

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)

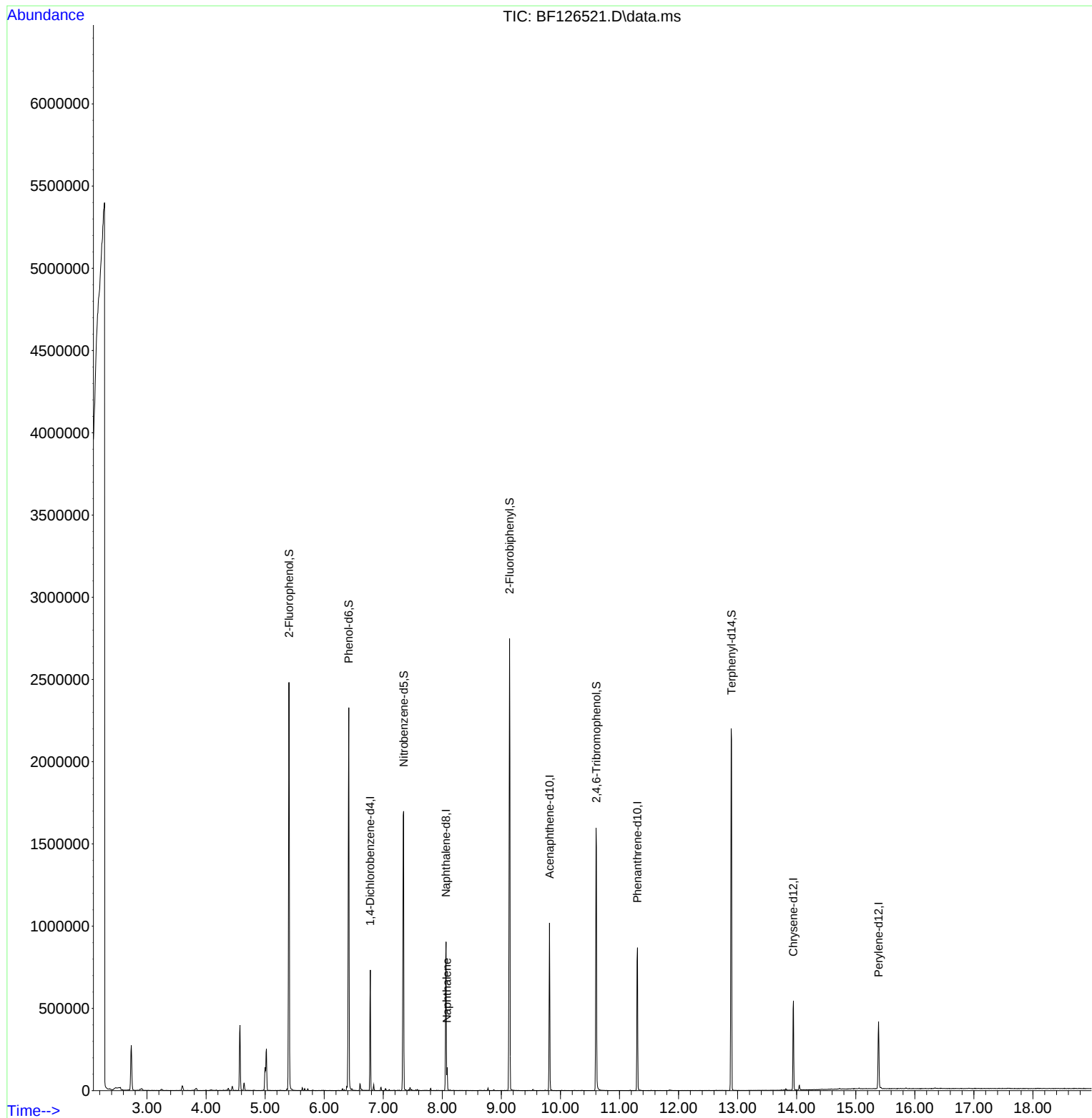
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	99212	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	415421	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	196059	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	309880	20.000	ng	0.00
76) Chrysene-d12	13.945	240	185262	20.000	ng	# 0.00
86) Perylene-d12	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						
31) Naphthalene	8.081	128	57809	2.948	ng	Qvalue 99

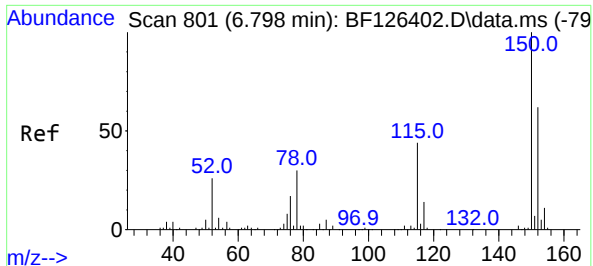
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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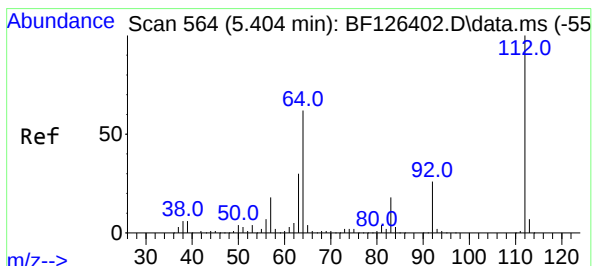
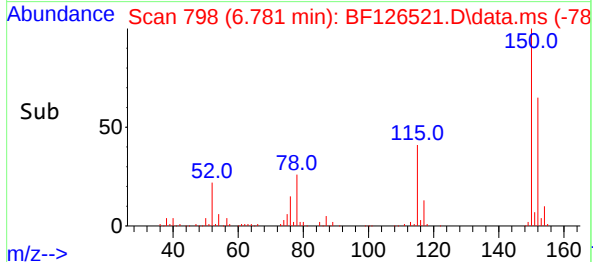
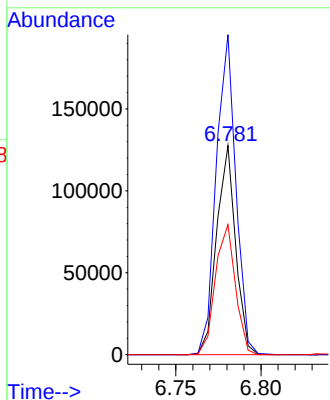
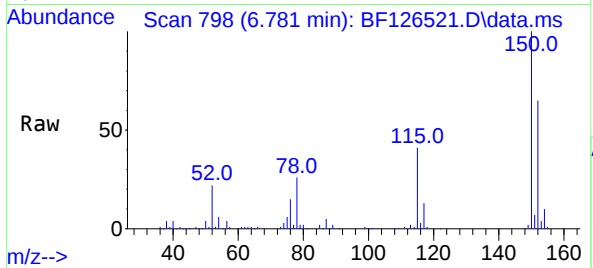




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

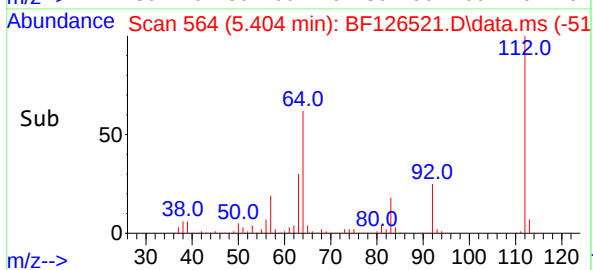
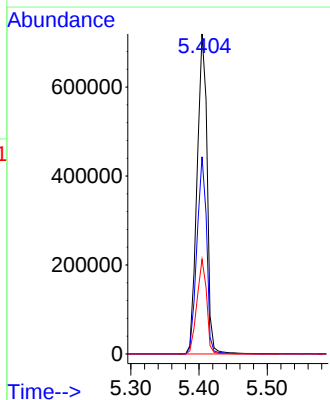
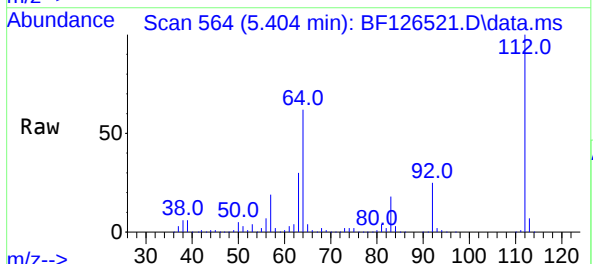
Instrument :
BNA_F
ClientSampleId :
E3

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

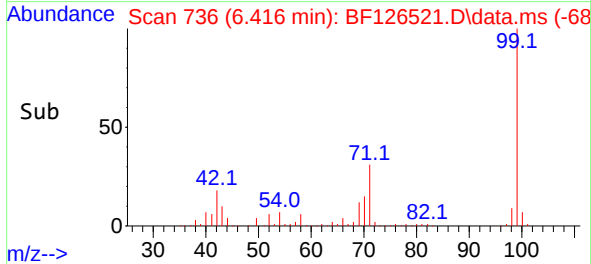
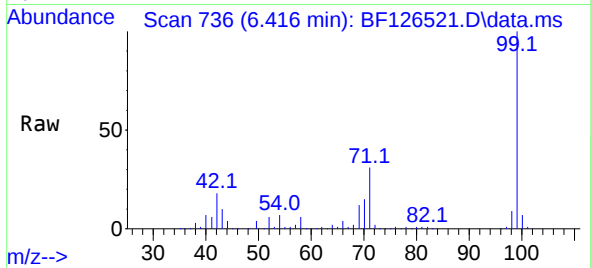
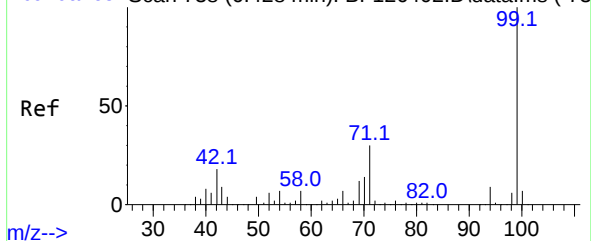


#5
2-Fluorophenol
Concen: 107.062 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

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



Abundance Scan 738 (6.428 min): BF126402.D\data.ms (-73



#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

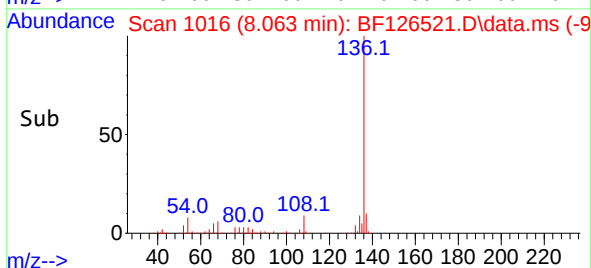
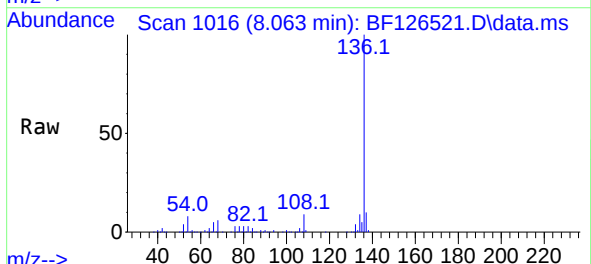
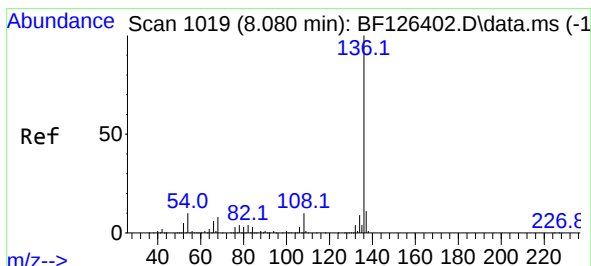
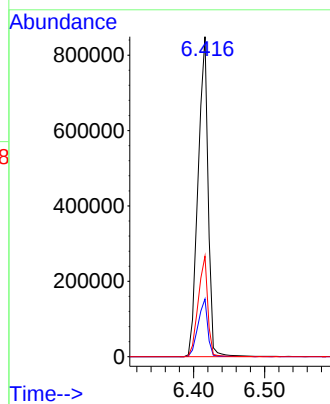
Tgt Ion: 99 Resp: 839109

Ion Ratio Lower Upper

99 100

42 18.1 14.2 21.4

71 31.4 24.3 36.5



#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

Tgt Ion:136 Resp: 415421

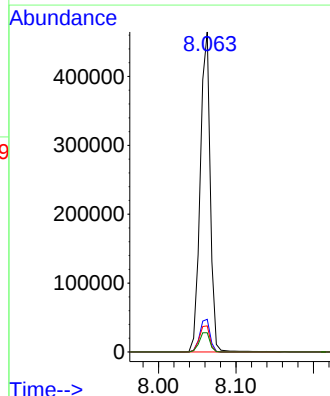
Ion Ratio Lower Upper

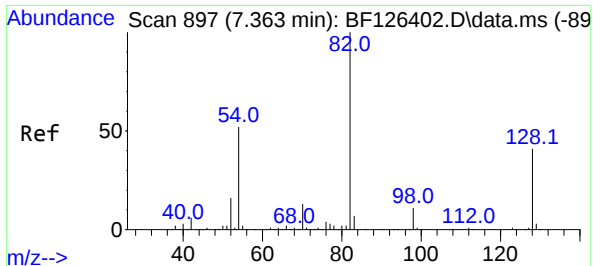
136 100

137 10.2 8.6 13.0

54 8.1 7.8 11.6

68 6.0 6.3 9.5#

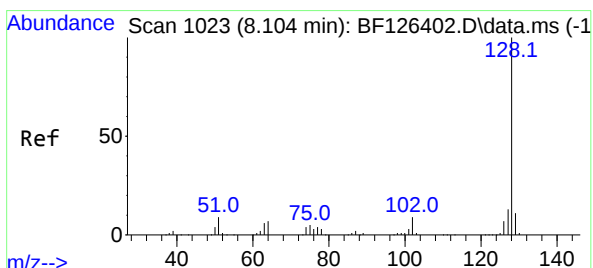
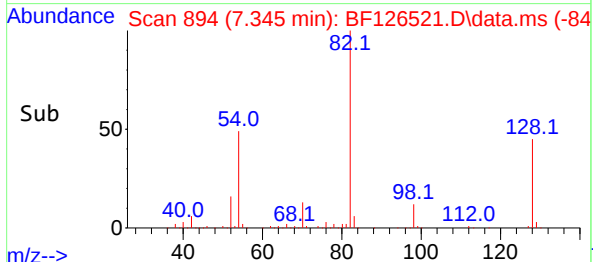
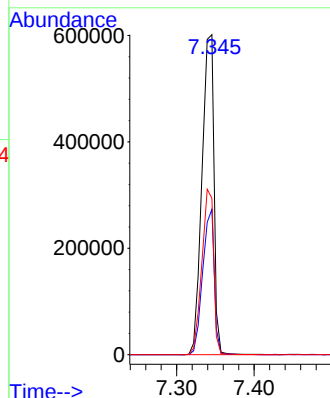
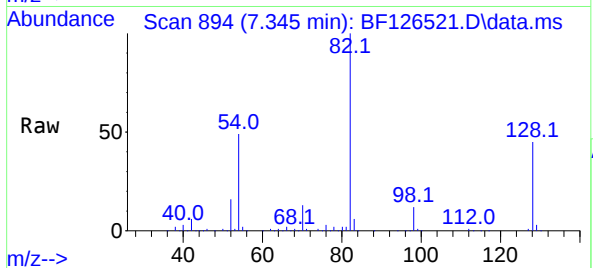




#23
Nitrobenzene-d5
Concen: 80.217 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

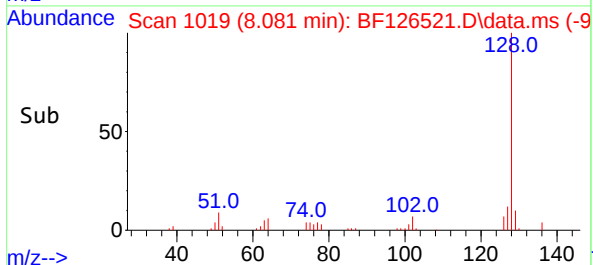
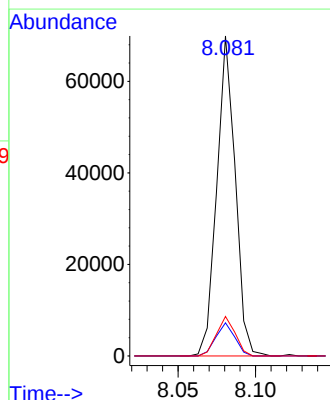
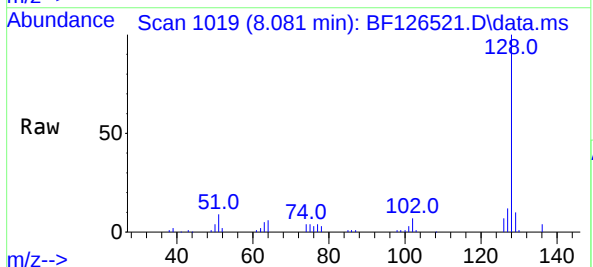
Instrument :
BNA_F
ClientSampleId :
E3

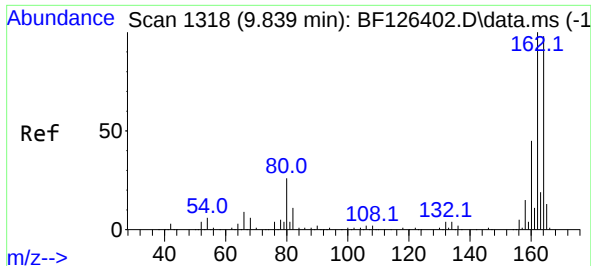
Tgt Ion: 82 Resp: 649006
Ion Ratio Lower Upper
82 100
128 45.4 32.7 49.1
54 48.9 41.7 62.5



#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

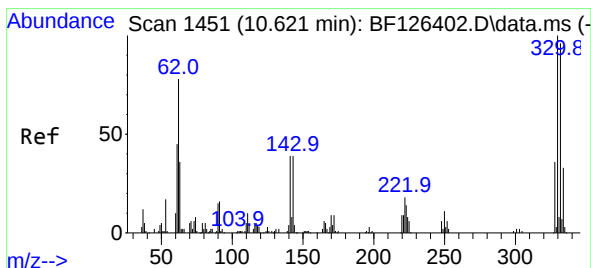
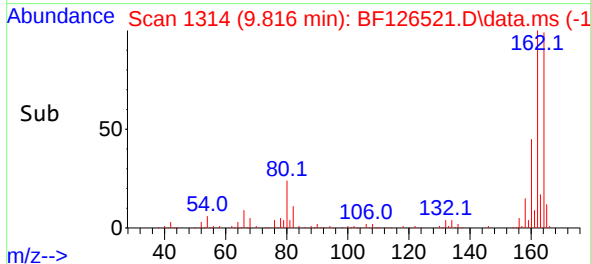
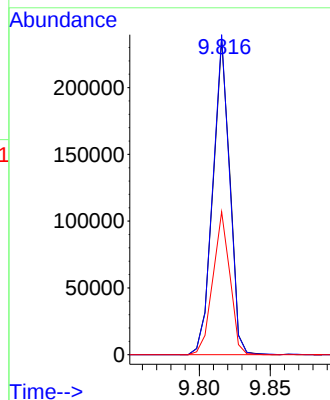
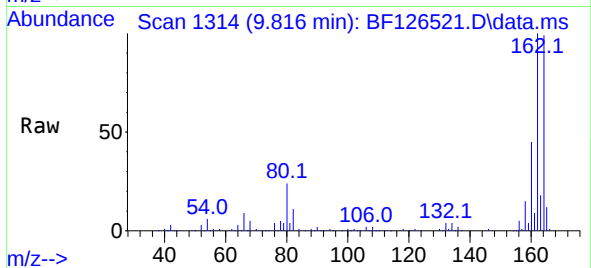
Tgt Ion:164 Resp: 196059

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

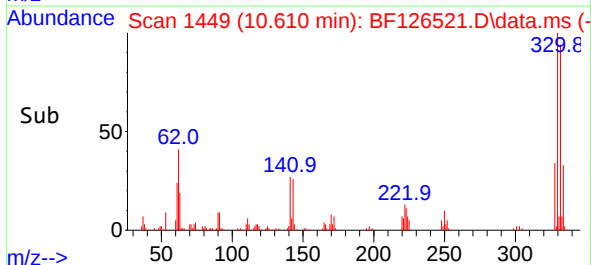
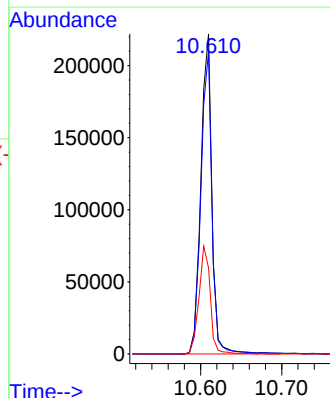
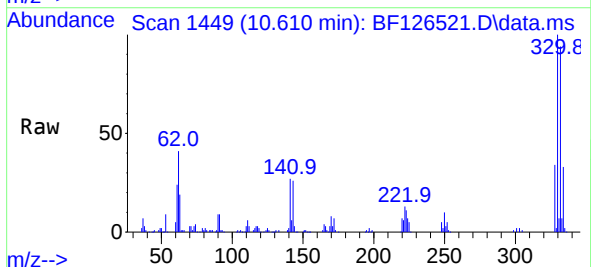
Tgt Ion:330 Resp: 210309

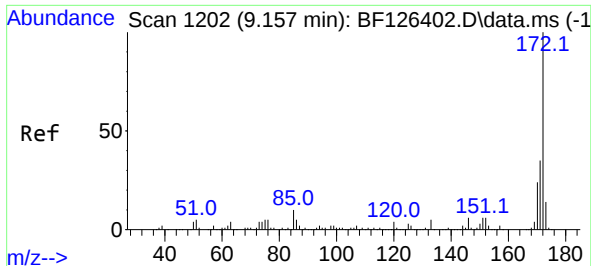
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.012 min

Lab File: BF126521.D

Acq: 6 Jan 2022 16:43

Instrument :

BNA_F

ClientSampleId :

E3

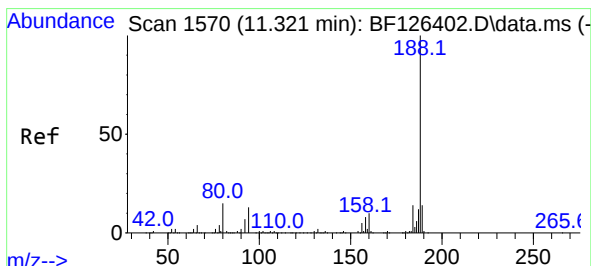
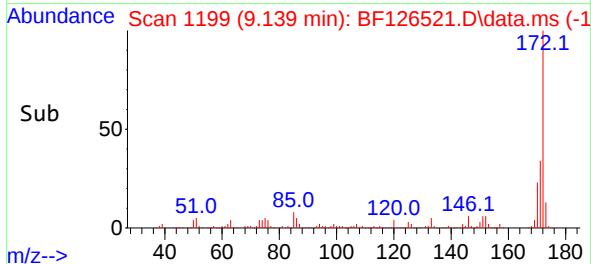
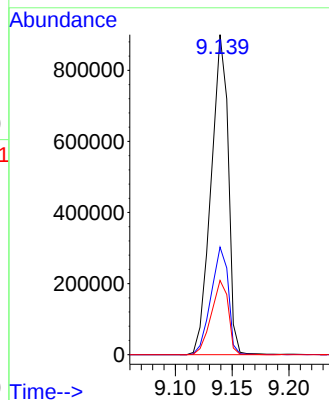
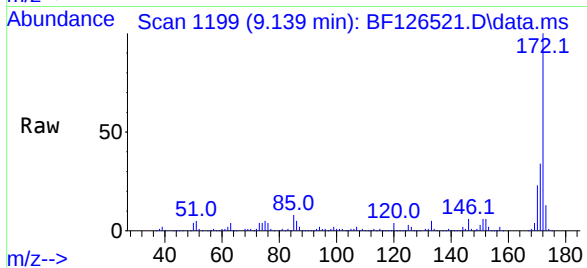
Tgt Ion:172 Resp: 946029

Ion Ratio Lower Upper

172 100

171 33.6 28.3 42.5

170 23.2 19.0 28.6



#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

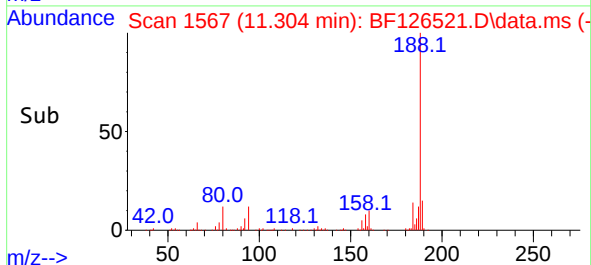
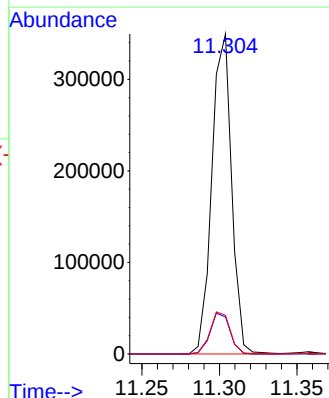
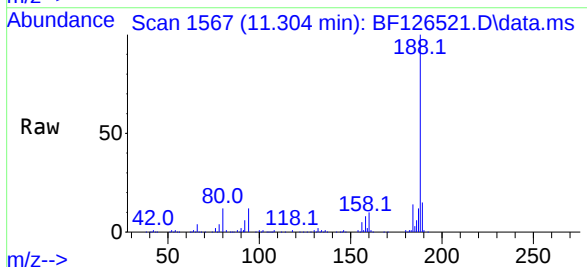
Tgt Ion:188 Resp: 309880

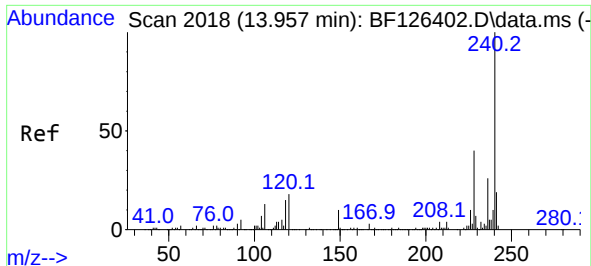
Ion Ratio Lower Upper

188 100

94 11.6 10.1 15.1

80 12.1 11.8 17.6

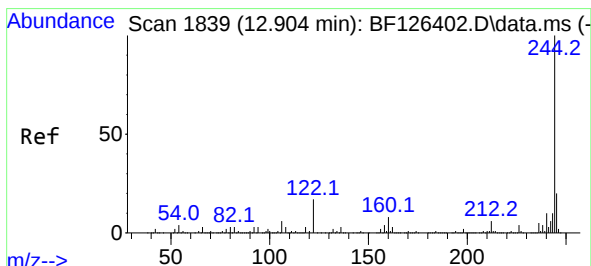
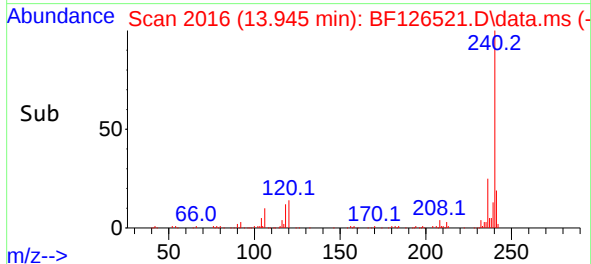
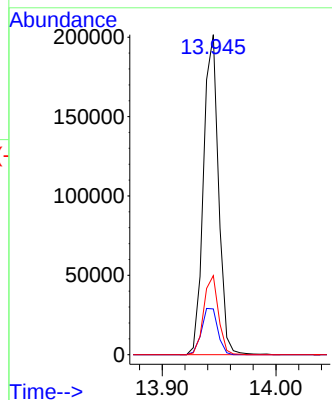
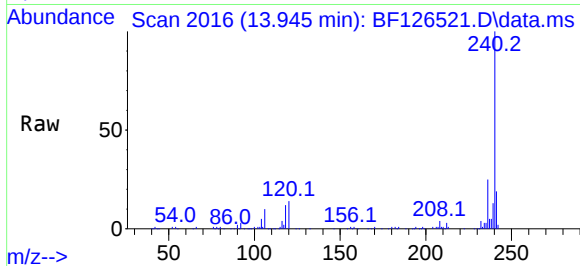




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

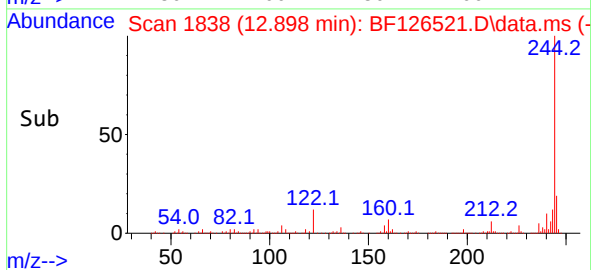
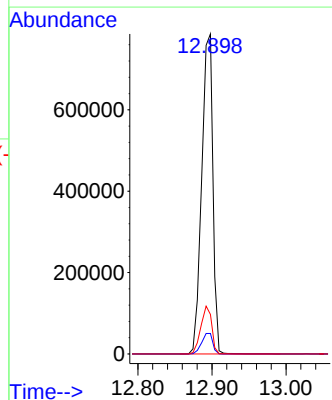
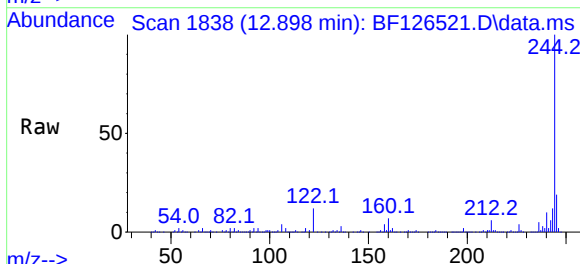
Instrument :
BNA_F
ClientSampleId :
E3

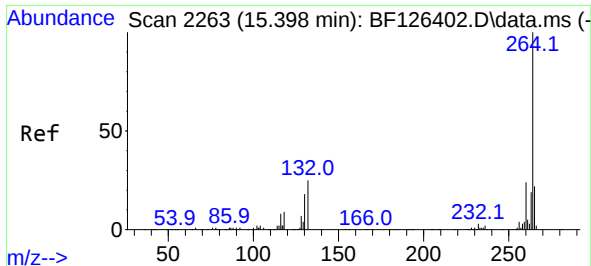
Tgt Ion:240 Resp: 185262
Ion Ratio Lower Upper
240 100
120 14.3 14.4 21.6#
236 24.7 20.5 30.7



#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

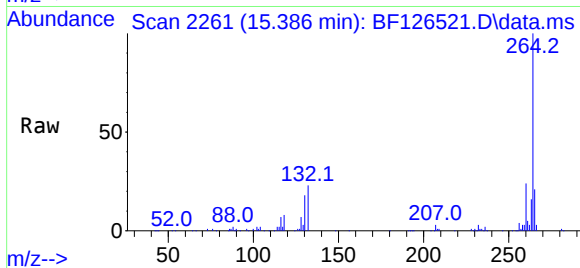
Tgt Ion:244 Resp: 821177
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 12.3 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126521.D
Acq: 6 Jan 2022 16:43

Instrument :
BNA_F
ClientSampleId :
E3



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

