

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127093.D
 Acq On : 28 Feb 2022 12:02
 Operator : CG\JU
 Sample : N1664-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Feb 28 16:57:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

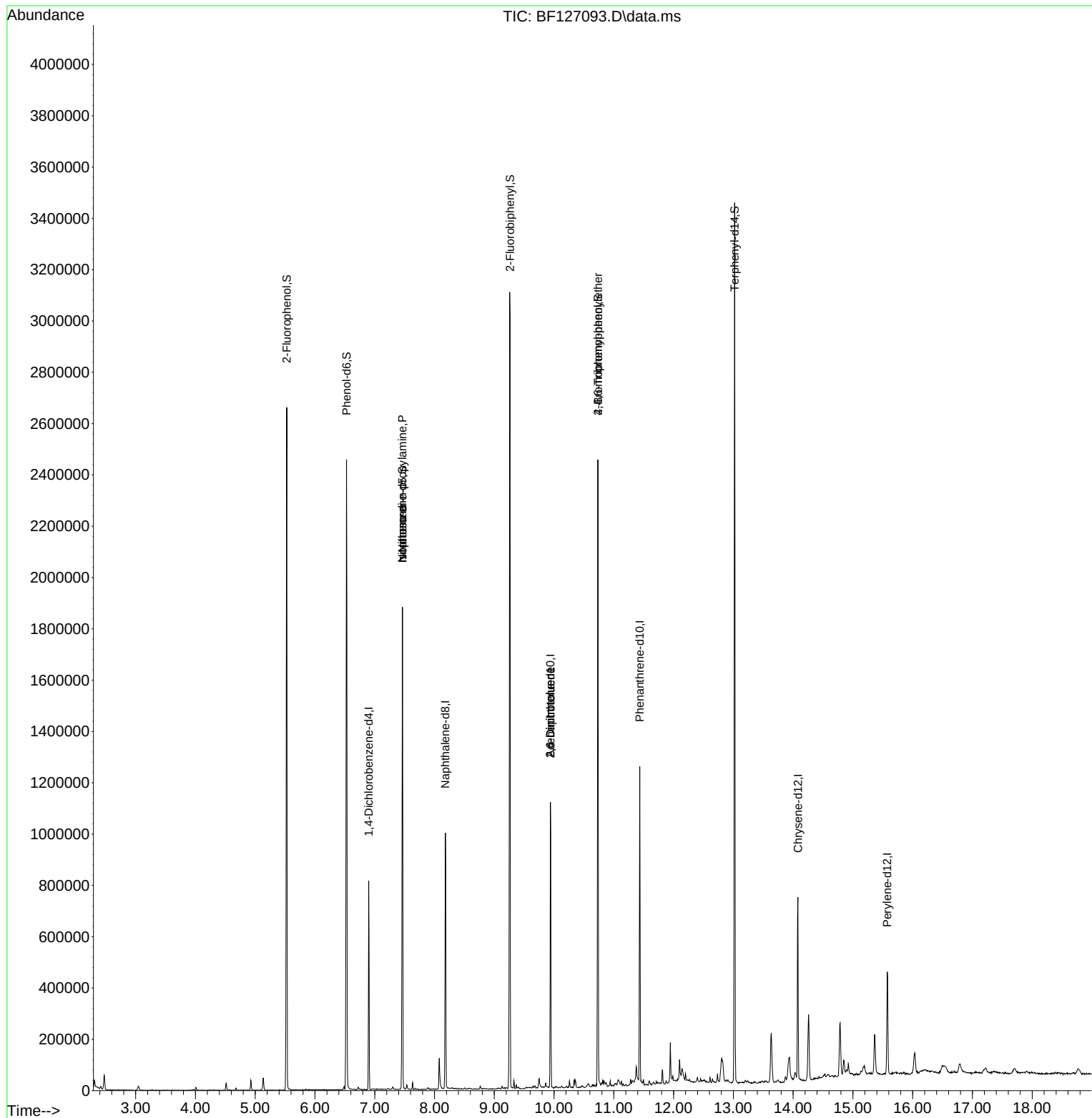
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.899	152	102012	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	415289	20.000	ng	#-0.01
39) Acenaphthene-d10	9.940	164	213789	20.000	ng	-0.01
64) Phenanthrene-d10	11.434	188	377064	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	225751	20.000	ng	# 0.00
86) Perylene-d12	15.575	264	175305	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	631392	95.662	ng	0.00
7) Phenol-d6	6.528	99	825541	92.694	ng	-0.01
23) Nitrobenzene-d5	7.463	82	587430	63.847	ng	-0.01
42) 2,4,6-Tribromophenol	10.734	330	264396	107.413	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	970917	66.858	ng	0.00
79) Terphenyl-d14	13.022	244	1083032	70.525	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	81607	14.220	ng	# 79
25) Isophorone	7.463	82	587344	38.579	ng	# 69
51) 2,6-Dinitrotoluene	9.940	165	28374	9.126	ng	# 22
57) 2,4-Dinitrotoluene	9.940	165	28374	6.750	ng	# 16
67) 4-Bromophenyl-phenylether	10.734	248	15874	3.768	ng	# 1

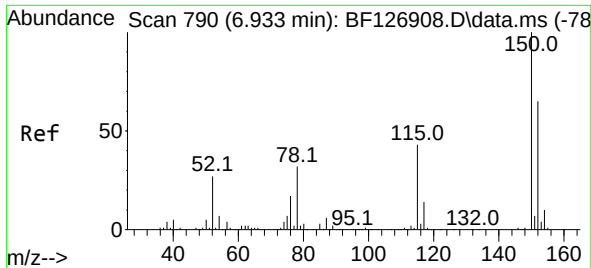
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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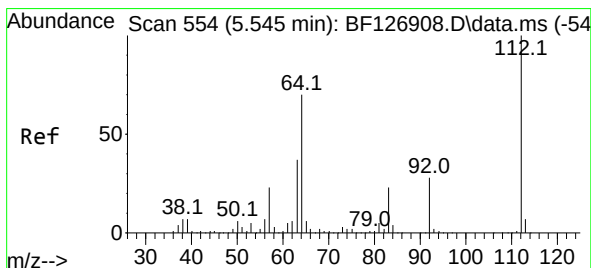
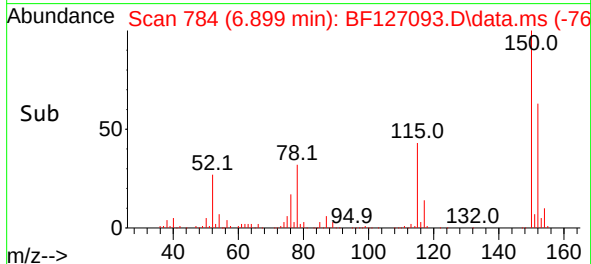
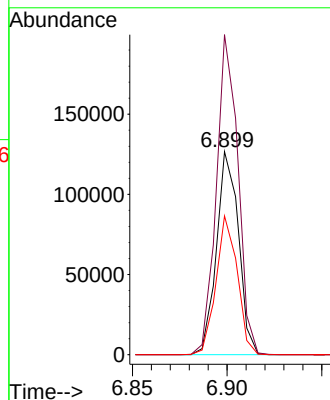
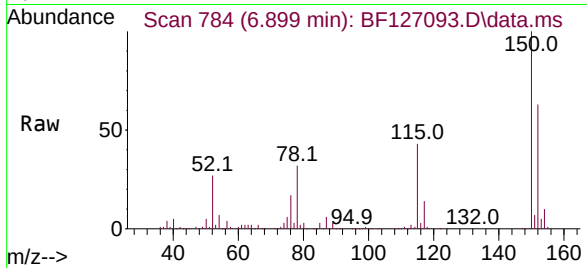




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.899 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

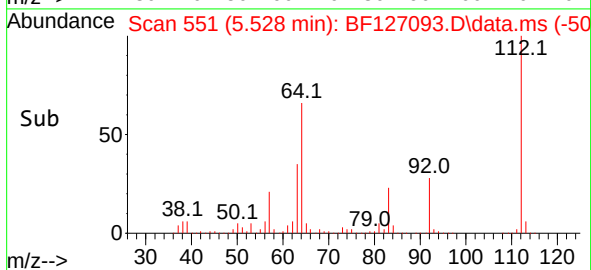
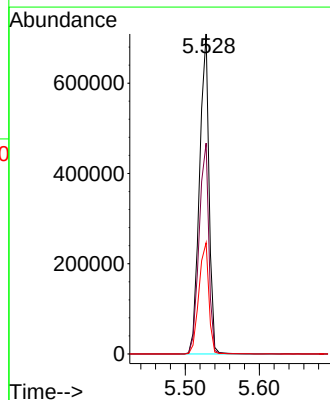
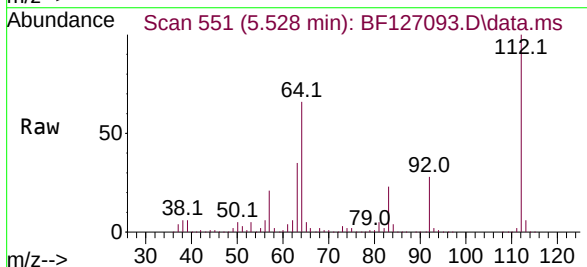
Instrument :
BNA_F
ClientSampleId :
TP-1

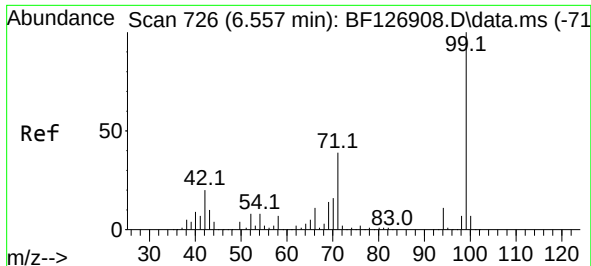
Tgt Ion:152 Resp: 102012
Ion Ratio Lower Upper
152 100
150 157.7 128.1 192.1
115 68.4 56.7 85.1



#5
2-Fluorophenol
Concen: 95.662 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

Tgt Ion:112 Resp: 631392
Ion Ratio Lower Upper
112 100
64 65.9 49.5 74.3
63 34.7 23.9 35.9





#7

Phenol-d6

Concen: 92.694 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.011 min

Lab File: BF127093.D

Acq: 28 Feb 2022 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1

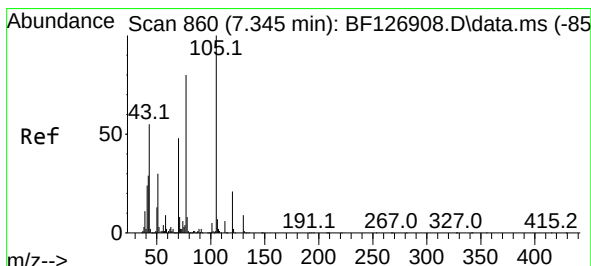
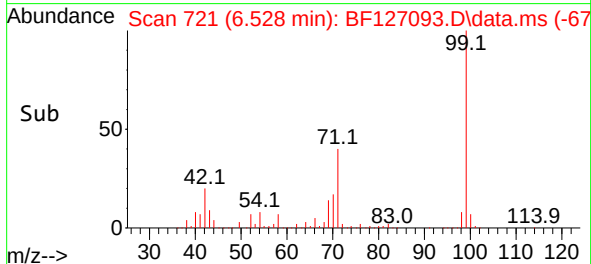
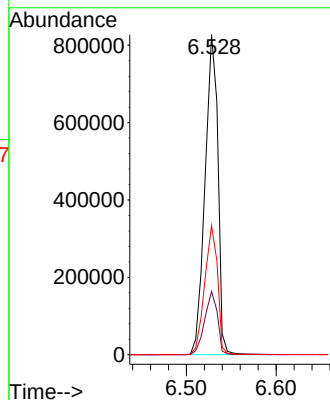
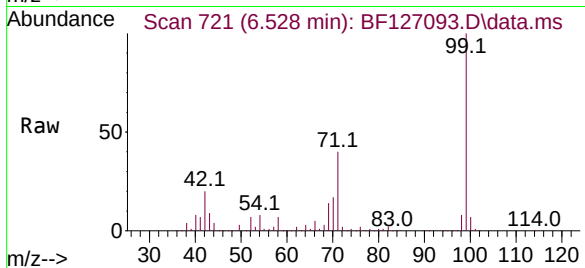
Tgt Ion: 99 Resp: 825541

Ion Ratio Lower Upper

99 100

42 19.8 14.2 21.4

71 40.4 24.3 36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 14.220 ng

RT: 7.463 min Scan# 880

Delta R.T. 0.141 min

Lab File: BF127093.D

Acq: 28 Feb 2022 12:02

Tgt Ion: 70 Resp: 81607

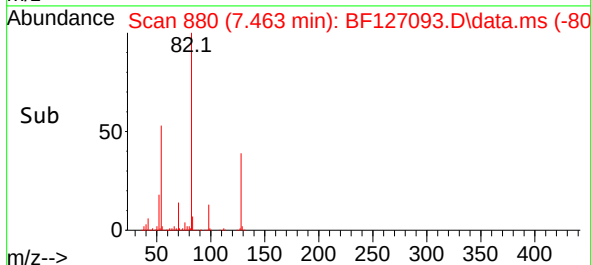
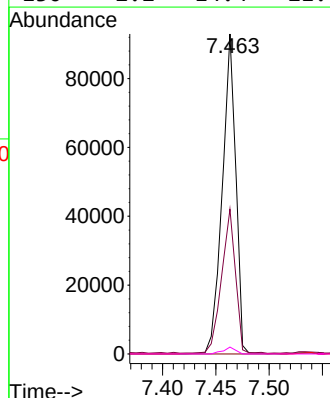
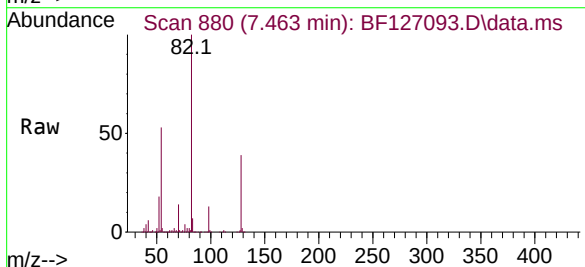
Ion Ratio Lower Upper

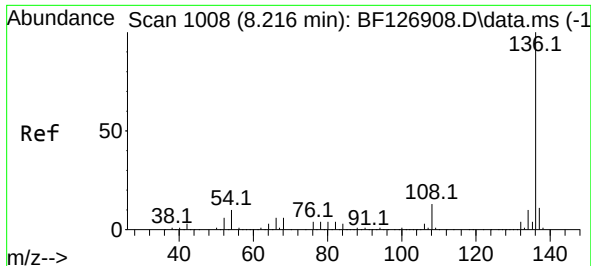
70 100

42 45.3 45.8 68.8#

101 0.0 6.9 10.3#

130 2.2 14.4 21.6#

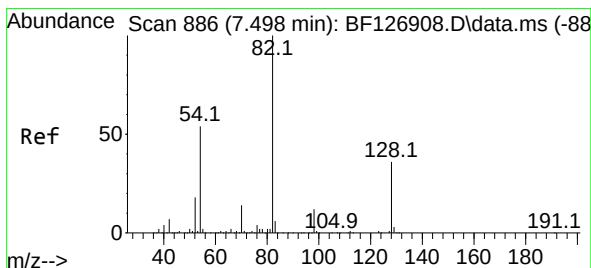
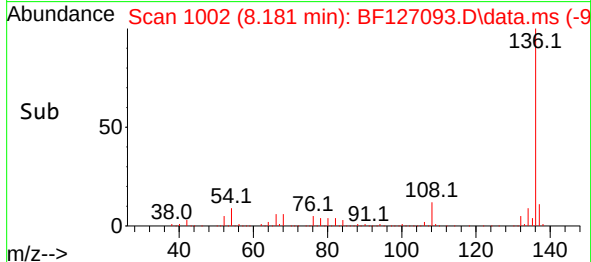
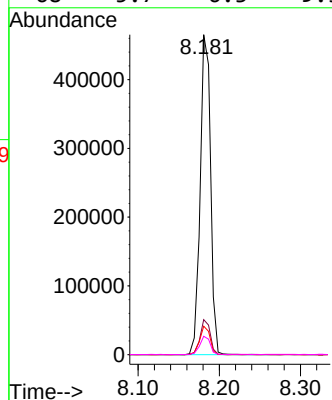
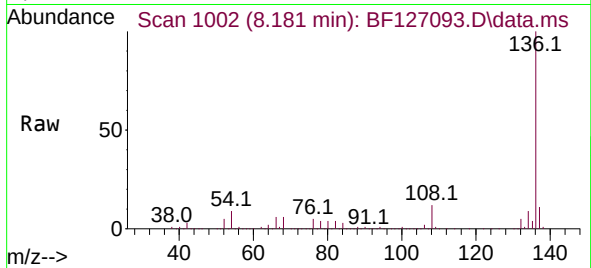




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

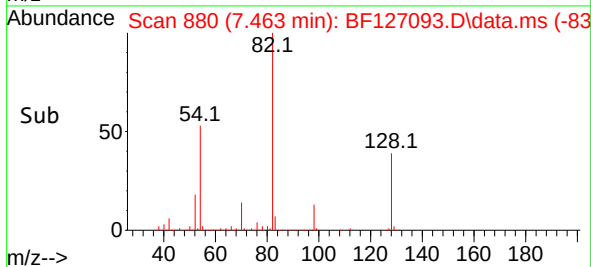
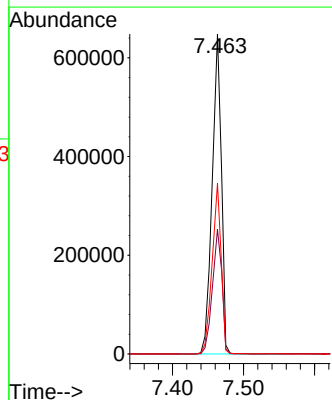
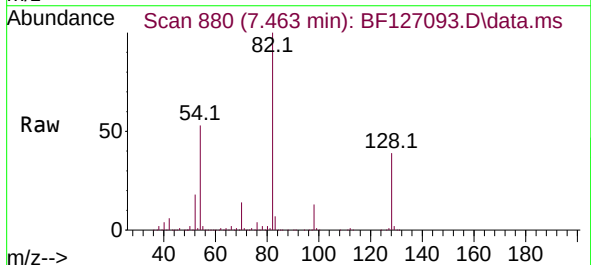
Instrument :
BNA_F
ClientSampleId :
TP-1

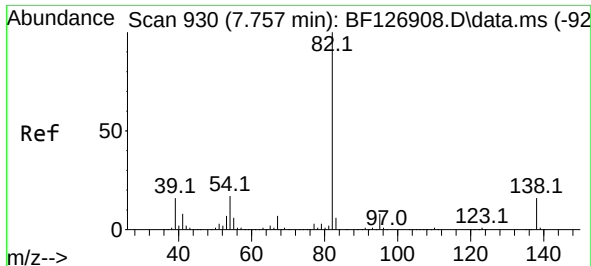
Tgt Ion:136 Resp: 415289
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.9 7.8 11.6
68 5.7 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 63.847 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.011 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

Tgt Ion: 82 Resp: 587430
Ion Ratio Lower Upper
82 100
128 39.0 32.7 49.1
54 53.3 41.7 62.5

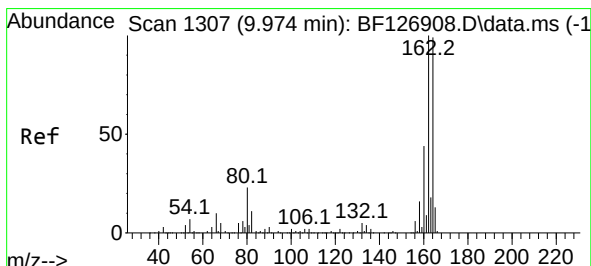
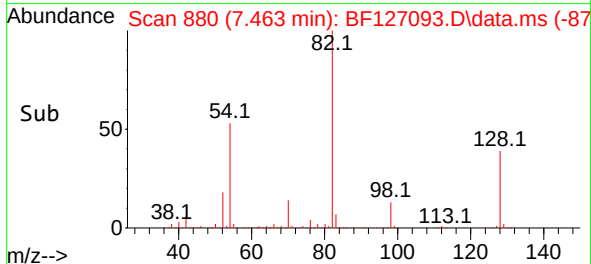
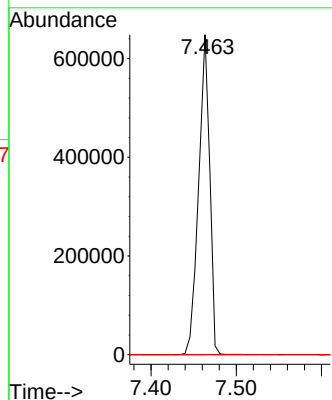
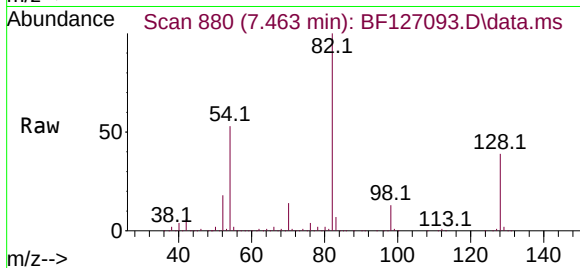




#25
Isophorone
Concen: 38.579 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

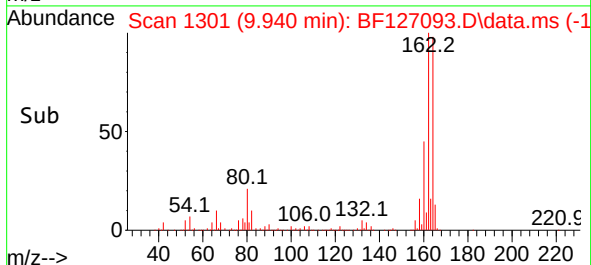
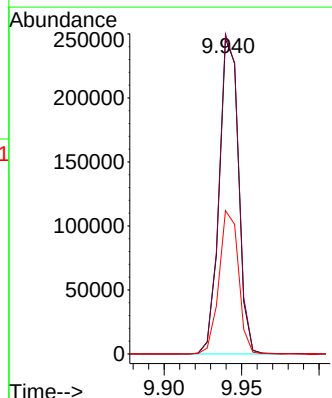
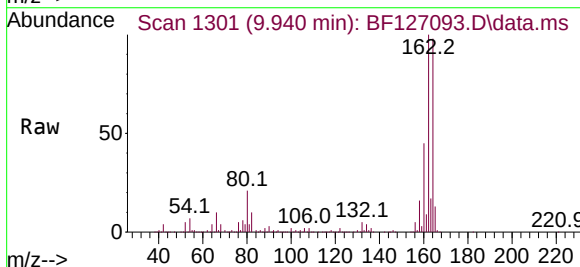
Instrument :
BNA_F
ClientSampleId :
TP-1

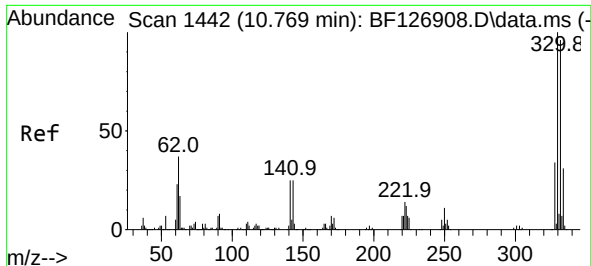
Tgt Ion: 82 Resp: 587344
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.940 min Scan# 1301
Delta R.T. -0.011 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

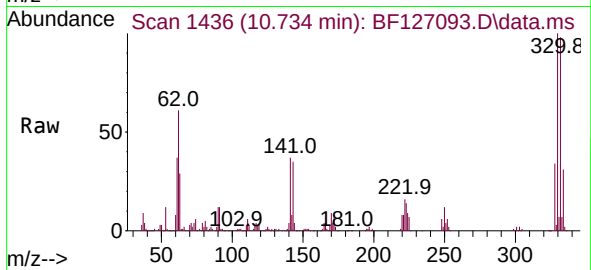
Tgt Ion:164 Resp: 213789
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 45.5 36.6 54.8



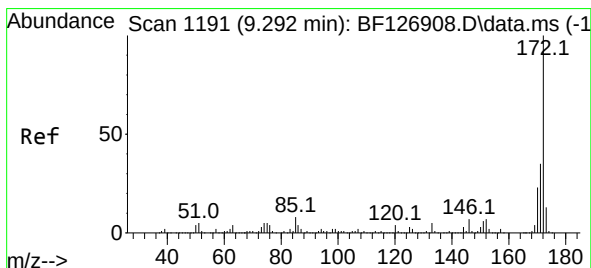
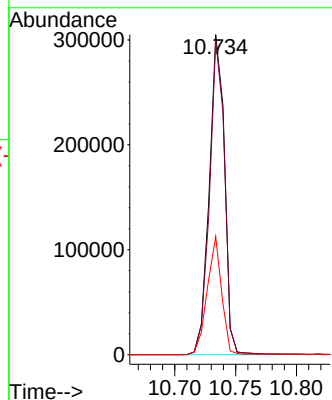
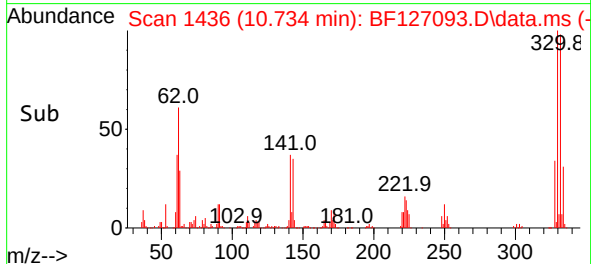


#42
2,4,6-Tribromophenol
Concen: 107.413 ng
RT: 10.734 min Scan# 1442
Delta R.T. -0.011 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

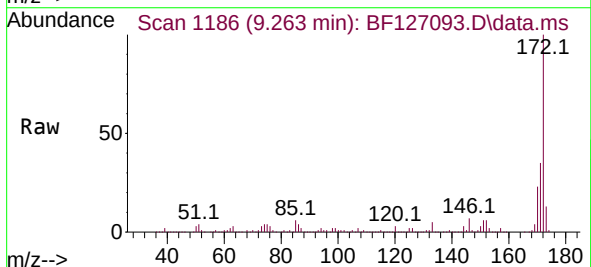
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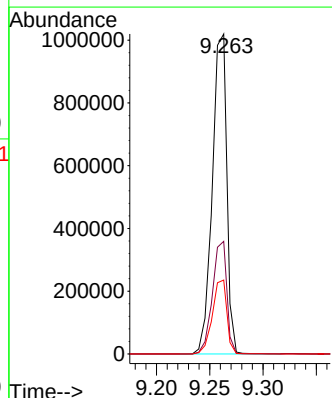
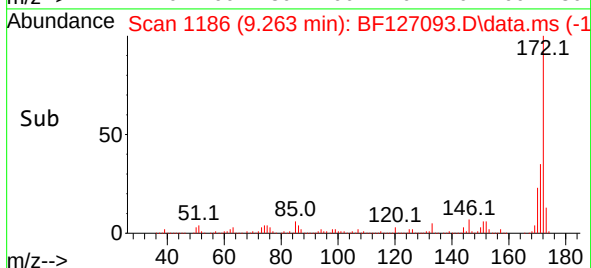
Tgt Ion:330 Resp: 264396
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 35.0 30.1 45.1

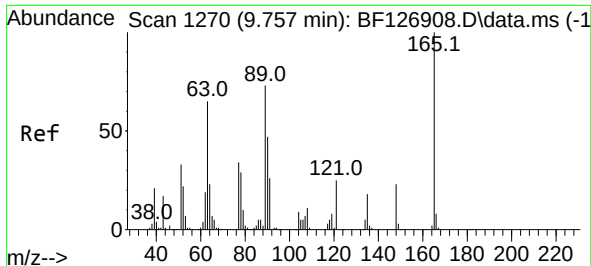


#45
2-Fluorobiphenyl
Concen: 66.858 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02



Tgt Ion:172 Resp: 970917
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.1 19.0 28.6

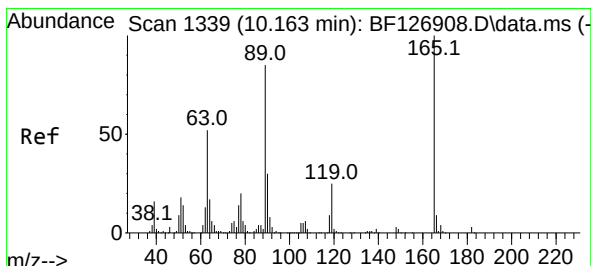
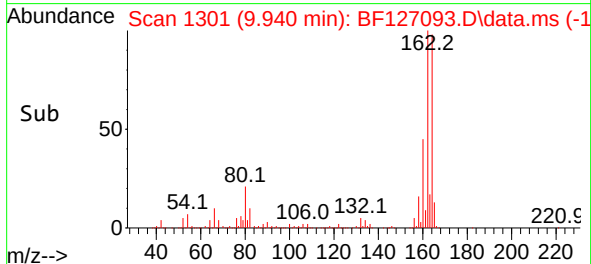
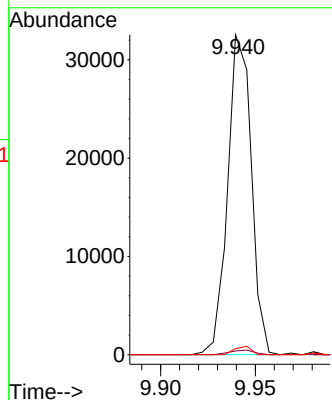
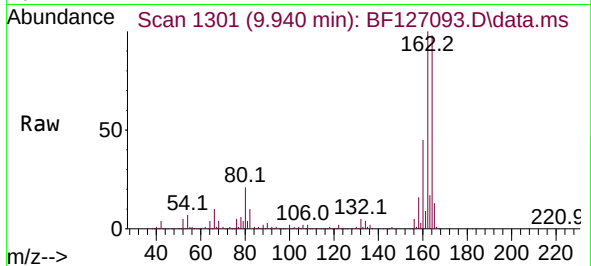




#51
2,6-Dinitrotoluene
Concen: 9.126 ng
RT: 9.940 min Scan# 1301
Delta R.T. 0.206 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

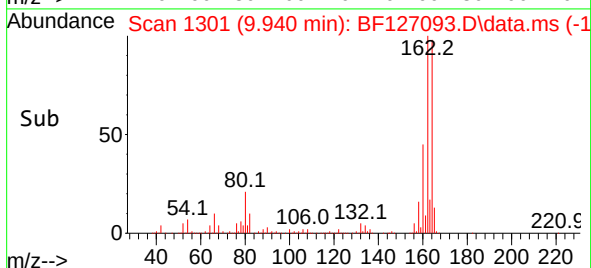
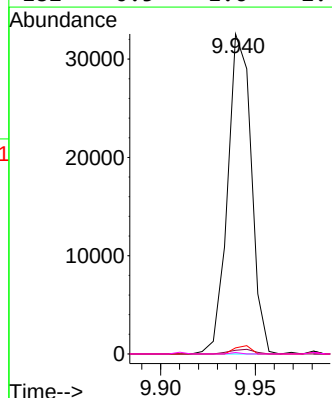
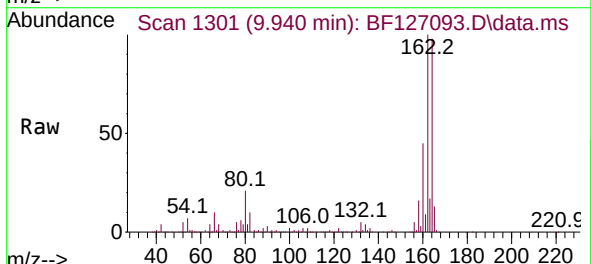
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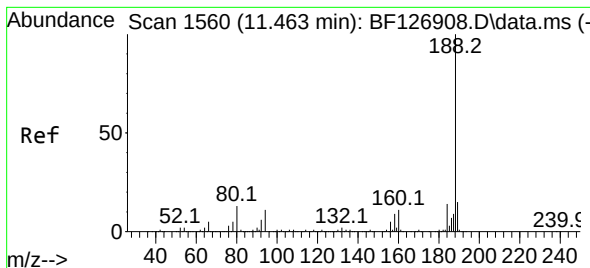
Tgt Ion:165 Resp: 28374
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.9 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.750 ng
RT: 9.940 min Scan# 1301
Delta R.T. -0.200 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

Tgt Ion:165 Resp: 28374
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.9 71.0 106.4#
182 0.5 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.434 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF127093.D

Acq: 28 Feb 2022 12:02

Instrument :

BNA_F

ClientSampleId :

TP-1

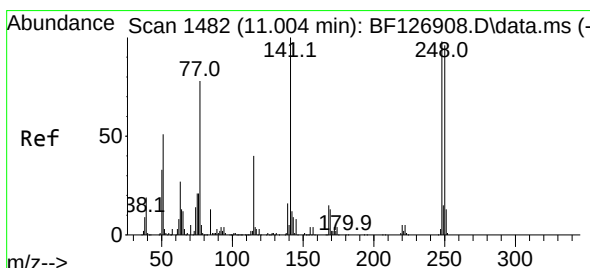
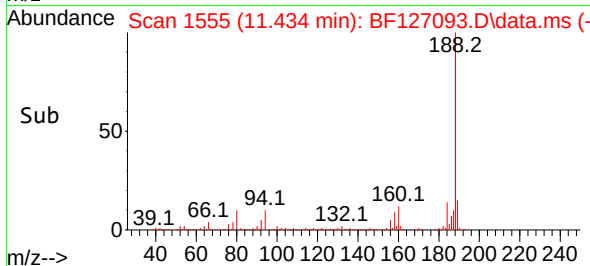
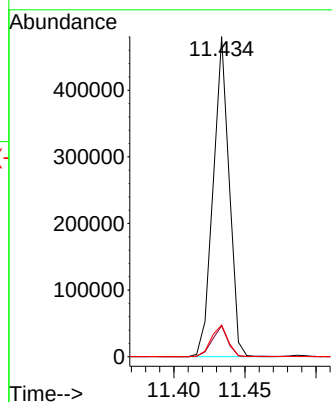
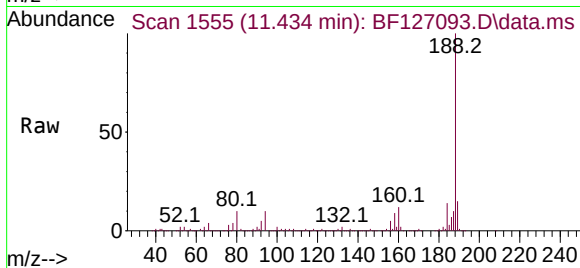
Tgt Ion:188 Resp: 377064

Ion Ratio Lower Upper

188 100

94 9.6 10.1 15.1#

80 9.9 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 3.768 ng

RT: 10.734 min Scan# 1436

Delta R.T. -0.253 min

Lab File: BF127093.D

Acq: 28 Feb 2022 12:02

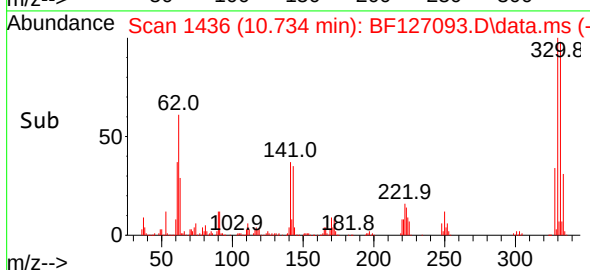
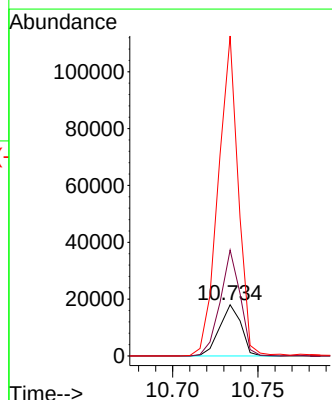
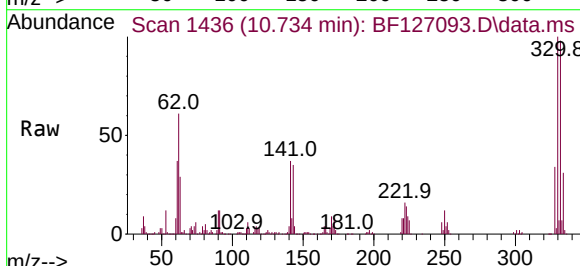
Tgt Ion:248 Resp: 15874

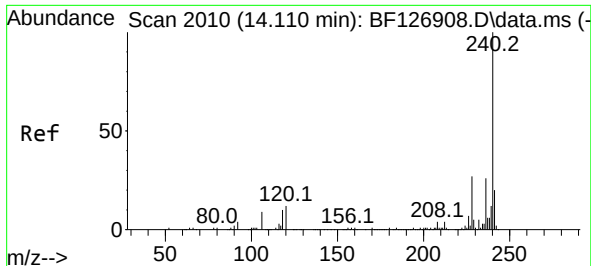
Ion Ratio Lower Upper

248 100

250 206.5 76.2 114.4#

141 623.9 66.2 99.4#

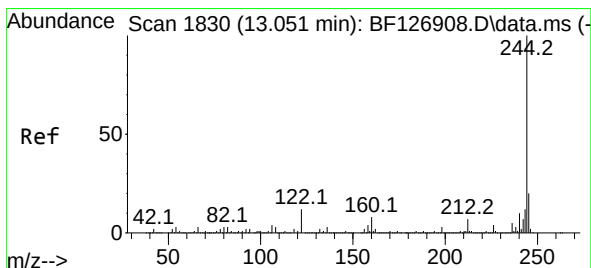
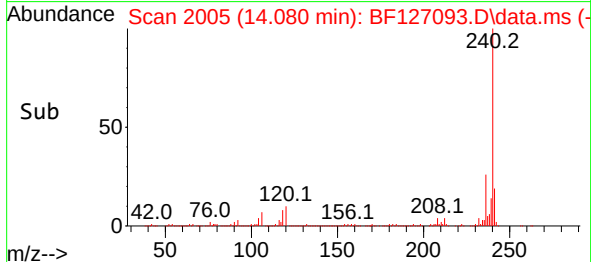
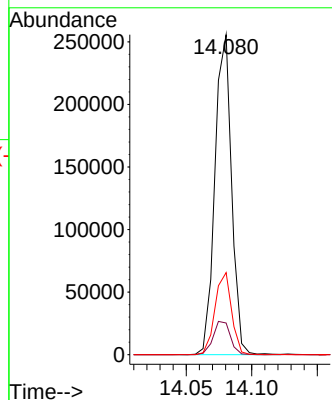
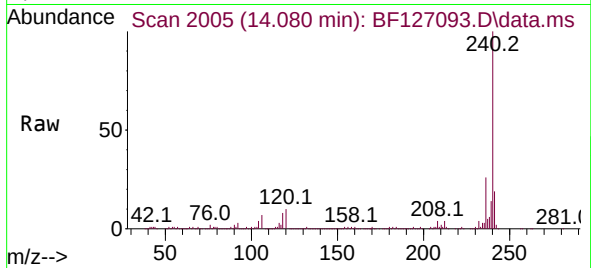




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

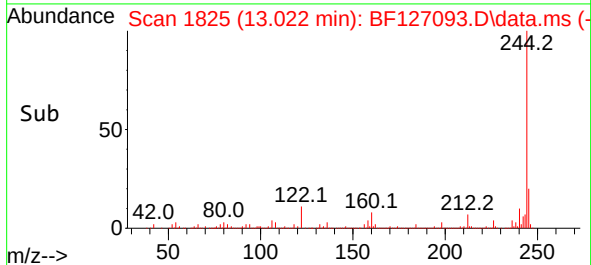
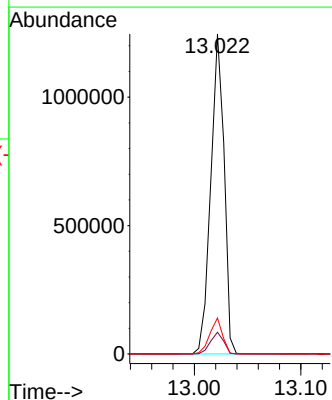
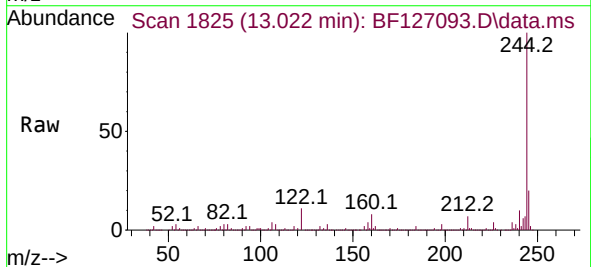
Instrument :
BNA_F
ClientSampleId :
TP-1

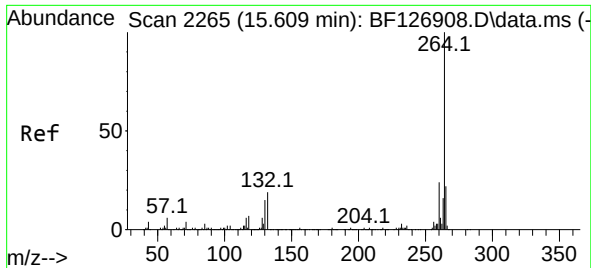
Tgt Ion:240 Resp: 225751
Ion Ratio Lower Upper
240 100
120 9.9 14.4 21.6#
236 25.7 20.5 30.7



#79
Terphenyl-d14
Concen: 70.525 ng
RT: 13.022 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

Tgt Ion:244 Resp: 1083032
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 11.2 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.575 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF127093.D
Acq: 28 Feb 2022 12:02

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 175305
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 19.8 17.4 26.2

