

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126521.D
 Acq On : 6 Jan 2022 16:43
 Operator : JU/CG
 Sample : N1016-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E3

Quant Time: Jan 07 08:32:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

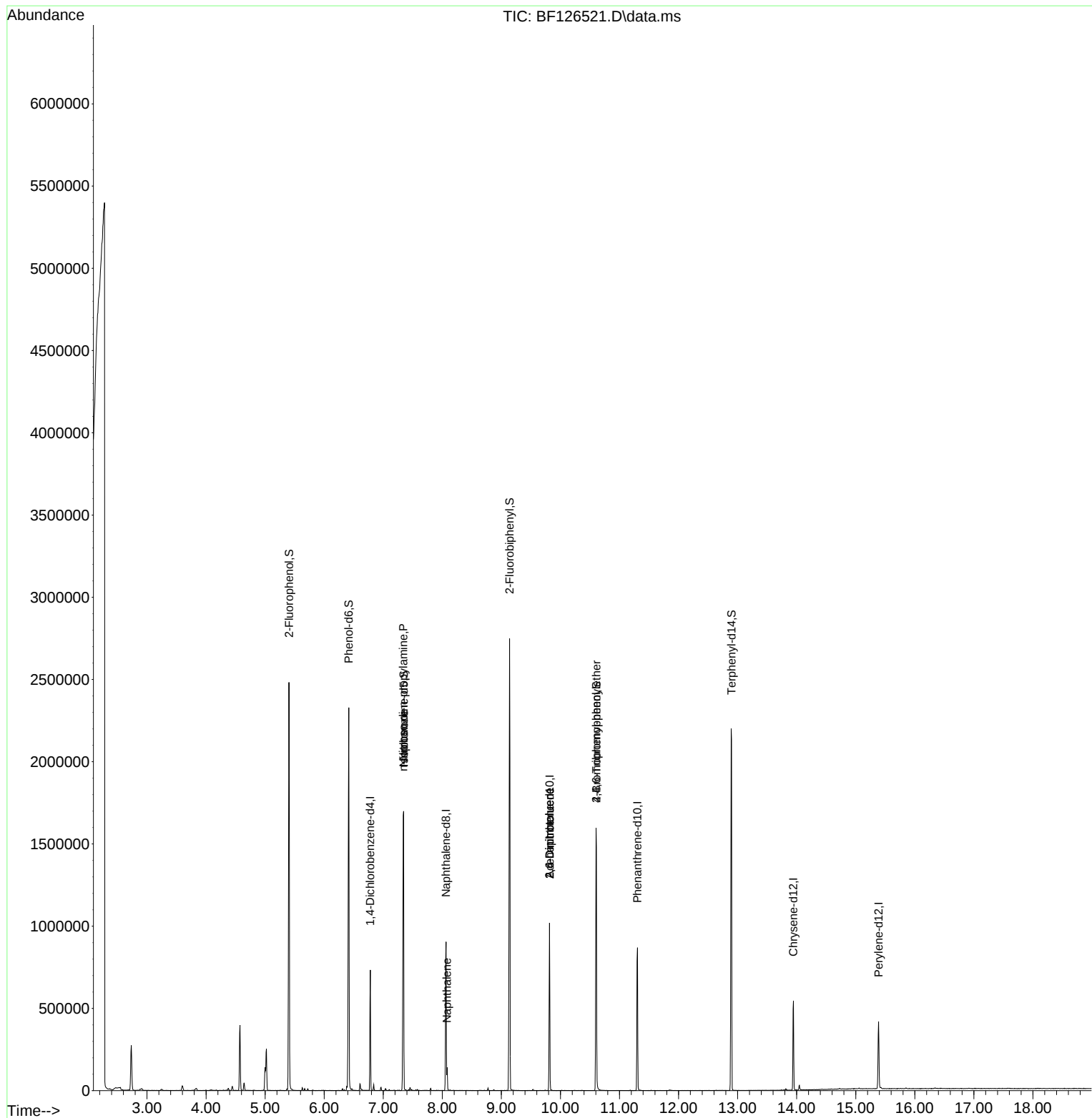
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	99212	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	415421	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	196059	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	309880	20.000	ng	0.00
76) Chrysene-d12	13.945	240	185262	20.000	ng	# 0.00
86) Perylene-d12	15.386	264	167077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	739650	107.062	ng	0.01
7) Phenol-d6	6.416	99	839109	93.775	ng	0.00
23) Nitrobenzene-d5	7.345	82	649006	80.217	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	210309	138.814	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	946029	84.911	ng	-0.01
79) Terphenyl-d14	12.898	244	821177	86.121	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.339	70	82211	16.100	ng	# 80
25) Isophorone	7.345	82	648677	44.788	ng	# 69
31) Naphthalene	8.081	128	57809	2.948	ng	99
51) 2,6-Dinitrotoluene	9.816	165	24920	9.428	ng	# 21
57) 2,4-Dinitrotoluene	9.816	165	24920	7.307	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	11027	4.009	ng	# 1
77) Benzidine	12.892	184	10033	Below Cal		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126521.D
Acq On : 6 Jan 2022 16:43
Operator : JU/CG
Sample : N1016-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E3

Quant Time: Jan 07 08:32:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

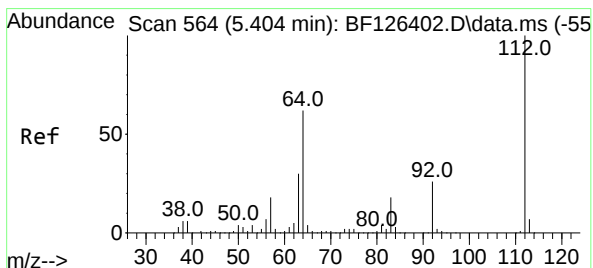
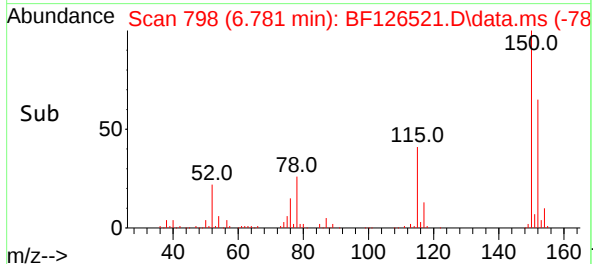
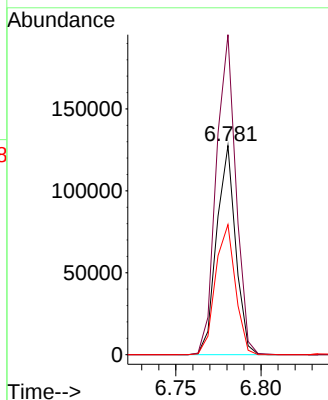
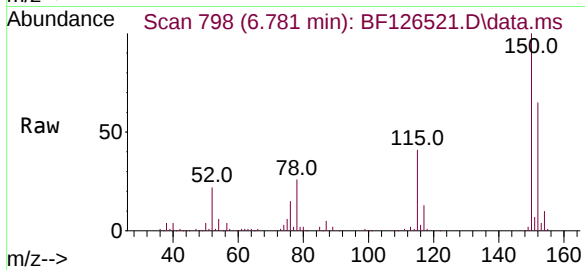




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

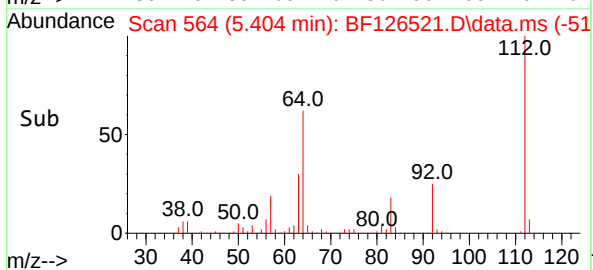
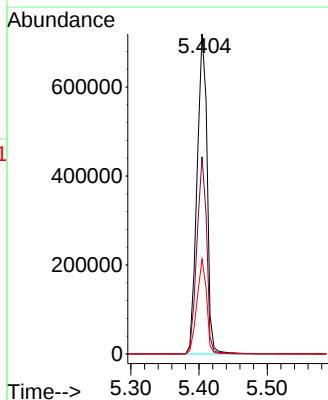
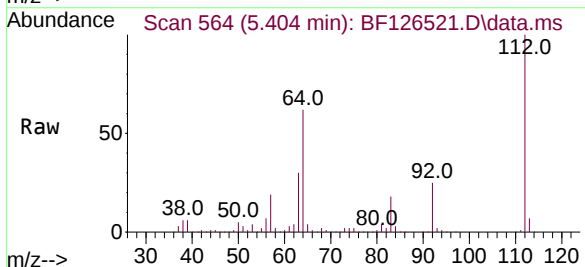
Instrument :
BNA_F
ClientSampleId :
E3

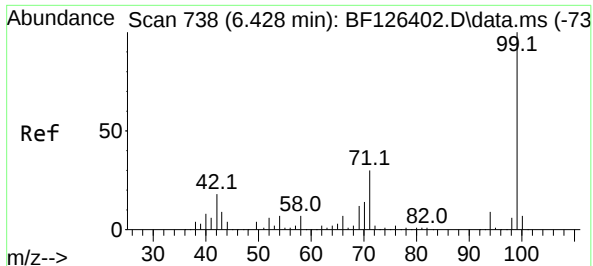
Tgt Ion:152 Resp: 99212
Ion Ratio Lower Upper
152 100
150 153.1 128.1 192.1
115 62.2 56.7 85.1



#5
2-Fluorophenol
Concen: 107.062 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

Tgt Ion:112 Resp: 739650
Ion Ratio Lower Upper
112 100
64 61.6 49.5 74.3
63 29.6 23.9 35.9

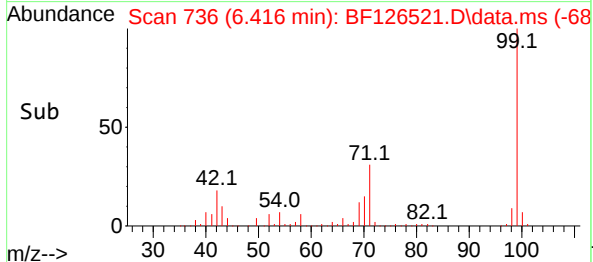
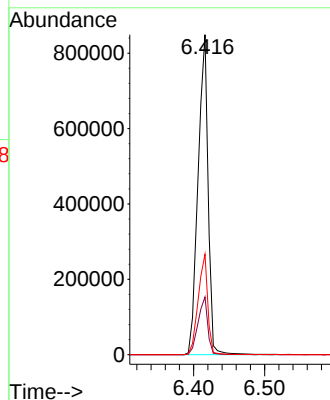
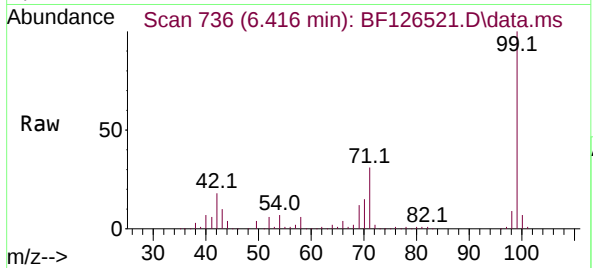




#7
Phenol-d6
Concen: 93.775 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

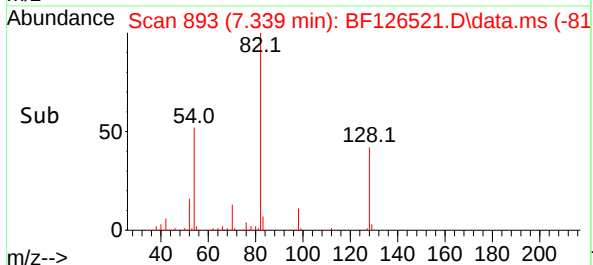
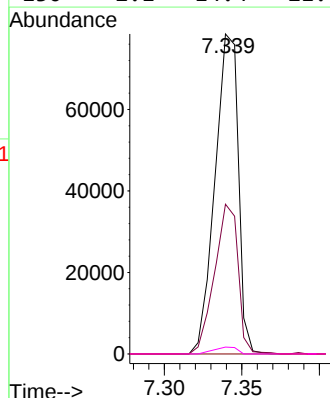
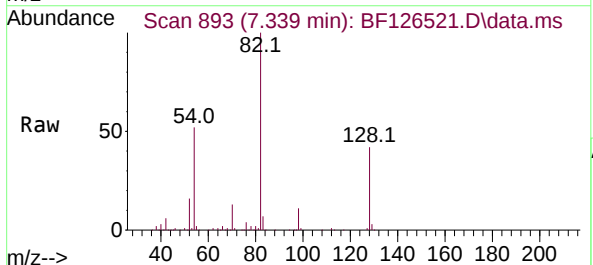
Instrument :
BNA_F
ClientSampleId :
E3

Tgt Ion: 99 Resp: 839109
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 31.4 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.100 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

Tgt Ion: 70 Resp: 82211
Ion Ratio Lower Upper
70 100
42 46.8 45.8 68.8
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#

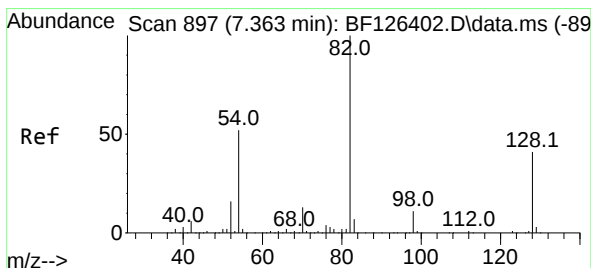
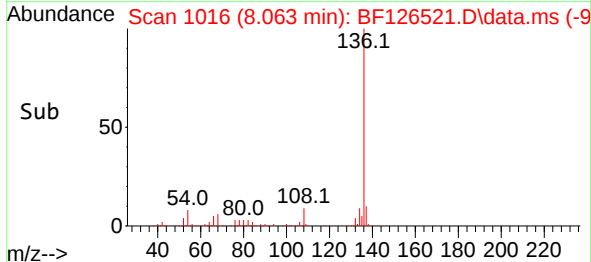
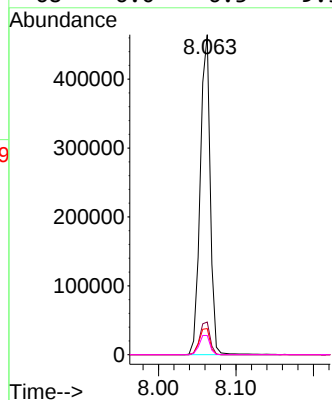
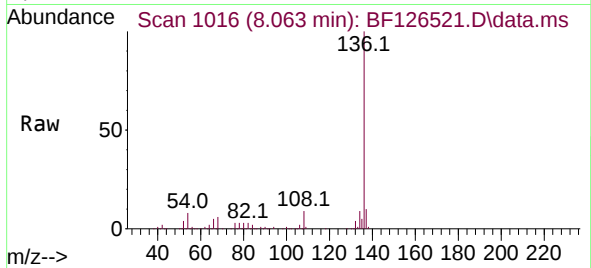




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

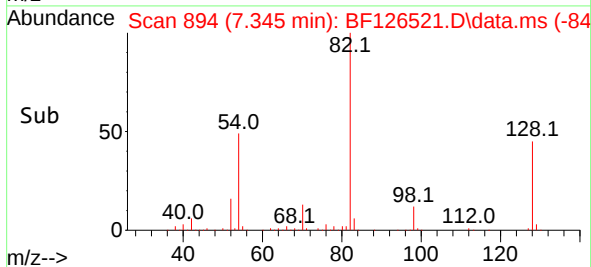
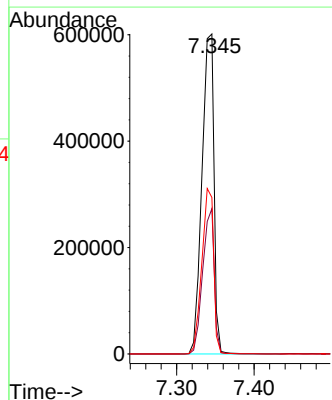
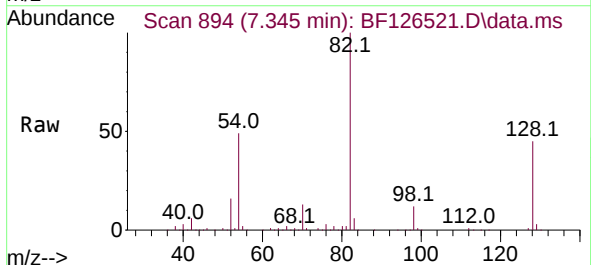
Instrument :
BNA_F
ClientSampleId :
E3

Tgt Ion:136 Resp: 415421
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 8.1 7.8 11.6
68 6.0 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 80.217 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

Tgt Ion: 82 Resp: 649006
Ion Ratio Lower Upper
82 100
128 45.4 32.7 49.1
54 48.9 41.7 62.5

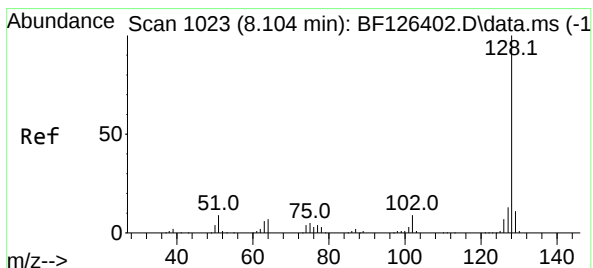
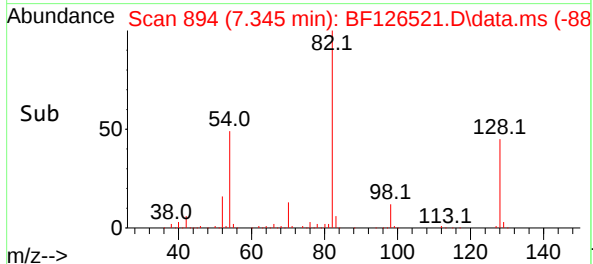
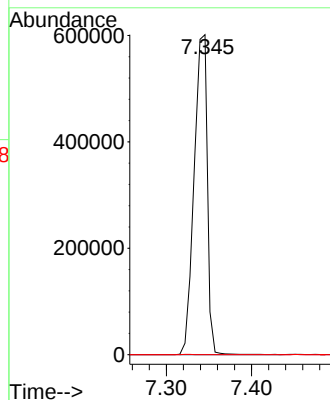
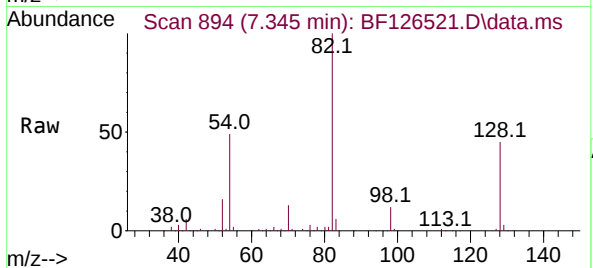




#25
Isophorone
Concen: 44.788 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

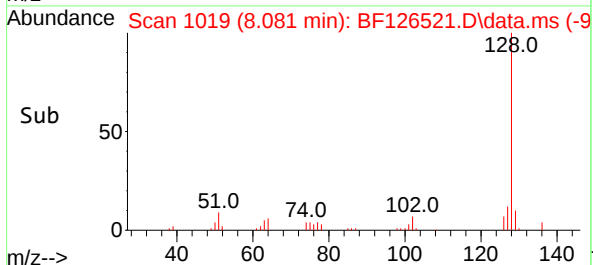
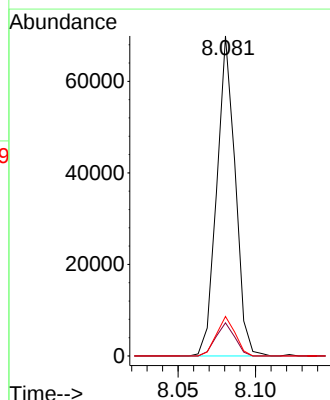
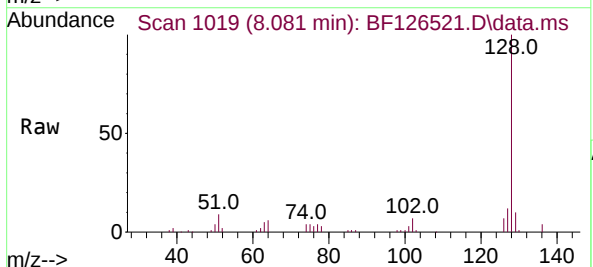
Instrument :
BNA_F
ClientSampleId :
E3

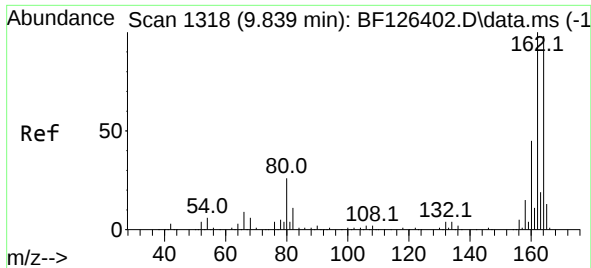
Tgt Ion: 82 Resp: 648677
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#31
Naphthalene
Concen: 2.948 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

Tgt Ion: 128 Resp: 57809
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 12.4 10.3 15.5

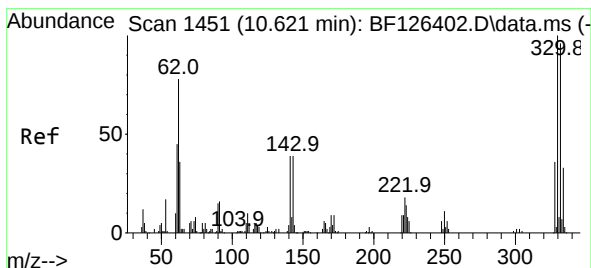
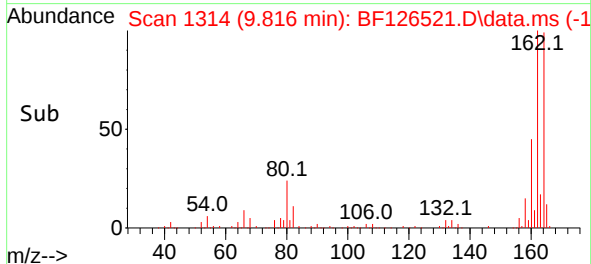
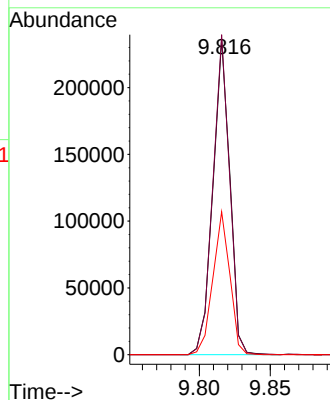
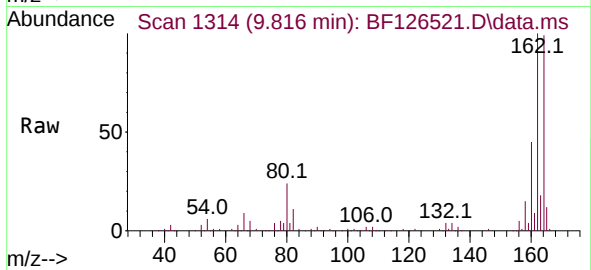




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

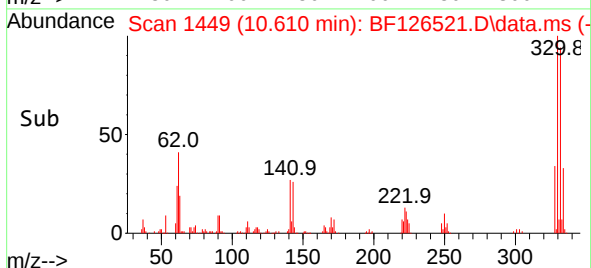
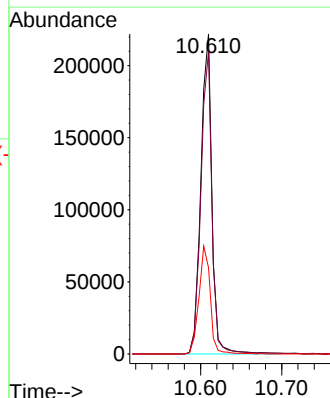
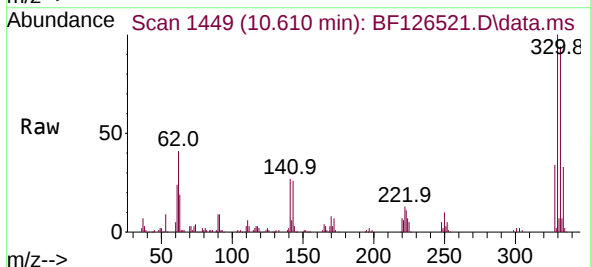
Instrument :
BNA_F
ClientSampleId :
E3

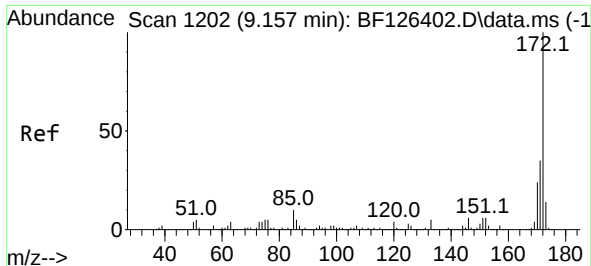
Tgt Ion:164 Resp: 196059
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 45.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 138.814 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

Tgt Ion:330 Resp: 210309
Ion Ratio Lower Upper
330 100
332 94.2 76.0 114.0
141 34.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 84.911 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF126521.D

Acq: 6 Jan 2022 16:43

Instrument :

BNA_F

ClientSampleId :

E3

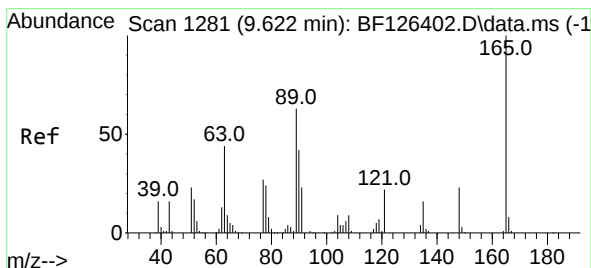
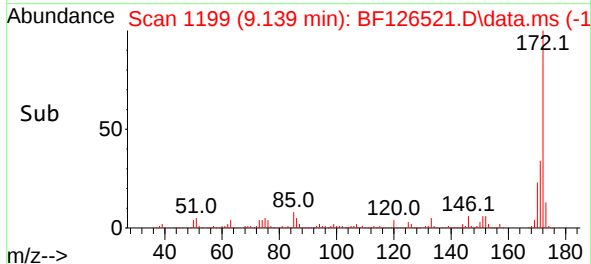
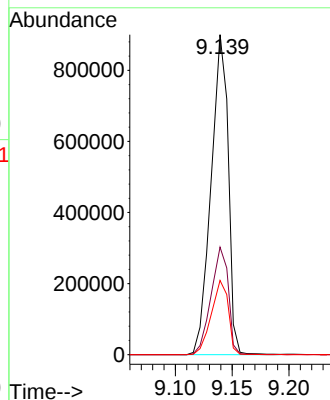
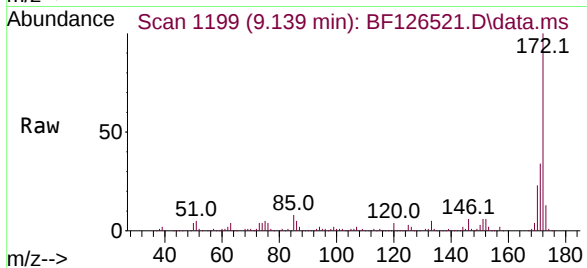
Tgt Ion:172 Resp: 946029

Ion Ratio Lower Upper

172 100

171 33.6 28.3 42.5

170 23.2 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.428 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.206 min

Lab File: BF126521.D

Acq: 6 Jan 2022 16:43

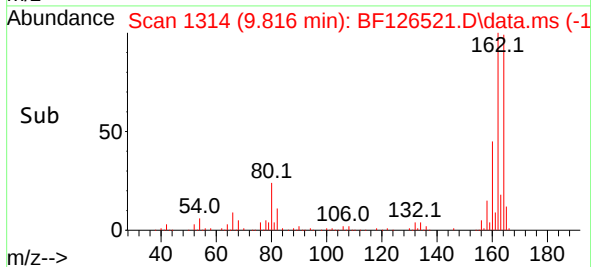
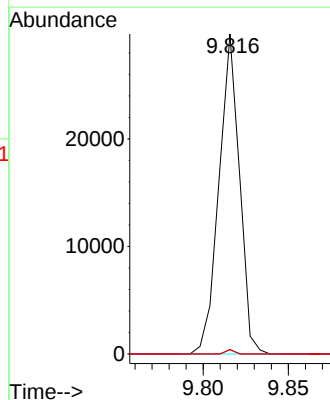
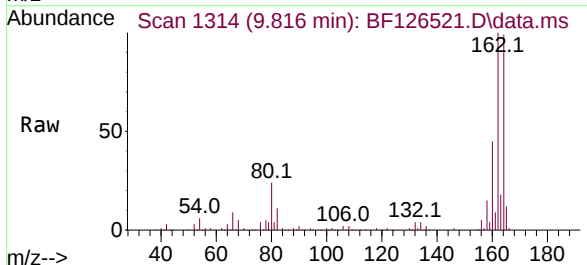
Tgt Ion:165 Resp: 24920

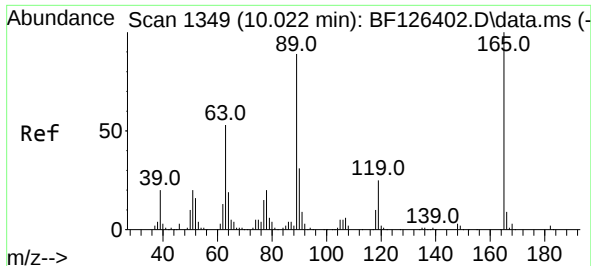
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.3 50.5 75.7#

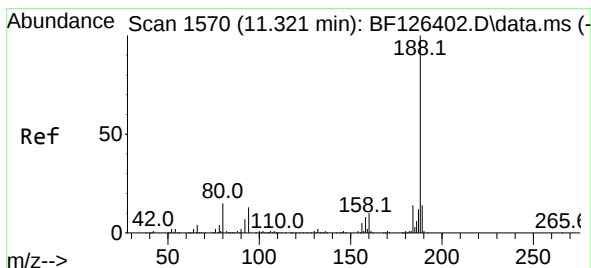
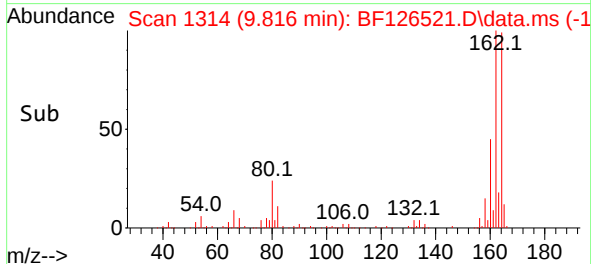
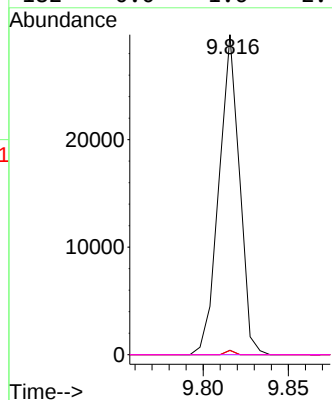
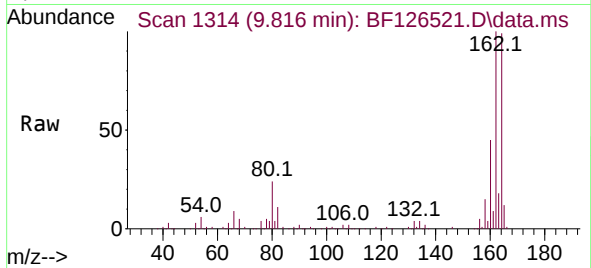




#57
2,4-Dinitrotoluene
Concen: 7.307 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

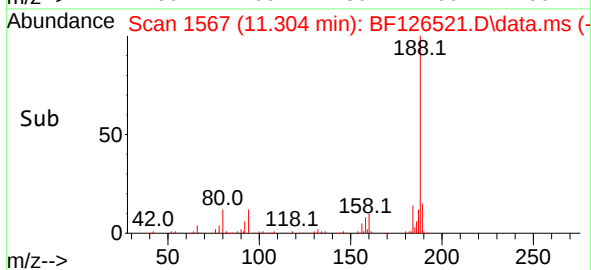
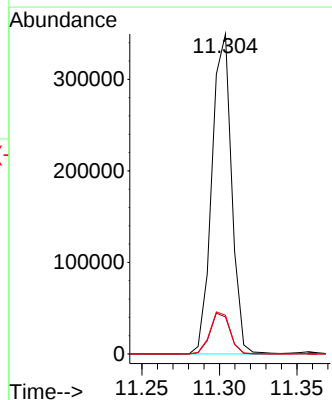
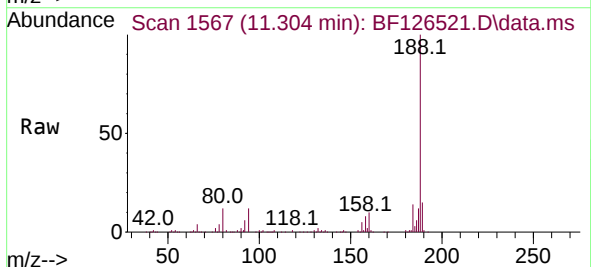
Instrument :
BNA_F
ClientSampleId :
E3

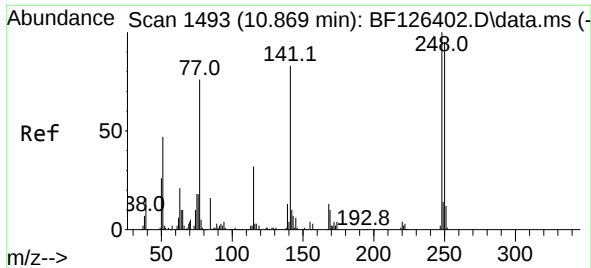
Tgt Ion:165 Resp: 24920
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

Tgt Ion:188 Resp: 309880
Ion Ratio Lower Upper
188 100
94 11.6 10.1 15.1
80 12.1 11.8 17.6

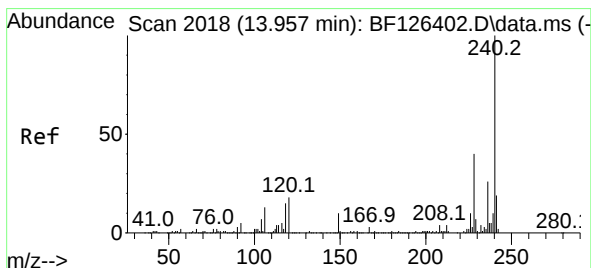
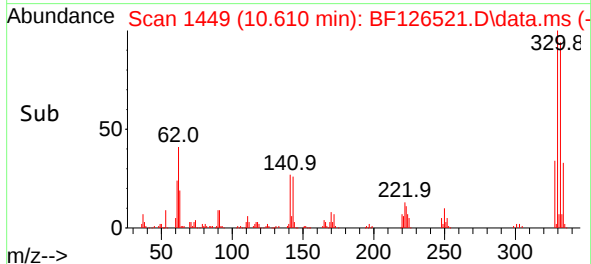
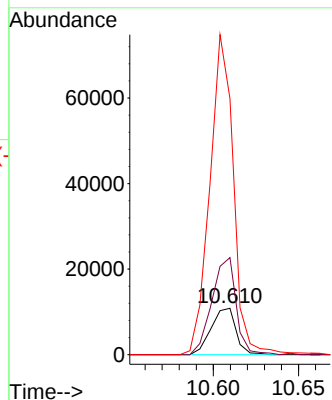
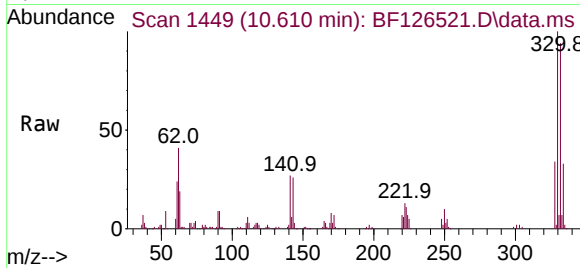




#67
4-Bromophenyl-phenylether
Concen: 4.009 ng
RT: 10.610 min Scan# 1493
Delta R.T. -0.247 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

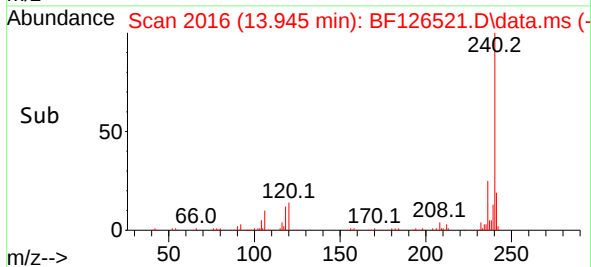
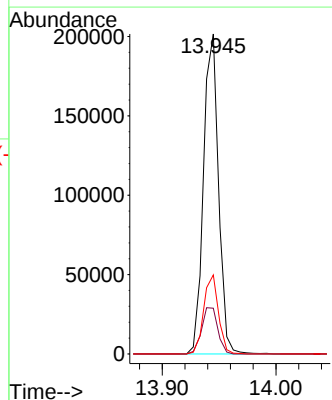
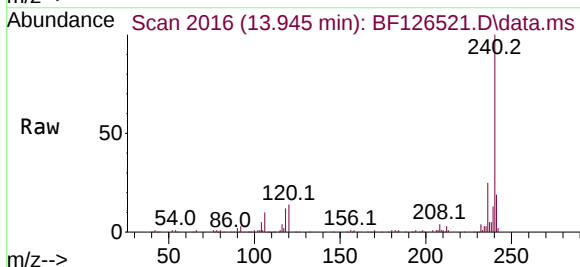
Instrument :
BNA_F
ClientSampleId :
E3

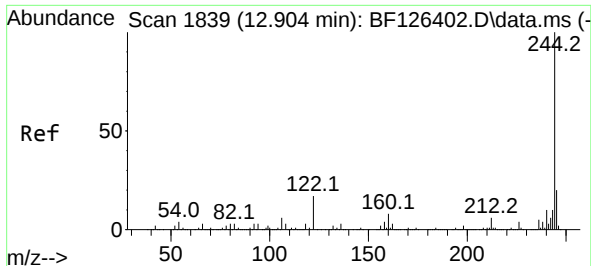
Tgt Ion:248 Resp: 11027
Ion Ratio Lower Upper
248 100
250 209.4 76.2 114.4#
141 552.0 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

Tgt Ion:240 Resp: 185262
Ion Ratio Lower Upper
240 100
120 14.3 14.4 21.6#
236 24.7 20.5 30.7

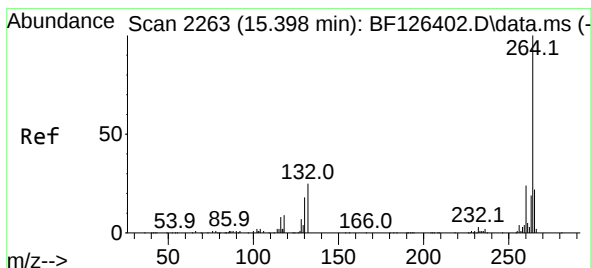
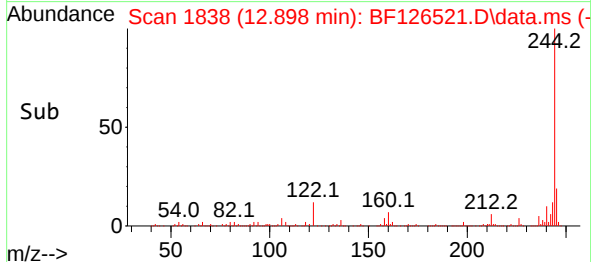
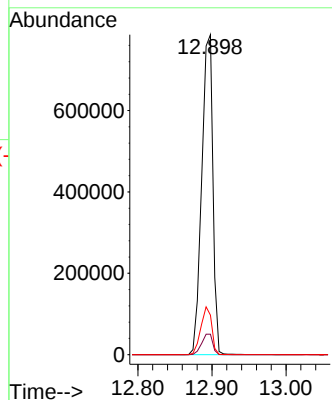
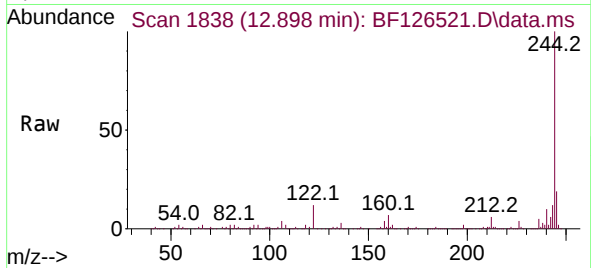




#79
 Terphenyl-d14
 Concen: 86.121 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF126521.D
 Acq: 6 Jan 2022 16:43

Instrument :
 BNA_F
 ClientSampleId :
 E3

Tgt Ion:244 Resp: 821177
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 12.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF126521.D
 Acq: 6 Jan 2022 16:43

Tgt Ion:264 Resp: 167077
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 17.4 26.2

