

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127070.D
 Acq On : 25 Feb 2022 14:52
 Operator : CG\JU
 Sample : N1657-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUP-5

Quant Time: Feb 26 01:39:09 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)

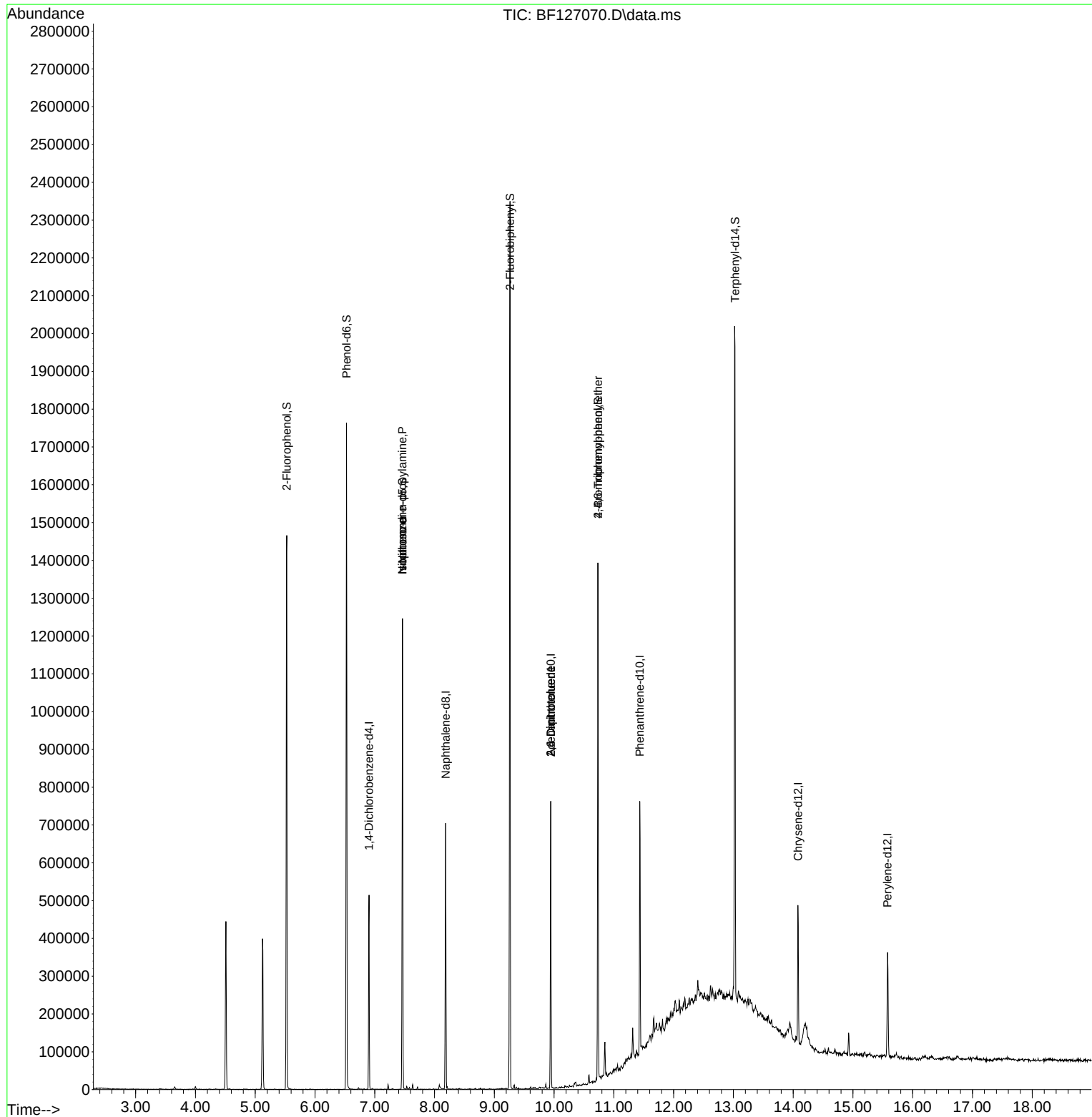
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	65019	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	261578	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	133410	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	222044	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	113617	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	114034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	352398	83.769	ng	0.00
7) Phenol-d6	6.528	99	503458	88.692	ng	-0.01
23) Nitrobenzene-d5	7.463	82	378354	65.288	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	136311	88.742	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	632617	69.808	ng	0.00
79) Terphenyl-d14	13.027	244	600603	77.709	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	53445	14.612	ng	# 82
25) Isophorone	7.463	82	377095	39.324	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	16951	8.737	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	16951	6.462	ng	# 15
67) 4-Bromophenyl-phenylether	10.733	248	8789	3.543	ng	# 1

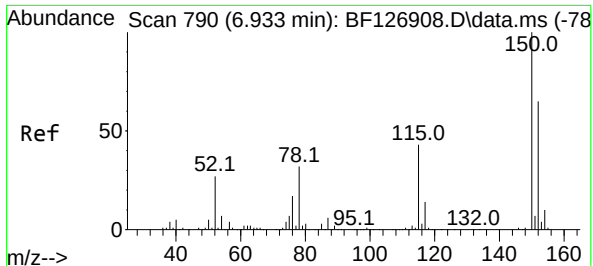
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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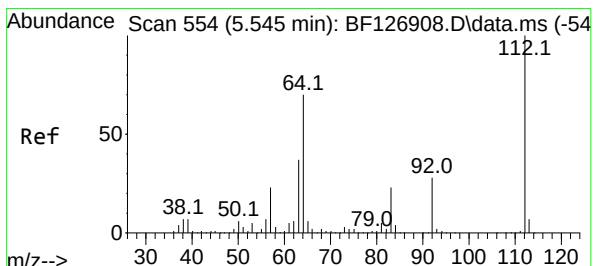
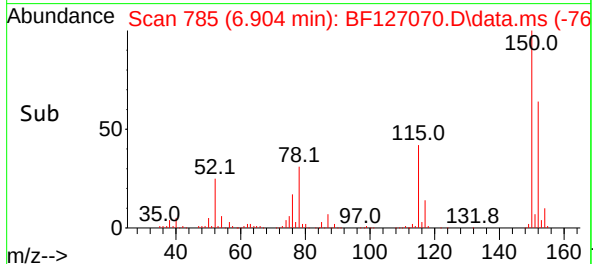
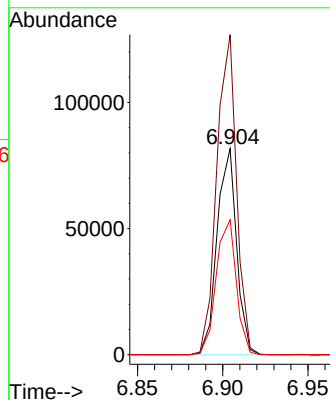
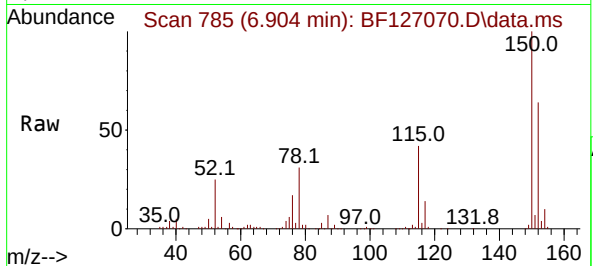




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127070.D
Acq: 25 Feb 2022 14:52

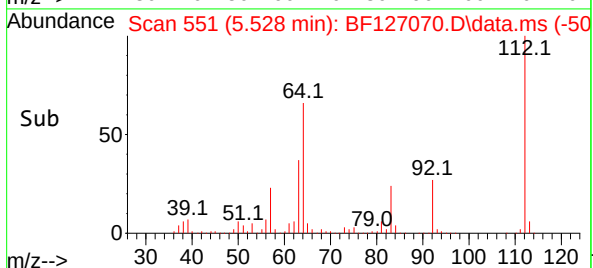
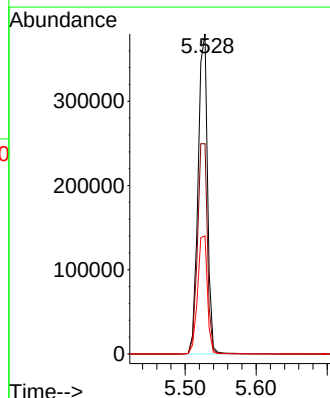
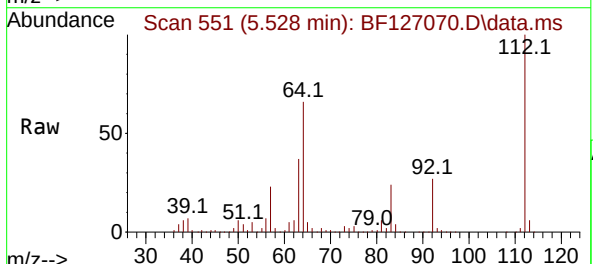
Instrument :
BNA_F
ClientSampleId :
GROUP-5

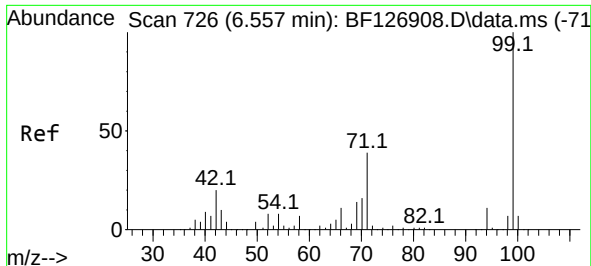
Tgt Ion:152 Resp: 65019
Ion Ratio Lower Upper
152 100
150 155.2 128.1 192.1
115 65.4 56.7 85.1



#5
2-Fluorophenol
Concen: 83.769 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF127070.D
Acq: 25 Feb 2022 14:52

Tgt Ion:112 Resp: 352398
Ion Ratio Lower Upper
112 100
64 65.7 49.5 74.3
63 36.9 23.9 35.9#

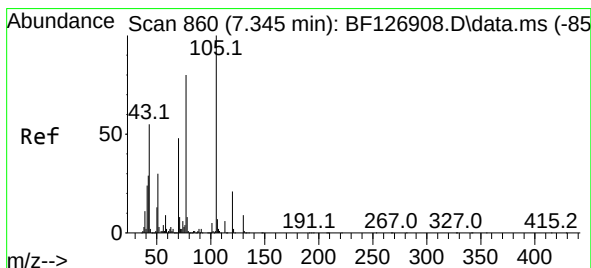
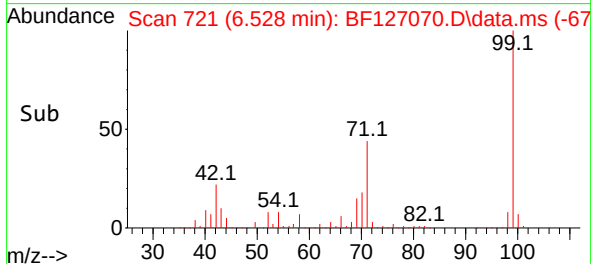
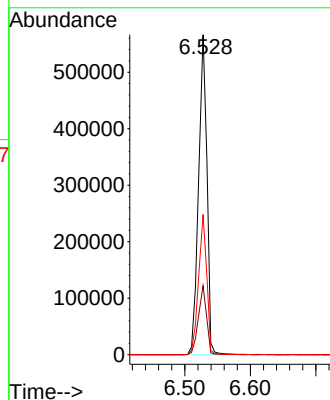
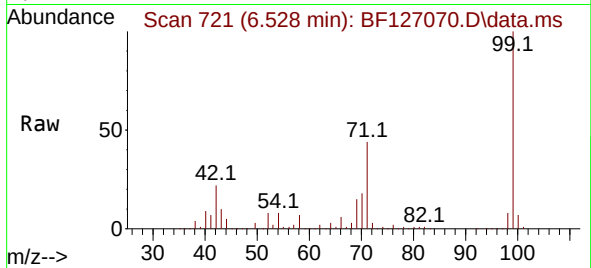




#7
Phenol-d6
Concen: 88.692 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127070.D
Acq: 25 Feb 2022 14:52

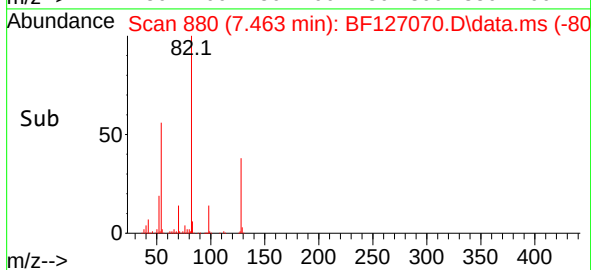
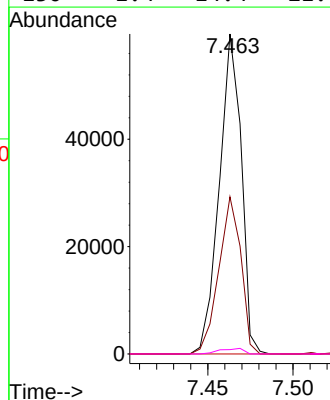
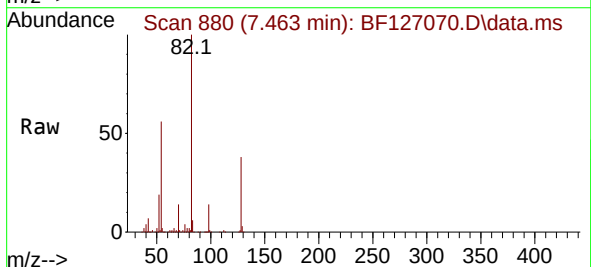
Instrument :
BNA_F
ClientSampleId :
GROUP-5

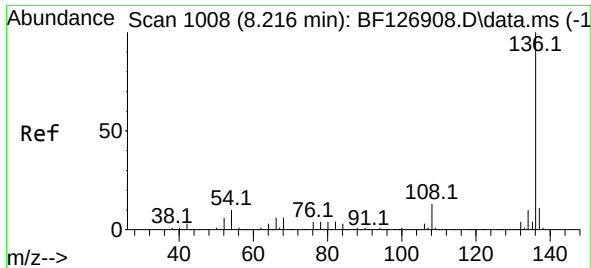
Tgt Ion: 99 Resp: 503458
Ion Ratio Lower Upper
99 100
42 21.5 14.2 21.4#
71 43.8 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.612 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127070.D
Acq: 25 Feb 2022 14:52

Tgt Ion: 70 Resp: 53445
Ion Ratio Lower Upper
70 100
42 49.1 45.8 68.8
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#

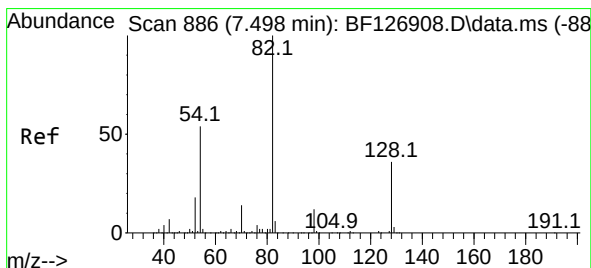
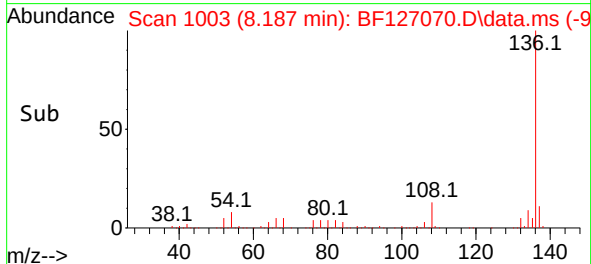
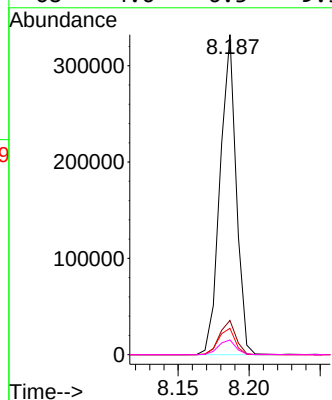
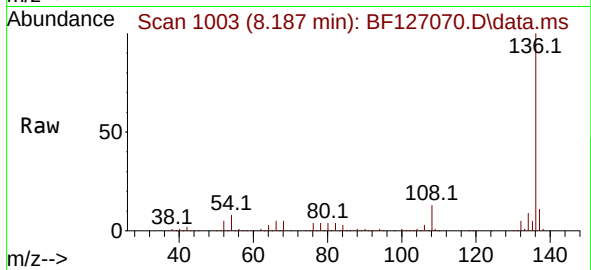




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127070.D
Acq: 25 Feb 2022 14:52

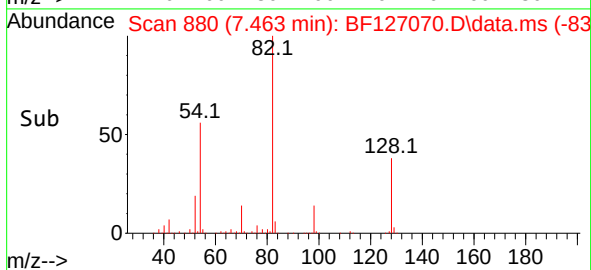
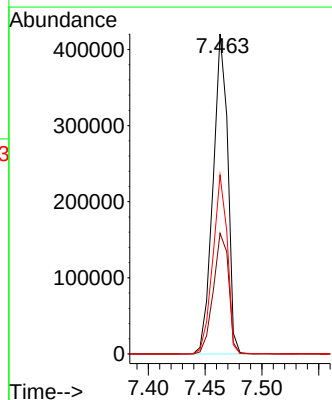
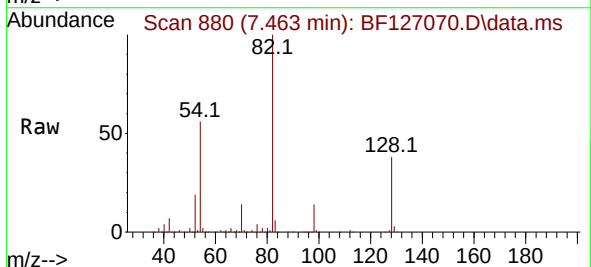
Instrument :
BNA_F
ClientSampleId :
GROUP-5

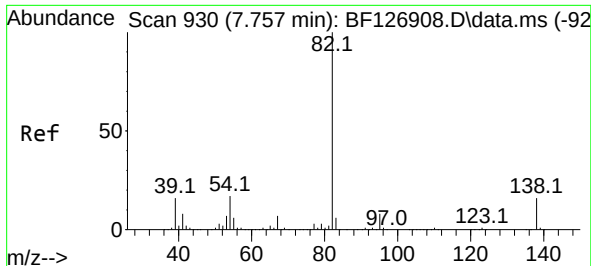
Tgt Ion:136 Resp: 261578
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 7.8 11.6
68 4.6 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 65.288 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127070.D
Acq: 25 Feb 2022 14:52

Tgt Ion: 82 Resp: 378354
Ion Ratio Lower Upper
82 100
128 37.7 32.7 49.1
54 55.9 41.7 62.5

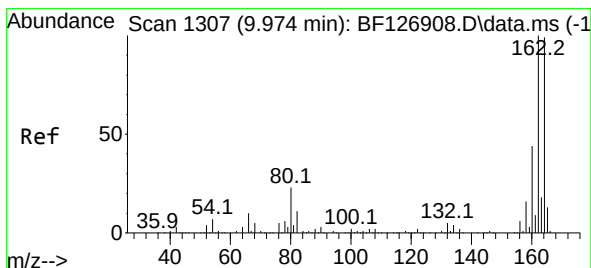
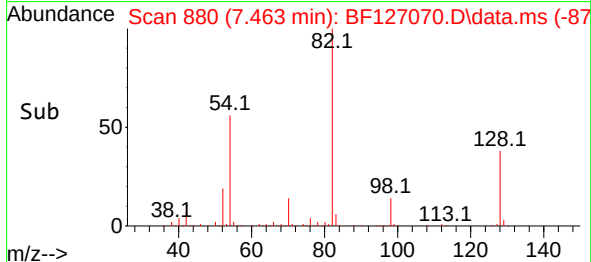
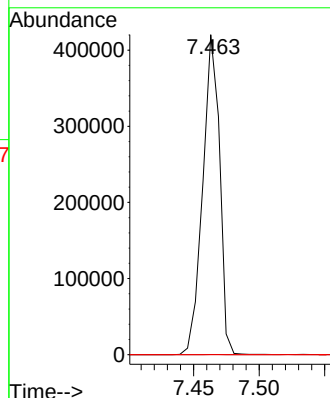
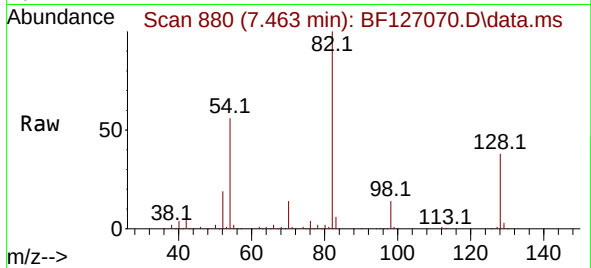




#25
Isophorone
Concen: 39.324 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF127070.D
Acq: 25 Feb 2022 14:52

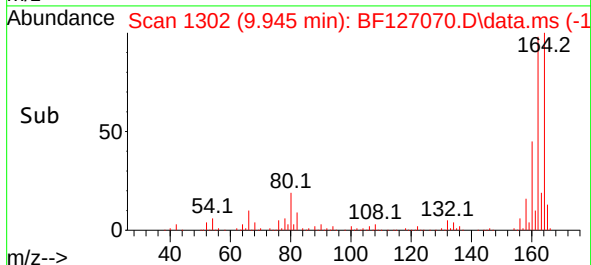
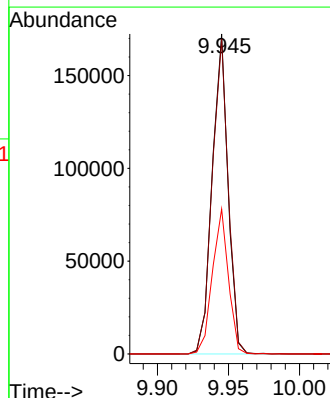
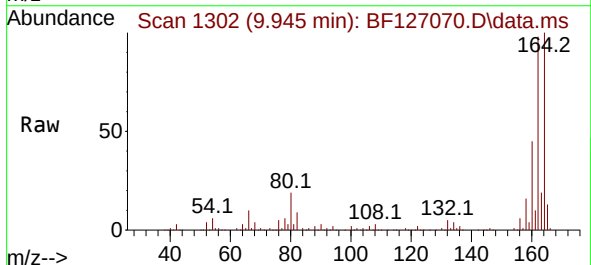
Instrument :
BNA_F
ClientSampleId :
GROUP-5

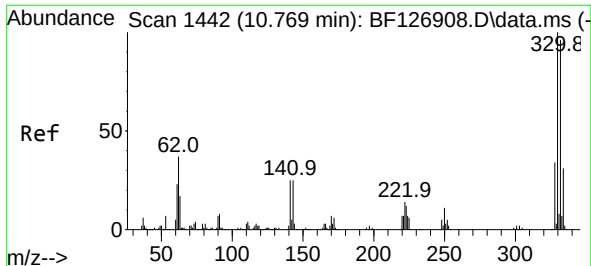
Tgt Ion: 82 Resp: 377095
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127070.D
Acq: 25 Feb 2022 14:52

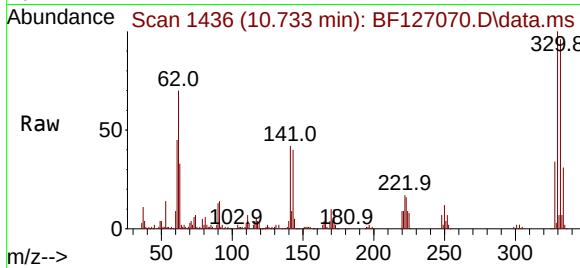
Tgt Ion: 164 Resp: 133410
Ion Ratio Lower Upper
164 100
162 98.4 81.4 122.0
160 45.3 36.6 54.8



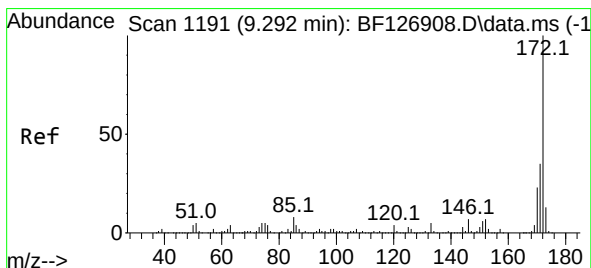
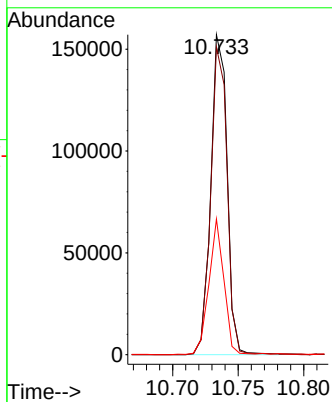
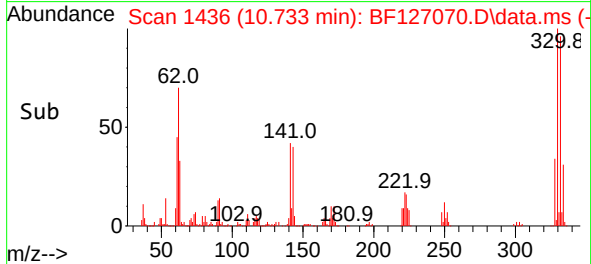


#42
 2,4,6-Tribromophenol
 Concen: 88.742 ng
 RT: 10.733 min Scan# 1442
 Delta R.T. -0.012 min
 Lab File: BF127070.D
 Acq: 25 Feb 2022 14:52

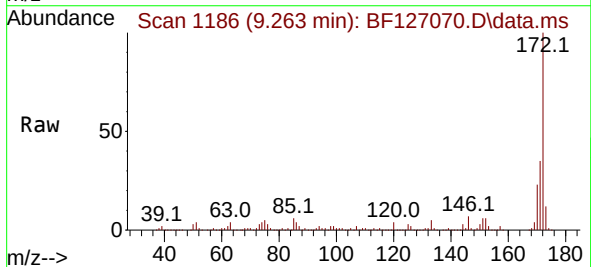
Instrument :
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 ClientSampleId :
 GROUP-5



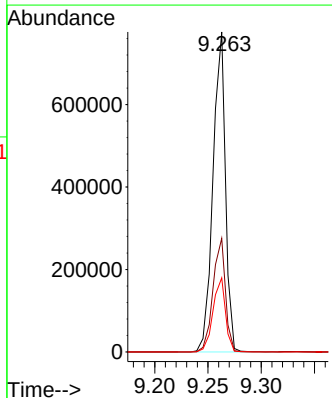
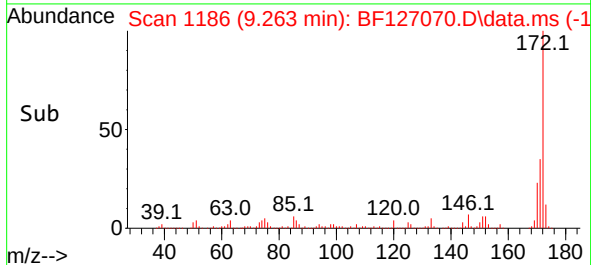
Tgt Ion:330 Resp: 136311
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.0 114.0
 141 39.1 30.1 45.1

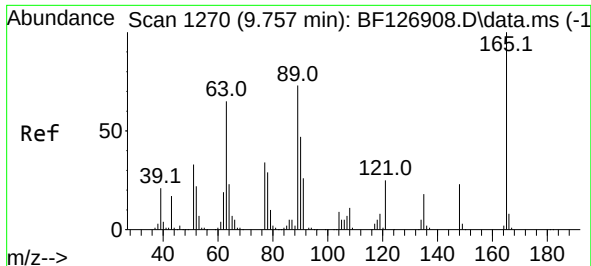


#45
 2-Fluorobiphenyl
 Concen: 69.808 ng
 RT: 9.263 min Scan# 1186
 Delta R.T. -0.006 min
 Lab File: BF127070.D
 Acq: 25 Feb 2022 14:52



Tgt Ion:172 Resp: 632617
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.3 42.5
 170 23.1 19.0 28.6

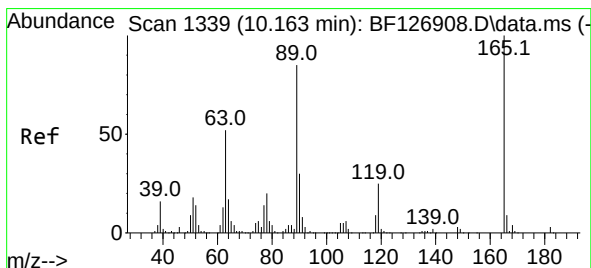
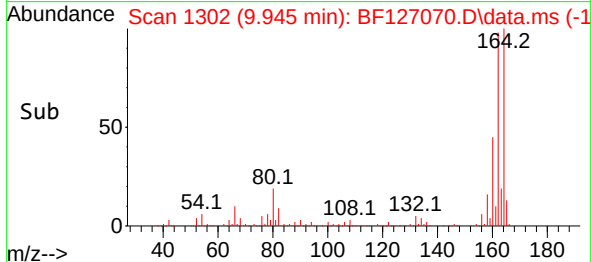
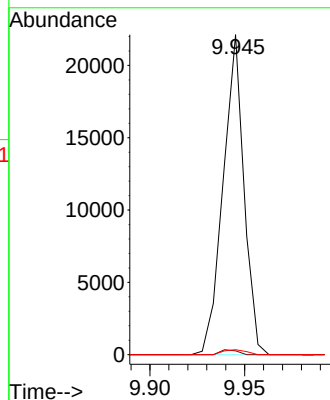
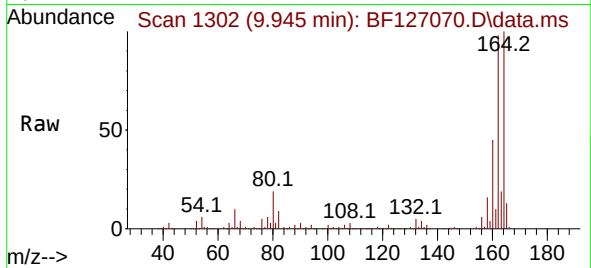




#51
2,6-Dinitrotoluene
Concen: 8.737 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127070.D
Acq: 25 Feb 2022 14:52

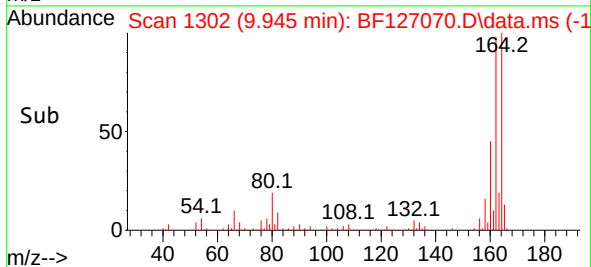
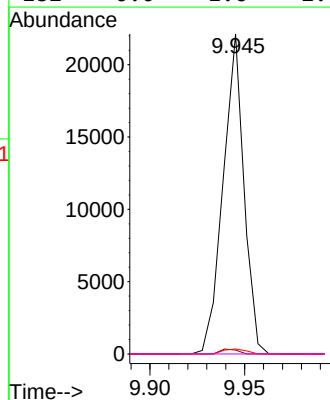
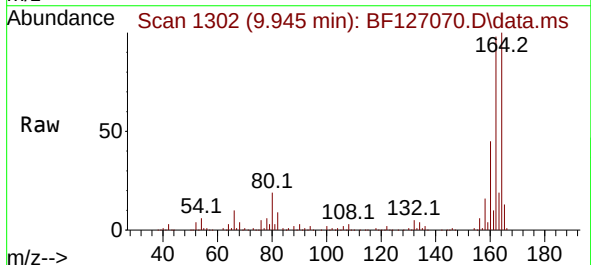
Instrument :
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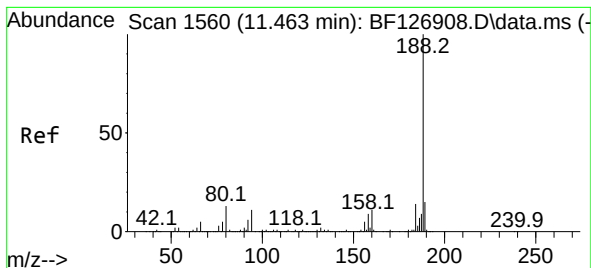
Tgt Ion:165 Resp: 16951
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.462 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.194 min
Lab File: BF127070.D
Acq: 25 Feb 2022 14:52

Tgt Ion:165 Resp: 16951
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127070.D

Acq: 25 Feb 2022 14:52

Instrument :

BNA_F

ClientSampleId :

GROUP-5

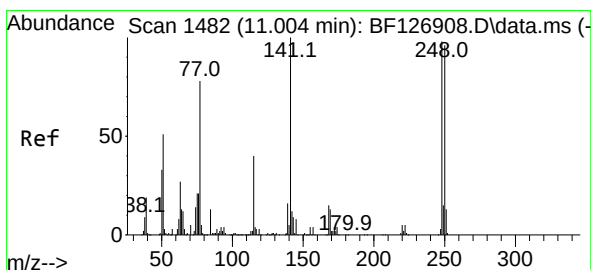
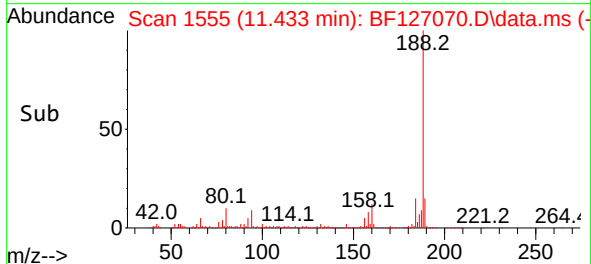
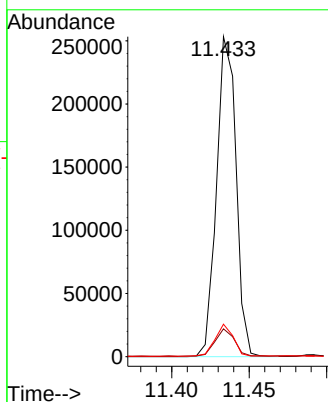
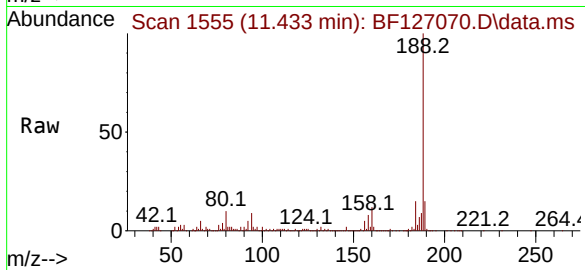
Tgt Ion:188 Resp: 222044

Ion Ratio Lower Upper

188 100

94 8.7 10.1 15.1#

80 10.2 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 3.543 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.253 min

Lab File: BF127070.D

Acq: 25 Feb 2022 14:52

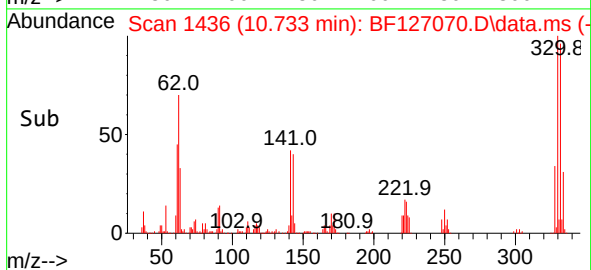
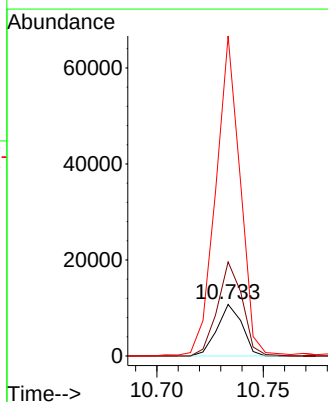
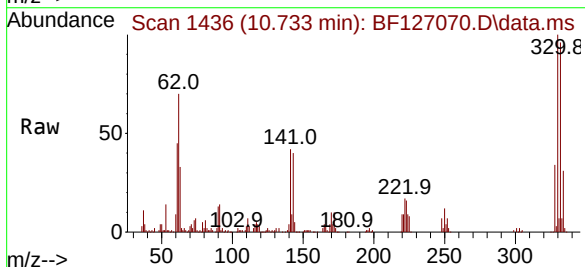
Tgt Ion:248 Resp: 8789

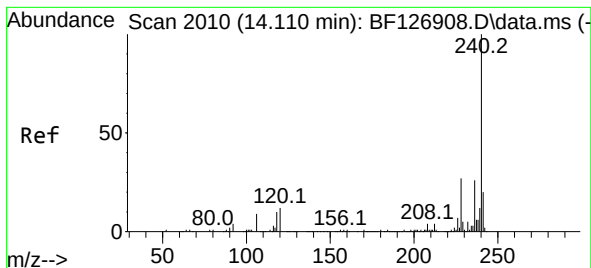
Ion Ratio Lower Upper

248 100

250 182.4 76.2 114.4#

141 620.1 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: BF127070.D

Acq: 25 Feb 2022 14:52

Instrument :

BNA_F

ClientSampleId :

GROUP-5

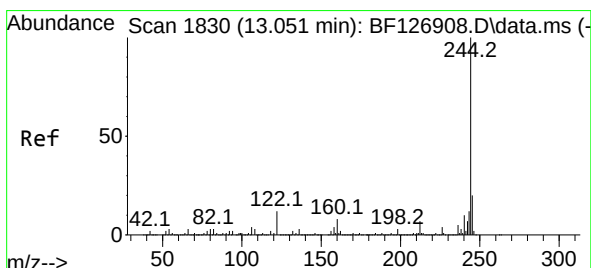
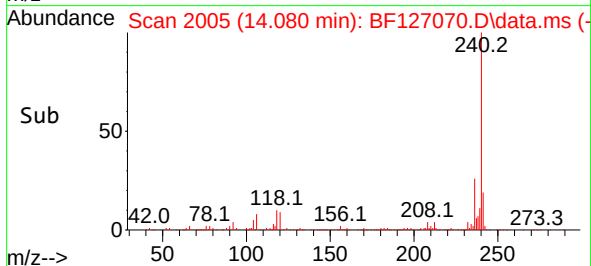
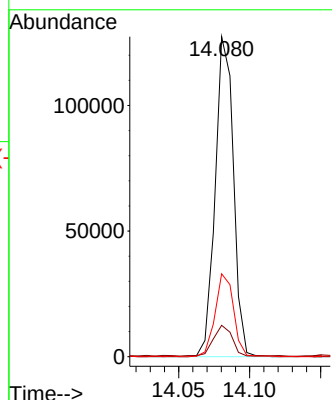
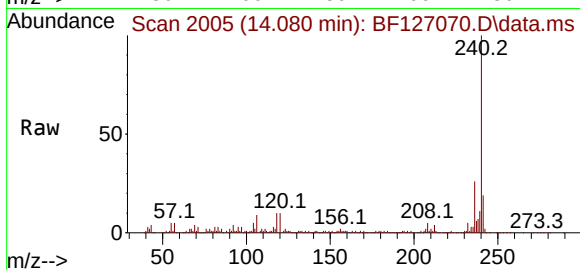
Tgt Ion:240 Resp: 113617

Ion Ratio Lower Upper

240 100

120 9.8 14.4 21.6#

236 25.9 20.5 30.7



#79

Terphenyl-d14

Concen: 77.709 ng

RT: 13.027 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BF127070.D

Acq: 25 Feb 2022 14:52

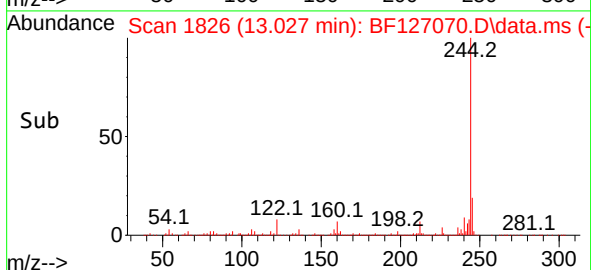
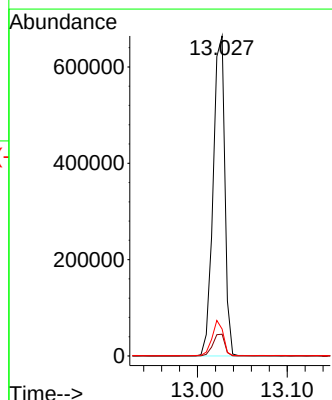
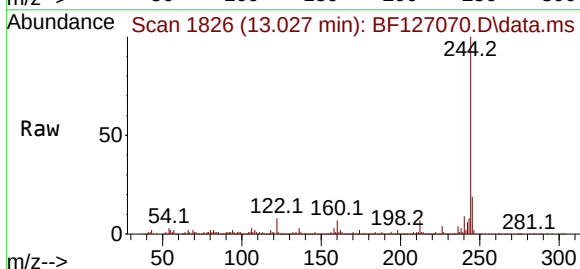
Tgt Ion:244 Resp: 600603

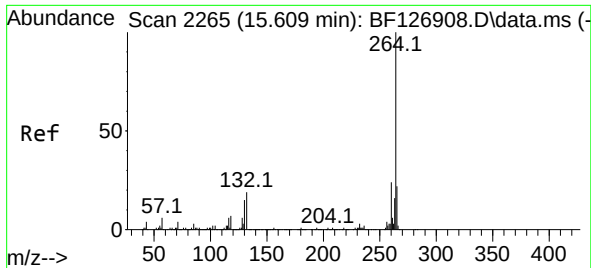
Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

122 8.4 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127070.D
Acq: 25 Feb 2022 14:52

Instrument :
BNA_F
ClientSampleId :
GROUP-5

Tgt Ion:264 Resp: 114034

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.7	17.4	26.2

