

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127067.D
 Acq On : 25 Feb 2022 13:17
 Operator : CG\JU
 Sample : PB142924BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142924BL

Quant Time: Feb 26 01:38:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

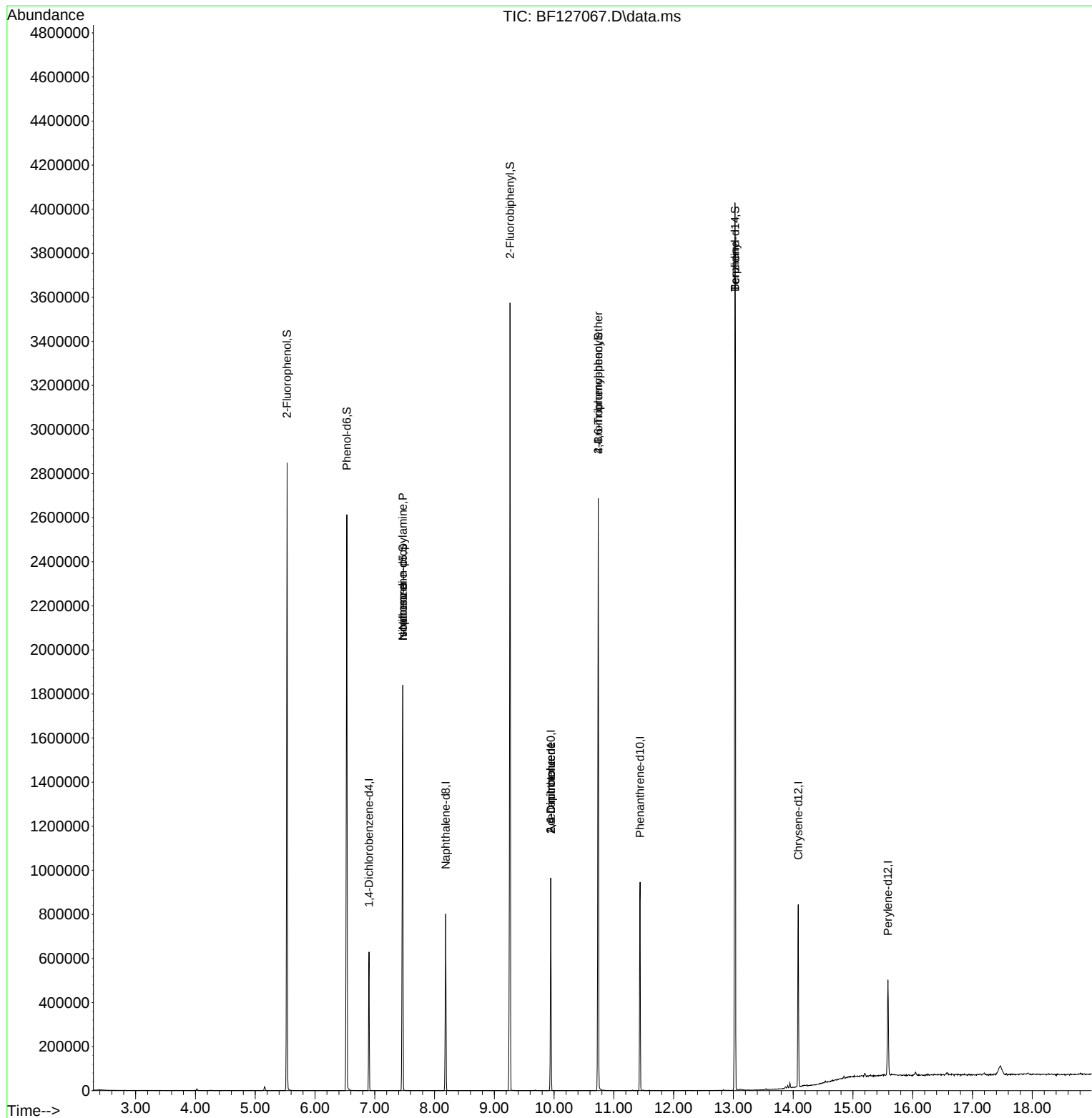
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	79565	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	325232	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	174176	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	326913	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	250491	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	186186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	652251	126.702	ng	0.00
7) Phenol-d6	6.534	99	848499	122.150	ng	0.00
23) Nitrobenzene-d5	7.469	82	624864	86.722	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	299955	149.574	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1071284	90.546	ng	0.00
79) Terphenyl-d14	13.027	244	1433611	84.133	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	86426	19.309	ng	# 80
25) Isophorone	7.469	82	624428	52.372	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	22098	8.724	ng	# 22
57) 2,4-Dinitrotoluene	9.945	165	22098	6.452	ng	# 16
67) 4-Bromophenyl-phenylether	10.739	248	17739	4.857	ng	# 1
77) Benzidine	13.027	184	21335	3.134	ng	# 90

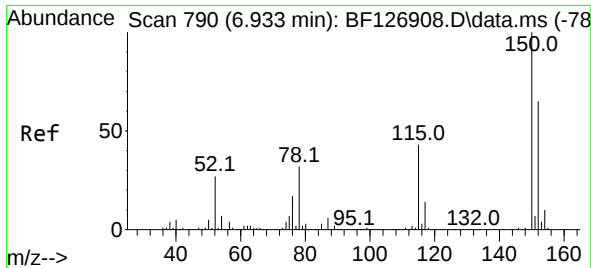
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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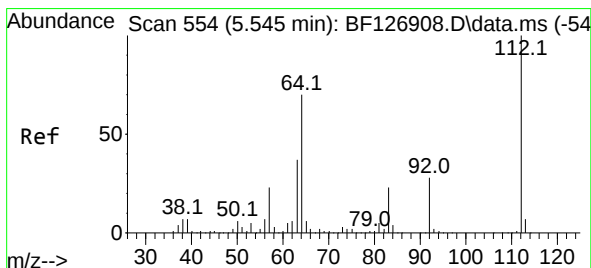
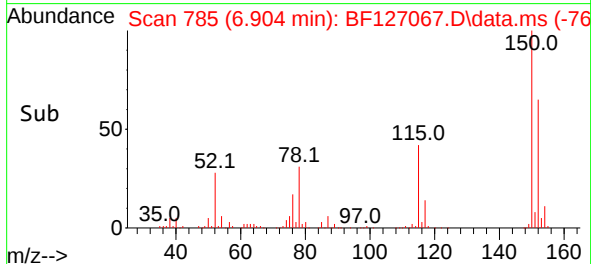
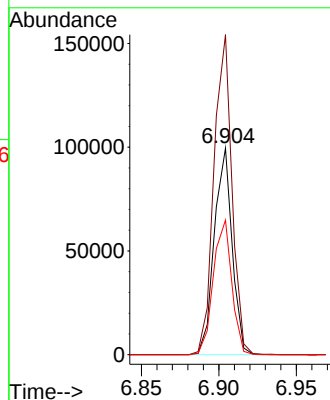
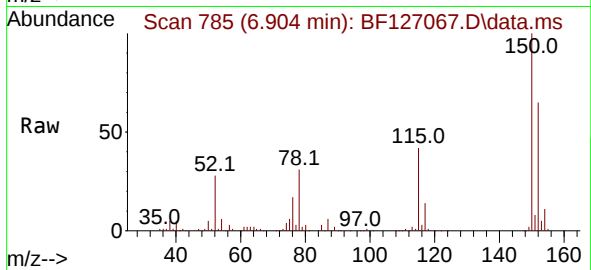




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127067.D
Acq: 25 Feb 2022 13:17

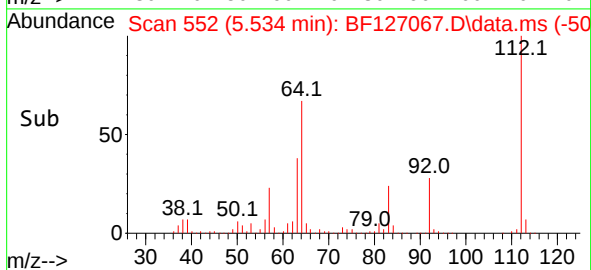
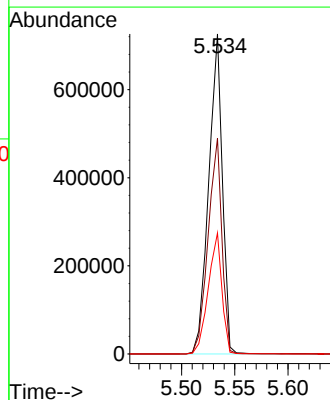
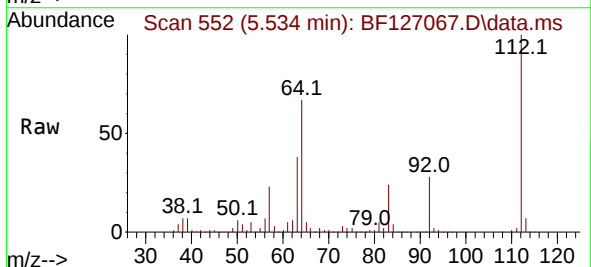
Instrument :
BNA_F
ClientSampleId :
PB142924BL

Tgt Ion:152 Resp: 79565
Ion Ratio Lower Upper
152 100
150 154.9 128.1 192.1
115 65.1 56.7 85.1



#5
2-Fluorophenol
Concen: 126.702 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.006 min
Lab File: BF127067.D
Acq: 25 Feb 2022 13:17

Tgt Ion:112 Resp: 652251
Ion Ratio Lower Upper
112 100
64 67.4 49.5 74.3
63 37.8 23.9 35.9#

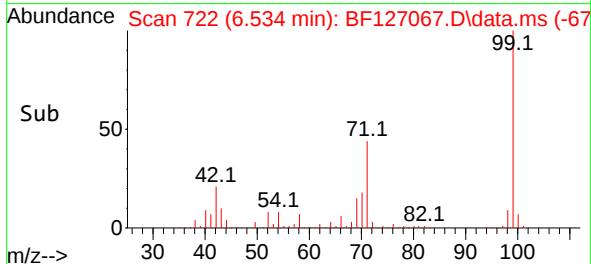
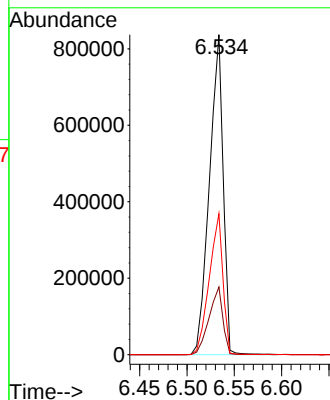
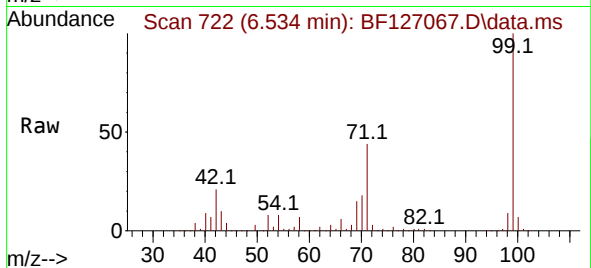




#7
Phenol-d6
Concen: 122.150 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127067.D
Acq: 25 Feb 2022 13:17

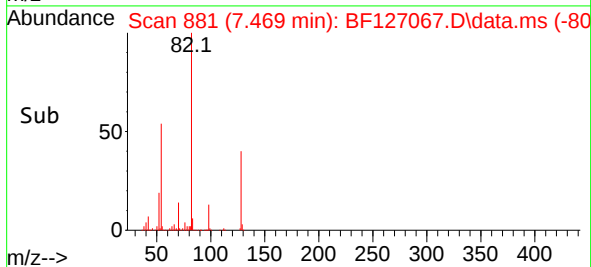
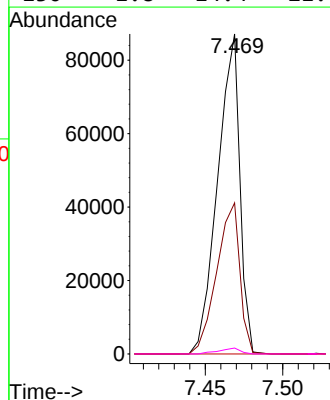
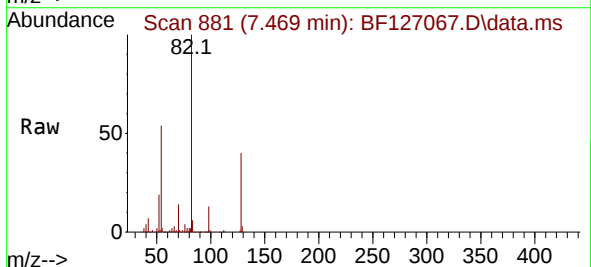
Instrument :
BNA_F
ClientSampleId :
PB142924BL

Tgt Ion: 99 Resp: 848499
Ion Ratio Lower Upper
99 100
42 21.1 14.2 21.4
71 44.1 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 19.309 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.147 min
Lab File: BF127067.D
Acq: 25 Feb 2022 13:17

Tgt Ion: 70 Resp: 86426
Ion Ratio Lower Upper
70 100
42 47.2 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

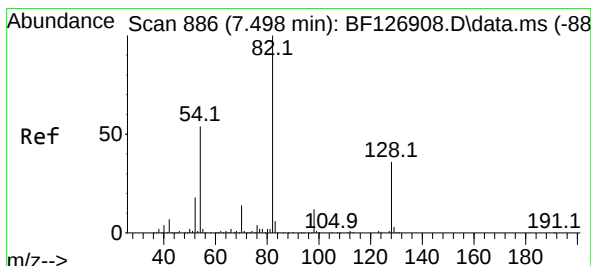
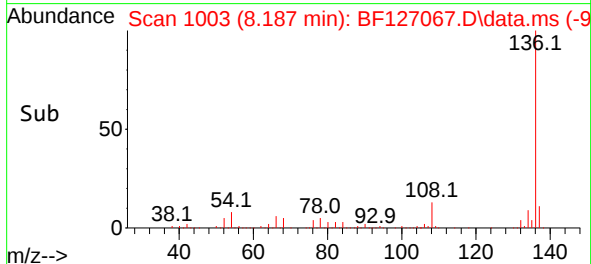
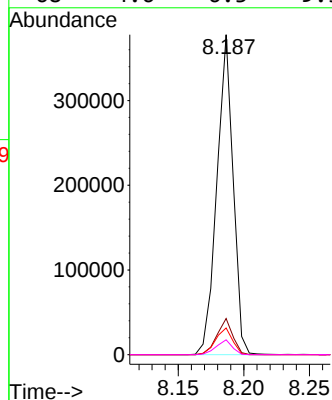
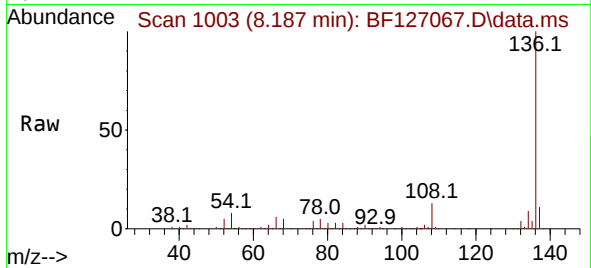




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127067.D
Acq: 25 Feb 2022 13:17

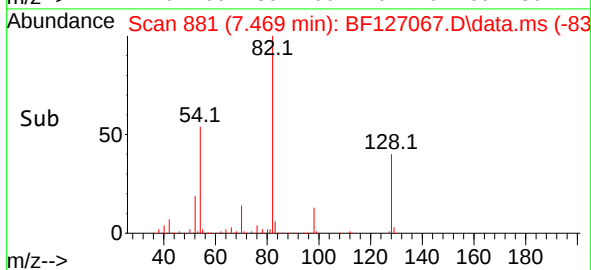
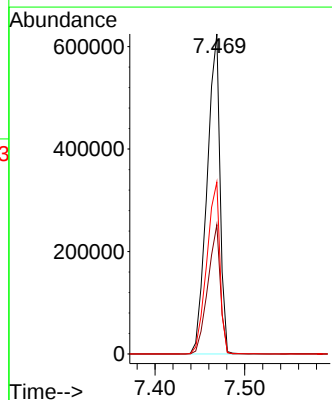
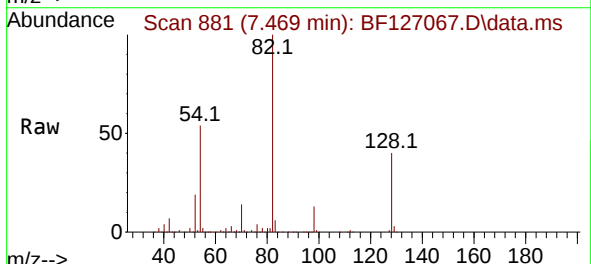
Instrument :
BNA_F
ClientSampleId :
PB142924BL

Tgt Ion:136 Resp: 325232
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.3 7.8 11.6
68 4.6 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 86.722 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF127067.D
Acq: 25 Feb 2022 13:17

Tgt Ion: 82 Resp: 624864
Ion Ratio Lower Upper
82 100
128 40.4 32.7 49.1
54 53.7 41.7 62.5

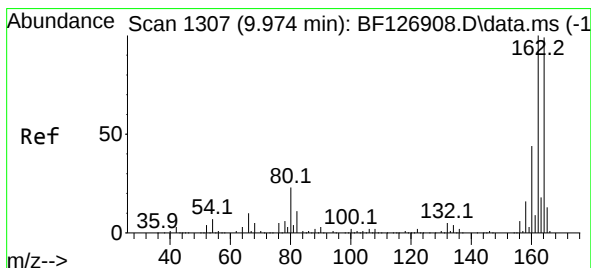
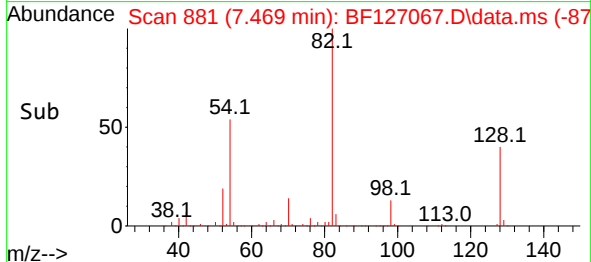
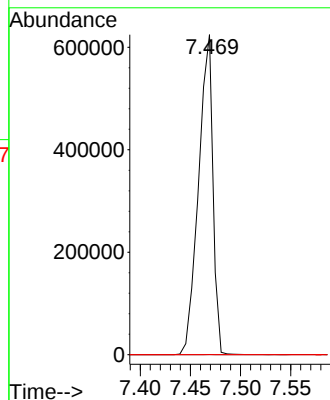
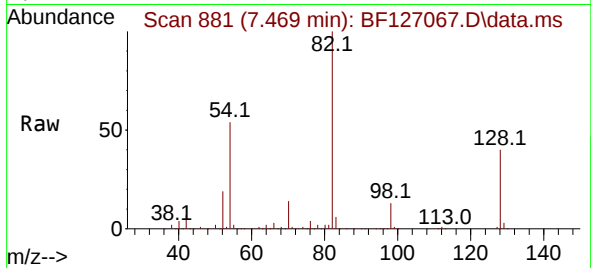




#25
Isophorone
Concen: 52.372 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127067.D
Acq: 25 Feb 2022 13:17

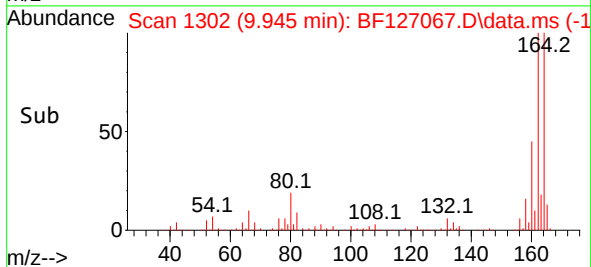
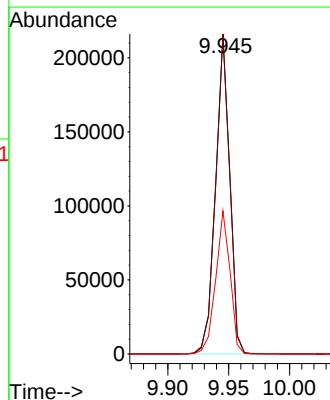
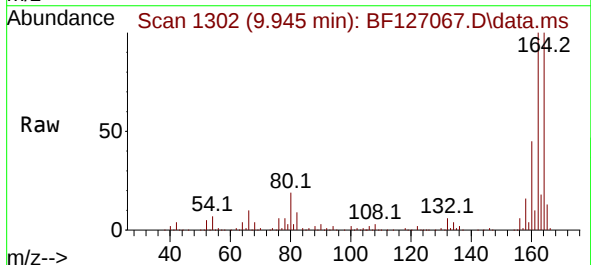
Instrument :
BNA_F
ClientSampleId :
PB142924BL

Tgt Ion: 82 Resp: 624428
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127067.D
Acq: 25 Feb 2022 13:17

Tgt Ion: 164 Resp: 174176
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 44.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 149.574 ng

RT: 10.739 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127067.D

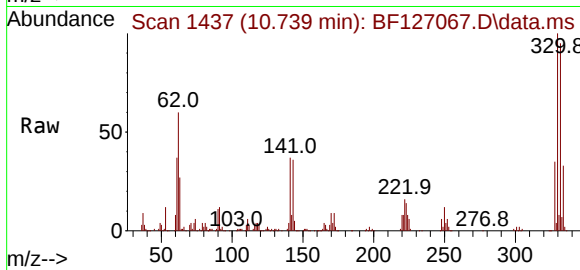
Acq: 25 Feb 2022 13:17

Instrument :

BNA_F

ClientSampleId :

PB142924BL



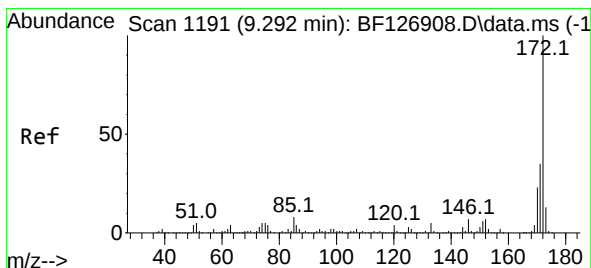
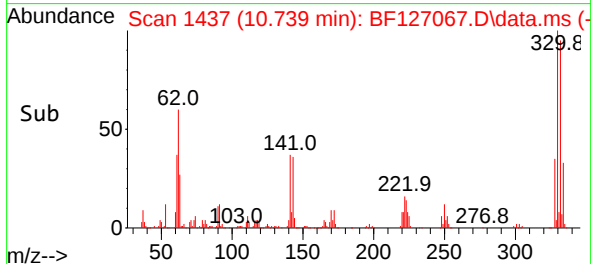
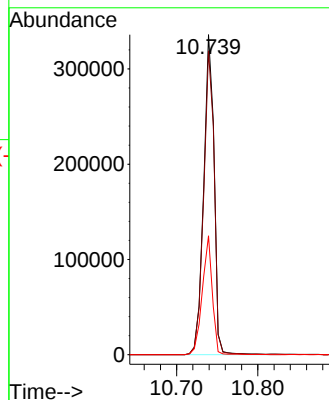
Tgt Ion:330 Resp: 299955

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 35.7 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 90.546 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF127067.D

Acq: 25 Feb 2022 13:17

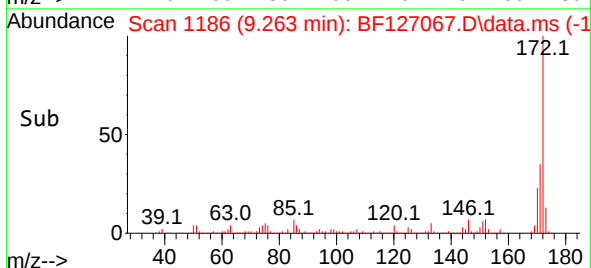
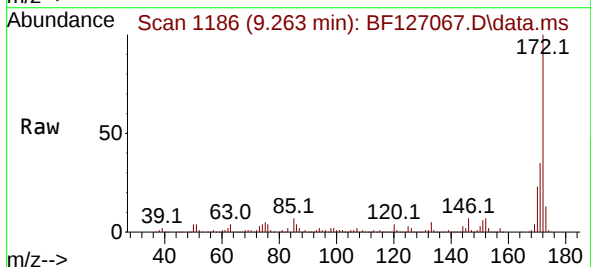
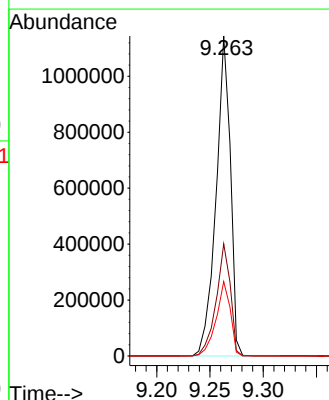
Tgt Ion:172 Resp: 1071284

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.2 19.0 28.6

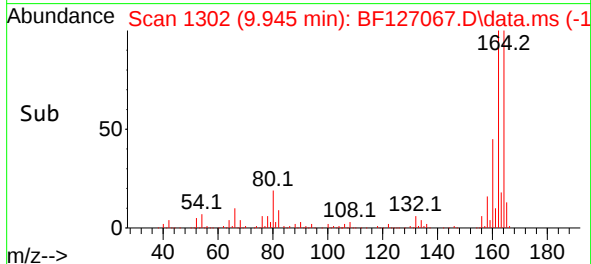
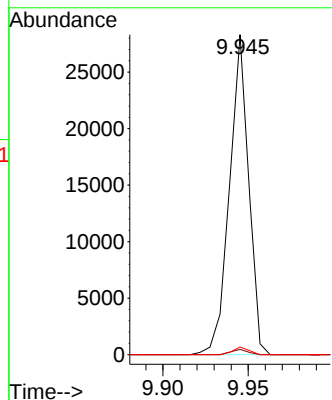
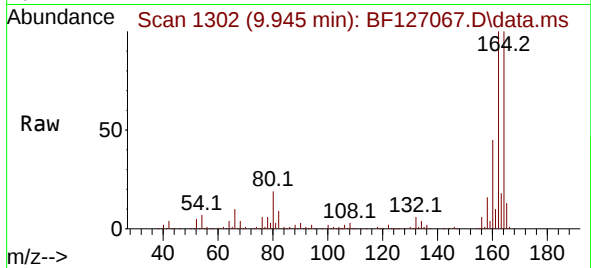




#51
2,6-Dinitrotoluene
Concen: 8.724 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127067.D
Acq: 25 Feb 2022 13:17

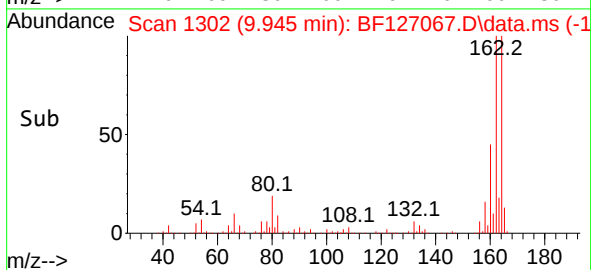
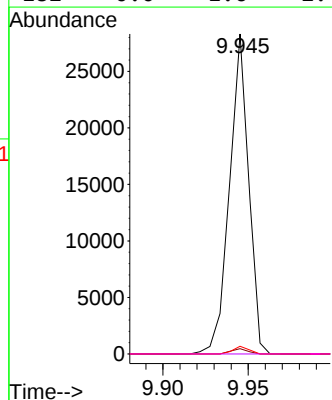
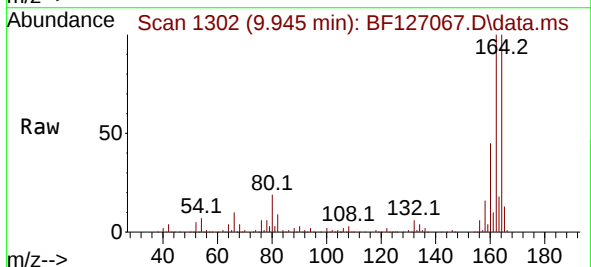
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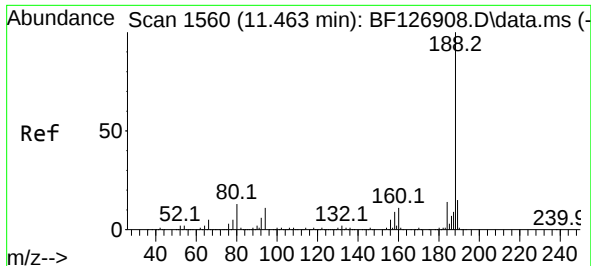
Tgt Ion:165 Resp: 22098
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 2.4 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.452 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.194 min
Lab File: BF127067.D
Acq: 25 Feb 2022 13:17

Tgt Ion:165 Resp: 22098
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 2.4 71.0 106.4#
182 0.0 1.6 2.4#

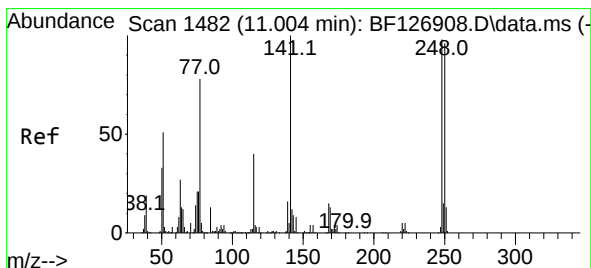
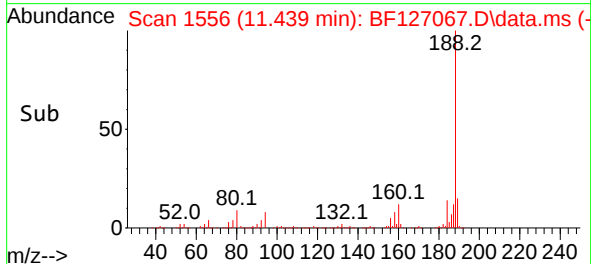
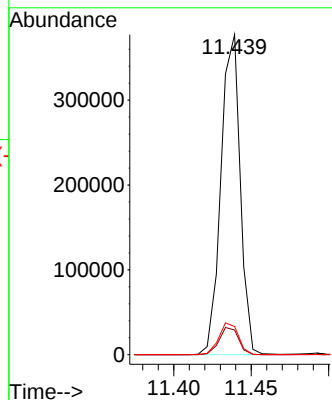
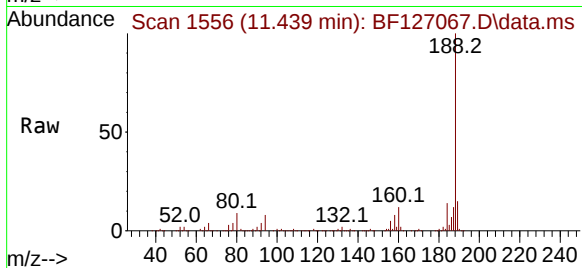




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127067.D
Acq: 25 Feb 2022 13:17

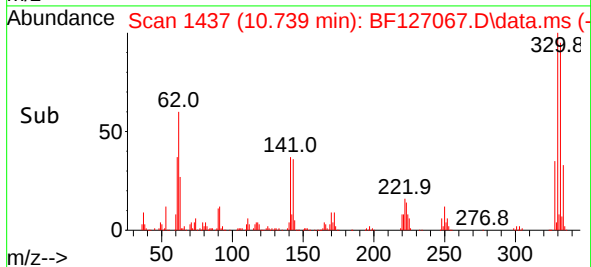
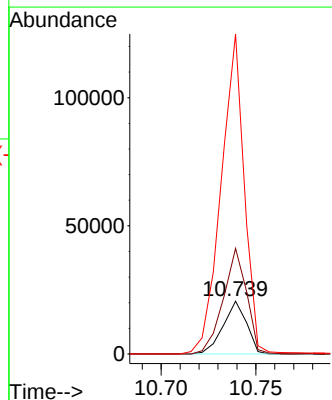
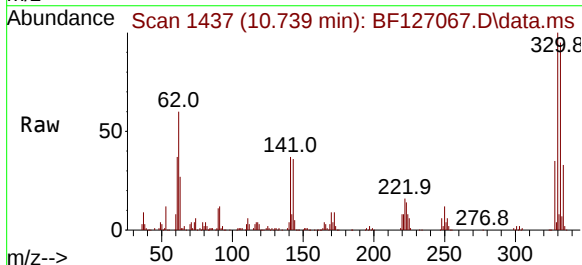
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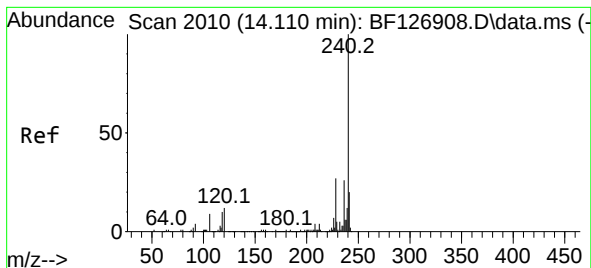
Tgt Ion:188 Resp: 326913
Ion Ratio Lower Upper
188 100
94 7.7 10.1 15.1#
80 8.8 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.857 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF127067.D
Acq: 25 Feb 2022 13:17

Tgt Ion:248 Resp: 17739
Ion Ratio Lower Upper
248 100
250 200.0 76.2 114.4#
141 606.0 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF127067.D

Acq: 25 Feb 2022 13:17

Instrument :

BNA_F

ClientSampleId :

PB142924BL

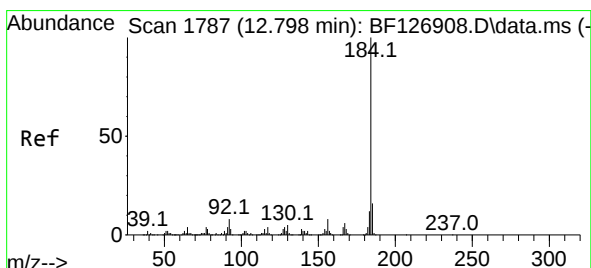
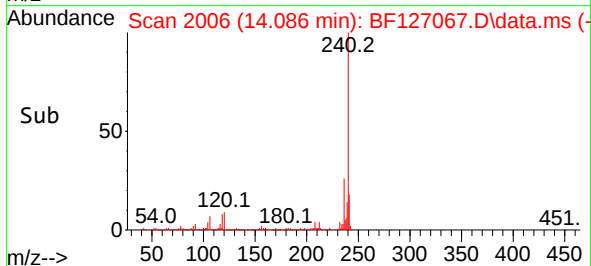
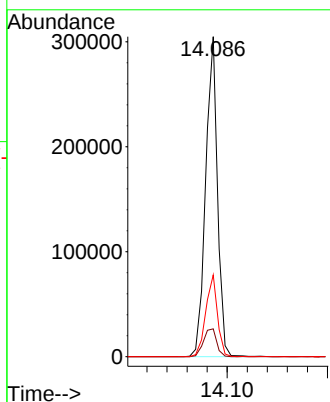
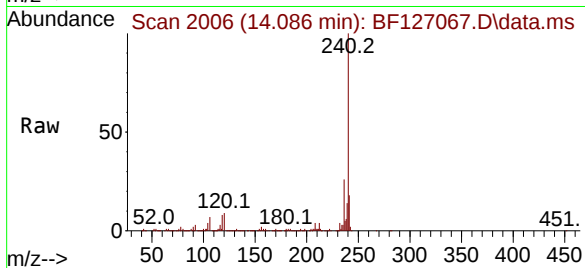
Tgt Ion:240 Resp: 250491

Ion Ratio Lower Upper

240 100

120 8.7 14.4 21.6#

236 25.5 20.5 30.7



#77

Benzidine

Concen: 3.134 ng

RT: 13.027 min Scan# 1826

Delta R.T. 0.253 min

Lab File: BF127067.D

Acq: 25 Feb 2022 13:17

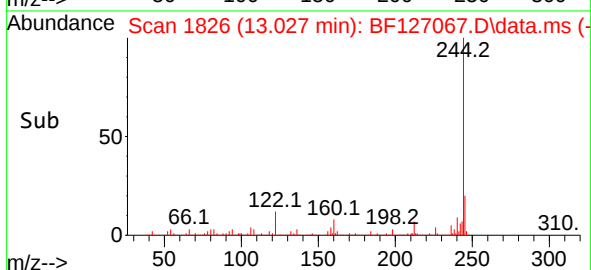
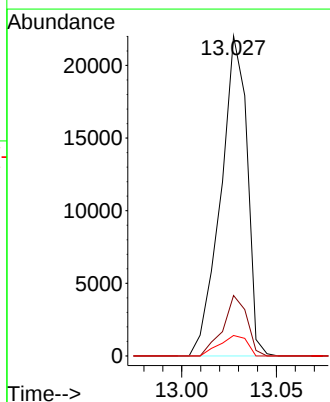
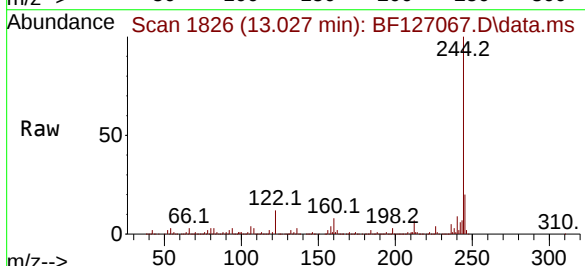
Tgt Ion:184 Resp: 21335

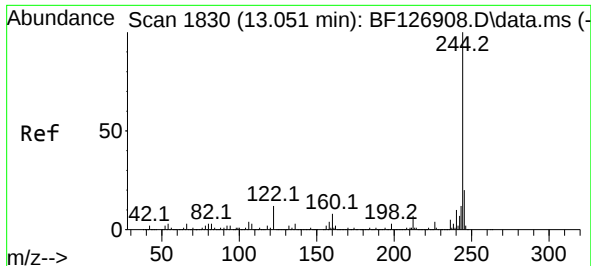
Ion Ratio Lower Upper

184 100

185 18.9 11.8 17.8#

183 6.4 8.2 12.2#

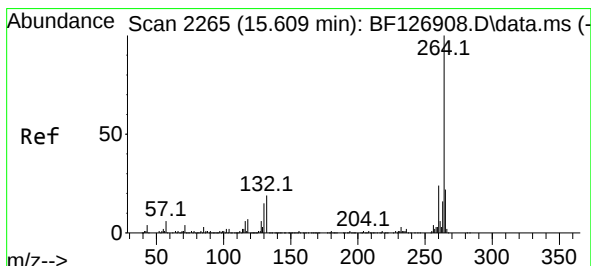
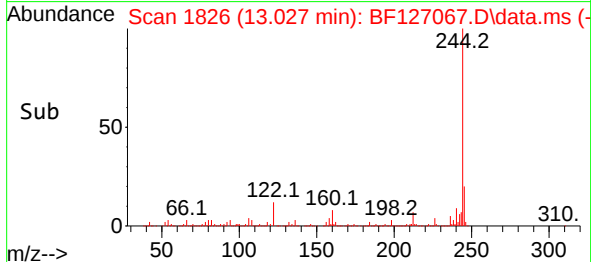
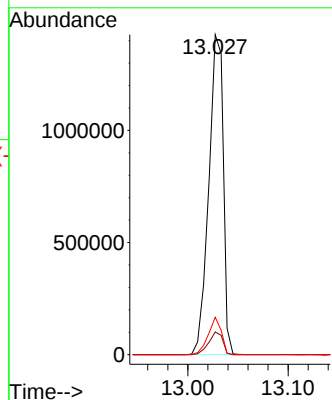
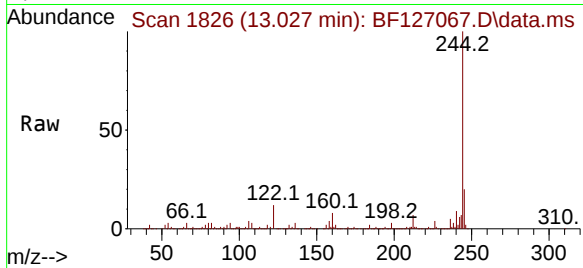




#79
 Terphenyl-d14
 Concen: 84.133 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: BF127067.D
 Acq: 25 Feb 2022 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB142924BL

Tgt Ion:244 Resp: 1433611
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 11.7 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF127067.D
 Acq: 25 Feb 2022 13:17

Tgt Ion:264 Resp: 186186
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.4 17.4 26.2

