

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127801.D
 Acq On : 15 Apr 2022 14:08
 Operator : CG\JU
 Sample : N2432-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP220414

Quant Time: Apr 18 01:23:42 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)

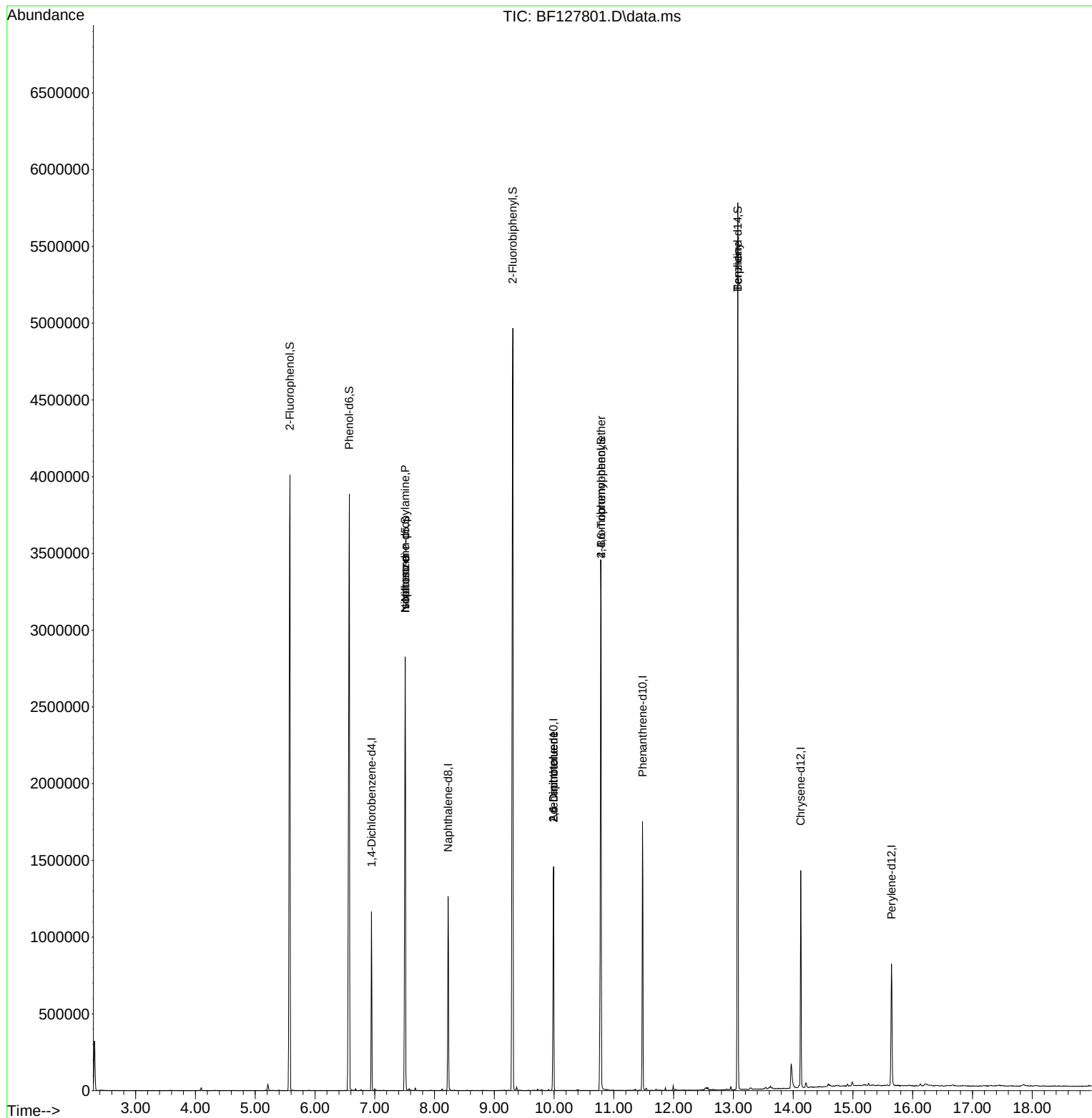
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	156813	20.000	ng	-0.02
21) Naphthalene-d8	8.228	136	576341	20.000	ng	#-0.02
39) Acenaphthene-d10	9.992	164	342047	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	642790	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	490295	20.000	ng	-0.02
86) Perylene-d12	15.645	264	377046	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1165308	120.750	ng	0.00
7) Phenol-d6	6.575	99	1499815	118.797	ng	-0.01
23) Nitrobenzene-d5	7.510	82	1080616	83.588	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	490826	134.846	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1869328	77.313	ng	-0.01
79) Terphenyl-d14	13.074	244	2188451	73.675	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	2537	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.510	70	146448	17.935	ng	# 75
25) Isophorone	7.510	82	1077187	47.751	ng	# 70
51) 2,6-Dinitrotoluene	9.992	165	44489	9.520	ng	# 17
57) 2,4-Dinitrotoluene	9.992	165	44489	7.678	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	32693	4.191	ng	# 1
77) Benizidine	13.074	184	31220	2.440	ng	# 94

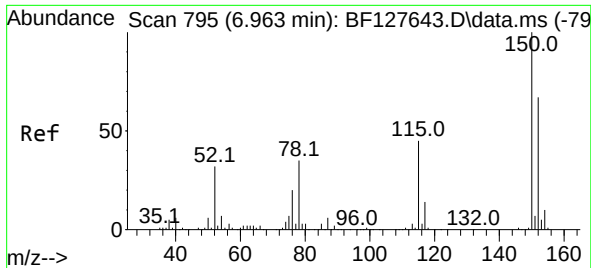
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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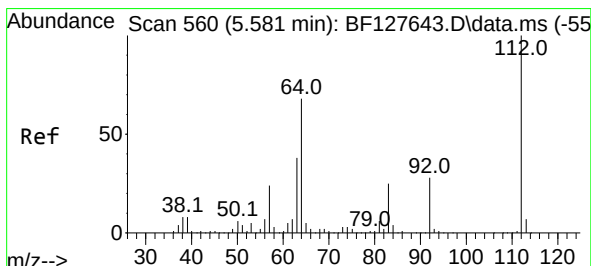
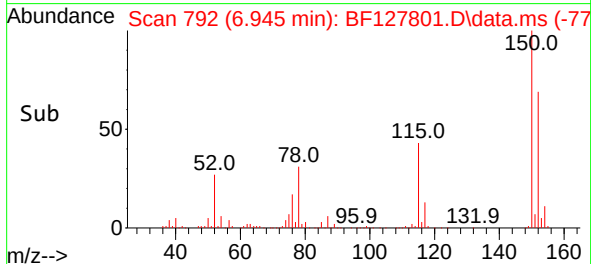
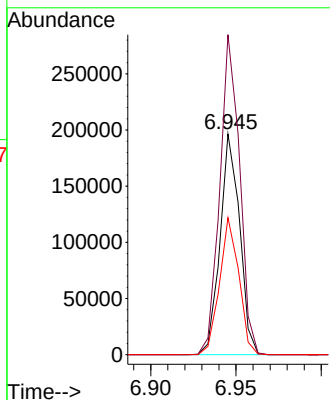
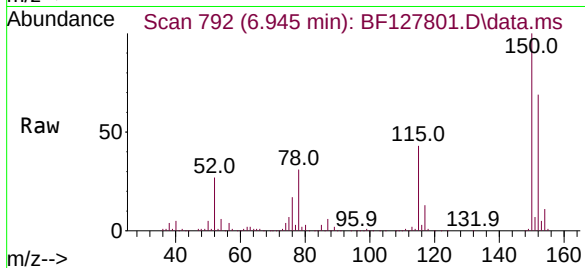




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127801.D
Acq: 15 Apr 2022 14:08

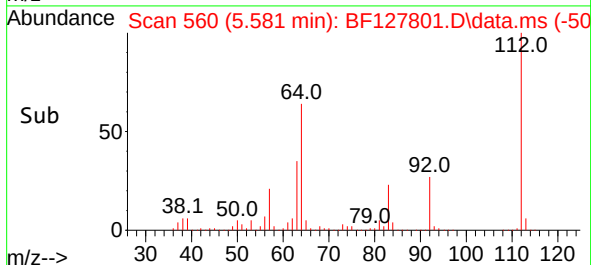
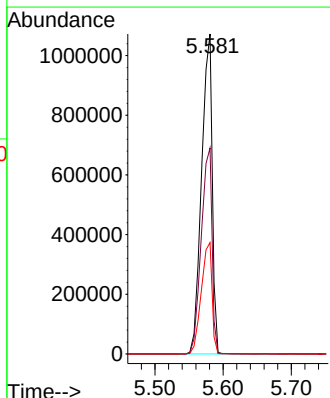
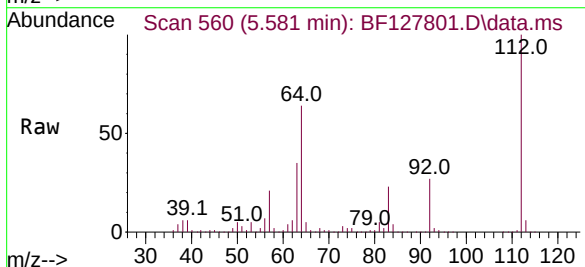
Instrument :
BNA_F
ClientSampleId :
DUP220414

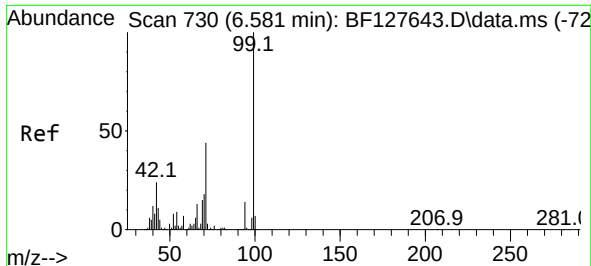
Tgt Ion:152 Resp: 156813
Ion Ratio Lower Upper
152 100
150 145.0 117.2 175.8
115 62.1 49.8 74.6



#5
2-Fluorophenol
Concen: 120.750 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127801.D
Acq: 15 Apr 2022 14:08

Tgt Ion:112 Resp: 1165308
Ion Ratio Lower Upper
112 100
64 64.4 58.4 87.6
63 34.8 30.1 45.1

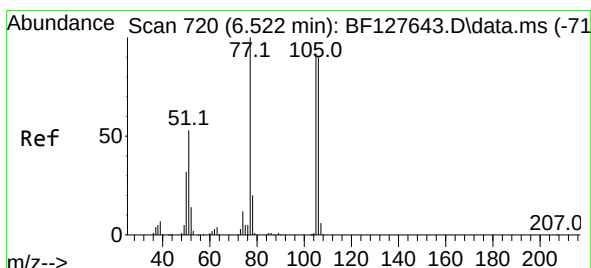
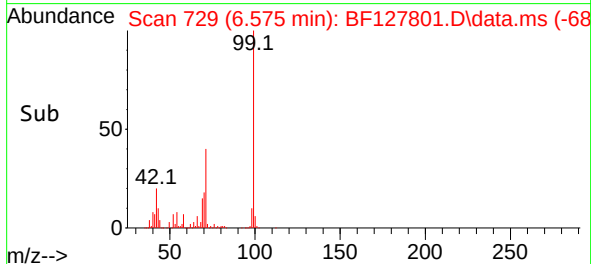
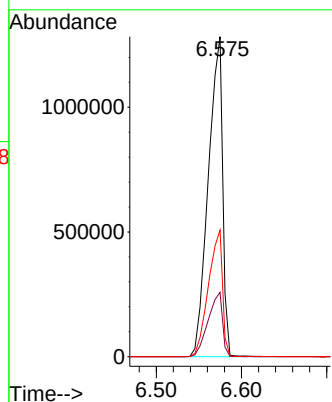
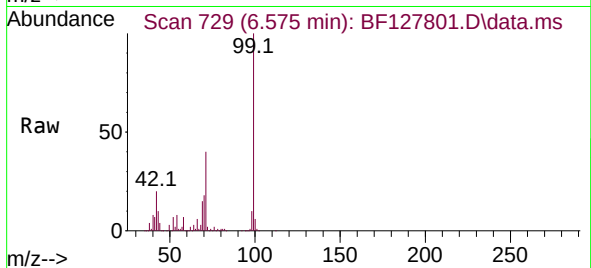




#7
Phenol-d6
Concen: 118.797 ng
RT: 6.575 min Scan# 729
Delta R.T. -0.012 min
Lab File: BF127801.D
Acq: 15 Apr 2022 14:08

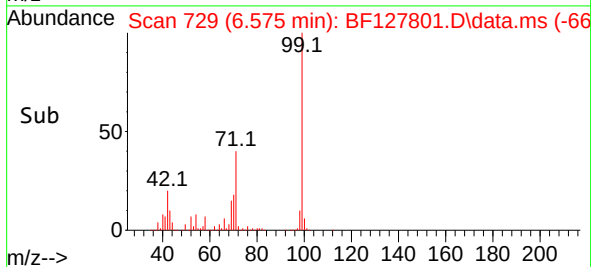
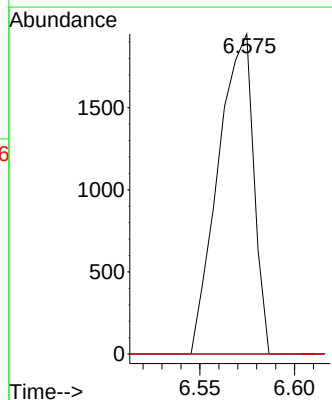
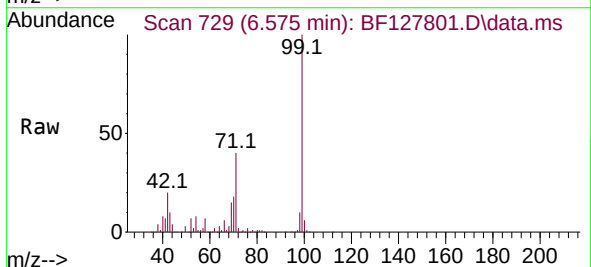
Instrument :
BNA_F
ClientSampleId :
DUP220414

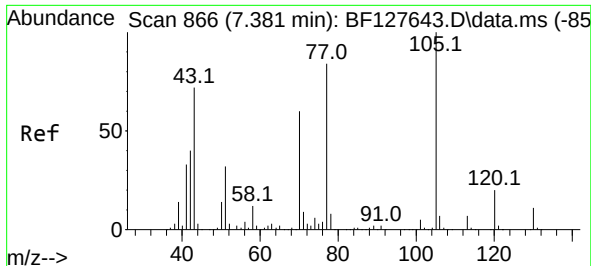
Tgt Ion: 99 Resp: 1499815
Ion Ratio Lower Upper
99 100
42 20.1 17.8 26.6
71 39.6 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 729
Delta R.T. 0.059 min
Lab File: BF127801.D
Acq: 15 Apr 2022 14:08

Tgt Ion: 77 Resp: 2537
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: 17.935 ng

RT: 7.510 min Scan# 8

Delta R.T. 0.135 min

Lab File: BF127801.D

Acq: 15 Apr 2022 14:08

Instrument :

BNA_F

ClientSampleId :

DUP220414

Tgt Ion: 70 Resp: 146448

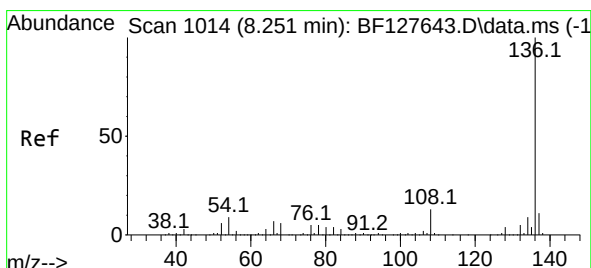
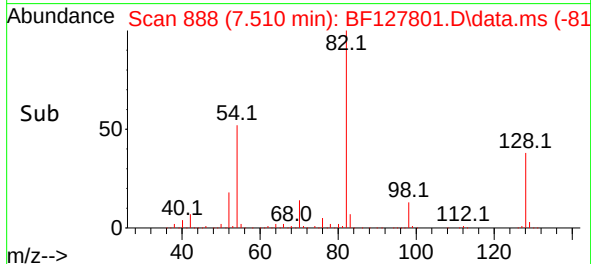
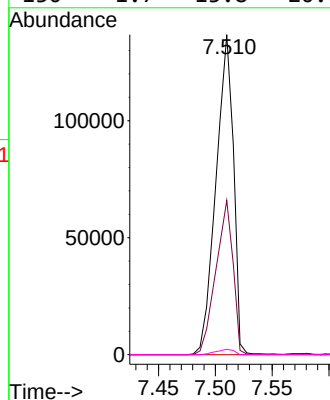
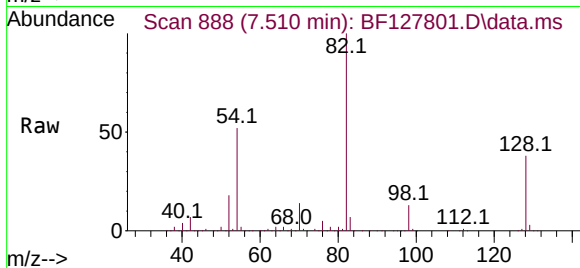
Ion Ratio Lower Upper

70 100

42 48.2 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: BF127801.D

Acq: 15 Apr 2022 14:08

Tgt Ion: 136 Resp: 576341

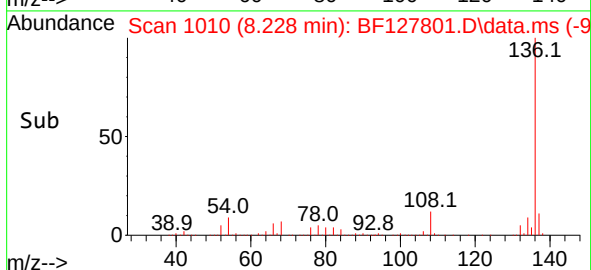
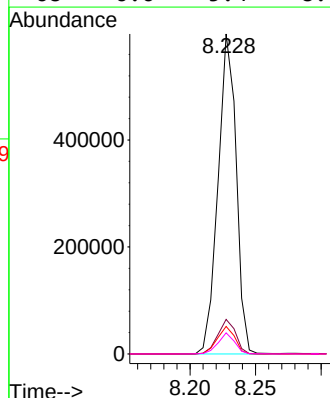
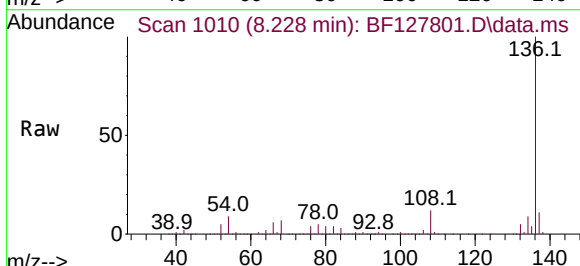
Ion Ratio Lower Upper

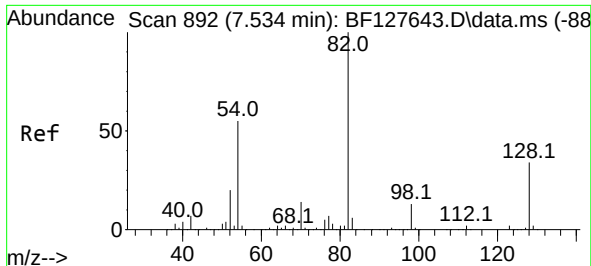
136 100

137 10.8 8.6 13.0

54 8.6 9.2 13.8#

68 6.6 5.4 8.0





#23

Nitrobenzene-d5

Concen: 83.588 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.018 min

Lab File: BF127801.D

Acq: 15 Apr 2022 14:08

Instrument :

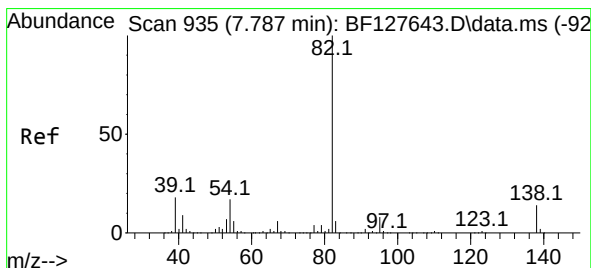
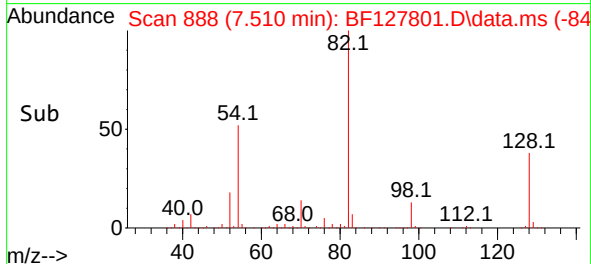
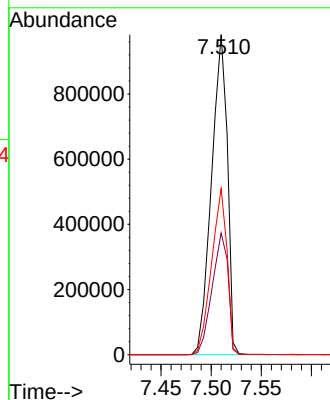
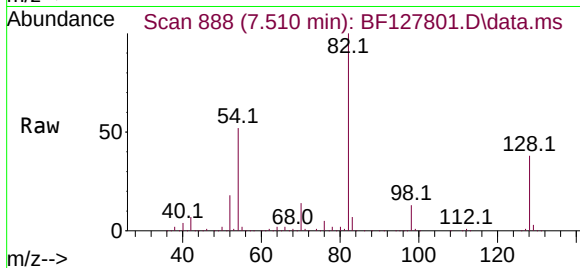
BNA_F

ClientSampleId :

DUP220414

Tgt Ion: 82 Resp: 1080616

Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.6	45.8
54	51.9	48.2	72.2



#25

Isophorone

Concen: 47.751 ng

RT: 7.510 min Scan# 888

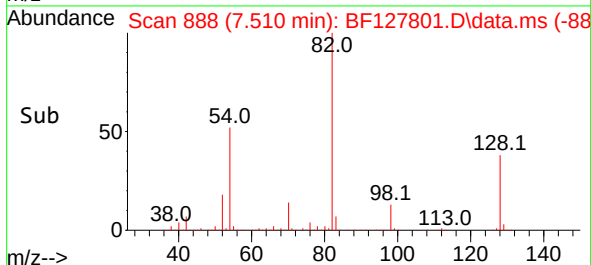
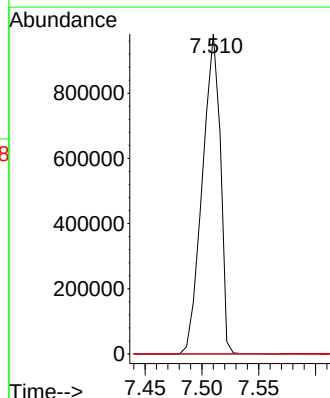
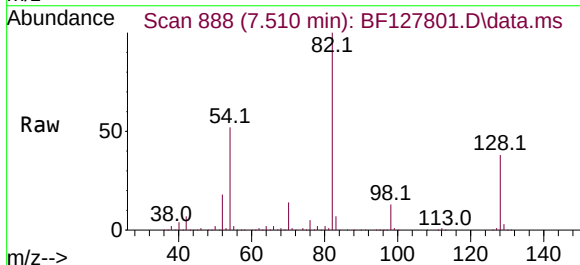
Delta R.T. -0.277 min

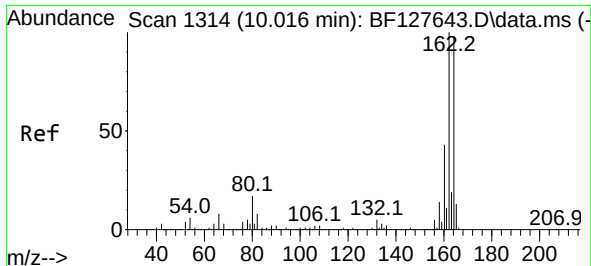
Lab File: BF127801.D

Acq: 15 Apr 2022 14:08

Tgt Ion: 82 Resp: 1077187

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: 9.992 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127801.D

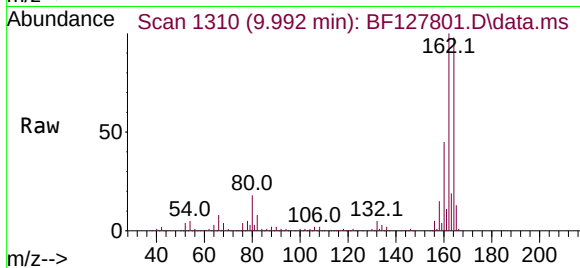
Acq: 15 Apr 2022 14:08

Instrument :

BNA_F

ClientSampleId :

DUP220414



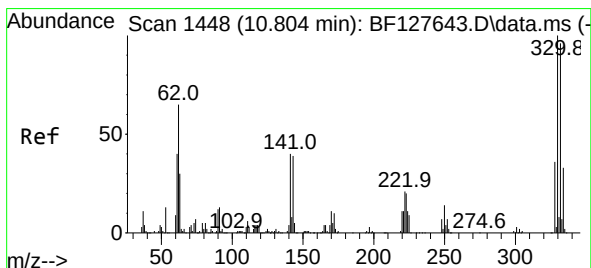
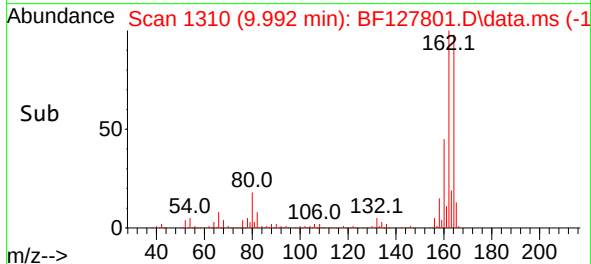
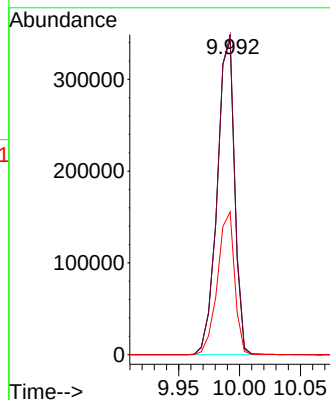
Tgt Ion:164 Resp: 342047

Ion Ratio Lower Upper

164 100

162 101.6 81.2 121.8

160 45.3 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 134.846 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF127801.D

Acq: 15 Apr 2022 14:08

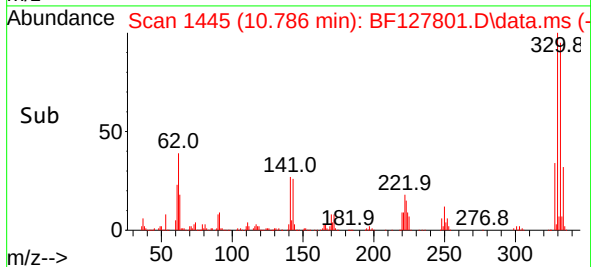
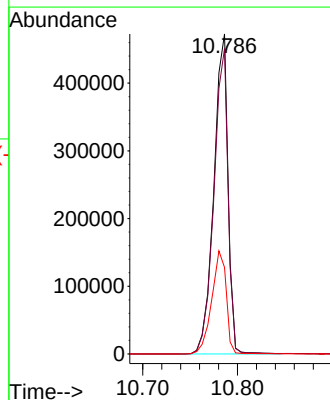
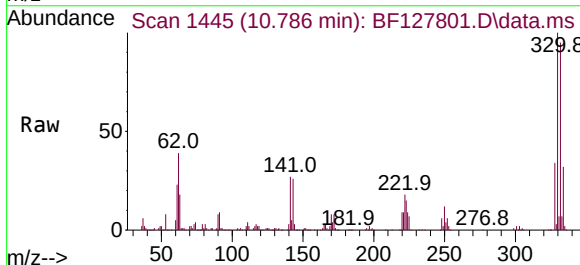
Tgt Ion:330 Resp: 490826

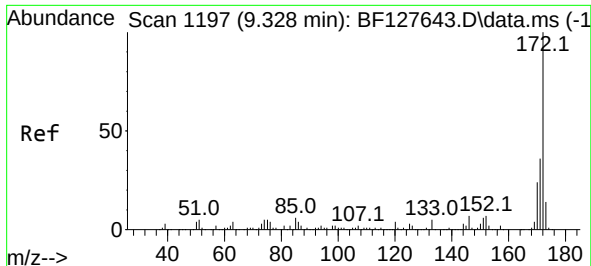
Ion Ratio Lower Upper

330 100

332 95.5 79.1 118.7

141 33.1 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 77.313 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF127801.D

Acq: 15 Apr 2022 14:08

Instrument :

BNA_F

ClientSampleId :

DUP220414

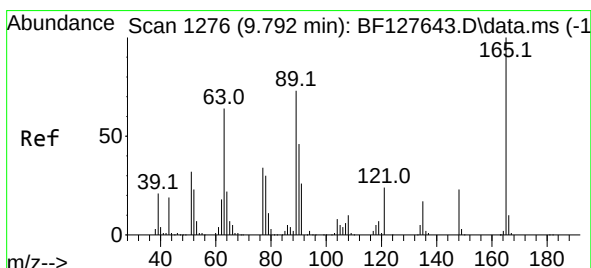
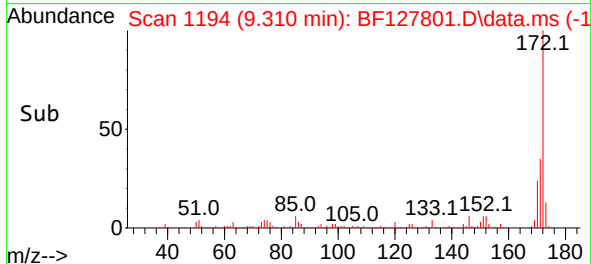
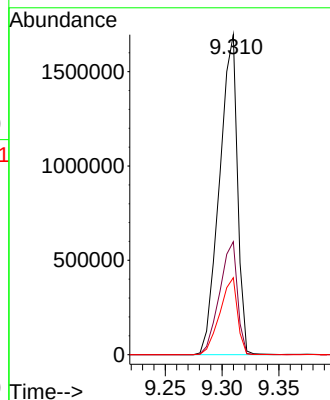
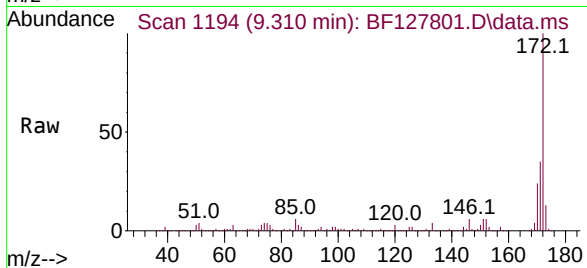
Tgt Ion:172 Resp: 1869328

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.1 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.520 ng

RT: 9.992 min Scan# 1310

Delta R.T. 0.206 min

Lab File: BF127801.D

Acq: 15 Apr 2022 14:08

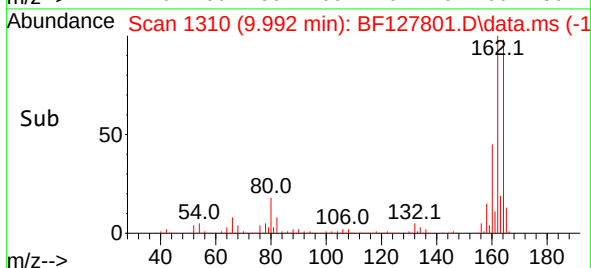
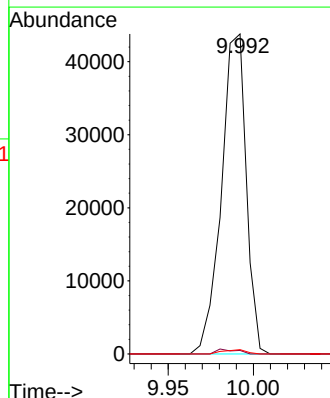
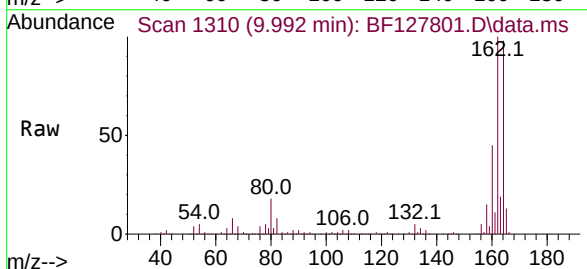
Tgt Ion:165 Resp: 44489

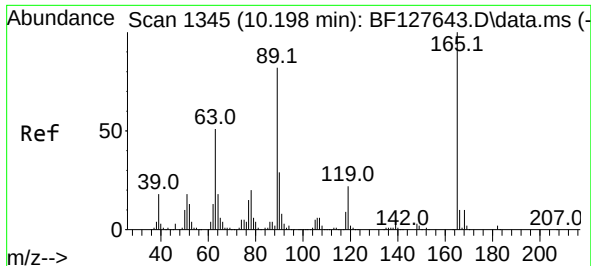
Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 1.4 51.5 77.3#

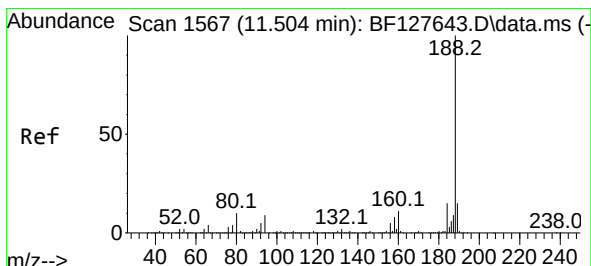
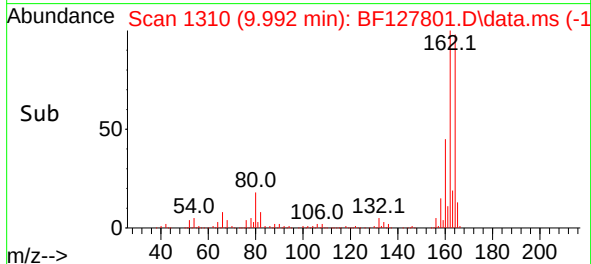
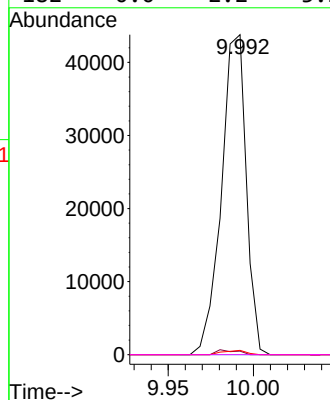
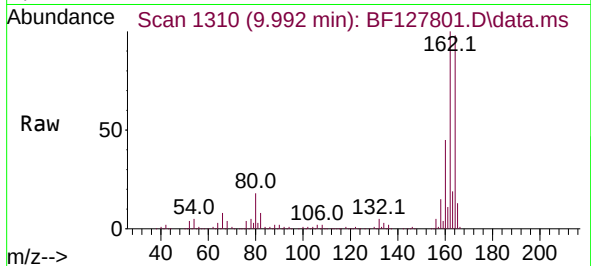




#57
2,4-Dinitrotoluene
Concen: 7.678 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127801.D
Acq: 15 Apr 2022 14:08

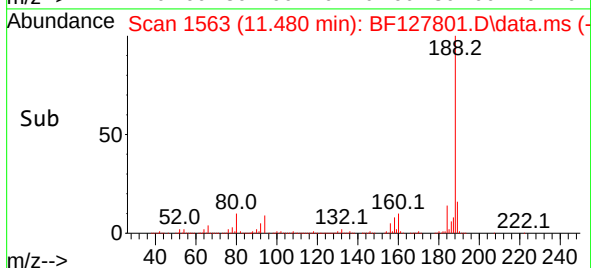
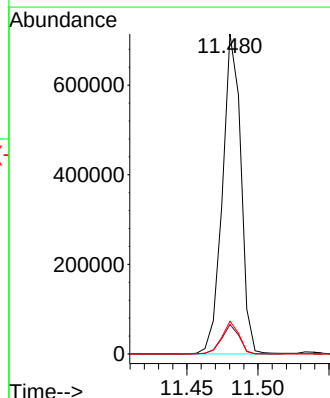
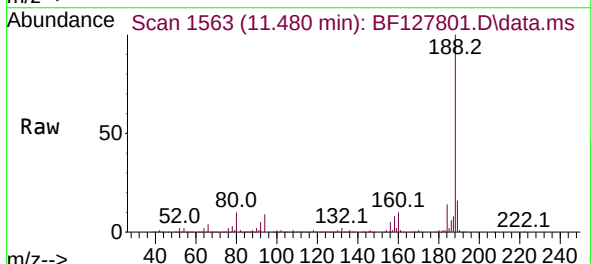
Instrument :
BNA_F
ClientSampleId :
DUP220414

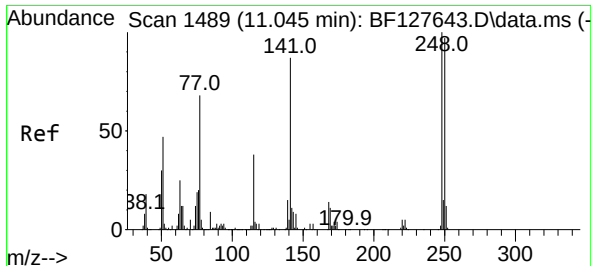
Tgt Ion:165 Resp: 44489
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF127801.D
Acq: 15 Apr 2022 14:08

Tgt Ion:188 Resp: 642790
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.3 8.0 12.0

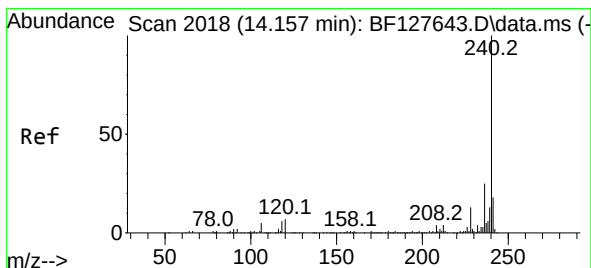
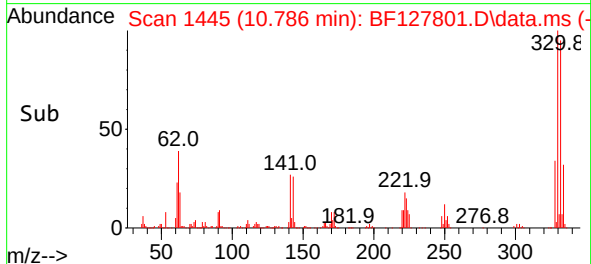
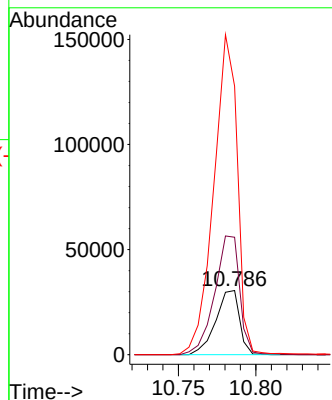
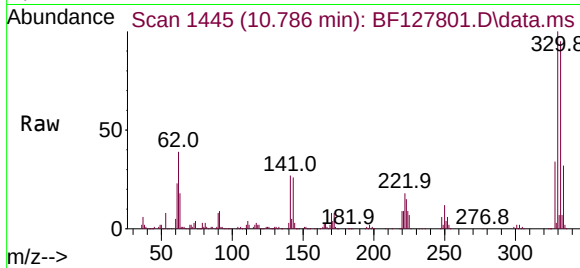




#67
4-Bromophenyl-phenylether
Concen: 4.191 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.253 min
Lab File: BF127801.D
Acq: 15 Apr 2022 14:08

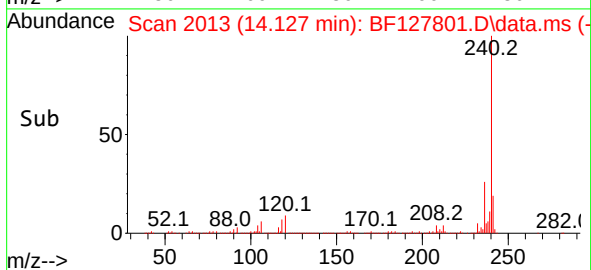
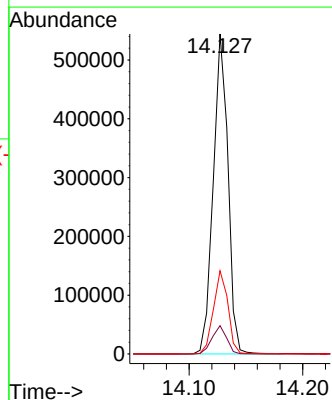
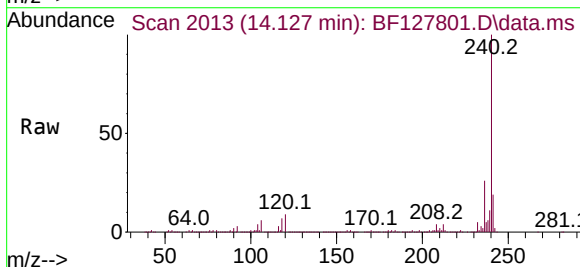
Instrument :
BNA_F
ClientSampleId :
DUP220414

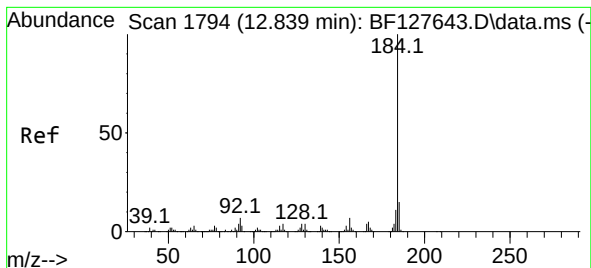
Tgt Ion:248 Resp: 32693
Ion Ratio Lower Upper
248 100
250 183.3 76.6 115.0#
141 419.0 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF127801.D
Acq: 15 Apr 2022 14:08

Tgt Ion:240 Resp: 490295
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 26.0 20.7 31.1





#77

Benzidine

Concen: 2.440 ng

RT: 13.074 min Scan# 1834

Delta R.T. 0.247 min

Lab File: BF127801.D

Acq: 15 Apr 2022 14:08

Instrument :

BNA_F

ClientSampleId :

DUP220414

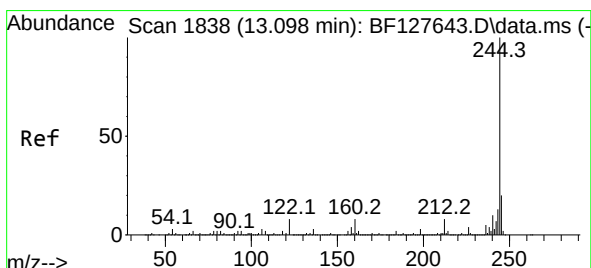
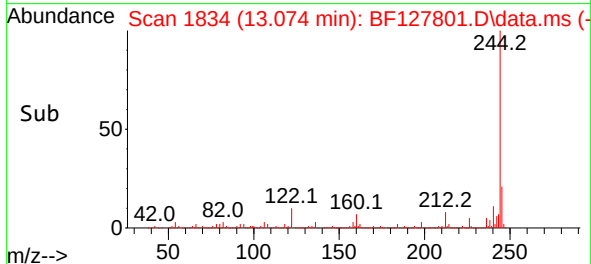
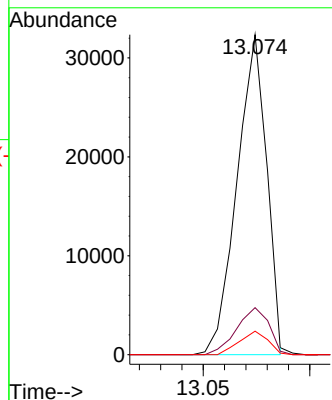
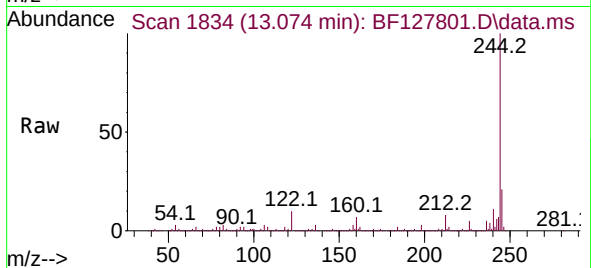
Tgt Ion:184 Resp: 31220

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

183 7.4 9.4 14.0#



#79

Terphenyl-d14

Concen: 73.675 ng

RT: 13.074 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF127801.D

Acq: 15 Apr 2022 14:08

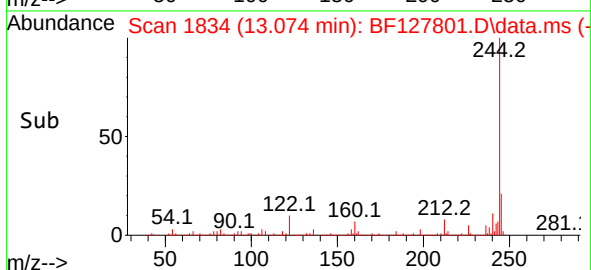
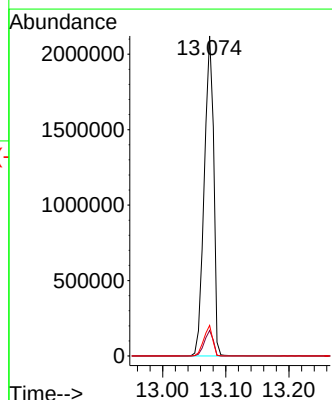
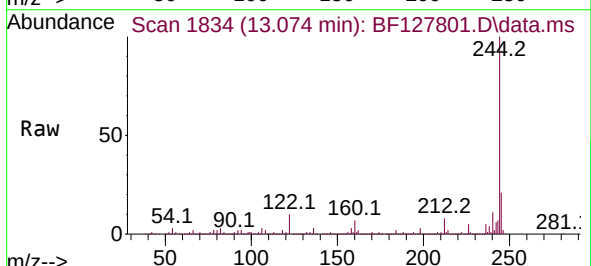
Tgt Ion:244 Resp: 2188451

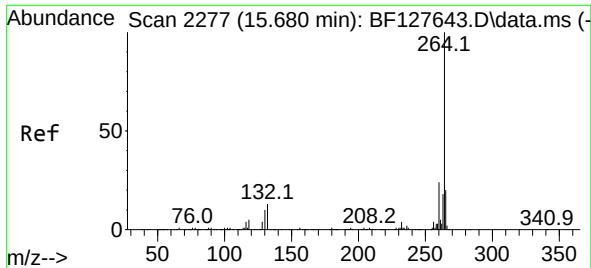
Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

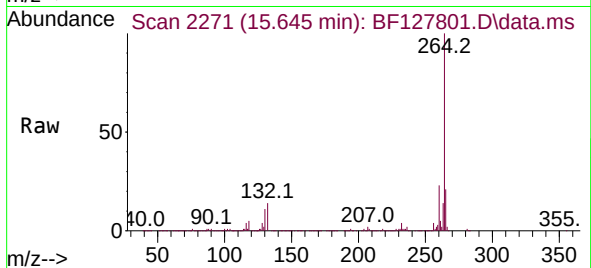
122 9.6 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF127801.D
 Acq: 15 Apr 2022 14:08

Instrument :
 BNA_F
 ClientSampleId :
 DUP220414



Tgt Ion:264 Resp: 377046
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 20.6 17.4 26.2

