

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128062.D
 Acq On : 04 May 2022 10:28
 Operator : CG\JU
 Sample : PB144541BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144541BL

Quant Time: May 05 06:00:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

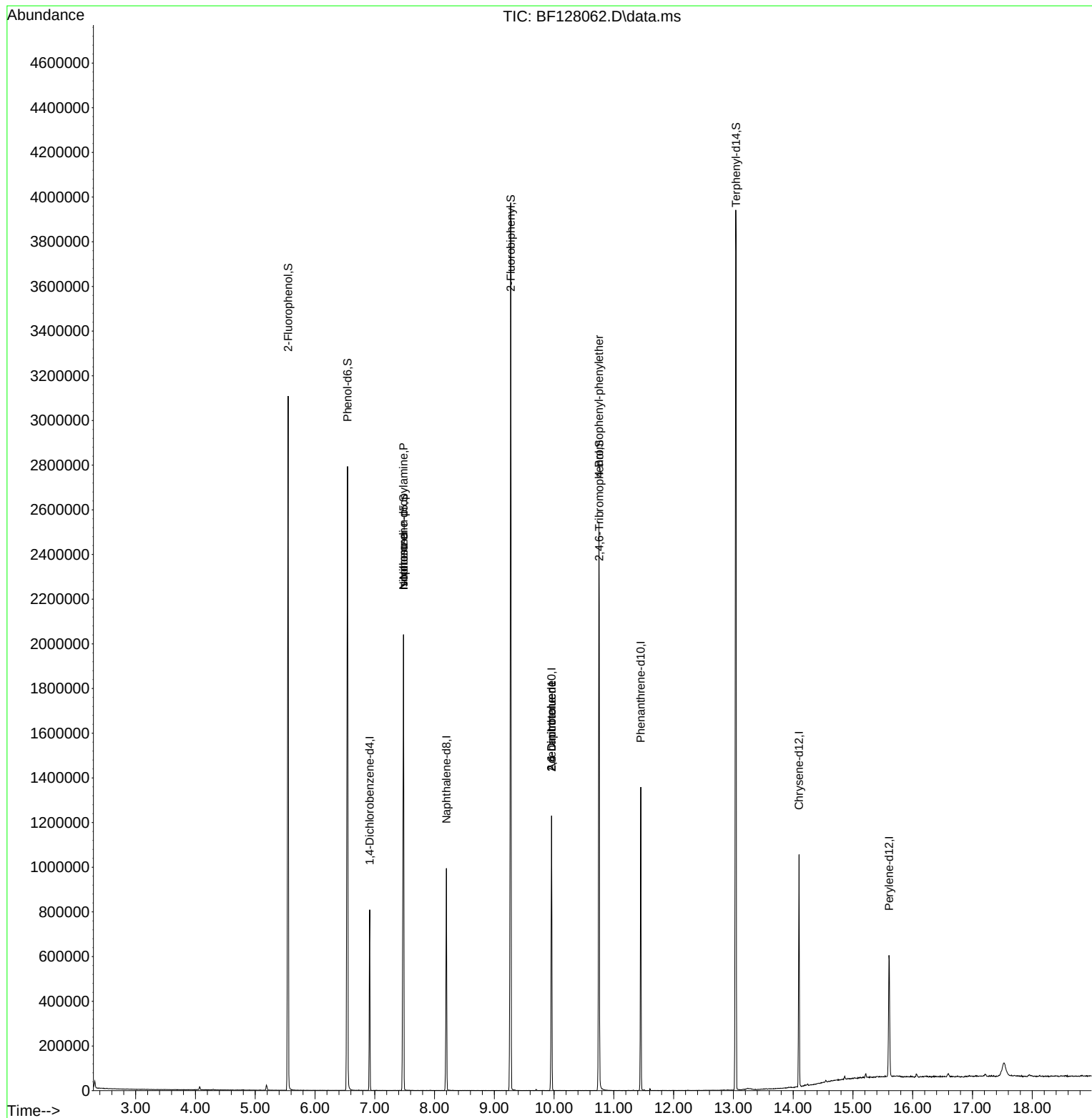
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	108188	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	433382	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	251910	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	462595	20.000	ng	0.00
76) Chrysene-d12	14.098	240	329796	20.000	ng	0.00
86) Perylene-d12	15.604	264	260729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	819070	120.586	ng	0.01
7) Phenol-d6	6.545	99	1067361	121.104	ng	0.00
23) Nitrobenzene-d5	7.481	82	786134	85.299	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	324607	128.005	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1318655	88.556	ng	0.00
79) Terphenyl-d14	13.045	244	1544456	85.633	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.481	70	106380	19.718	ng	# 80
25) Isophorone	7.481	82	786127	50.680	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	32811	8.970	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	32811	6.772	ng	# 25
67) 4-Bromophenyl-phenylether	10.751	248	19713	3.844	ng	# 1

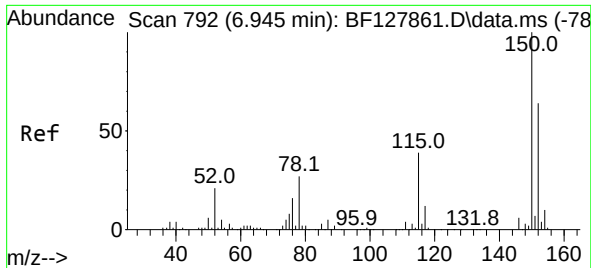
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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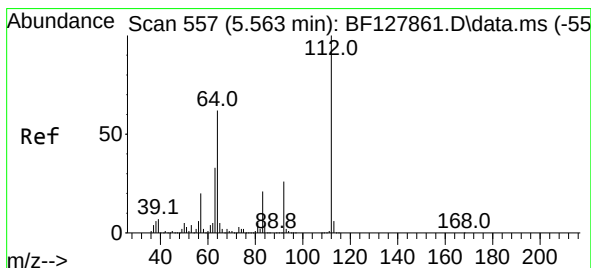
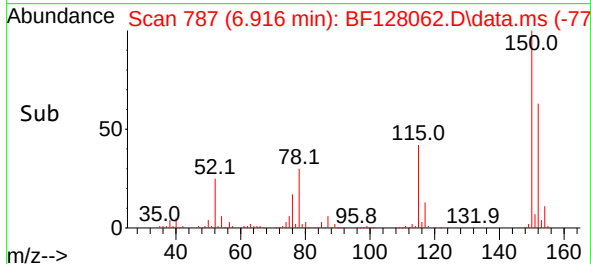
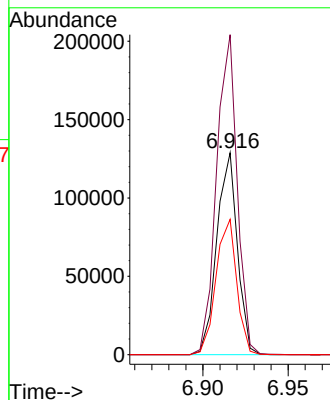
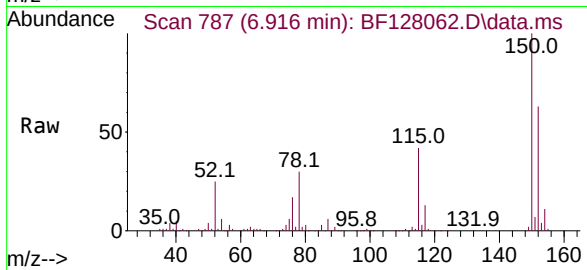




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF128062.D
Acq: 04 May 2022 10:28

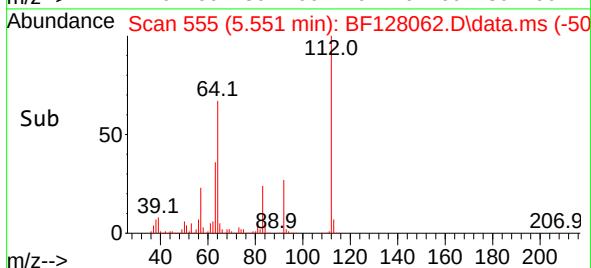
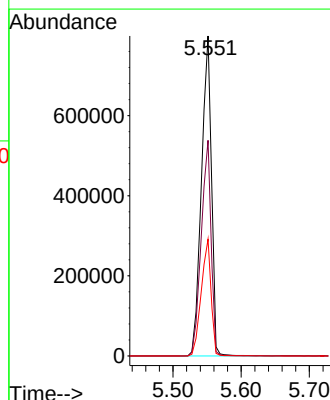
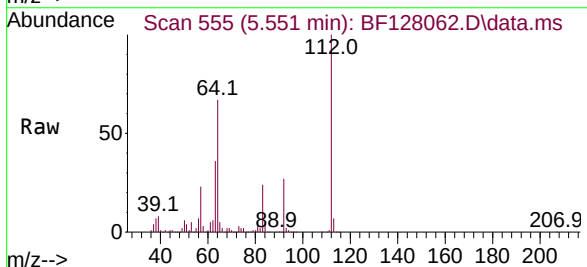
Instrument :
BNA_F
ClientSampleId :
PB144541BL

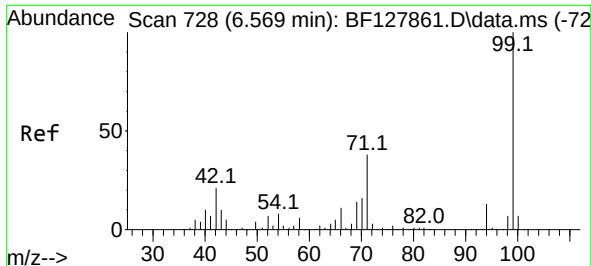
Tgt Ion:152 Resp: 108188
Ion Ratio Lower Upper
152 100
150 158.5 125.3 187.9
115 67.1 48.8 73.2



#5
2-Fluorophenol
Concen: 120.586 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.012 min
Lab File: BF128062.D
Acq: 04 May 2022 10:28

Tgt Ion:112 Resp: 819070
Ion Ratio Lower Upper
112 100
64 67.4 49.5 74.3
63 36.5 26.3 39.5

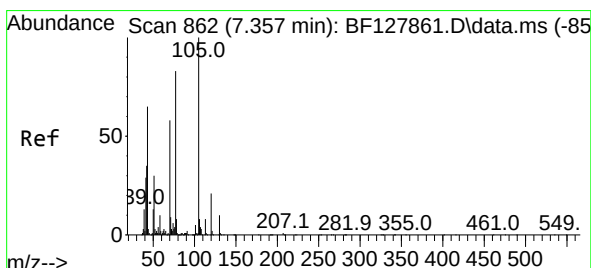
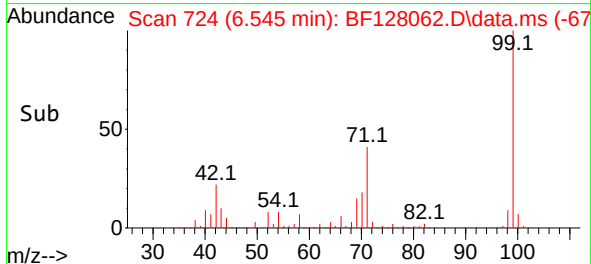
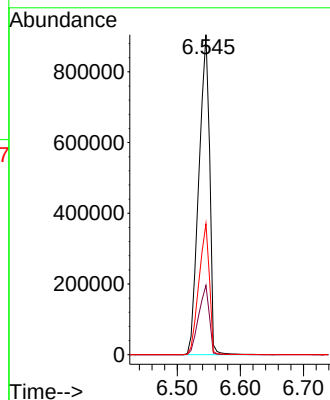
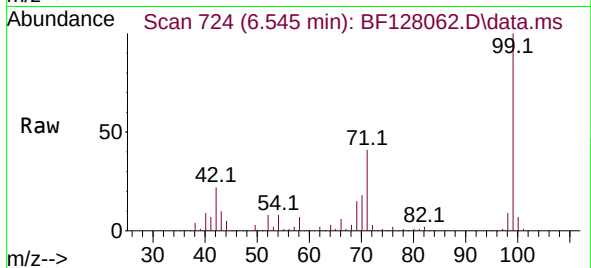




#7
Phenol-d6
Concen: 121.104 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128062.D
Acq: 04 May 2022 10:28

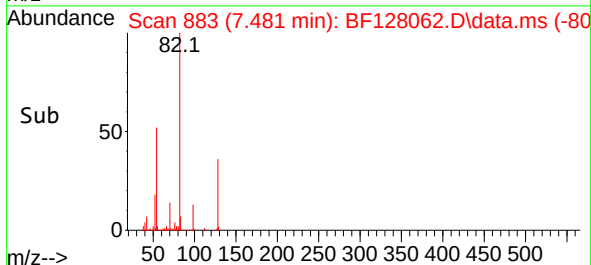
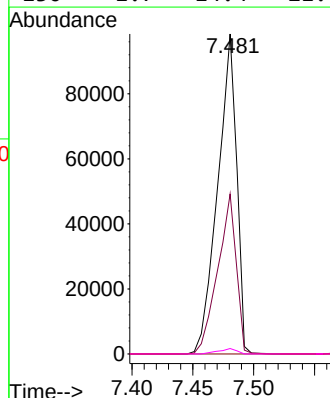
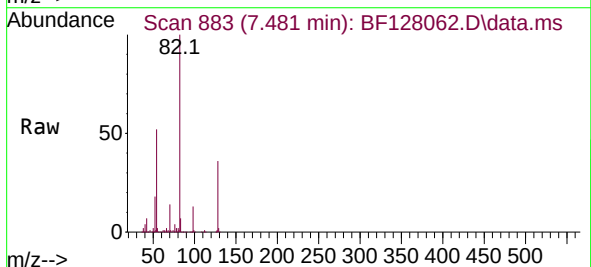
Instrument :
BNA_F
ClientSampleId :
PB144541BL

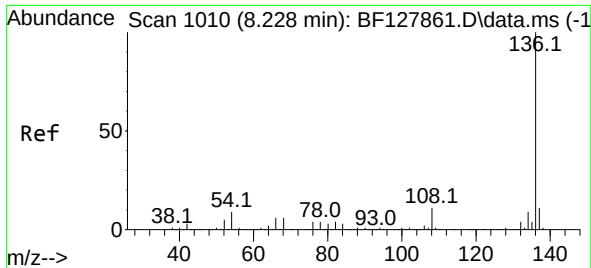
Tgt Ion: 99 Resp: 1067361
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 40.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.718 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF128062.D
Acq: 04 May 2022 10:28

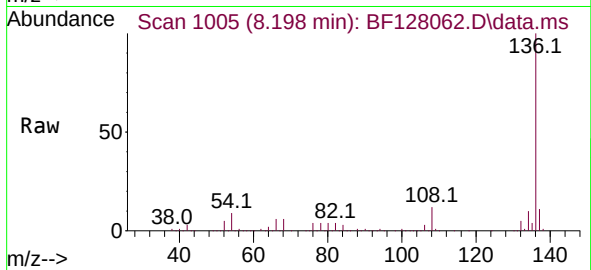
Tgt Ion: 70 Resp: 106380
Ion Ratio Lower Upper
70 100
42 50.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#



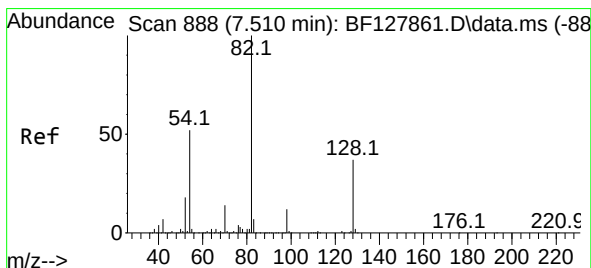
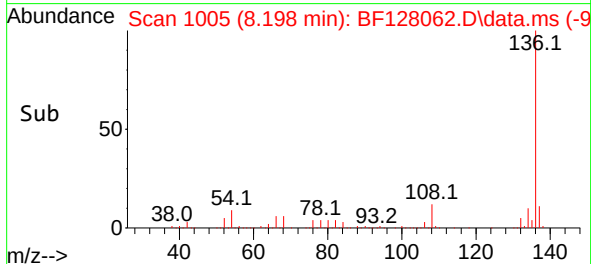
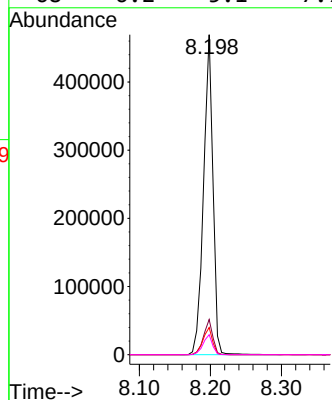


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128062.D
Acq: 04 May 2022 10:28

Instrument :
BNA_F
ClientSampleId :
PB144541BL

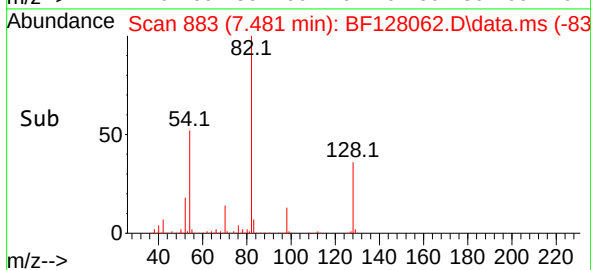
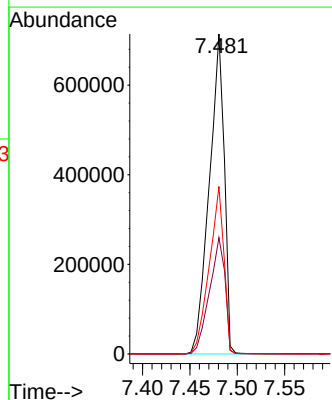
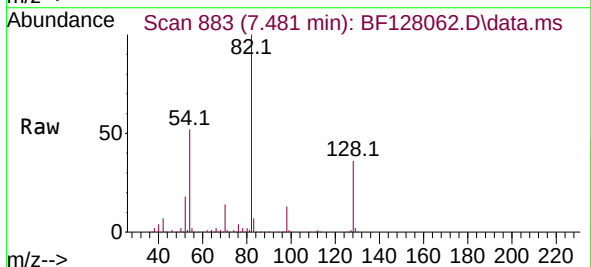


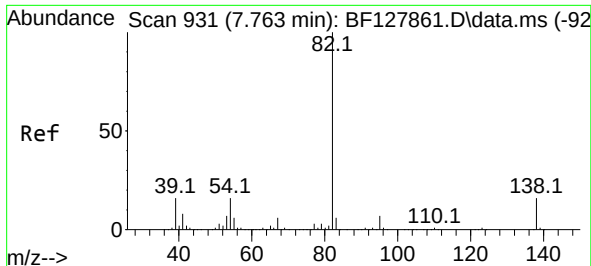
Tgt Ion:	136	Resp:	433382
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	8.5	6.8	10.2
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 85.299 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128062.D
Acq: 04 May 2022 10:28

Tgt Ion:	82	Resp:	786134
Ion Ratio	Lower	Upper	
82	100		
128	36.3	30.0	45.0
54	52.4	41.3	61.9

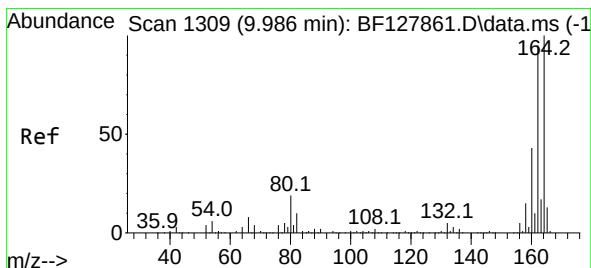
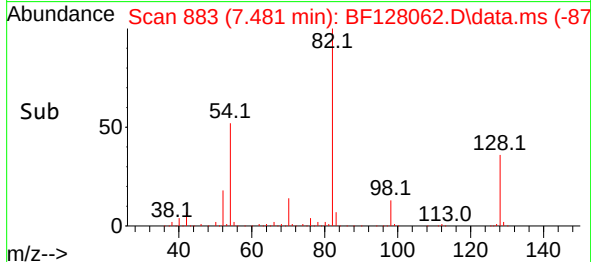
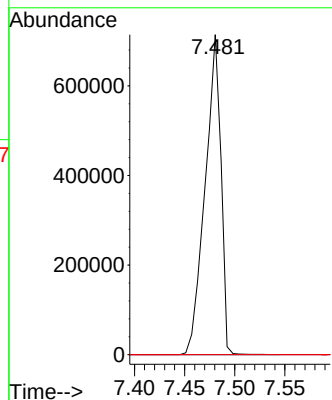
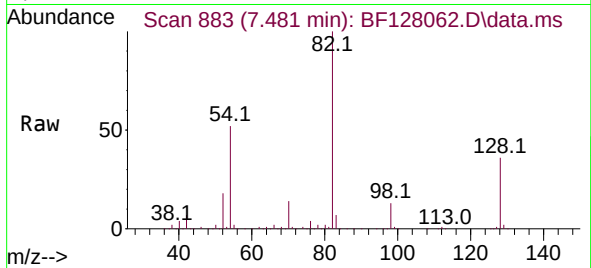




#25
Isophorone
Concen: 50.680 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128062.D
Acq: 04 May 2022 10:28

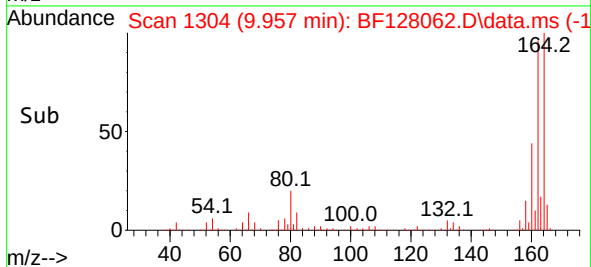
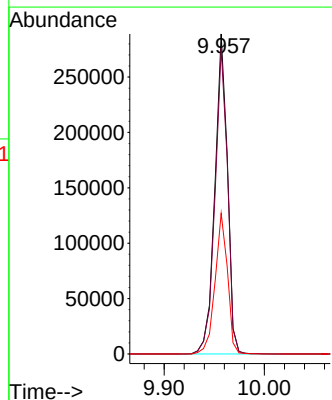
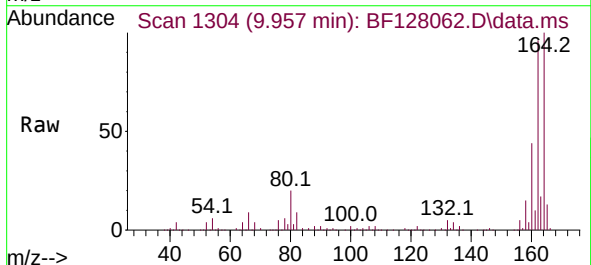
Instrument :
BNA_F
ClientSampleId :
PB144541BL

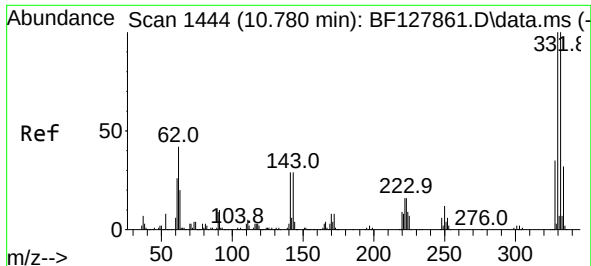
Tgt Ion: 82 Resp: 786127
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128062.D
Acq: 04 May 2022 10:28

Tgt Ion: 164 Resp: 251910
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 44.0 34.8 52.2

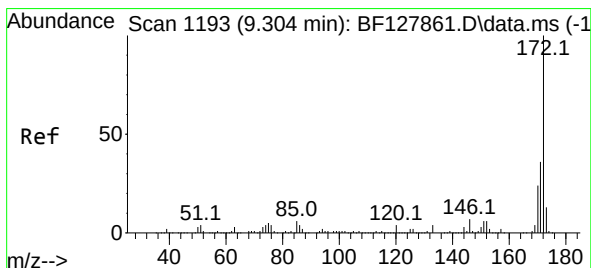
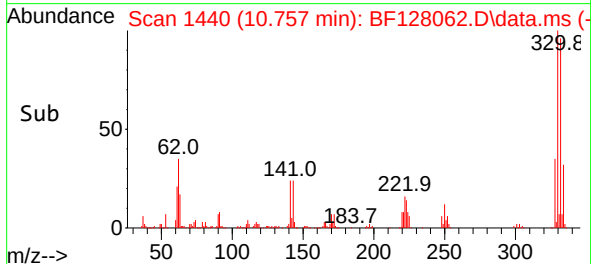
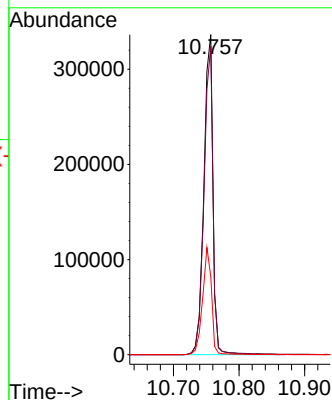
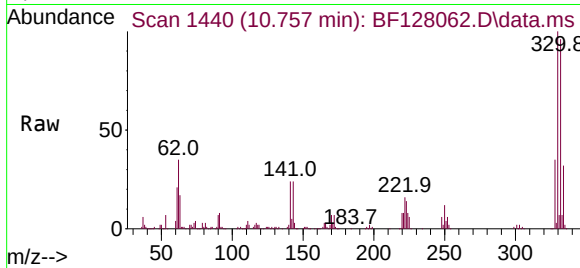




#42
2,4,6-Tribromophenol
Concen: 128.005 ng
RT: 10.757 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF128062.D
Acq: 04 May 2022 10:28

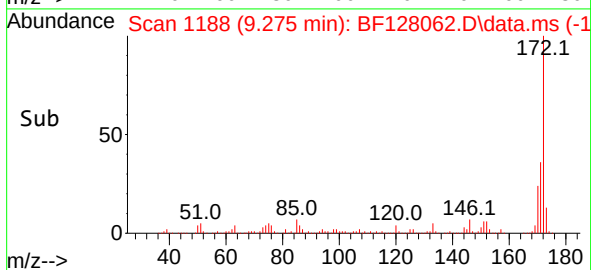
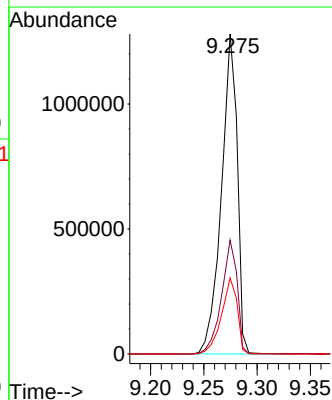
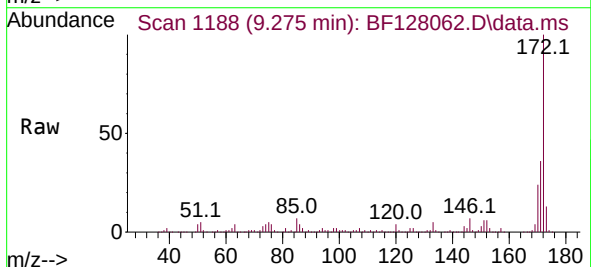
Instrument :
BNA_F
ClientSampleId :
PB144541BL

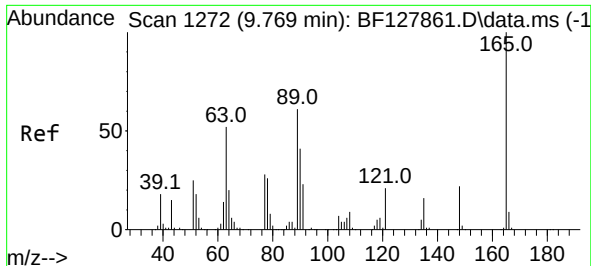
Tgt Ion:330 Resp: 324607
Ion Ratio Lower Upper
330 100
332 95.9 79.0 118.4
141 33.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 88.556 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF128062.D
Acq: 04 May 2022 10:28

Tgt Ion:172 Resp: 1318655
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.970 ng

RT: 9.957 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128062.D

Acq: 04 May 2022 10:28

Instrument :

BNA_F

ClientSampleId :

PB144541BL

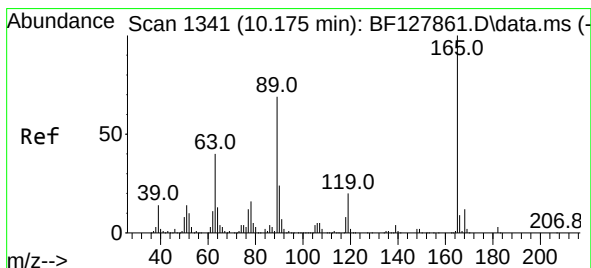
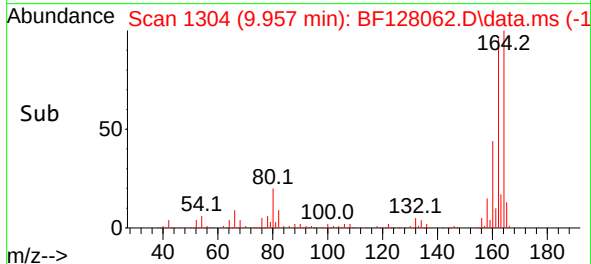
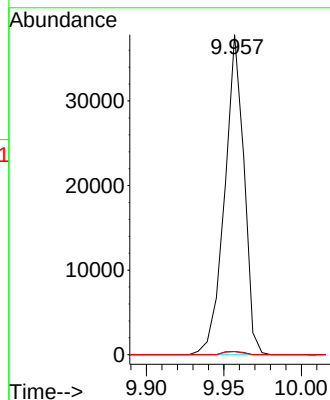
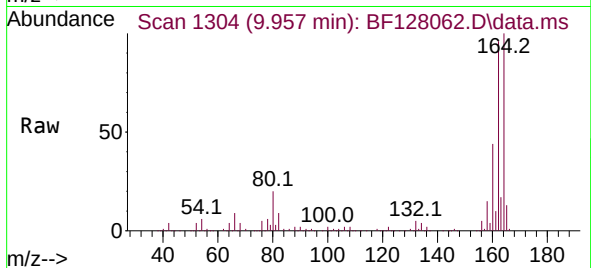
Tgt Ion:165 Resp: 32811

Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 0.9 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.772 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.200 min

Lab File: BF128062.D

Acq: 04 May 2022 10:28

Tgt Ion:165 Resp: 32811

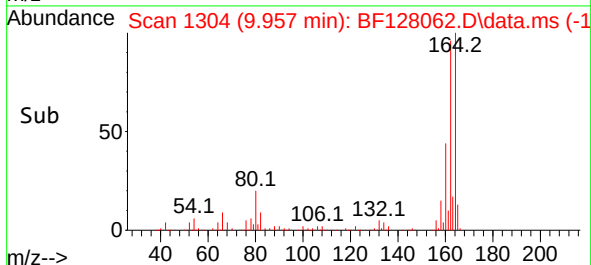
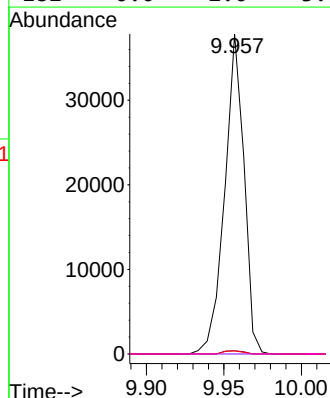
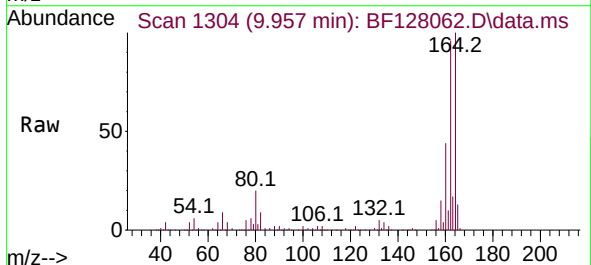
Ion Ratio Lower Upper

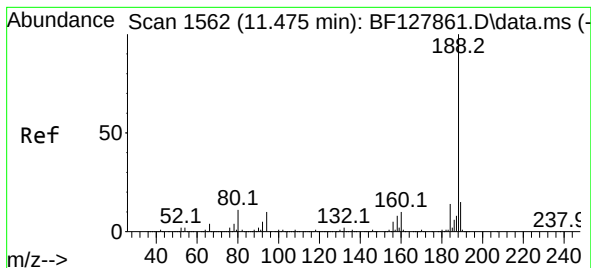
165 100

63 1.0 32.6 49.0#

89 0.9 55.2 82.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128062.D

Acq: 04 May 2022 10:28

Instrument :

BNA_F

ClientSampleId :

PB144541BL

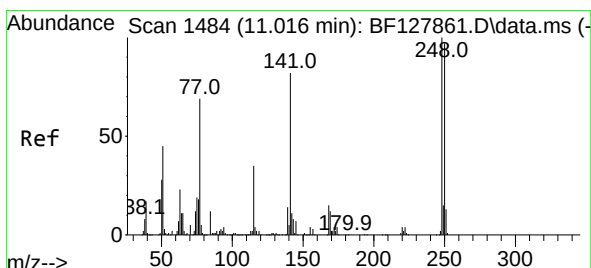
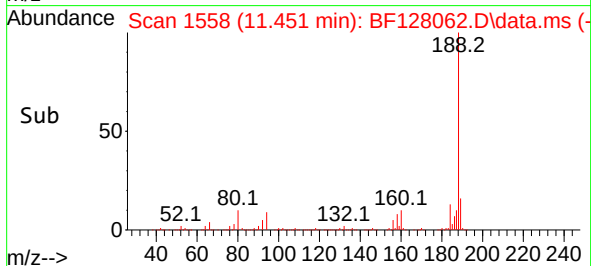
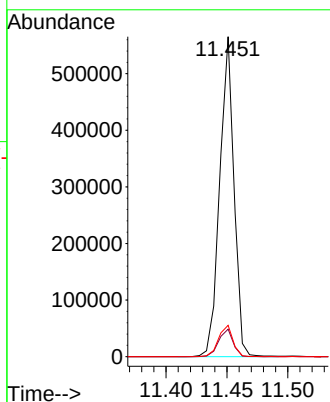
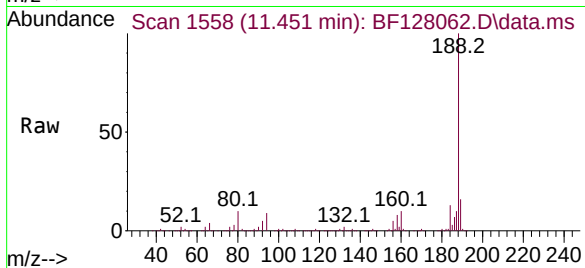
Tgt Ion:188 Resp: 462595

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

80 9.8 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.844 ng

RT: 10.751 min Scan# 1439

Delta R.T. -0.247 min

Lab File: BF128062.D

Acq: 04 May 2022 10:28

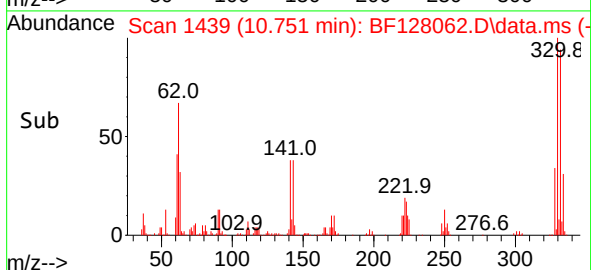
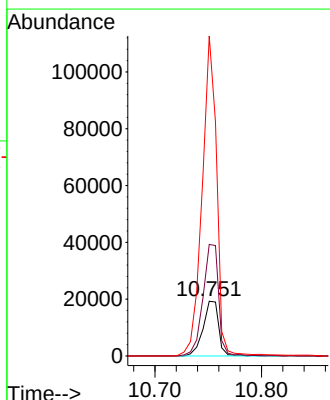
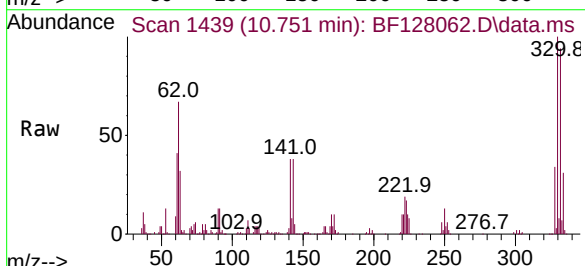
Tgt Ion:248 Resp: 19713

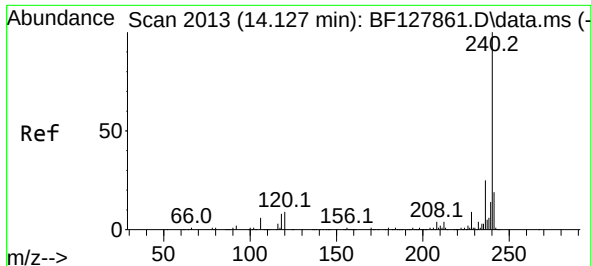
Ion Ratio Lower Upper

248 100

250 203.6 77.7 116.5#

141 584.5 65.6 98.4#

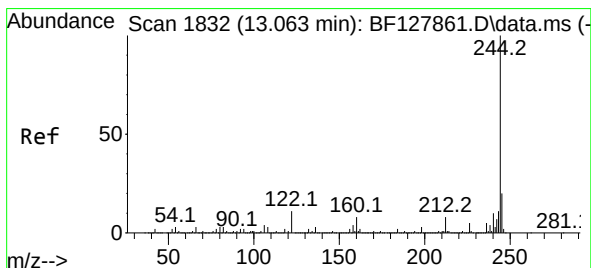
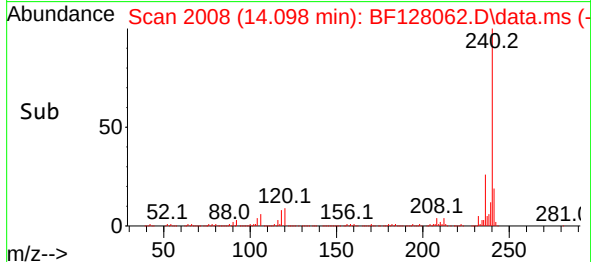
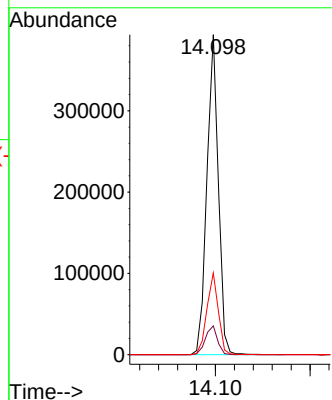
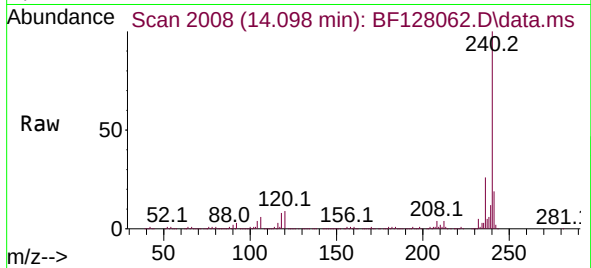




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128062.D
Acq: 04 May 2022 10:28

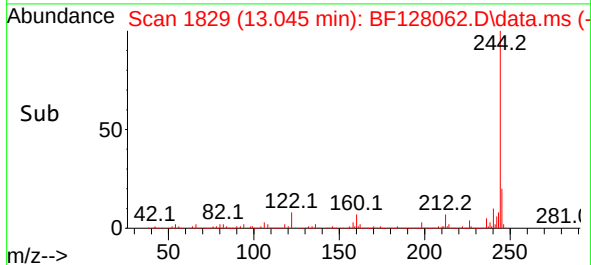
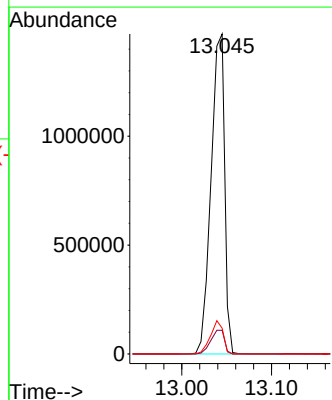
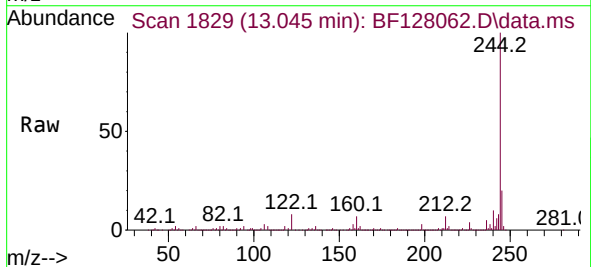
Instrument :
BNA_F
ClientSampleId :
PB144541BL

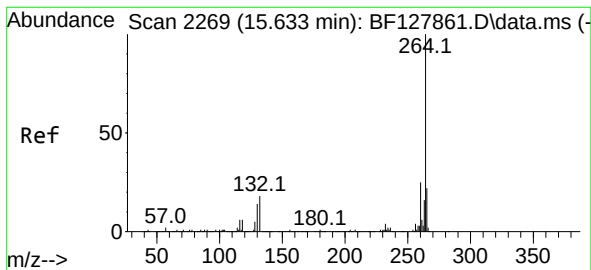
Tgt Ion:240 Resp: 329796
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 25.6 20.3 30.5



#79
Terphenyl-d14
Concen: 85.633 ng
RT: 13.045 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF128062.D
Acq: 04 May 2022 10:28

Tgt Ion:244 Resp: 1544456
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 8.1 8.6 12.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128062.D

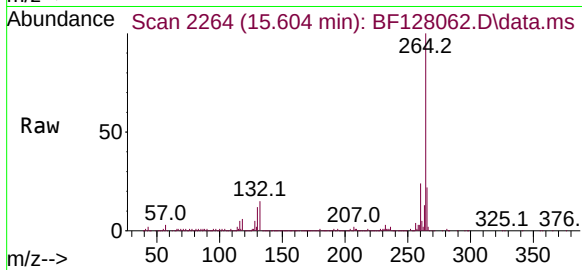
Acq: 04 May 2022 10:28

Instrument :

BNA_F

ClientSampleId :

PB144541BL



Tgt Ion:264 Resp: 260729

Ion Ratio Lower Upper

264 100

260 23.9 20.1 30.1

265 21.7 17.5 26.3

