

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127014.D
 Acq On : 22 Feb 2022 17:52
 Operator : CG\JU
 Sample : N1626-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-B4

Quant Time: Feb 22 23:58:45 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)

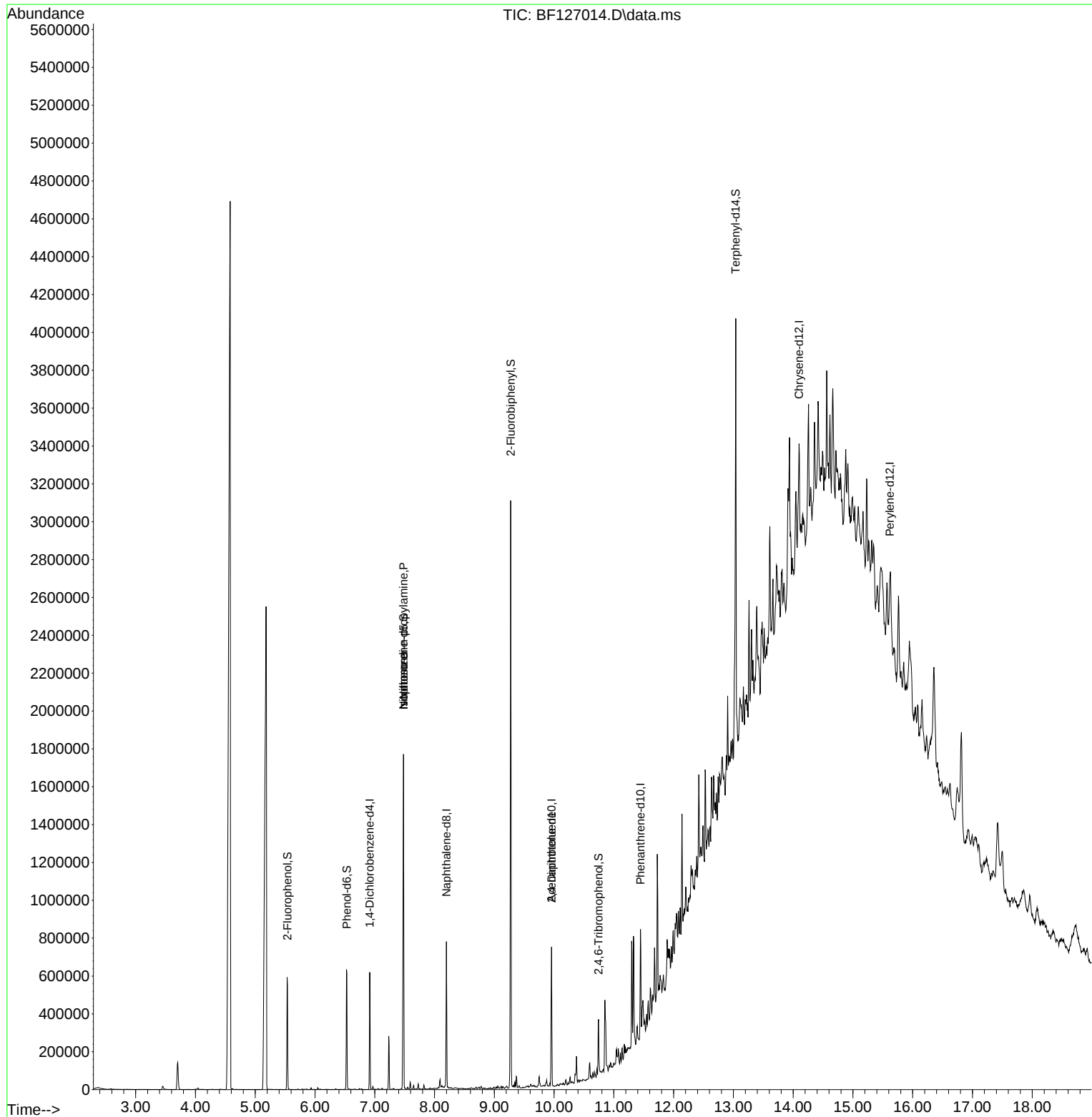
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	72316	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	280126	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	124476	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	177162	20.000	ng	0.00
76) Chrysene-d12	14.098	240	120744	20.000	ng	0.00
86) Perylene-d12	15.615	264	108826	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	137276	29.339	ng	0.00
7) Phenol-d6	6.534	99	189779	30.059	ng	-0.01
23) Nitrobenzene-d5	7.481	82	538636	86.792	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	32572	22.727	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	817796	96.719	ng	0.00
79) Terphenyl-d14	13.039	244	638465	77.732	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	74053	18.203	ng	# 80
25) Isophorone	7.481	82	537517	52.341	ng	# 69
57) 2,4-Dinitrotoluene	9.957	165	16949	6.925	ng	# 16

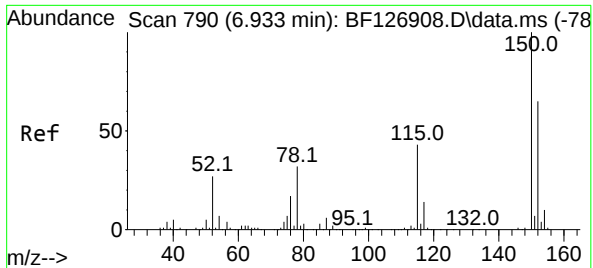
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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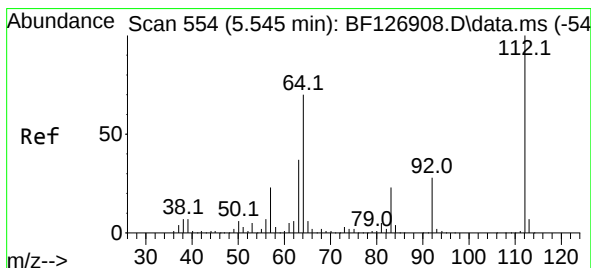
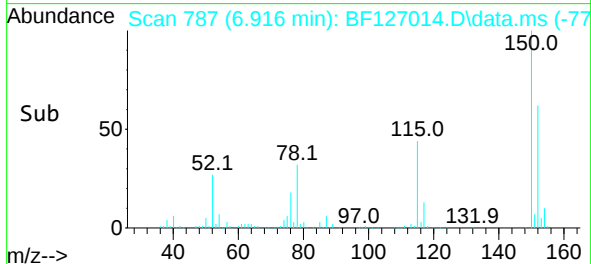
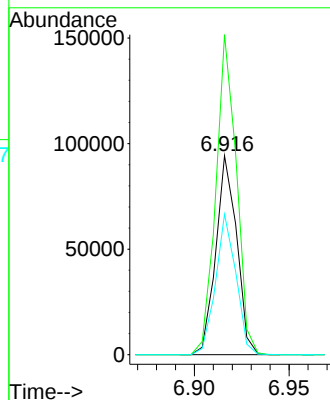
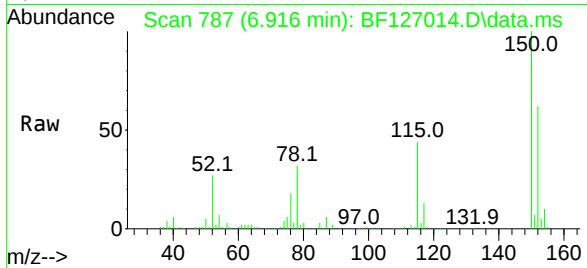




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127014.D
Acq: 22 Feb 2022 17:52

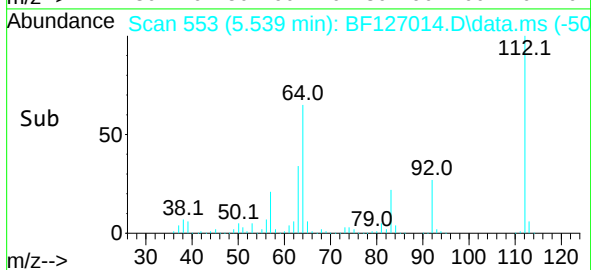
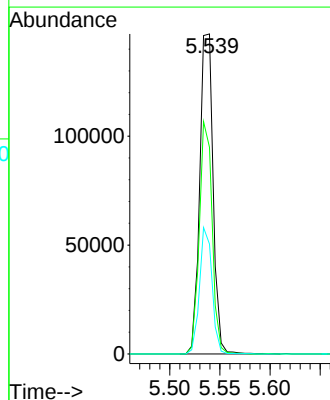
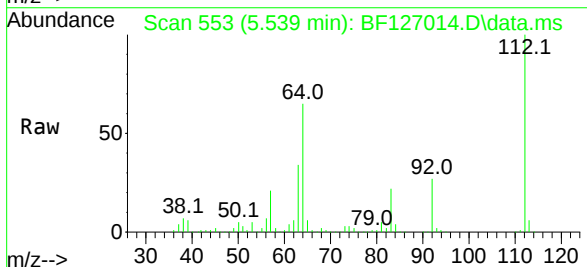
Instrument :
BNA_F
ClientSampleId :
CC-B4

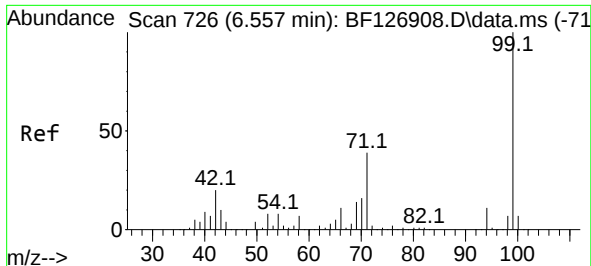
Tgt Ion:152 Resp: 72316
Ion Ratio Lower Upper
152 100
150 160.8 128.1 192.1
115 70.6 56.7 85.1



#5
2-Fluorophenol
Concen: 29.339 ng
RT: 5.539 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF127014.D
Acq: 22 Feb 2022 17:52

Tgt Ion:112 Resp: 137276
Ion Ratio Lower Upper
112 100
64 64.6 49.5 74.3
63 34.4 23.9 35.9

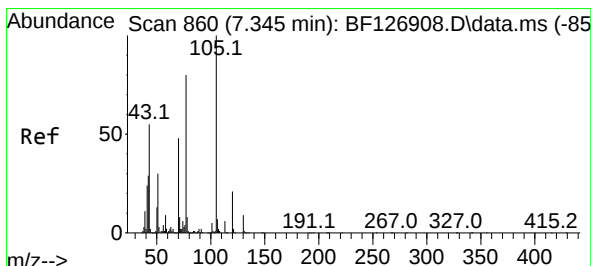
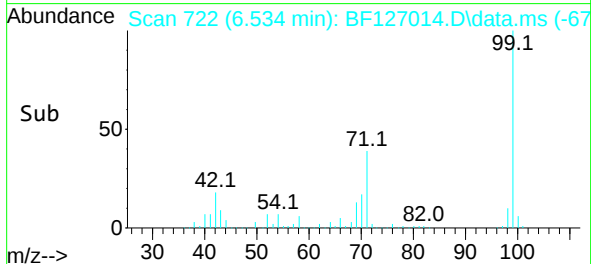
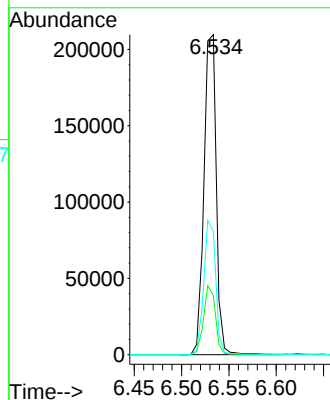
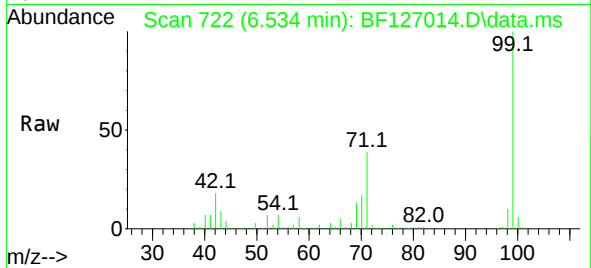




#7
Phenol-d6
Concen: 30.059 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127014.D
Acq: 22 Feb 2022 17:52

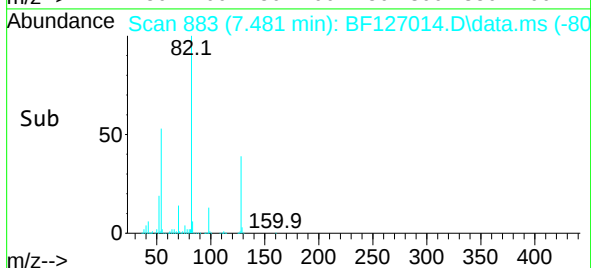
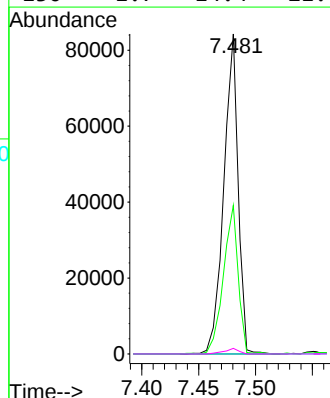
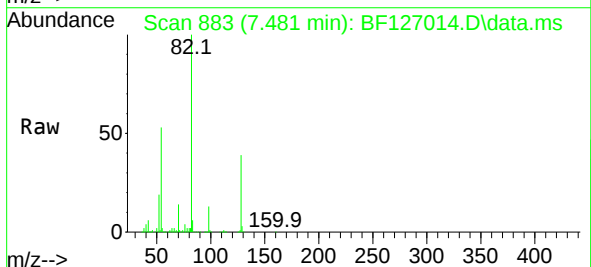
Instrument :
BNA_F
ClientSampleId :
CC-B4

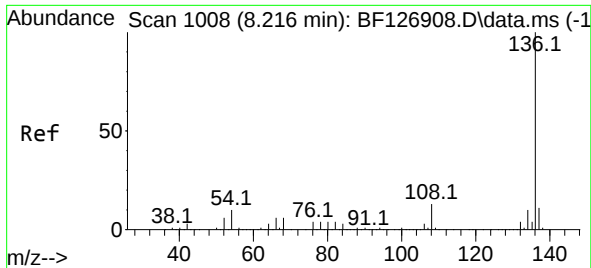
Tgt Ion: 99 Resp: 189779
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 38.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.203 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF127014.D
Acq: 22 Feb 2022 17:52

Tgt Ion: 70 Resp: 74053
Ion Ratio Lower Upper
70 100
42 46.4 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

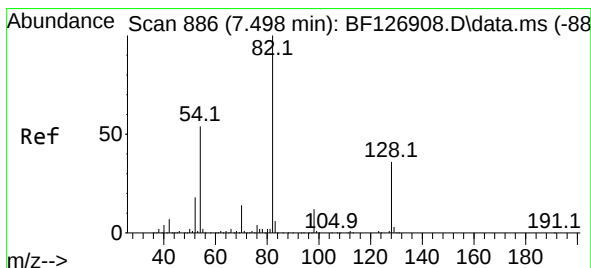
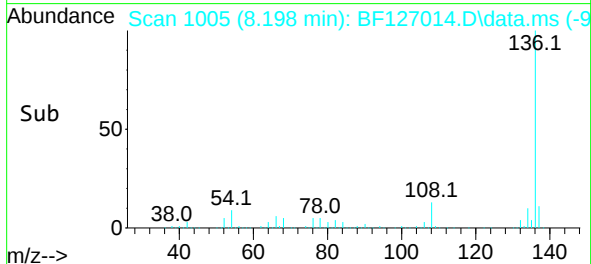
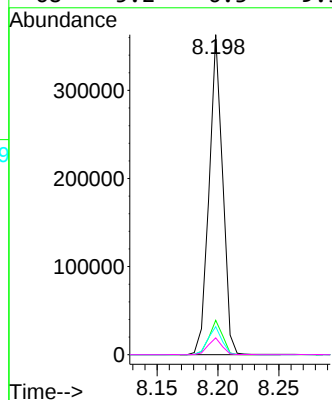
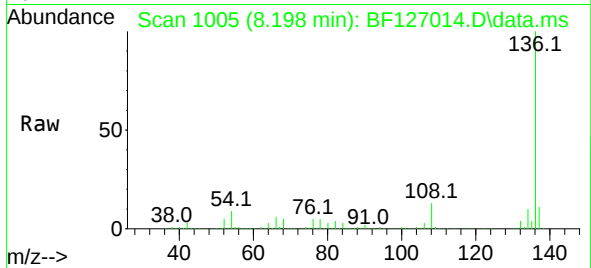




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127014.D
Acq: 22 Feb 2022 17:52

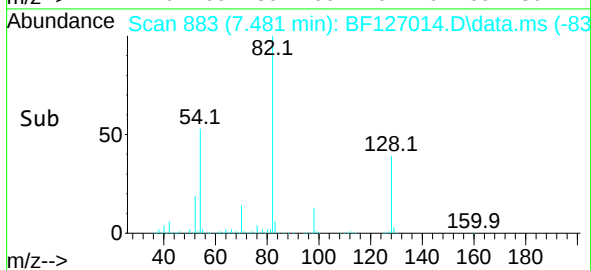
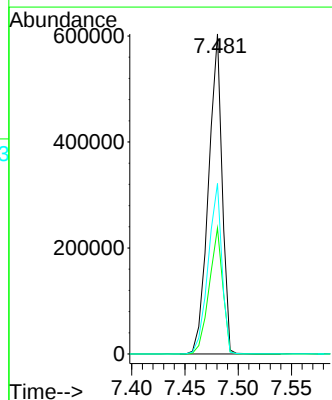
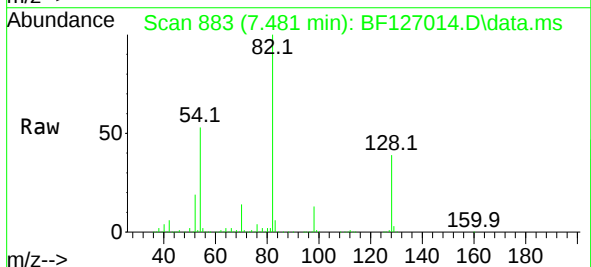
Instrument :
BNA_F
ClientSampleId :
CC-B4

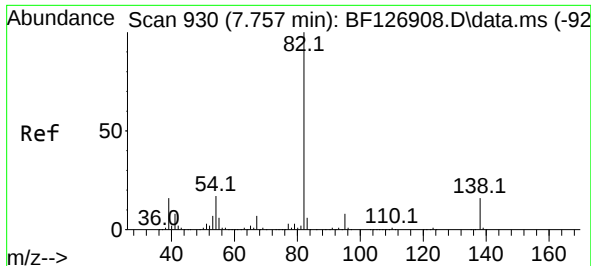
Tgt Ion:136 Resp: 280126
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.8 7.8 11.6
68 5.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 86.792 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF127014.D
Acq: 22 Feb 2022 17:52

Tgt Ion: 82 Resp: 538636
Ion Ratio Lower Upper
82 100
128 39.4 32.7 49.1
54 53.3 41.7 62.5

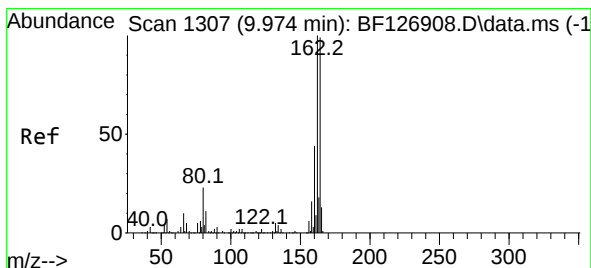
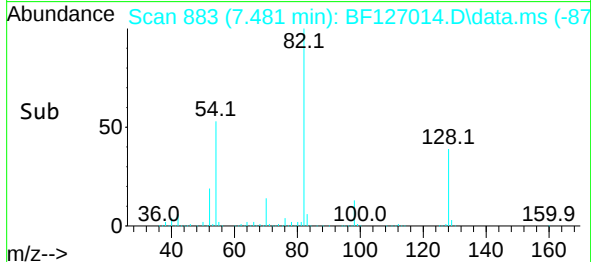
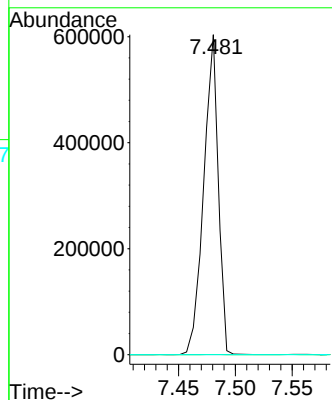
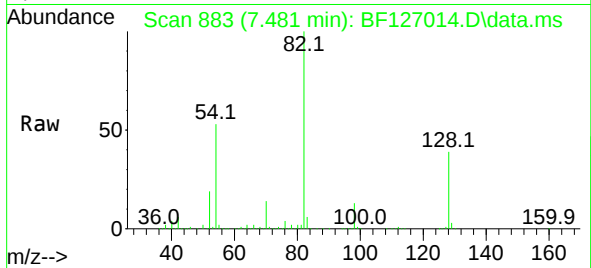




#25
Isophorone
Concen: 52.341 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127014.D
Acq: 22 Feb 2022 17:52

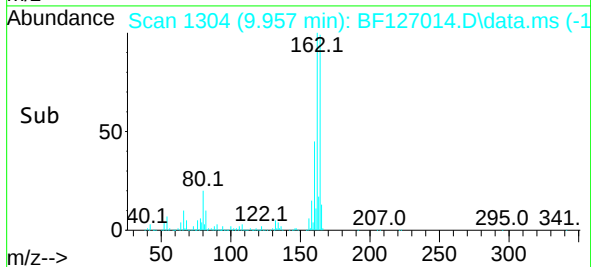
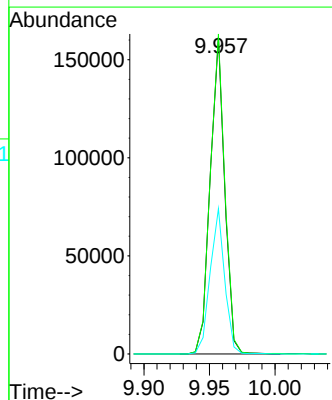
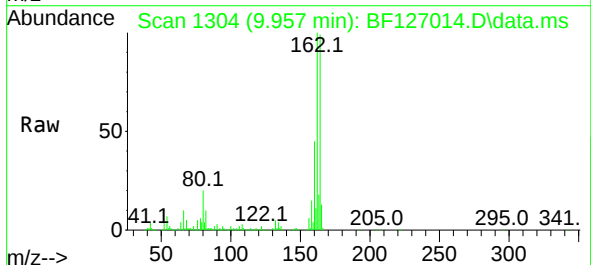
Instrument :
BNA_F
ClientSampleId :
CC-B4

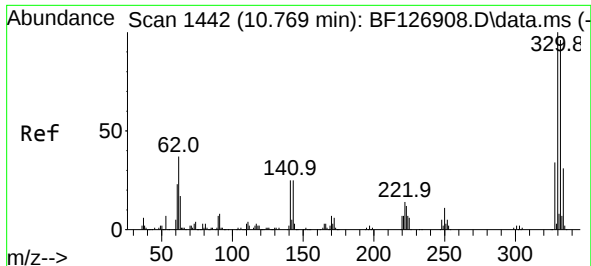
Tgt Ion: 82 Resp: 537517
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF127014.D
Acq: 22 Feb 2022 17:52

Tgt Ion:164 Resp: 124476
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 45.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 22.727 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127014.D

Acq: 22 Feb 2022 17:52

Instrument :

BNA_F

ClientSampleId :

CC-B4

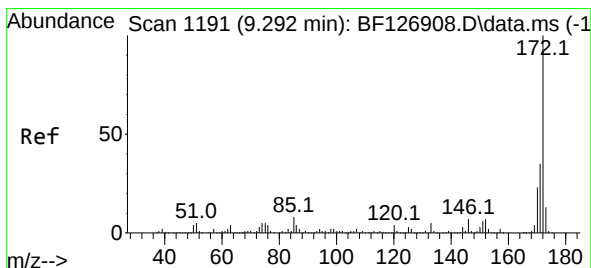
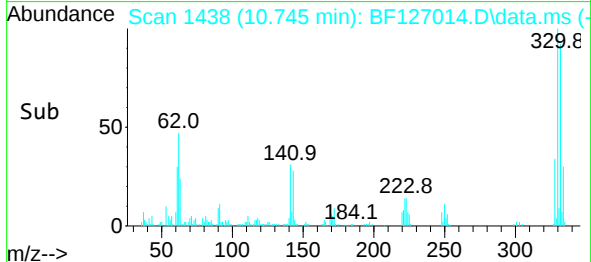
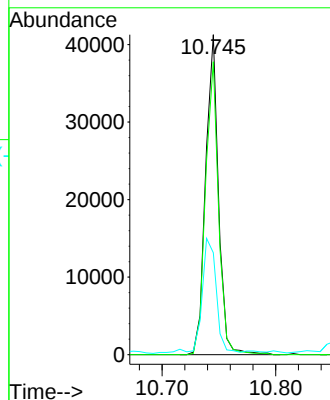
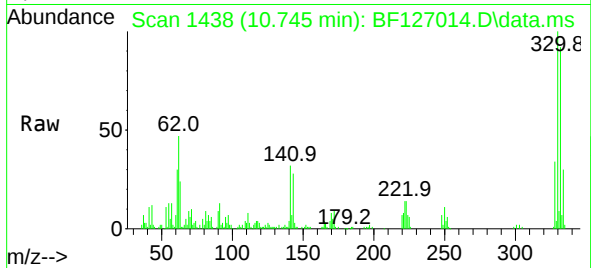
Tgt Ion:330 Resp: 32572

Ion Ratio Lower Upper

330 100

332 92.6 76.0 114.0

141 40.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 96.719 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF127014.D

Acq: 22 Feb 2022 17:52

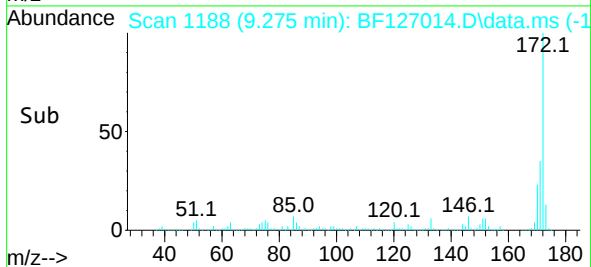
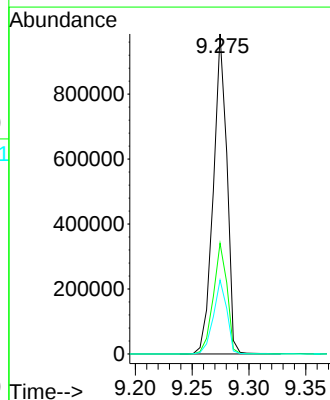
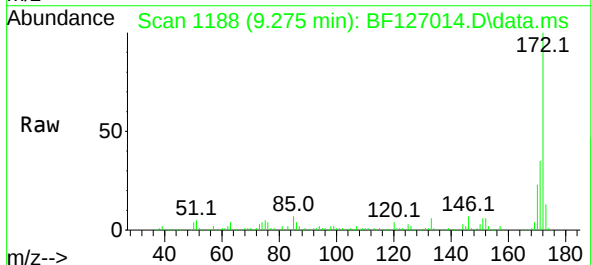
Tgt Ion:172 Resp: 817796

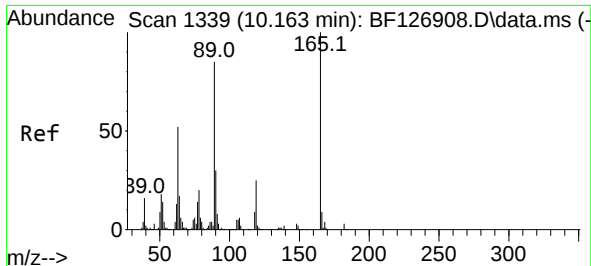
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.1 19.0 28.6

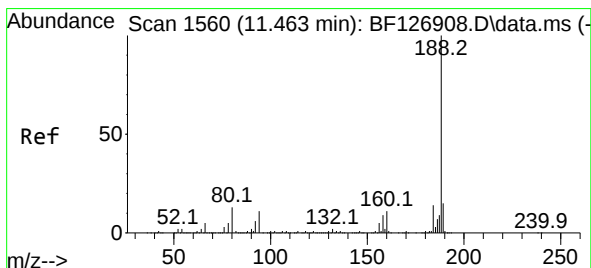
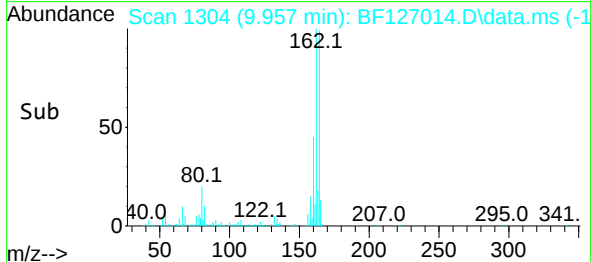
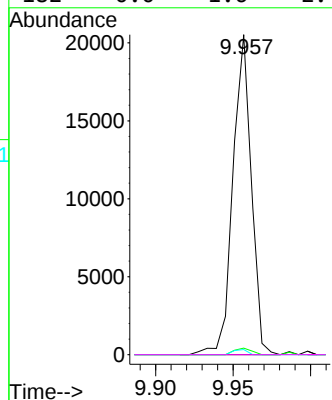
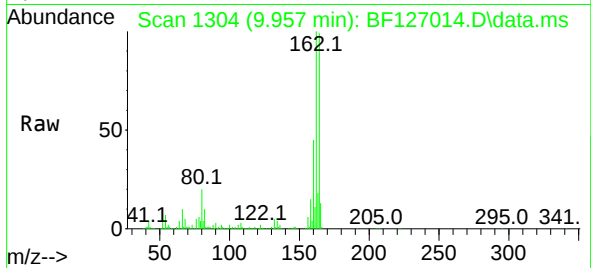




#57
2,4-Dinitrotoluene
Concen: 6.925 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127014.D
Acq: 22 Feb 2022 17:52

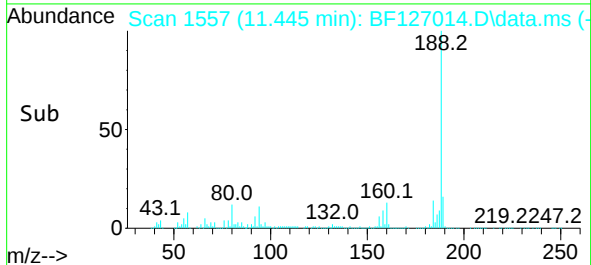
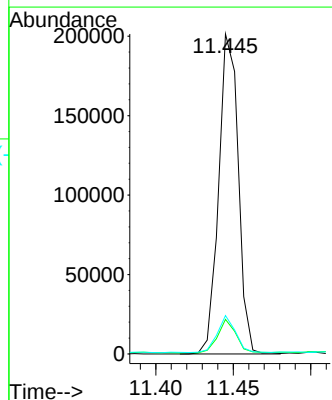
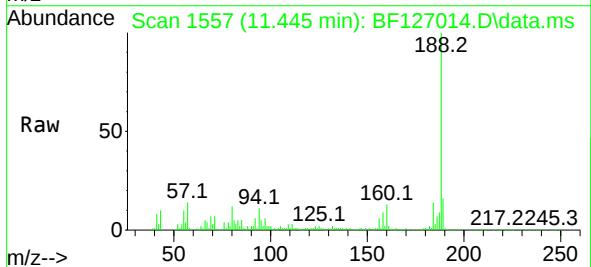
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CC-B4

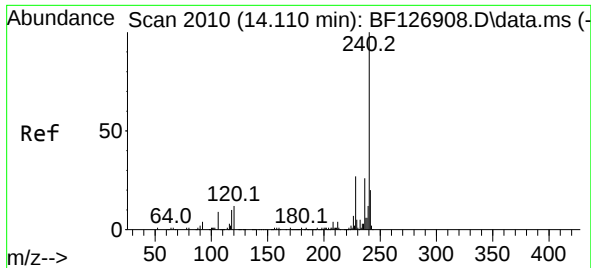
Tgt Ion:165 Resp: 16949
Ion Ratio Lower Upper
165 100
63 2.1 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF127014.D
Acq: 22 Feb 2022 17:52

Tgt Ion:188 Resp: 177162
Ion Ratio Lower Upper
188 100
94 10.8 10.1 15.1
80 12.0 11.8 17.6

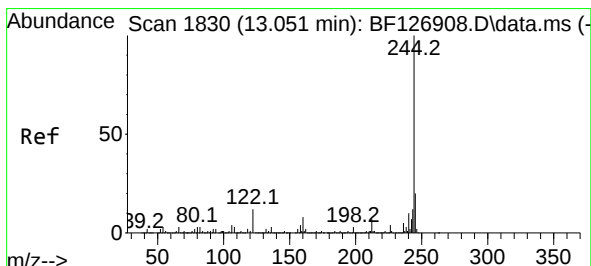
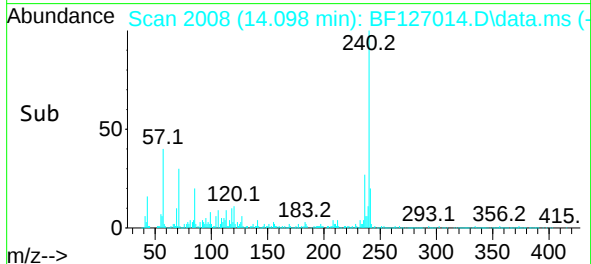
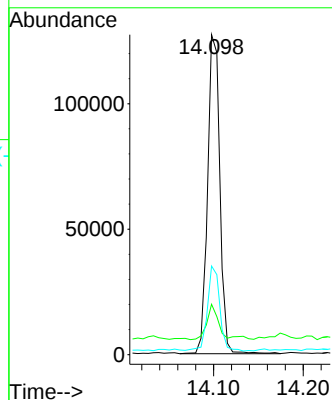
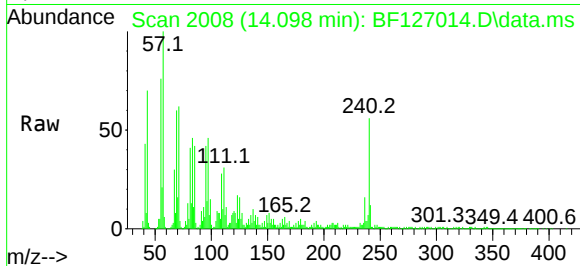




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF127014.D
Acq: 22 Feb 2022 17:52

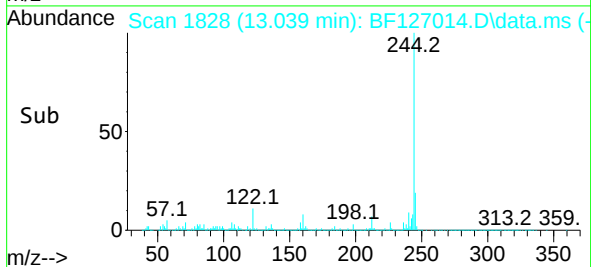
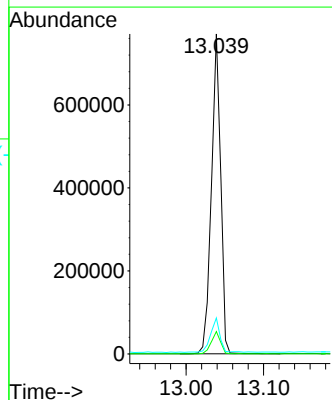
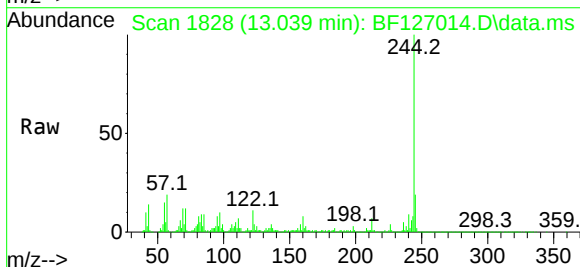
Instrument :
BNA_F
ClientSampleId :
CC-B4

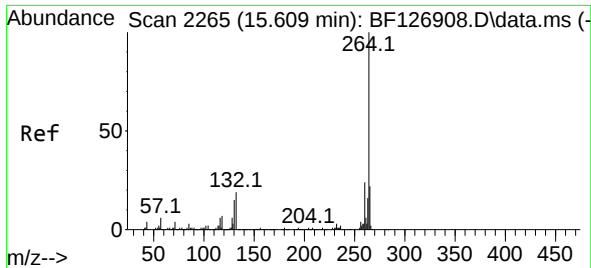
Tgt Ion:240 Resp: 120744
Ion Ratio Lower Upper
240 100
120 15.7 14.4 21.6
236 27.7 20.5 30.7



#79
Terphenyl-d14
Concen: 77.732 ng
RT: 13.039 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF127014.D
Acq: 22 Feb 2022 17:52

Tgt Ion:244 Resp: 638465
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 11.3 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF127014.D
Acq: 22 Feb 2022 17:52

Instrument :
BNA_F
ClientSampleId :
CC-B4

Tgt Ion:264 Resp: 108826
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.0 17.4 26.2

