

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
 Data File : BN021570.D
 Acq On : 02 Sep 2022 20:29
 Operator : CG/JU
 Sample : N4357-06DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20220823DL

Quant Time: Sep 03 03:09:41 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

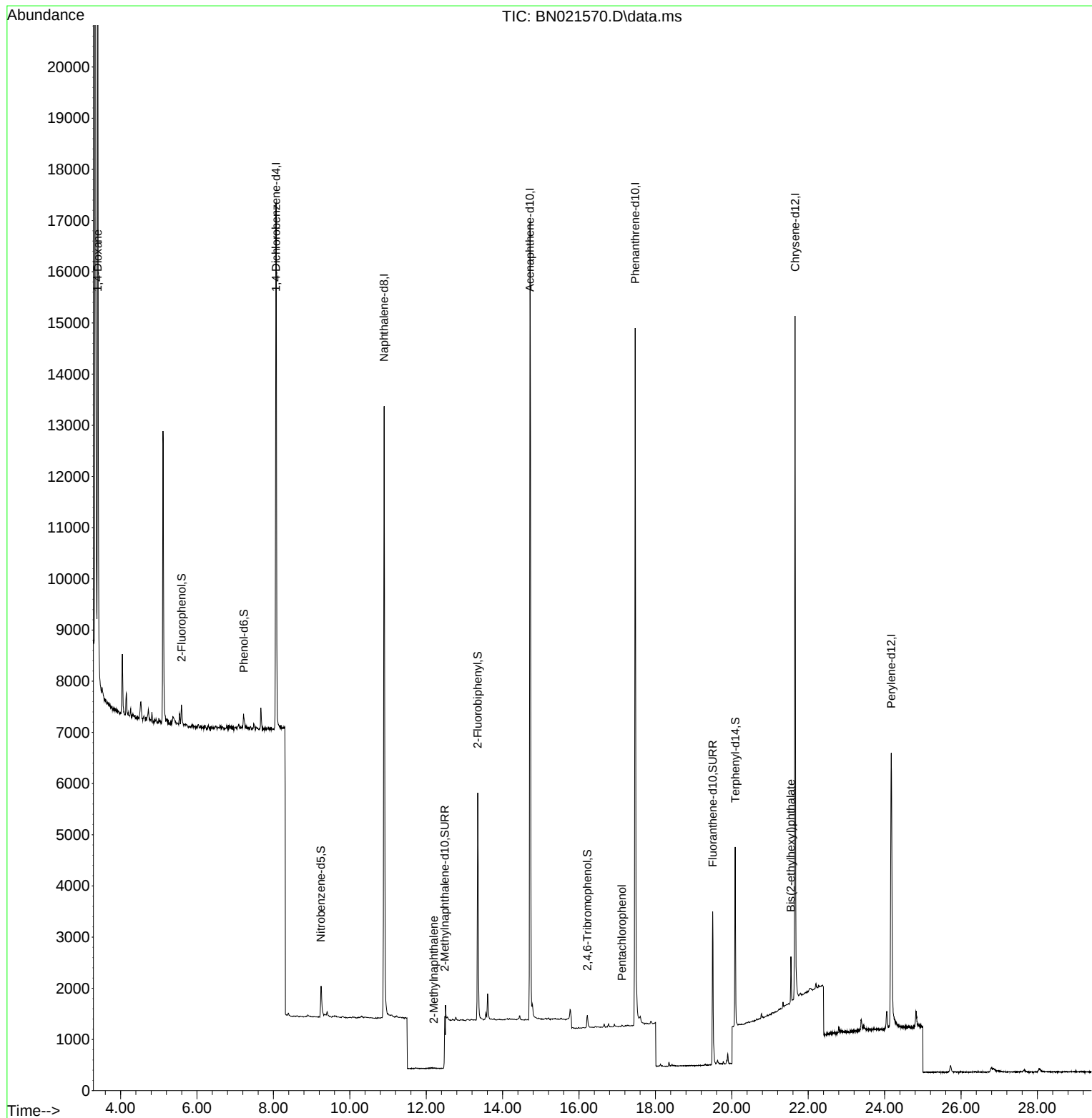
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5180	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	16473	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	9337	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	19496	0.400	ng	0.00
29) Chrysene-d12	21.655	240	12398	0.400	ng	# 0.00
35) Perylene-d12	24.173	264	9085	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	389	0.038	ng	0.00
5) Phenol-d6	7.224	99	322	0.025	ng	0.00
8) Nitrobenzene-d5	9.243	82	690	0.062	ng	0.00
11) 2-Methylnaphthalene-d10	12.490	152	2329	0.063	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	183	0.060	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	4073	0.100	ng	0.00
27) Fluoranthene-d10	19.497	212	3489	0.070	ng	0.00
31) Terphenyl-d14	20.088	244	3092	0.111	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	8994	1.388	ng	# 89
12) 2-Methylnaphthalene	12.199	142	5	0.127	ng	# 1
24) Pentachlorophenol	17.121	266	13	0.205	ng	# 36
34) Bis(2-ethylhexyl)phtha...	21.548	149	861	0.049	ng	# 99

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

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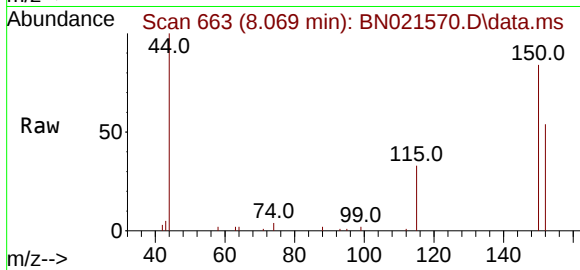
Quant Time: Sep 03 03:09:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration



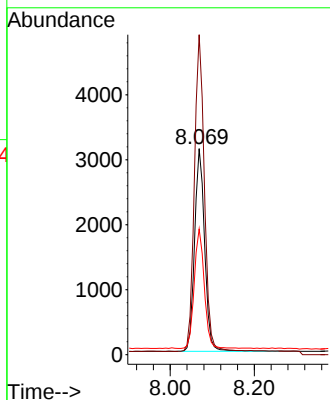
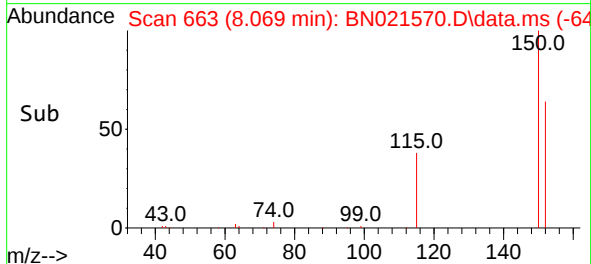


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021570.D
 Acq: 02 Sep 2022 20:29

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20220823DL

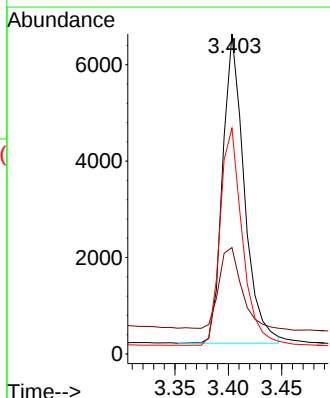
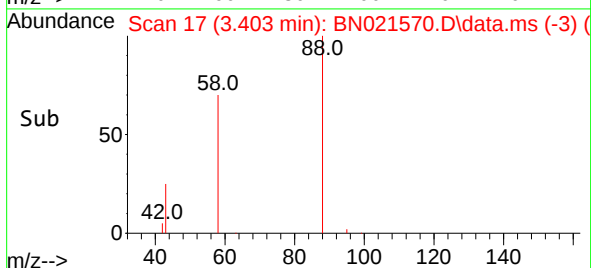
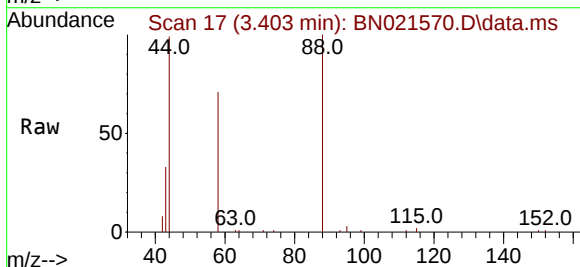


Tgt Ion:152 Resp: 5180
 Ion Ratio Lower Upper
 152 100
 150 155.3 121.4 182.0
 115 61.1 48.6 72.8



#2
 1,4-Dioxane
 Concen: 1.388 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021570.D
 Acq: 02 Sep 2022 20:29

Tgt Ion: 88 Resp: 8994
 Ion Ratio Lower Upper
 88 100
 43 27.1 35.8 53.8#
 58 72.4 57.1 85.7





#4

2-Fluorophenol

Concen: 0.038 ng

RT: 5.599 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN021570.D

Acq: 02 Sep 2022 20:29

Instrument :

BNA_N

ClientSampleId :

RE134D2-20220823DL

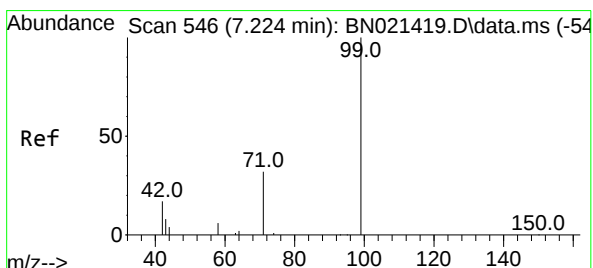
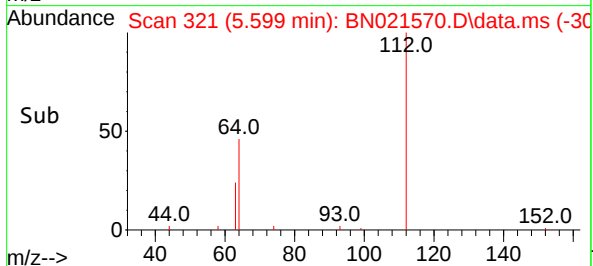
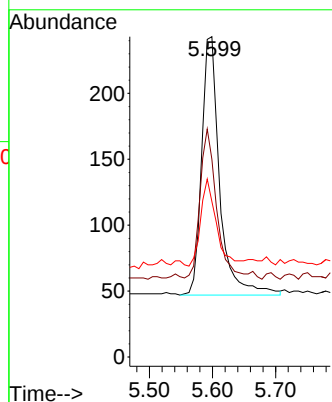
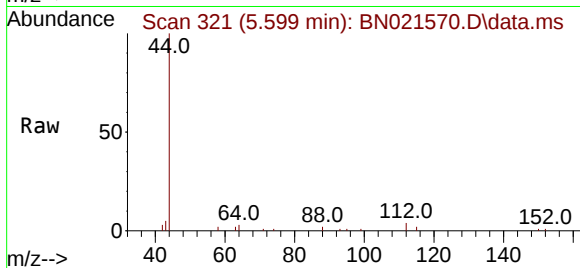
Tgt Ion:112 Resp: 389

Ion Ratio Lower Upper

112 100

64 54.8 43.5 65.3

63 29.0 22.6 34.0



#5

Phenol-d6

Concen: 0.025 ng

RT: 7.224 min Scan# 546

Delta R.T. 0.007 min

Lab File: BN021570.D

Acq: 02 Sep 2022 20:29

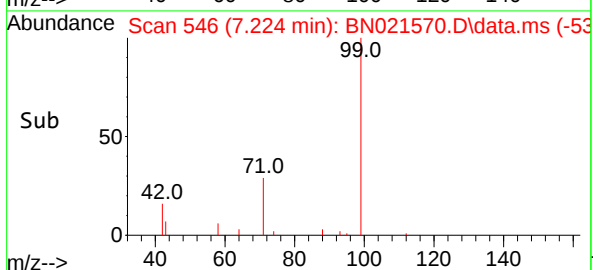
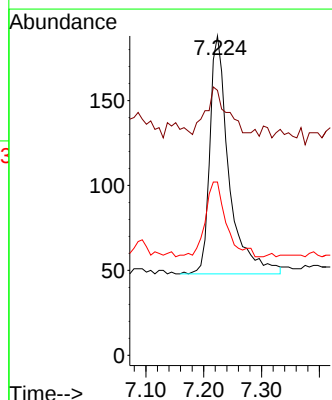
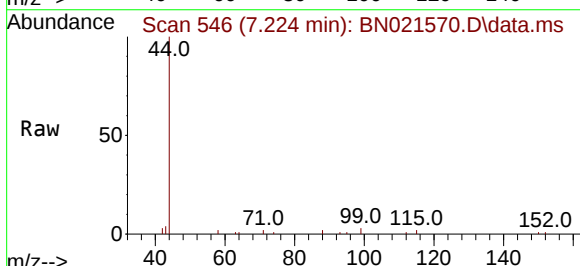
Tgt Ion: 99 Resp: 322

Ion Ratio Lower Upper

99 100

42 23.9 15.5 23.3#

71 34.5 24.2 36.2

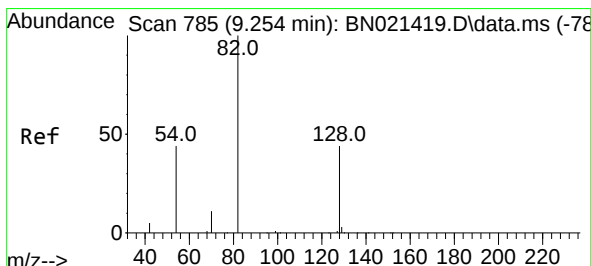
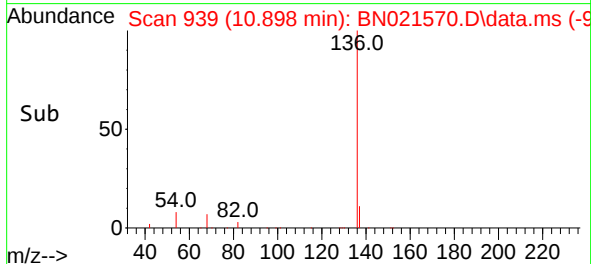
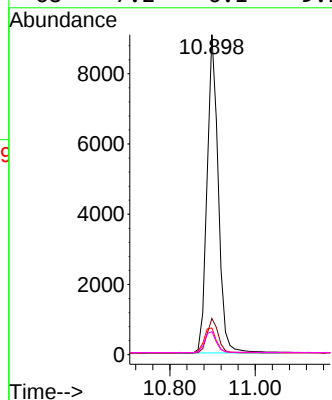
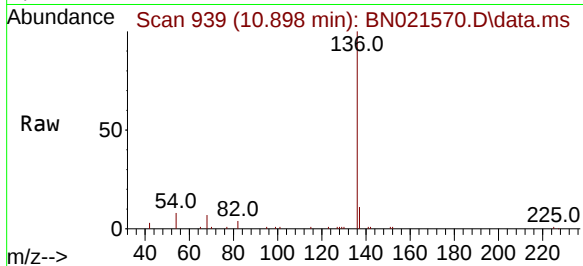




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021570.D
Acq: 02 Sep 2022 20:29

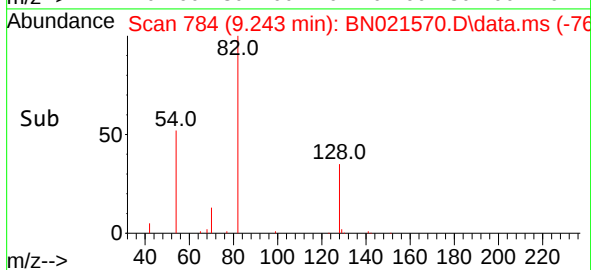
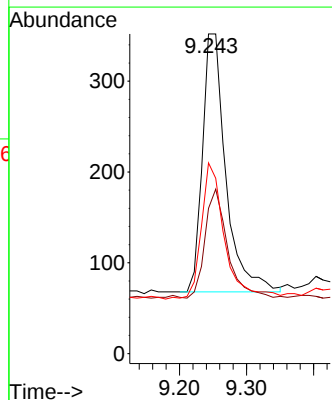
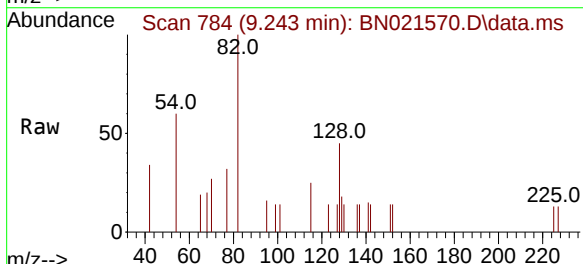
Instrument :
BNA_N
ClientSampleId :
RE134D2-20220823DL

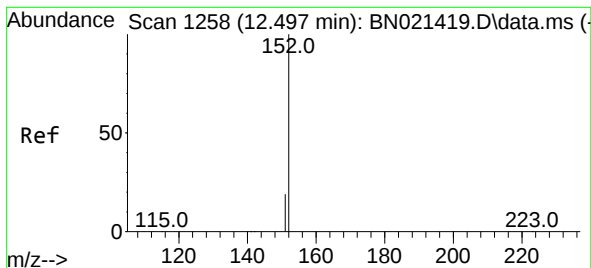
Tgt Ion:	136	Resp:	16473
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.4	6.9	10.3
68	7.2	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.062 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021570.D
Acq: 02 Sep 2022 20:29

Tgt Ion:	82	Resp:	690
Ion	Ratio	Lower	Upper
82	100		
128	45.5	30.9	46.3
54	59.7	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.063 ng

RT: 12.490 min Scan# 1179

Delta R.T. 0.004 min

Lab File: BN021570.D

Acq: 02 Sep 2022 20:29

Instrument :

BNA_N

ClientSampleId :

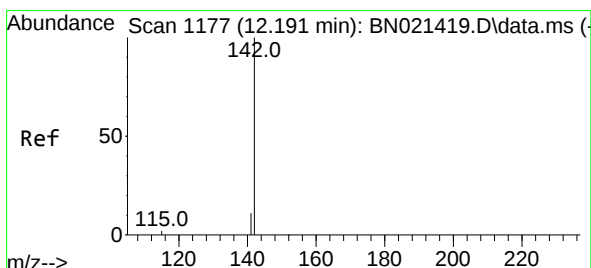
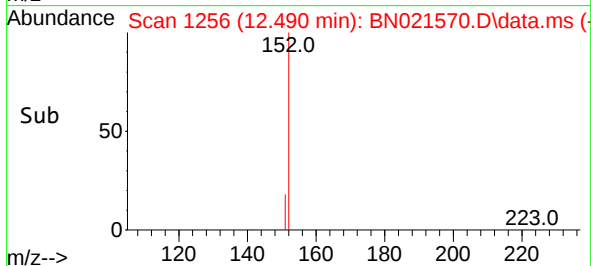
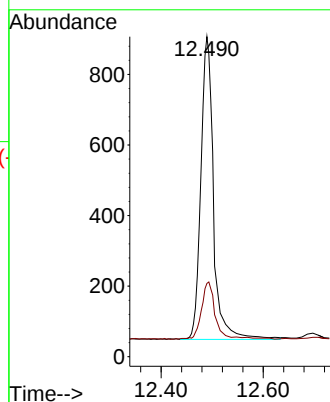
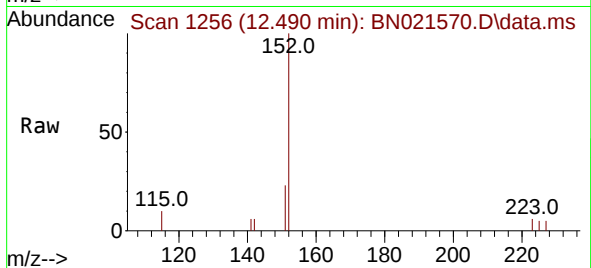
RE134D2-20220823DL

Tgt Ion:152 Resp: 2329

Ion Ratio Lower Upper

152 100

151 18.8 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.127 ng

RT: 12.199 min Scan# 1179

Delta R.T. 0.015 min

Lab File: BN021570.D

Acq: 02 Sep 2022 20:29

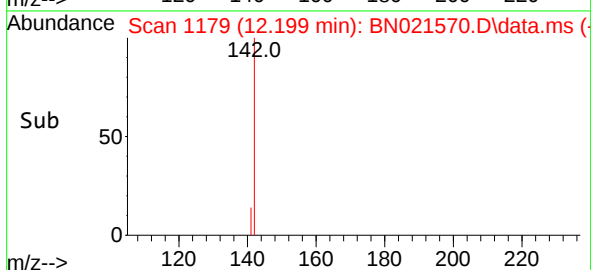
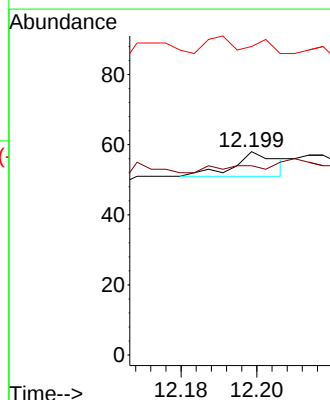
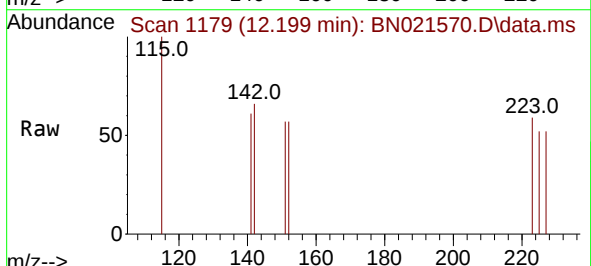
Tgt Ion:142 Resp: 5

Ion Ratio Lower Upper

142 100

141 93.1 12.2 18.2#

115 151.7 7.9 11.9#

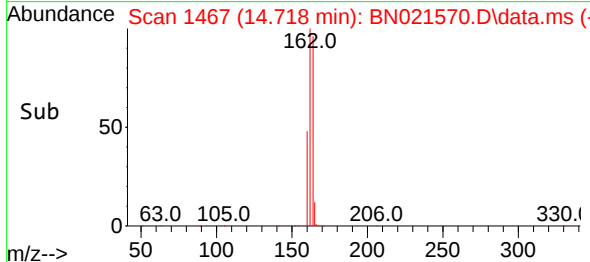
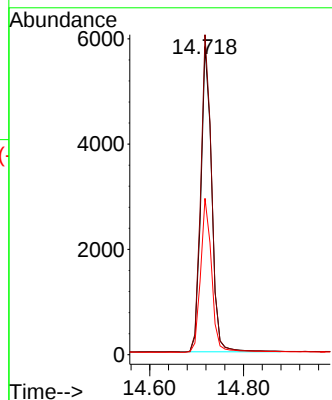
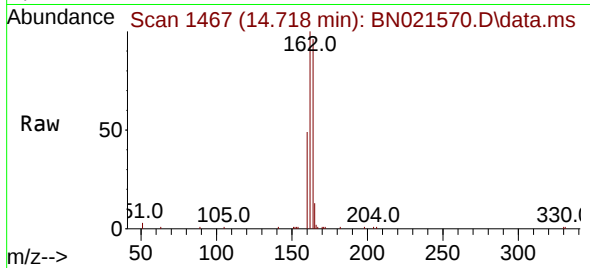




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021570.D
Acq: 02 Sep 2022 20:29

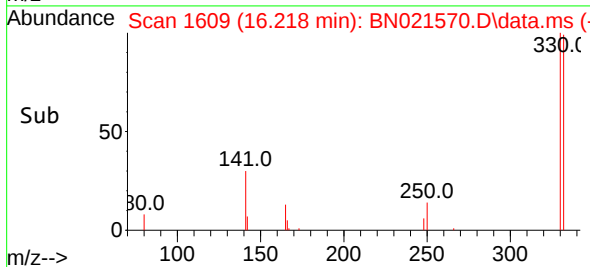
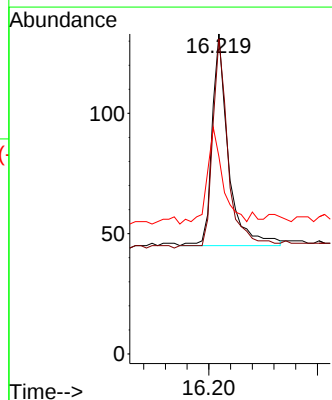
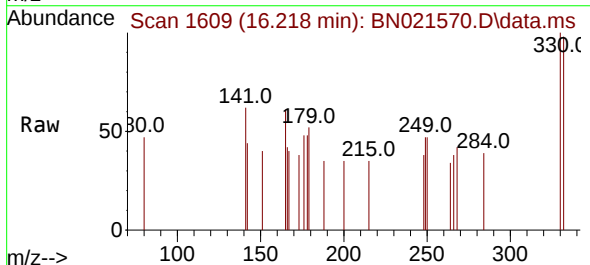
Instrument :
BNA_N
ClientSampleId :
RE134D2-20220823DL

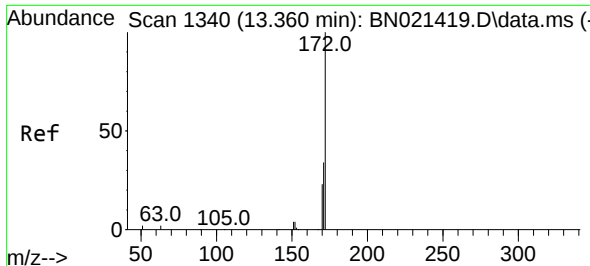
Tgt Ion:164 Resp: 9337
Ion Ratio Lower Upper
164 100
162 103.8 82.2 123.4
160 50.7 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.060 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021570.D
Acq: 02 Sep 2022 20:29

Tgt Ion:330 Resp: 183
Ion Ratio Lower Upper
330 100
332 90.2 79.3 118.9
141 44.3 37.1 55.7

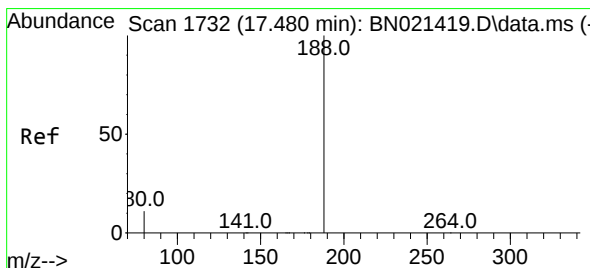
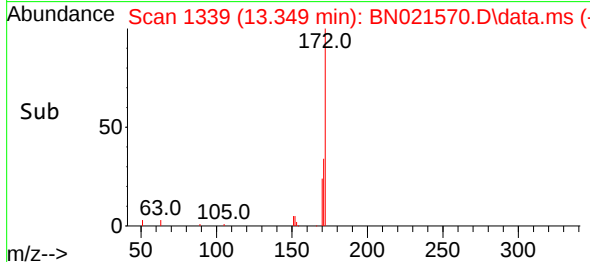
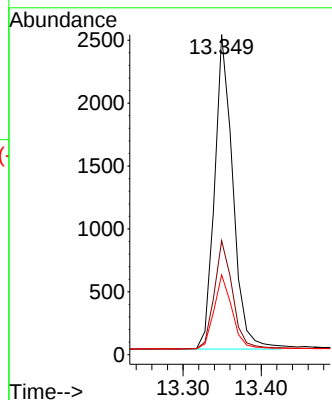
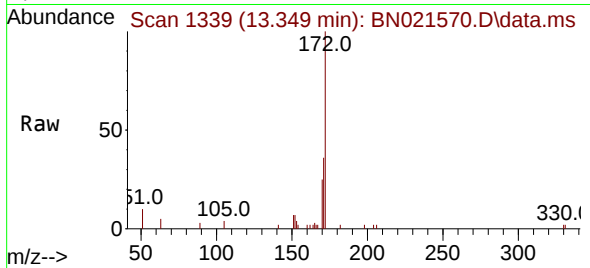




#15
2-Fluorobiphenyl
Concen: 0.100 ng
RT: 13.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021570.D
Acq: 02 Sep 2022 20:29

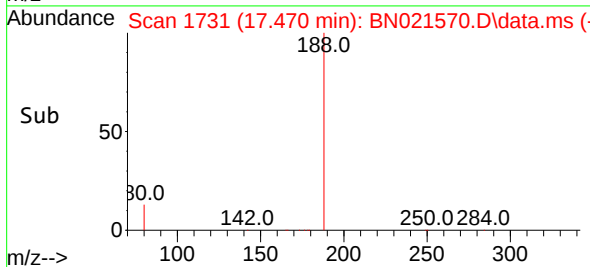
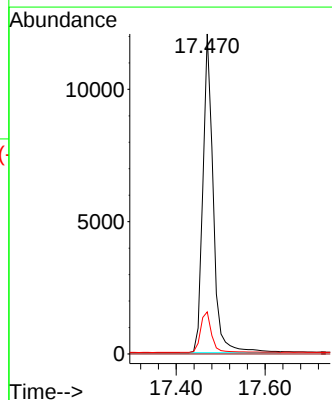
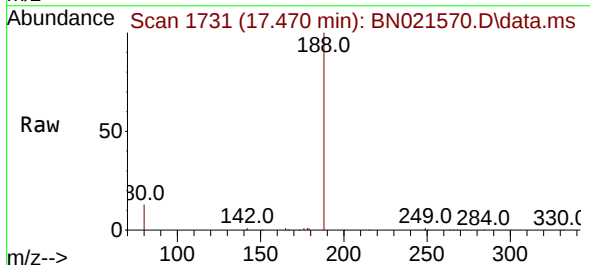
Instrument :
BNA_N
ClientSampleId :
RE134D2-20220823DL

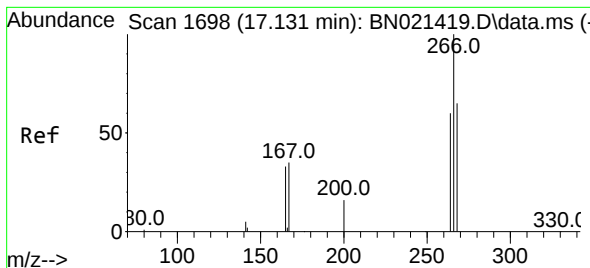
Tgt Ion:172 Resp: 4073
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.6
170 25.0 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN021570.D
Acq: 02 Sep 2022 20:29

Tgt Ion:188 Resp: 19496
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 9.5 14.3





#24

Pentachlorophenol

Concen: 0.205 ng

RT: 17.121 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN021570.D

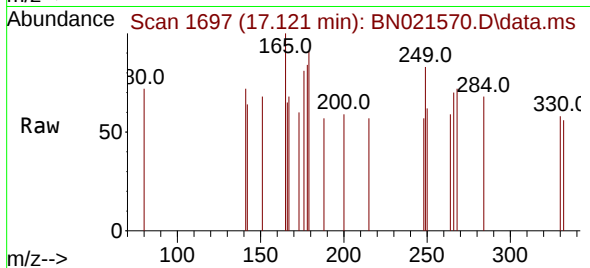
Acq: 02 Sep 2022 20:29

Instrument :

BNA_N

ClientSampleId :

RE134D2-20220823DL



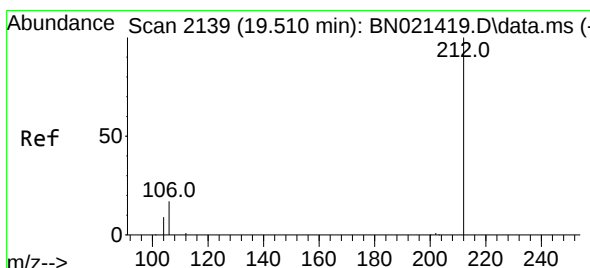
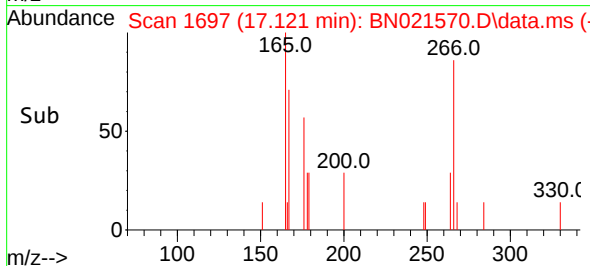
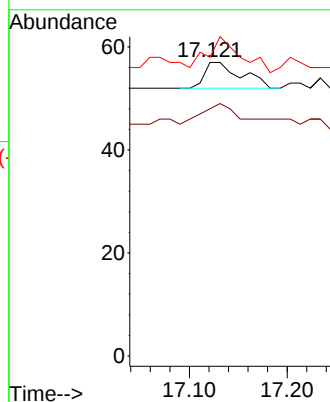
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 92.3 49.0 73.6#

268 130.8 50.9 76.3#



#27

Fluoranthene-d10

Concen: 0.070 ng

RT: 19.497 min Scan# 2136

Delta R.T. -0.004 min

Lab File: BN021570.D

Acq: 02 Sep 2022 20:29

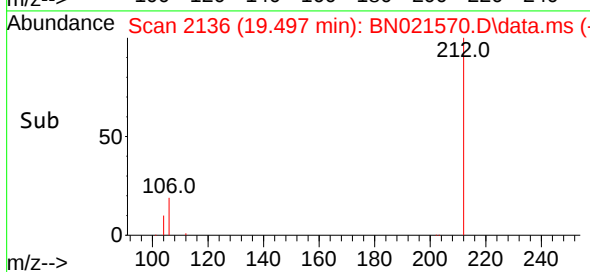
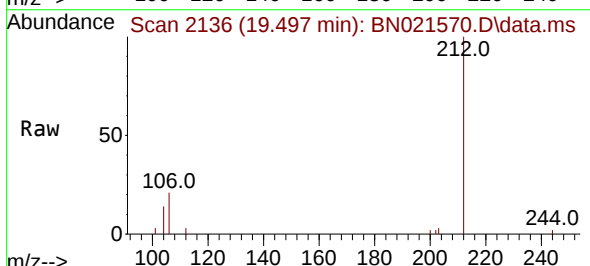
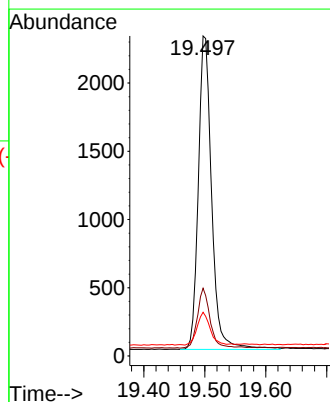
Tgt Ion:212 Resp: 3489

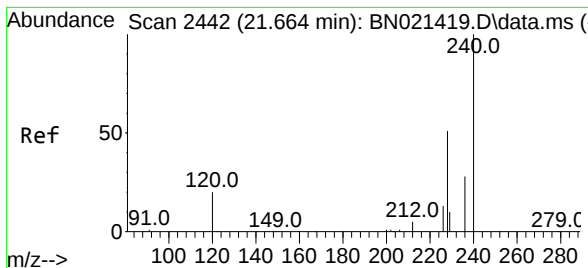
Ion Ratio Lower Upper

212 100

106 18.0 14.2 21.2

104 10.2 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.655 min Scan# 2441

Delta R.T. -0.009 min

Lab File: BN021570.D

Acq: 02 Sep 2022 20:29

Instrument :

BNA_N

ClientSampleId :

RE134D2-20220823DL

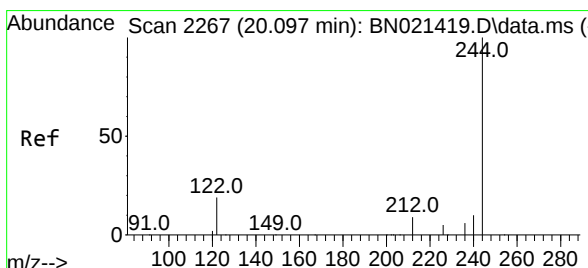
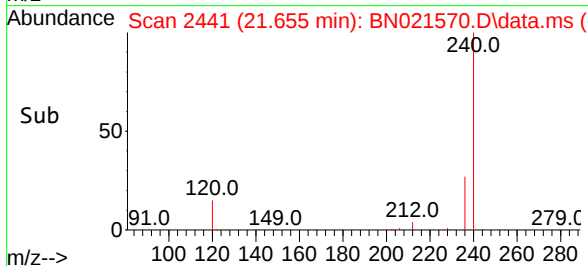
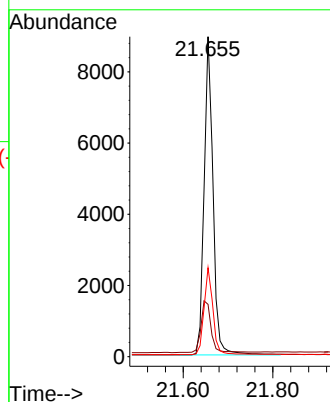
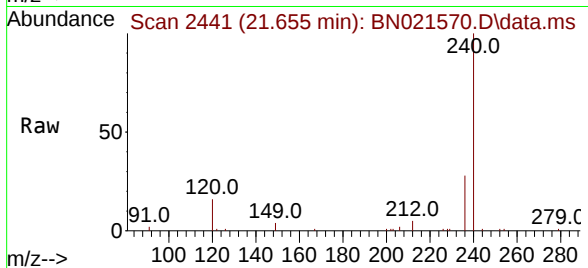
Tgt Ion:240 Resp: 12398

Ion Ratio Lower Upper

240 100

120 16.4 10.2 15.4#

236 27.8 22.1 33.1



#31

Terphenyl-d14

Concen: 0.111 ng

RT: 20.088 min Scan# 2266

Delta R.T. -0.009 min

Lab File: BN021570.D

Acq: 02 Sep 2022 20:29

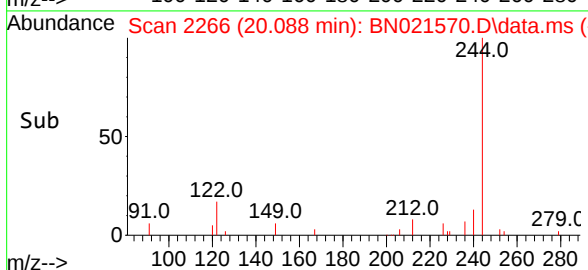
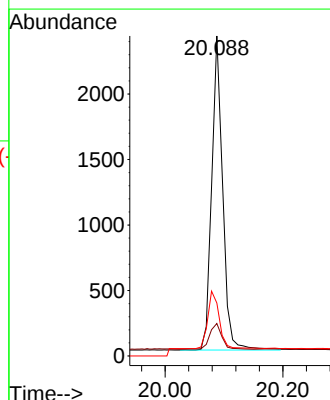
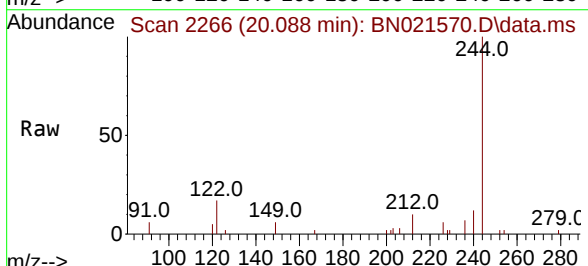
Tgt Ion:244 Resp: 3092

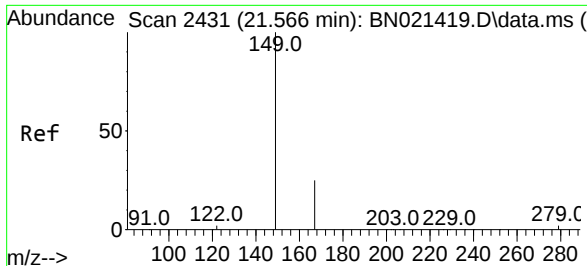
Ion Ratio Lower Upper

244 100

212 10.2 6.5 9.7#

122 16.5 9.1 13.7#

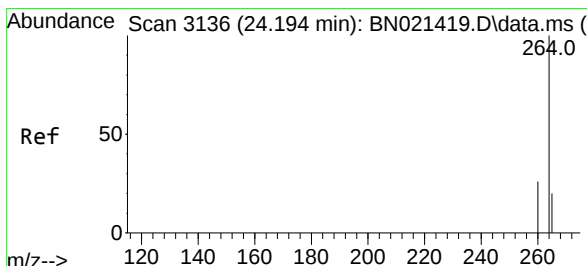
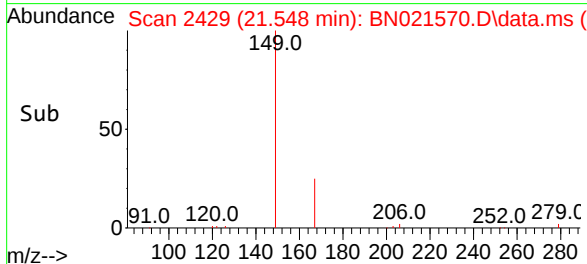
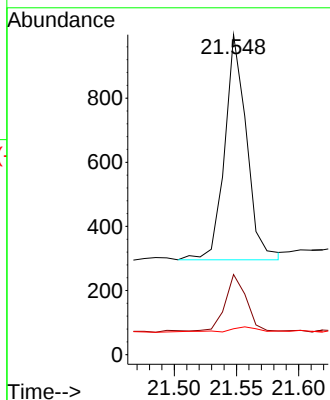
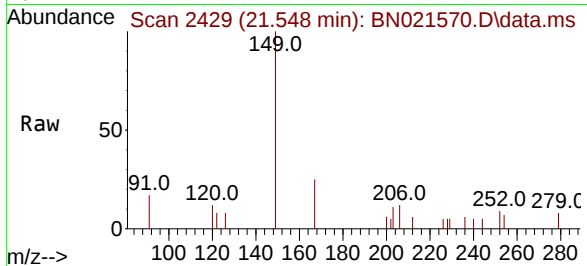




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.049 ng
RT: 21.548 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BN021570.D
Acq: 02 Sep 2022 20:29

Instrument :
BNA_N
ClientSampleId :
RE134D2-20220823DL

Tgt Ion:149 Resp: 861
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.0
279 3.9 2.2 3.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.173 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BN021570.D
Acq: 02 Sep 2022 20:29

Tgt Ion:264 Resp: 9085
Ion Ratio Lower Upper
264 100
260 27.0 21.0 31.6
265 36.1 32.2 48.2

