

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF127992.D
 Acq On : 29 Apr 2022 13:39
 Operator : CG\JU
 Sample : PB144460BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144460BL

Quant Time: Apr 29 17:55:55 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)

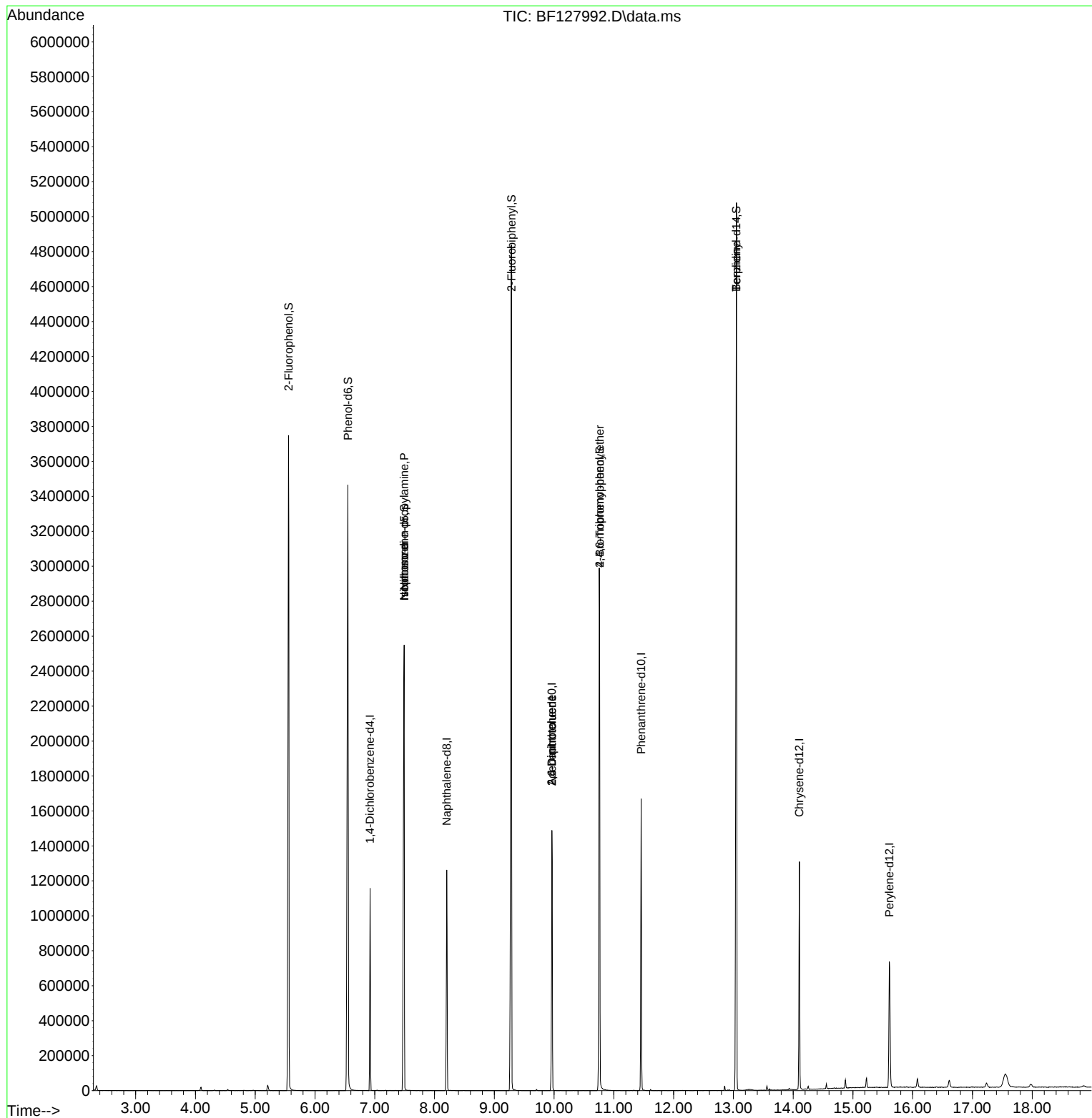
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	146554	20.000	ng	-0.01
21) Naphthalene-d8	8.204	136	581728	20.000	ng	-0.01
39) Acenaphthene-d10	9.963	164	330689	20.000	ng	-0.01
64) Phenanthrene-d10	11.457	188	589521	20.000	ng	-0.01
76) Chrysene-d12	14.104	240	426747	20.000	ng	-0.01
86) Perylene-d12	15.609	264	332626	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	1113286	120.995	ng	0.00
7) Phenol-d6	6.551	99	1453160	121.715	ng	-0.01
23) Nitrobenzene-d5	7.492	82	1070491	86.533	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	397137	119.298	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1704600	87.204	ng	0.00
79) Terphenyl-d14	13.051	244	1881517	80.621	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	146499	20.045	ng	# 78
25) Isophorone	7.492	82	1066340	51.215	ng	# 68
51) 2,6-Dinitrotoluene	9.963	165	42858	8.926	ng	# 21
57) 2,4-Dinitrotoluene	9.963	165	42858	6.738	ng	# 25
67) 4-Bromophenyl-phenylether	10.763	248	25241	3.862	ng	# 1
77) Benzidine	13.051	184	26952	3.338	ng	# 92

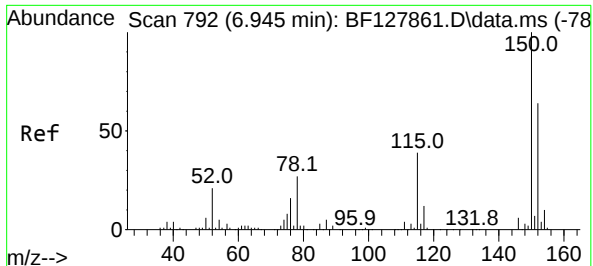
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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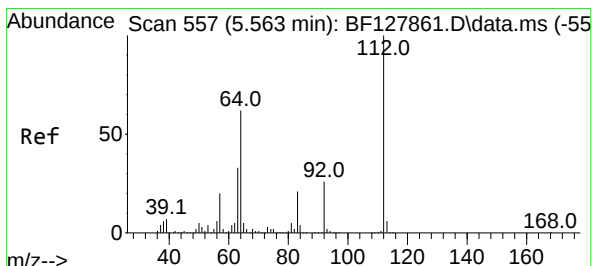
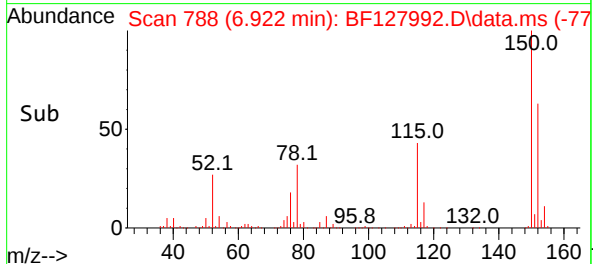
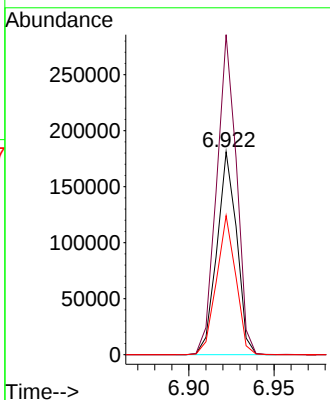
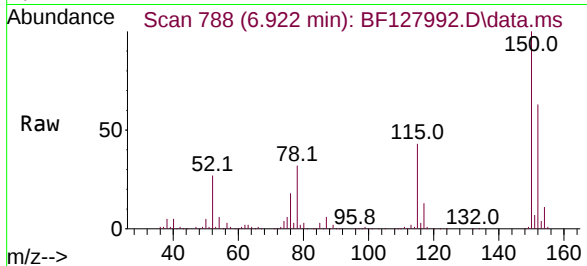




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 792
Delta R.T. -0.012 min
Lab File: BF127992.D
Acq: 29 Apr 2022 13:39

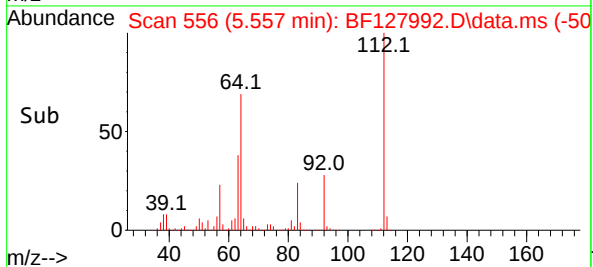
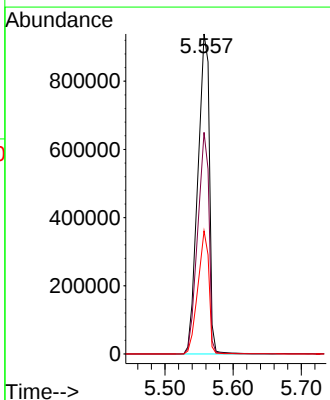
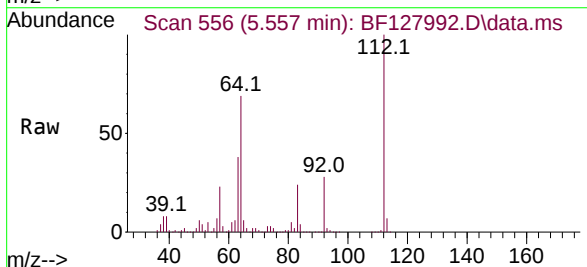
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BNA_F
ClientSampleId :
PB144460BL

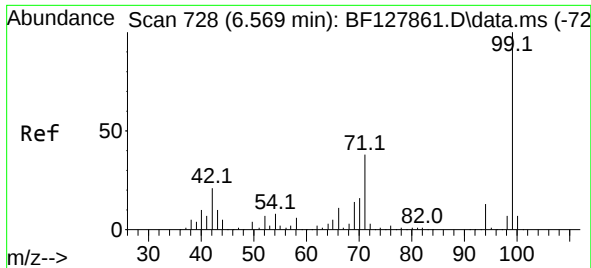
Tgt Ion:152 Resp: 146554
Ion Ratio Lower Upper
152 100
150 157.7 125.3 187.9
115 68.5 48.8 73.2



#5
2-Fluorophenol
Concen: 120.995 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF127992.D
Acq: 29 Apr 2022 13:39

Tgt Ion:112 Resp: 1113286
Ion Ratio Lower Upper
112 100
64 69.3 49.5 74.3
63 38.4 26.3 39.5

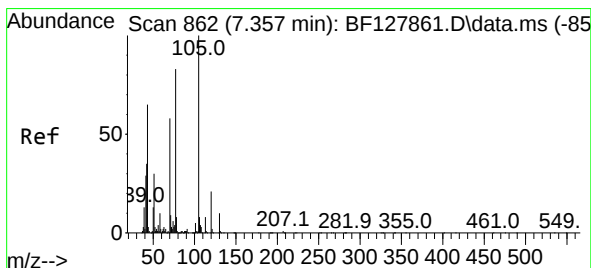
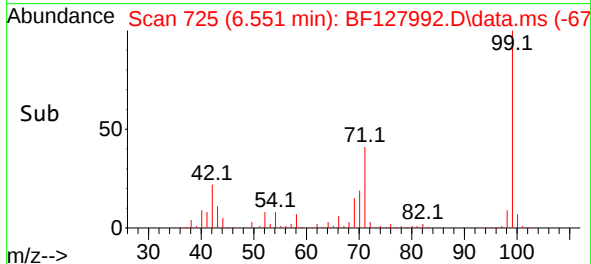
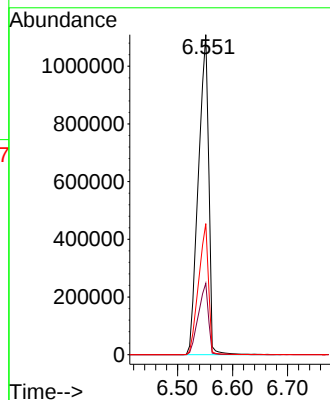
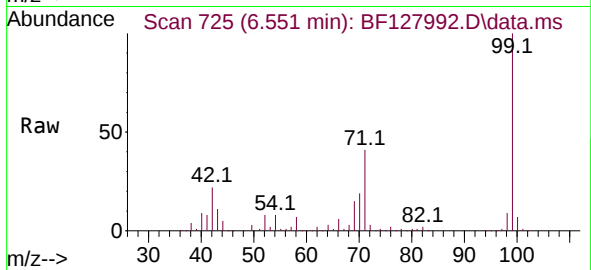




#7
Phenol-d6
Concen: 121.715 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127992.D
Acq: 29 Apr 2022 13:39

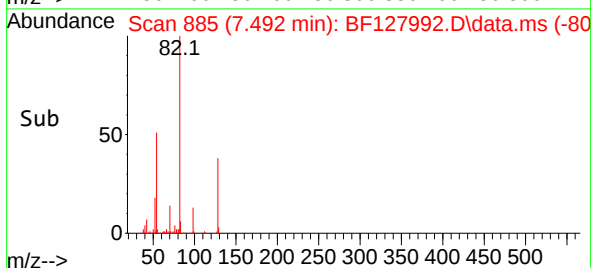
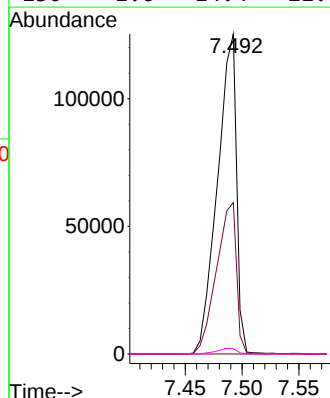
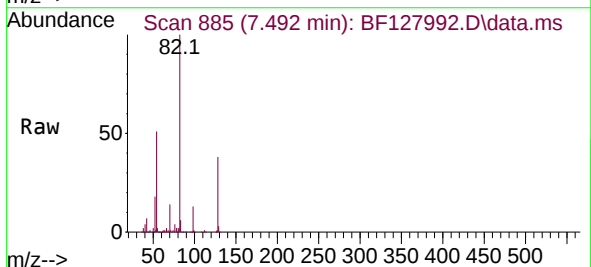
Instrument :
BNA_F
ClientSampleId :
PB144460BL

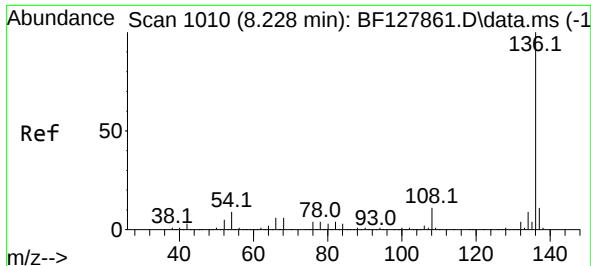
Tgt Ion: 99 Resp: 1453160
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 41.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.045 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF127992.D
Acq: 29 Apr 2022 13:39

Tgt Ion: 70 Resp: 146499
Ion Ratio Lower Upper
70 100
42 47.3 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

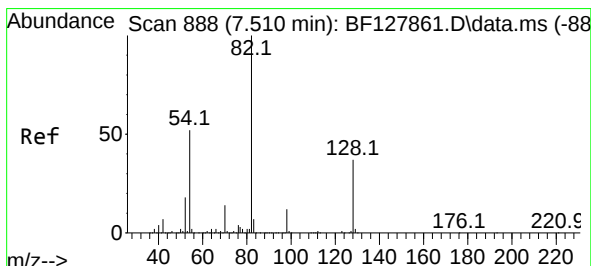
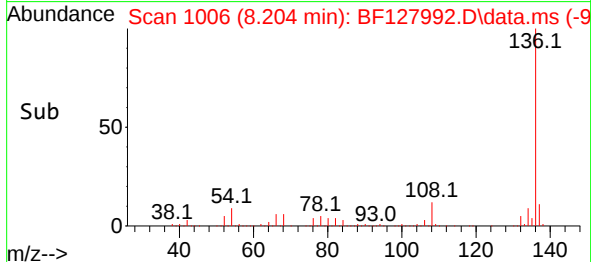
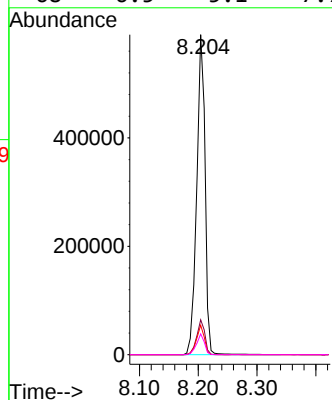
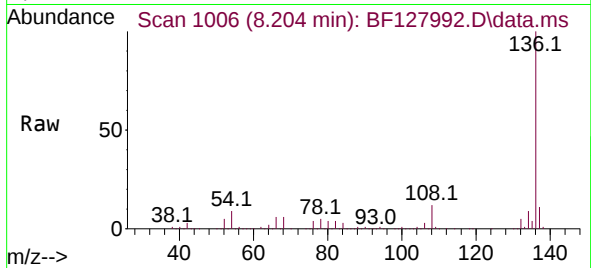




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF127992.D
Acq: 29 Apr 2022 13:39

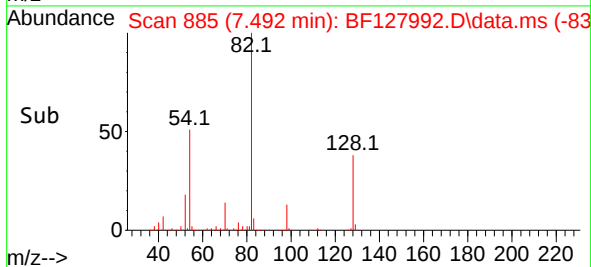
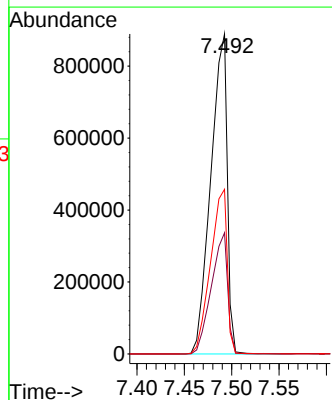
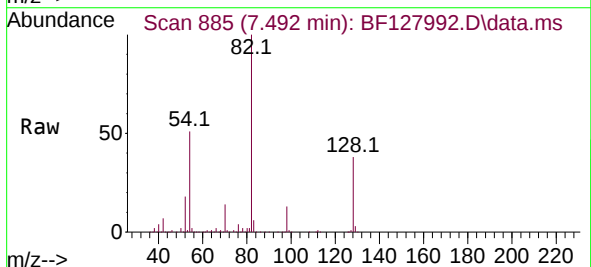
Instrument :
BNA_F
ClientSampleId :
PB144460BL

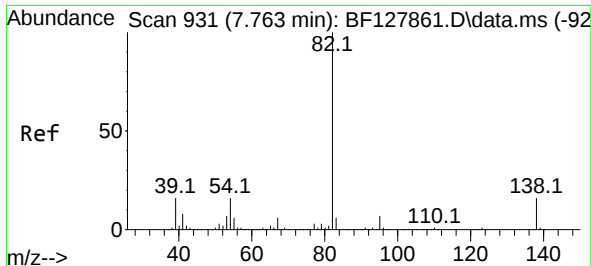
Tgt Ion:136	Resp: 581728
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 9.2	6.8 10.2
68 6.5	5.1 7.7



#23
Nitrobenzene-d5
Concen: 86.533 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF127992.D
Acq: 29 Apr 2022 13:39

Tgt Ion: 82		Resp: 1070491	
Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.0	45.0
54	51.5	41.3	61.9

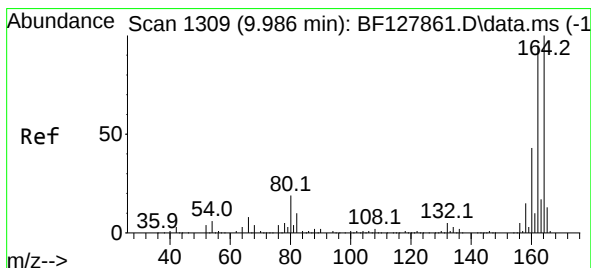
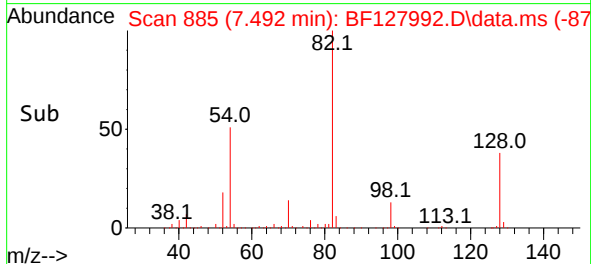
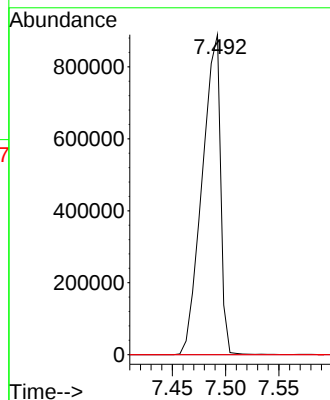
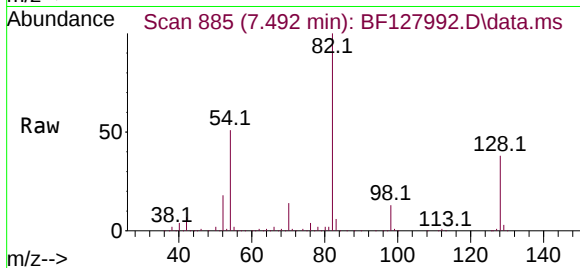




#25
Isophorone
Concen: 51.215 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127992.D
Acq: 29 Apr 2022 13:39

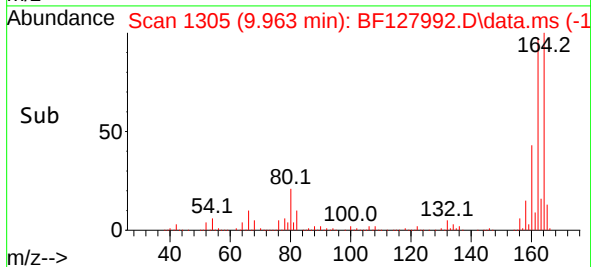
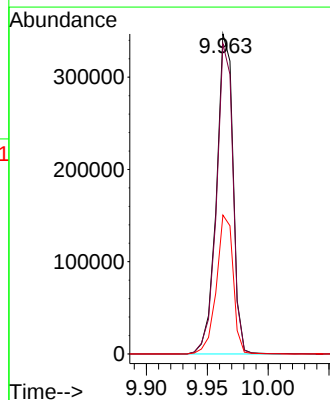
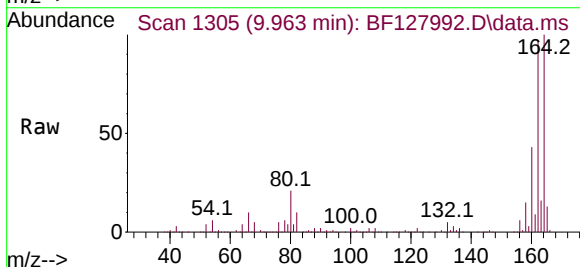
Instrument :
BNA_F
ClientSampleId :
PB144460BL

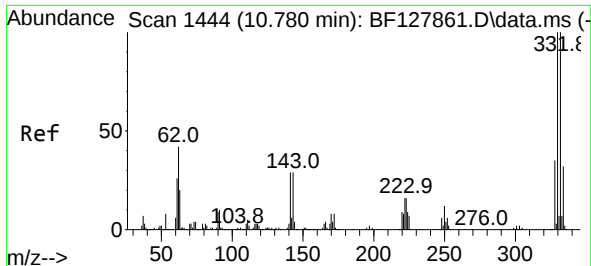
Tgt Ion: 82 Resp: 1066340
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF127992.D
Acq: 29 Apr 2022 13:39

Tgt Ion: 164 Resp: 330689
Ion Ratio Lower Upper
164 100
162 97.0 76.0 114.0
160 43.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 119.298 ng

RT: 10.763 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127992.D

Acq: 29 Apr 2022 13:39

Instrument :

BNA_F

ClientSampleId :

PB144460BL

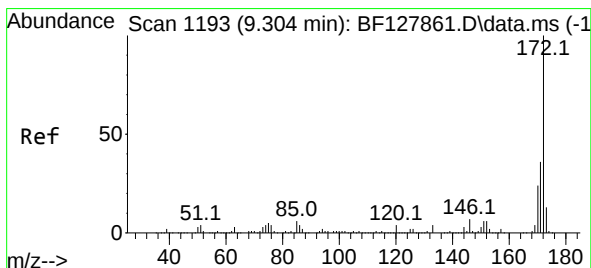
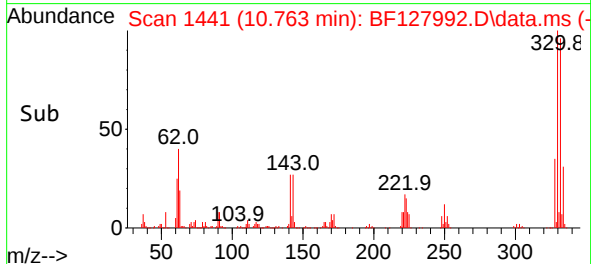
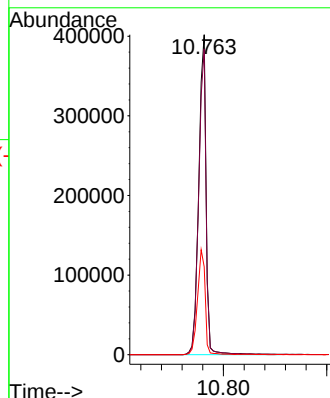
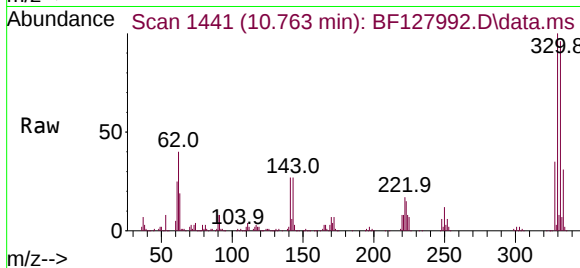
Tgt Ion:330 Resp: 397137

Ion Ratio Lower Upper

330 100

332 96.1 79.0 118.4

141 34.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 87.204 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF127992.D

Acq: 29 Apr 2022 13:39

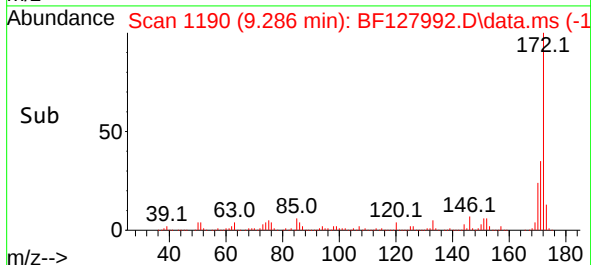
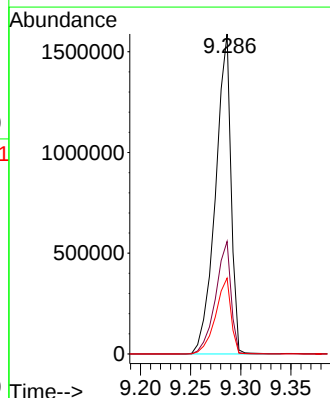
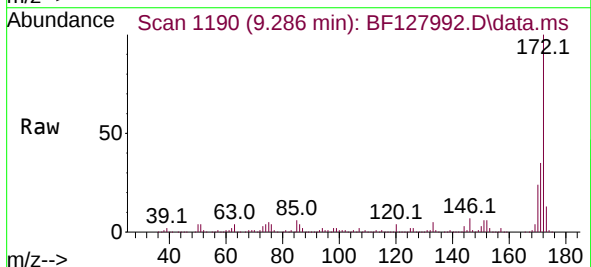
Tgt Ion:172 Resp: 1704600

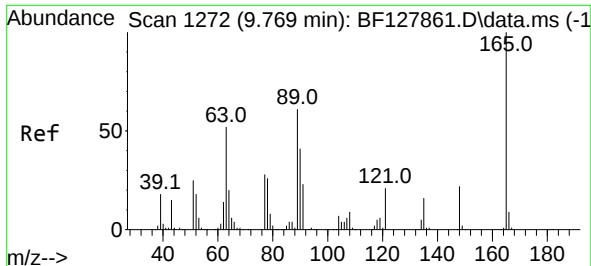
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.7 19.1 28.7

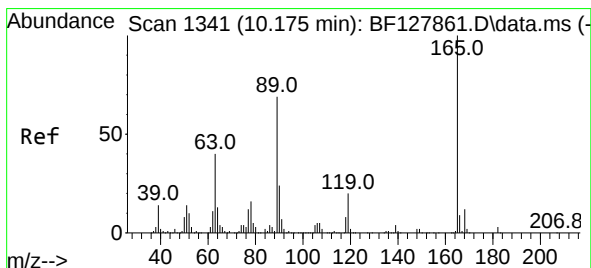
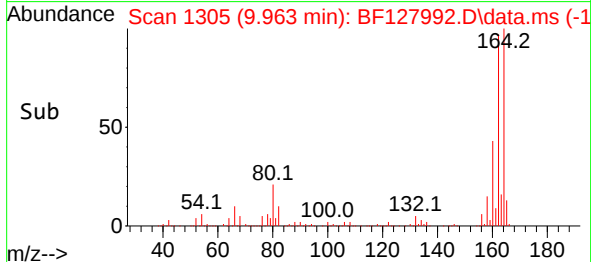
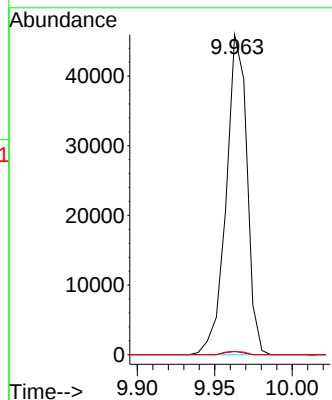
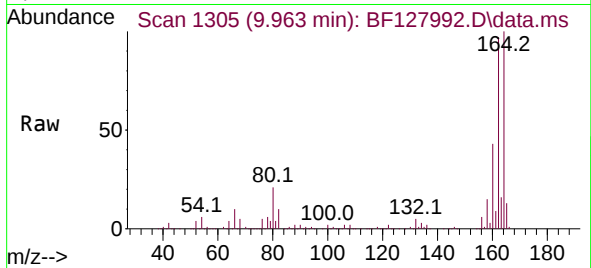




#51
2,6-Dinitrotoluene
Concen: 8.926 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF127992.D
Acq: 29 Apr 2022 13:39

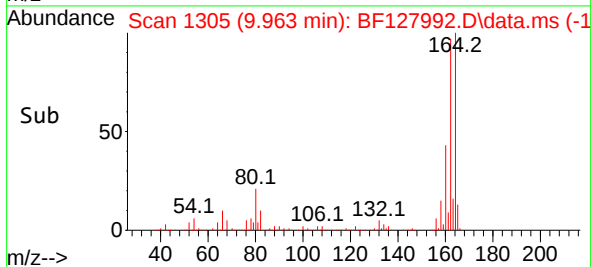
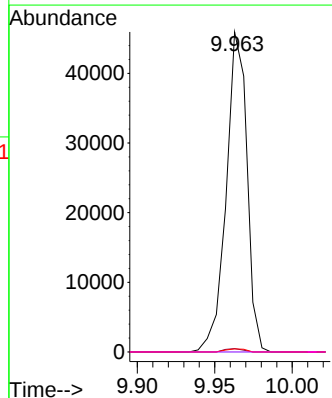
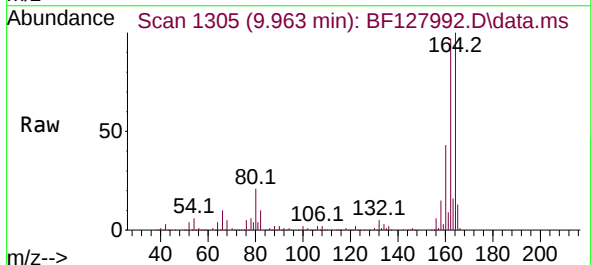
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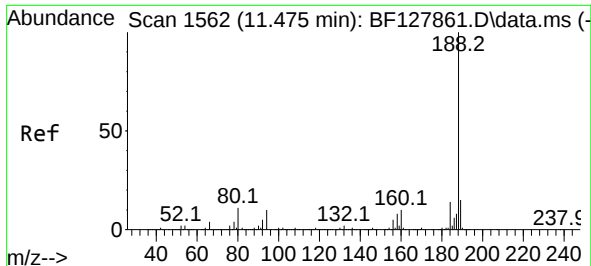
Tgt Ion:165 Resp: 42858
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 0.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.738 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.200 min
Lab File: BF127992.D
Acq: 29 Apr 2022 13:39

Tgt Ion:165 Resp: 42858
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 0.9 55.2 82.8#
182 0.0 2.0 3.0#

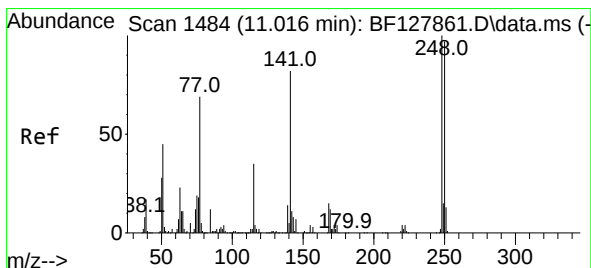
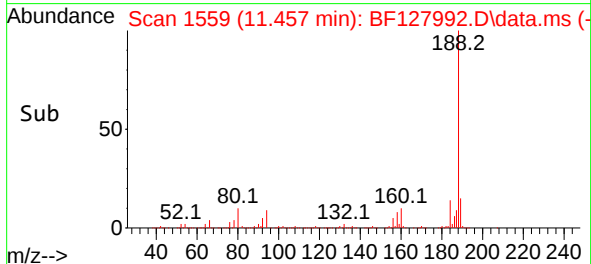
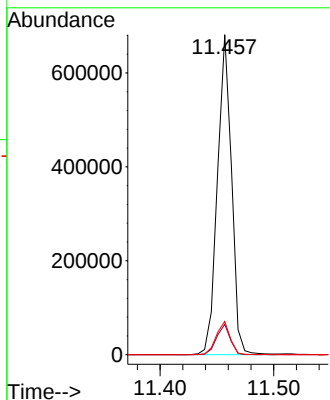
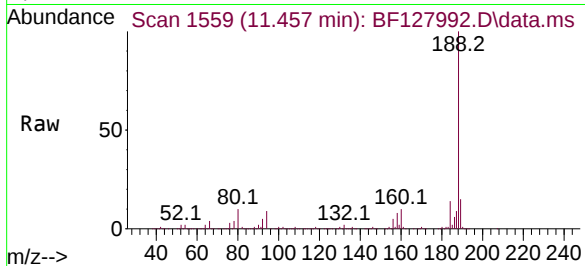




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127992.D
Acq: 29 Apr 2022 13:39

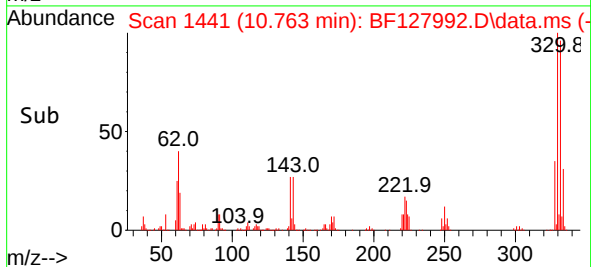
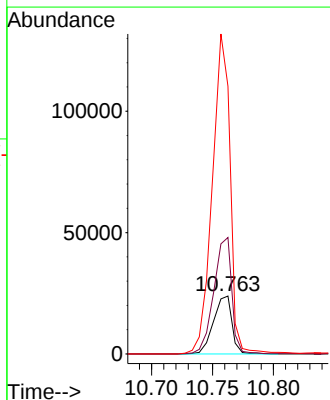
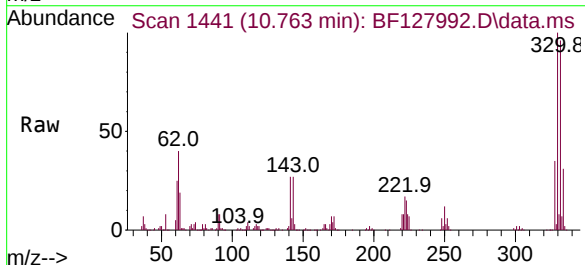
Instrument :
BNA_F
ClientSampleId :
PB144460BL

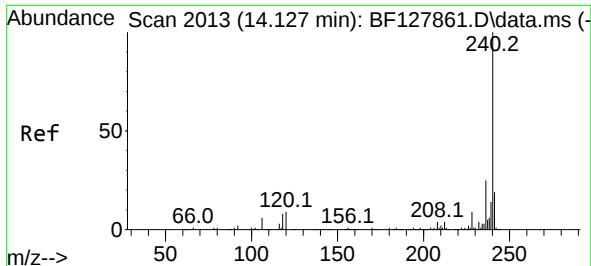
Tgt Ion:188 Resp: 589521
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.862 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF127992.D
Acq: 29 Apr 2022 13:39

Tgt Ion:248 Resp: 25241
Ion Ratio Lower Upper
248 100
250 201.3 77.7 116.5#
141 462.4 65.6 98.4#

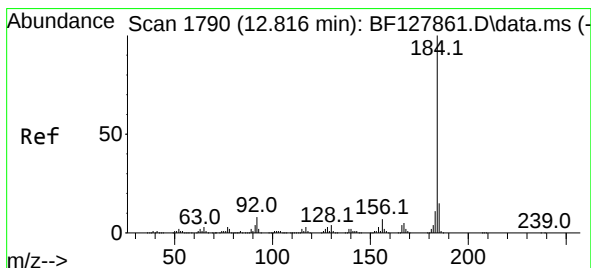
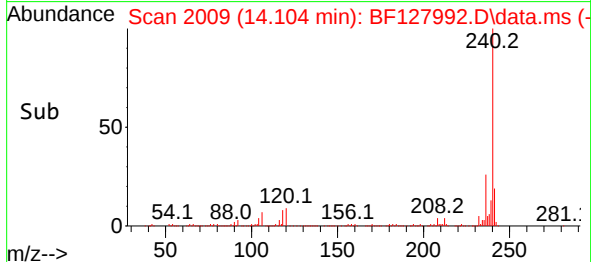
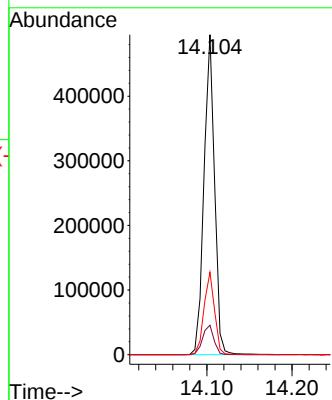
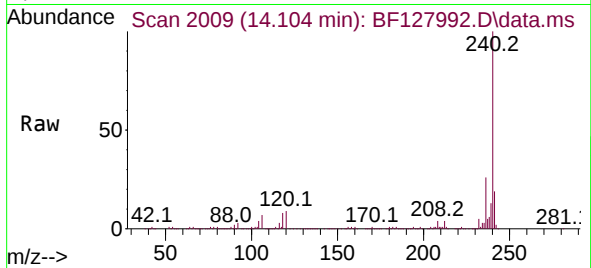




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF127992.D
Acq: 29 Apr 2022 13:39

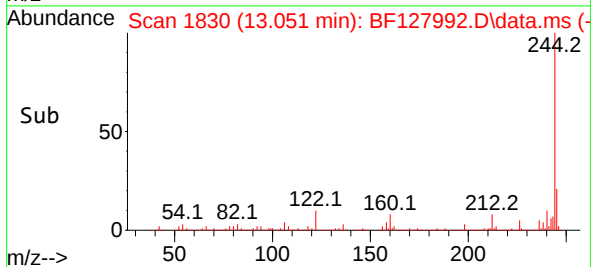
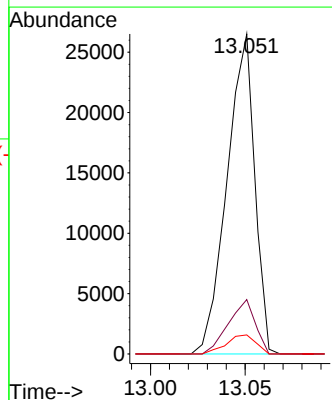
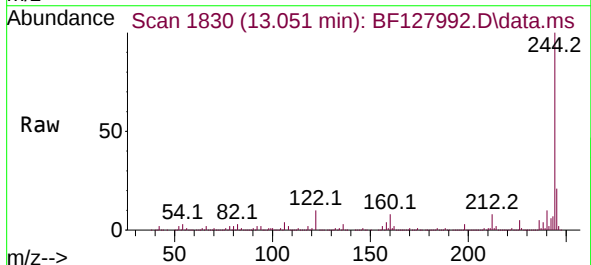
Instrument :
BNA_F
ClientSampleId :
PB144460BL

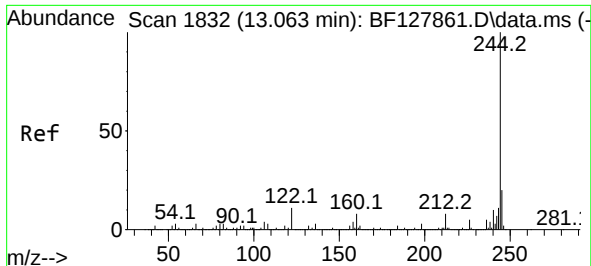
Tgt Ion:240 Resp: 426747
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 25.7 20.3 30.5



#77
Benzidine
Concen: 3.338 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF127992.D
Acq: 29 Apr 2022 13:39

Tgt Ion:184 Resp: 26952
Ion Ratio Lower Upper
184 100
185 17.0 12.1 18.1
183 5.9 9.0 13.4#

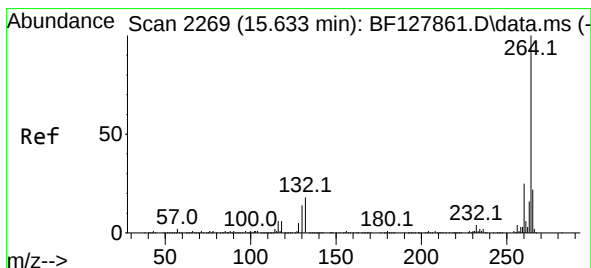
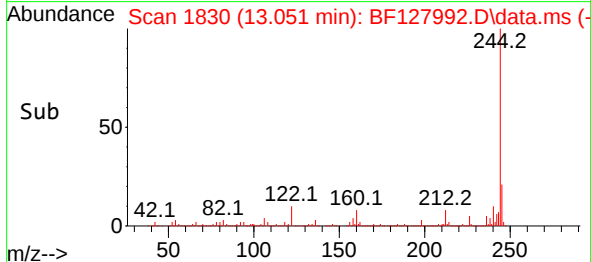
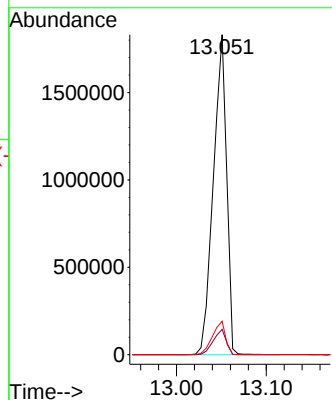
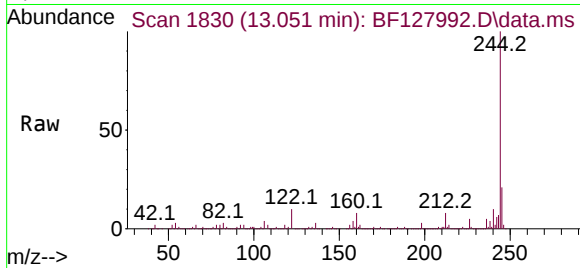




#79
 Terphenyl-d14
 Concen: 80.621 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. -0.006 min
 Lab File: BF127992.D
 Acq: 29 Apr 2022 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB144460BL

Tgt Ion:244 Resp: 1881517
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.609 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF127992.D
 Acq: 29 Apr 2022 13:39

Tgt Ion:264 Resp: 332626
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 21.0 17.5 26.3

