

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126952.D
 Acq On : 18 Feb 2022 14:50
 Operator : CG\JU
 Sample : N1582-02DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWDL

Quant Time: Feb 18 16:18:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

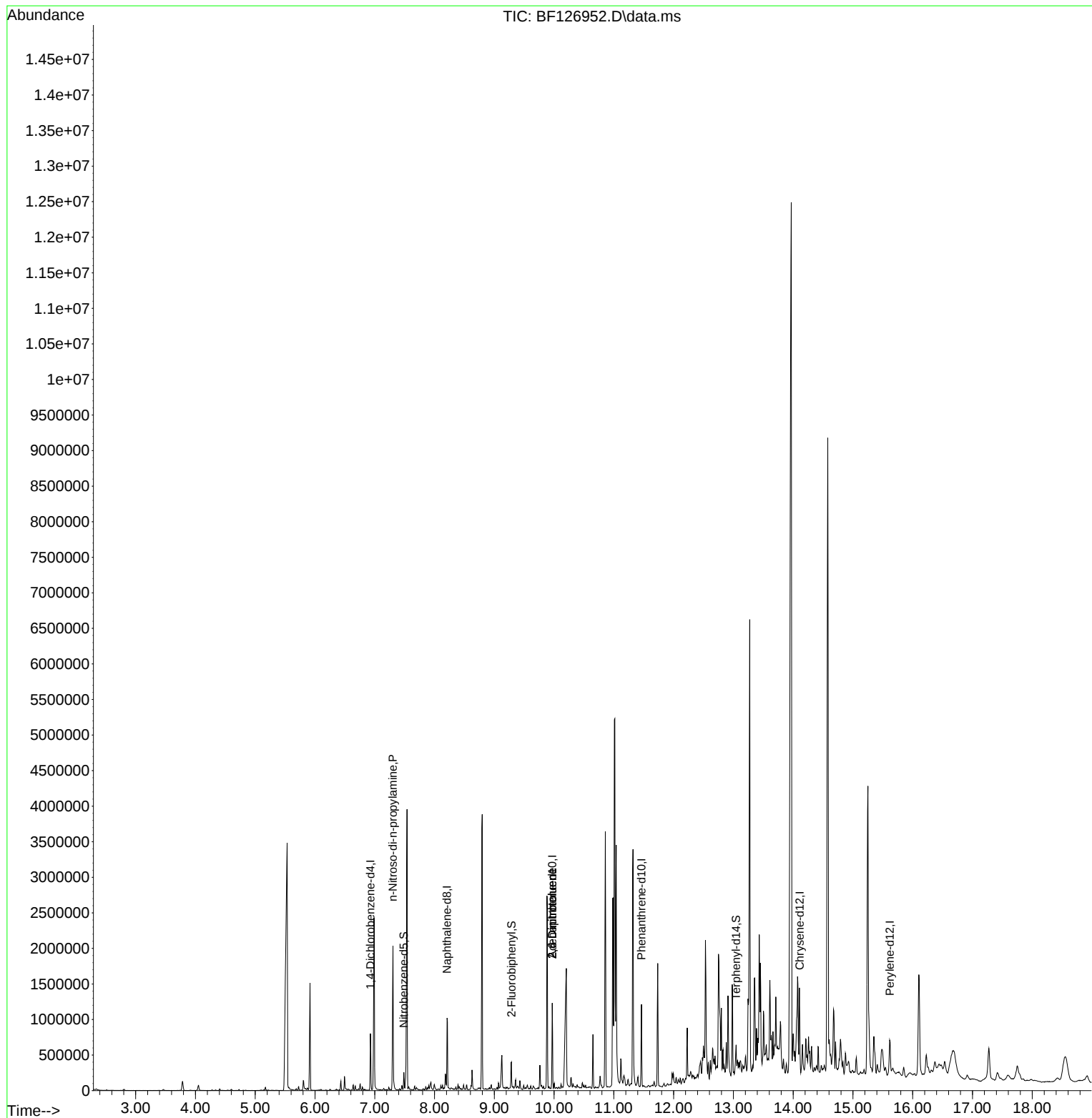
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	100785	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	411649	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	205894	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	348067	20.000	ng	# 0.00
76) Chrysene-d12	14.109	240	154804	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	174398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	2342	0.359	ng	0.02
7) Phenol-d6	6.551	99	3776	0.429	ng	0.00
23) Nitrobenzene-d5	7.486	82	65581	7.191	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	2136	0.901	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	99332	7.102	ng	0.00
79) Terphenyl-d14	13.045	244	96776	9.190	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	133007	23.459	ng	# 65
51) 2,6-Dinitrotoluene	9.969	165	26901	8.984	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	26901	6.645	ng	# 15

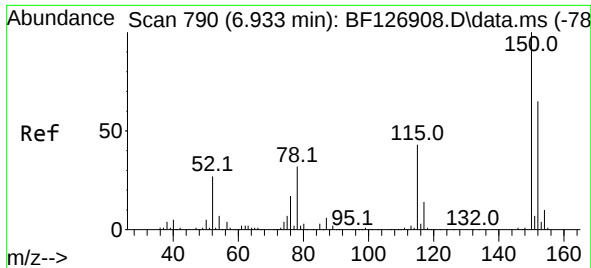
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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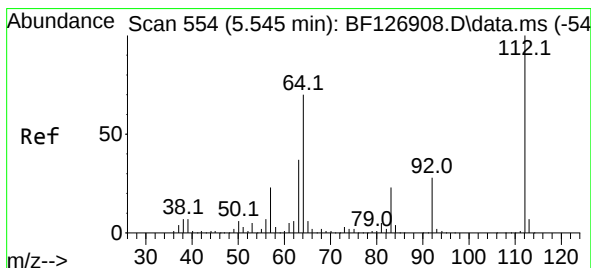
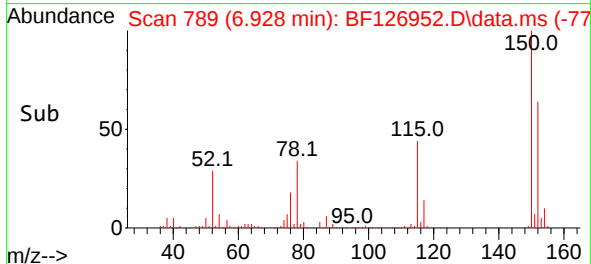
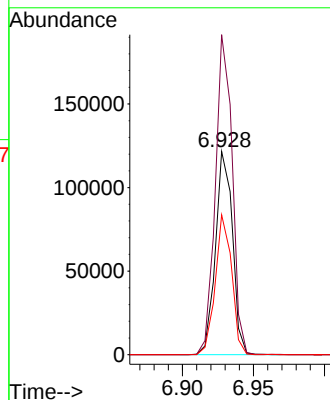
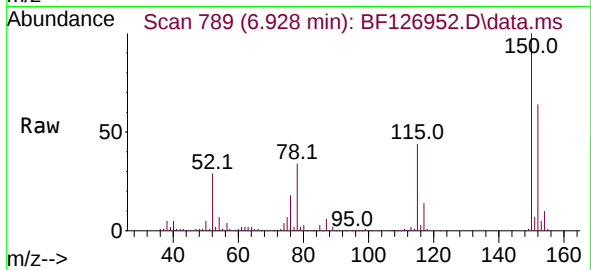




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

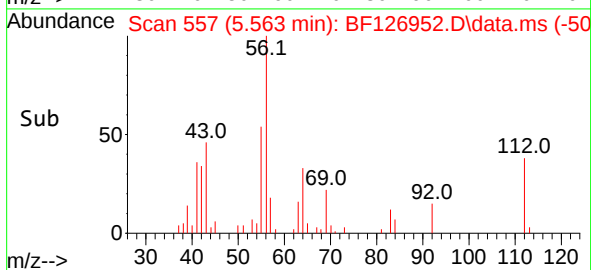
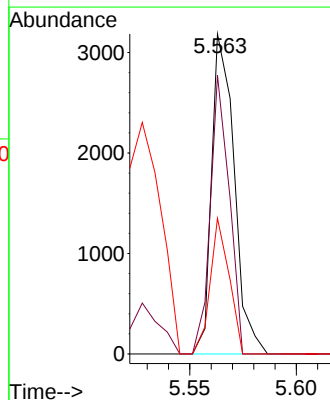
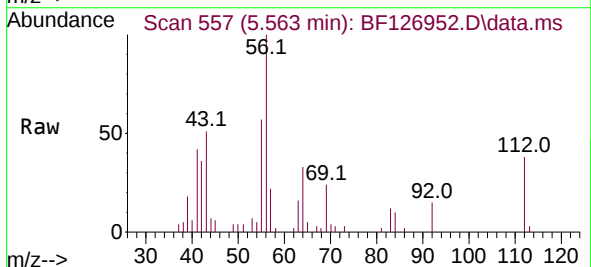
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

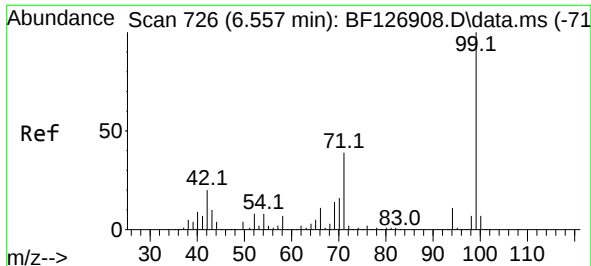
Tgt Ion:152 Resp: 100785
Ion Ratio Lower Upper
152 100
150 157.5 128.1 192.1
115 68.8 56.7 85.1



#5
2-Fluorophenol
Concen: 0.359 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.018 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:112 Resp: 2342
Ion Ratio Lower Upper
112 100
64 87.1 49.5 74.3#
63 42.4 23.9 35.9#

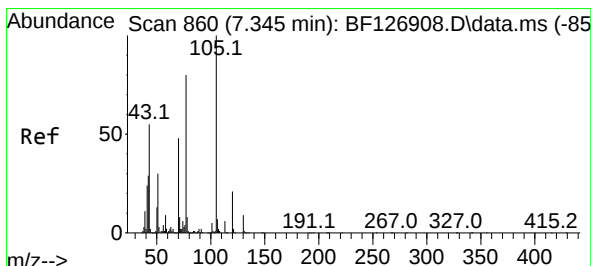
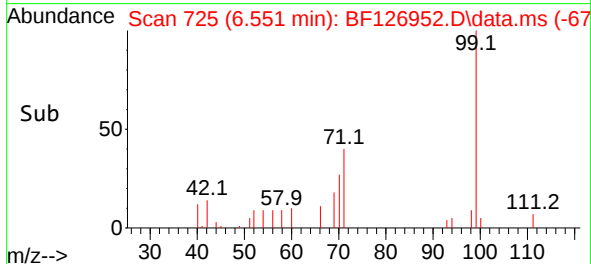
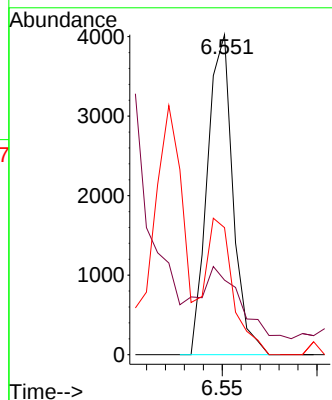
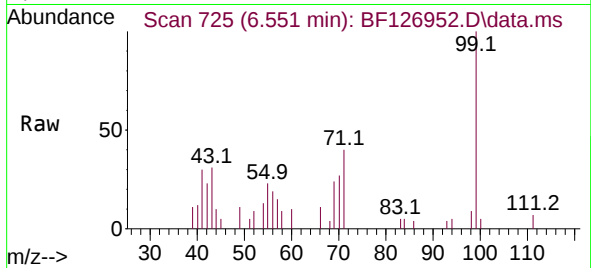




#7
Phenol-d6
Concen: 0.429 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

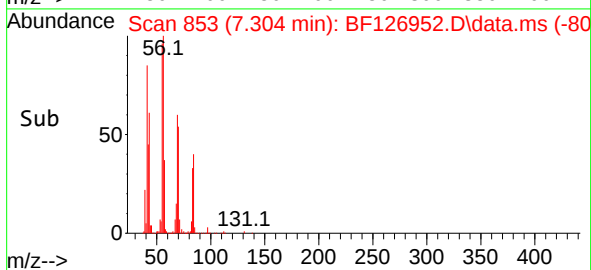
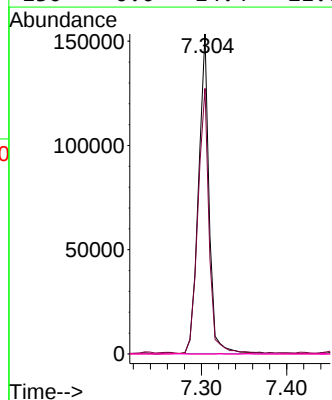
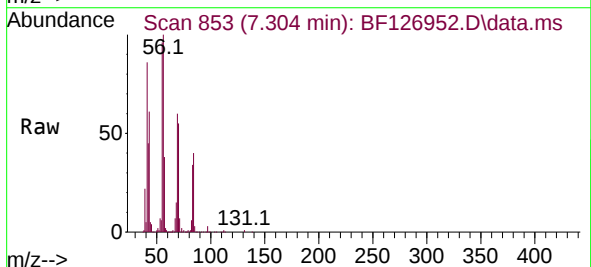
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

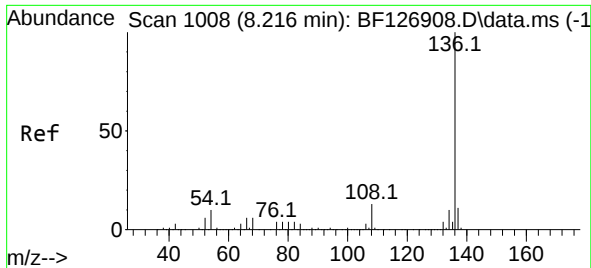
Tgt Ion: 99 Resp: 3776
Ion Ratio Lower Upper
99 100
42 23.3 14.2 21.4#
71 39.7 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 23.459 ng
RT: 7.304 min Scan# 853
Delta R.T. -0.041 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion: 70 Resp: 133007
Ion Ratio Lower Upper
70 100
42 83.0 45.8 68.8#
101 0.0 6.9 10.3#
130 0.0 14.4 21.6#

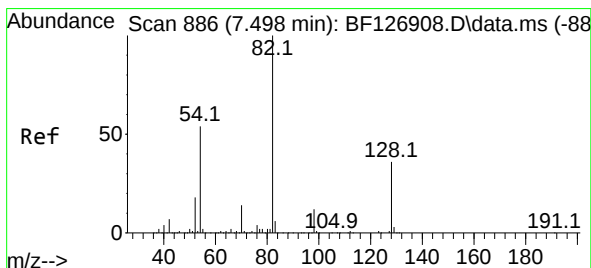
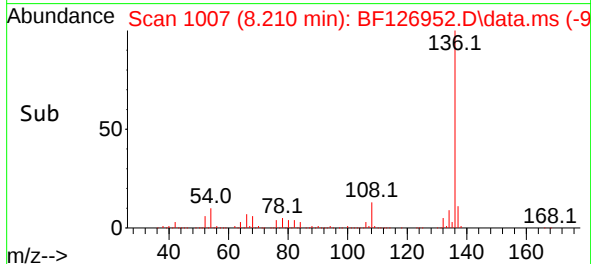
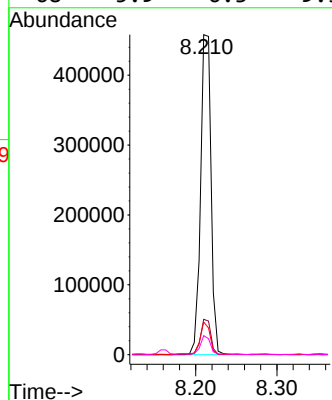
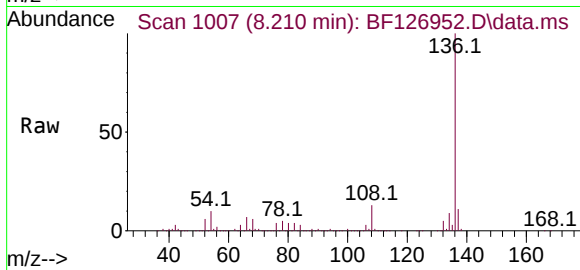




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

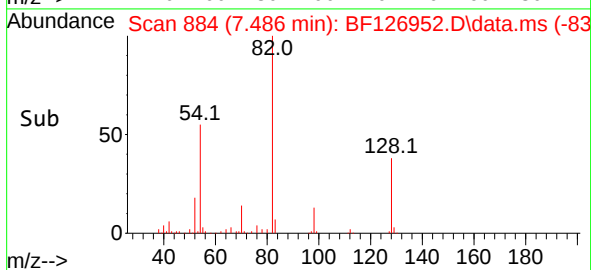
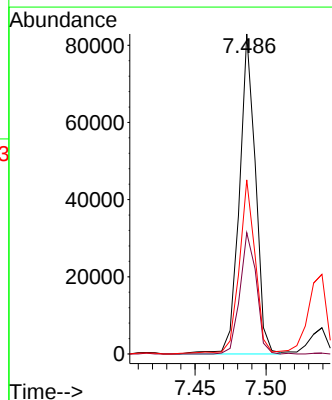
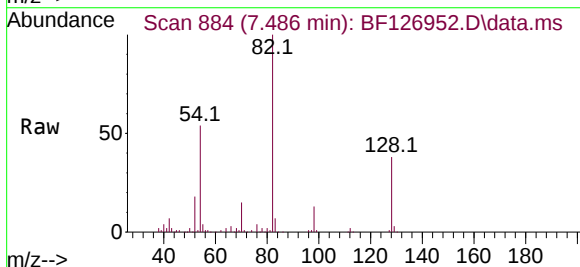
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

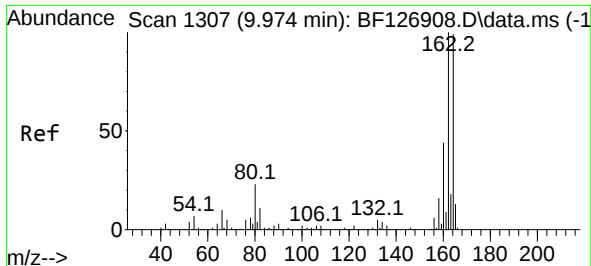
Tgt Ion:136 Resp: 411649
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.2 7.8 11.6
68 5.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 7.191 ng
RT: 7.486 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion: 82 Resp: 65581
Ion Ratio Lower Upper
82 100
128 37.9 32.7 49.1
54 54.4 41.7 62.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126952.D

Acq: 18 Feb 2022 14:50

Instrument :

BNA_F

ClientSampleId :

EFF-WWDL

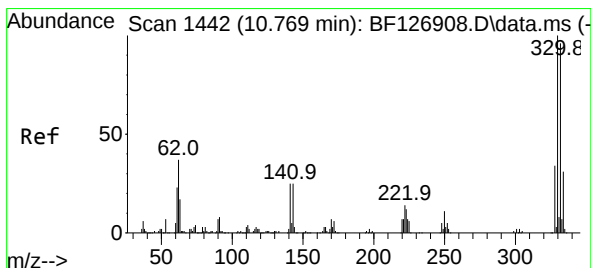
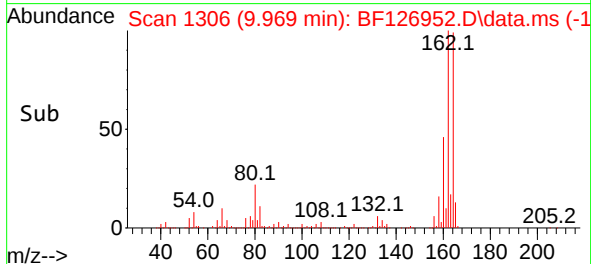
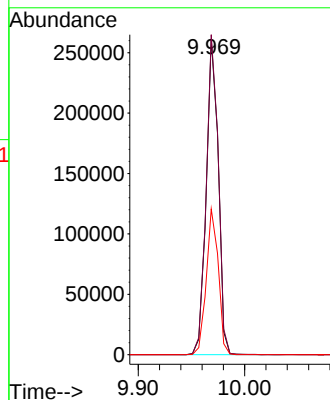
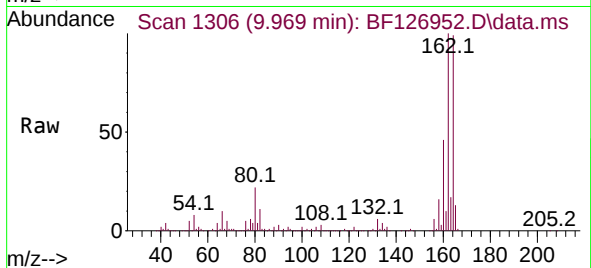
Tgt Ion:164 Resp: 205894

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.0

160 46.1 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 0.901 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF126952.D

Acq: 18 Feb 2022 14:50

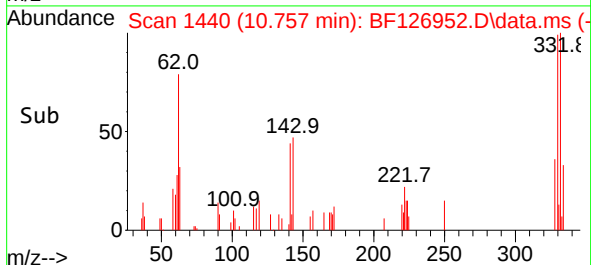
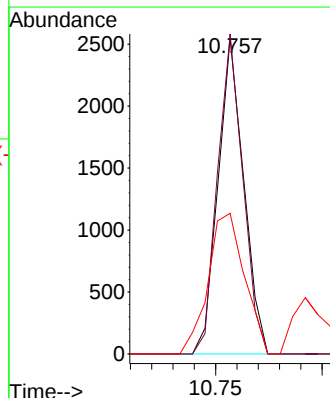
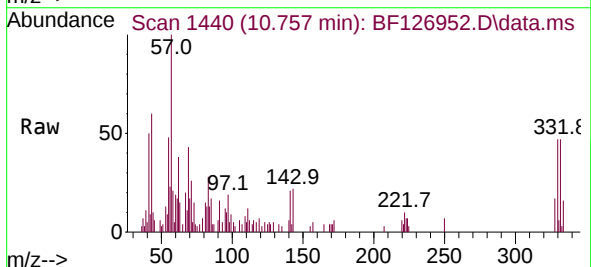
Tgt Ion:330 Resp: 2136

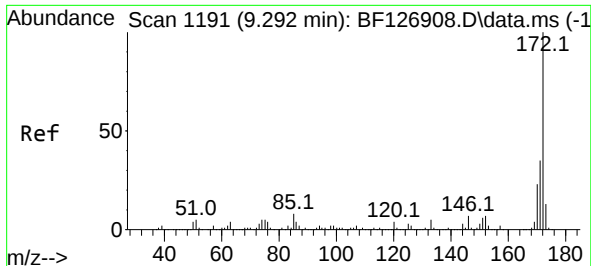
Ion Ratio Lower Upper

330 100

332 99.4 76.0 114.0

141 63.2 30.1 45.1#

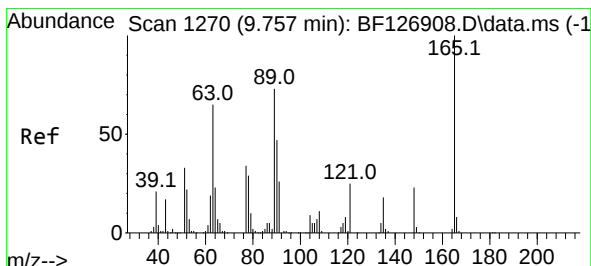
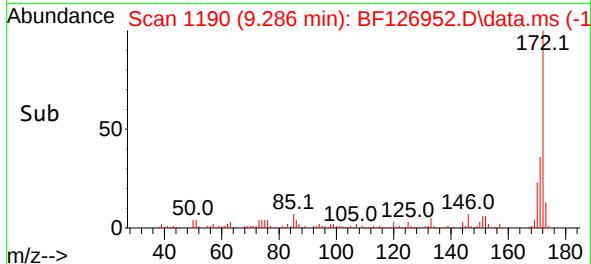
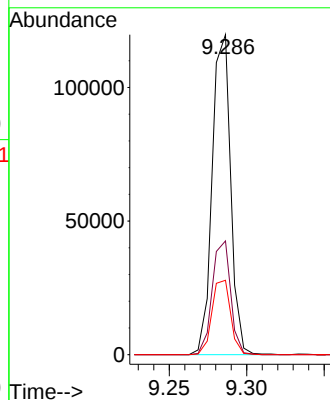
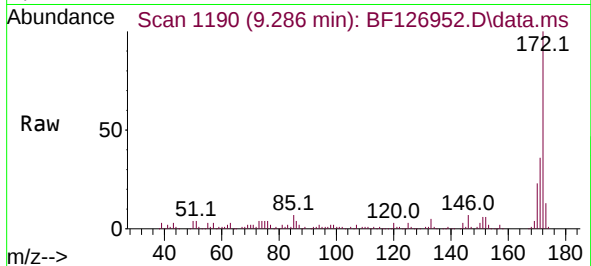




#45
2-Fluorobiphenyl
Concen: 7.102 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

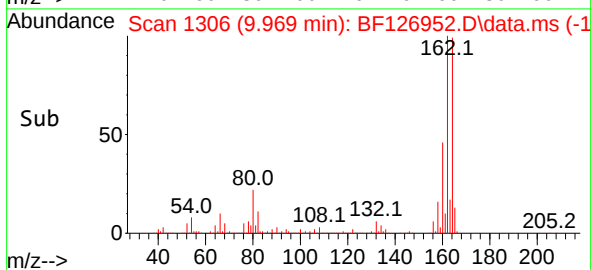
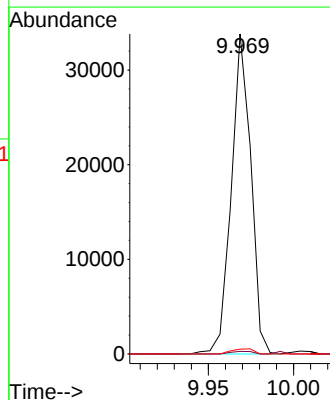
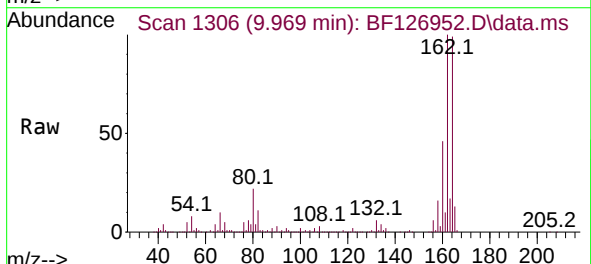
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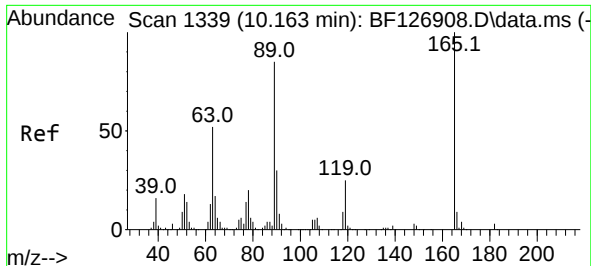
Tgt Ion:172 Resp: 99332
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.2 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.984 ng
RT: 9.969 min Scan# 1306
Delta R.T. 0.212 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:165 Resp: 26901
Ion Ratio Lower Upper
165 100
63 0.8 48.4 72.6#
89 1.5 50.5 75.7#

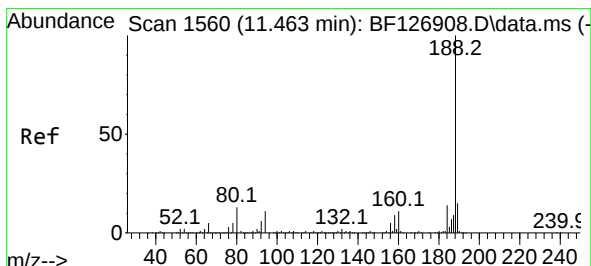
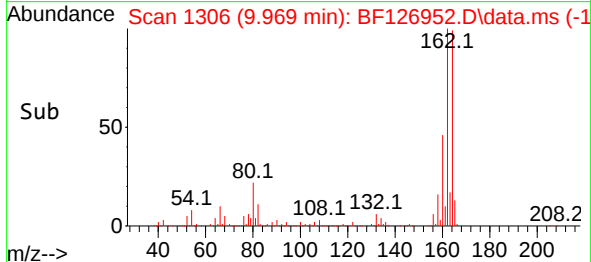
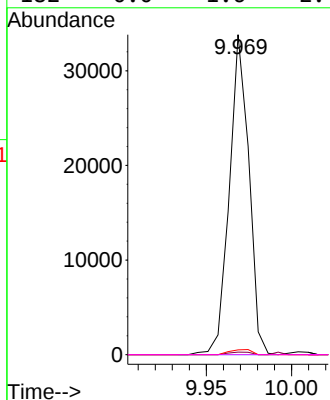
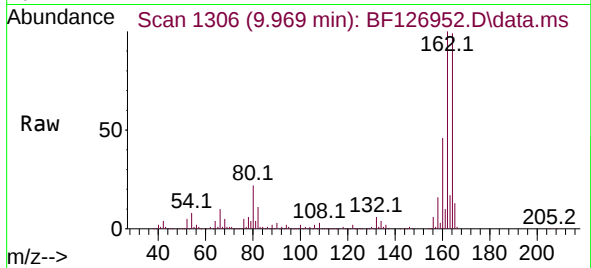




#57
2,4-Dinitrotoluene
Concen: 6.645 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.194 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

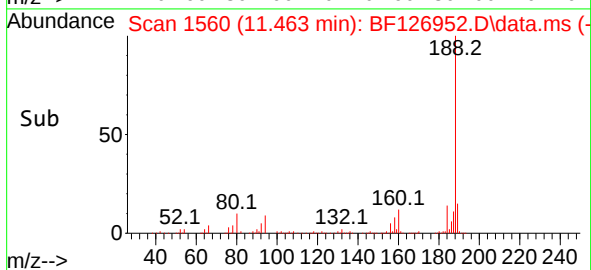
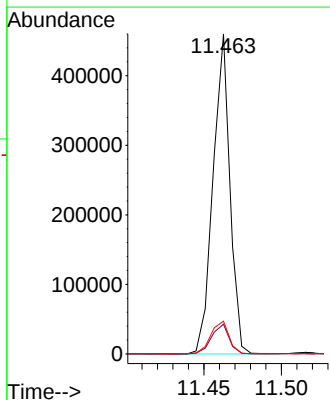
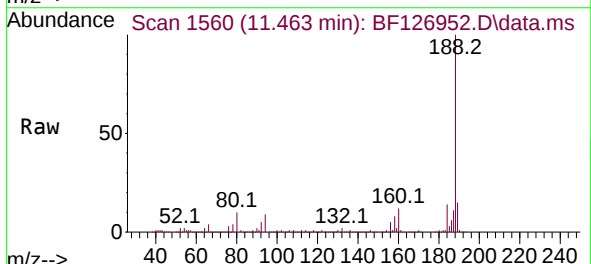
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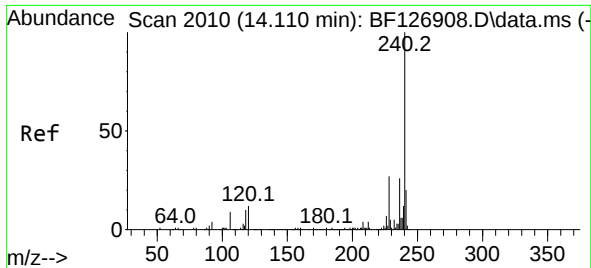
Tgt Ion:165 Resp: 26901
Ion Ratio Lower Upper
165 100
63 0.8 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:188 Resp: 348067
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 10.2 11.8 17.6#

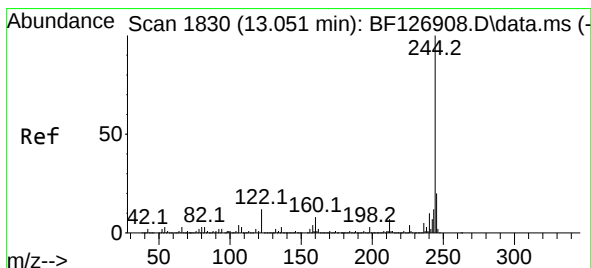
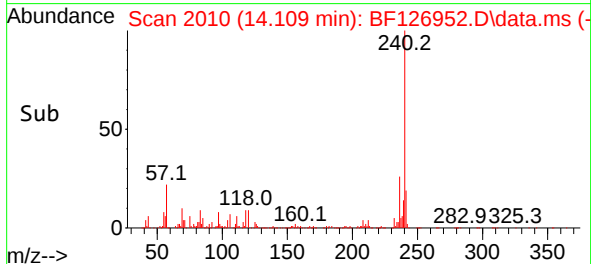
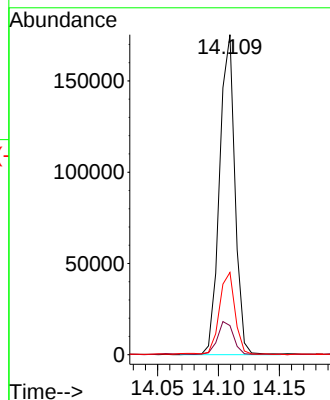
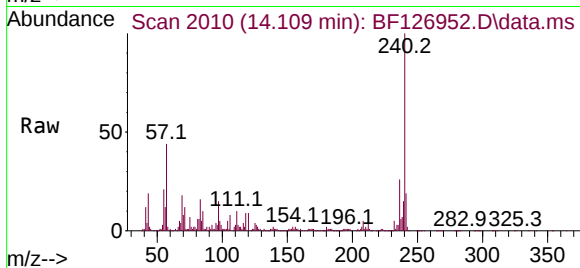




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.109 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

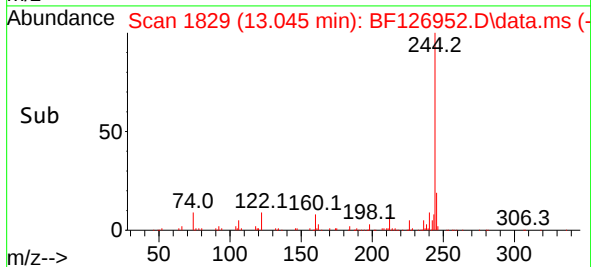
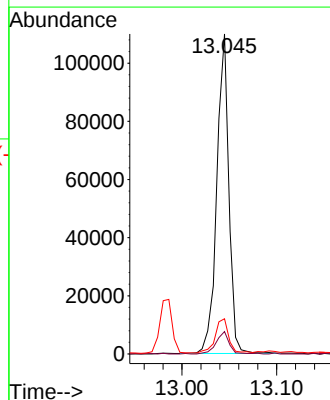
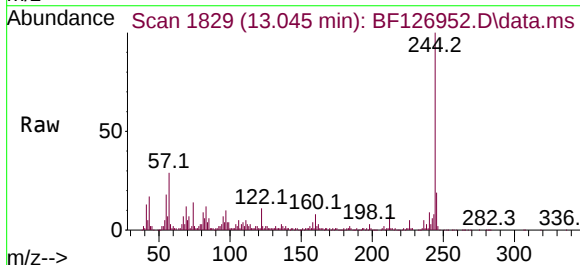
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

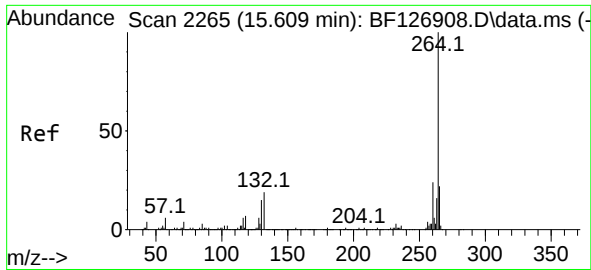
Tgt Ion:240 Resp: 154804
Ion Ratio Lower Upper
240 100
120 9.1 14.4 21.6#
236 25.7 20.5 30.7



#79
Terphenyl-d14
Concen: 9.190 ng
RT: 13.045 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

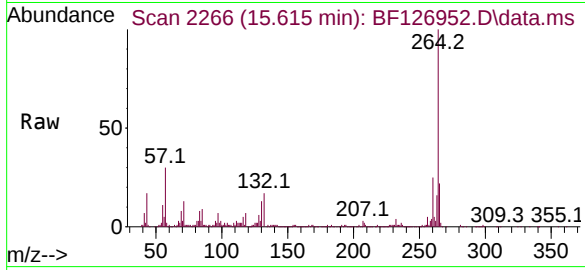
Tgt Ion:244 Resp: 96776
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 11.0 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126952.D
 Acq: 18 Feb 2022 14:50

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWDL



Tgt Ion:264 Resp: 174398
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 21.6 17.4 26.2

