

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127011.D
 Acq On : 22 Feb 2022 16:24
 Operator : CG\JU
 Sample : N1626-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-B5

Quant Time: Feb 22 23:58:24 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

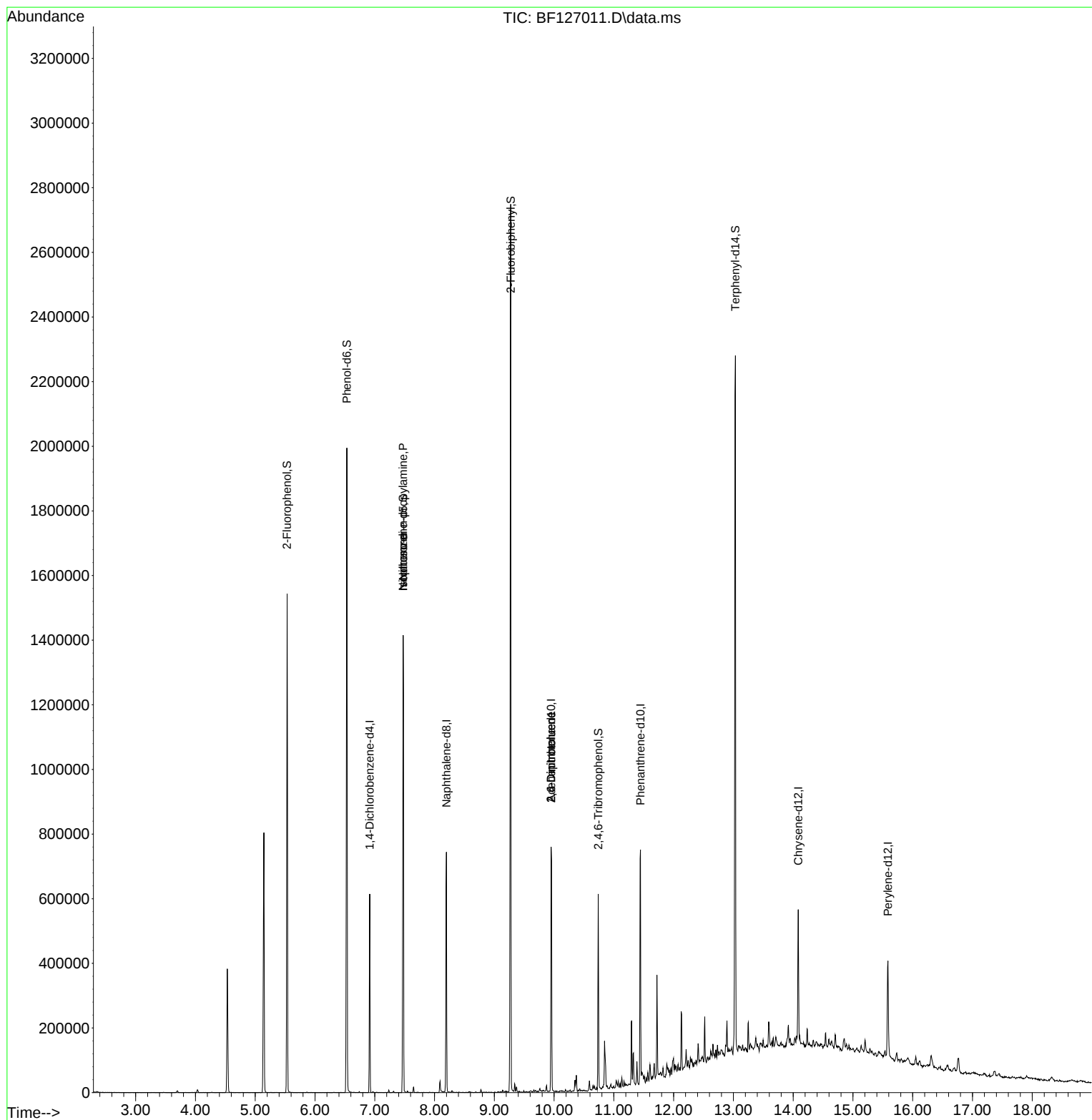
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	74970	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	300929	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	151122	20.000	ng	-0.01
64) Phenanthrene-d10	11.445	188	253446	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	122375	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	130017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	352128	72.594	ng	0.00
7) Phenol-d6	6.534	99	601124	91.842	ng	-0.01
23) Nitrobenzene-d5	7.475	82	479945	71.988	ng	-0.02
42) 2,4,6-Tribromophenol	10.739	330	60316	34.665	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	791080	77.063	ng	0.00
79) Terphenyl-d14	13.033	244	724525	87.034	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	65792	15.600	ng	# 78
25) Isophorone	7.475	82	478701	43.392	ng	# 69
51) 2,6-Dinitrotoluene	9.951	165	19231	8.750	ng	# 22
57) 2,4-Dinitrotoluene	9.951	165	19231	6.472	ng	# 16

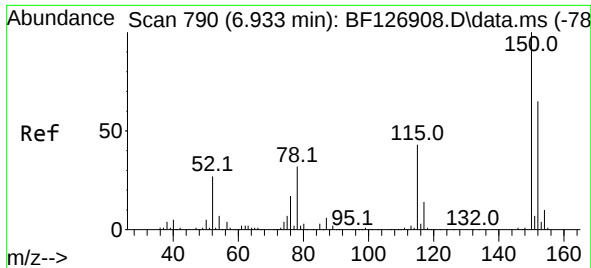
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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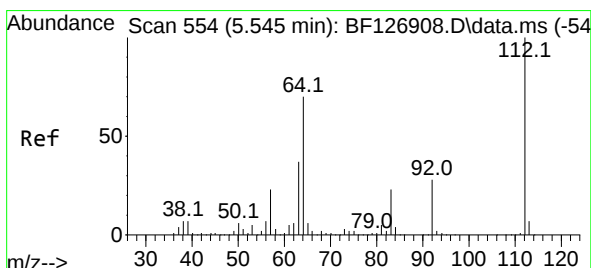
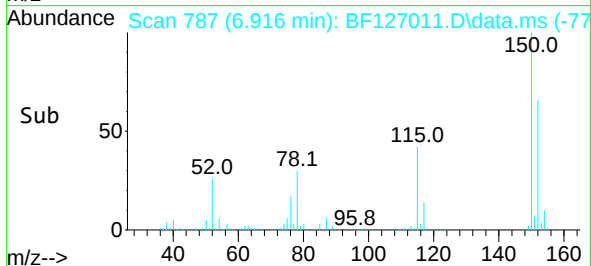
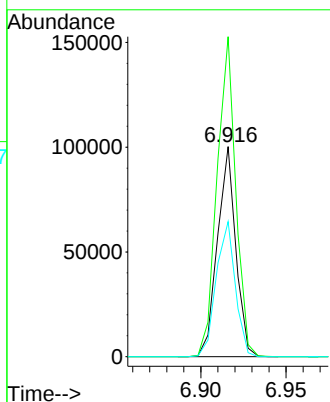
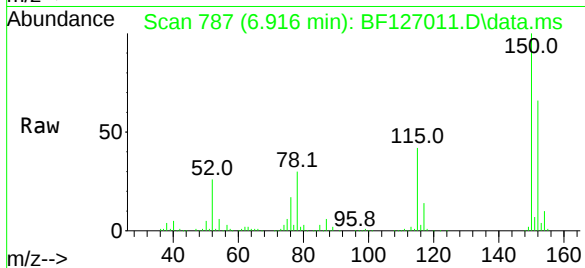




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127011.D
Acq: 22 Feb 2022 16:24

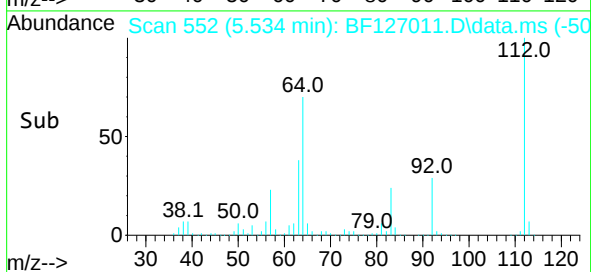
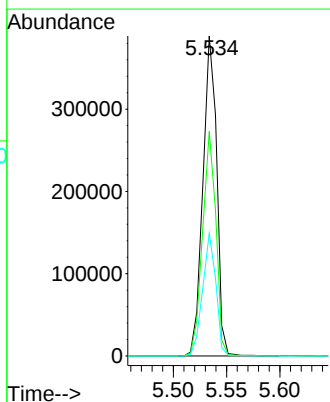
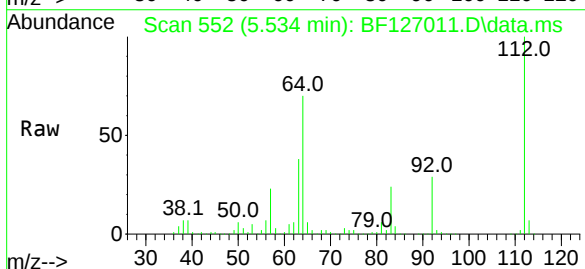
Instrument :
BNA_F
ClientSampleId :
CC-B5

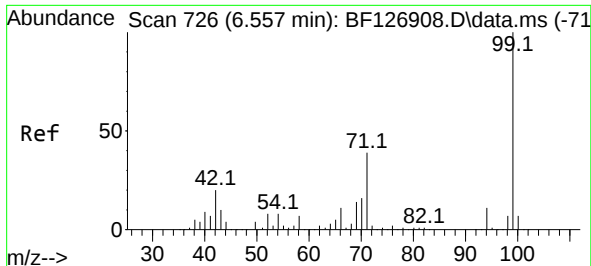
Tgt Ion:152 Resp: 74970
Ion Ratio Lower Upper
152 100
150 152.4 128.1 192.1
115 64.3 56.7 85.1



#5
2-Fluorophenol
Concen: 72.594 ng
RT: 5.534 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF127011.D
Acq: 22 Feb 2022 16:24

Tgt Ion:112 Resp: 352128
Ion Ratio Lower Upper
112 100
64 70.2 49.5 74.3
63 38.4 23.9 35.9#

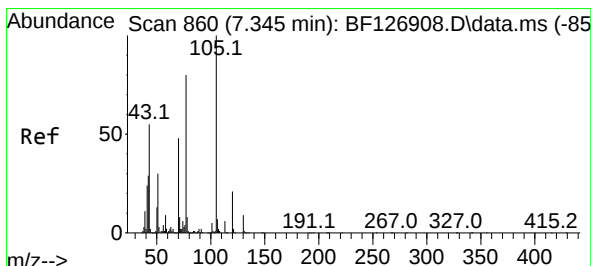
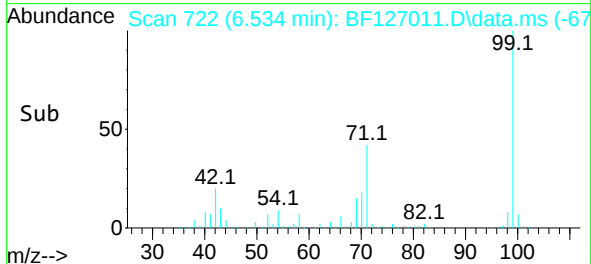
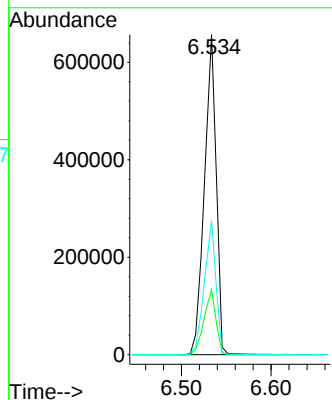
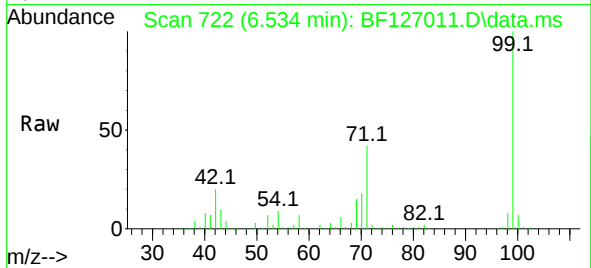




#7
Phenol-d6
Concen: 91.842 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127011.D
Acq: 22 Feb 2022 16:24

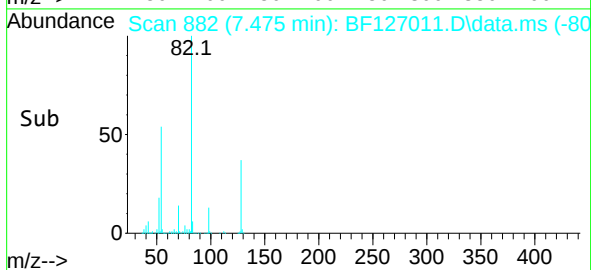
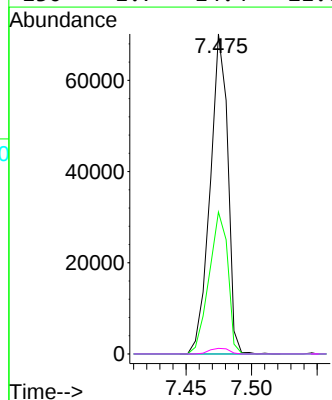
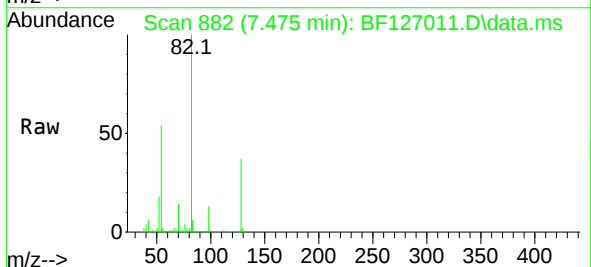
Instrument :
BNA_F
ClientSampleId :
CC-B5

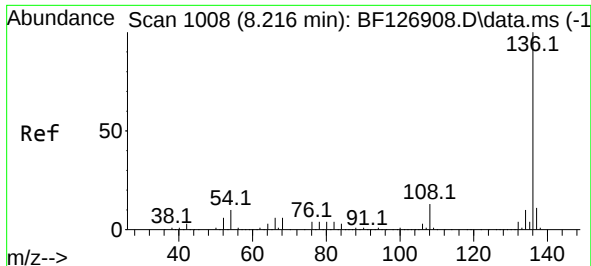
Tgt Ion: 99 Resp: 601124
Ion Ratio Lower Upper
99 100
42 20.4 14.2 21.4
71 41.9 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 15.600 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.141 min
Lab File: BF127011.D
Acq: 22 Feb 2022 16:24

Tgt Ion: 70 Resp: 65792
Ion Ratio Lower Upper
70 100
42 44.3 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

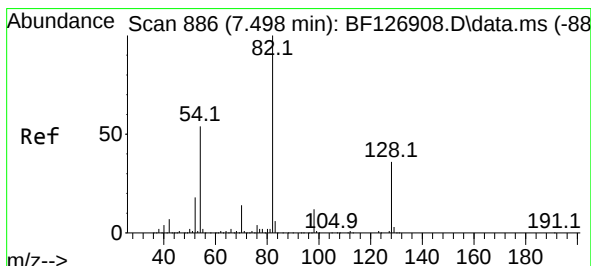
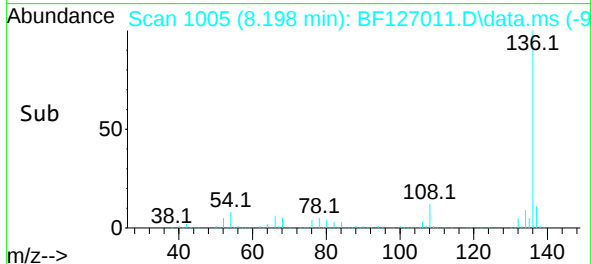
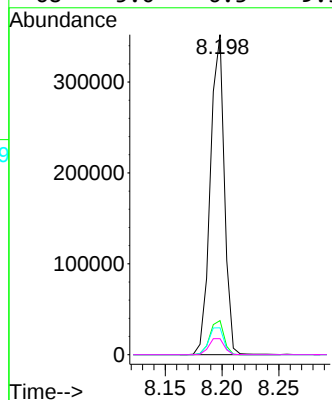
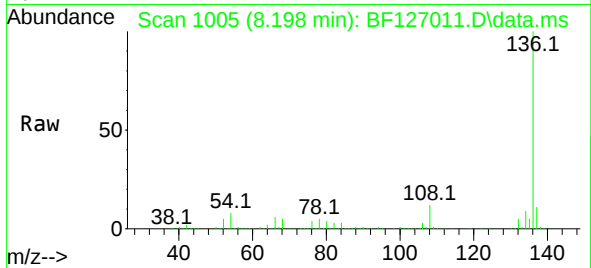




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127011.D
Acq: 22 Feb 2022 16:24

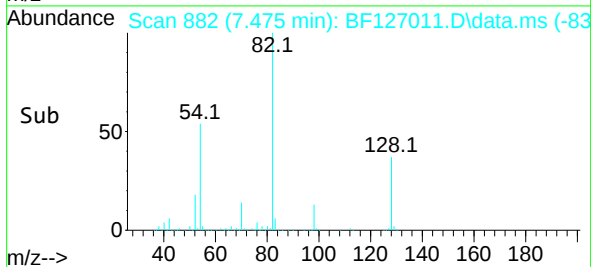
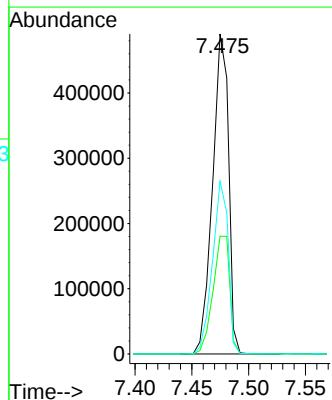
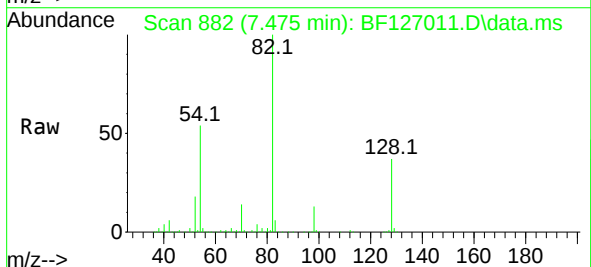
Instrument :
BNA_F
ClientSampleId :
CC-B5

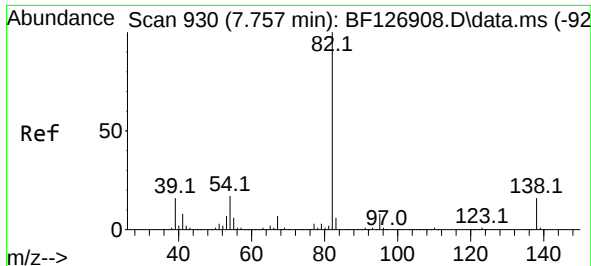
Tgt Ion:136 Resp: 300929
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.4 7.8 11.6
68 5.0 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 71.988 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.018 min
Lab File: BF127011.D
Acq: 22 Feb 2022 16:24

Tgt Ion: 82 Resp: 479945
Ion Ratio Lower Upper
82 100
128 36.8 32.7 49.1
54 54.0 41.7 62.5

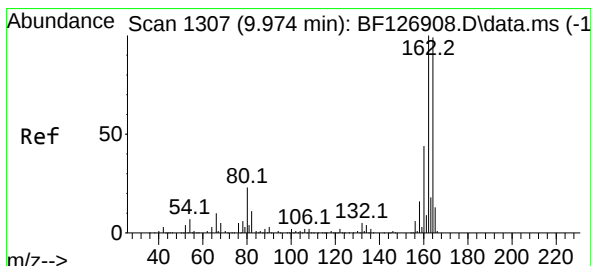
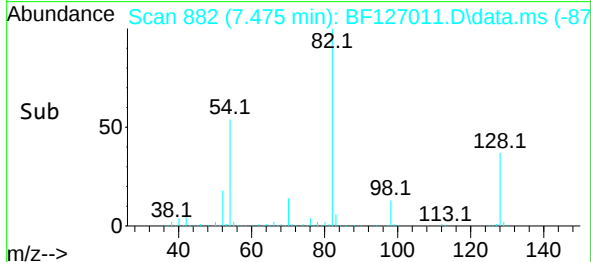
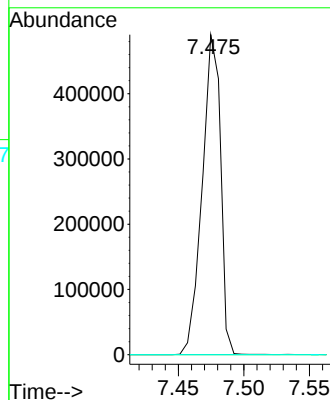
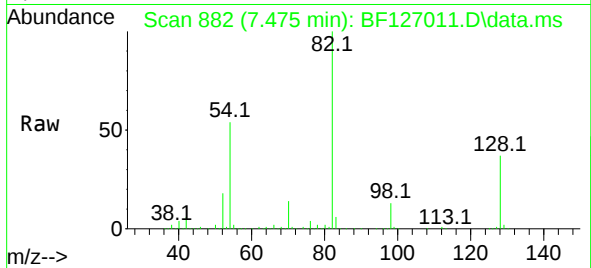




#25
Isophorone
Concen: 43.392 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF127011.D
Acq: 22 Feb 2022 16:24

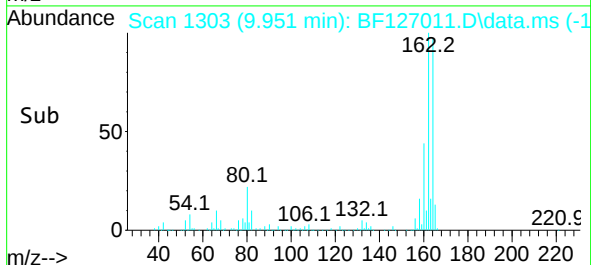
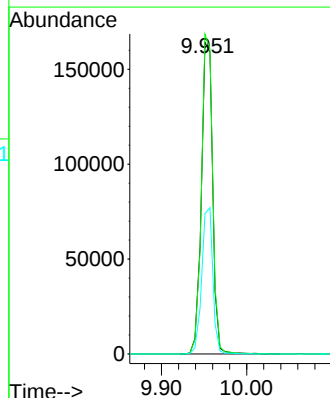
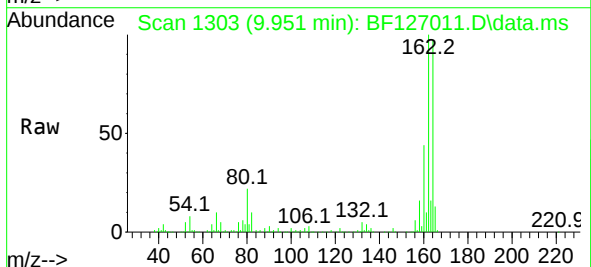
Instrument :
BNA_F
ClientSampleId :
CC-B5

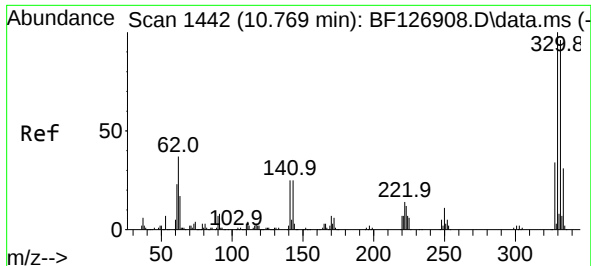
Tgt Ion: 82 Resp: 478701
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF127011.D
Acq: 22 Feb 2022 16:24

Tgt Ion:164 Resp: 151122
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 45.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 34.665 ng

RT: 10.739 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127011.D

Acq: 22 Feb 2022 16:24

Instrument :

BNA_F

ClientSampleId :

CC-B5

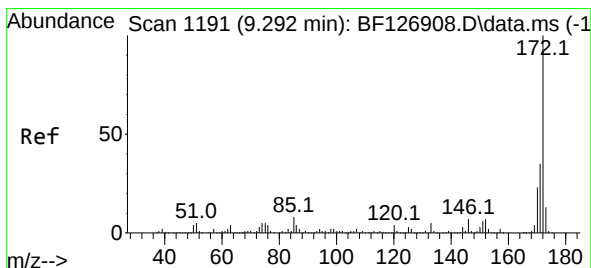
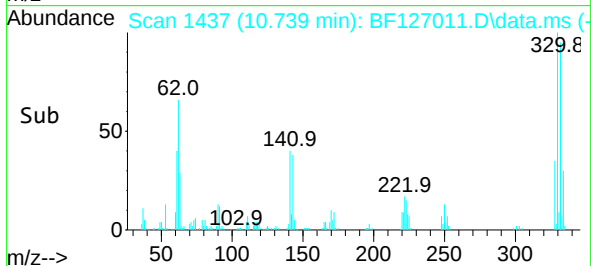
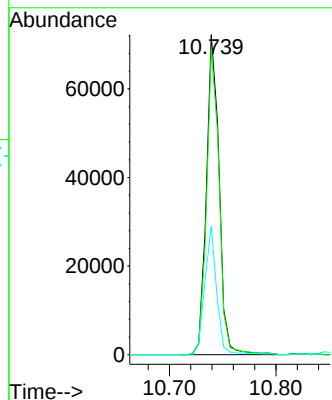
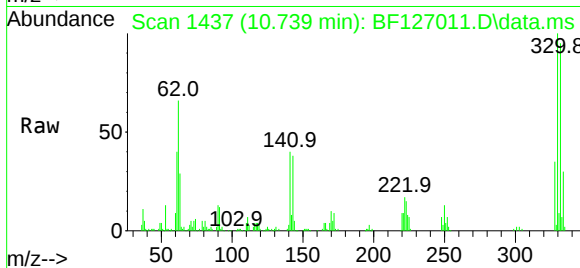
Tgt Ion:330 Resp: 60316

Ion Ratio Lower Upper

330 100

332 94.0 76.0 114.0

141 38.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 77.063 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF127011.D

Acq: 22 Feb 2022 16:24

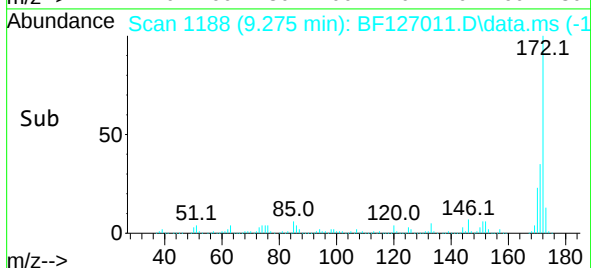
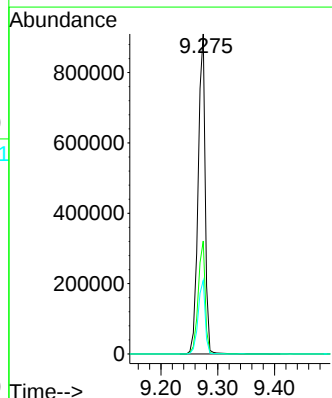
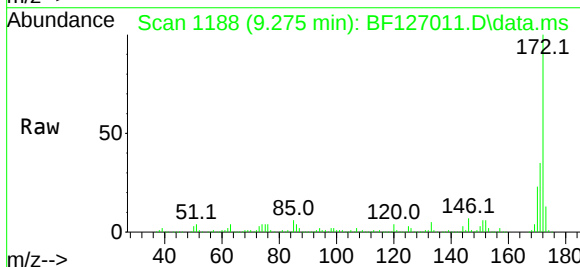
Tgt Ion:172 Resp: 791080

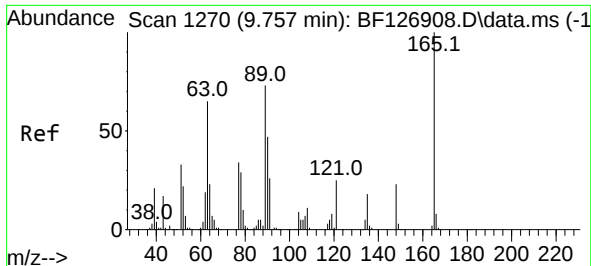
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.0 19.0 28.6

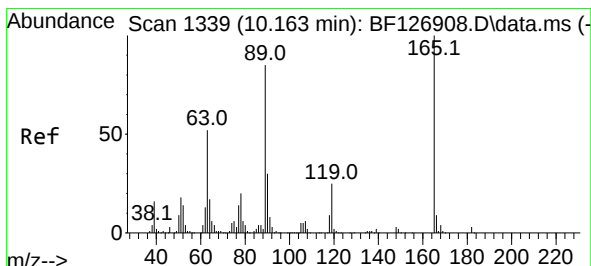
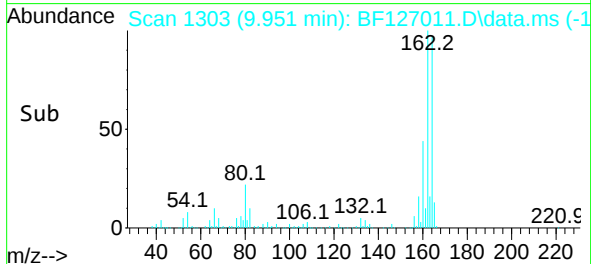
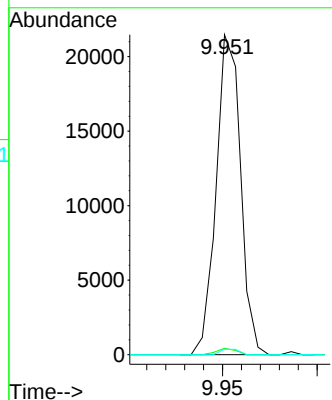
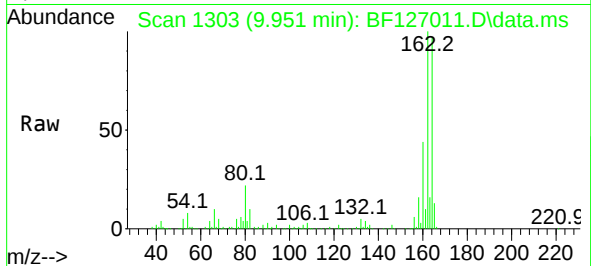




#51
2,6-Dinitrotoluene
Concen: 8.750 ng
RT: 9.951 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127011.D
Acq: 22 Feb 2022 16:24

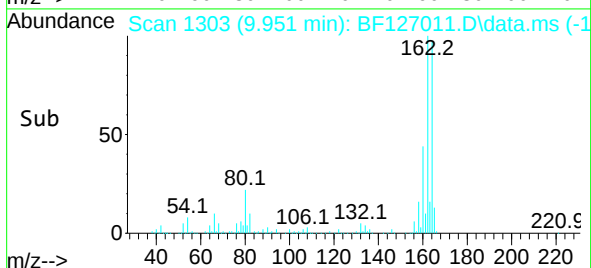
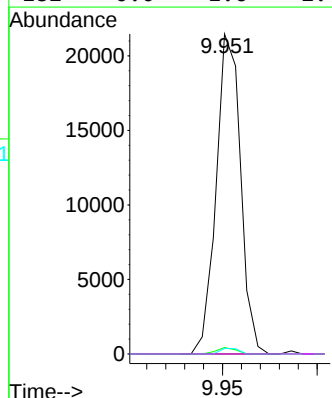
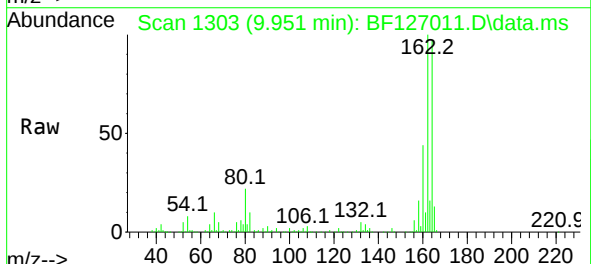
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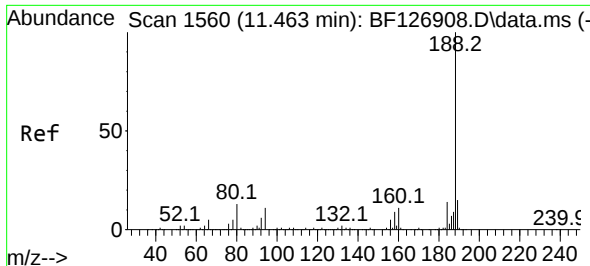
Tgt Ion:165 Resp: 19231
Ion Ratio Lower Upper
165 100
63 2.0 48.4 72.6#
89 1.7 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.472 ng
RT: 9.951 min Scan# 1303
Delta R.T. -0.200 min
Lab File: BF127011.D
Acq: 22 Feb 2022 16:24

Tgt Ion:165 Resp: 19231
Ion Ratio Lower Upper
165 100
63 2.0 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#

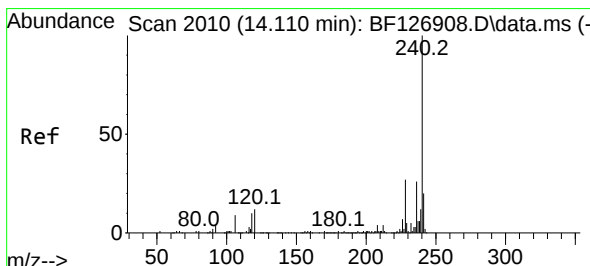
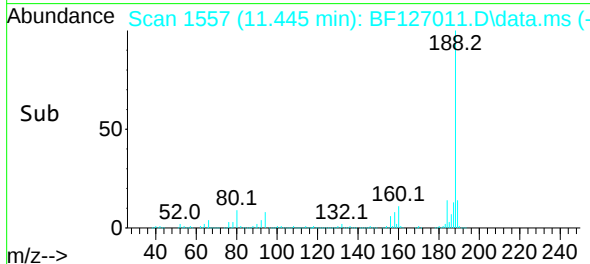
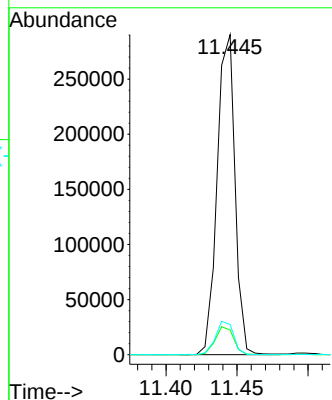
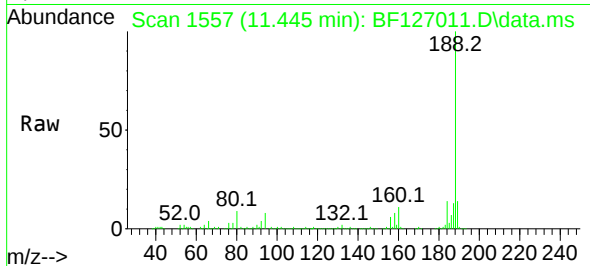




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127011.D
Acq: 22 Feb 2022 16:24

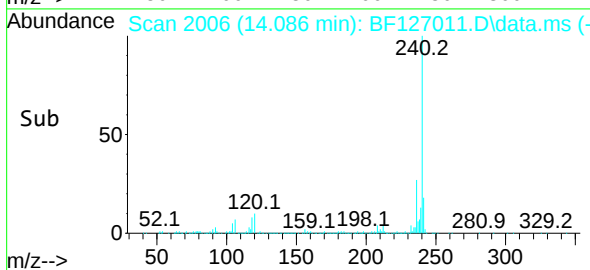
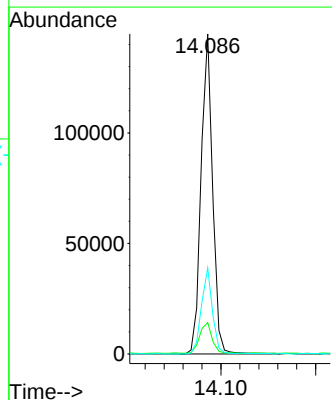
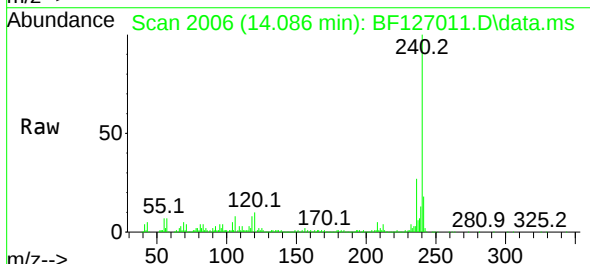
Instrument :
BNA_F
ClientSampleId :
CC-B5

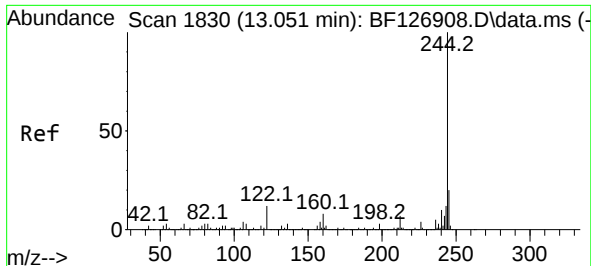
Tgt Ion:188 Resp: 253446
Ion Ratio Lower Upper
188 100
94 7.7 10.1 15.1#
80 9.5 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF127011.D
Acq: 22 Feb 2022 16:24

Tgt Ion:240 Resp: 122375
Ion Ratio Lower Upper
240 100
120 9.8 14.4 21.6#
236 26.9 20.5 30.7

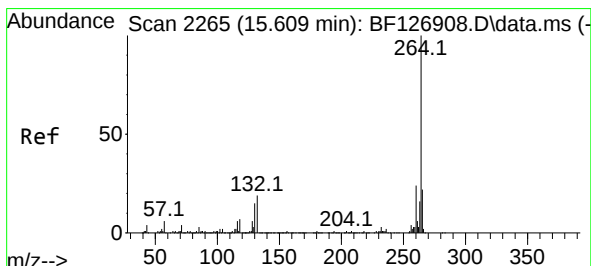
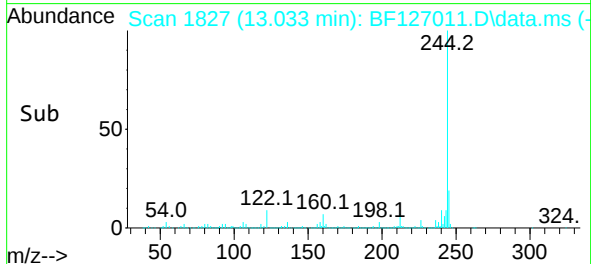
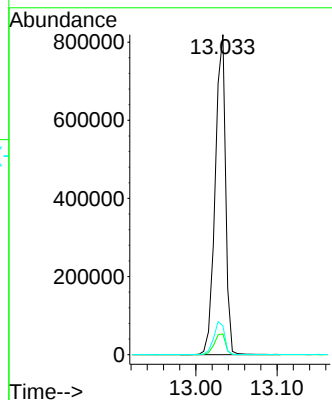
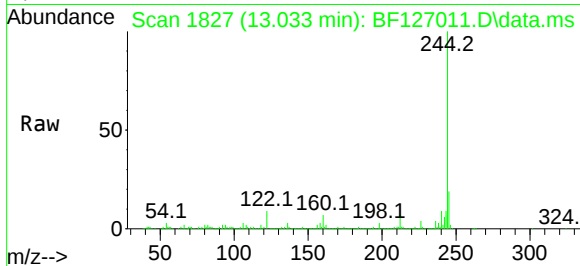




#79
 Terphenyl-d14
 Concen: 87.034 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127011.D
 Acq: 22 Feb 2022 16:24

Instrument :
 BNA_F
 ClientSampleId :
 CC-B5

Tgt Ion:244 Resp: 724525
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 9.0 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF127011.D
 Acq: 22 Feb 2022 16:24

Tgt Ion:264 Resp: 130017
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.5 17.4 26.2

