

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF127999.D
 Acq On : 29 Apr 2022 17:16
 Operator : CG\JU
 Sample : N2602-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 10-16-SB3-BK-PRISON

Quant Time: Apr 29 17:58:57 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)

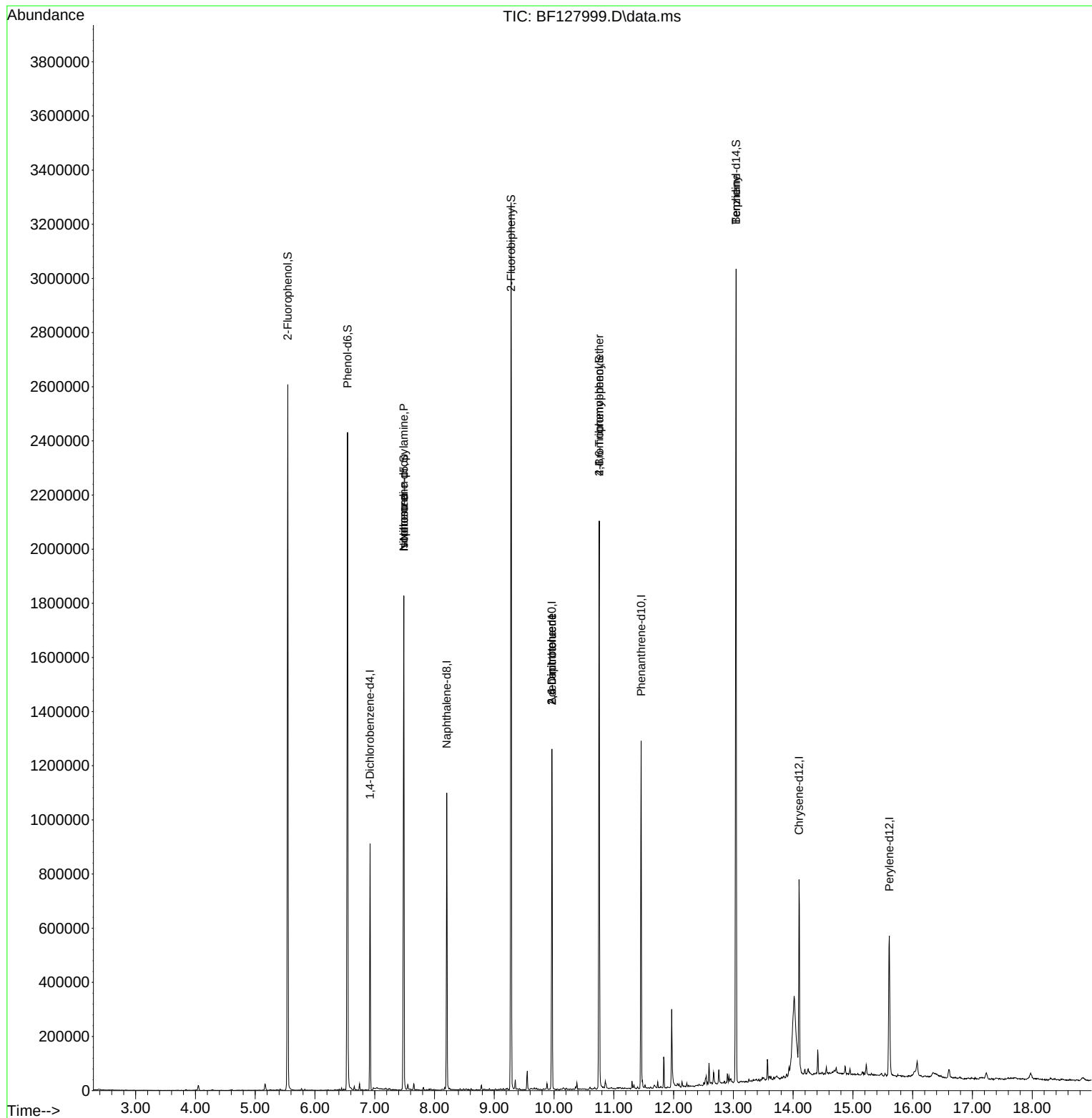
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	112370	20.000	ng	-0.01
21) Naphthalene-d8	8.204	136	436896	20.000	ng	-0.01
39) Acenaphthene-d10	9.963	164	251668	20.000	ng	-0.01
64) Phenanthrene-d10	11.457	188	445123	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	241694	20.000	ng	-0.02
86) Perylene-d12	15.610	264	237121	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	635100	90.022	ng	0.00
7) Phenol-d6	6.546	99	834445	91.154	ng	-0.02
23) Nitrobenzene-d5	7.487	82	597115	64.269	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	234748	92.659	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	1005995	67.624	ng	-0.01
79) Terphenyl-d14	13.045	244	989783	74.883	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	81103	14.473	ng	# 80
25) Isophorone	7.487	82	594119	37.994	ng	# 68
51) 2,6-Dinitrotoluene	9.963	165	32455	8.881	ng	# 22
57) 2,4-Dinitrotoluene	9.963	165	32455	6.705	ng	# 26
67) 4-Bromophenyl-phenylether	10.757	248	14865	3.012	ng	# 1
77) Benzidine	13.045	184	14141	3.092	ng	# 93

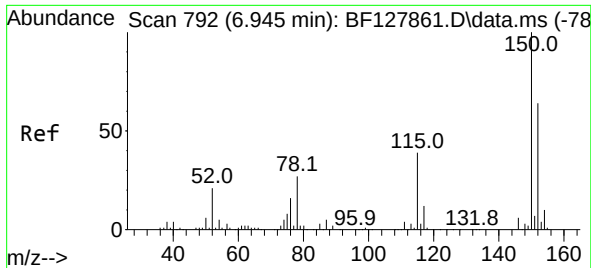
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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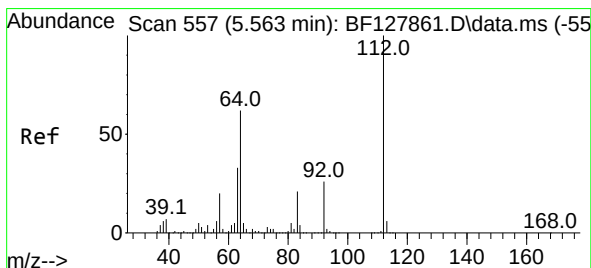
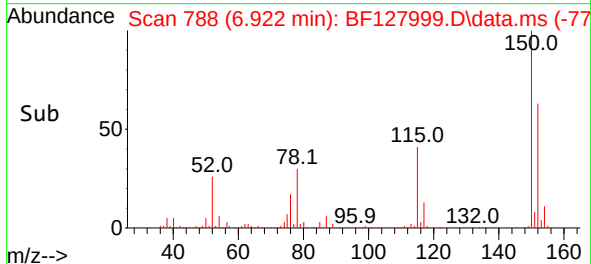
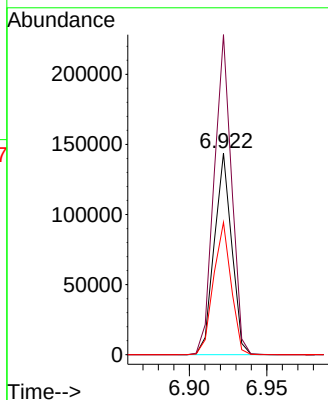
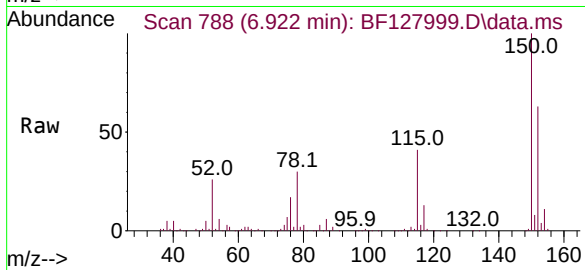




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127999.D
Acq: 29 Apr 2022 17:16

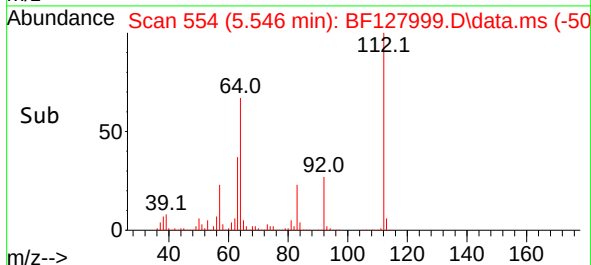
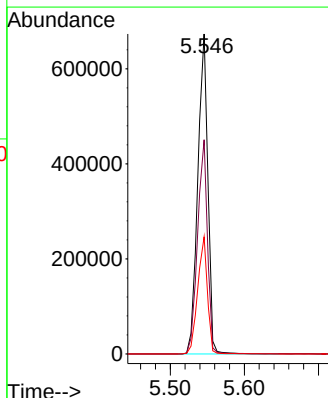
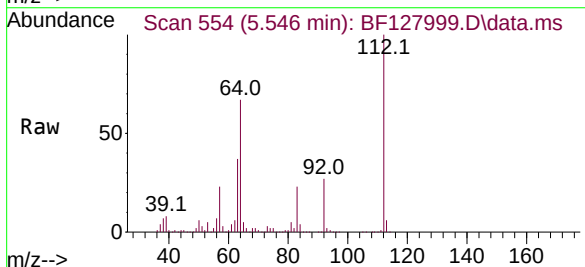
Instrument :
BNA_F
ClientSampleId :
10-16-SB3-BK-PRISON

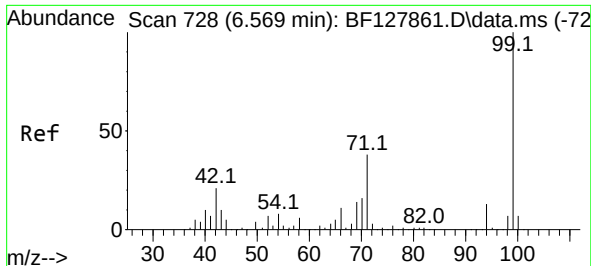
Tgt Ion:152 Resp: 112370
Ion Ratio Lower Upper
152 100
150 158.7 125.3 187.9
115 65.6 48.8 73.2



#5
2-Fluorophenol
Concen: 90.022 ng
RT: 5.546 min Scan# 554
Delta R.T. -0.006 min
Lab File: BF127999.D
Acq: 29 Apr 2022 17:16

Tgt Ion:112 Resp: 635100
Ion Ratio Lower Upper
112 100
64 66.9 49.5 74.3
63 36.6 26.3 39.5





#7

Phenol-d6

Concen: 91.154 ng

RT: 6.546 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF127999.D

Acq: 29 Apr 2022 17:16

Instrument :

BNA_F

ClientSampleId :

10-16-SB3-BK-PRISON

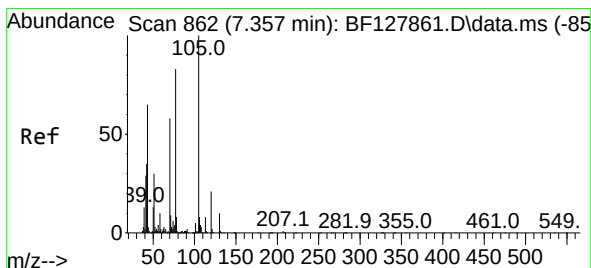
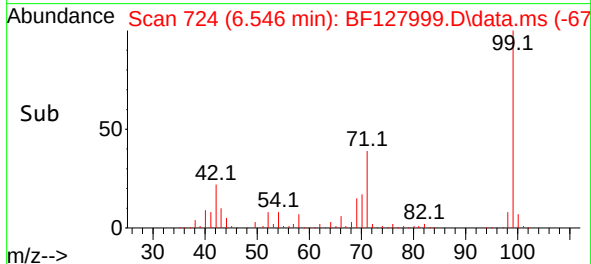
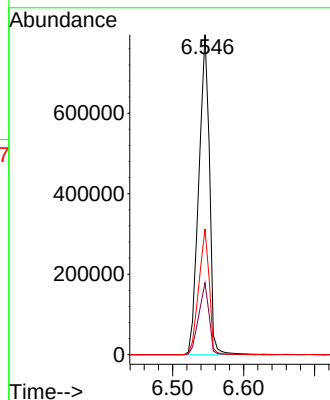
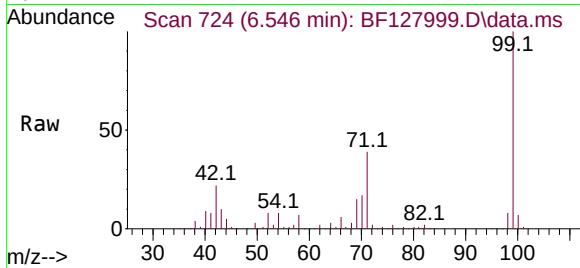
Tgt Ion: 99 Resp: 834445

Ion Ratio Lower Upper

99 100

42 22.5 16.6 24.8

71 39.3 30.0 45.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.473 ng

RT: 7.487 min Scan# 884

Delta R.T. 0.141 min

Lab File: BF127999.D

Acq: 29 Apr 2022 17:16

Tgt Ion: 70 Resp: 81103

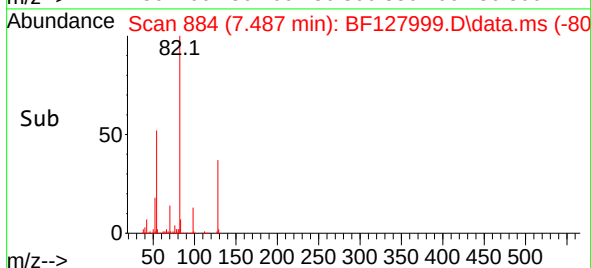
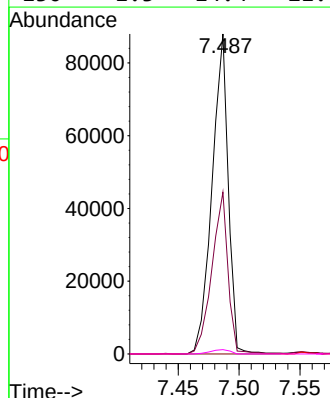
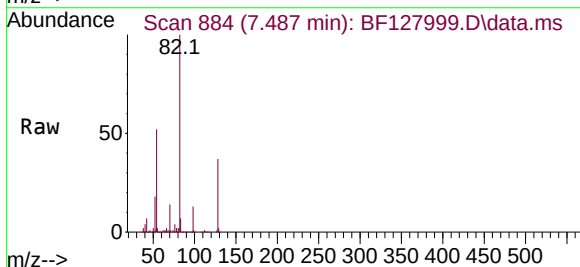
Ion Ratio Lower Upper

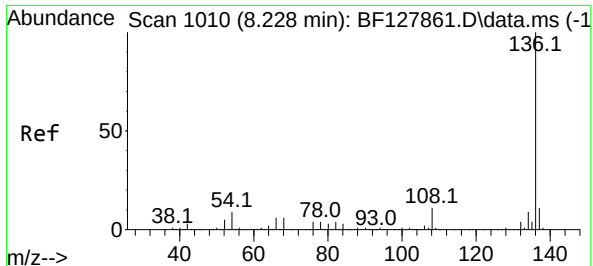
70 100

42 50.6 48.7 73.1

101 0.0 7.2 10.8#

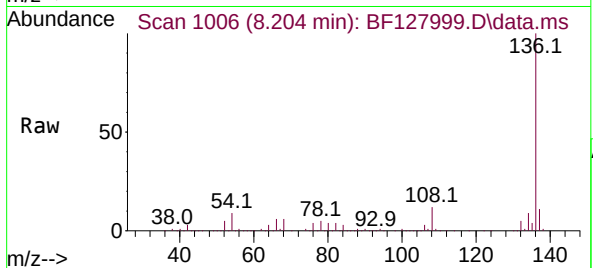
130 1.3 14.4 21.6#



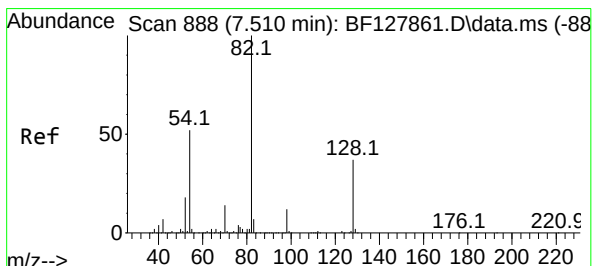
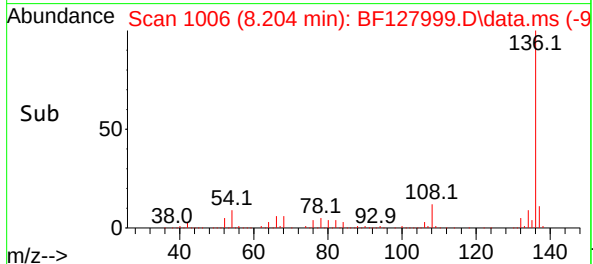
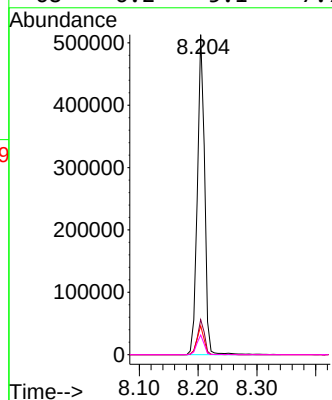


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF127999.D
Acq: 29 Apr 2022 17:16

Instrument :
BNA_F
ClientSampleId :
10-16-SB3-BK-PRISON

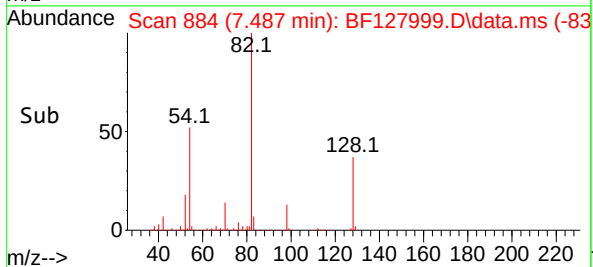
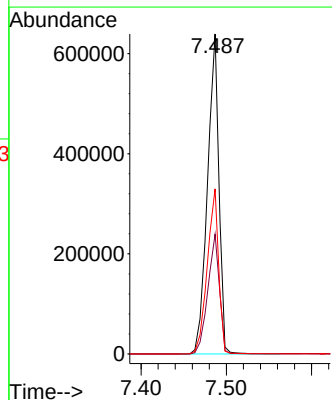
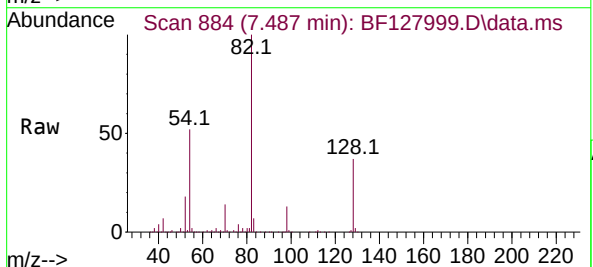


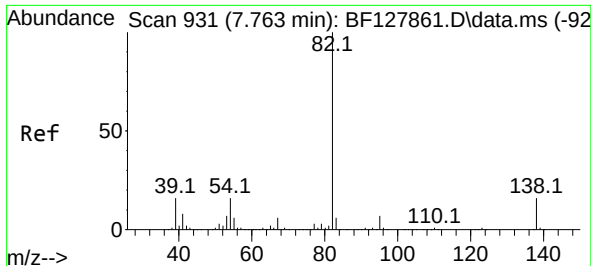
Tgt Ion:	136	Resp:	436896
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.0	6.8	10.2
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 64.269 ng
RT: 7.487 min Scan# 884
Delta R.T. -0.017 min
Lab File: BF127999.D
Acq: 29 Apr 2022 17:16

Tgt Ion:	82	Resp:	597115
Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.0	45.0
54	51.6	41.3	61.9

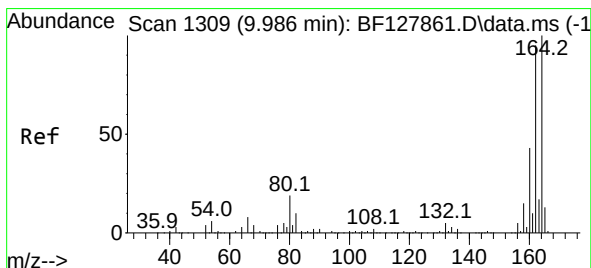
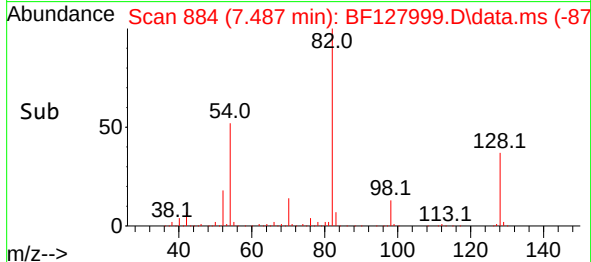
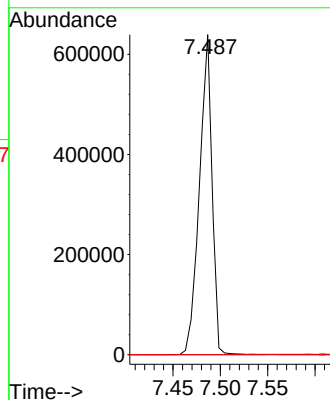
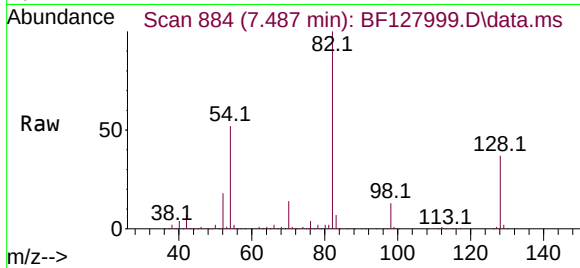




#25
Isophorone
Concen: 37.994 ng
RT: 7.487 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF127999.D
Acq: 29 Apr 2022 17:16

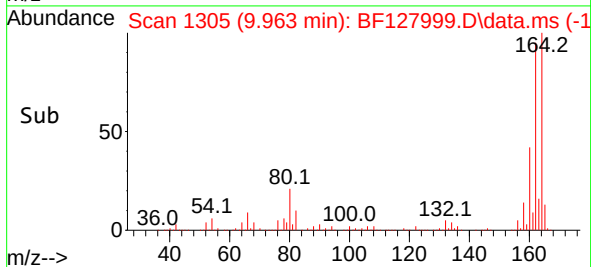
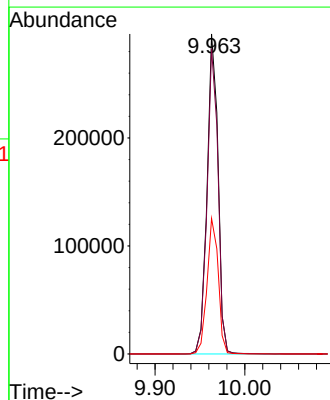
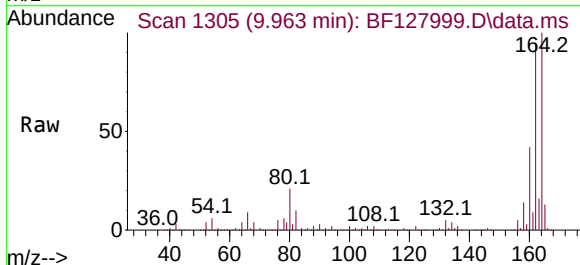
Instrument :
BNA_F
ClientSampleId :
10-16-SB3-BK-PRISON

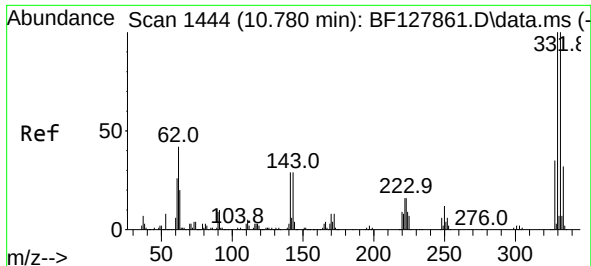
Tgt Ion: 82 Resp: 594119
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF127999.D
Acq: 29 Apr 2022 17:16

Tgt Ion:164 Resp: 251668
Ion Ratio Lower Upper
164 100
162 95.3 76.0 114.0
160 42.3 34.8 52.2

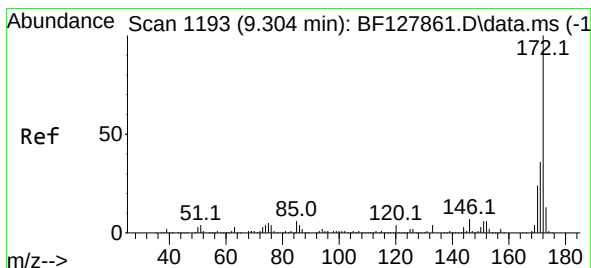
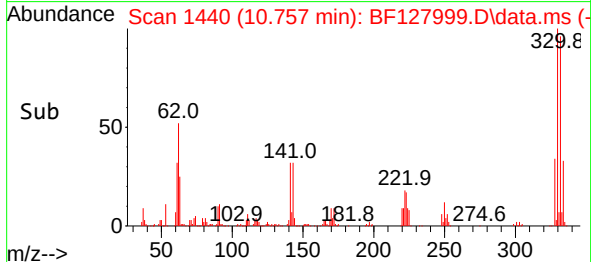
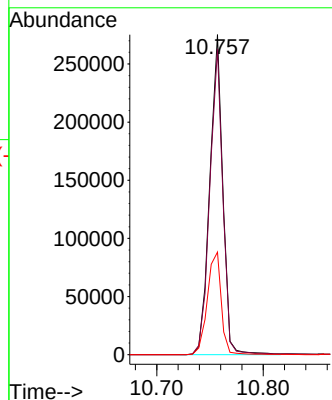
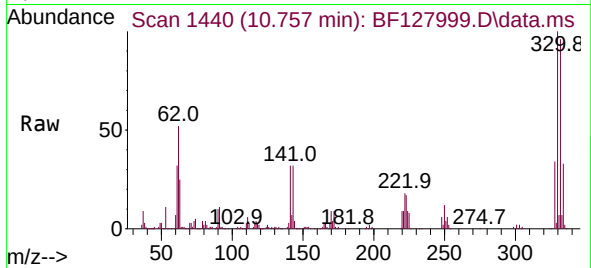




#42
2,4,6-Tribromophenol
Concen: 92.659 ng
RT: 10.757 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF127999.D
Acq: 29 Apr 2022 17:16

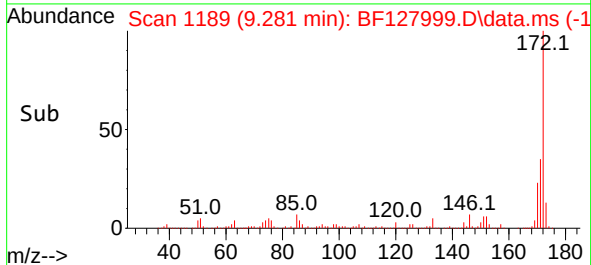
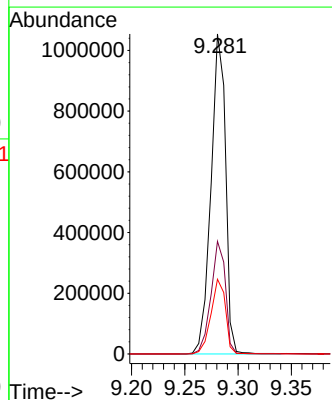
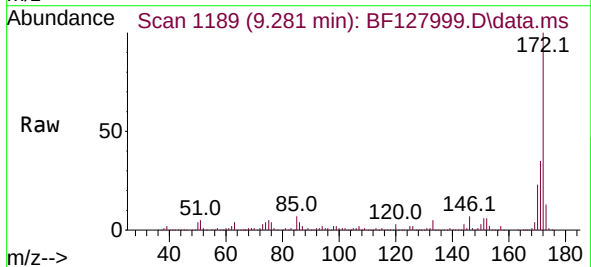
Instrument :
BNA_F
ClientSampleId :
10-16-SB3-BK-PRISON

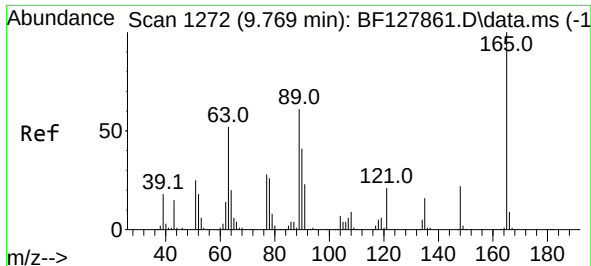
Tgt Ion:330 Resp: 234748
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.4
141 34.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 67.624 ng
RT: 9.281 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BF127999.D
Acq: 29 Apr 2022 17:16

Tgt Ion:172 Resp: 1005995
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.4 19.1 28.7

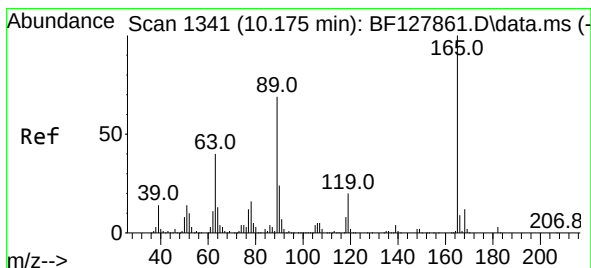
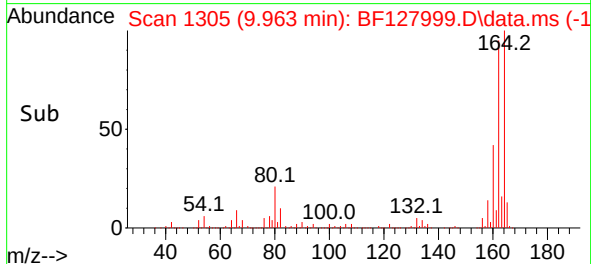
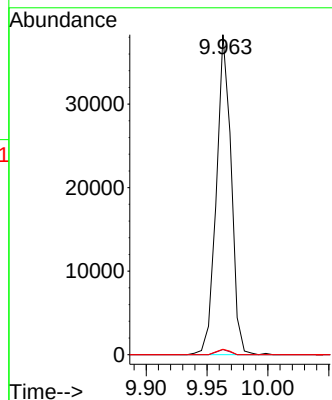
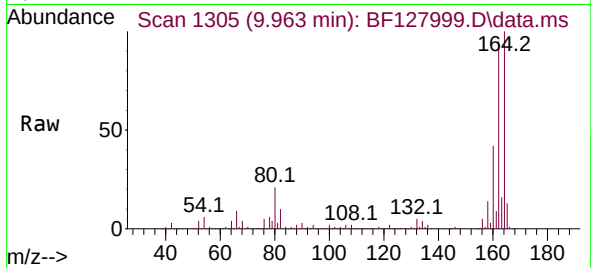




#51
2,6-Dinitrotoluene
Concen: 8.881 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF127999.D
Acq: 29 Apr 2022 17:16

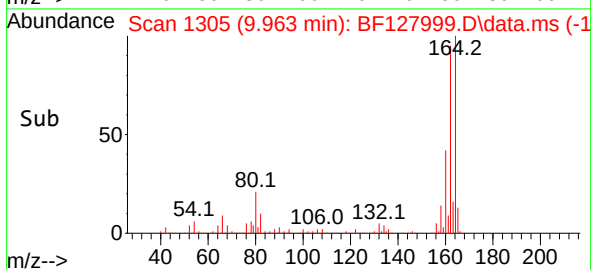
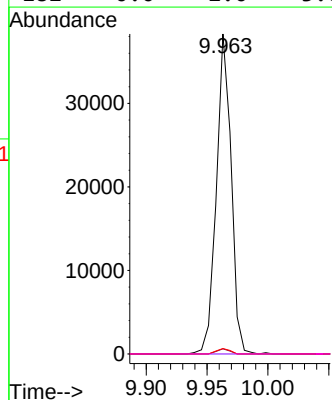
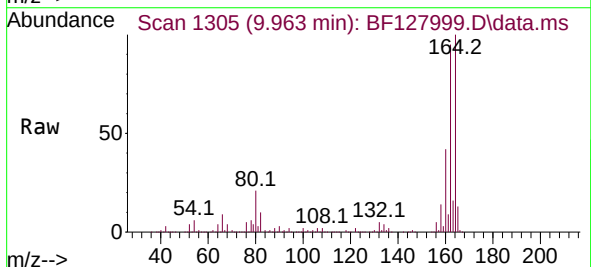
Instrument :
BNA_F
ClientSampleId :
10-16-SB3-BK-PRISON

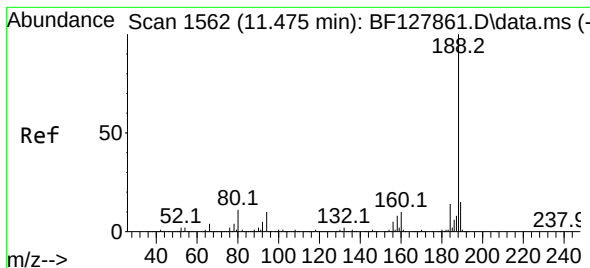
Tgt Ion:165 Resp: 32455
Ion Ratio Lower Upper
165 100
63 1.6 49.5 74.3#
89 1.7 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.705 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.200 min
Lab File: BF127999.D
Acq: 29 Apr 2022 17:16

Tgt Ion:165 Resp: 32455
Ion Ratio Lower Upper
165 100
63 1.6 32.6 49.0#
89 1.7 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: BF127999.D

Acq: 29 Apr 2022 17:16

Instrument :

BNA_F

ClientSampleId :

10-16-SB3-BK-PRISON

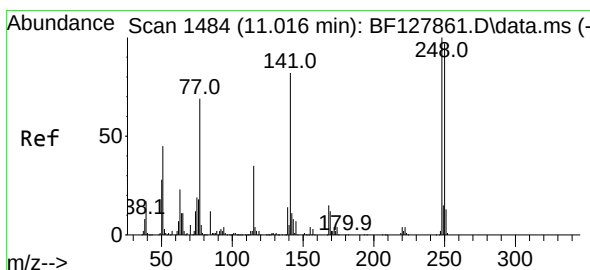
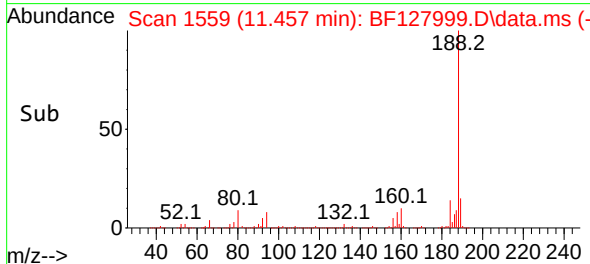
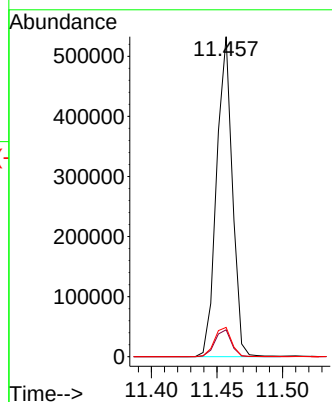
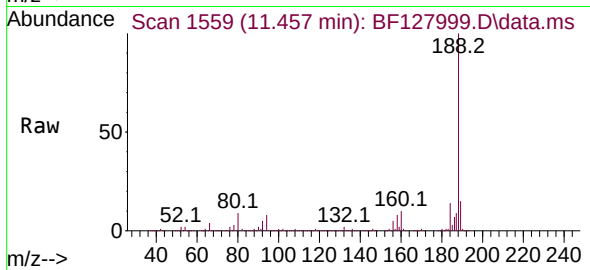
Tgt Ion:188 Resp: 445123

Ion Ratio Lower Upper

188 100

94 8.4 8.0 12.0

80 9.1 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.012 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.253 min

Lab File: BF127999.D

Acq: 29 Apr 2022 17:16

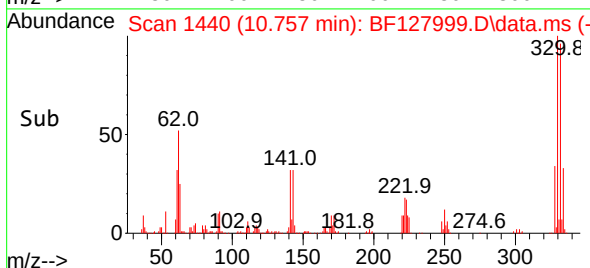
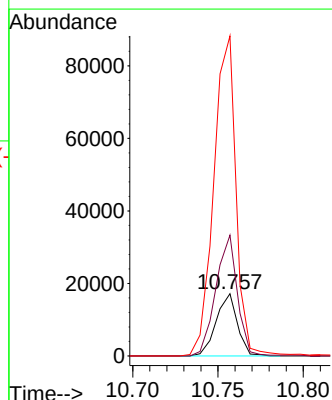
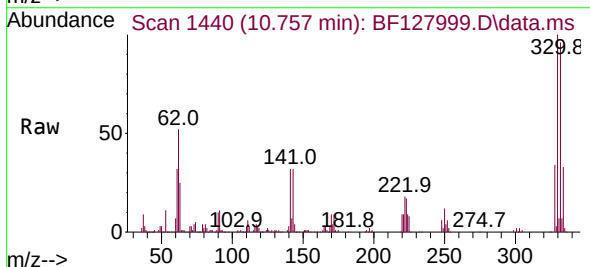
Tgt Ion:248 Resp: 14865

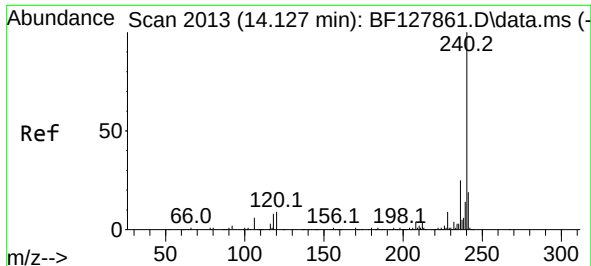
Ion Ratio Lower Upper

248 100

250 193.9 77.7 116.5#

141 513.6 65.6 98.4#

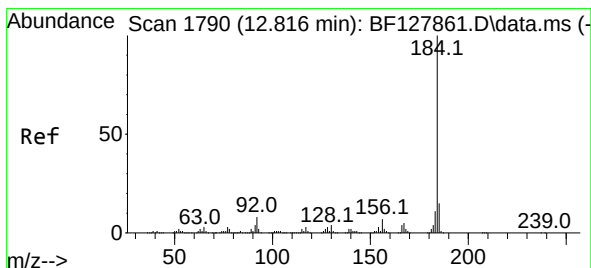
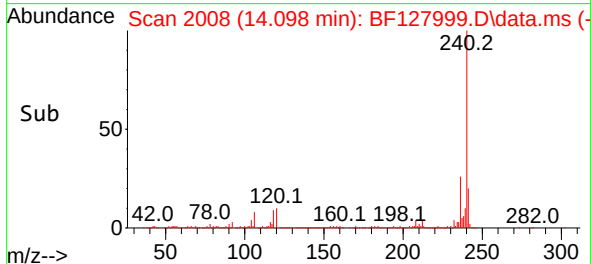
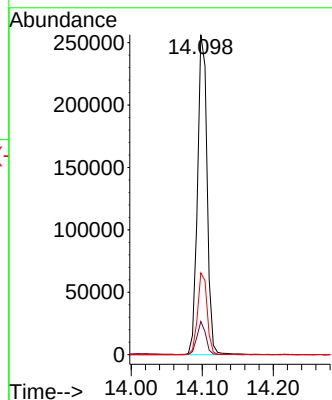
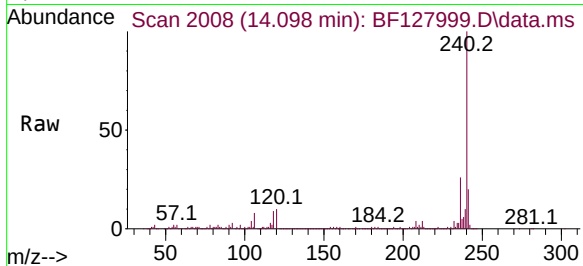




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2013
Delta R.T. -0.017 min
Lab File: BF127999.D
Acq: 29 Apr 2022 17:16

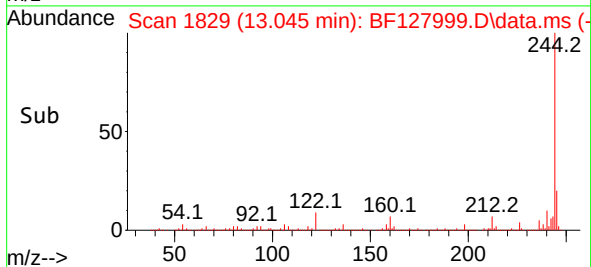
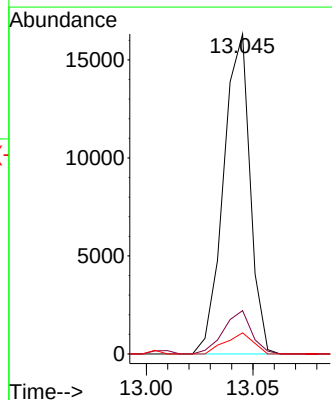
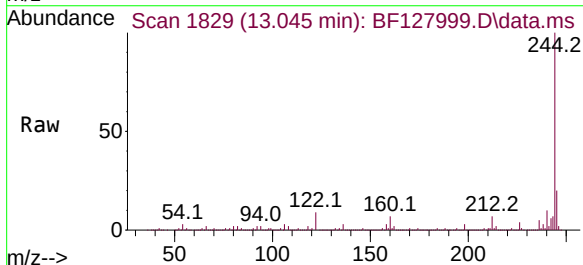
Instrument :
BNA_F
ClientSampleId :
10-16-SB3-BK-PRISON

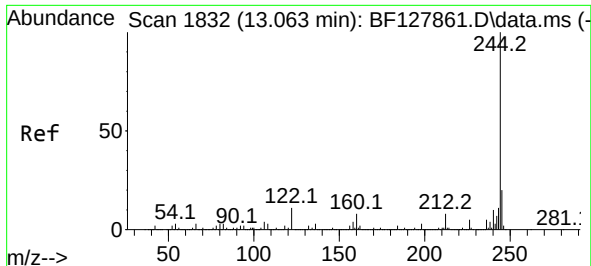
Tgt Ion:240 Resp: 241694
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 25.6 20.3 30.5



#77
Benzidine
Concen: 3.092 ng
RT: 13.045 min Scan# 1829
Delta R.T. 0.241 min
Lab File: BF127999.D
Acq: 29 Apr 2022 17:16

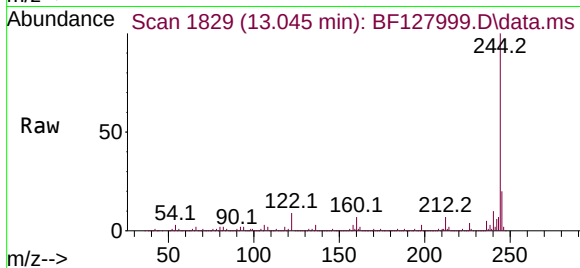
Tgt Ion:184 Resp: 14141
Ion Ratio Lower Upper
184 100
185 13.5 12.1 18.1
183 6.6 9.0 13.4#



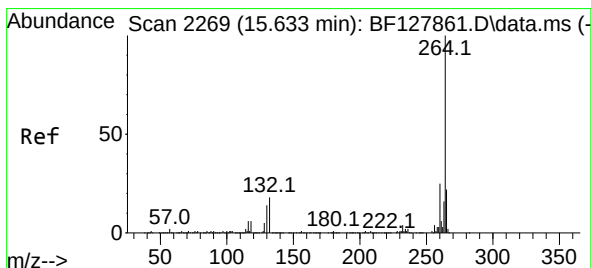
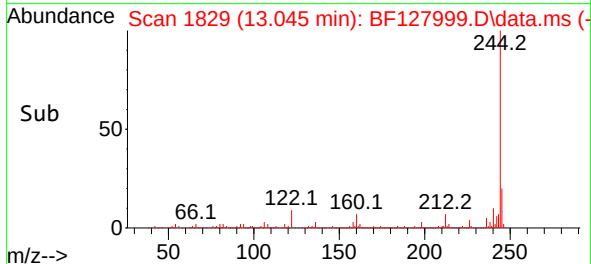
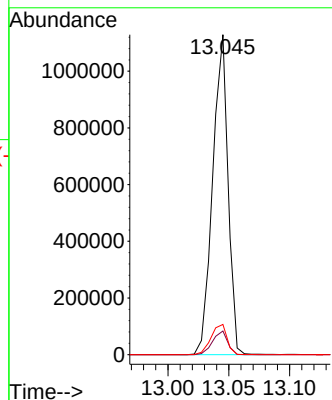


#79
 Terphenyl-d14
 Concen: 74.883 ng
 RT: 13.045 min Scan# 1829
 Delta R.T. -0.012 min
 Lab File: BF127999.D
 Acq: 29 Apr 2022 17:16

Instrument :
 BNA_F
 ClientSampleId :
 10-16-SB3-BK-PRISON



Tgt Ion:244 Resp: 989783
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.610 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF127999.D
 Acq: 29 Apr 2022 17:16

Tgt Ion:264 Resp: 237121
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 22.1 17.5 26.3

