

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127013.D
 Acq On : 22 Feb 2022 17:23
 Operator : CG\JU
 Sample : N1626-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-A4

Quant Time: Feb 22 23:58:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

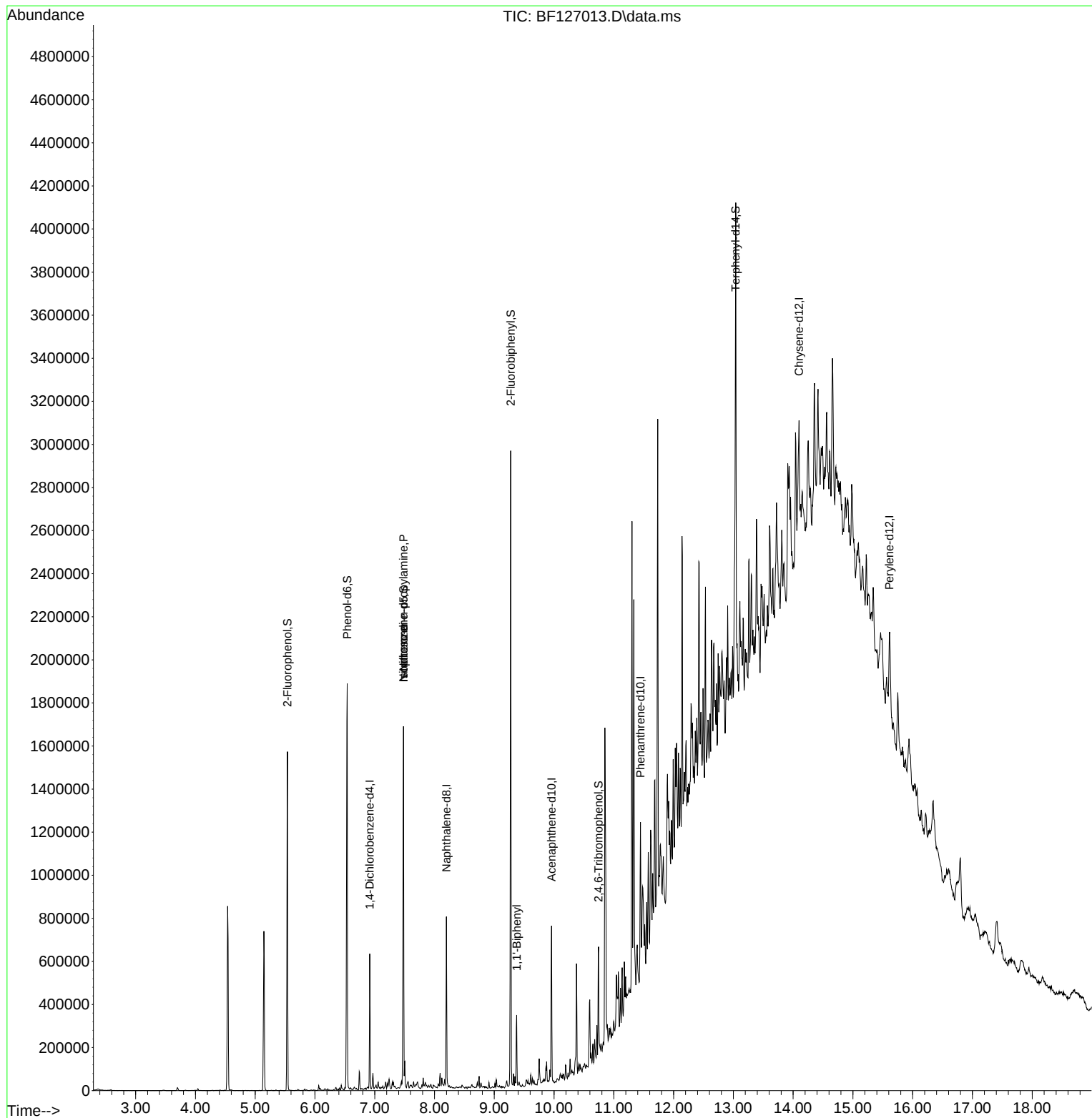
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	70500	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	279030	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	125871	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	177445	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	120661	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	116842	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	356460	78.147	ng	0.00
7) Phenol-d6	6.540	99	624437	101.453	ng	0.00
23) Nitrobenzene-d5	7.481	82	506504	81.935	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	56228	38.798	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	759992	88.887	ng	0.00
79) Terphenyl-d14	13.039	244	596610	72.686	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	72567	18.297	ng	# 80
25) Isophorone	7.481	82	505674	49.434	ng	# 69
46) 1,1'-Biphenyl	9.375	154	64557	6.473	ng	98

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

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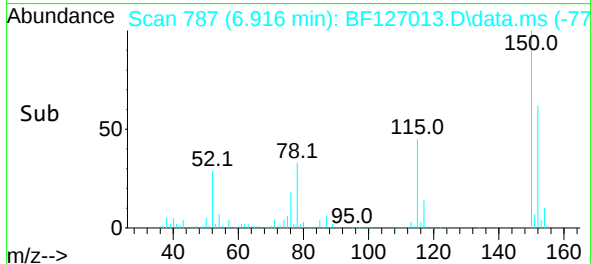
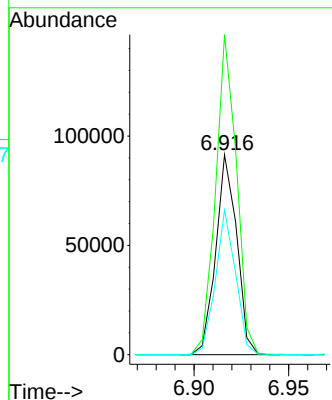
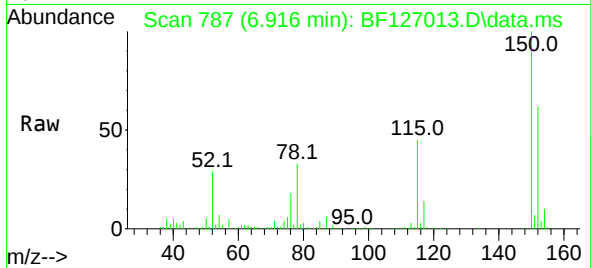




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127013.D
Acq: 22 Feb 2022 17:23

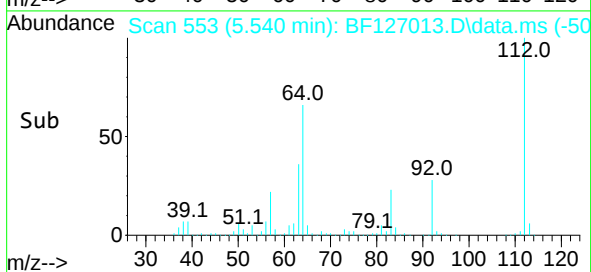
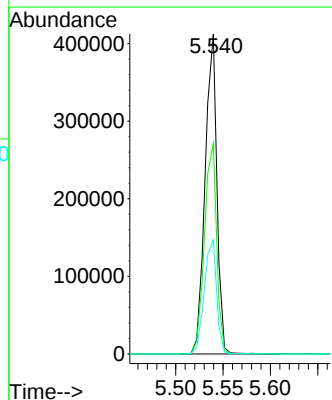
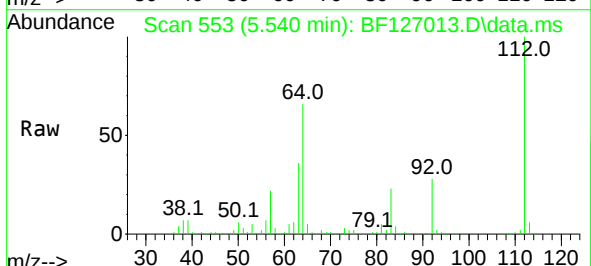
Instrument :
BNA_F
ClientSampleId :
CC-A4

Tgt Ion:152 Resp: 70500
Ion Ratio Lower Upper
152 100
150 160.0 128.1 192.1
115 72.3 56.7 85.1



#5
2-Fluorophenol
Concen: 78.147 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF127013.D
Acq: 22 Feb 2022 17:23

Tgt Ion:112 Resp: 356460
Ion Ratio Lower Upper
112 100
64 65.7 49.5 74.3
63 35.7 23.9 35.9

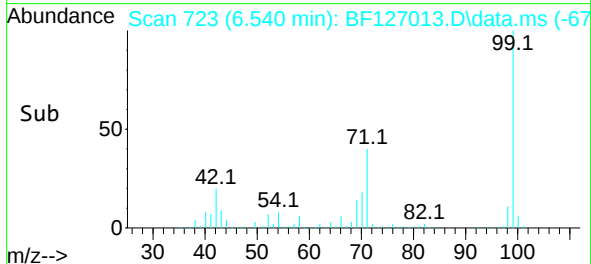
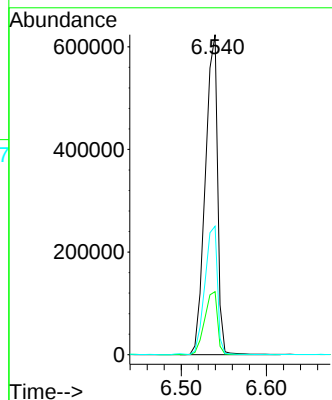
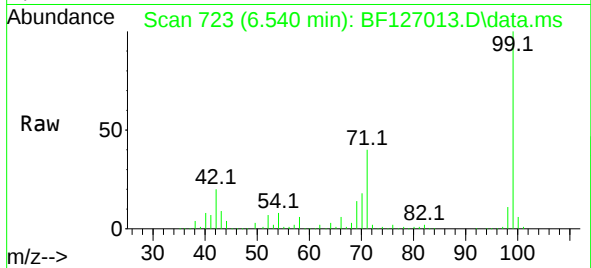




#7
Phenol-d6
Concen: 101.453 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127013.D
Acq: 22 Feb 2022 17:23

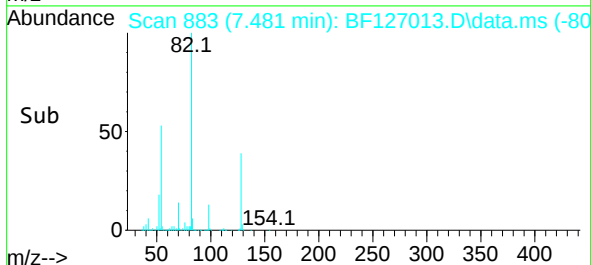
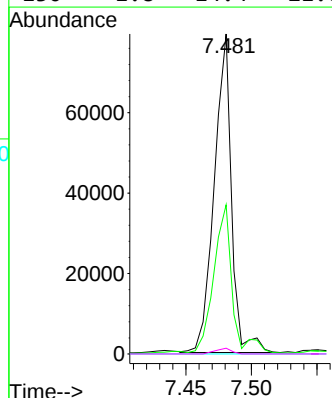
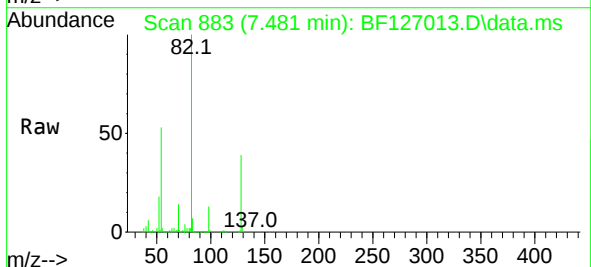
Instrument :
BNA_F
ClientSampleId :
CC-A4

Tgt Ion: 99 Resp: 624437
Ion Ratio Lower Upper
99 100
42 19.7 14.2 21.4
71 40.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.297 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF127013.D
Acq: 22 Feb 2022 17:23

Tgt Ion: 70 Resp: 72567
Ion Ratio Lower Upper
70 100
42 46.6 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

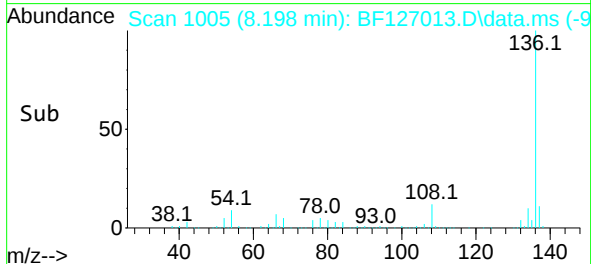
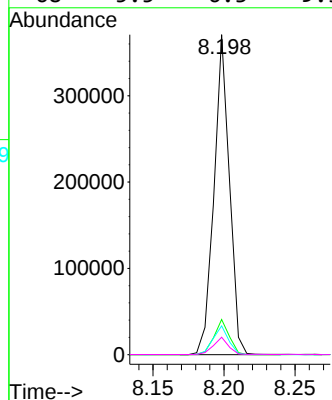
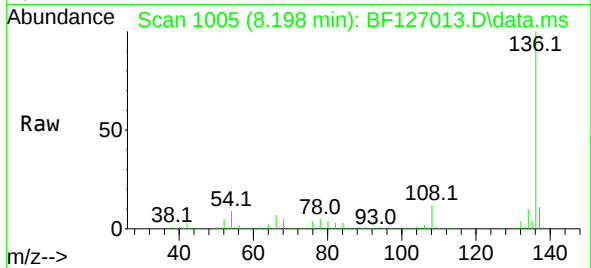




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127013.D
Acq: 22 Feb 2022 17:23

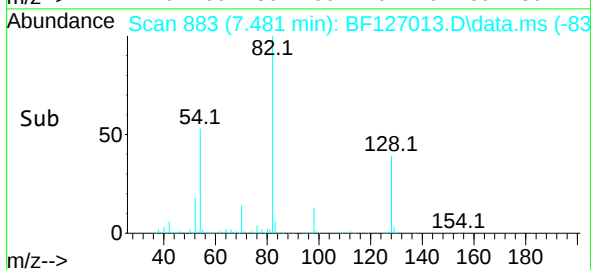
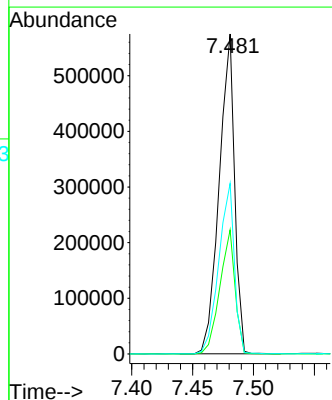
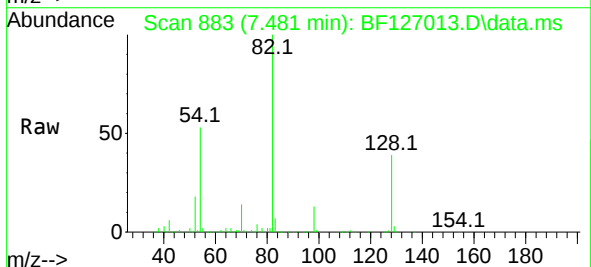
Instrument :
BNA_F
ClientSampleId :
CC-A4

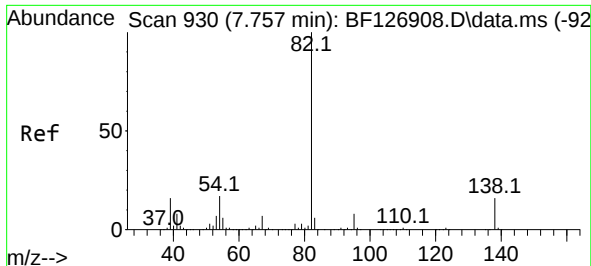
Tgt Ion:136 Resp: 279030
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.0 7.8 11.6
68 5.5 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 81.935 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF127013.D
Acq: 22 Feb 2022 17:23

Tgt Ion: 82 Resp: 506504
Ion Ratio Lower Upper
82 100
128 38.8 32.7 49.1
54 53.3 41.7 62.5

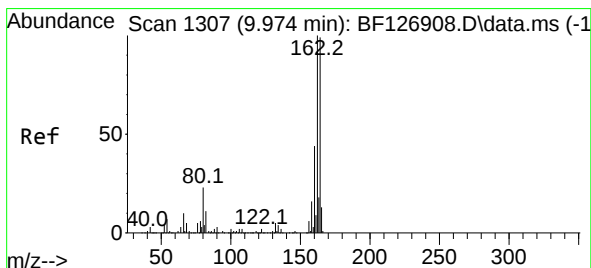
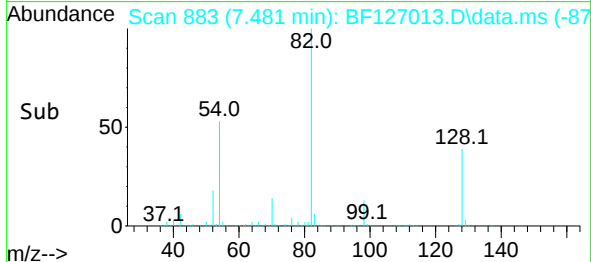
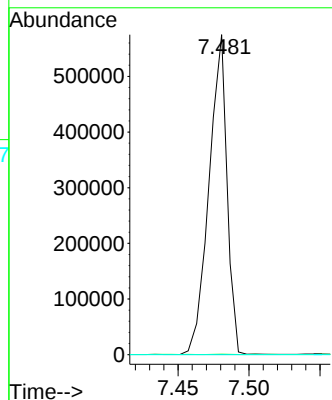
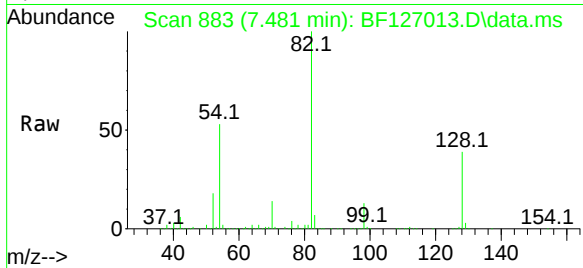




#25
Isophorone
Concen: 49.434 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127013.D
Acq: 22 Feb 2022 17:23

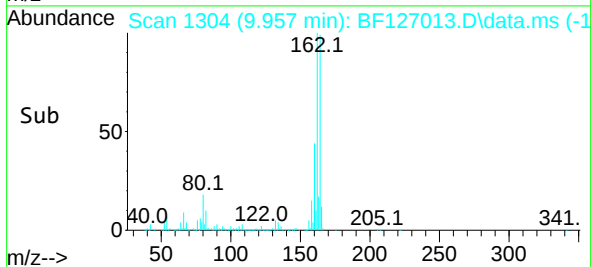
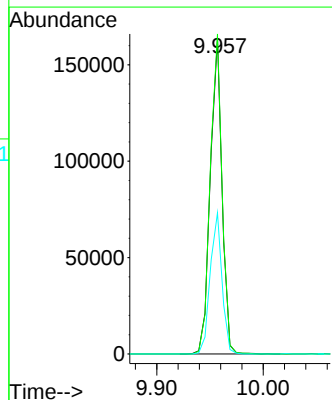
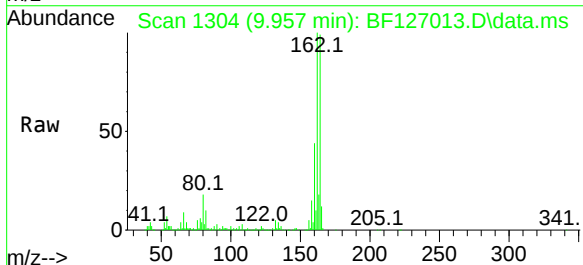
Instrument :
BNA_F
ClientSampleId :
CC-A4

Tgt Ion: 82 Resp: 505674
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF127013.D
Acq: 22 Feb 2022 17:23

Tgt Ion: 164 Resp: 125871
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 44.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 38.798 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127013.D

Acq: 22 Feb 2022 17:23

Instrument :

BNA_F

ClientSampleId :

CC-A4

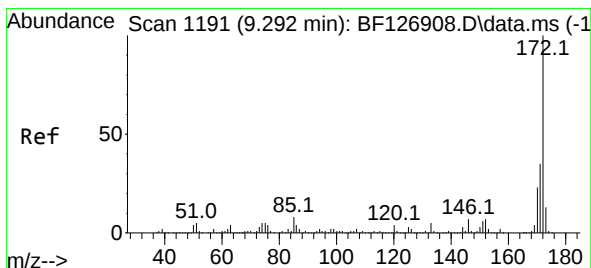
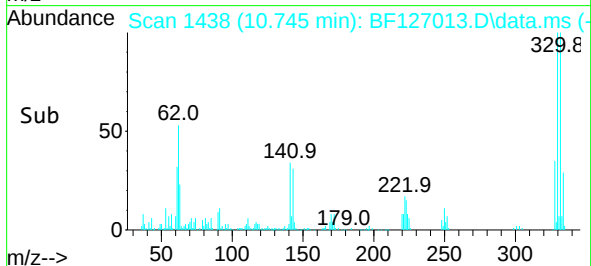
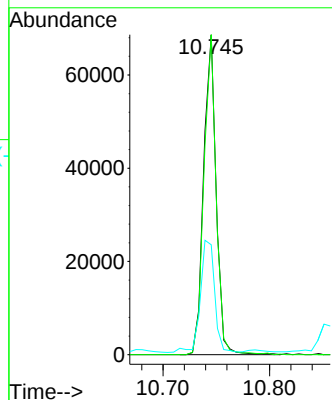
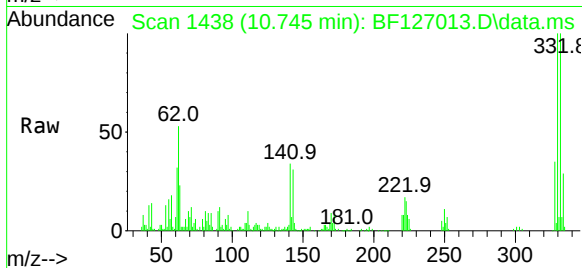
Tgt Ion:330 Resp: 56228

Ion Ratio Lower Upper

330 100

332 97.8 76.0 114.0

141 39.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 88.887 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF127013.D

Acq: 22 Feb 2022 17:23

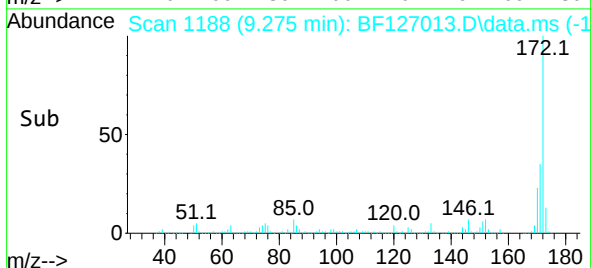
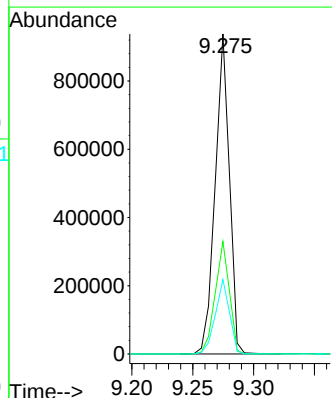
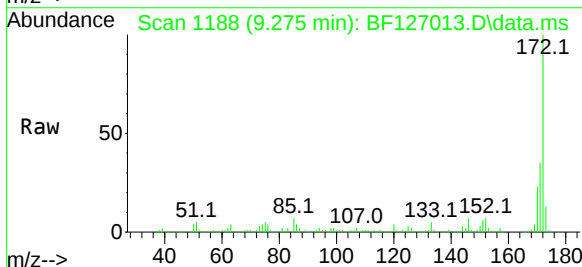
Tgt Ion:172 Resp: 759992

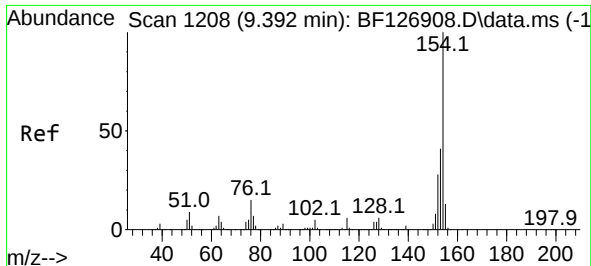
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.2 19.0 28.6

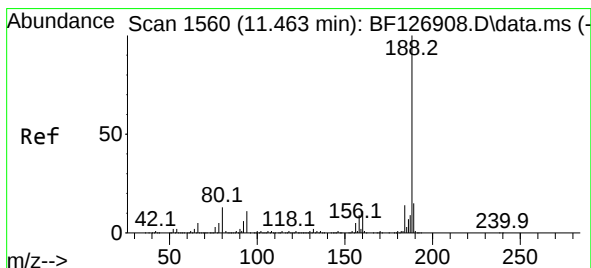
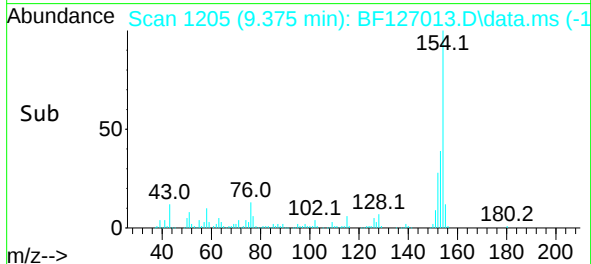
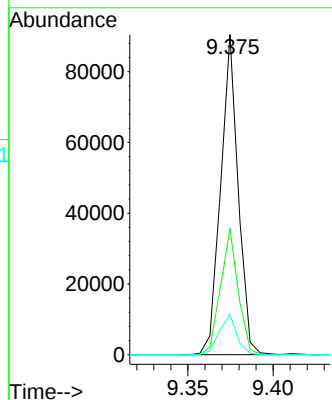
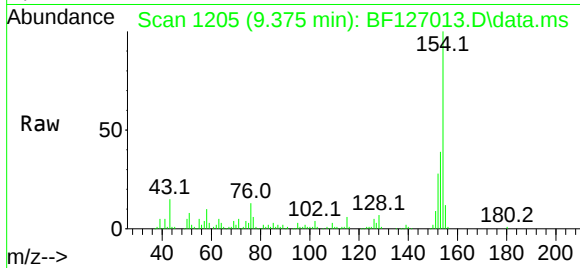




#46
1,1'-Biphenyl
Concen: 6.473 ng
RT: 9.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127013.D
Acq: 22 Feb 2022 17:23

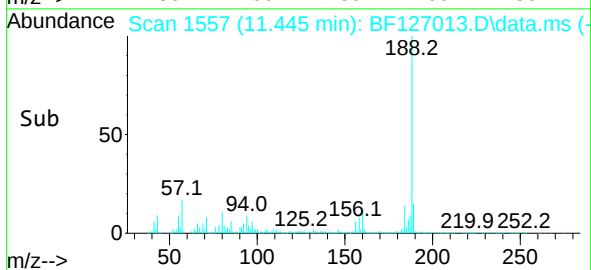
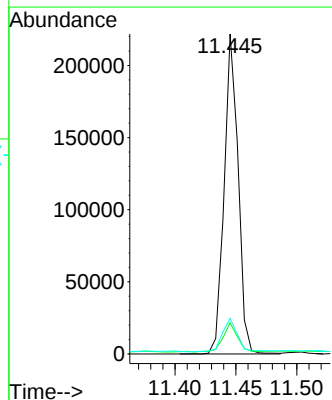
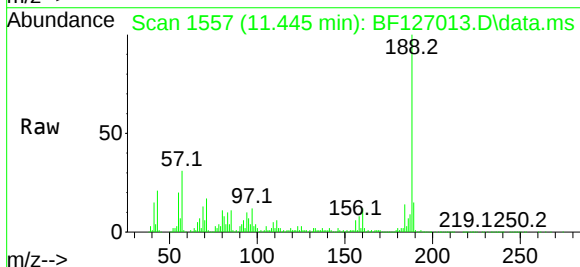
Instrument :
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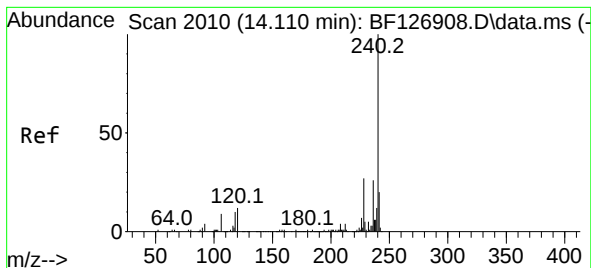
Tgt Ion:154 Resp: 64557
Ion Ratio Lower Upper
154 100
153 39.3 19.0 59.0
76 12.6 0.0 34.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF127013.D
Acq: 22 Feb 2022 17:23

Tgt Ion:188 Resp: 177445
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 11.1 11.8 17.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF127013.D

Acq: 22 Feb 2022 17:23

Instrument :

BNA_F

ClientSampleId :

CC-A4

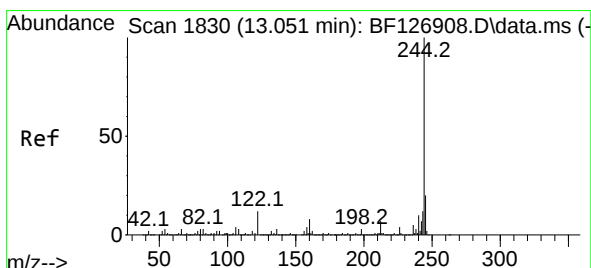
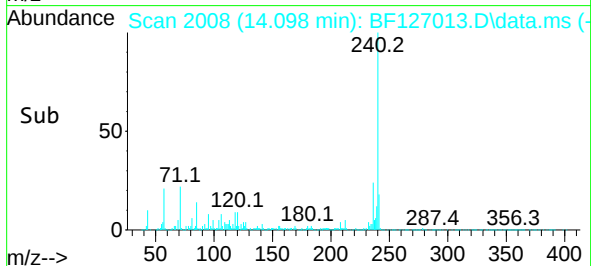
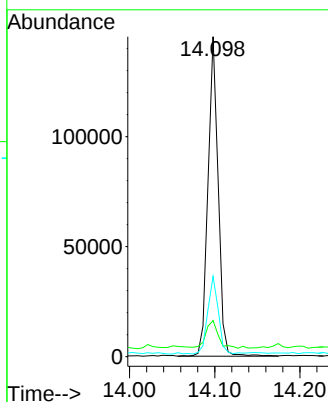
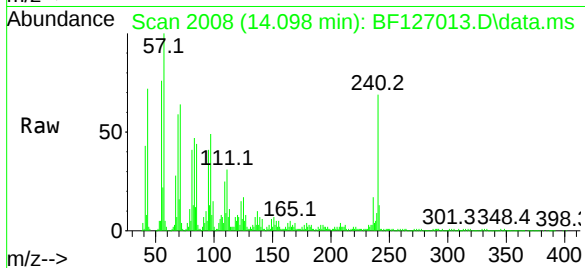
Tgt Ion:240 Resp: 120661

Ion Ratio Lower Upper

240 100

120 11.3 14.4 21.6#

236 25.1 20.5 30.7



#79

Terphenyl-d14

Concen: 72.686 ng

RT: 13.039 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF127013.D

Acq: 22 Feb 2022 17:23

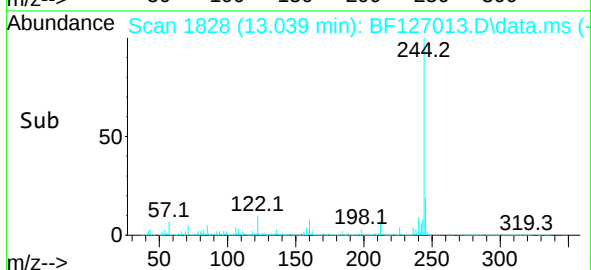
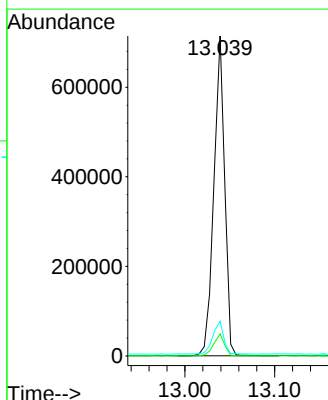
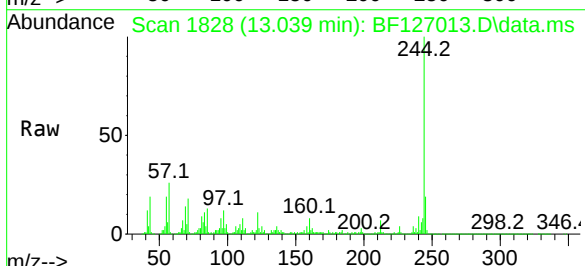
Tgt Ion:244 Resp: 596610

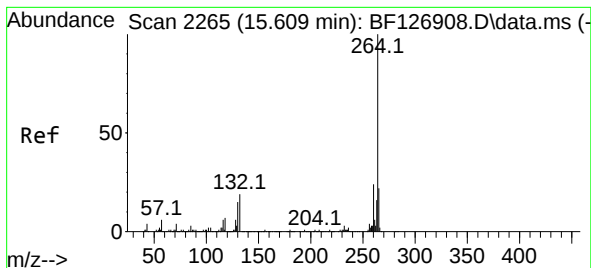
Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

122 10.8 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.610 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF127013.D

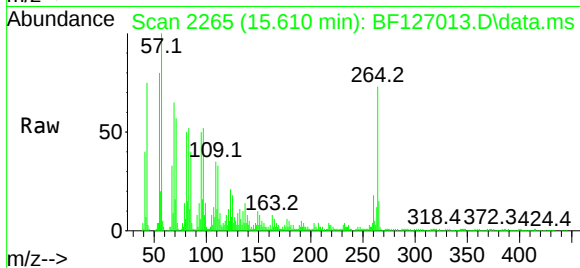
Acq: 22 Feb 2022 17:23

Instrument :

BNA_F

ClientSampleId :

CC-A4



Tgt Ion:264 Resp: 116842

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.8 17.4 26.2

