

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129551.D
 Acq On : 03 Aug 2022 21:04
 Operator : CG\JU
 Sample : N3930-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-104

Quant Time: Aug 04 02:20:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

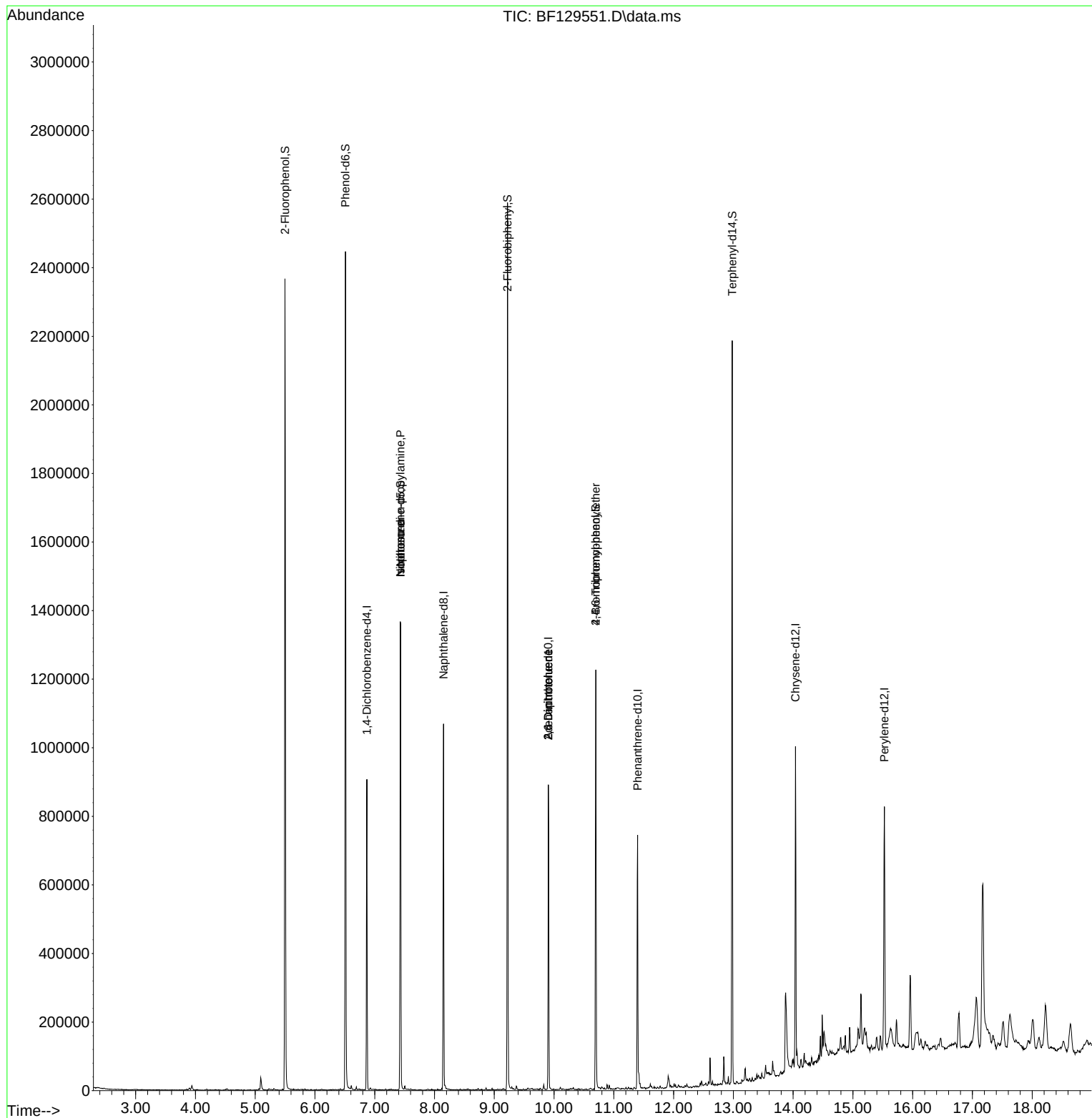
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	125033	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	430042	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	177871	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	257402	20.000	ng	0.00
76) Chrysene-d12	14.039	240	285509	20.000	ng	-0.01
86) Perylene-d12	15.527	264	298348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	615856	80.237	ng	0.00
7) Phenol-d6	6.510	99	732210	75.896	ng	-0.01
23) Nitrobenzene-d5	7.428	82	451070	57.258	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	122744	71.776	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	747600	65.019	ng	-0.01
79) Terphenyl-d14	12.980	244	661612	43.718	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	59568	10.199	ng	# 75
25) Isophorone	7.428	82	451064	31.943	ng	# 65
51) 2,6-Dinitrotoluene	9.904	165	22972	8.359	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	22972	6.398	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	7849	2.785	ng	# 1

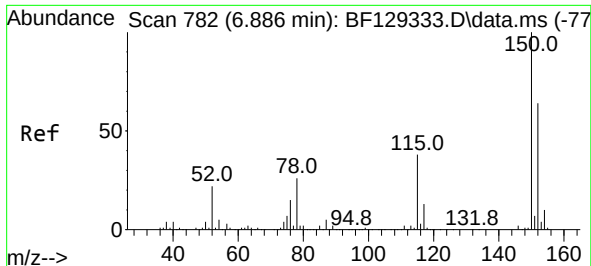
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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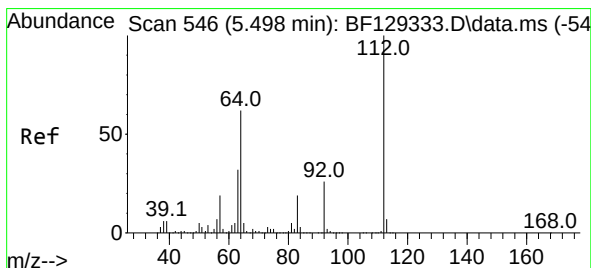
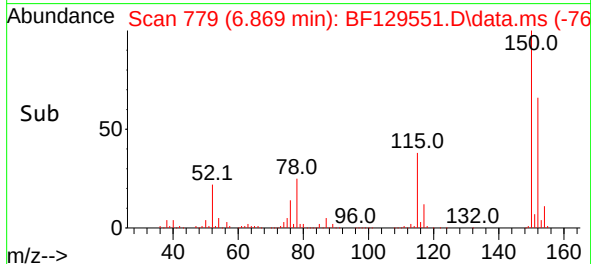
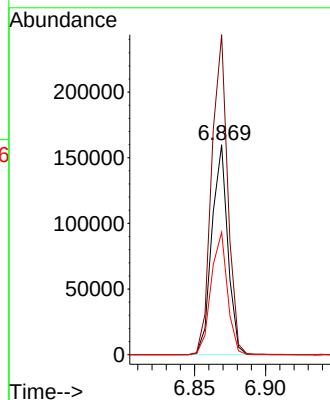
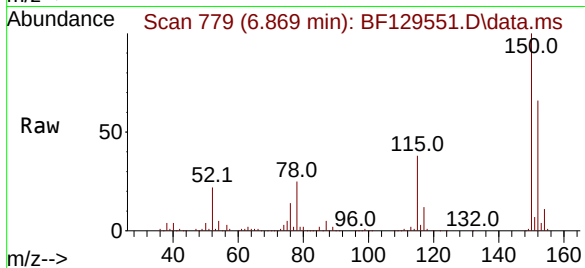




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129551.D
 Acq: 03 Aug 2022 21:04

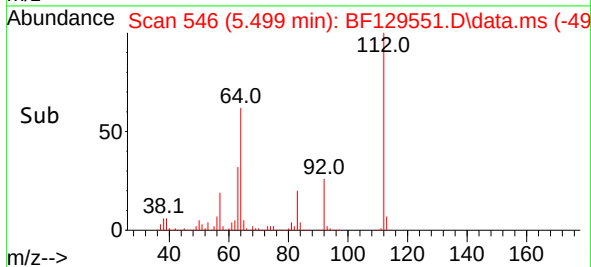
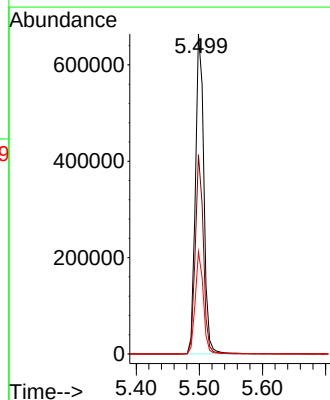
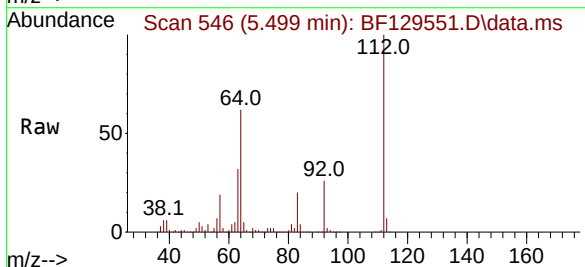
Instrument :
 BNA_F
 ClientSampleId :
 RVE-104

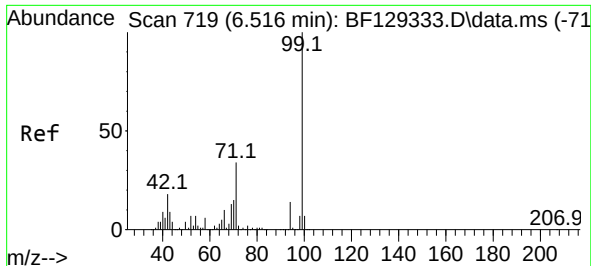
Tgt Ion:152 Resp: 125033
 Ion Ratio Lower Upper
 152 100
 150 152.4 123.7 185.5
 115 58.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 80.237 ng
 RT: 5.499 min Scan# 546
 Delta R.T. -0.006 min
 Lab File: BF129551.D
 Acq: 03 Aug 2022 21:04

Tgt Ion:112 Resp: 615856
 Ion Ratio Lower Upper
 112 100
 64 62.3 53.3 79.9
 63 32.0 28.0 42.0

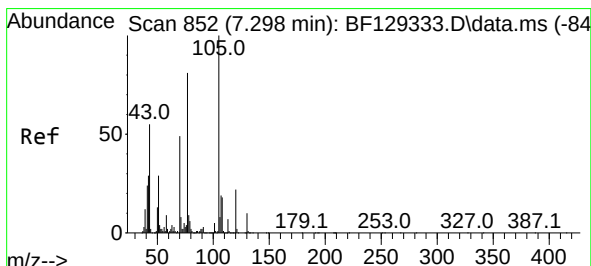
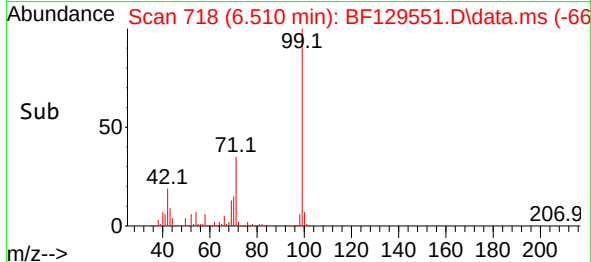
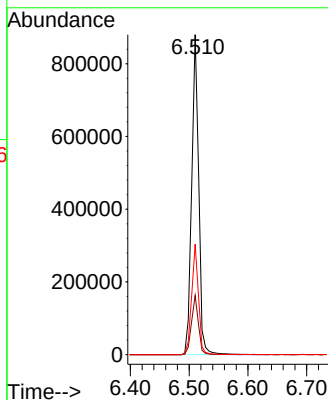
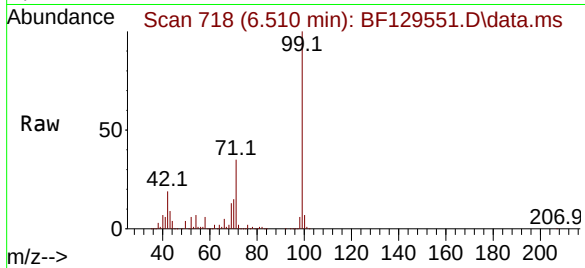




#7
Phenol-d6
Concen: 75.896 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129551.D
Acq: 03 Aug 2022 21:04

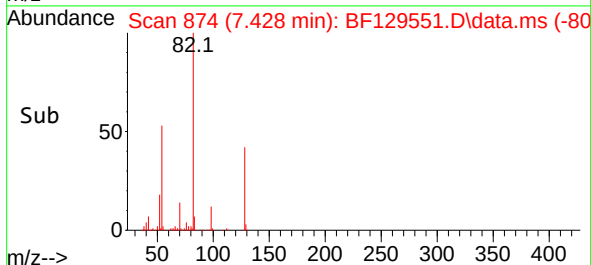
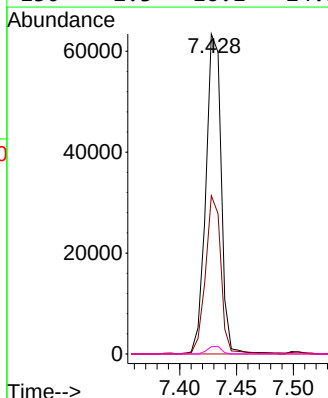
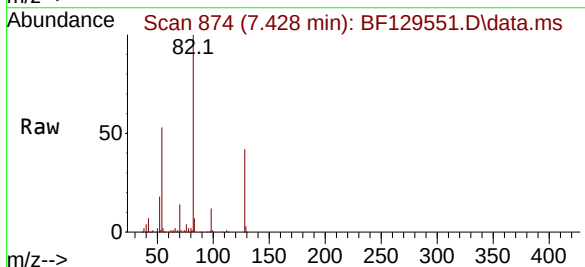
Instrument :
BNA_F
ClientSampleId :
RVE-104

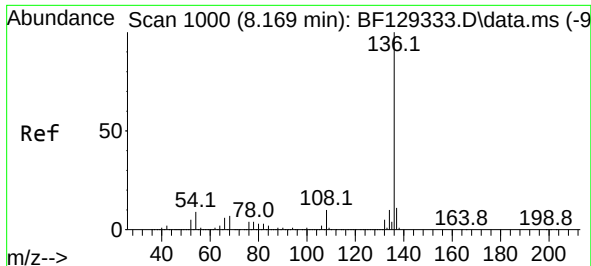
Tgt Ion: 99 Resp: 732210
Ion Ratio Lower Upper
99 100
42 18.5 17.3 25.9
71 34.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.199 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.135 min
Lab File: BF129551.D
Acq: 03 Aug 2022 21:04

Tgt Ion: 70 Resp: 59568
Ion Ratio Lower Upper
70 100
42 49.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

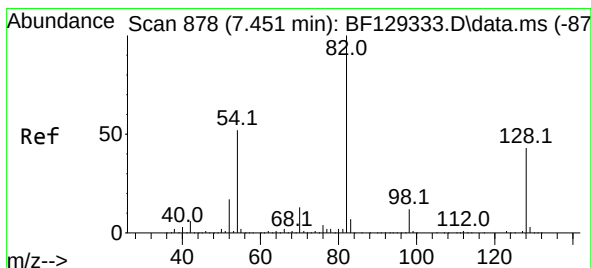
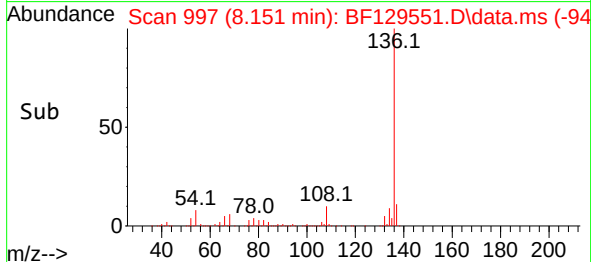
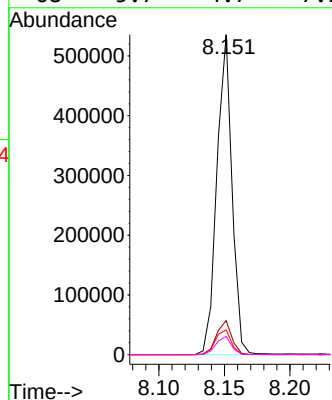
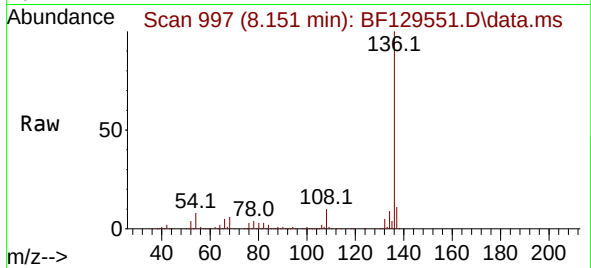




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129551.D
Acq: 03 Aug 2022 21:04

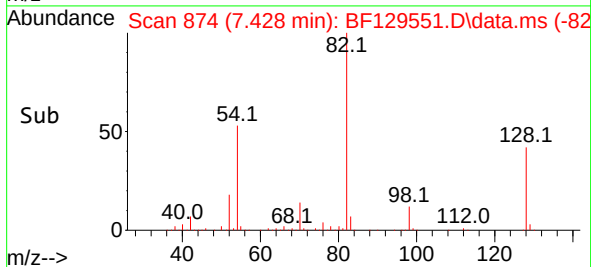
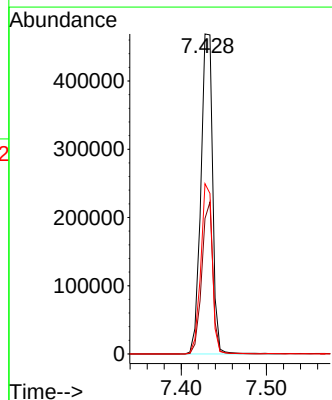
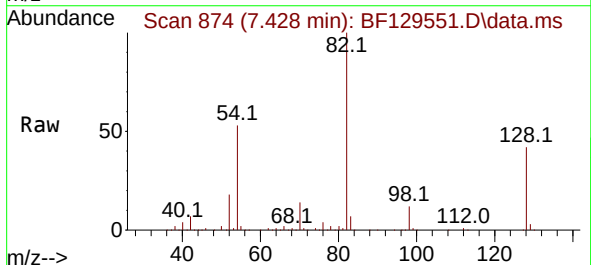
Instrument :
BNA_F
ClientSampleId :
RVE-104

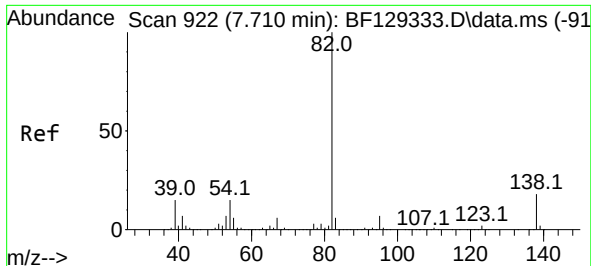
Tgt Ion:136 Resp: 430042
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.7 7.5 11.3
68 5.7 4.7 7.1



#23
Nitrobenzene-d5
Concen: 57.258 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.018 min
Lab File: BF129551.D
Acq: 03 Aug 2022 21:04

Tgt Ion: 82 Resp: 451070
Ion Ratio Lower Upper
82 100
128 42.3 34.0 51.0
54 53.2 46.9 70.3

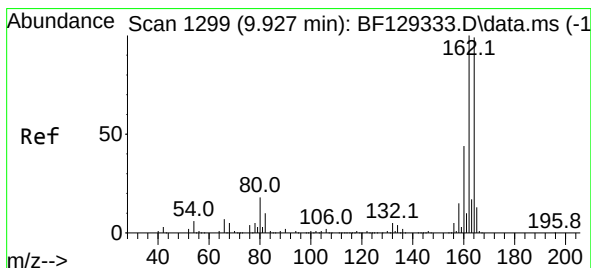
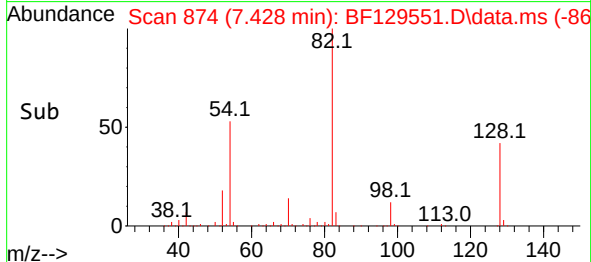
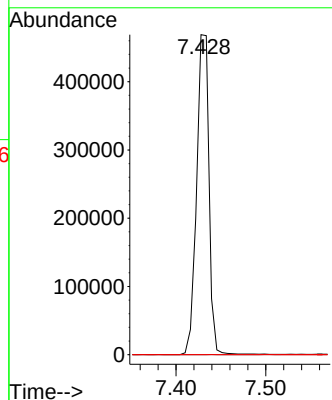
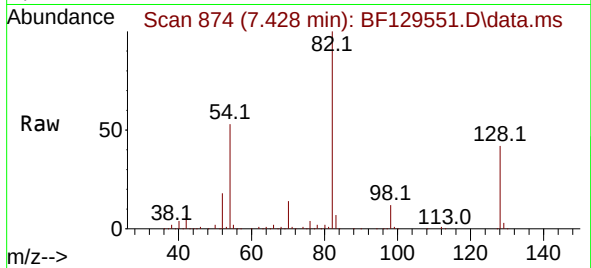




#25
Isophorone
Concen: 31.943 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129551.D
Acq: 03 Aug 2022 21:04

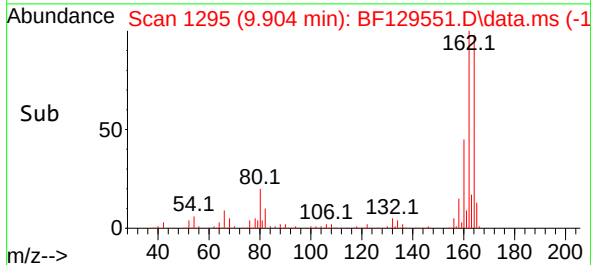
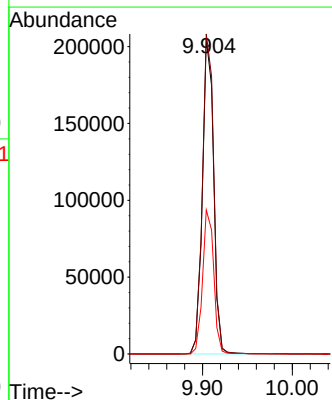
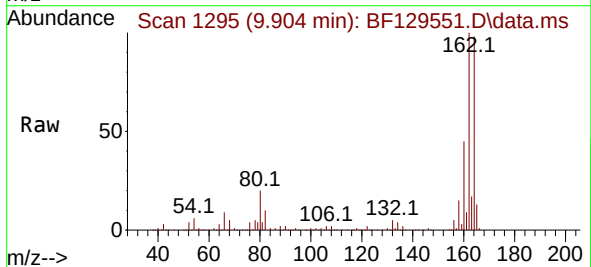
Instrument :
BNA_F
ClientSampleId :
RVE-104

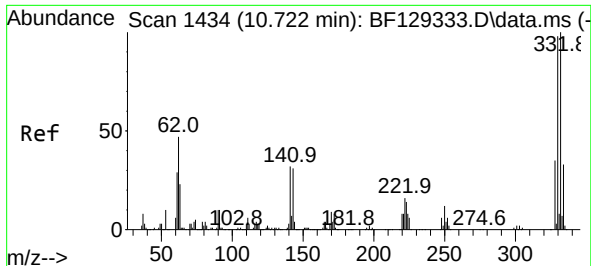
Tgt Ion: 82 Resp: 451064
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF129551.D
Acq: 03 Aug 2022 21:04

Tgt Ion: 164 Resp: 177871
Ion Ratio Lower Upper
164 100
162 101.5 79.5 119.3
160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 71.776 ng

RT: 10.698 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129551.D

Acq: 03 Aug 2022 21:04

Instrument :

BNA_F

ClientSampleId :

RVE-104

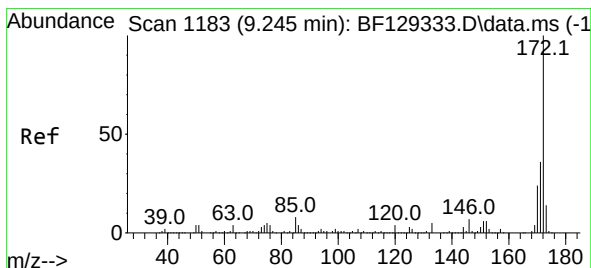
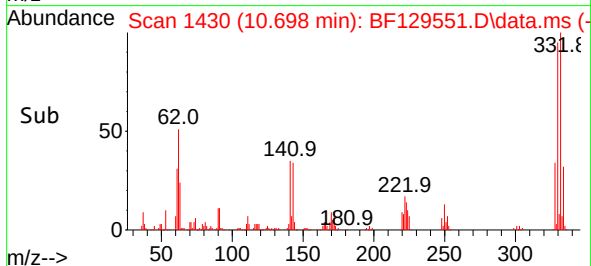
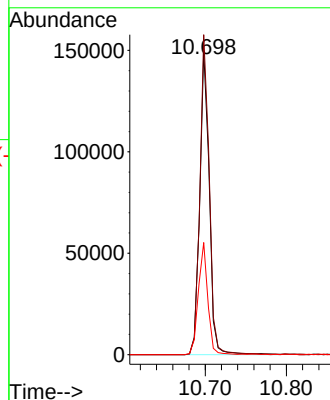
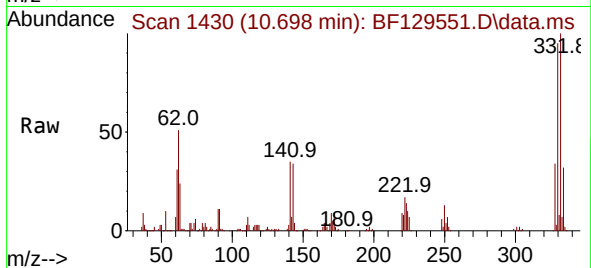
Tgt Ion:330 Resp: 122744

Ion Ratio Lower Upper

330 100

332 104.7 76.8 115.2

141 36.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 65.019 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF129551.D

Acq: 03 Aug 2022 21:04

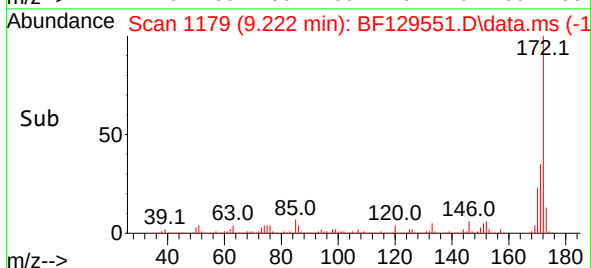
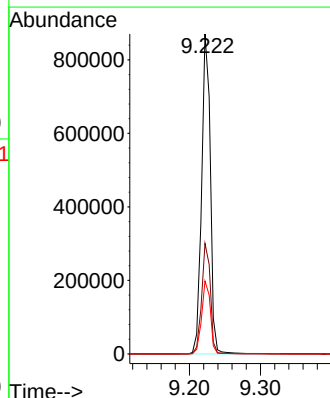
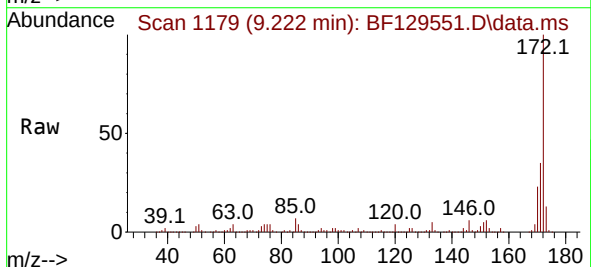
Tgt Ion:172 Resp: 747600

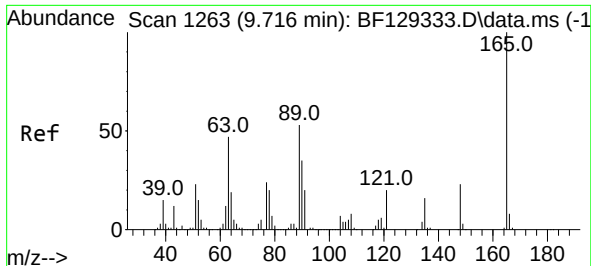
Ion Ratio Lower Upper

172 100

171 34.6 28.8 43.2

170 22.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.359 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF129551.D

Acq: 03 Aug 2022 21:04

Instrument :

BNA_F

ClientSampleId :

RVE-104

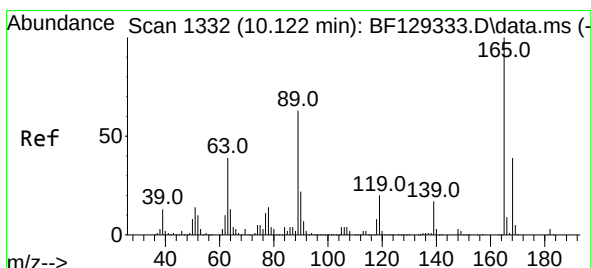
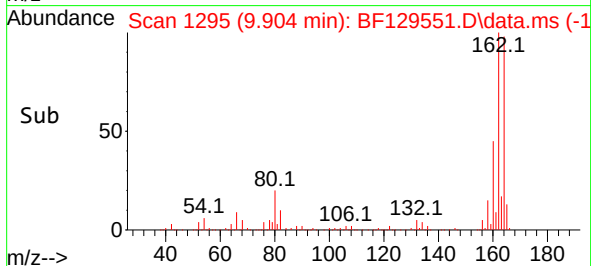
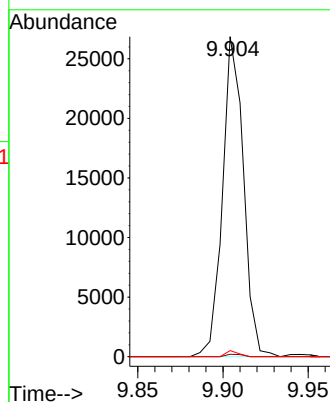
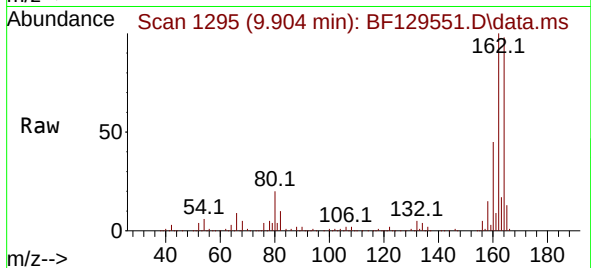
Tgt Ion:165 Resp: 22972

Ion Ratio Lower Upper

165 100

63 0.7 44.9 67.3#

89 1.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.398 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.206 min

Lab File: BF129551.D

Acq: 03 Aug 2022 21:04

Tgt Ion:165 Resp: 22972

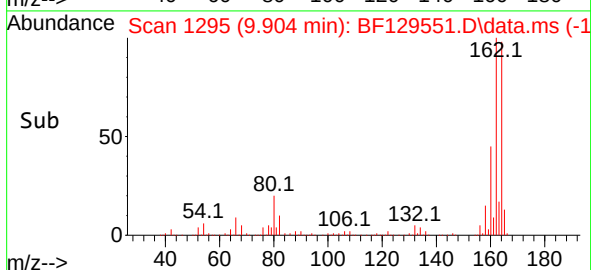
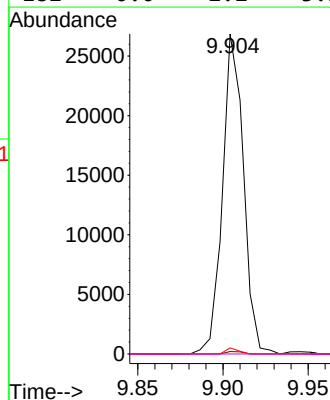
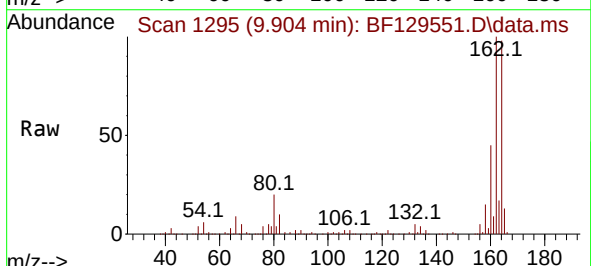
Ion Ratio Lower Upper

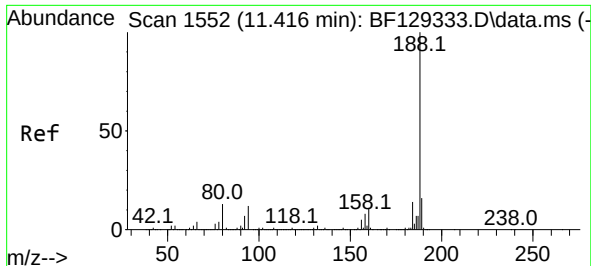
165 100

63 0.7 39.8 59.6#

89 1.9 60.2 90.2#

182 0.0 2.2 3.2#

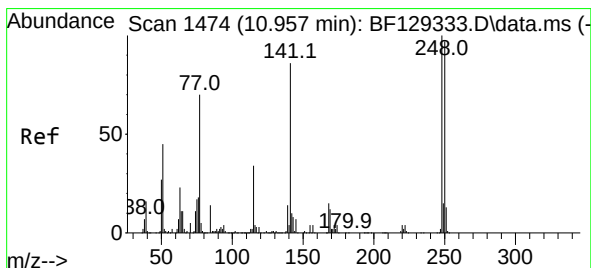
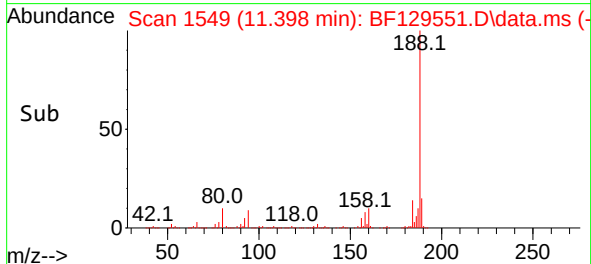
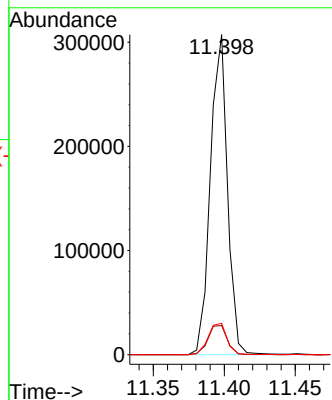
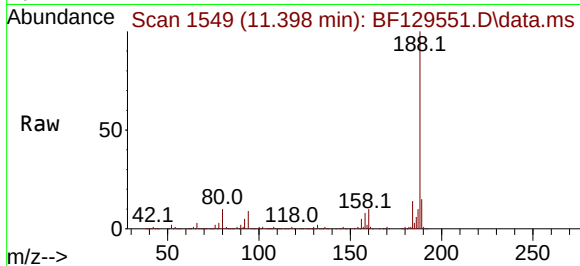




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129551.D
Acq: 03 Aug 2022 21:04

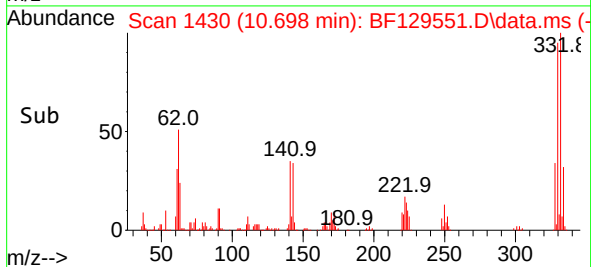
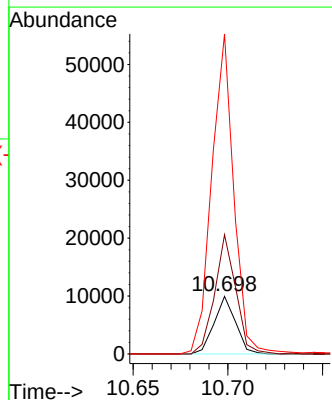
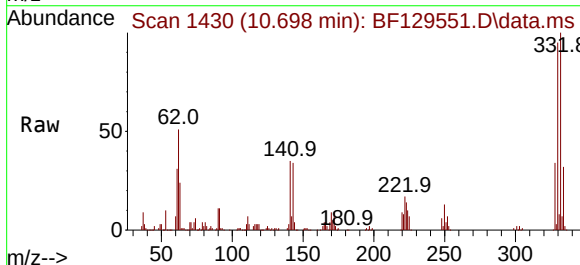
Instrument :
BNA_F
ClientSampleId :
RVE-104

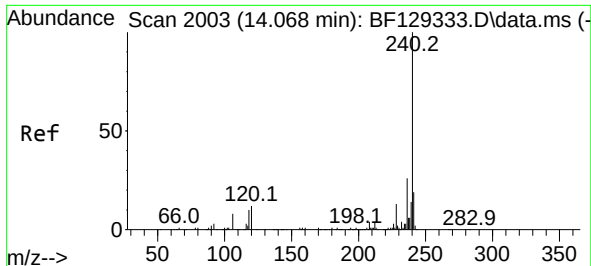
Tgt Ion:188 Resp: 257402
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.8 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.785 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF129551.D
Acq: 03 Aug 2022 21:04

Tgt Ion:248 Resp: 7849
Ion Ratio Lower Upper
248 100
250 206.8 80.6 120.8#
141 555.1 58.9 88.3#

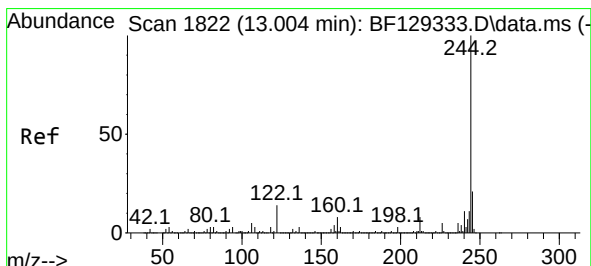
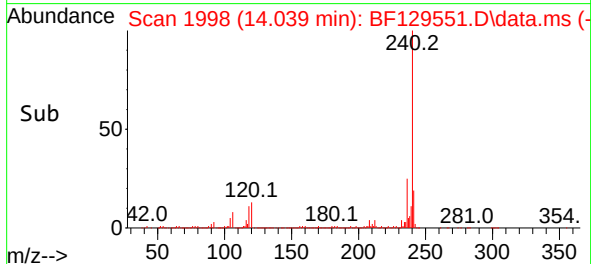
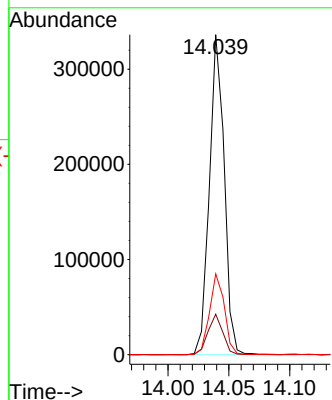
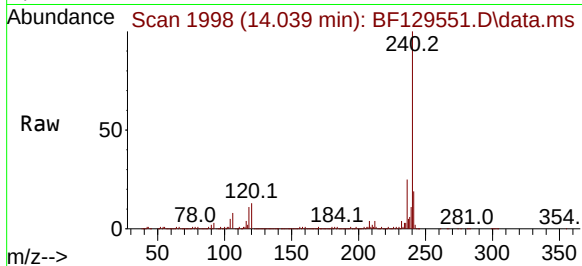




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF129551.D
Acq: 03 Aug 2022 21:04

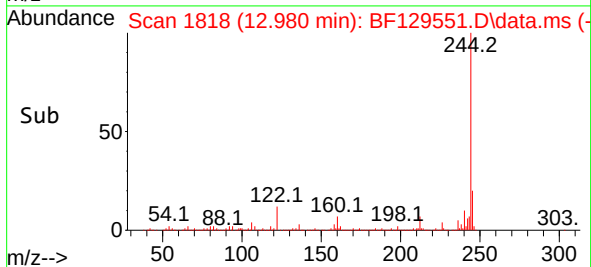
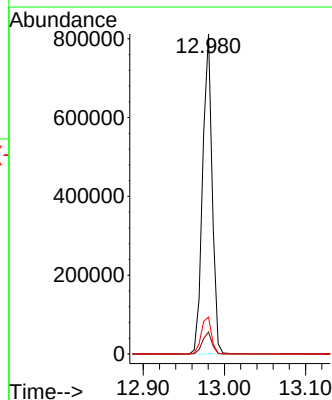
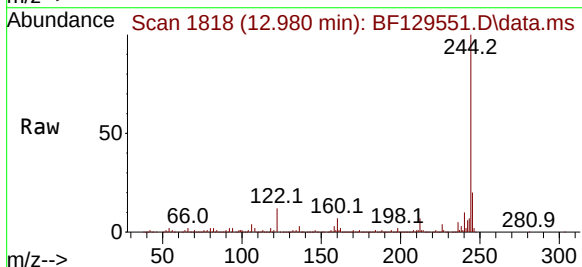
Instrument :
BNA_F
ClientSampleId :
RVE-104

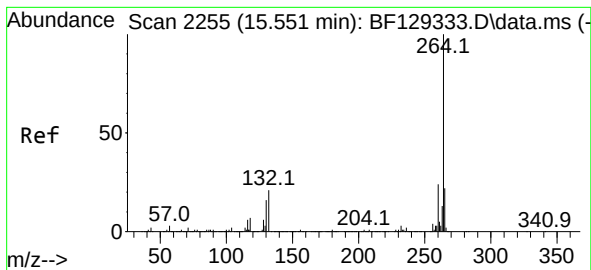
Tgt Ion:240 Resp: 285509
Ion Ratio Lower Upper
240 100
120 12.7 8.9 13.3
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 43.718 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF129551.D
Acq: 03 Aug 2022 21:04

Tgt Ion:244 Resp: 661612
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 11.6 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129551.D
Acq: 03 Aug 2022 21:04

Instrument :
BNA_F
ClientSampleId :
RVE-104

Tgt Ion:264 Resp: 298348

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.2	17.2	25.8

