

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF127994.D
 Acq On : 29 Apr 2022 14:55
 Operator : CG\JU
 Sample : N2602-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-15-SB4-BK-PRISON

Quant Time: Apr 29 17:56:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

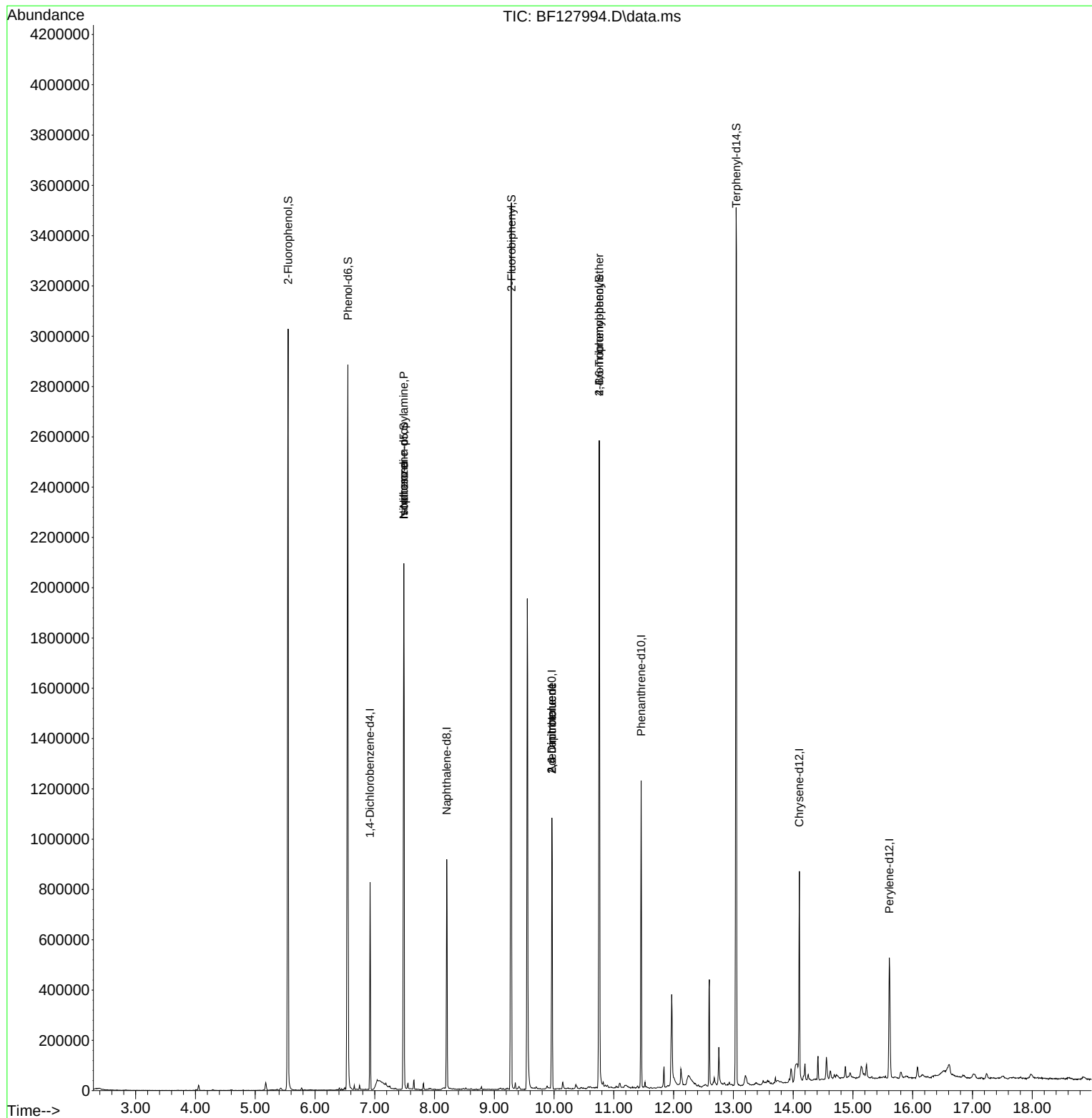
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	104142	20.000	ng	-0.01
21) Naphthalene-d8	8.204	136	398923	20.000	ng	-0.01
39) Acenaphthene-d10	9.963	164	233237	20.000	ng	-0.01
64) Phenanthrene-d10	11.457	188	421546	20.000	ng	-0.01
76) Chrysene-d12	14.104	240	259989	20.000	ng	-0.01
86) Perylene-d12	15.610	264	221223	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	811137	124.058	ng	0.00
7) Phenol-d6	6.551	99	1061217	125.085	ng	-0.01
23) Nitrobenzene-d5	7.486	82	771719	90.968	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	314266	133.848	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	1239881	89.933	ng	0.00
79) Terphenyl-d14	13.051	244	1321245	92.926	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.486	70	106666	20.539	ng	# 79
25) Isophorone	7.486	82	769667	53.905	ng	# 68
51) 2,6-Dinitrotoluene	9.963	165	29865	8.818	ng	# 22
57) 2,4-Dinitrotoluene	9.963	165	29865	6.657	ng	# 26
67) 4-Bromophenyl-phenylether	10.757	248	19176	4.104	ng	# 1

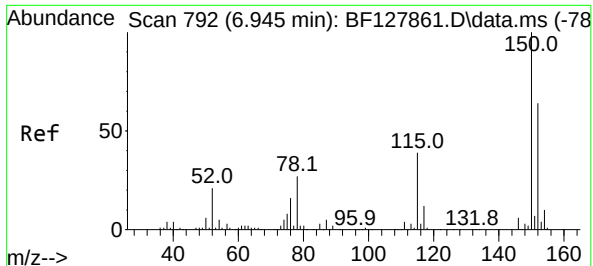
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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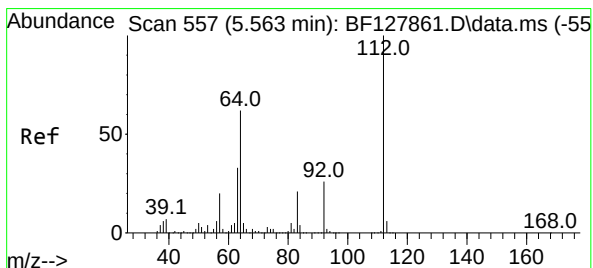
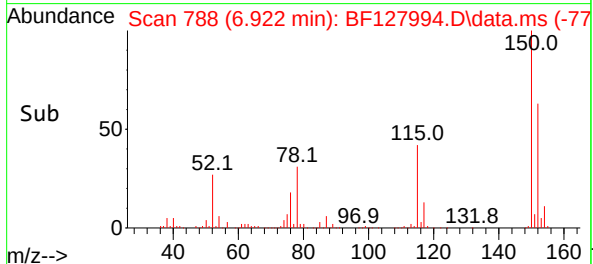
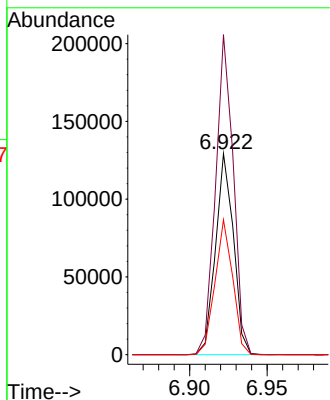
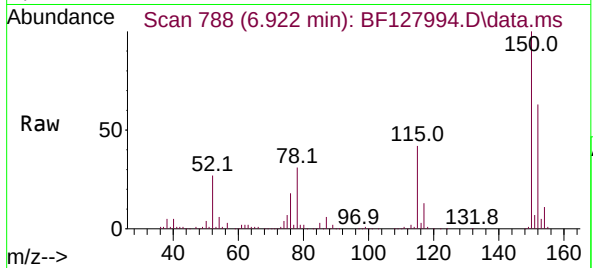




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 792
 Delta R.T. -0.012 min
 Lab File: BF127994.D
 Acq: 29 Apr 2022 14:55

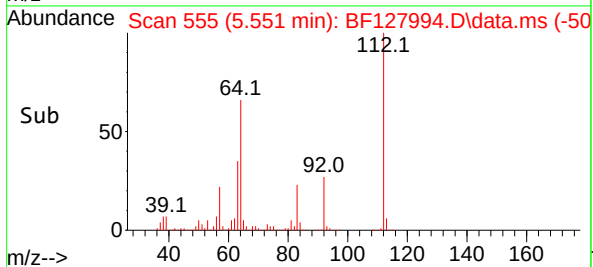
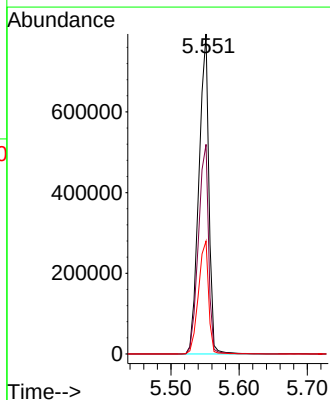
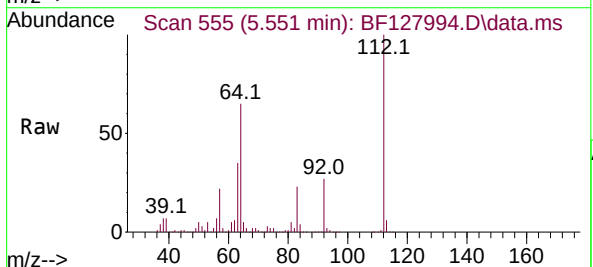
Instrument :
 BNA_F
 ClientSampleId :
 12-15-SB4-BK-PRISON

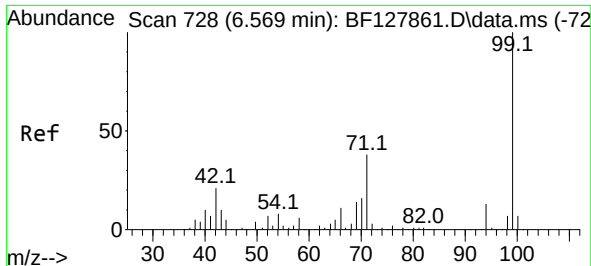
Tgt Ion:152 Resp: 104142
 Ion Ratio Lower Upper
 152 100
 150 159.1 125.3 187.9
 115 67.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 124.058 ng
 RT: 5.551 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF127994.D
 Acq: 29 Apr 2022 14:55

Tgt Ion:112 Resp: 811137
 Ion Ratio Lower Upper
 112 100
 64 65.5 49.5 74.3
 63 35.3 26.3 39.5

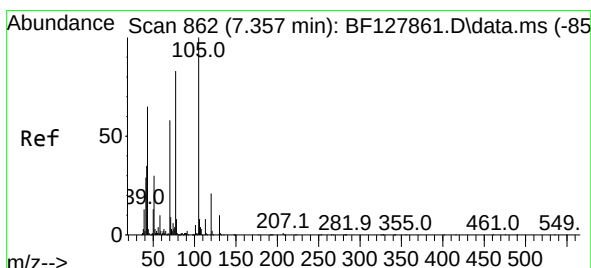
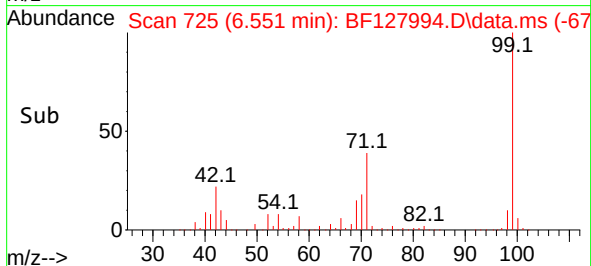
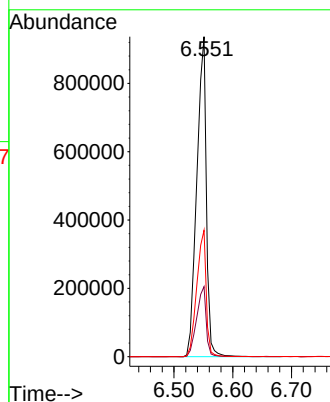
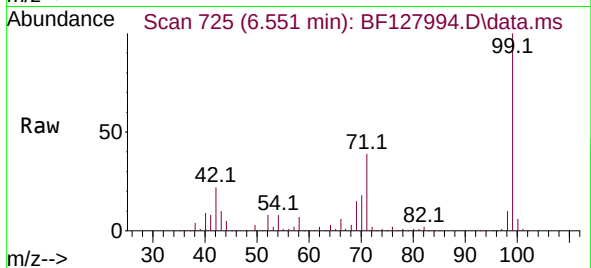




#7
Phenol-d6
Concen: 125.085 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127994.D
Acq: 29 Apr 2022 14:55

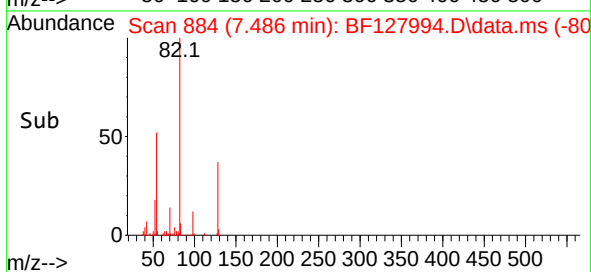
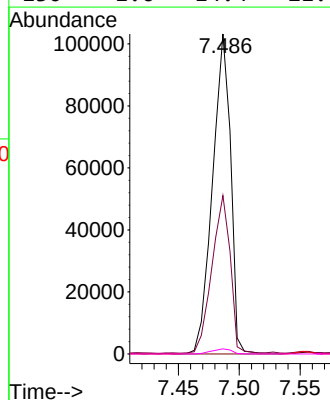
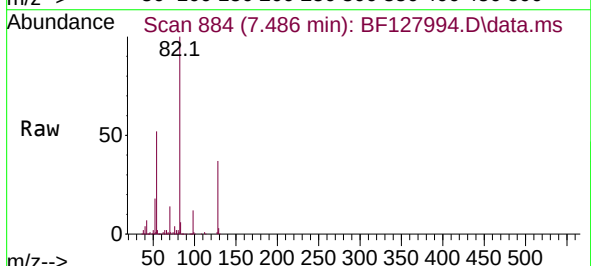
Instrument :
BNA_F
ClientSampleId :
12-15-SB4-BK-PRISON

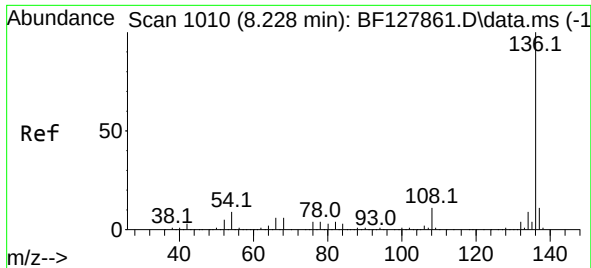
Tgt Ion: 99 Resp: 1061217
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 39.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.539 ng
RT: 7.486 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF127994.D
Acq: 29 Apr 2022 14:55

Tgt Ion: 70 Resp: 106666
Ion Ratio Lower Upper
70 100
42 49.5 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

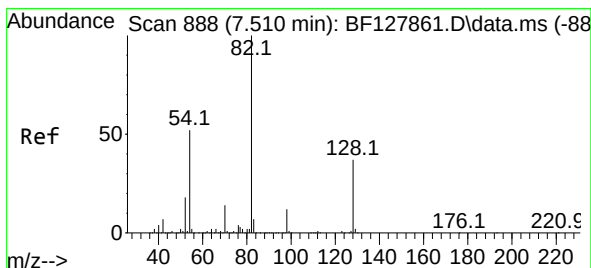
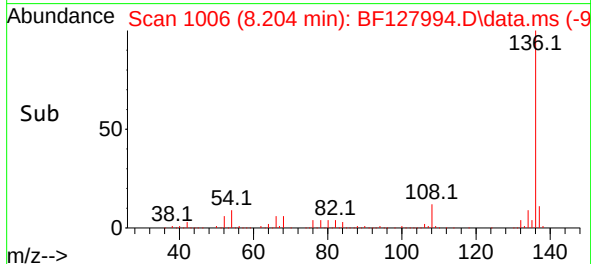
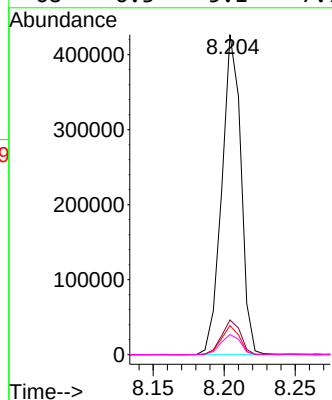
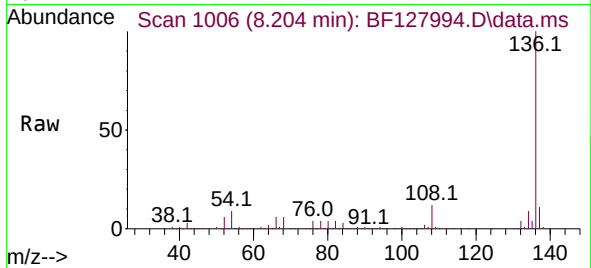




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF127994.D
Acq: 29 Apr 2022 14:55

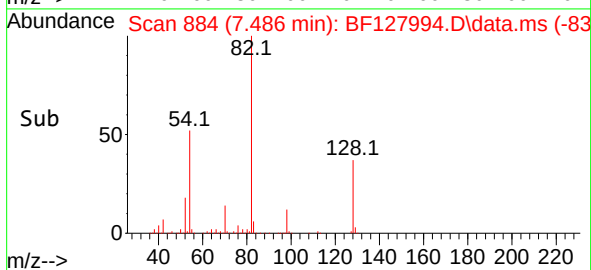
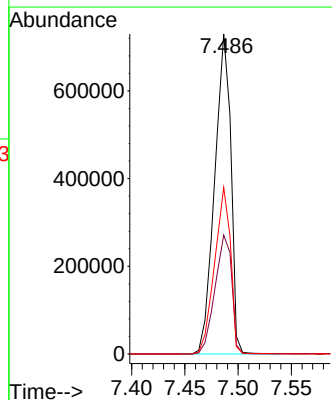
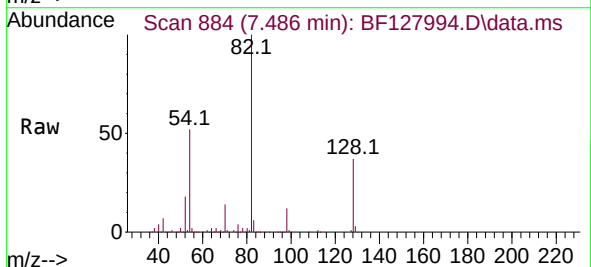
Instrument :
BNA_F
ClientSampleId :
12-15-SB4-BK-PRISON

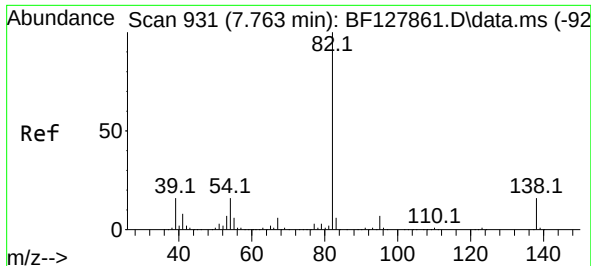
Tgt Ion:136	Resp: 398923
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 9.1	6.8 10.2
68 6.3	5.1 7.7



#23
Nitrobenzene-d5
Concen: 90.968 ng
RT: 7.486 min Scan# 884
Delta R.T. -0.018 min
Lab File: BF127994.D
Acq: 29 Apr 2022 14:55

Tgt Ion: 82	Resp: 771719
Ion Ratio	Lower Upper
82 100	
128 37.2	30.0 45.0
54 52.0	41.3 61.9

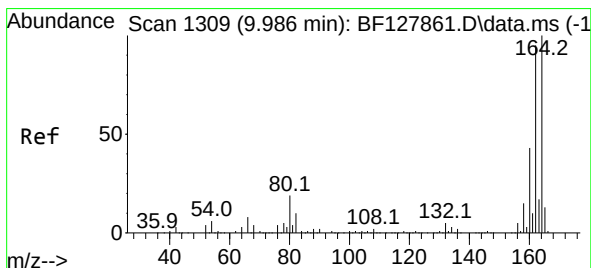
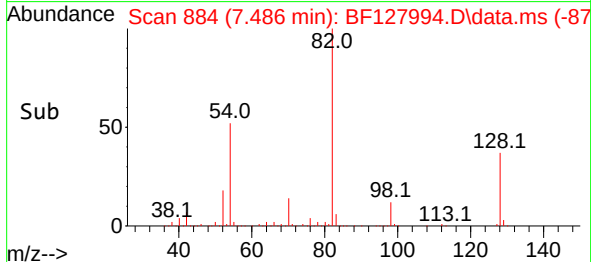
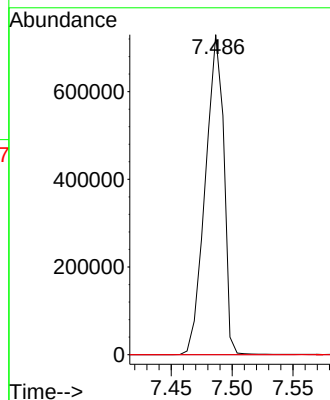
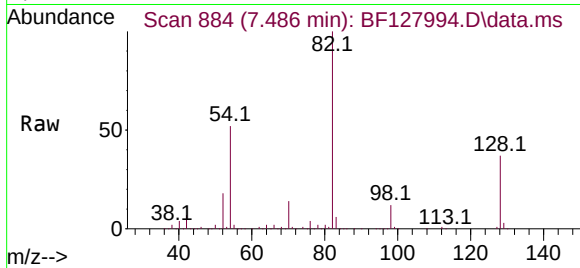




#25
Isophorone
Concen: 53.905 ng
RT: 7.486 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF127994.D
Acq: 29 Apr 2022 14:55

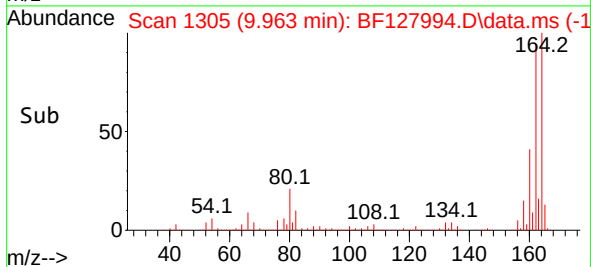
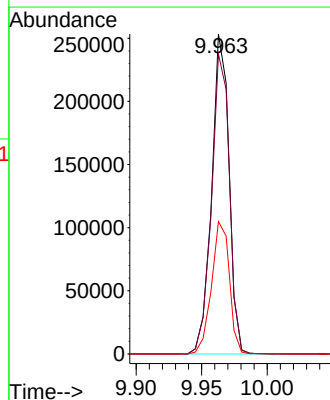
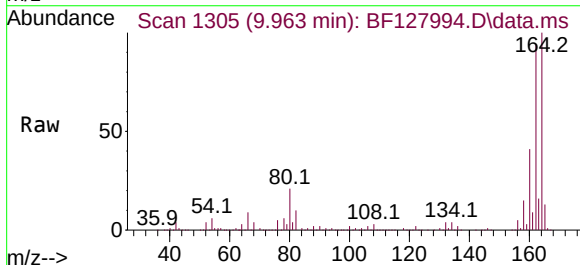
Instrument :
BNA_F
ClientSampleId :
12-15-SB4-BK-PRISON

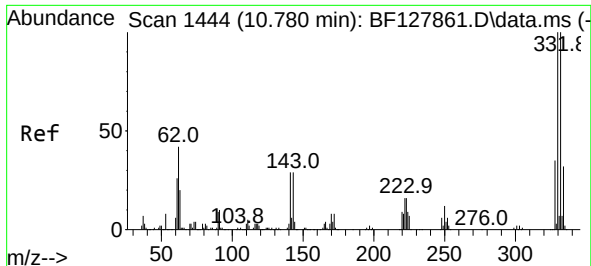
Tgt Ion: 82 Resp: 769667
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF127994.D
Acq: 29 Apr 2022 14:55

Tgt Ion:164 Resp: 233237
Ion Ratio Lower Upper
164 100
162 93.7 76.0 114.0
160 41.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 133.848 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF127994.D

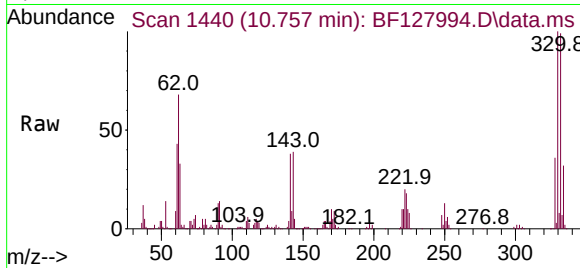
Acq: 29 Apr 2022 14:55

Instrument :

BNA_F

ClientSampleId :

12-15-SB4-BK-PRISON



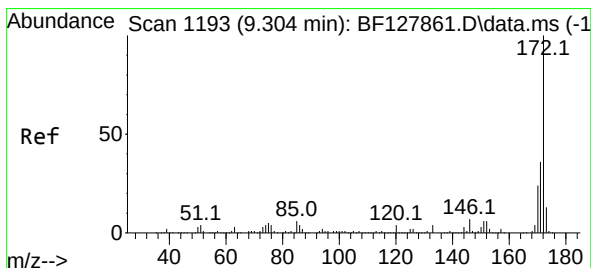
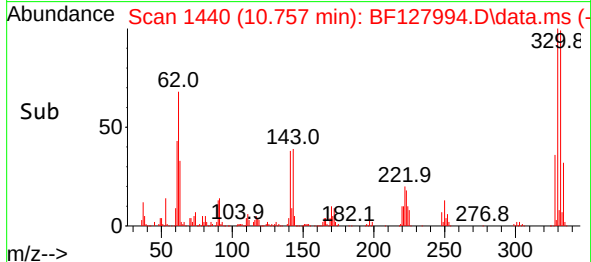
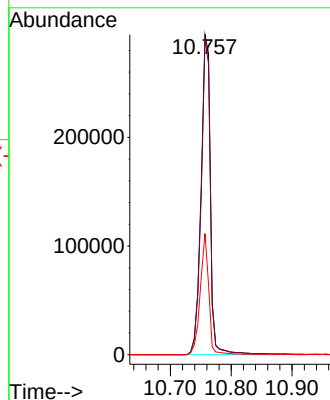
Tgt Ion:330 Resp: 314266

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

141 34.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 89.933 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF127994.D

Acq: 29 Apr 2022 14:55

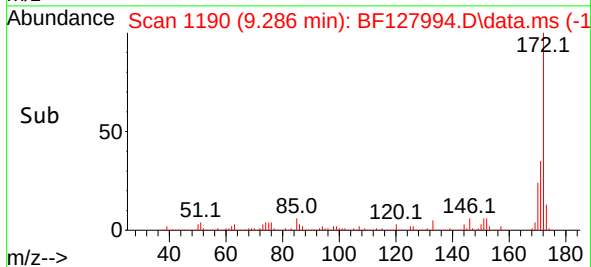
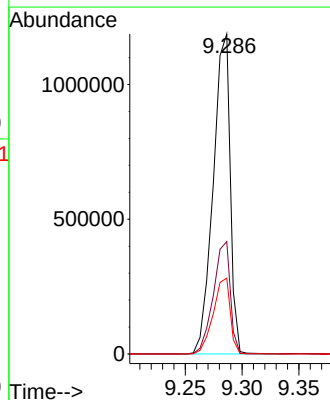
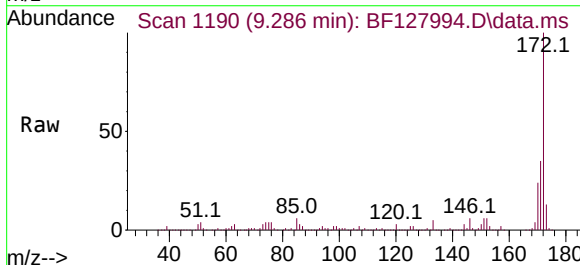
Tgt Ion:172 Resp: 1239881

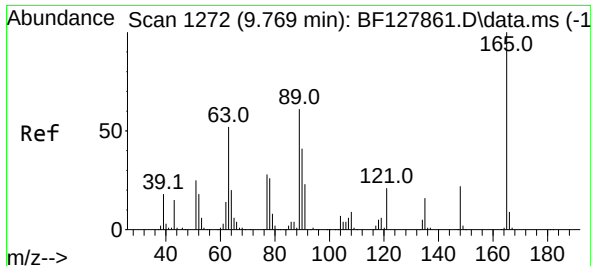
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.7 19.1 28.7

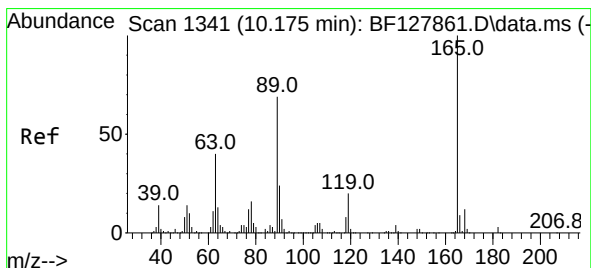
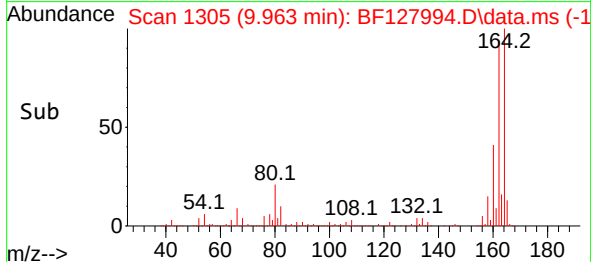
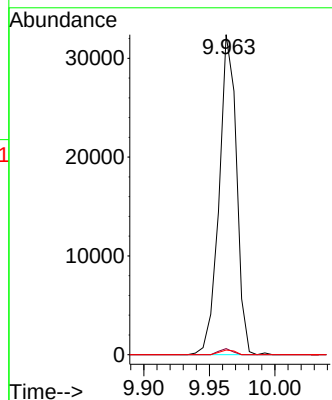
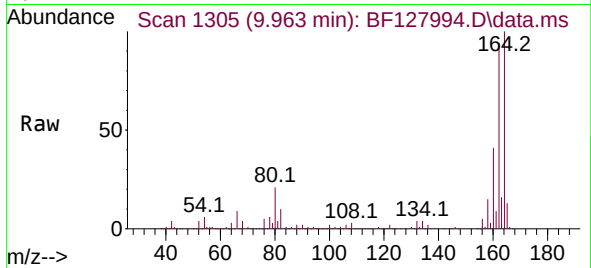




#51
2,6-Dinitrotoluene
Concen: 8.818 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF127994.D
Acq: 29 Apr 2022 14:55

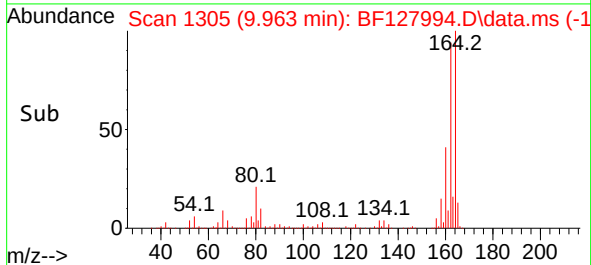
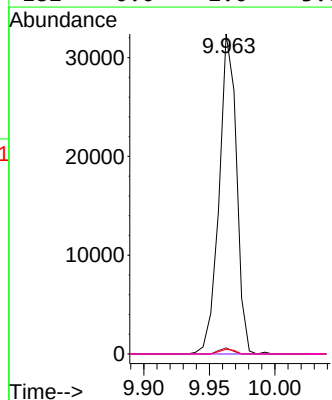
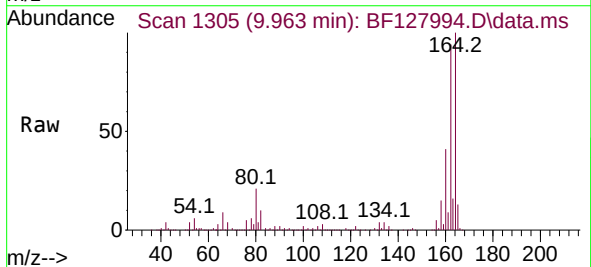
Instrument :
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12-15-SB4-BK-PRISON

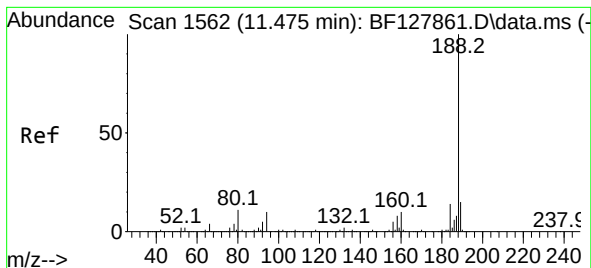
Tgt Ion:165 Resp: 29865
Ion Ratio Lower Upper
165 100
63 1.9 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.657 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.200 min
Lab File: BF127994.D
Acq: 29 Apr 2022 14:55

Tgt Ion:165 Resp: 29865
Ion Ratio Lower Upper
165 100
63 1.9 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127994.D

Acq: 29 Apr 2022 14:55

Instrument :

BNA_F

ClientSampleId :

12-15-SB4-BK-PRISON

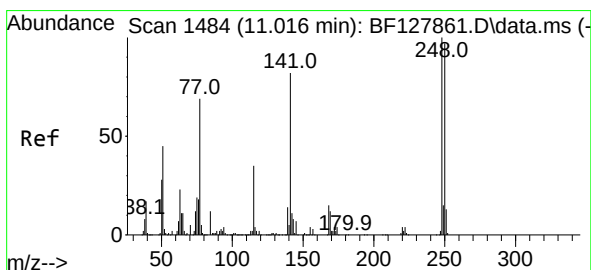
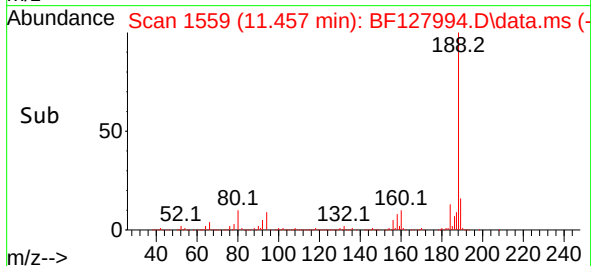
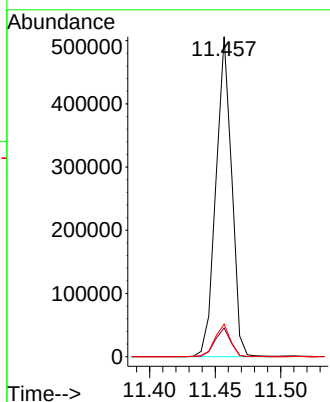
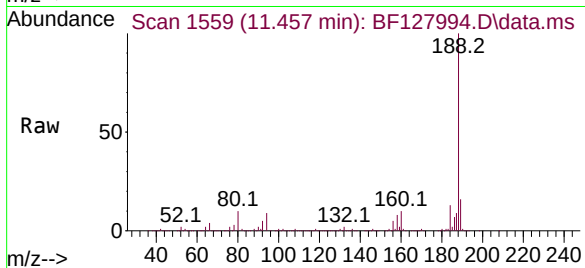
Tgt Ion:188 Resp: 421546

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

80 10.2 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 4.104 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.253 min

Lab File: BF127994.D

Acq: 29 Apr 2022 14:55

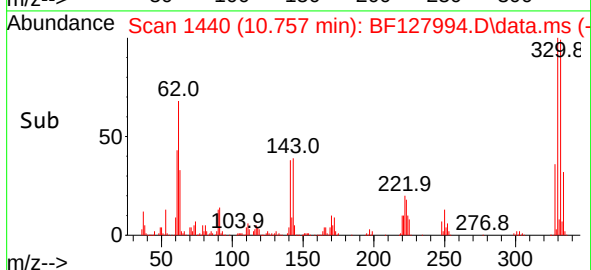
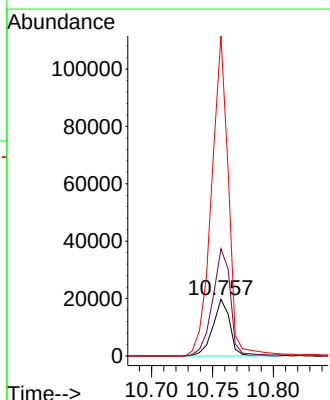
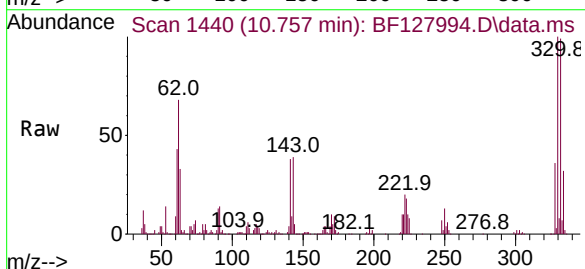
Tgt Ion:248 Resp: 19176

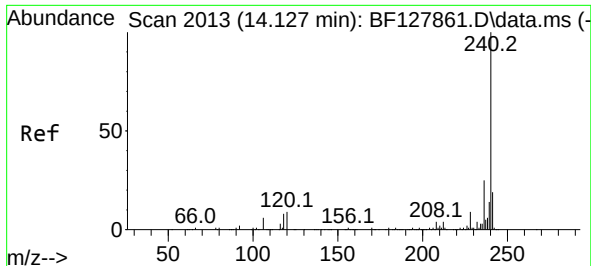
Ion Ratio Lower Upper

248 100

250 189.3 77.7 116.5#

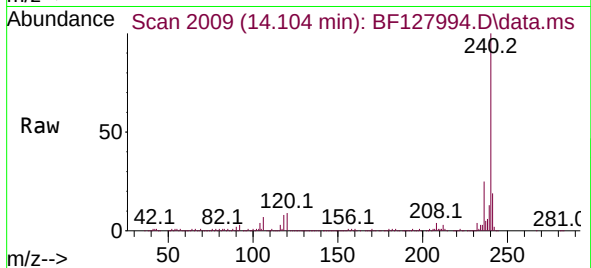
141 565.1 65.6 98.4#



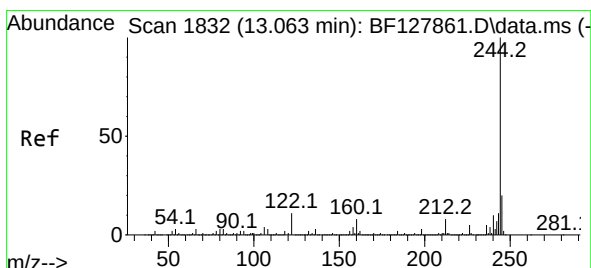
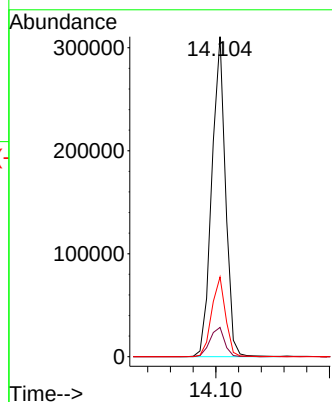
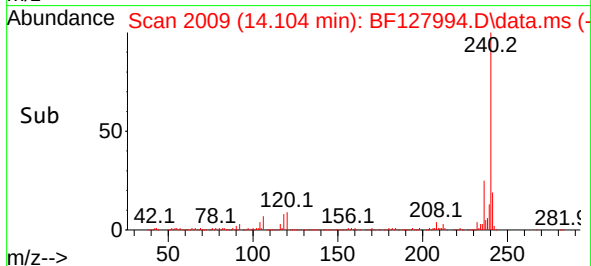


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF127994.D
Acq: 29 Apr 2022 14:55

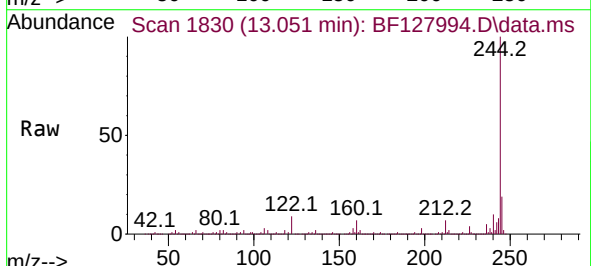
Instrument :
BNA_F
ClientSampleId :
12-15-SB4-BK-PRISON



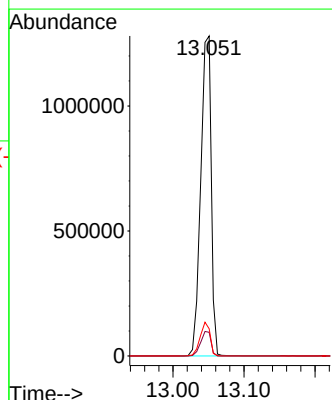
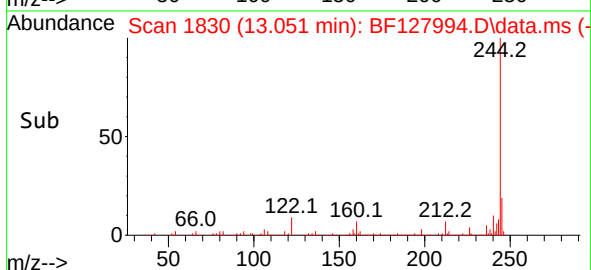
Tgt Ion:240 Resp: 259989
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 24.9 20.3 30.5

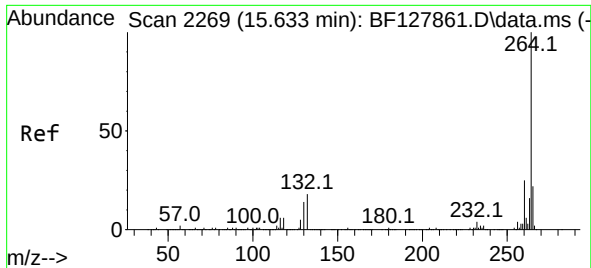


#79
Terphenyl-d14
Concen: 92.926 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127994.D
Acq: 29 Apr 2022 14:55



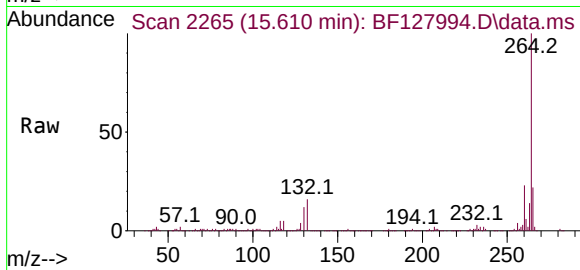
Tgt Ion:244 Resp: 1321245
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 8.5 8.6 12.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.610 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF127994.D
 Acq: 29 Apr 2022 14:55

Instrument :
 BNA_F
 ClientSampleId :
 12-15-SB4-BK-PRISON



Tgt Ion:264 Resp: 221223
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.1 30.1
 265 21.9 17.5 26.3

