

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126961.D
 Acq On : 18 Feb 2022 19:31
 Operator : CG\JU
 Sample : N1600-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA8

Quant Time: Feb 18 23:53:29 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)

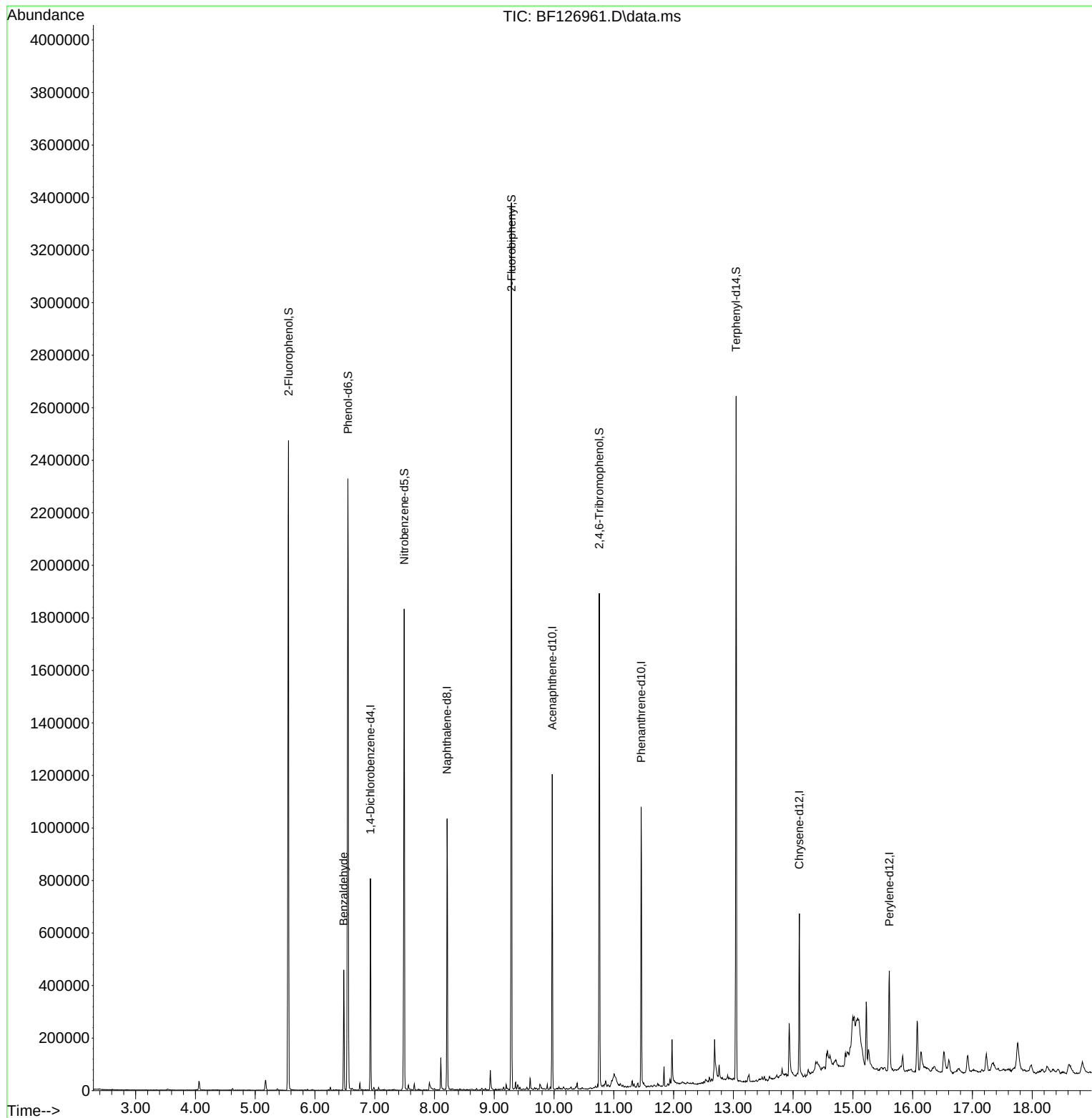
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	99304	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	404395	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	205826	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	352125	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	182377	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	151687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	614217	95.597	ng	0.01
7) Phenol-d6	6.551	99	823986	95.042	ng	0.00
23) Nitrobenzene-d5	7.493	82	586391	65.451	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	200426	84.575	ng	-0.01
45) 2-Fluorobiphenyl	9.287	172	873458	62.473	ng	0.00
79) Terphenyl-d14	13.045	244	824544	66.462	ng	0.00
Target Compounds						
9) Benzaldehyde	6.481	77	79812	15.124	ng	Qvalue 99

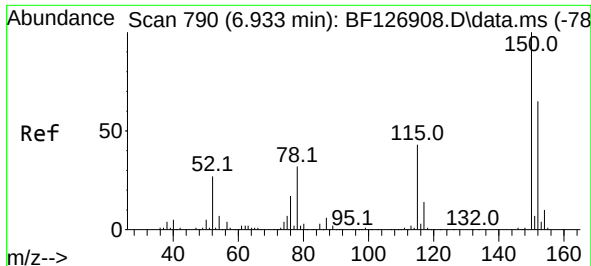
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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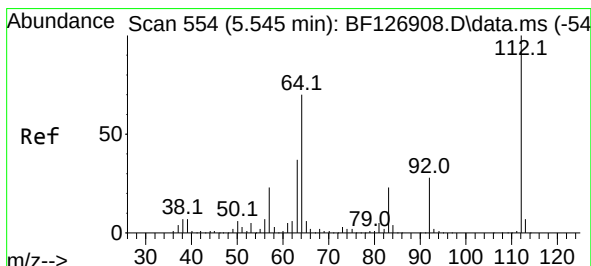
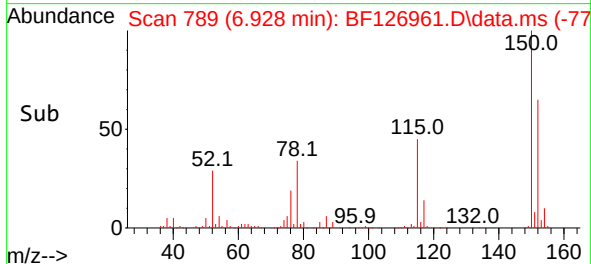
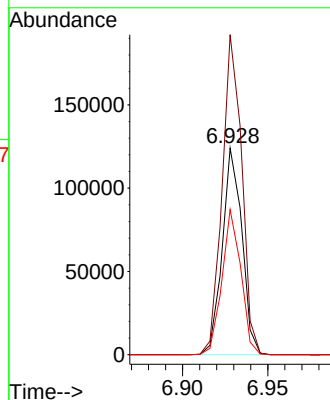
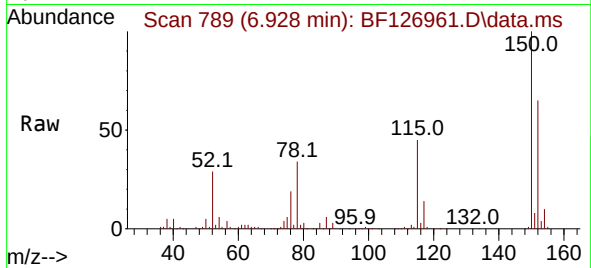




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

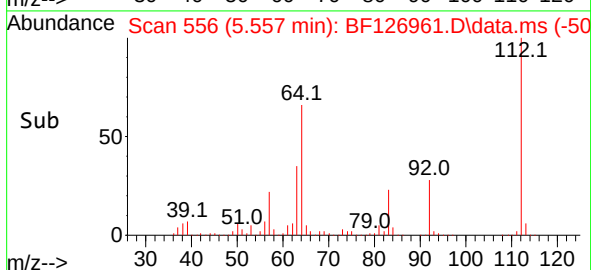
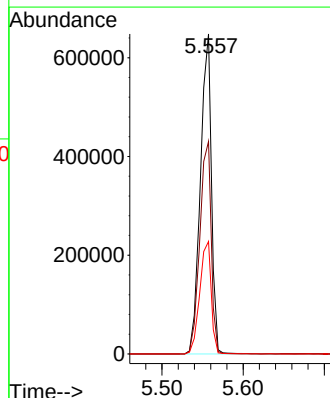
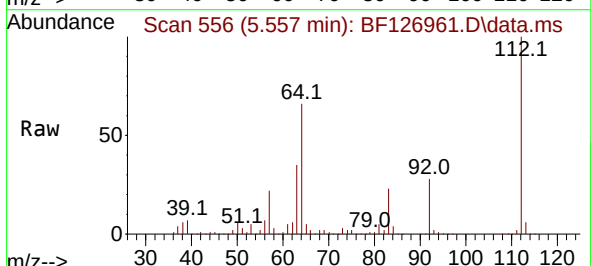
Instrument :
BNA_F
ClientSampleId :
C0AA8

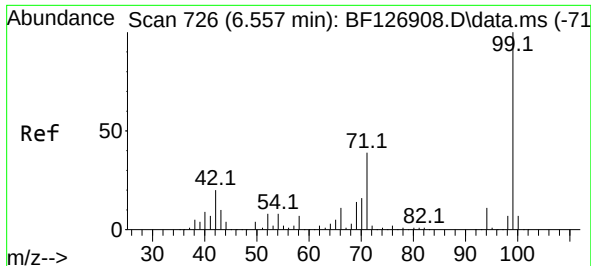
Tgt Ion:152 Resp: 99304
Ion Ratio Lower Upper
152 100
150 155.0 128.1 192.1
115 70.3 56.7 85.1



#5
2-Fluorophenol
Concen: 95.597 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.012 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

Tgt Ion:112 Resp: 614217
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 35.1 23.9 35.9

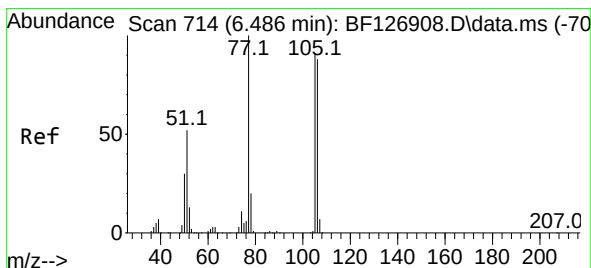
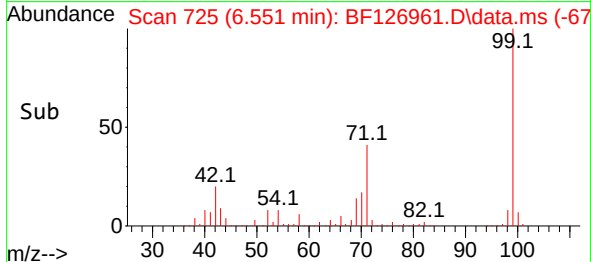
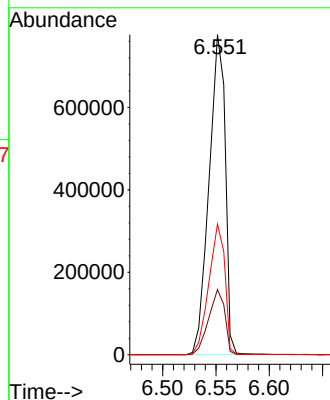
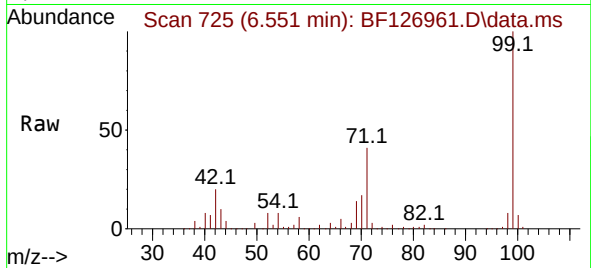




#7
Phenol-d6
Concen: 95.042 ng
RT: 6.551 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

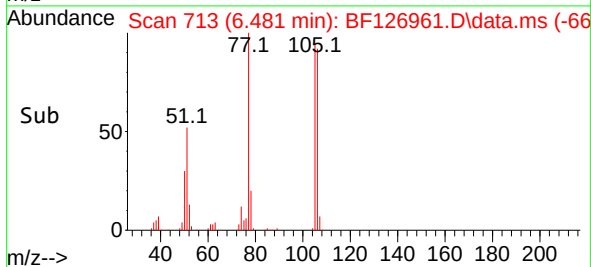
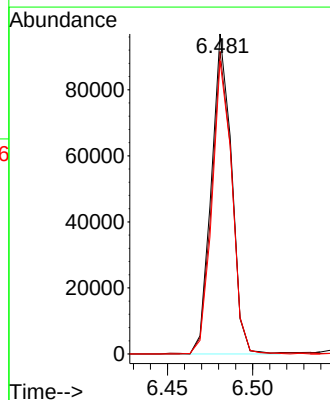
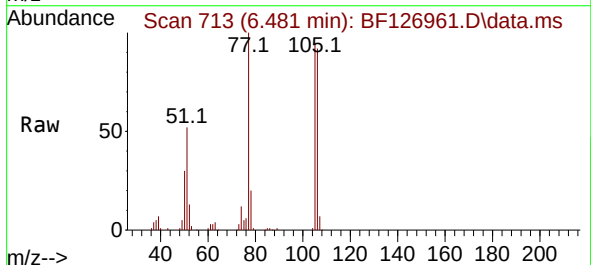
Instrument :
BNA_F
ClientSampleId :
C0AA8

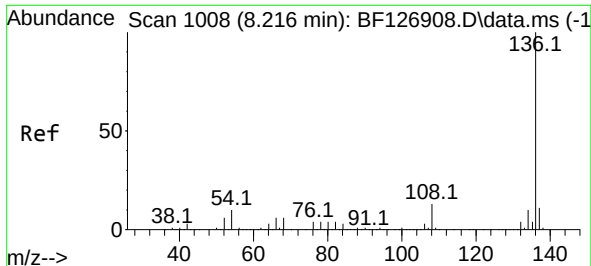
Tgt Ion: 99 Resp: 823986
Ion Ratio Lower Upper
99 100
42 20.3 14.2 21.4
71 40.8 24.3 36.5#



#9
Benzaldehyde
Concen: 15.124 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

Tgt Ion: 77 Resp: 79812
Ion Ratio Lower Upper
77 100
105 94.6 74.9 114.9
106 91.7 72.4 112.4

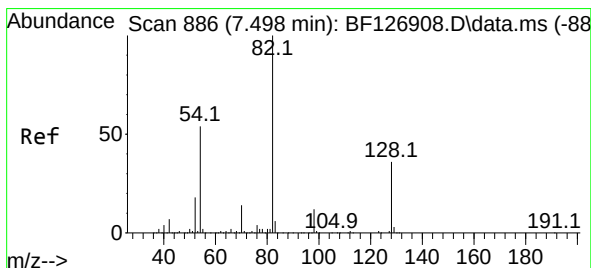
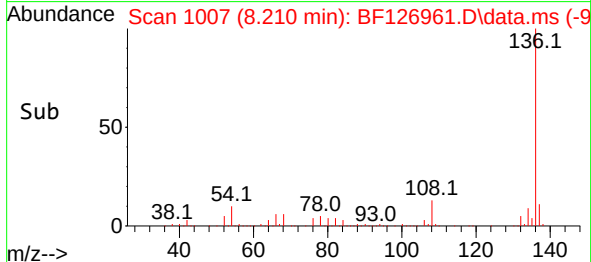
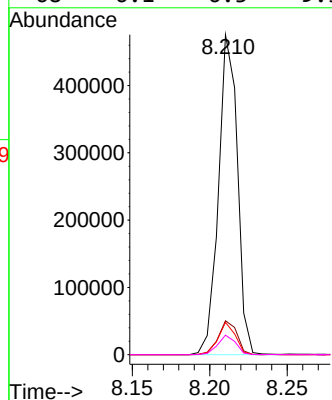
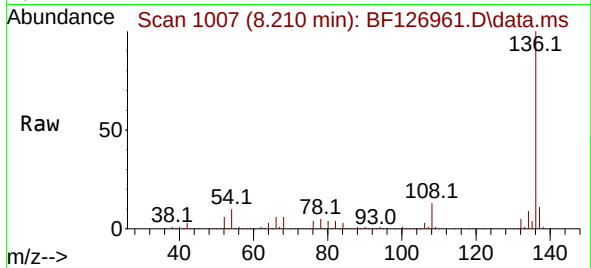




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

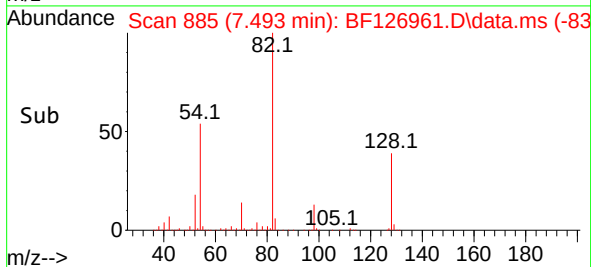
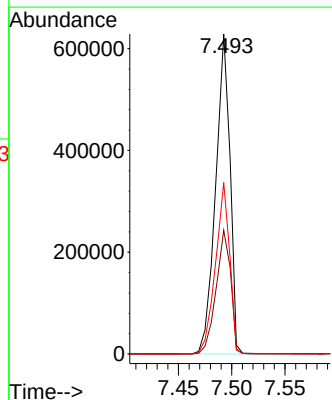
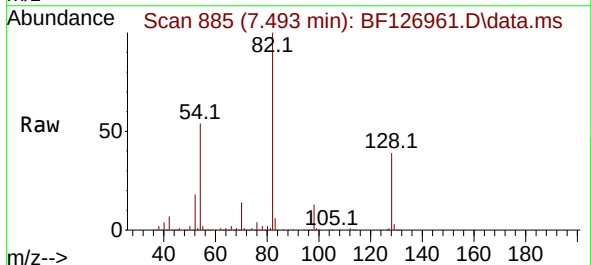
Instrument :
BNA_F
ClientSampleId :
C0AA8

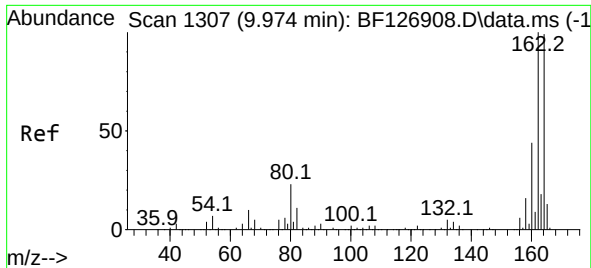
Tgt Ion:136 Resp: 404395
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.1 7.8 11.6
68 6.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 65.451 ng
RT: 7.493 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126961.D
Acq: 18 Feb 2022 19:31

Tgt Ion: 82 Resp: 586391
Ion Ratio Lower Upper
82 100
128 38.7 32.7 49.1
54 53.6 41.7 62.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126961.D

Acq: 18 Feb 2022 19:31

Instrument :

BNA_F

ClientSampleId :

C0AA8

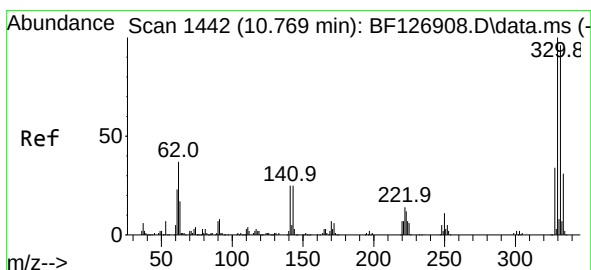
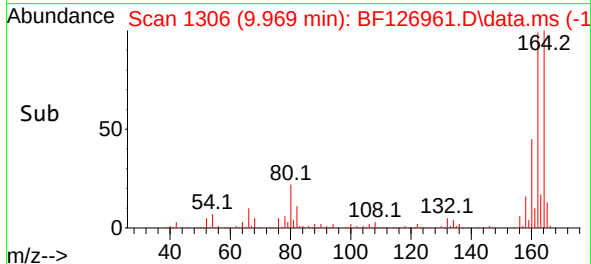
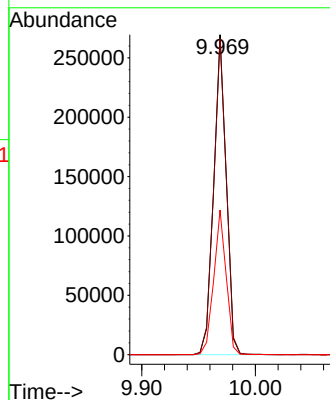
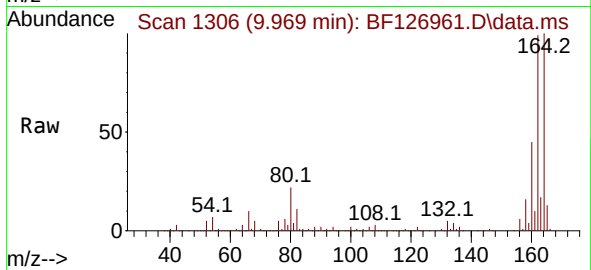
Tgt Ion:164 Resp: 205826

Ion Ratio Lower Upper

164 100

162 98.8 81.4 122.0

160 45.2 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 84.575 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF126961.D

Acq: 18 Feb 2022 19:31

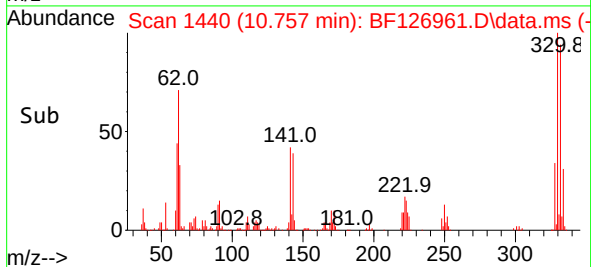
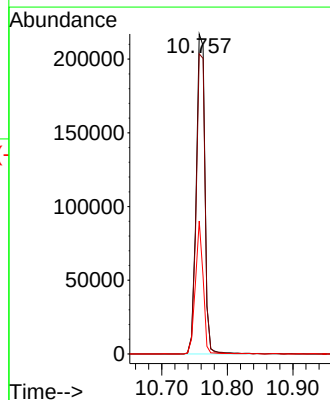
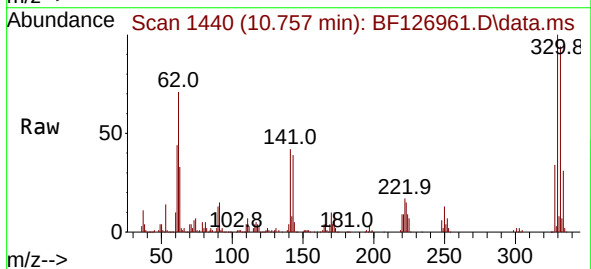
Tgt Ion:330 Resp: 200426

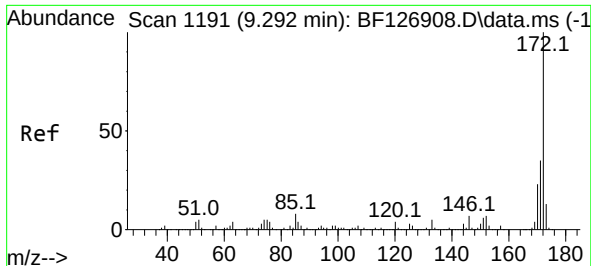
Ion Ratio Lower Upper

330 100

332 94.7 76.0 114.0

141 36.9 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 62.473 ng

RT: 9.287 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF126961.D

Acq: 18 Feb 2022 19:31

Instrument :

BNA_F

ClientSampleId :

C0AA8

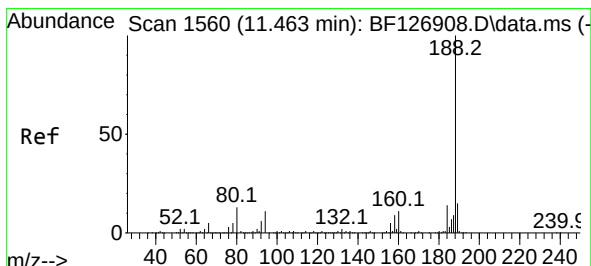
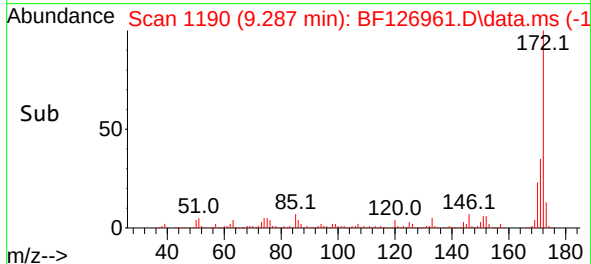
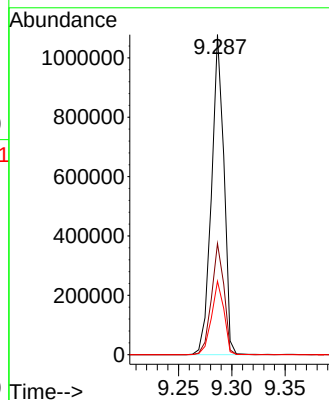
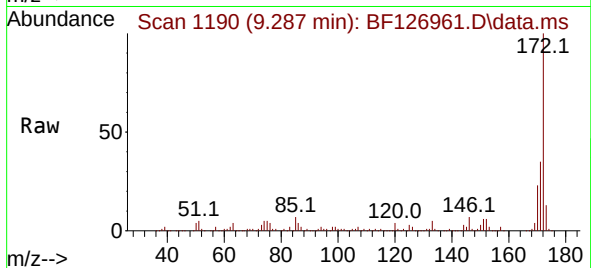
Tgt Ion:172 Resp: 873458

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.0 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 1559

Delta R.T. -0.006 min

Lab File: BF126961.D

Acq: 18 Feb 2022 19:31

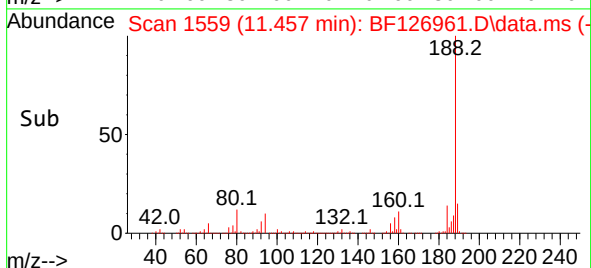
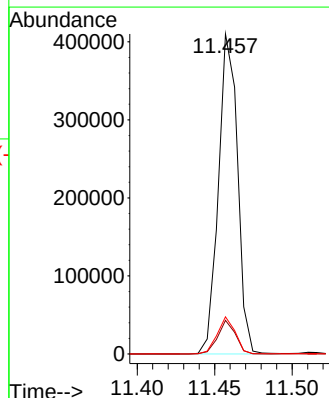
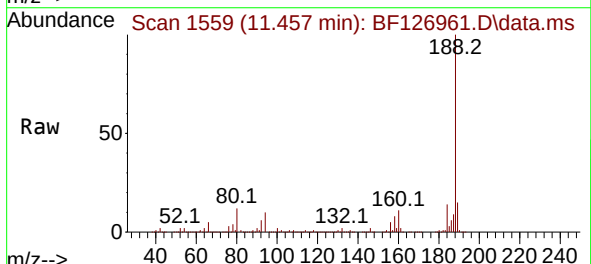
Tgt Ion:188 Resp: 352125

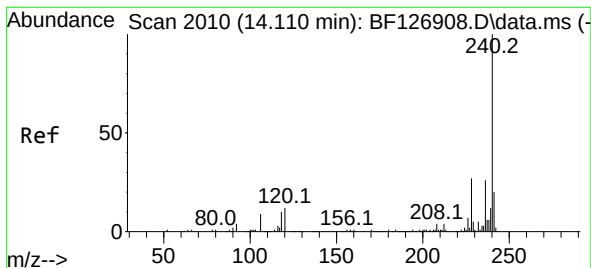
Ion Ratio Lower Upper

188 100

94 10.5 10.1 15.1

80 11.6 11.8 17.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF126961.D

Acq: 18 Feb 2022 19:31

Instrument :

BNA_F

ClientSampleId :

C0AA8

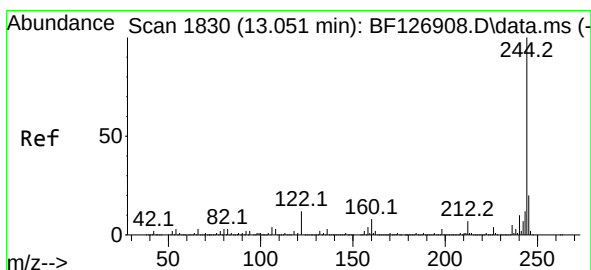
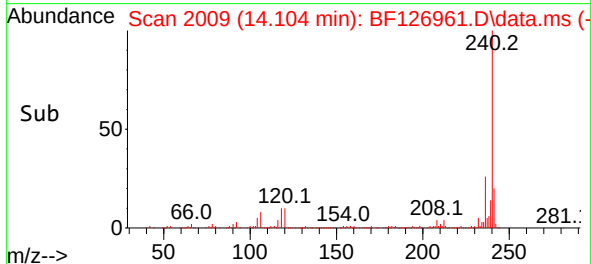
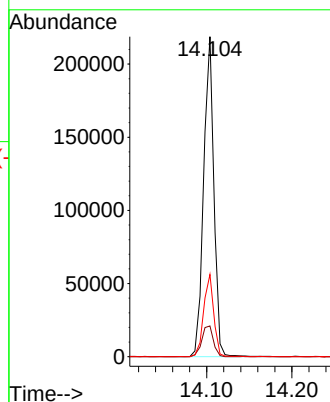
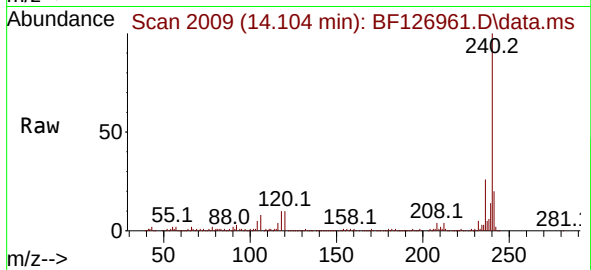
Tgt Ion:240 Resp: 182377

Ion Ratio Lower Upper

240 100

120 9.6 14.4 21.6#

236 25.7 20.5 30.7



#79

Terphenyl-d14

Concen: 66.462 ng

RT: 13.045 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF126961.D

Acq: 18 Feb 2022 19:31

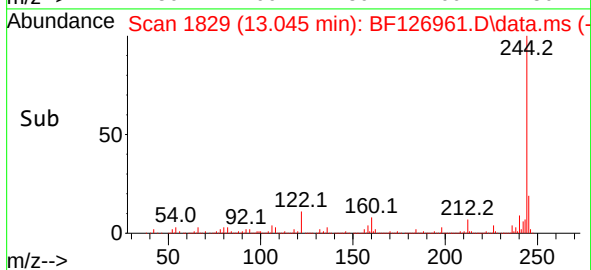
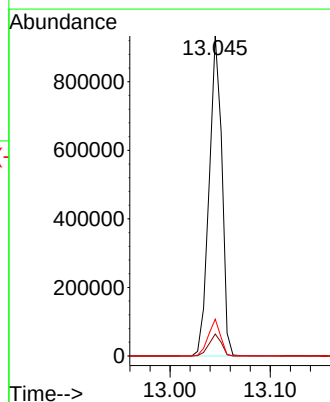
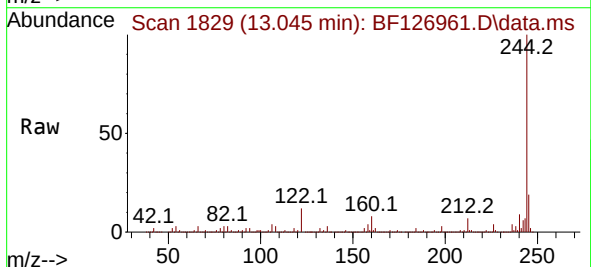
Tgt Ion:244 Resp: 824544

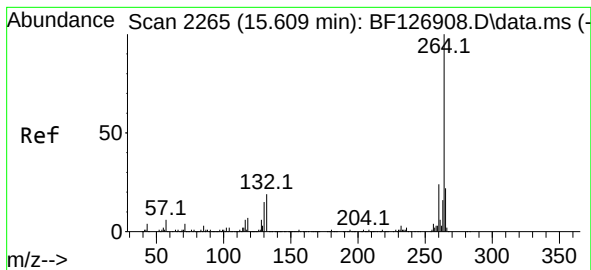
Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

122 11.5 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF126961.D

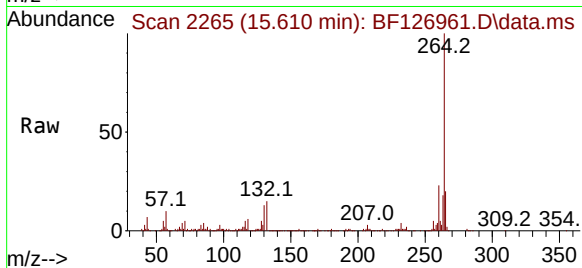
Acq: 18 Feb 2022 19:31

Instrument :

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Tgt Ion:264 Resp: 151687

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.3 17.4 26.2

