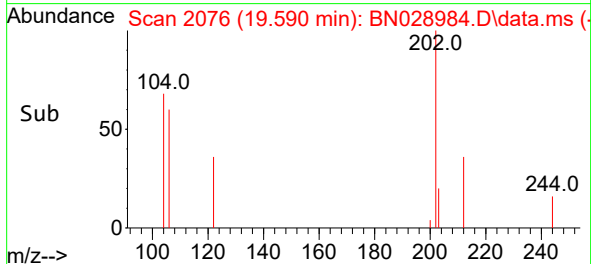
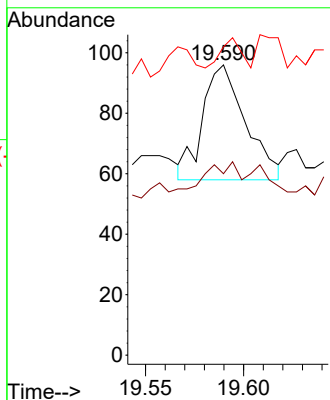
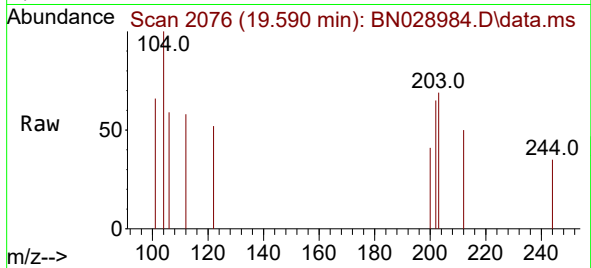




#30
Pyrene
Concen: 0.095 ng
RT: 19.590 min Scan# 2083
Delta R.T. -0.014 min
Lab File: BN028984.D
Acq: 02 Dec 2023 14:37

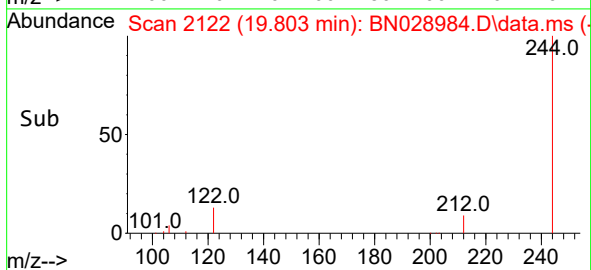
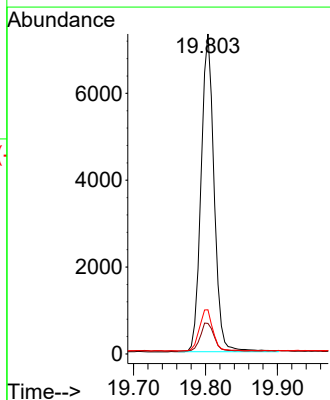
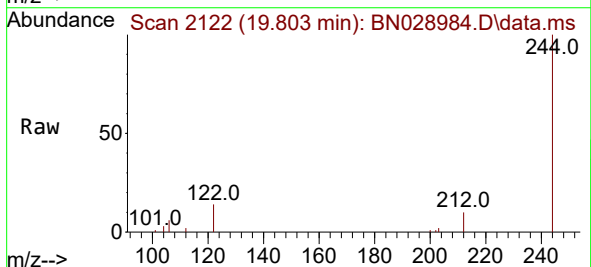
Instrument :
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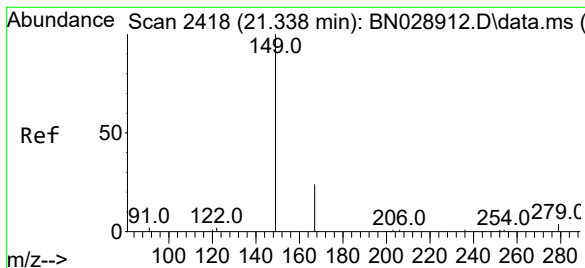
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Ion Ratio Lower Upper
202 100
200 15.5 16.9 25.3#
203 12.1 14.8 22.2#



#31
Terphenyl-d14
Concen: 0.396 ng
RT: 19.803 min Scan# 2122
Delta R.T. -0.014 min
Lab File: BN028984.D
Acq: 02 Dec 2023 14:37

Tgt Ion:244 Resp: 9202
Ion Ratio Lower Upper
244 100
212 9.6 11.5 17.3#
122 13.8 13.2 19.8

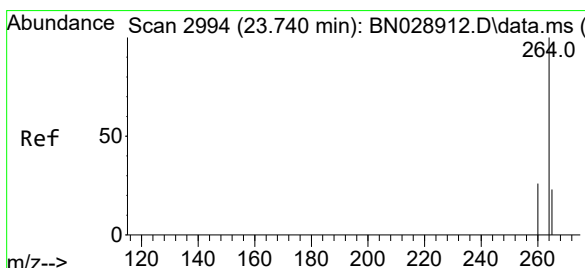
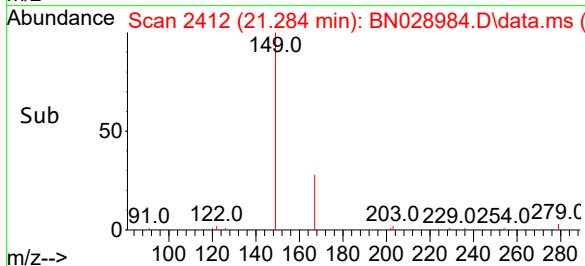
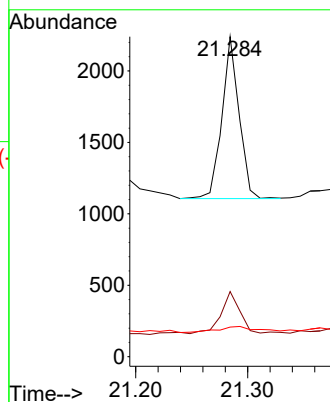
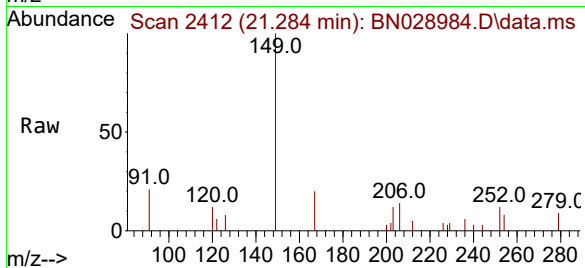




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.284 min Scan# 2412
Delta R.T. -0.018 min
Lab File: BN028984.D
Acq: 02 Dec 2023 14:37

Instrument :
BNA_N
ClientSampleId :
RE134D4-20231109

Tgt Ion:149 Resp: 1205
Ion Ratio Lower Upper
149 100
167 33.4 14.9 22.3#
279 9.0 6.3 9.5



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.681 min Scan# 2974
Delta R.T. -0.026 min
Lab File: BN028984.D
Acq: 02 Dec 2023 14:37

Tgt Ion:264 Resp: 7708
Ion Ratio Lower Upper
264 100
260 26.8 20.6 30.8
265 72.6 464.5 696.7#

