

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127923.D
 Acq On : 26 Apr 2022 20:12
 Operator : CG\JU
 Sample : N2479-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E14ST-EB4-041922-0-5MS

Quant Time: Apr 27 01:48:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

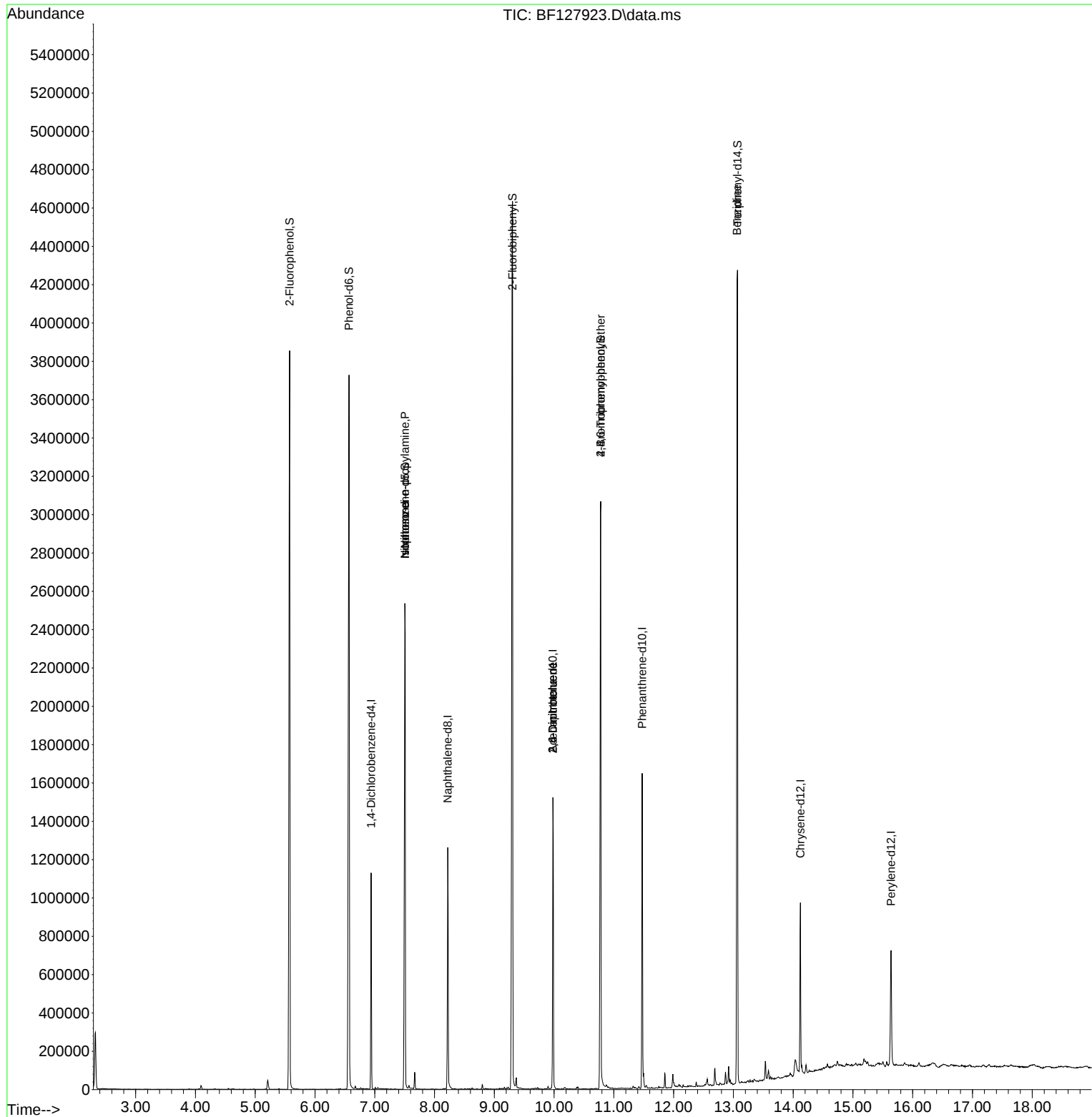
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	144061	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	575704	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	332899	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	581469	20.000	ng	0.00
76) Chrysene-d12	14.121	240	298178	20.000	ng	0.00
86) Perylene-d12	15.639	264	301054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1071335	118.450	ng	0.01
7) Phenol-d6	6.569	99	1424826	121.407	ng	0.00
23) Nitrobenzene-d5	7.504	82	1056220	86.273	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	415496	123.985	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1725642	87.695	ng	0.00
79) Terphenyl-d14	13.068	244	1656021	101.555	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.504	70	143850	20.023	ng	Qvalue # 80
25) Isophorone	7.504	82	1056209	51.259	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	42448	8.781	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	42448	6.629	ng	# 26
67) 4-Bromophenyl-phenylether	10.780	248	26440	4.102	ng	# 1
77) Benzydine	13.063	184	23854	4.228	ng	# 87

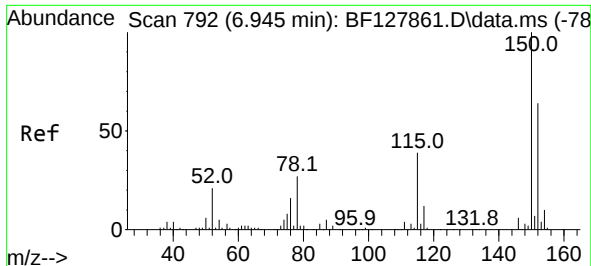
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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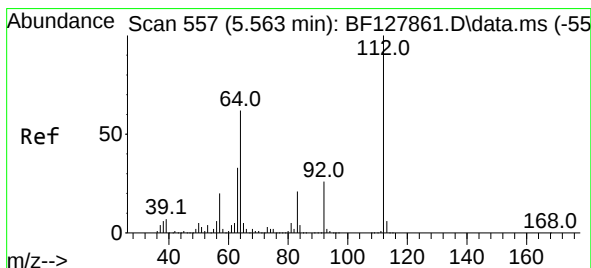
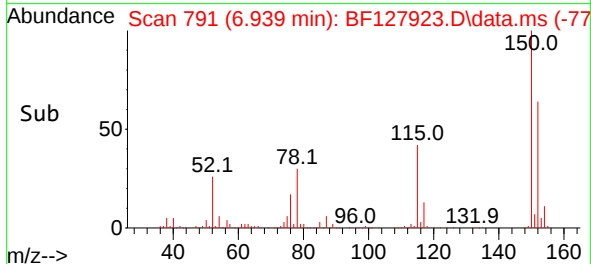
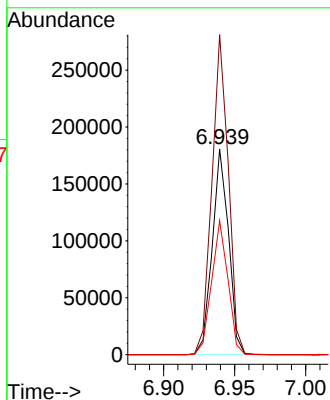
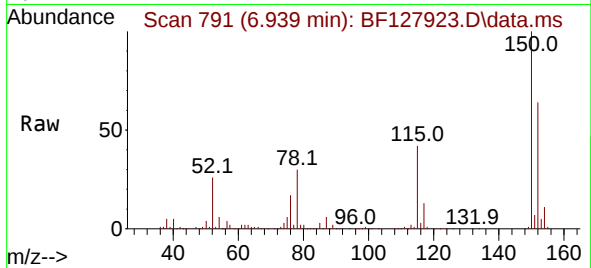




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF127923.D
 Acq: 26 Apr 2022 20:12

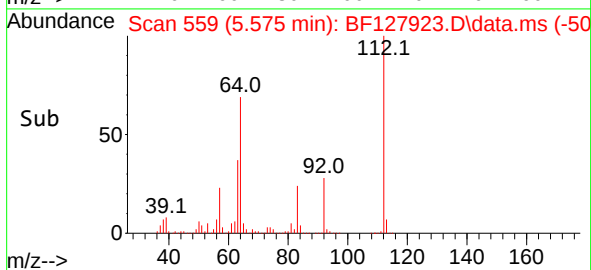
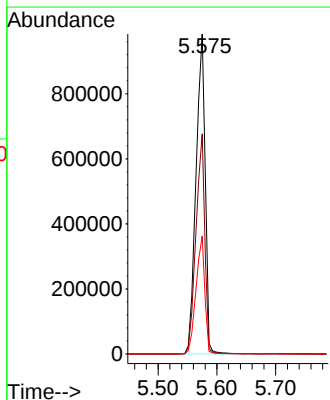
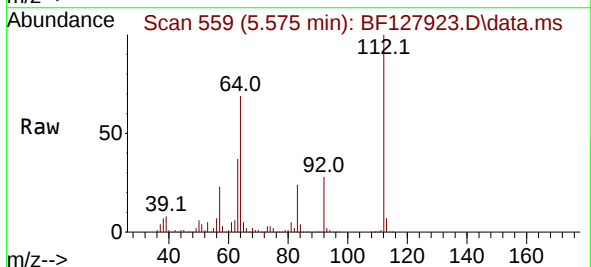
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 ClientSampleId :
 E14ST-EB4-041922-0-5MS

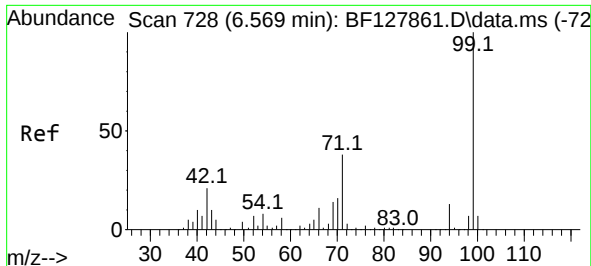
Tgt Ion:152 Resp: 144061
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.3 187.9
 115 65.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 118.450 ng
 RT: 5.575 min Scan# 559
 Delta R.T. 0.012 min
 Lab File: BF127923.D
 Acq: 26 Apr 2022 20:12

Tgt Ion:112 Resp: 1071335
 Ion Ratio Lower Upper
 112 100
 64 68.8 49.5 74.3
 63 36.9 26.3 39.5





#7

Phenol-d6

Concen: 121.407 ng

RT: 6.569 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127923.D

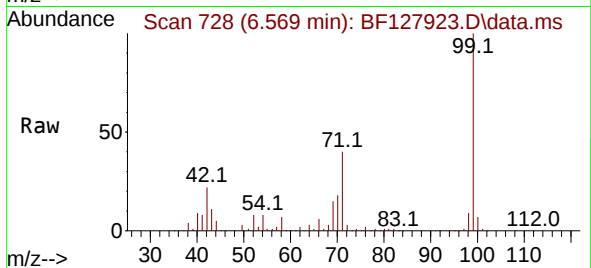
Acq: 26 Apr 2022 20:12

Instrument :

BNA_F

ClientSampleId :

E14ST-EB4-041922-0-5MS



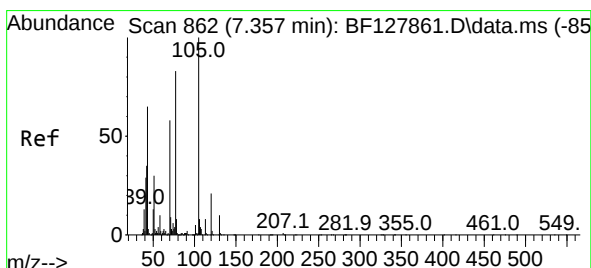
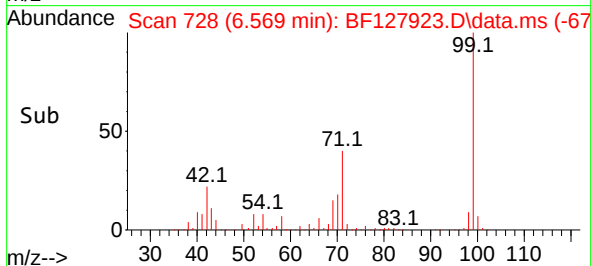
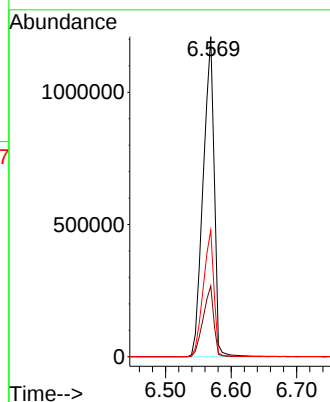
Tgt Ion: 99 Resp: 1424826

Ion Ratio Lower Upper

99 100

42 22.1 16.6 24.8

71 39.6 30.0 45.0



#19

n-Nitroso-di-n-propylamine

Concen: 20.023 ng

RT: 7.504 min Scan# 887

Delta R.T. 0.147 min

Lab File: BF127923.D

Acq: 26 Apr 2022 20:12

Tgt Ion: 70 Resp: 143850

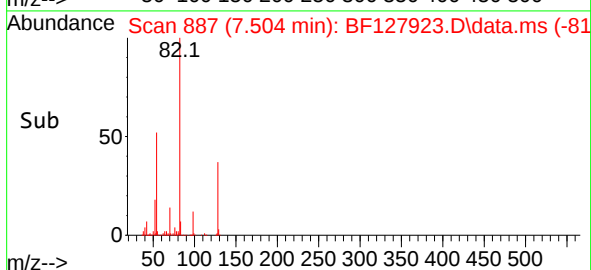
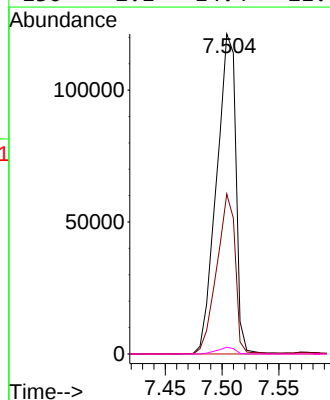
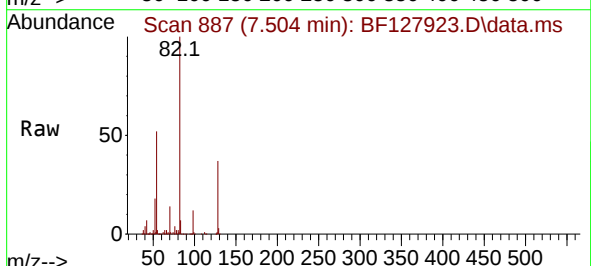
Ion Ratio Lower Upper

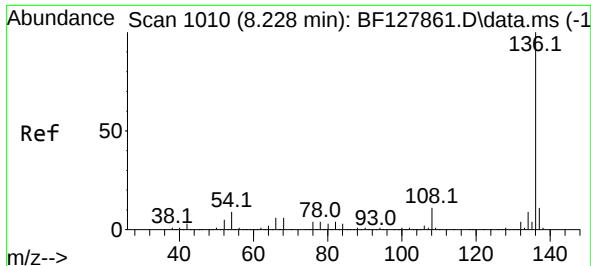
70 100

42 50.0 48.7 73.1

101 0.0 7.2 10.8#

130 2.1 14.4 21.6#

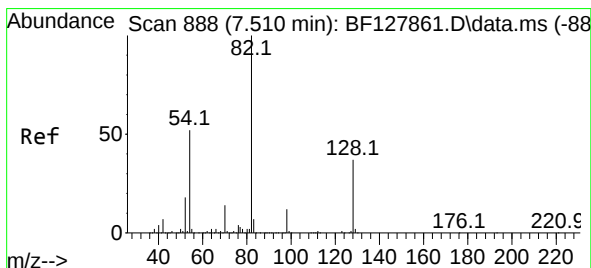
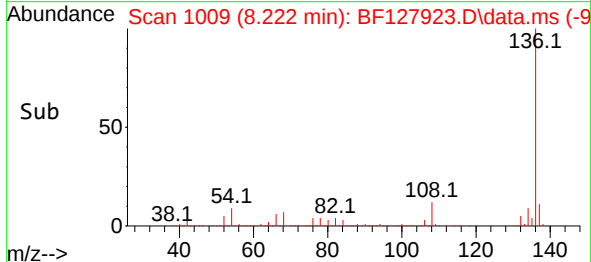
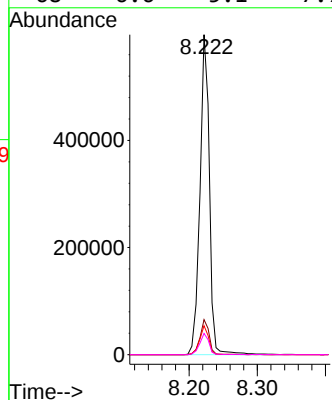
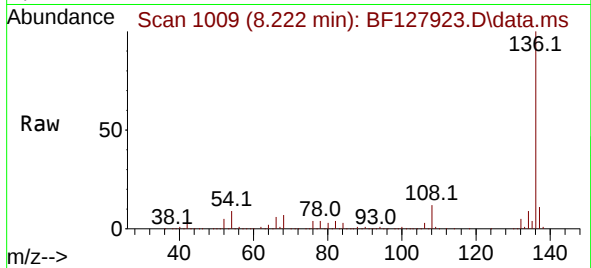




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

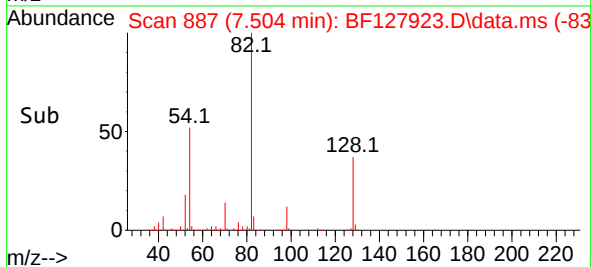
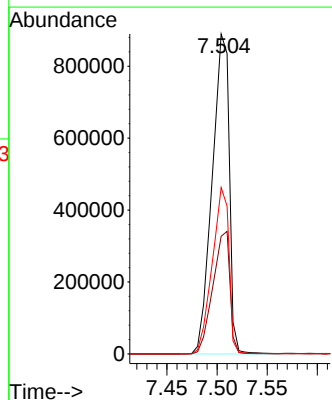
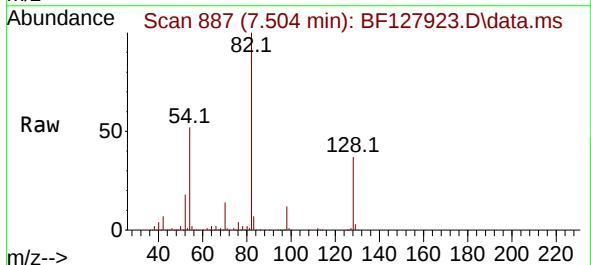
Instrument :
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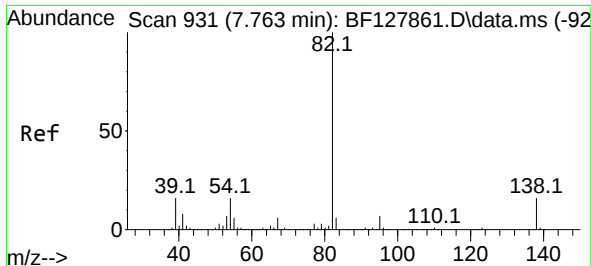
Tgt Ion:	136	Resp:	575704
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.0	6.8	10.2
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 86.273 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

Tgt Ion:	82	Resp:	1056220
Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.0	45.0
54	52.0	41.3	61.9

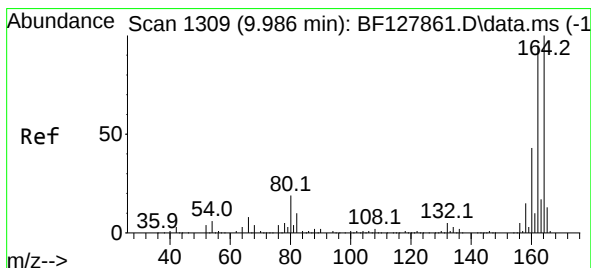
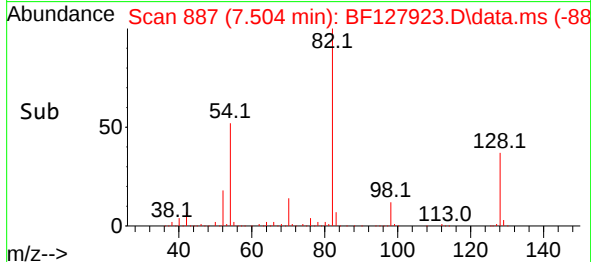
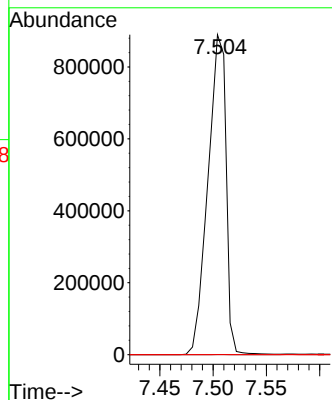
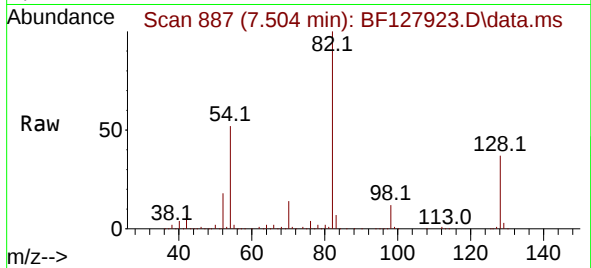




#25
Isophorone
Concen: 51.259 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

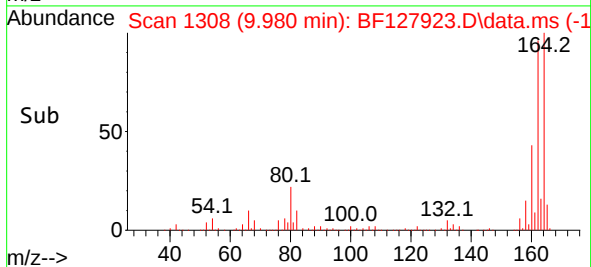
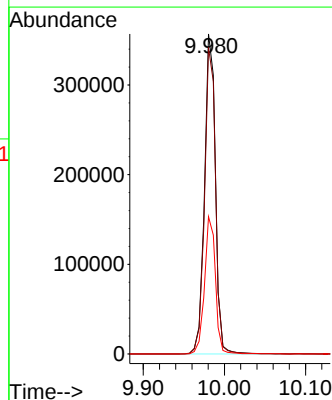
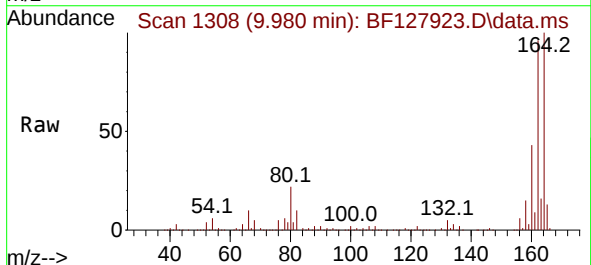
Instrument :
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ClientSampleId :
E14ST-EB4-041922-0-5MS

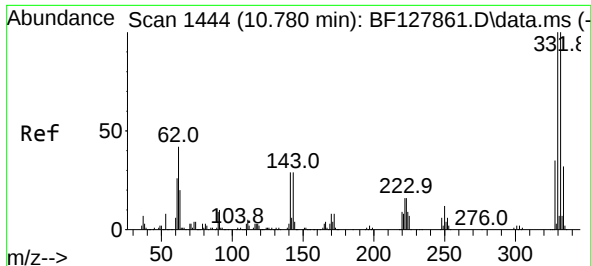
Tgt Ion: 82 Resp: 1056209
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

Tgt Ion:164 Resp: 332899
Ion Ratio Lower Upper
164 100
162 95.8 76.0 114.0
160 42.9 34.8 52.2

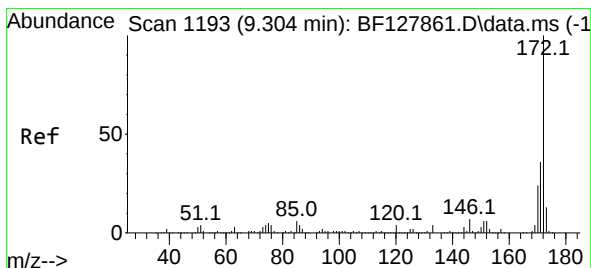
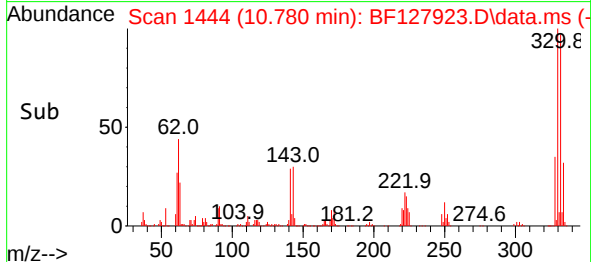
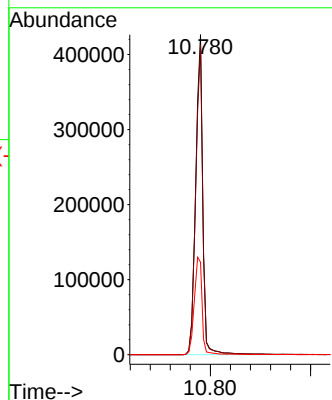
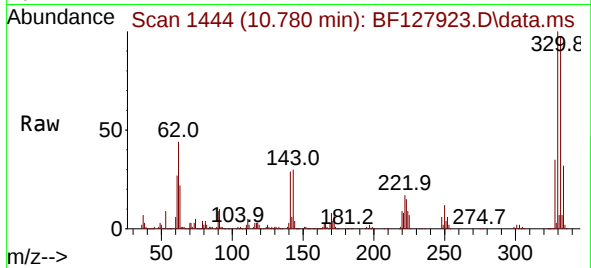




#42
 2,4,6-Tribromophenol
 Concen: 123.985 ng
 RT: 10.780 min Scan# 1444
 Delta R.T. -0.000 min
 Lab File: BF127923.D
 Acq: 26 Apr 2022 20:12

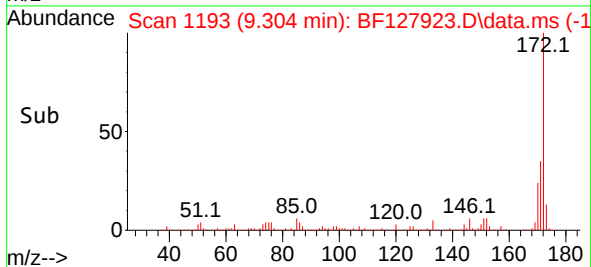
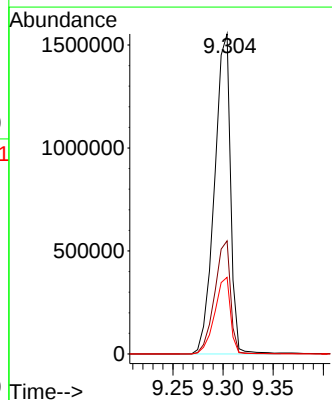
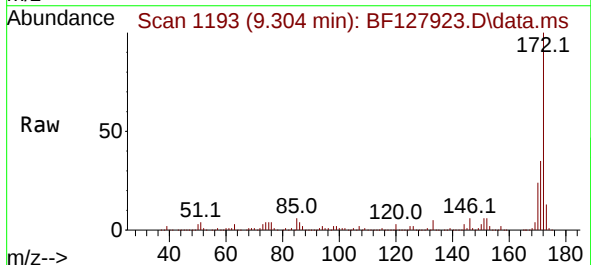
Instrument :
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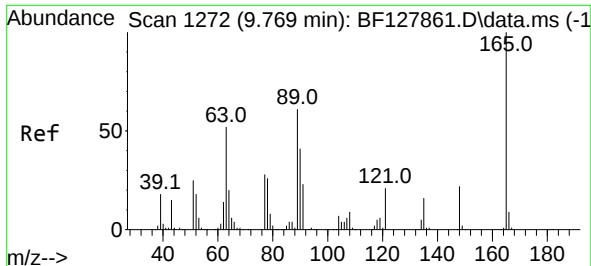
Tgt Ion:330 Resp: 415496
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 33.8 28.9 43.3



#45
 2-Fluorobiphenyl
 Concen: 87.695 ng
 RT: 9.304 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: BF127923.D
 Acq: 26 Apr 2022 20:12

Tgt Ion:172 Resp: 1725642
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.9 19.1 28.7

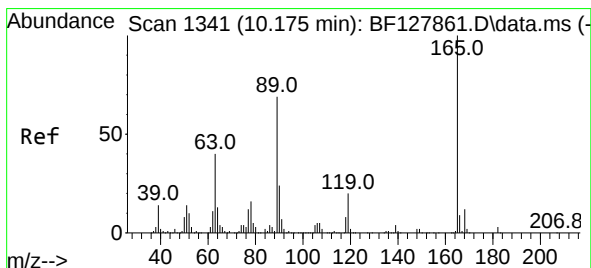
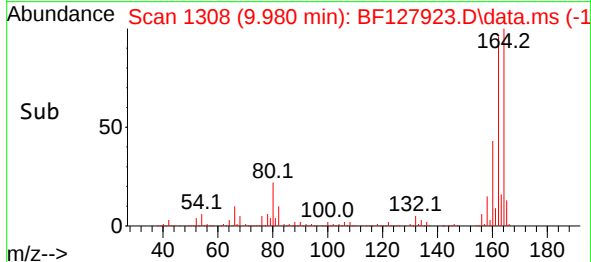
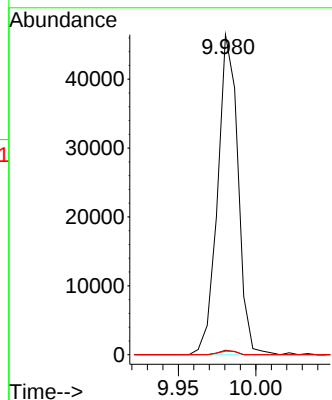
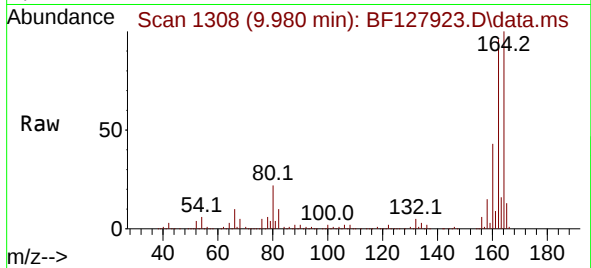




#51
2,6-Dinitrotoluene
Concen: 8.781 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

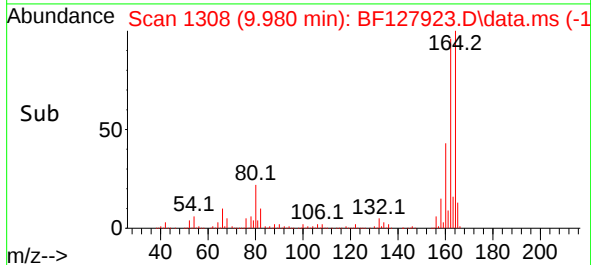
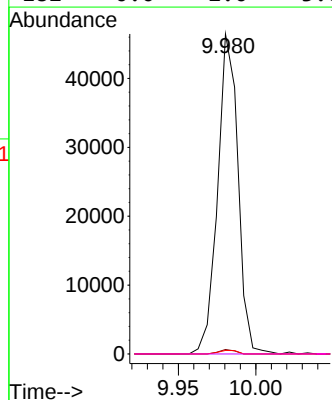
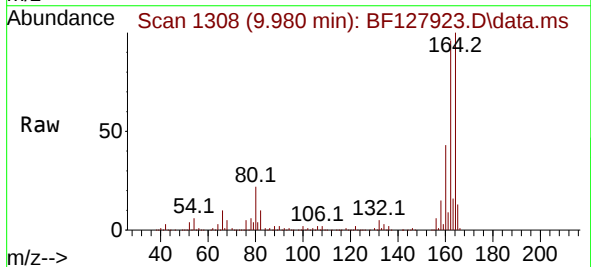
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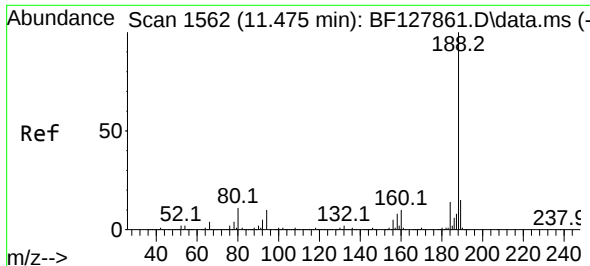
Tgt Ion:165 Resp: 42448
Ion Ratio Lower Upper
165 100
63 1.4 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.629 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

Tgt Ion:165 Resp: 42448
Ion Ratio Lower Upper
165 100
63 1.4 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

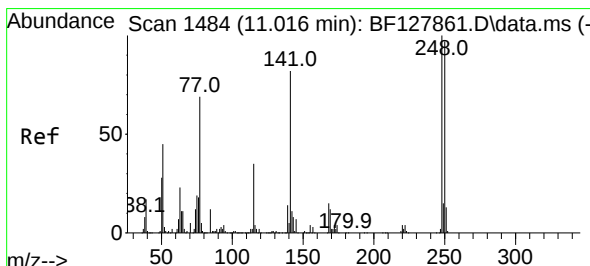
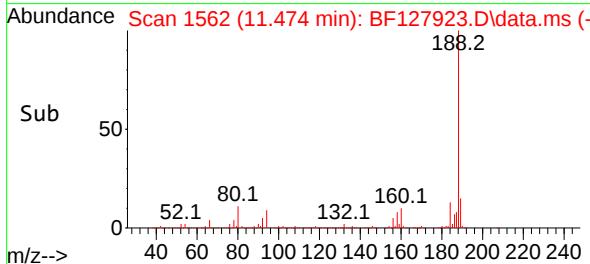
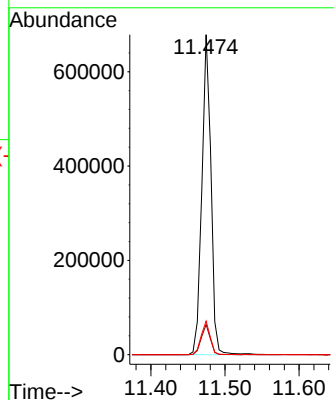
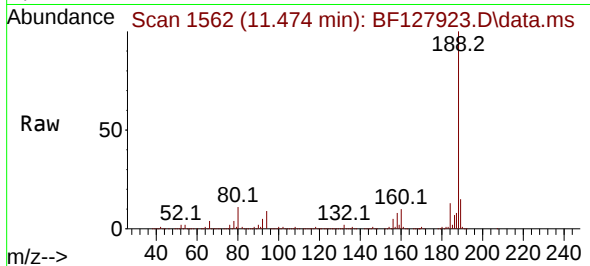




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

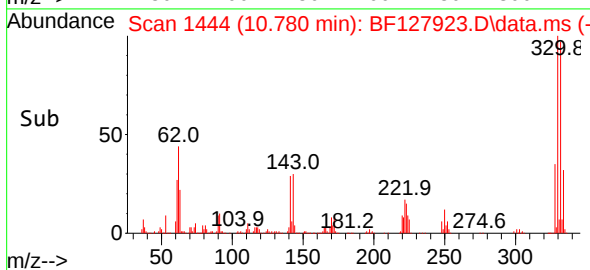
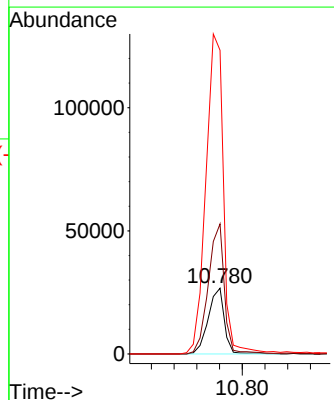
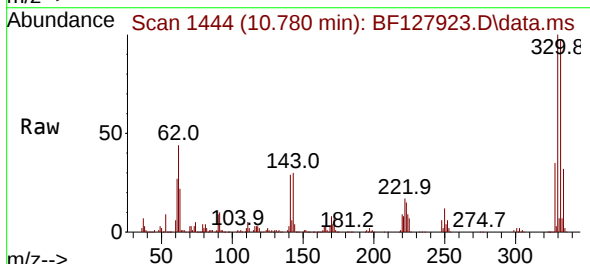
Instrument :
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E14ST-EB4-041922-0-5MS

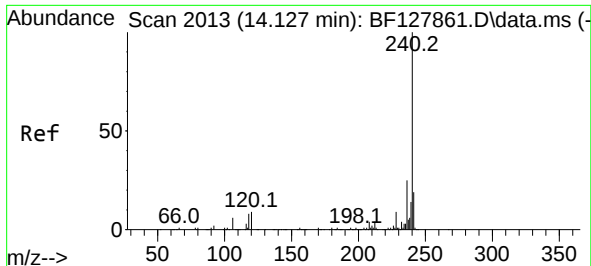
Tgt Ion:188 Resp: 581469
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.102 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.235 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

Tgt Ion:248 Resp: 26440
Ion Ratio Lower Upper
248 100
250 197.8 77.7 116.5#
141 461.7 65.6 98.4#

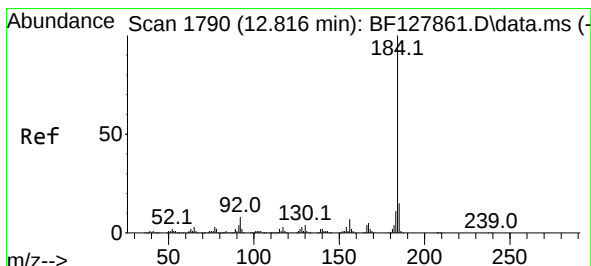
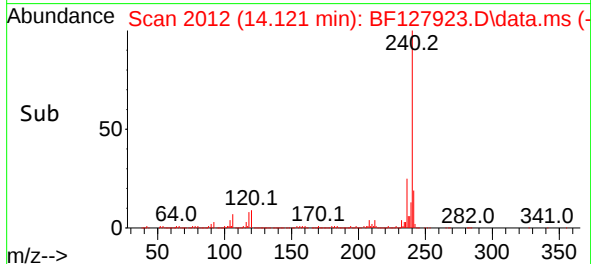
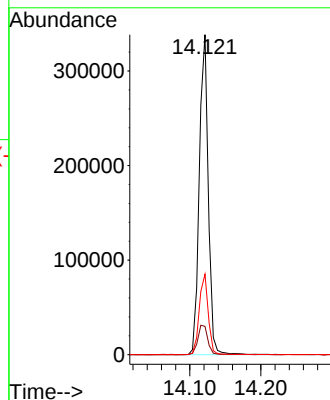
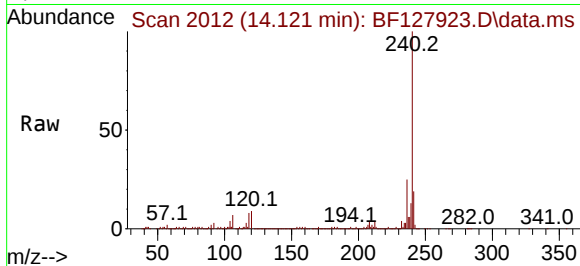




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

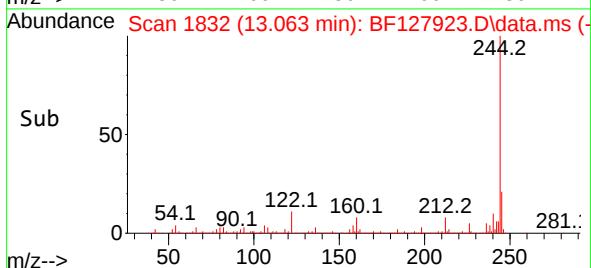
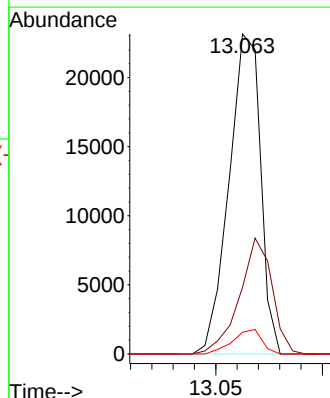
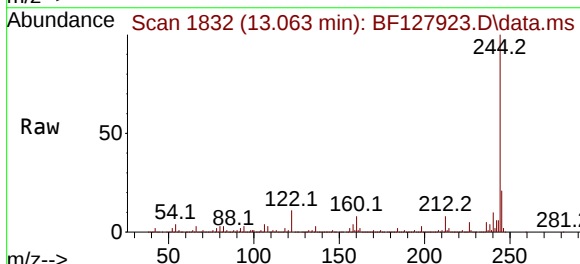
Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5MS

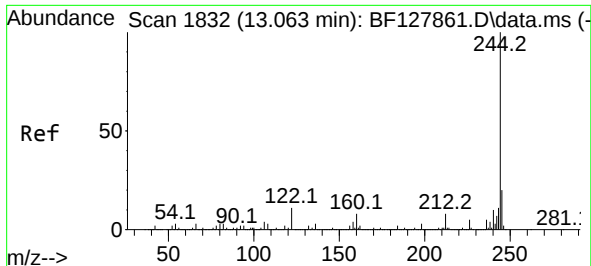
Tgt Ion:240 Resp: 298178
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 25.2 20.3 30.5



#77
Benzidine
Concen: 4.228 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF127923.D
Acq: 26 Apr 2022 20:12

Tgt Ion:184 Resp: 23854
Ion Ratio Lower Upper
184 100
185 20.9 12.1 18.1#
183 6.8 9.0 13.4#

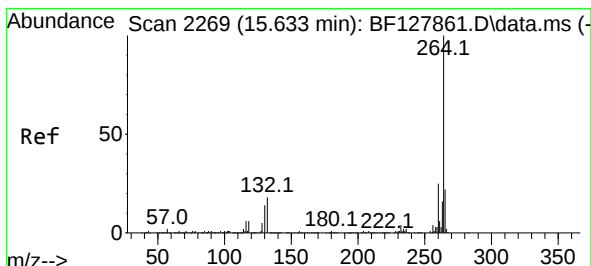
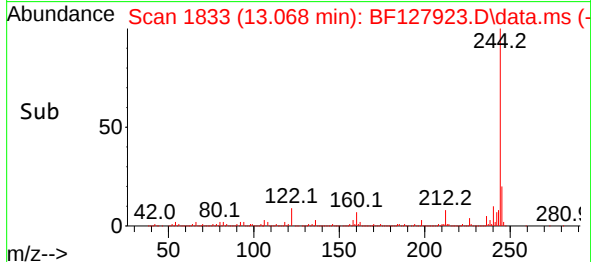
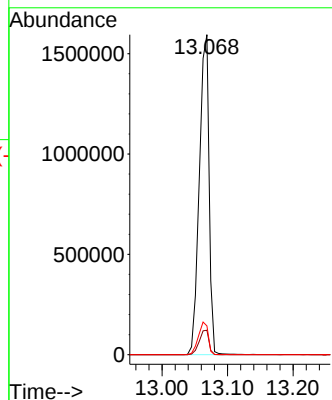
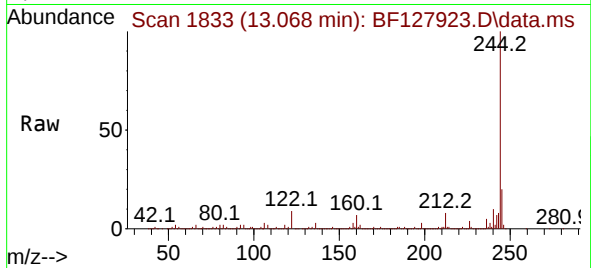




#79
 Terphenyl-d14
 Concen: 101.555 ng
 RT: 13.068 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127923.D
 Acq: 26 Apr 2022 20:12

Instrument :
 BNA_F
 ClientSampleId :
 E14ST-EB4-041922-0-5MS

Tgt Ion:244 Resp: 1656021
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2270
 Delta R.T. 0.006 min
 Lab File: BF127923.D
 Acq: 26 Apr 2022 20:12

Tgt Ion:264 Resp: 301054
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 21.3 17.5 26.3

