

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127694.D
 Acq On : 07 Apr 2022 20:28
 Operator : CG\JU
 Sample : N2237-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-0401

Quant Time: Apr 08 04:46:14 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 06 13:55:27 2022
 Response via : Initial Calibration

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

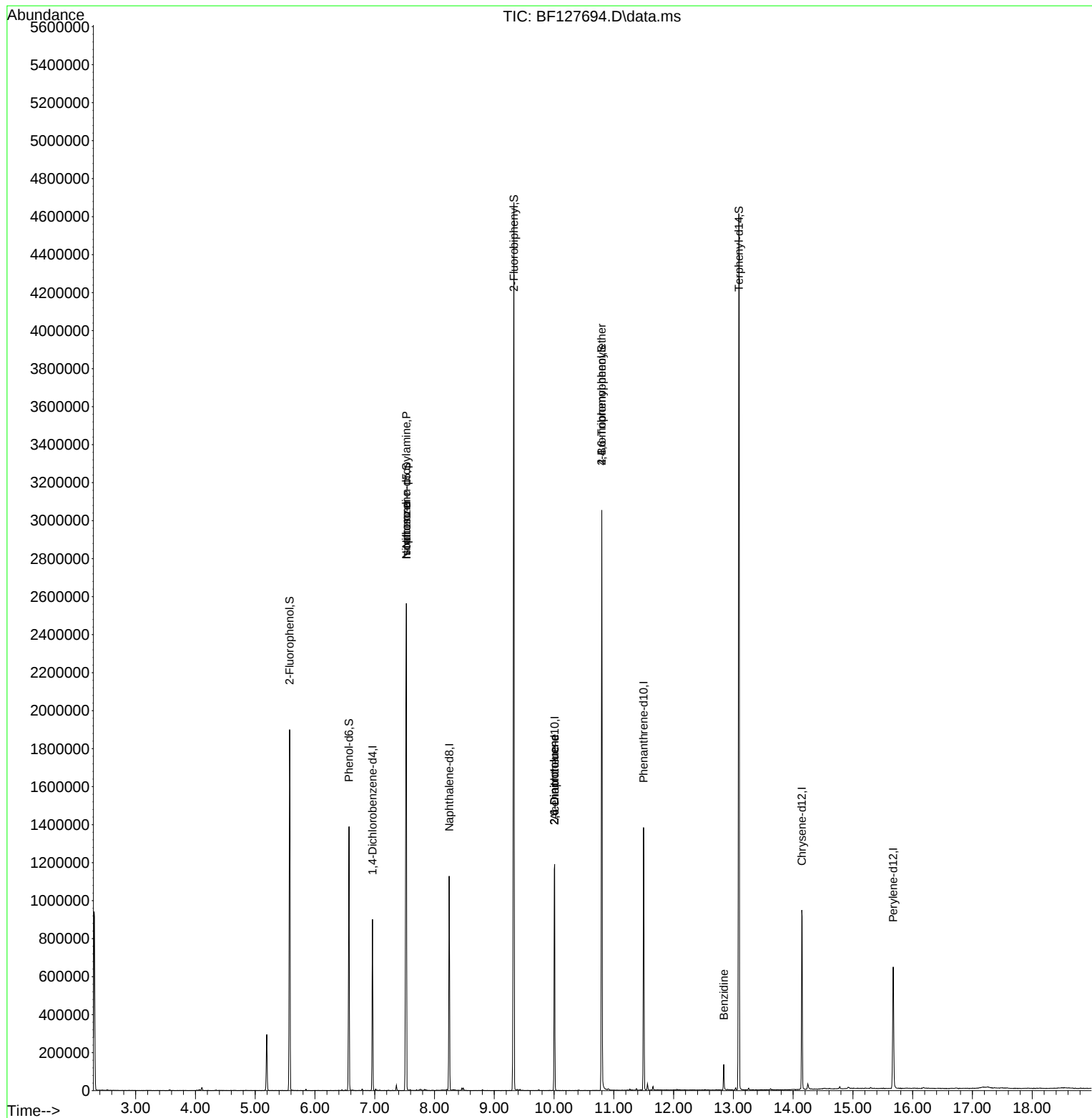
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	121041	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	434885	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	253731	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	482334	20.000	ng	0.00
76) Chrysene-d12	14.145	240	350013	20.000	ng	-0.01
86) Perylene-d12	15.674	264	308706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	479025	64.306	ng	0.00
7) Phenol-d6	6.569	99	387230	39.736	ng	-0.01
23) Nitrobenzene-d5	7.528	82	865787	88.754	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	361442	133.864	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1491809	83.175	ng	0.00
79) Terphenyl-d14	13.092	244	1801881	84.974	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	779	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.528	70	117444	18.633	ng	# 76
25) Isophorone	7.528	82	865776	50.864	ng	# 70
51) 2,6-Dinitrotoluene	10.004	165	33329	9.614	ng	# 17
57) 2,4-Dinitrotoluene	10.004	165	33329	7.754	ng	# 13
67) 4-Bromophenyl-phenylether	10.798	248	23813	4.068	ng	# 1
77) Benzidine	12.839	184	47556	5.206	ng	96

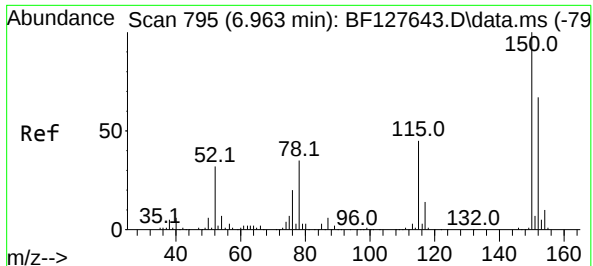
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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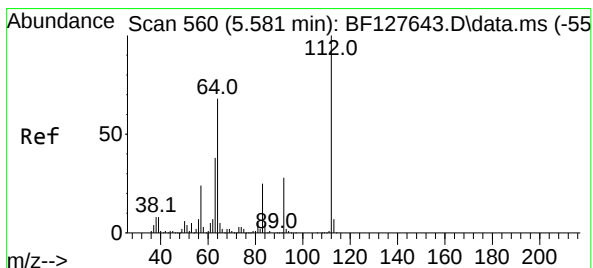
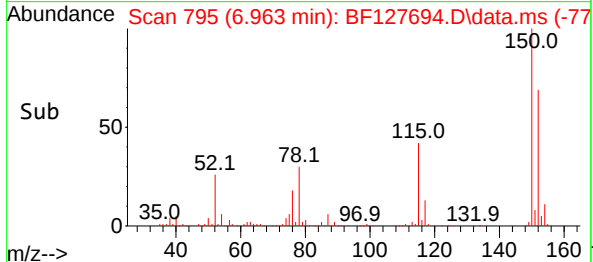
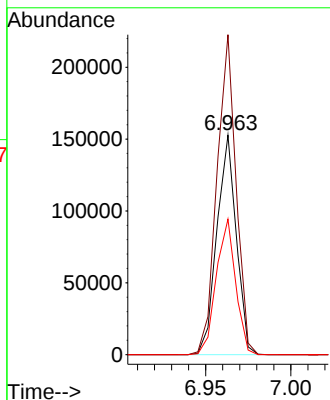
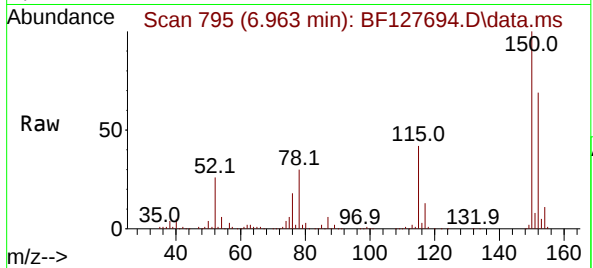




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

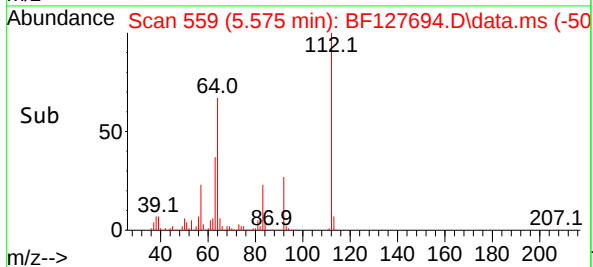
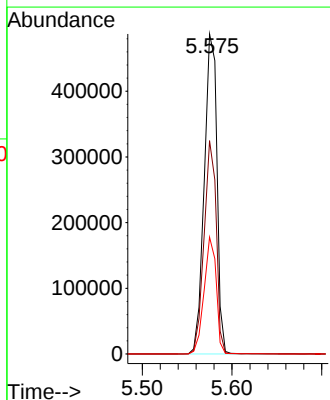
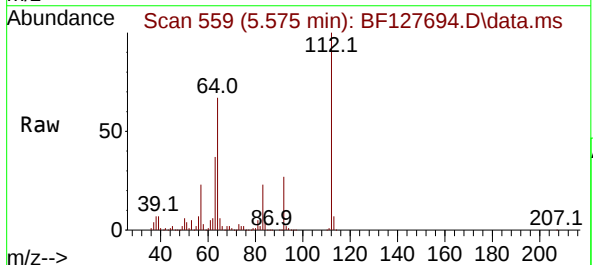
Instrument :
BNA_F
ClientSampleId :
FB-0401

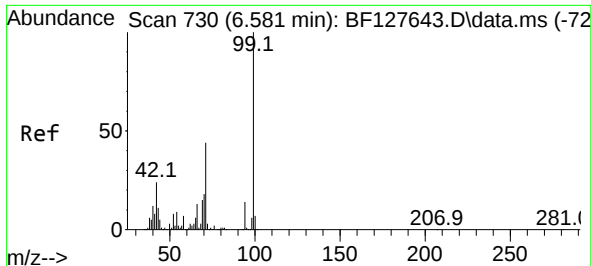
Tgt Ion:152 Resp: 121041
Ion Ratio Lower Upper
152 100
150 145.7 117.2 175.8
115 61.8 49.8 74.6



#5
2-Fluorophenol
Concen: 64.306 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

Tgt Ion:112 Resp: 479025
Ion Ratio Lower Upper
112 100
64 66.7 58.4 87.6
63 36.5 30.1 45.1

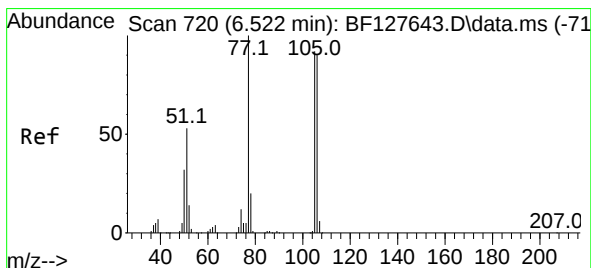
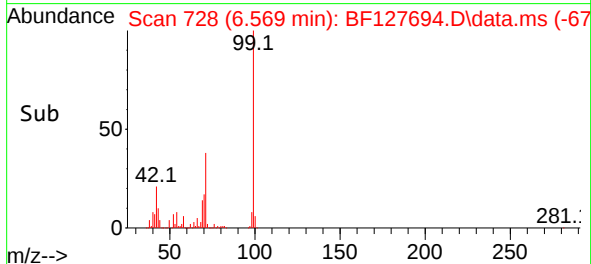
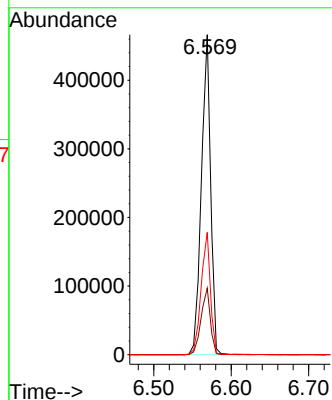
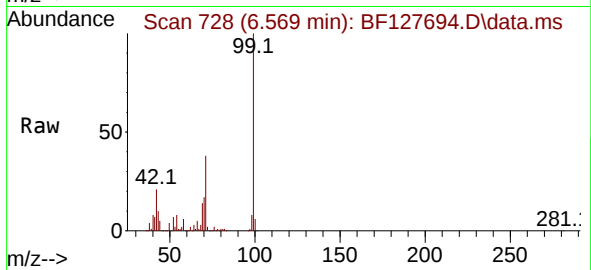




#7
Phenol-d6
Concen: 39.736 ng
RT: 6.569 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

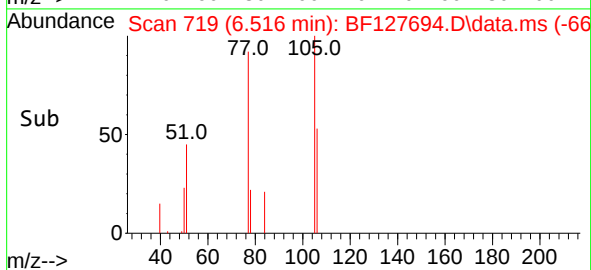
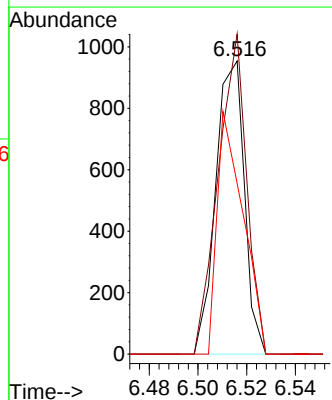
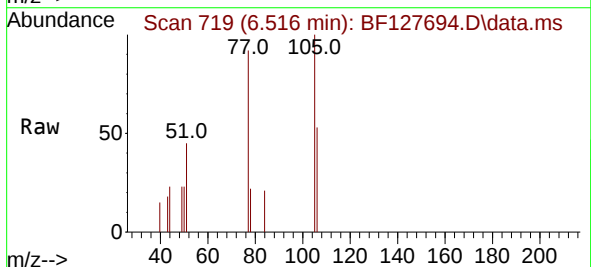
Instrument :
BNA_F
ClientSampleId :
FB-0401

Tgt Ion: 99 Resp: 387230
Ion Ratio Lower Upper
99 100
42 20.8 17.8 26.6
71 38.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

Tgt Ion: 77 Resp: 779
Ion Ratio Lower Upper
77 100
105 109.2 66.8 106.8#
106 58.2 64.3 104.3#

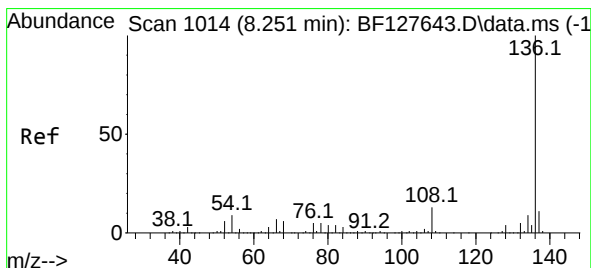
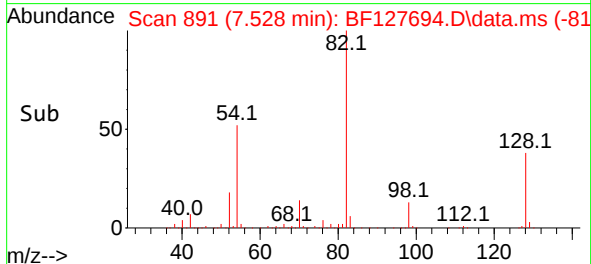
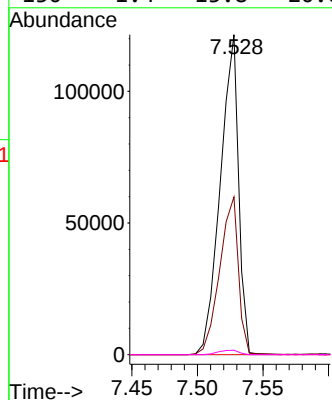
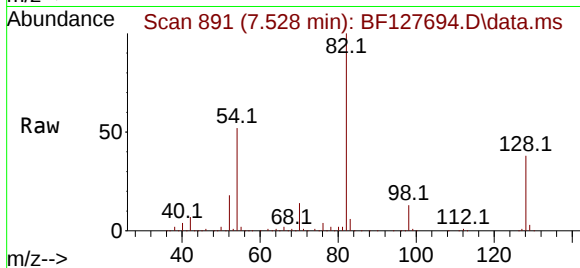




#19
n-Nitroso-di-n-propylamine
Concen: 18.633 ng
RT: 7.528 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

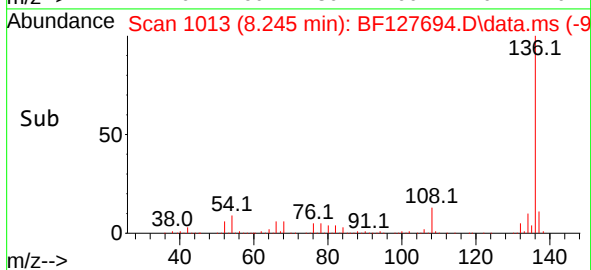
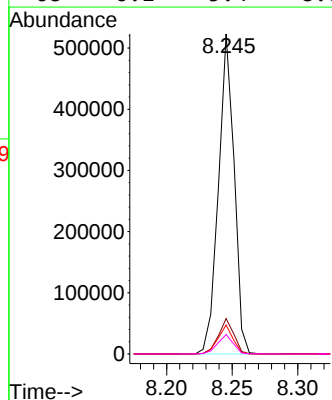
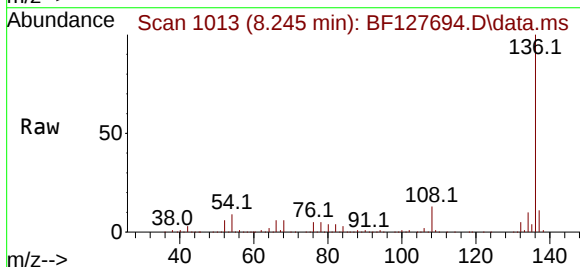
Instrument :
BNA_F
ClientSampleId :
FB-0401

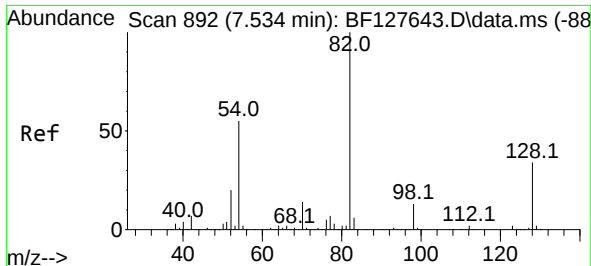
Tgt Ion: 70 Resp: 117444
Ion Ratio Lower Upper
70 100
42 49.3 53.0 79.6#
101 0.0 6.8 10.2#
130 1.4 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

Tgt Ion: 136 Resp: 434885
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.1 9.2 13.8#
68 6.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 88.754 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127694.D

Acq: 07 Apr 2022 20:28

Instrument :

BNA_F

ClientSampleId :

FB-0401

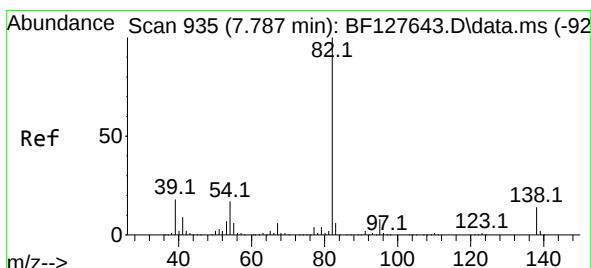
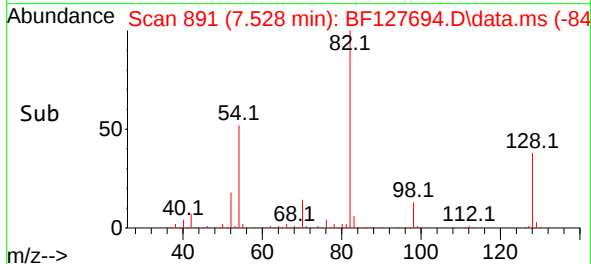
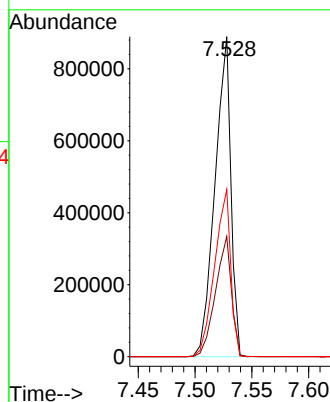
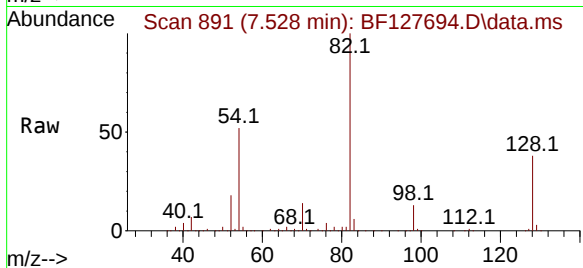
Tgt Ion: 82 Resp: 865787

Ion Ratio Lower Upper

82 100

128 37.5 30.6 45.8

54 52.3 48.2 72.2



#25

Isophorone

Concen: 50.864 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127694.D

Acq: 07 Apr 2022 20:28

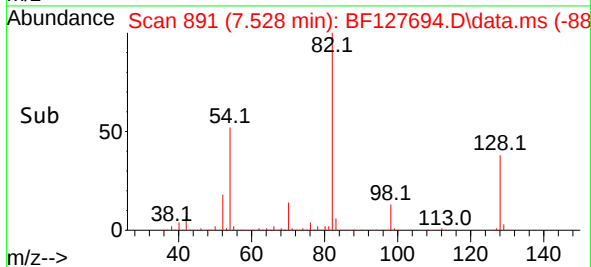
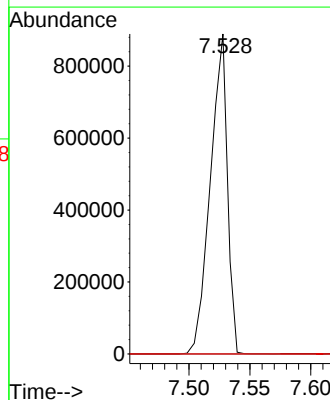
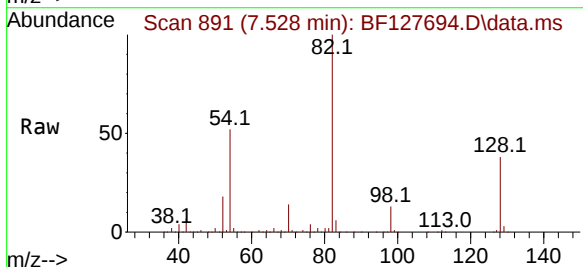
Tgt Ion: 82 Resp: 865776

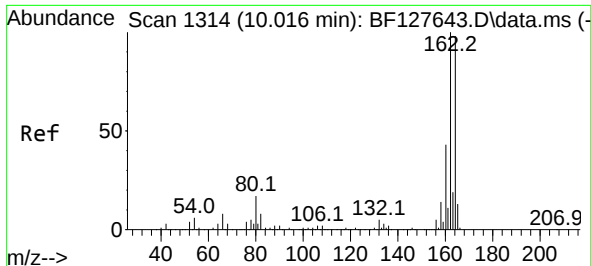
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

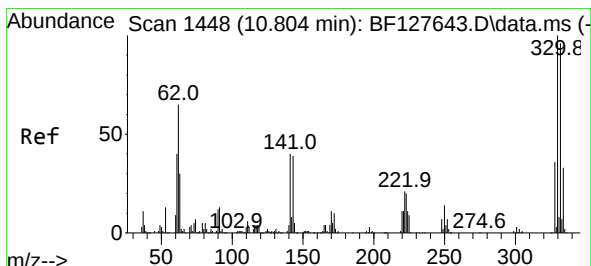
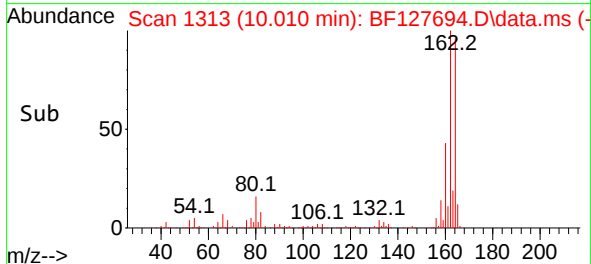
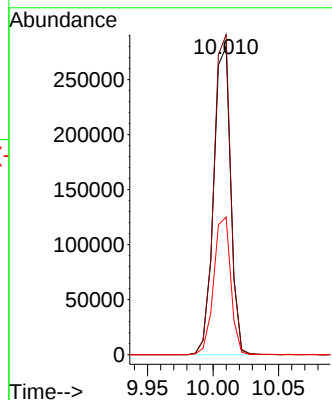
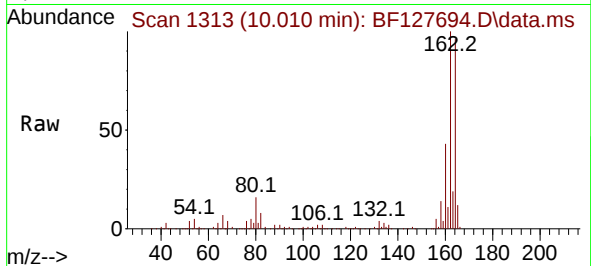




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127694.D
 Acq: 07 Apr 2022 20:28

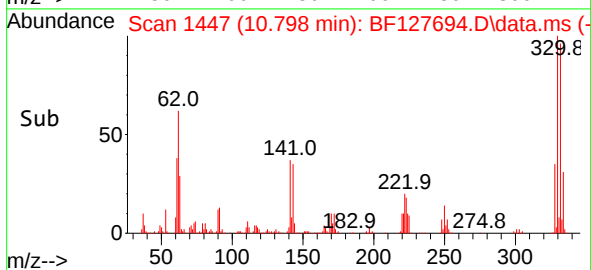
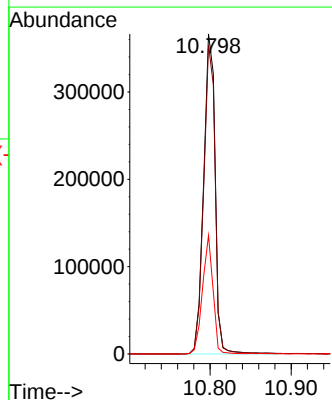
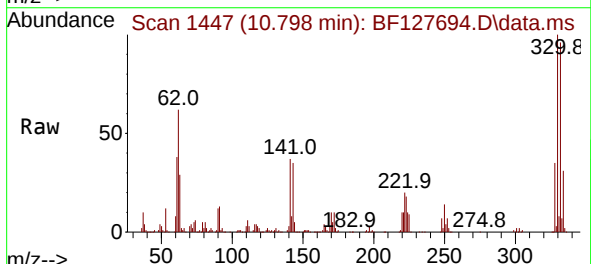
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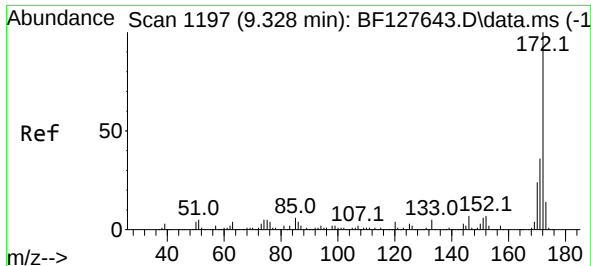
Tgt Ion:164 Resp: 253731
 Ion Ratio Lower Upper
 164 100
 162 103.9 81.2 121.8
 160 44.7 34.6 52.0



#42
 2,4,6-Tribromophenol
 Concen: 133.864 ng
 RT: 10.798 min Scan# 1447
 Delta R.T. -0.006 min
 Lab File: BF127694.D
 Acq: 07 Apr 2022 20:28

Tgt Ion:330 Resp: 361442
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.1 118.7
 141 33.9 26.2 39.4

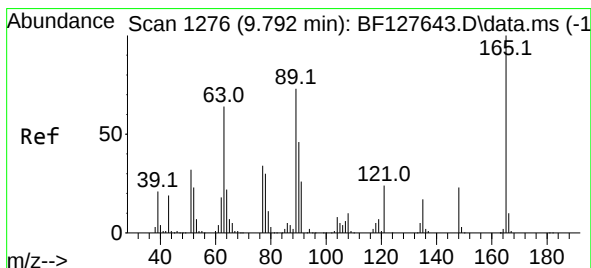
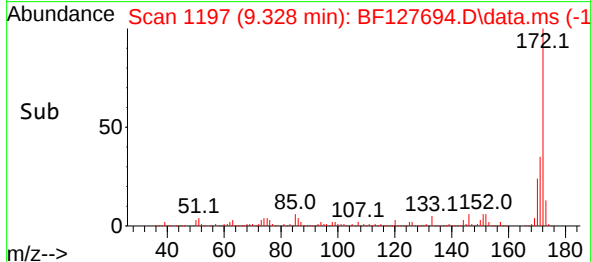
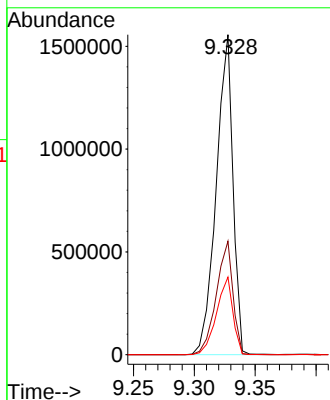
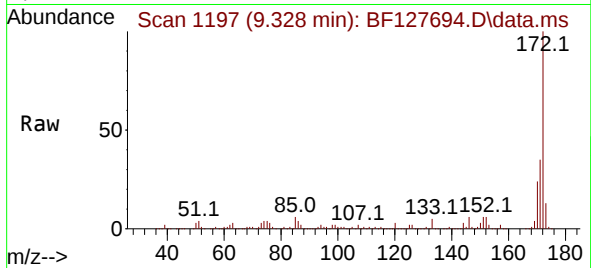




#45
2-Fluorobiphenyl
Concen: 83.175 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

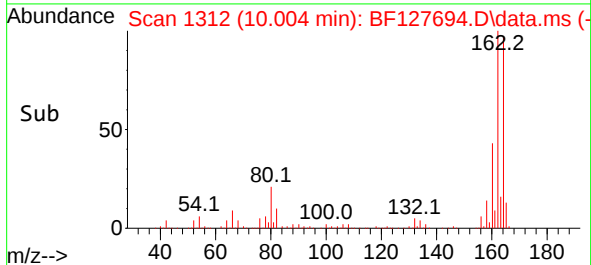
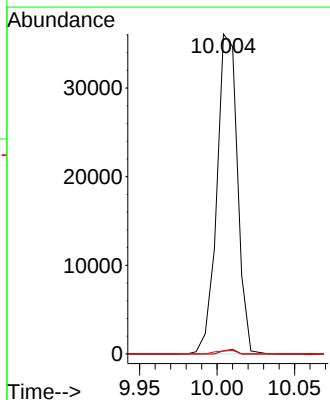
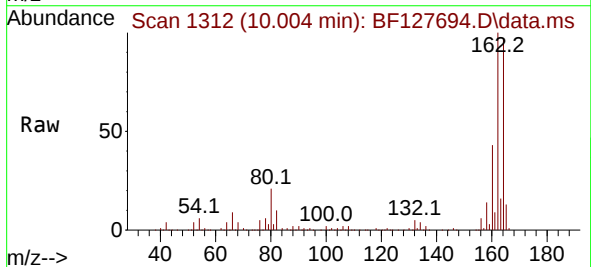
Instrument :
BNA_F
ClientSampleId :
FB-0401

Tgt Ion:172 Resp: 1491809
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.614 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

Tgt Ion:165 Resp: 33329
Ion Ratio Lower Upper
165 100
63 1.0 58.3 87.5#
89 0.9 51.5 77.3#

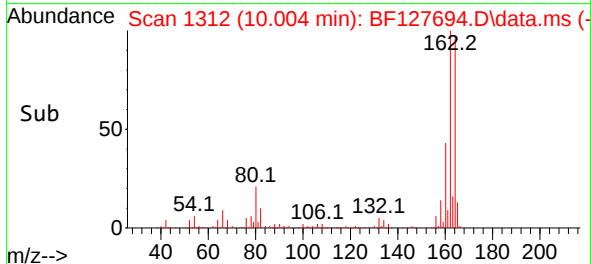
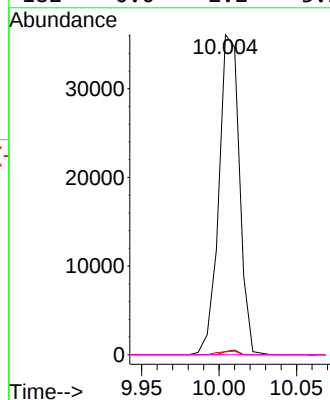
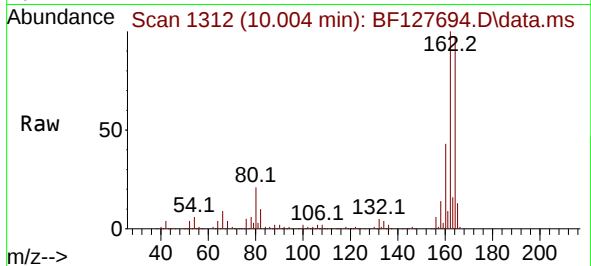




#57
2,4-Dinitrotoluene
Concen: 7.754 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

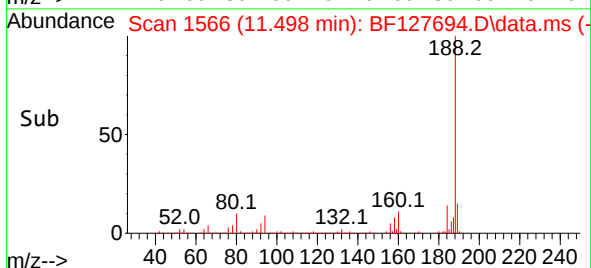
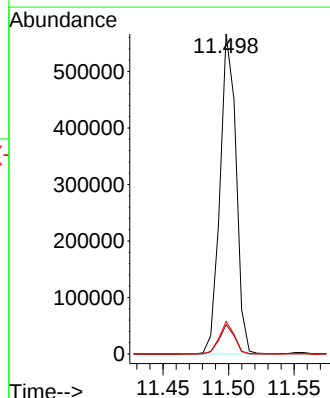
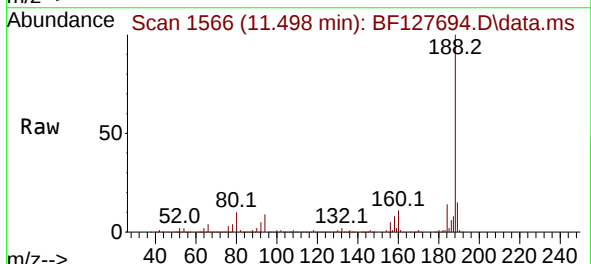
Instrument :
BNA_F
ClientSampleId :
FB-0401

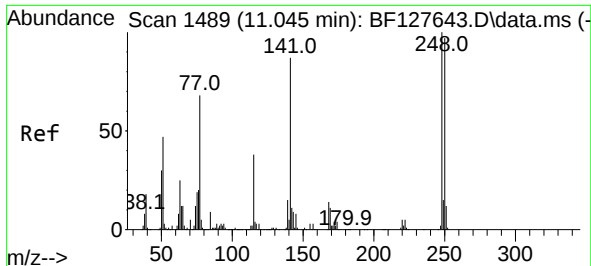
Tgt Ion:165 Resp: 33329
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 0.9 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

Tgt Ion:188 Resp: 482334
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.2 8.0 12.0

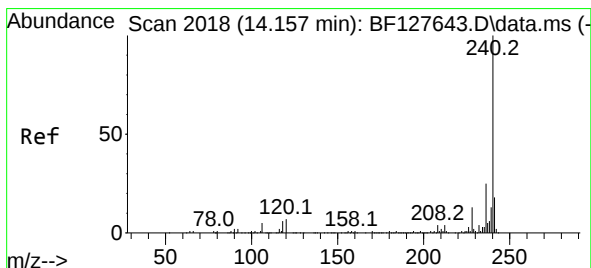
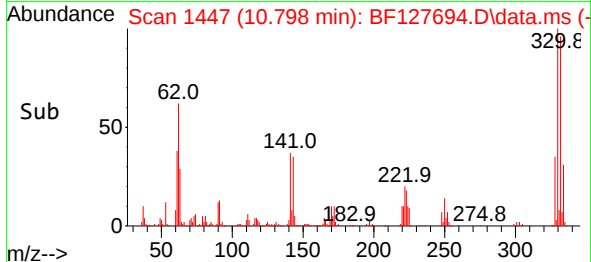
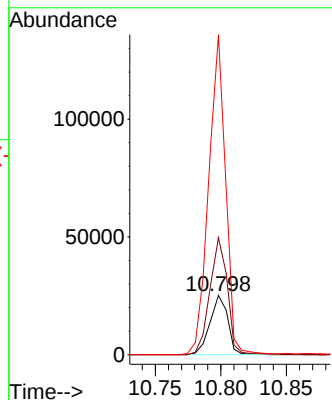
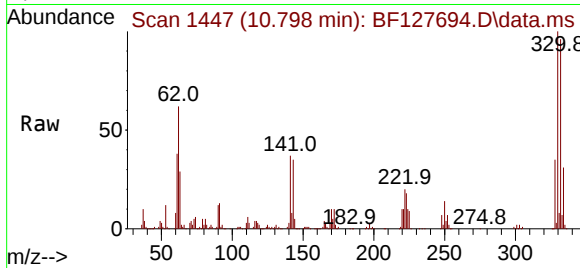




#67
4-Bromophenyl-phenylether
Concen: 4.068 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

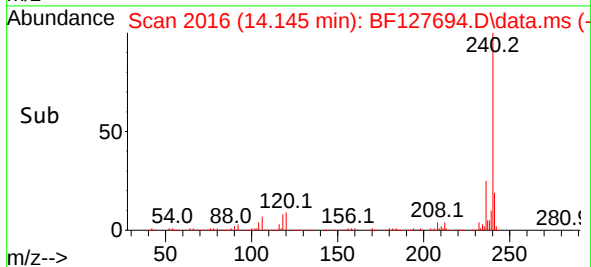
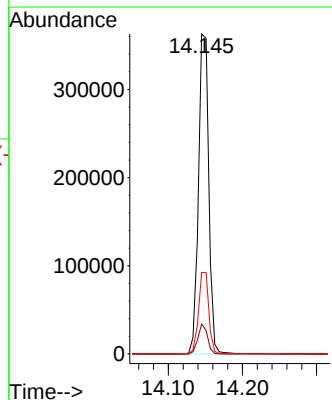
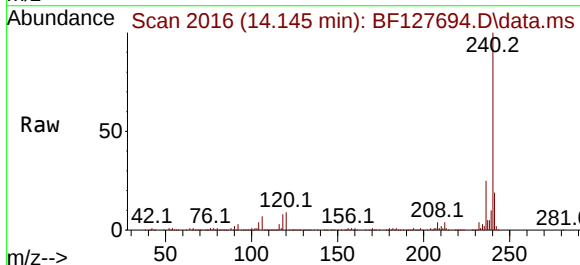
Instrument :
BNA_F
ClientSampleId :
FB-0401

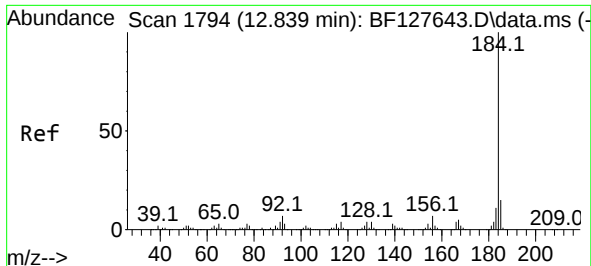
Tgt Ion:248 Resp: 23813
Ion Ratio Lower Upper
248 100
250 197.5 76.6 115.0#
141 540.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

Tgt Ion:240 Resp: 350013
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 25.5 20.7 31.1

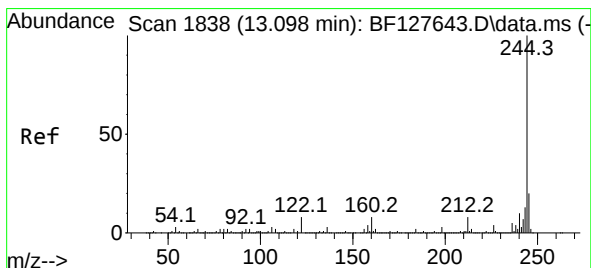
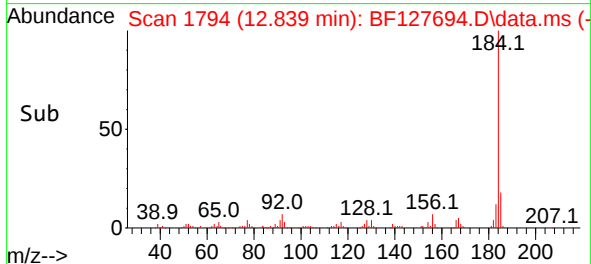
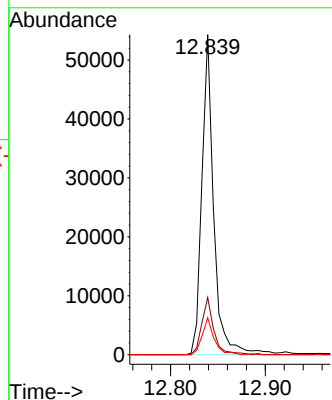
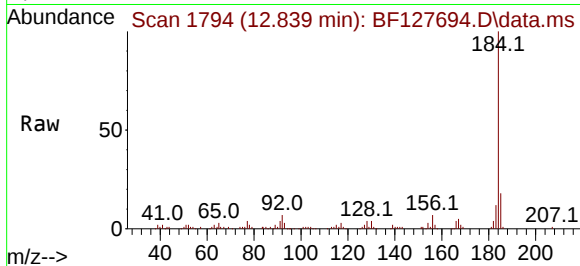




#77
Benzidine
Concen: 5.206 ng
RT: 12.839 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

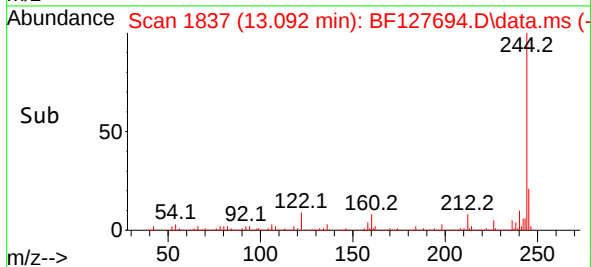
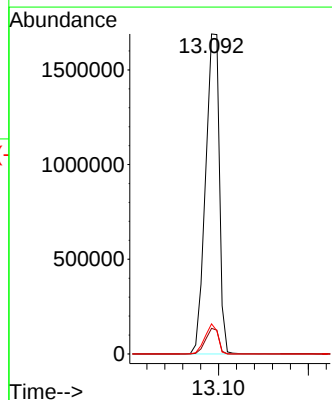
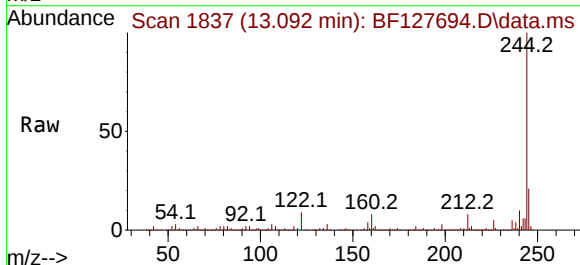
Instrument :
BNA_F
ClientSampleId :
FB-0401

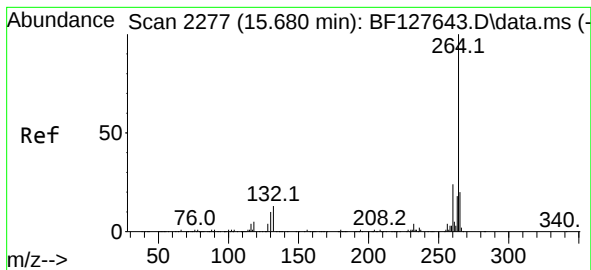
Tgt Ion:184 Resp: 47556
Ion Ratio Lower Upper
184 100
185 17.8 12.2 18.2
183 11.6 9.4 14.0



#79
Terphenyl-d14
Concen: 84.974 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

Tgt Ion:244 Resp: 1801881
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 9.4 6.2 9.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127694.D

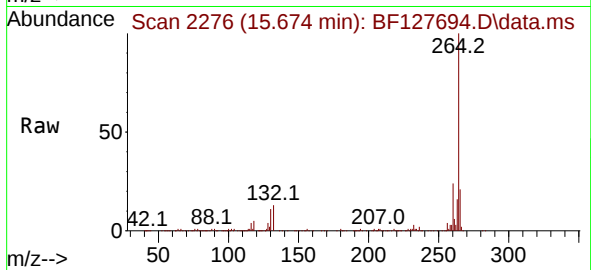
Acq: 07 Apr 2022 20:28

Instrument :

BNA_F

ClientSampleId :

FB-0401



Tgt Ion:264 Resp: 308706

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 21.1 17.4 26.2

