

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127804.D
 Acq On : 15 Apr 2022 15:33
 Operator : CG\JU
 Sample : N2432-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5115

Quant Time: Apr 18 01:24:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

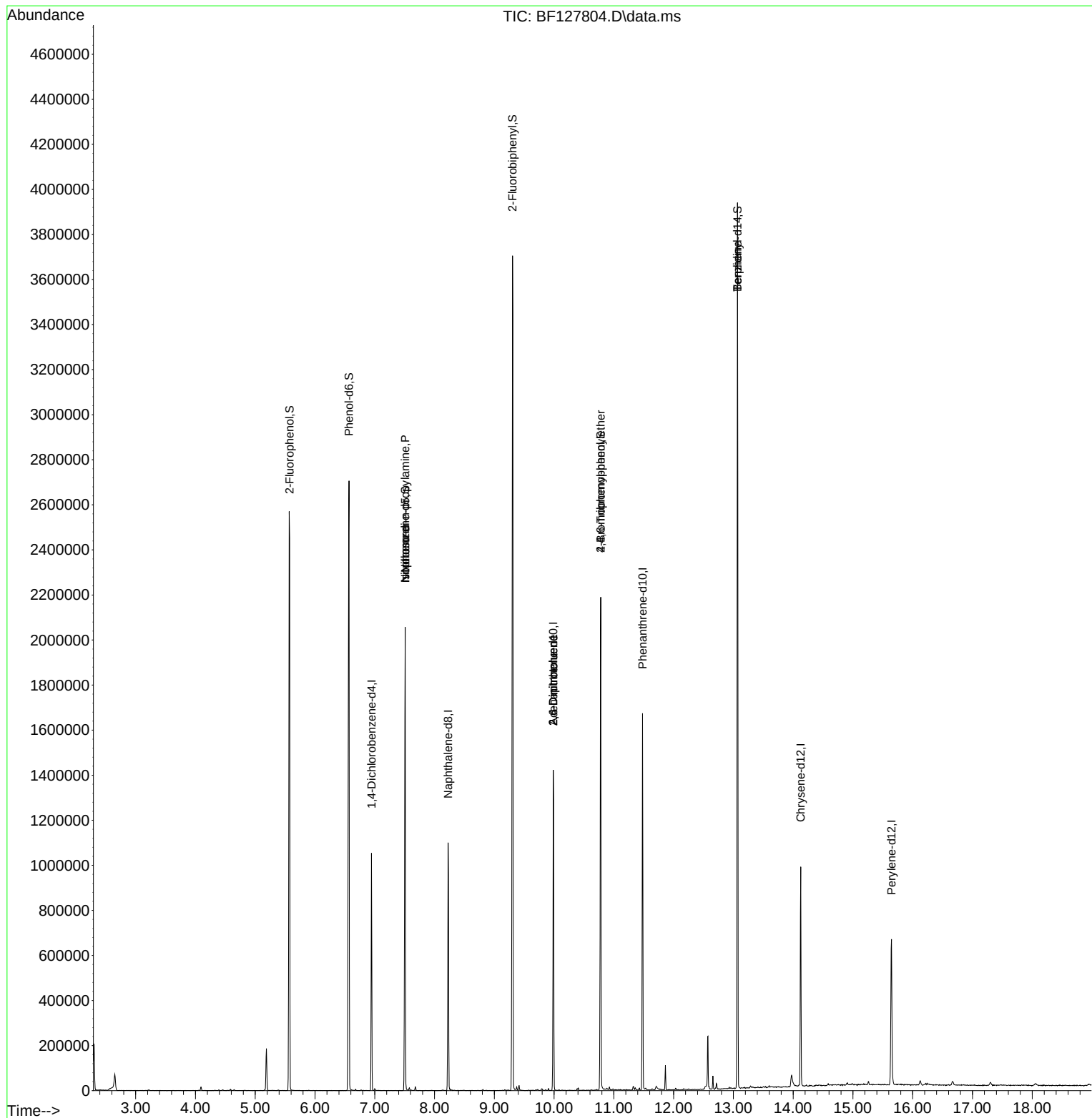
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	139732	20.000	ng	-0.02
21) Naphthalene-d8	8.228	136	516709	20.000	ng	#-0.02
39) Acenaphthene-d10	9.986	164	304136	20.000	ng	-0.02
64) Phenanthrene-d10	11.480	188	569074	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	334237	20.000	ng	-0.02
86) Perylene-d12	15.645	264	316941	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	701483	81.573	ng	0.00
7) Phenol-d6	6.569	99	959449	85.285	ng	-0.02
23) Nitrobenzene-d5	7.510	82	697220	60.156	ng	-0.02
42) 2,4,6-Tribromophenol	10.780	330	258196	79.777	ng	-0.02
45) 2-Fluorobiphenyl	9.304	172	1287043	59.866	ng	-0.02
79) Terphenyl-d14	13.068	244	1360680	67.196	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.569	77	1770	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.510	70	93379	12.834	ng	# 72
25) Isophorone	7.510	82	695297	34.380	ng	# 70
51) 2,6-Dinitrotoluene	9.986	165	38666	9.305	ng	# 17
57) 2,4-Dinitrotoluene	9.986	165	38666	7.505	ng	# 14
67) 4-Bromophenyl-phenylether	10.780	248	17459	2.528	ng	# 1
77) Benizidine	13.068	184	18840	2.160	ng	# 94

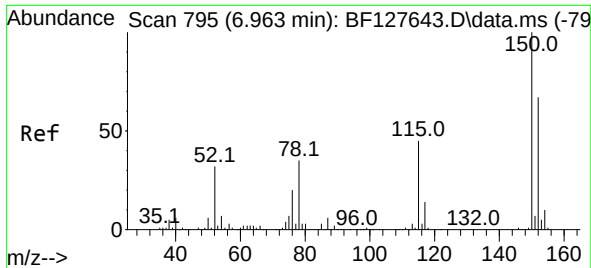
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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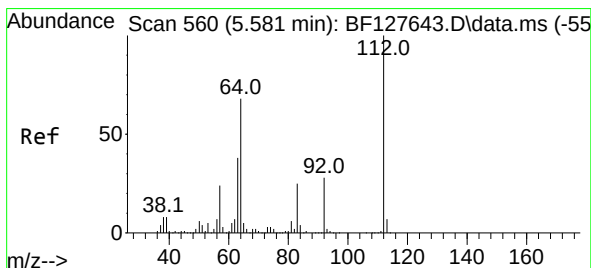
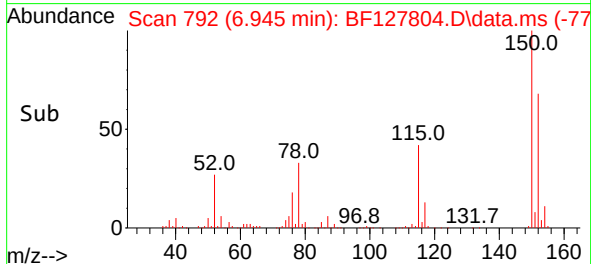
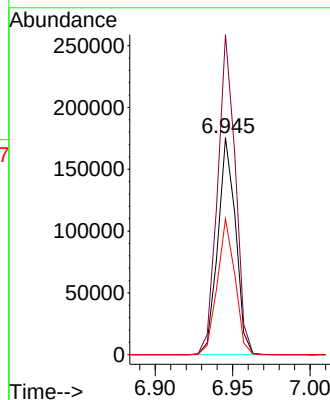
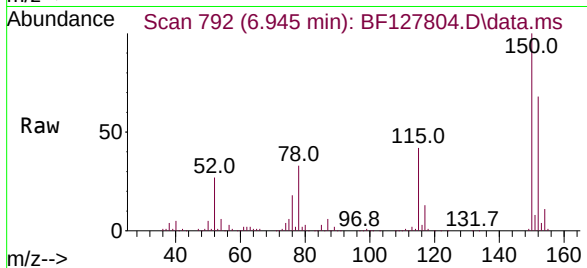




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

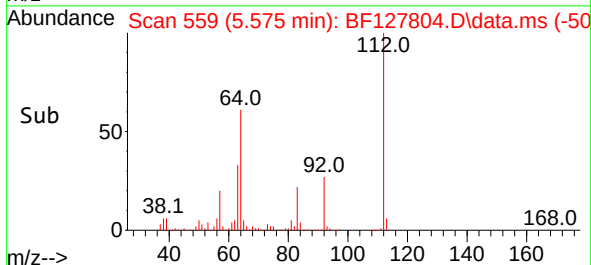
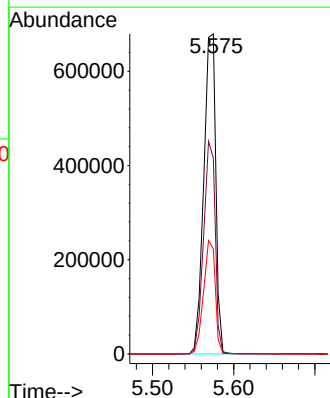
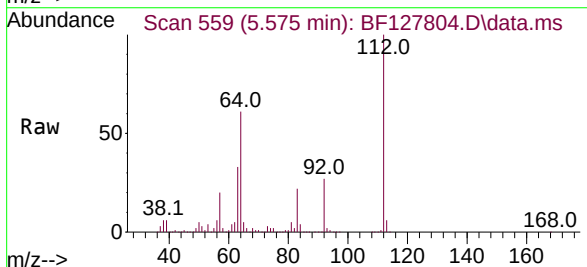
Instrument :
BNA_F
ClientSampleId :
SB-5115

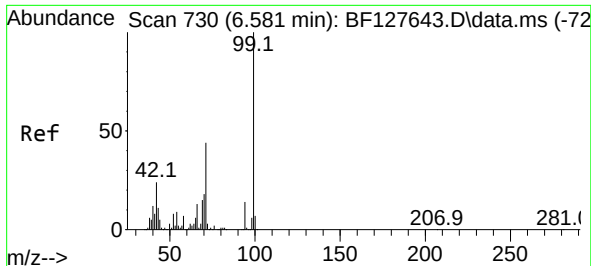
Tgt Ion:152 Resp: 139732
Ion Ratio Lower Upper
152 100
150 147.5 117.2 175.8
115 62.6 49.8 74.6



#5
2-Fluorophenol
Concen: 81.573 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

Tgt Ion:112 Resp: 701483
Ion Ratio Lower Upper
112 100
64 61.3 58.4 87.6
63 32.8 30.1 45.1

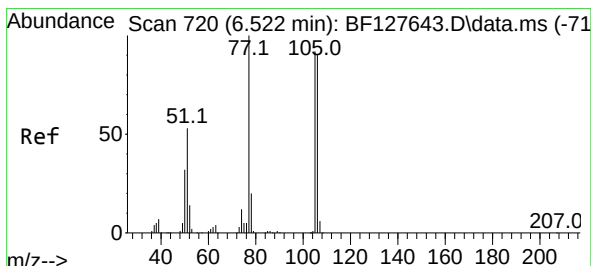
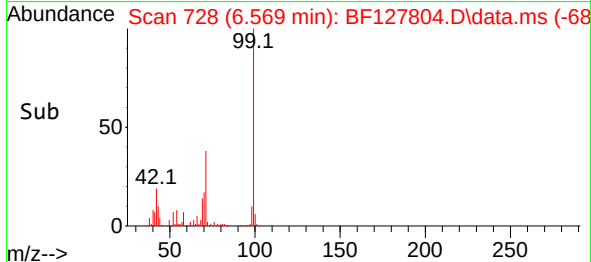
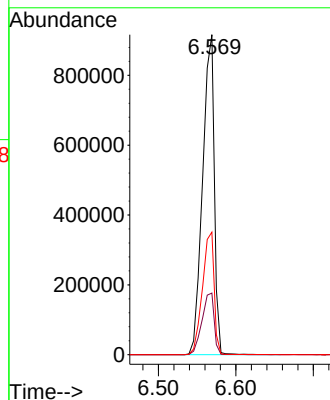
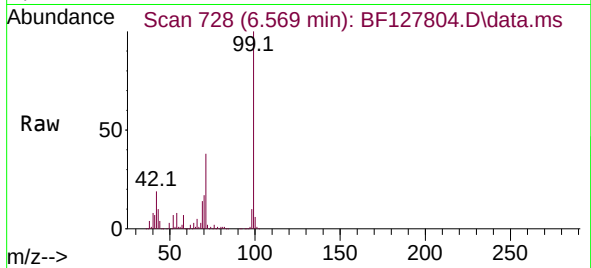




#7
Phenol-d6
Concen: 85.285 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

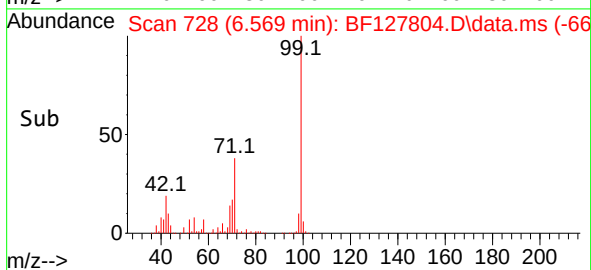
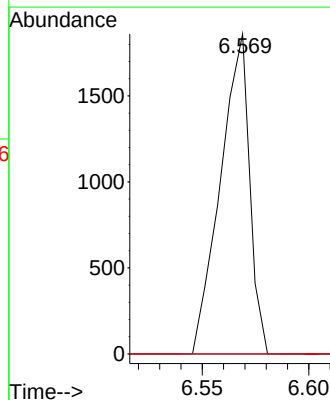
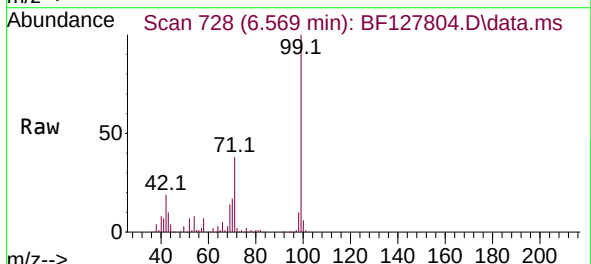
Instrument :
BNA_F
ClientSampleId :
SB-5115

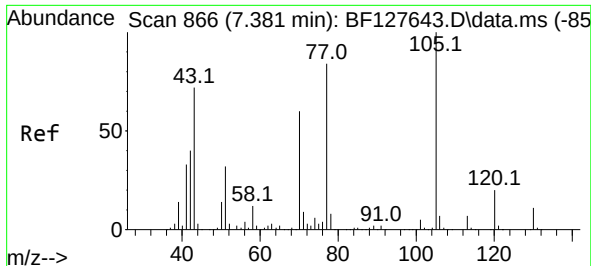
Tgt Ion: 99 Resp: 959449
Ion Ratio Lower Upper
99 100
42 19.3 17.8 26.6
71 38.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.569 min Scan# 728
Delta R.T. 0.053 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

Tgt Ion: 77 Resp: 1770
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

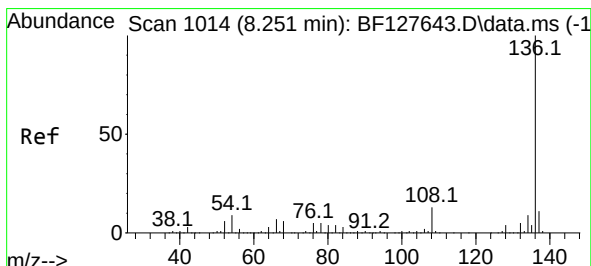
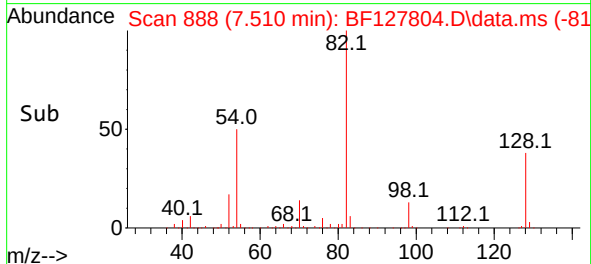
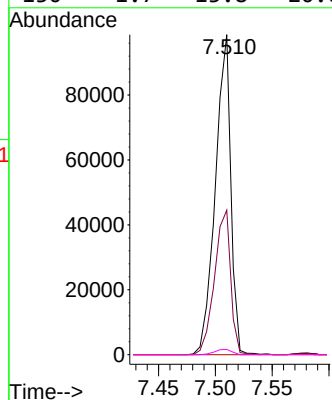
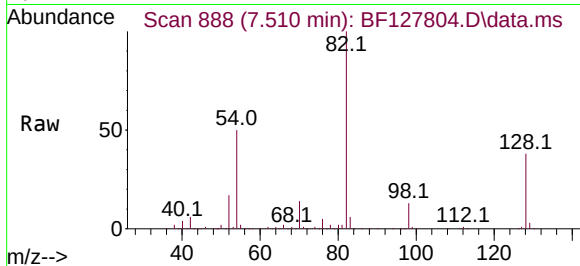




#19
n-Nitroso-di-n-propylamine
Concen: 12.834 ng
RT: 7.510 min Scan# 81
Delta R.T. 0.135 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

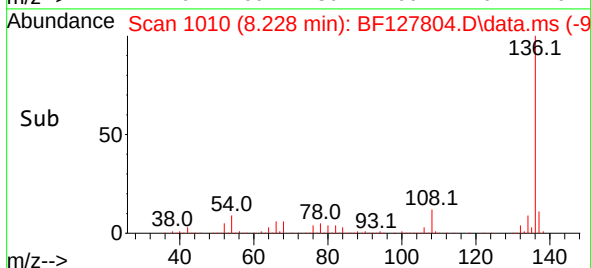
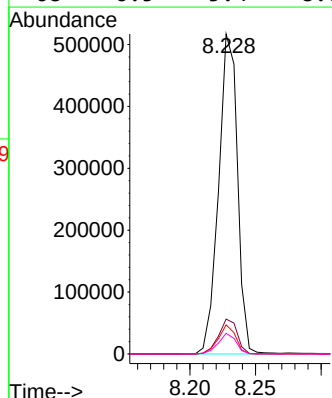
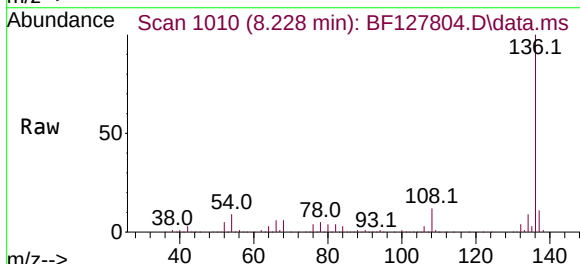
Instrument :
BNA_F
ClientSampleId :
SB-5115

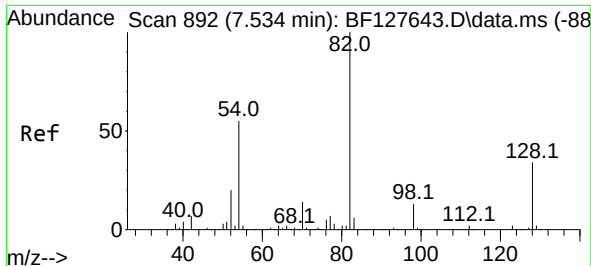
Tgt Ion: 70 Resp: 93379
Ion Ratio Lower Upper
70 100
42 45.1 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

Tgt Ion: 136 Resp: 516709
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.1 9.2 13.8#
68 6.5 5.4 8.0

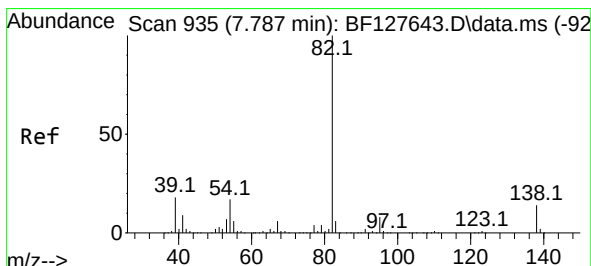
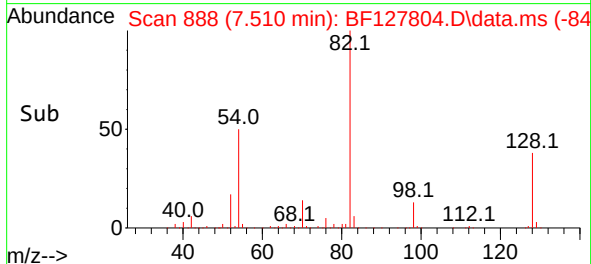
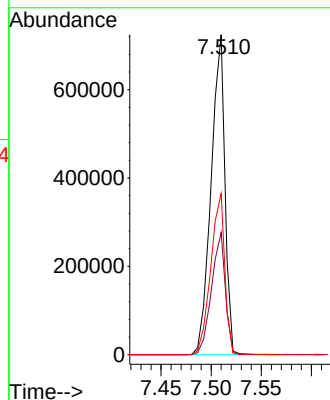
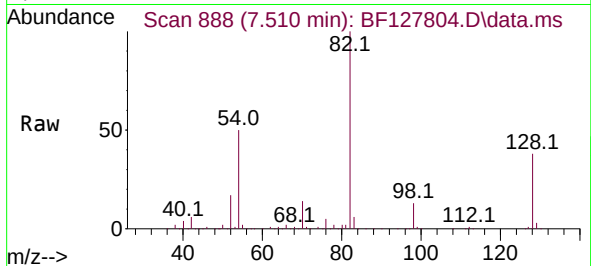




#23
Nitrobenzene-d5
Concen: 60.156 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

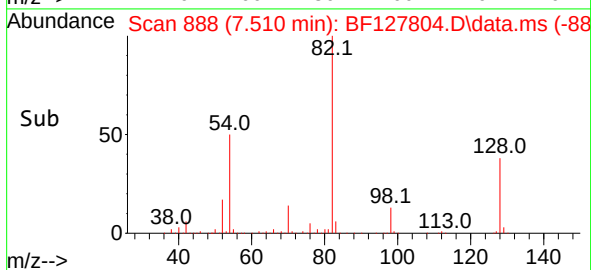
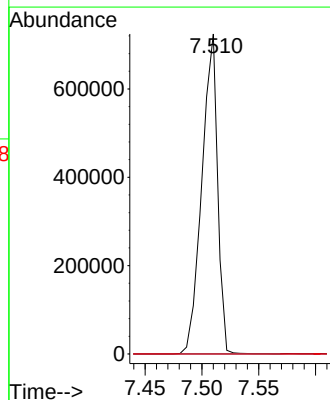
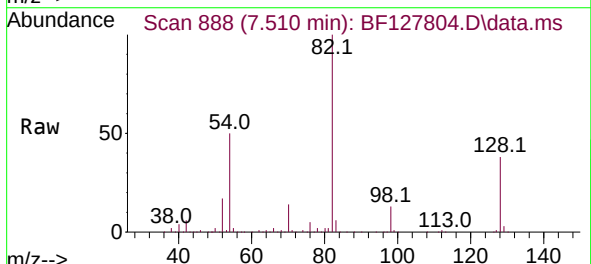
Instrument :
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ClientSampleId :
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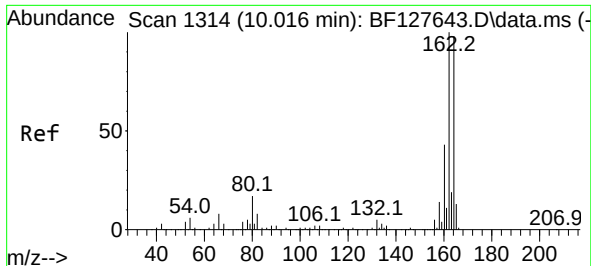
Tgt Ion: 82 Resp: 697220
Ion Ratio Lower Upper
82 100
128 38.2 30.6 45.8
54 50.4 48.2 72.2



#25
Isophorone
Concen: 34.380 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.277 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

Tgt Ion: 82 Resp: 695297
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

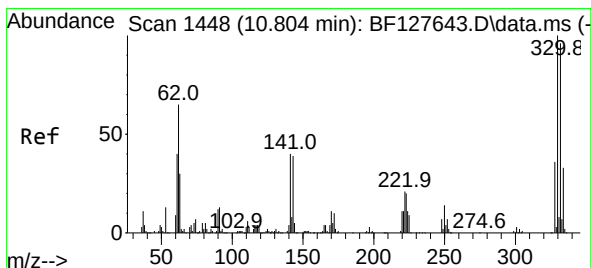
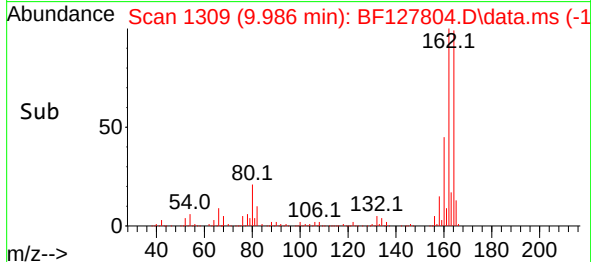
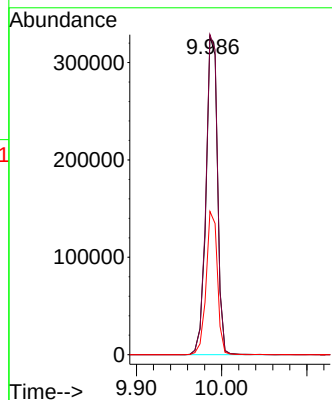
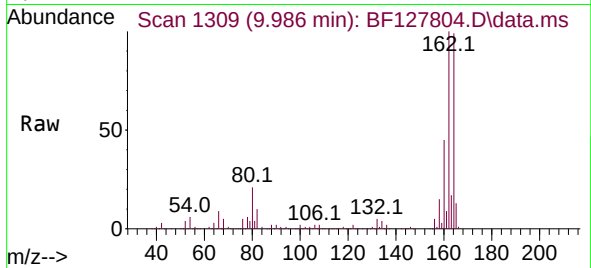




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

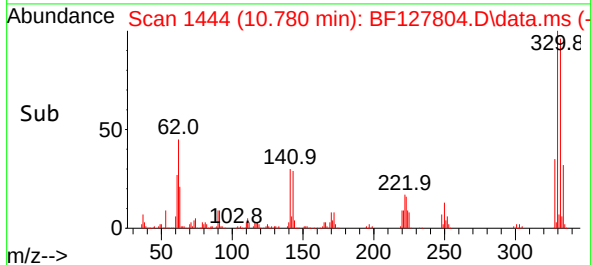
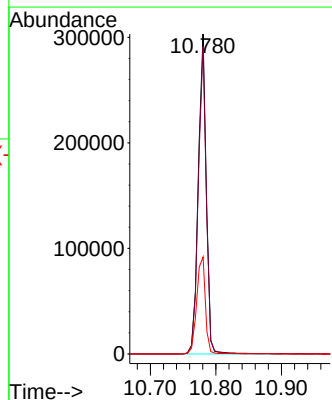
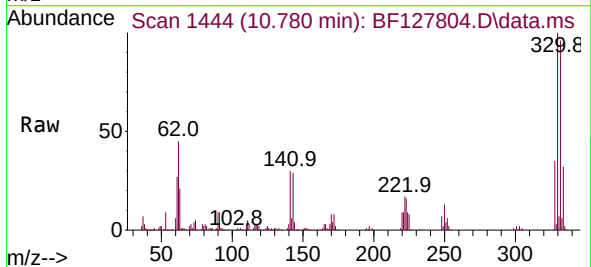
Instrument :
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ClientSampleId :
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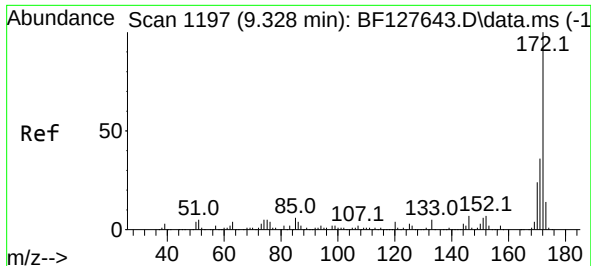
Tgt Ion:164 Resp: 304136
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 45.0 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 79.777 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

Tgt Ion:330 Resp: 258196
Ion Ratio Lower Upper
330 100
332 95.5 79.1 118.7
141 33.1 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 59.866 ng

RT: 9.304 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF127804.D

Acq: 15 Apr 2022 15:33

Instrument :

BNA_F

ClientSampleId :

SB-5115

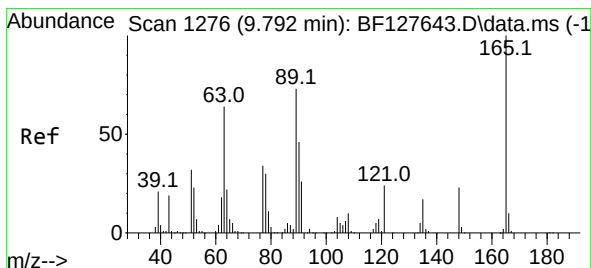
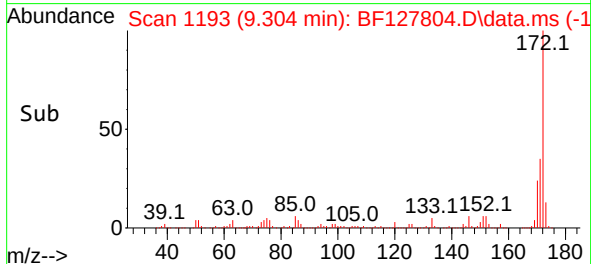
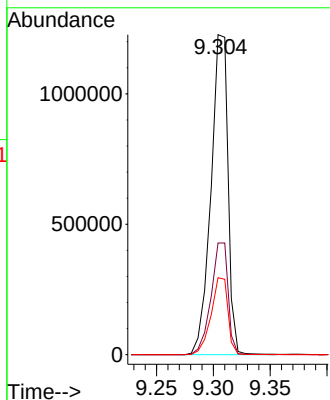
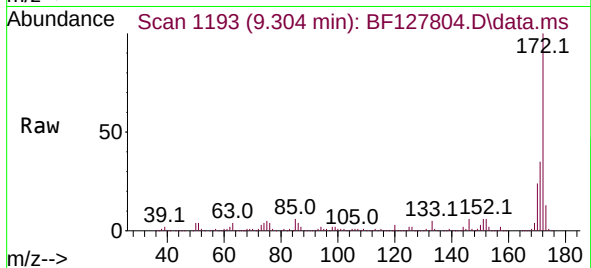
Tgt Ion:172 Resp: 1287043

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 24.1 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.305 ng

RT: 9.986 min Scan# 1309

Delta R.T. 0.200 min

Lab File: BF127804.D

Acq: 15 Apr 2022 15:33

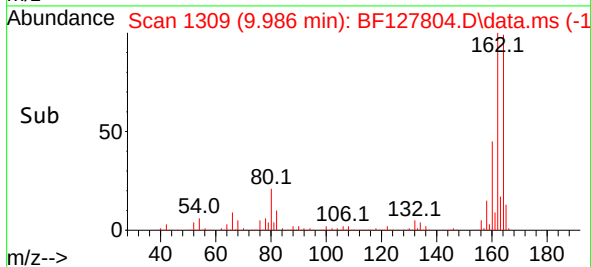
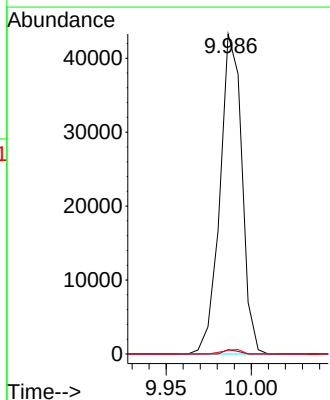
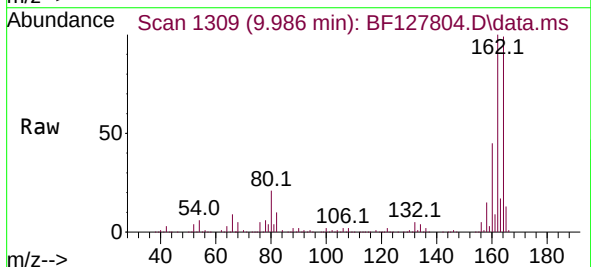
Tgt Ion:165 Resp: 38666

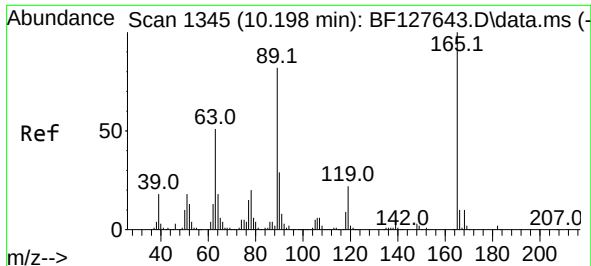
Ion Ratio Lower Upper

165 100

63 1.3 58.3 87.5#

89 1.2 51.5 77.3#

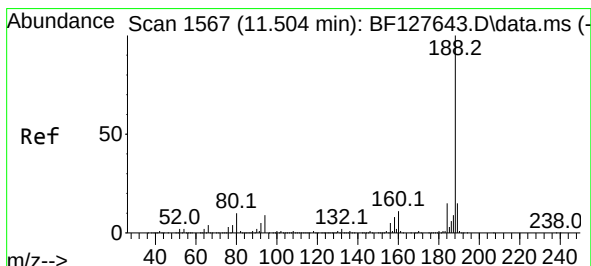
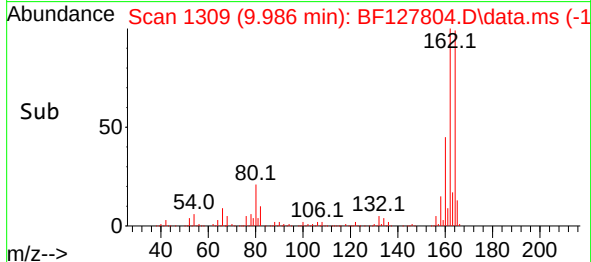
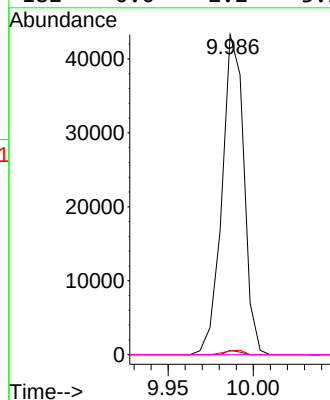
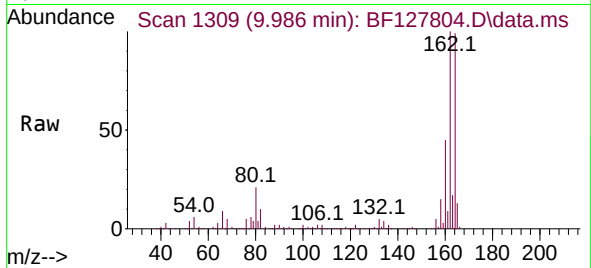




#57
2,4-Dinitrotoluene
Concen: 7.505 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

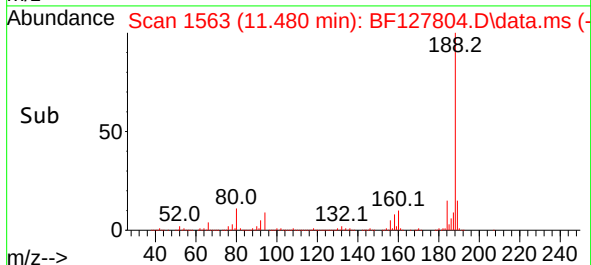
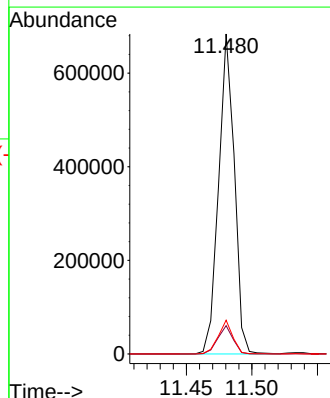
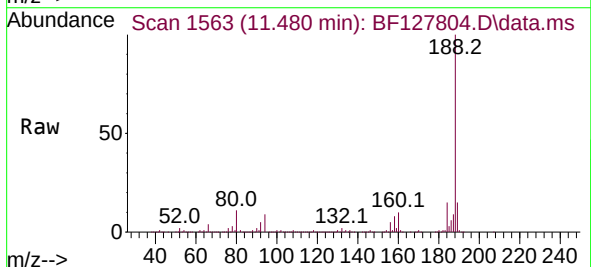
Instrument :
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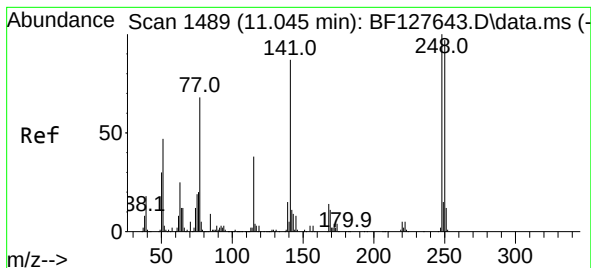
Tgt Ion:165 Resp: 38666
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

Tgt Ion:188 Resp: 569074
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 10.6 8.0 12.0

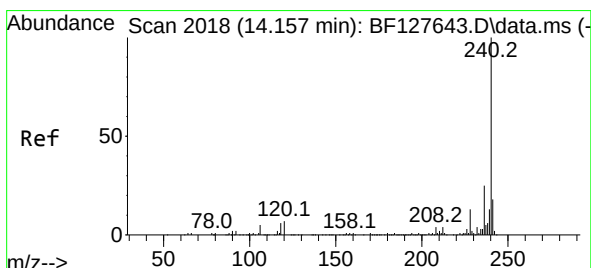
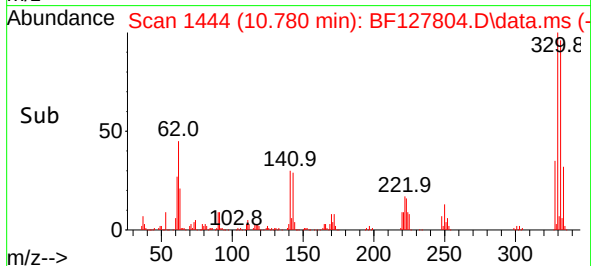
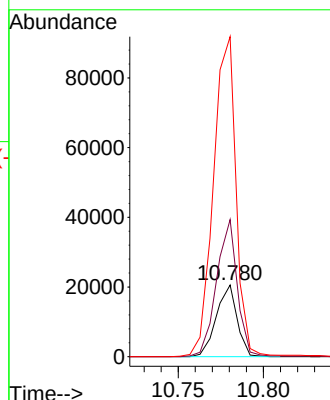
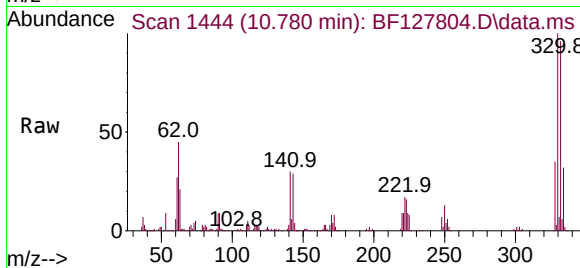




#67
4-Bromophenyl-phenylether
Concen: 2.528 ng
RT: 10.780 min Scan# 1489
Delta R.T. -0.259 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

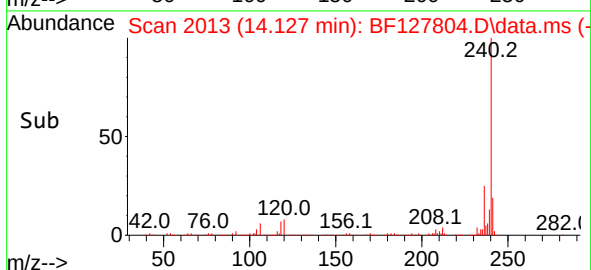
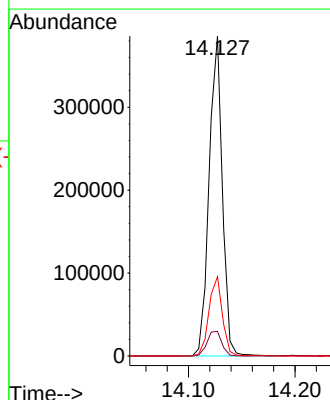
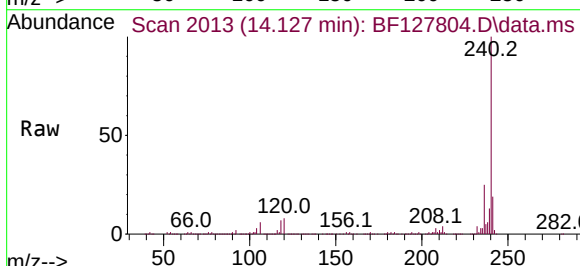
Instrument :
BNA_F
ClientSampleId :
SB-5115

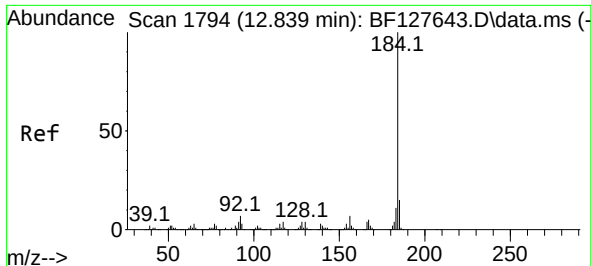
Tgt Ion:248 Resp: 17459
Ion Ratio Lower Upper
248 100
250 191.3 76.6 115.0#
141 446.3 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

Tgt Ion:240 Resp: 334237
Ion Ratio Lower Upper
240 100
120 7.7 7.1 10.7
236 24.8 20.7 31.1

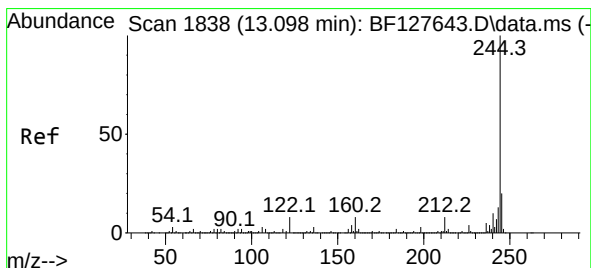
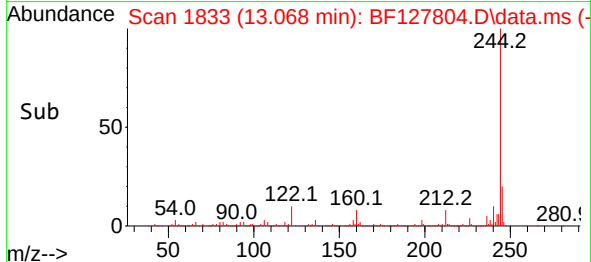
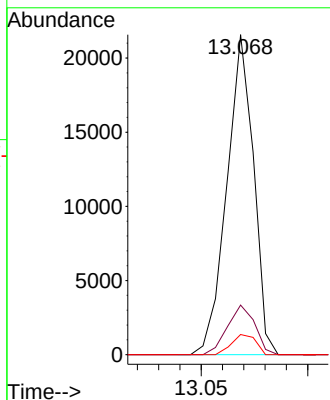
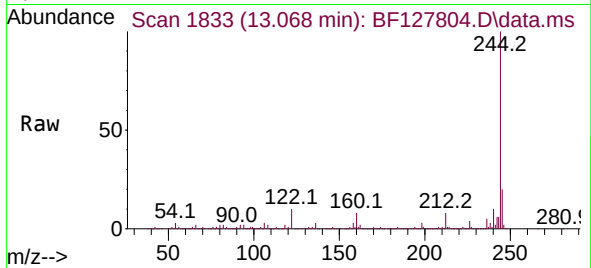




#77
Benzidine
Concen: 2.160 ng
RT: 13.068 min Scan# 1833
Delta R.T. 0.241 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

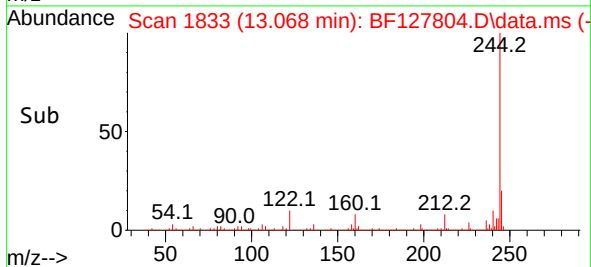
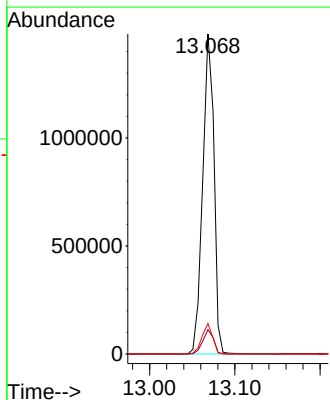
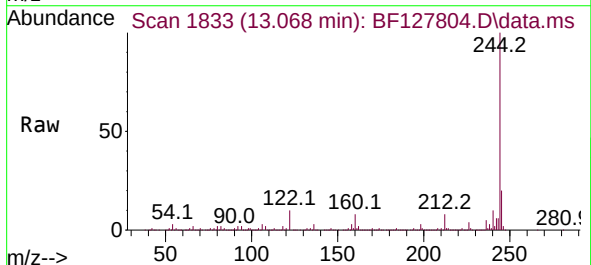
Instrument :
BNA_F
ClientSampleId :
SB-5115

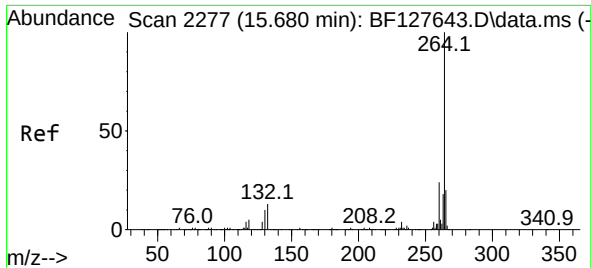
Tgt Ion:184 Resp: 18840
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 6.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 67.196 ng
RT: 13.068 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BF127804.D
Acq: 15 Apr 2022 15:33

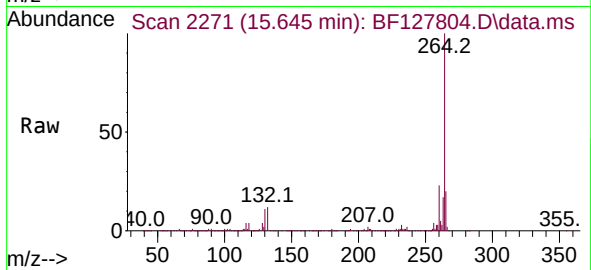
Tgt Ion:244 Resp: 1360680
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 9.5 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF127804.D
 Acq: 15 Apr 2022 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-5115



Tgt Ion:264 Resp: 316941
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 19.9 17.4 26.2

