

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029035.D
 Acq On : 04 Dec 2023 00:39
 Operator : MA/JU
 Sample : 05428-01
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20231113

Quant Time: Dec 04 02:23:48 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)

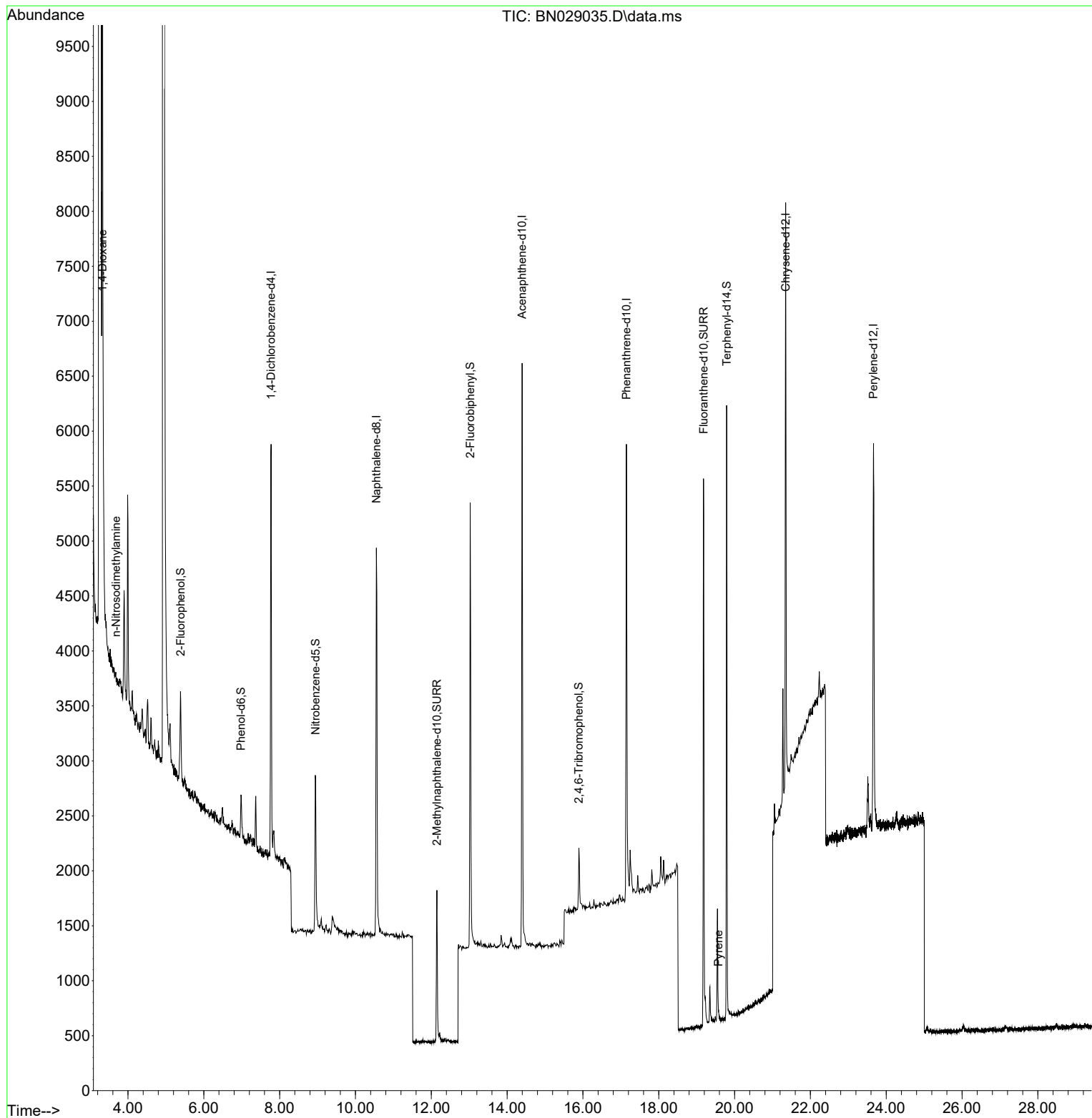
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	1836	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	5102	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	3059	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	6483	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	5270	0.400	ng	# 0.00
35) Perylene-d12	23.664	264	5081	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	578	0.104	ng	0.00
5) Phenol-d6	6.980	99	347	0.056	ng	0.00
8) Nitrobenzene-d5	8.950	82	1425	0.281	ng	0.00
11) 2-Methylnaphthalene-d10	12.147	152	2083	0.254	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	410	0.198	ng	-0.01
15) 2-Fluorobiphenyl	13.028	172	3673	0.278	ng	-0.01
27) Fluoranthene-d10	19.181	212	6067	0.356	ng	0.00
31) Terphenyl-d14	19.794	244	5726	0.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	5453	3.033	ng	# 90
3) n-Nitrosodimethylamine	3.687	42	17	0.097	ng	# 14
30) Pyrene	19.576	202	92	0.096	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.275	149	1207	Below Cal		# 89

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

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Quant Time: Dec 04 02:23:48 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

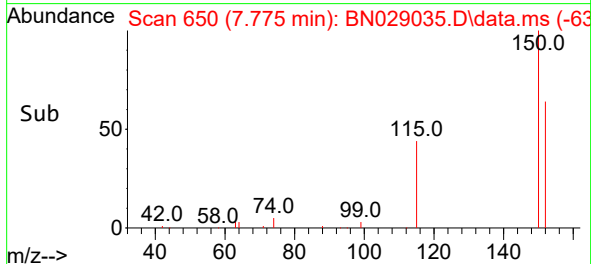
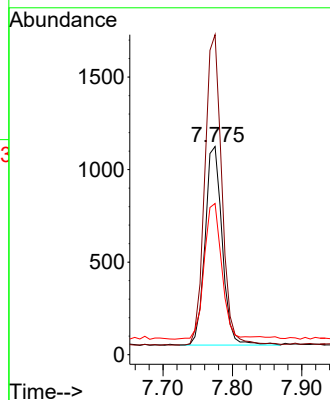
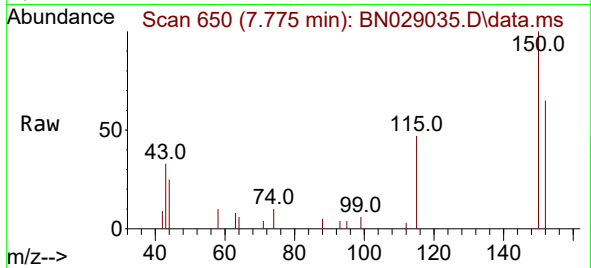




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

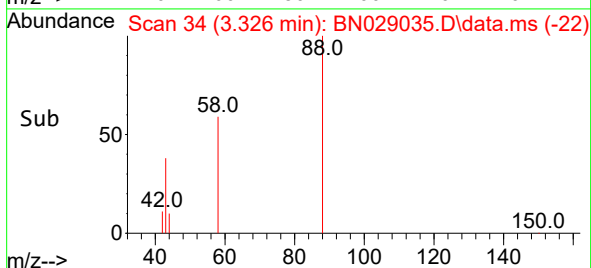
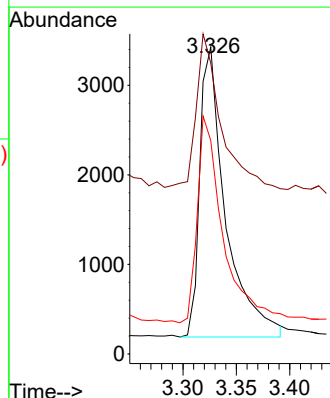
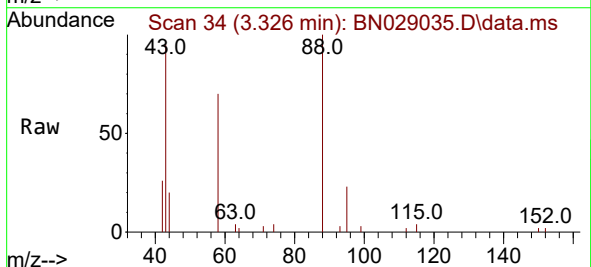
Instrument :
BNA_N
ClientSampleId :
RE120D2-20231113

Tgt Ion:152 Resp: 1836
Ion Ratio Lower Upper
152 100
150 153.7 123.4 185.2
115 72.6 59.1 88.7



#2
1,4-Dioxane
Concen: 3.033 ng
RT: 3.326 min Scan# 34
Delta R.T. -0.015 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

Tgt Ion: 88 Resp: 5453
Ion Ratio Lower Upper
88 100
43 50.6 29.9 44.9#
58 71.1 55.0 82.4

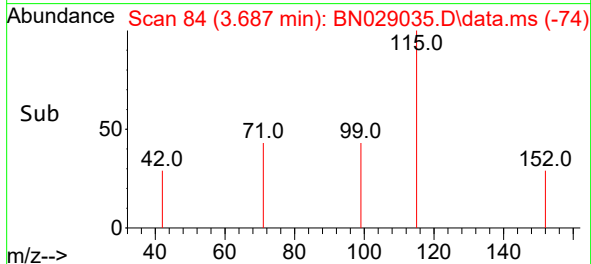
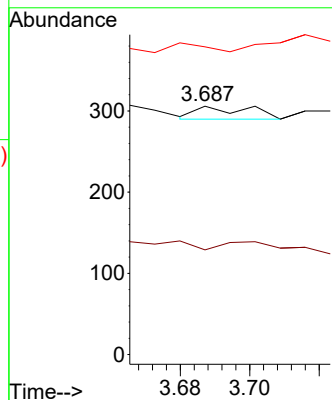
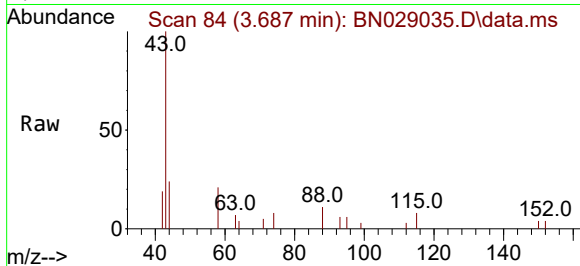




#3
n-Nitrosodimethylamine
Concen: 0.097 ng
RT: 3.687 min Scan# 84
Delta R.T. -0.029 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

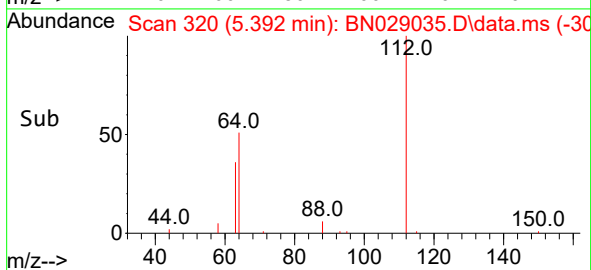
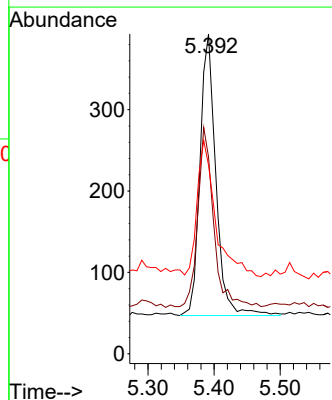
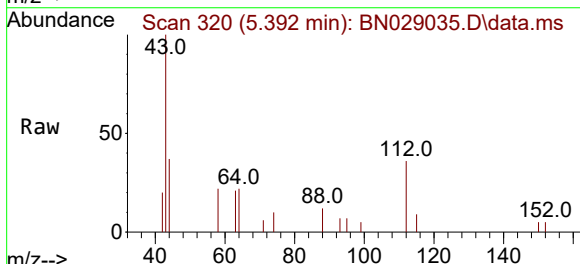
Instrument :
BNA_N
ClientSampleId :
RE120D2-20231113

Tgt Ion: 42 Resp: 17
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.6#
44 52.9 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

Tgt Ion: 112 Resp: 578
Ion Ratio Lower Upper
112 100
64 62.6 51.5 77.3
63 56.1 30.4 45.6#

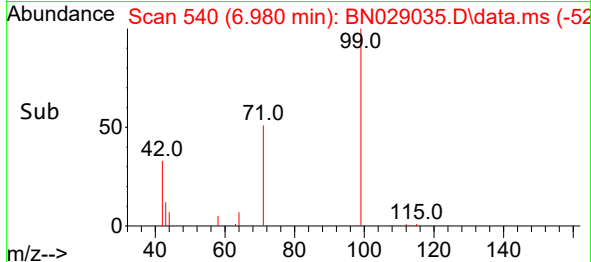
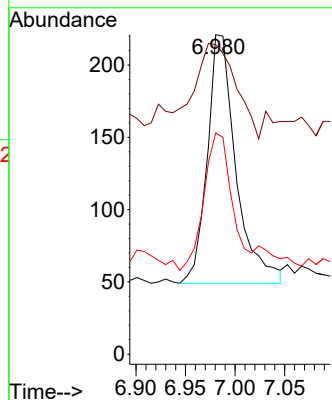
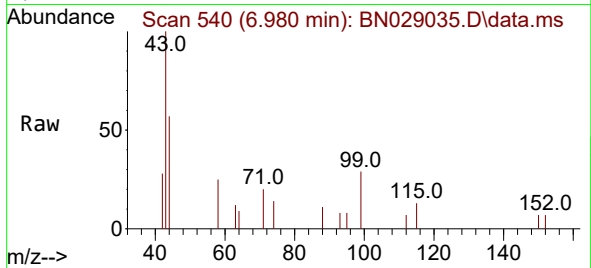




#5
Phenol-d6
Concen: 0.056 ng
RT: 6.980 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

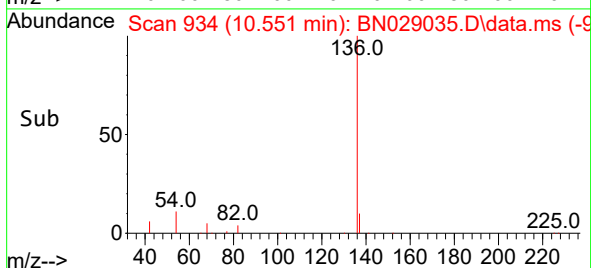
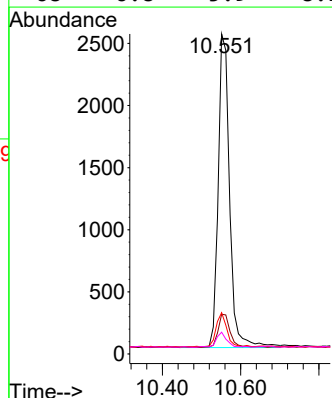
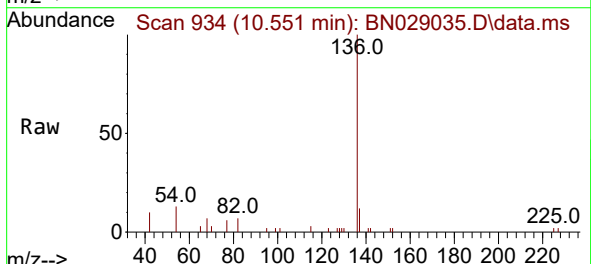
Instrument :
BNA_N
ClientSampleId :
RE120D2-20231113

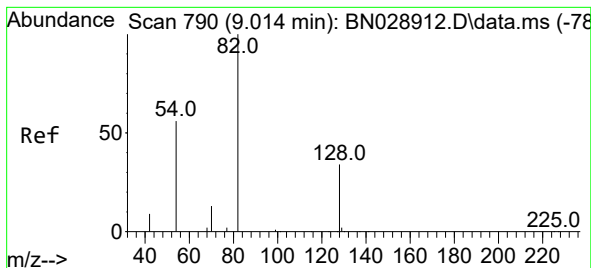
Tgt Ion: 99 Resp: 347
Ion Ratio Lower Upper
99 100
42 55.3 21.2 31.8#
71 53.9 35.4 53.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.551 min Scan# 934
Delta R.T. -0.011 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

Tgt Ion: 136 Resp: 5102
Ion Ratio Lower Upper
136 100
137 12.4 10.6 16.0
54 12.9 7.5 11.3#
68 6.8 5.9 8.9





#8

Nitrobenzene-d5

Concen: 0.281 ng

RT: 8.950 min Scan# 71

Delta R.T. -0.000 min

Lab File: BN029035.D

Acq: 04 Dec 2023 00:39

Instrument :

BNA_N

ClientSampleId :

RE120D2-20231113

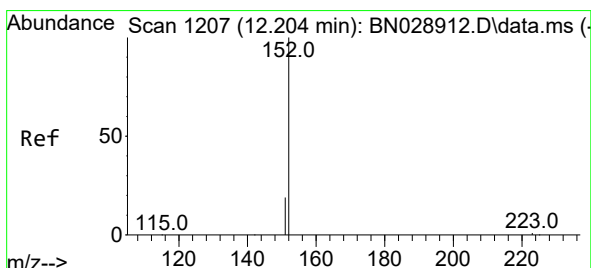
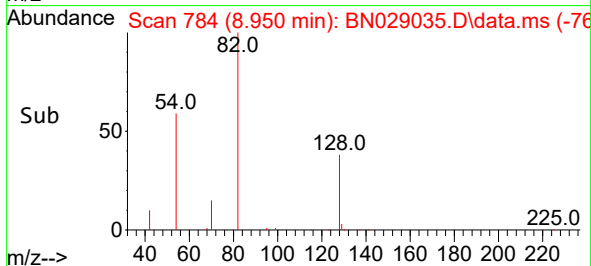
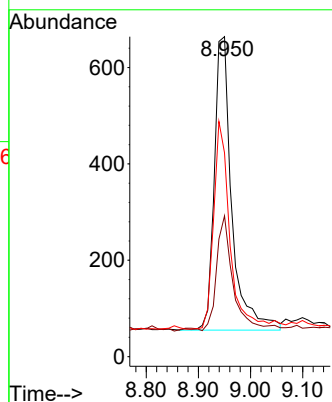
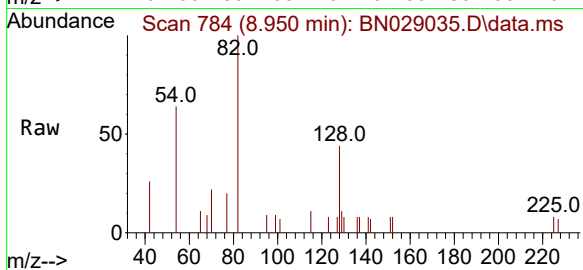
Tgt Ion: 82 Resp: 1425

Ion Ratio Lower Upper

82 100

128 44.0 29.2 43.8#

54 63.7 47.0 70.6



#11

2-Methylnaphthalene-d10

Concen: 0.254 ng

RT: 12.147 min Scan# 1192

Delta R.T. -0.004 min

Lab File: BN029035.D

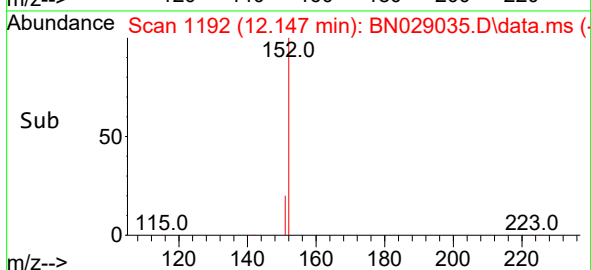
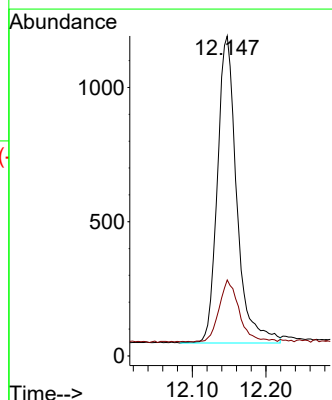
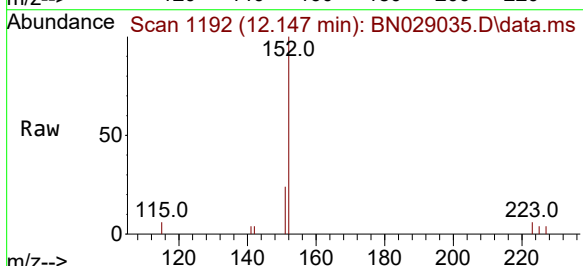
Acq: 04 Dec 2023 00:39

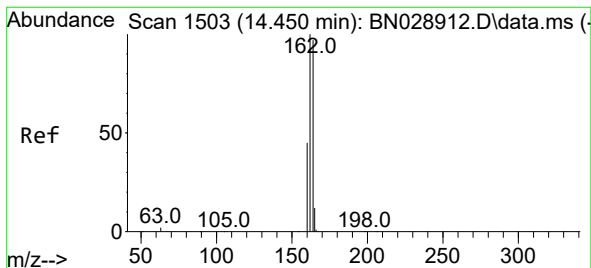
Tgt Ion:152 Resp: 2083

Ion Ratio Lower Upper

152 100

151 21.1 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.396 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN029035.D

Acq: 04 Dec 2023 00:39

Instrument :

BNA_N

ClientSampleId :

RE120D2-20231113

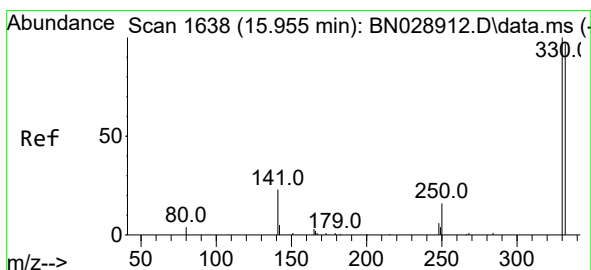
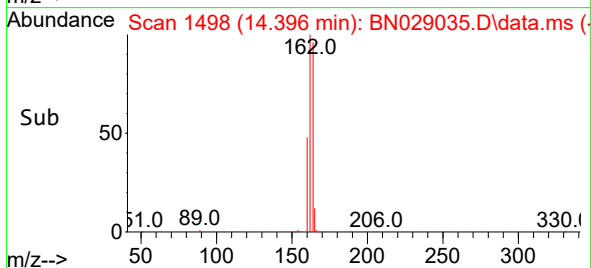
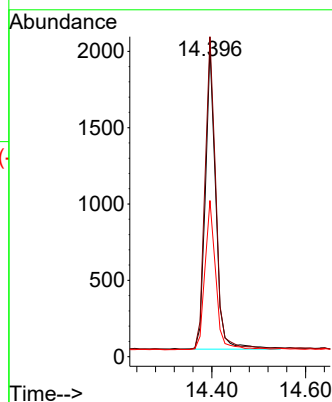
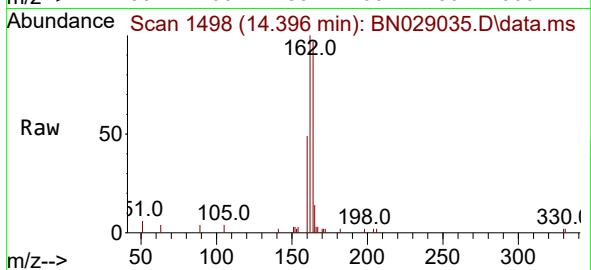
Tgt Ion:164 Resp: 3059

Ion Ratio Lower Upper

164 100

162 103.6 81.7 122.5

160 50.6 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.198 ng

RT: 15.893 min Scan# 1633

Delta R.T. -0.013 min

Lab File: BN029035.D

Acq: 04 Dec 2023 00:39

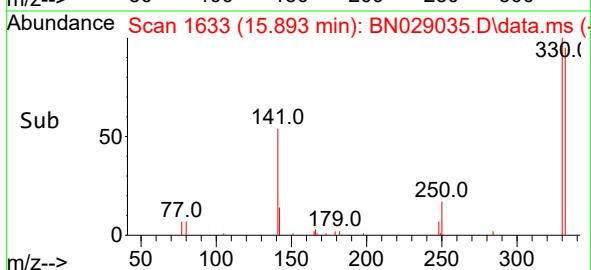
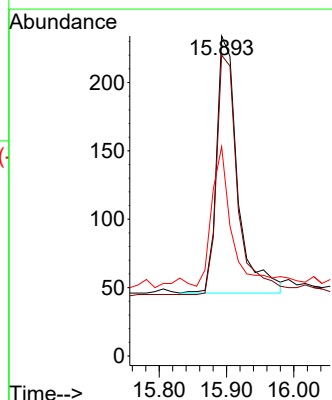
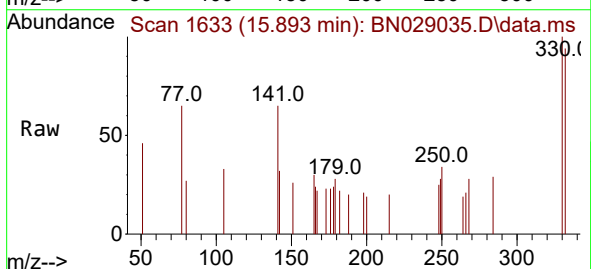
Tgt Ion:330 Resp: 410

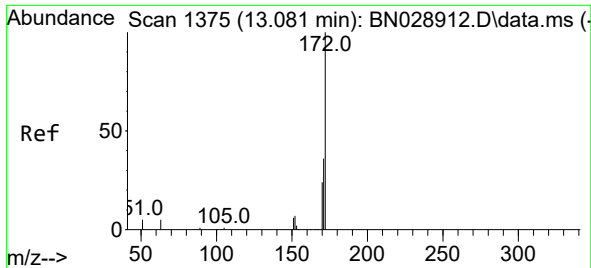
Ion Ratio Lower Upper

330 100

332 94.4 75.4 113.2

141 52.9 35.7 53.5

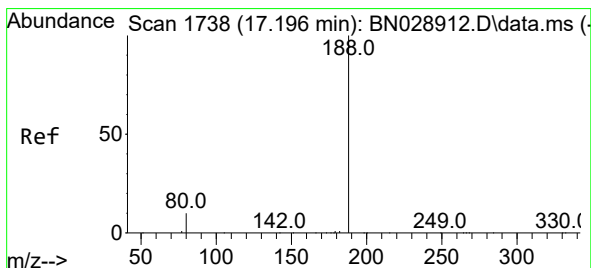
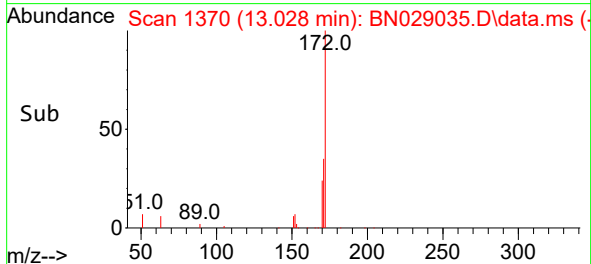
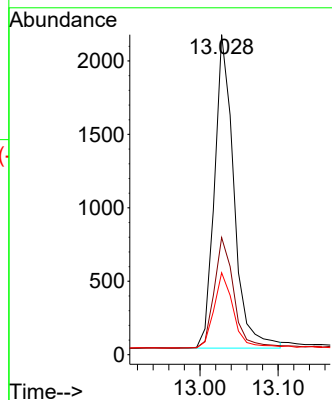
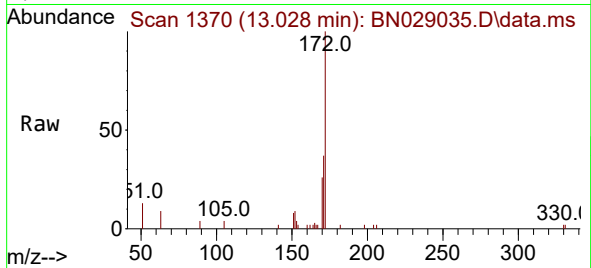




#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 13.028 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

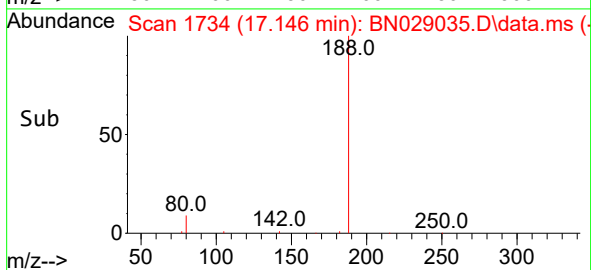
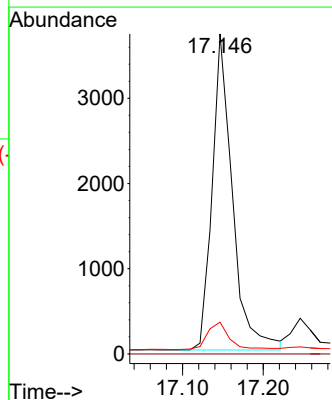
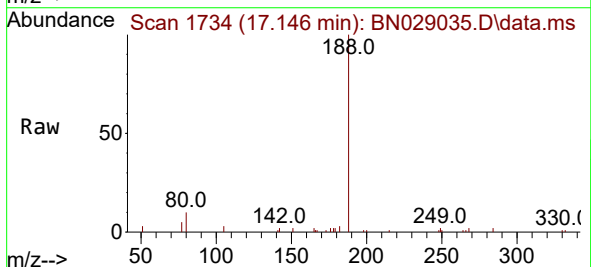
Instrument :
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RE120D2-20231113

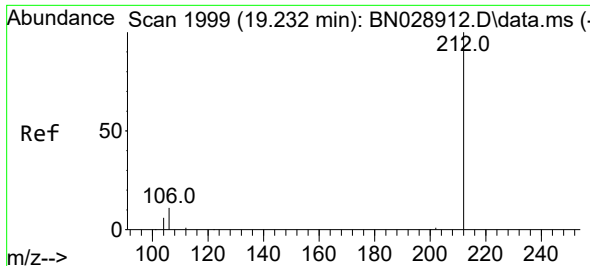
Tgt Ion:172 Resp: 3673
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 25.6 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 1734
Delta R.T. -0.013 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

Tgt Ion:188 Resp: 6483
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 9.0 13.6

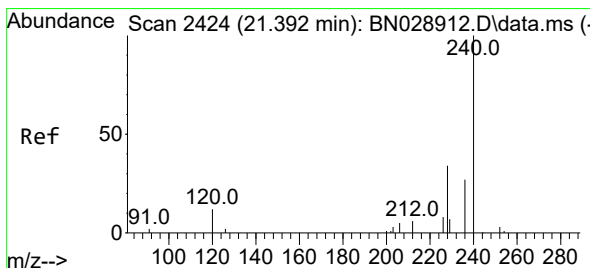
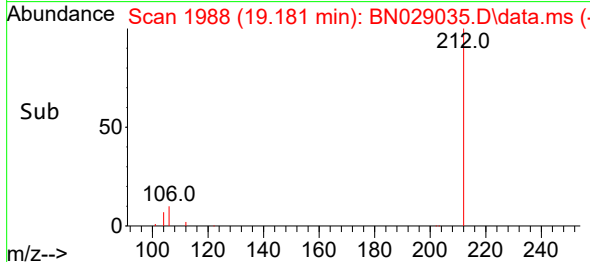
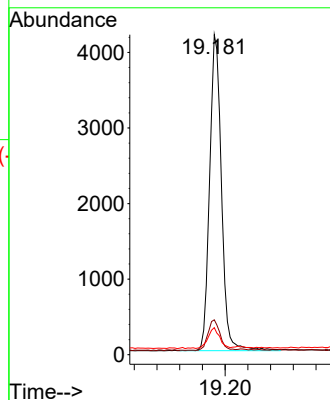
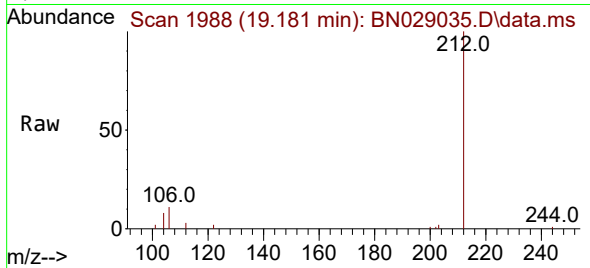




#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.181 min Scan# 1919
Delta R.T. -0.009 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

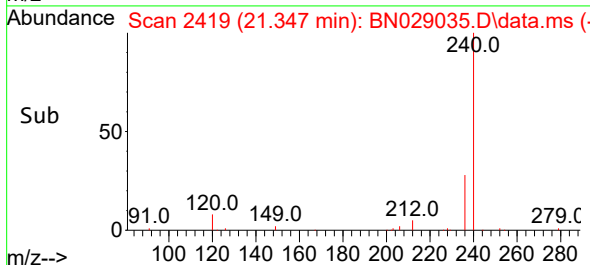
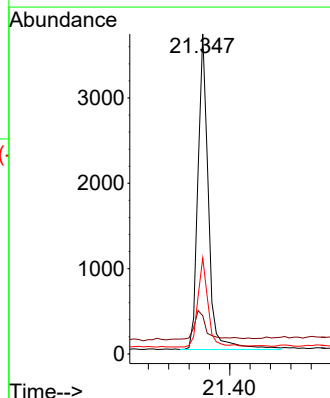
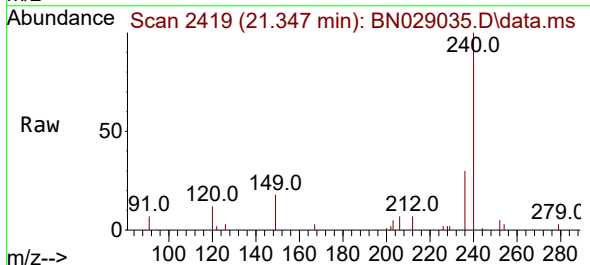
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BNA_N
ClientSampleId :
RE120D2-20231113

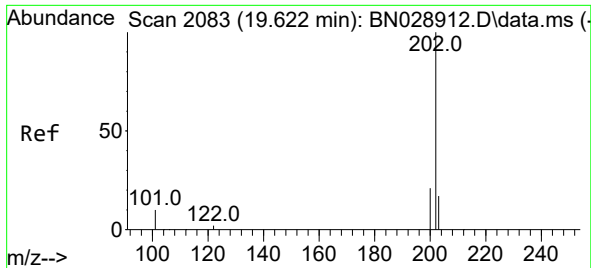
Tgt Ion:212 Resp: 6067
Ion Ratio Lower Upper
212 100
106 9.7 9.4 14.2
104 6.1 6.2 9.2#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

Tgt Ion:240 Resp: 5270
Ion Ratio Lower Upper
240 100
120 11.9 37.1 55.7#
236 30.0 32.4 48.6#

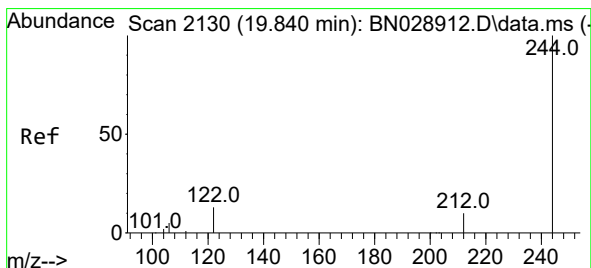
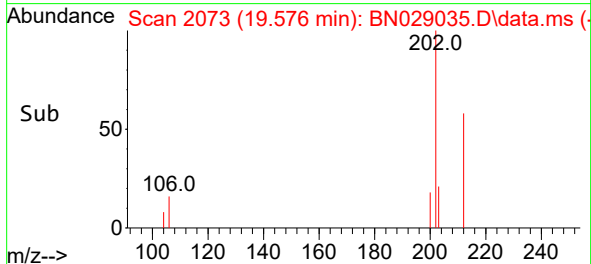
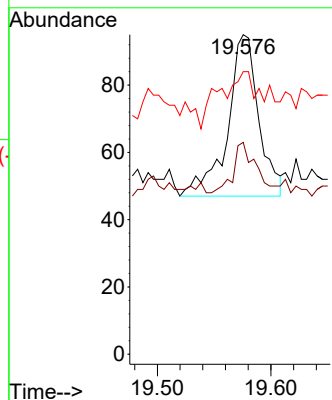
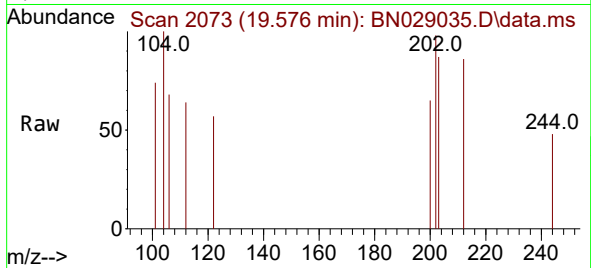




#30
Pyrene
Concen: 0.096 ng
RT: 19.576 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

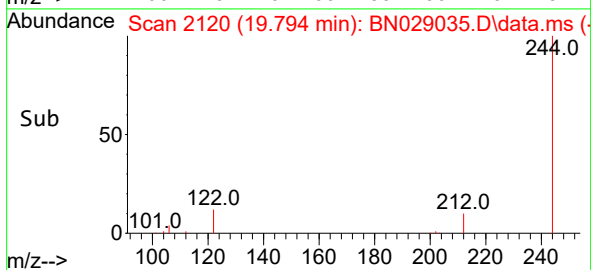
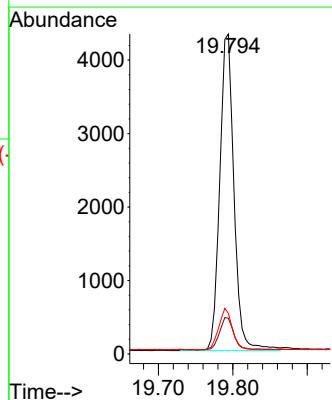
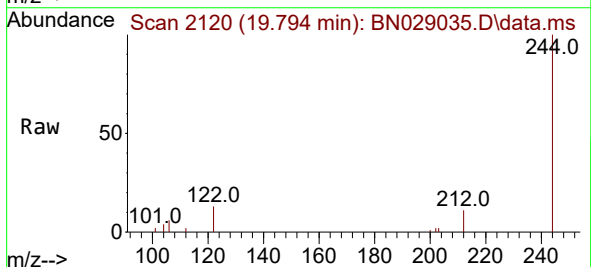
Instrument :
BNA_N
ClientSampleId :
RE120D2-20231113

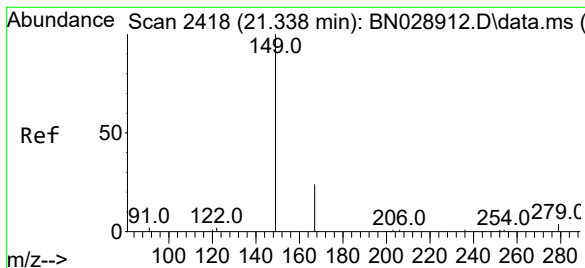
Tgt Ion:202 Resp: 92
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 10.9 14.8 22.2#



#31
Terphenyl-d14
Concen: 0.388 ng
RT: 19.794 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

Tgt Ion:244 Resp: 5726
Ion Ratio Lower Upper
244 100
212 11.1 11.5 17.3#
122 12.7 13.2 19.8#

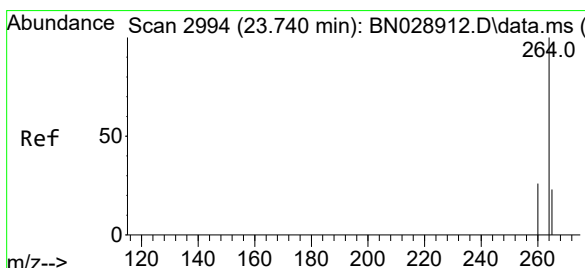
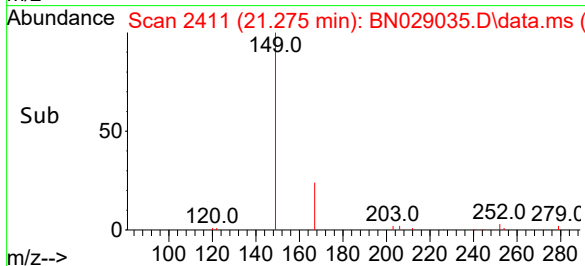
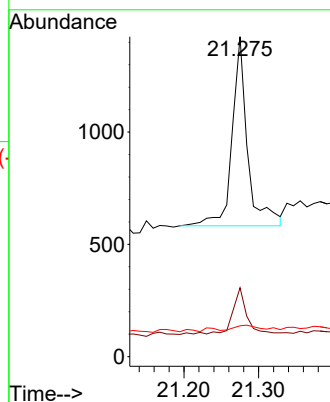
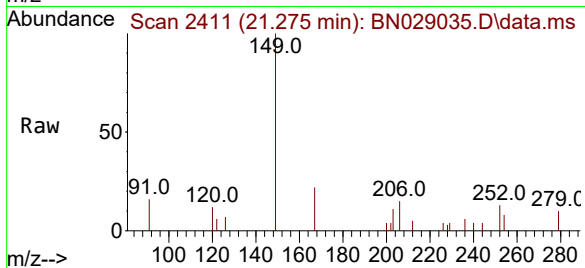




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.275 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

Instrument :
BNA_N
ClientSampleId :
RE120D2-20231113

Tgt Ion:149 Resp: 1207
Ion Ratio Lower Upper
149 100
167 23.3 14.9 22.3#
279 4.0 6.3 9.5#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.664 min Scan# 2968
Delta R.T. -0.006 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

Tgt Ion:264 Resp: 5081
Ion Ratio Lower Upper
264 100
260 27.1 20.6 30.8
265 70.3 464.5 696.7#

