

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128937.D
 Acq On : 22 Jun 2022 17:54
 Operator : CG\JU
 Sample : N3421-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-21-23-20220620

Quant Time: Jun 23 01:30:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	109597	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	424800	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	248463	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	474369	20.000	ng	-0.01
76) Chrysene-d12	13.915	240	365341	20.000	ng	#-0.01
86) Perylene-d12	15.357	264	286463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	593131	86.203	ng	0.00
7) Phenol-d6	6.404	99	762874	90.829	ng	-0.01
23) Nitrobenzene-d5	7.316	82	550154	60.298	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	241260	82.181	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1054364	59.444	ng	-0.01
79) Terphenyl-d14	12.863	244	1213501	57.717	ng	0.00

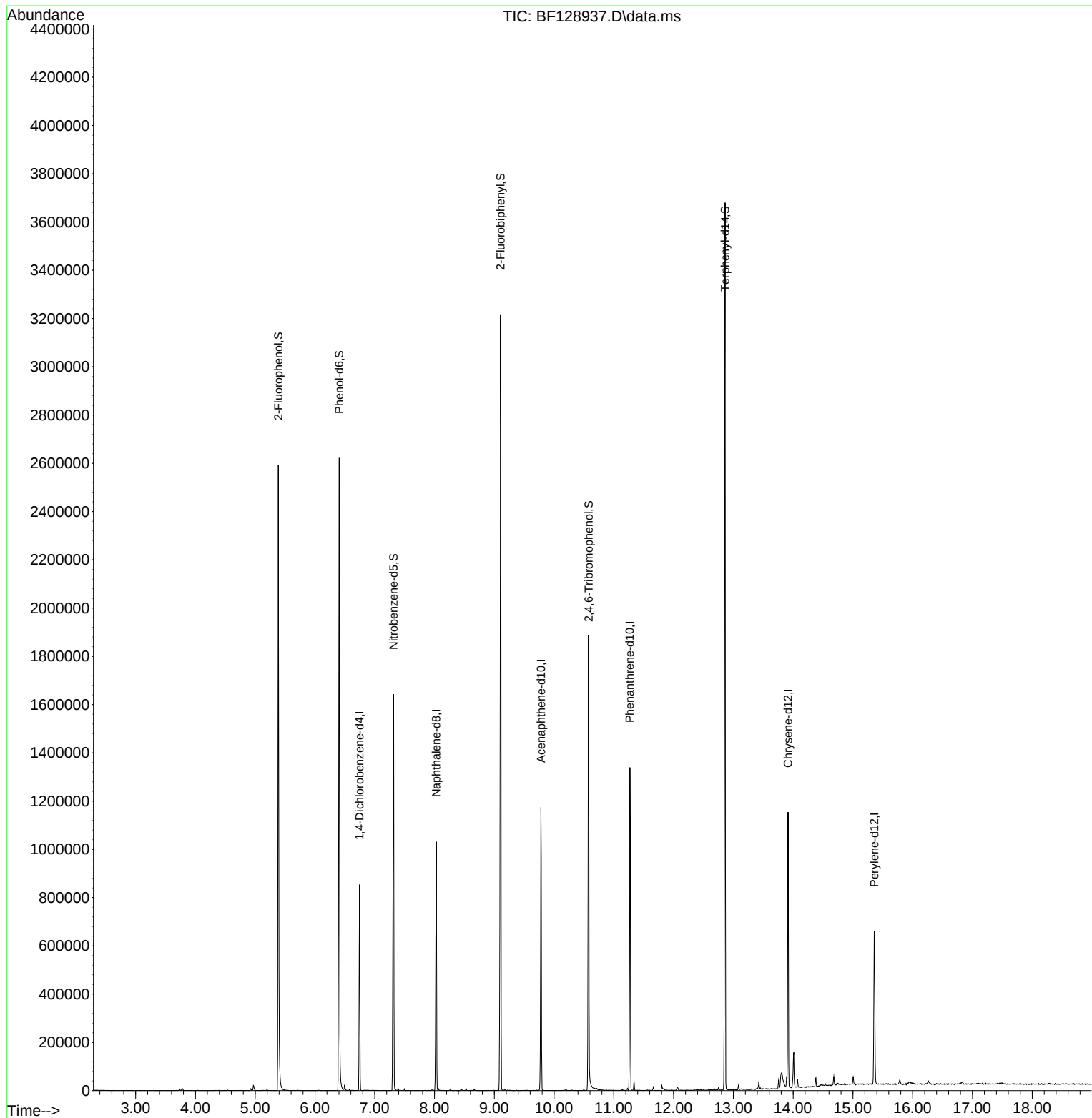
Target Compounds	Qvalue

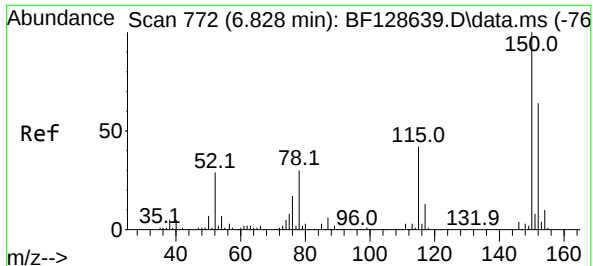
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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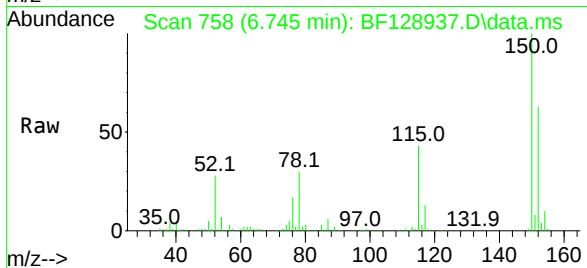
Quant Time: Jun 23 01:30:58 2022
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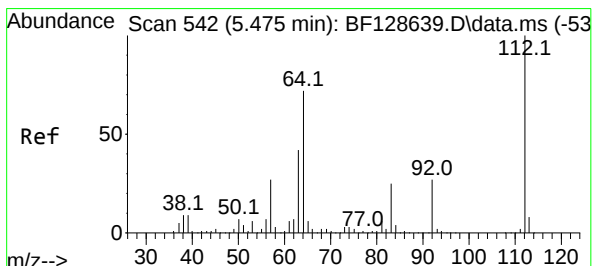
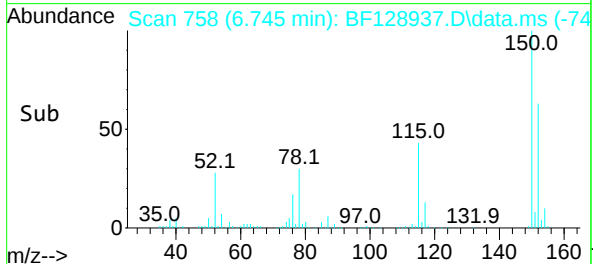
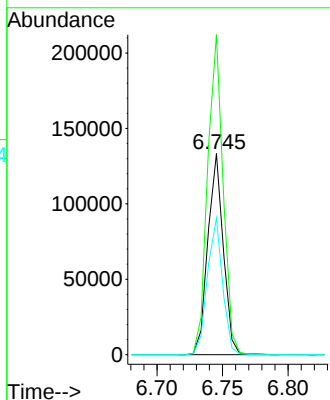


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

Instrument :
BNA_F
ClientSampleId :
SB-1-21-23-20220620

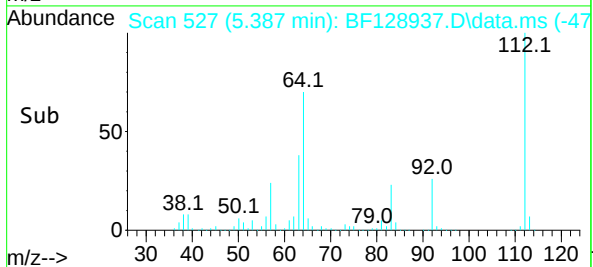
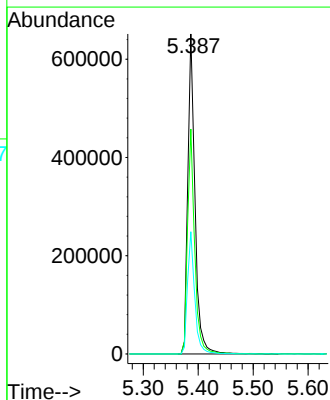
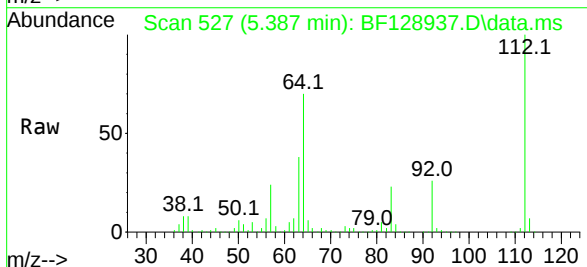


Tgt Ion:152 Resp: 109597
Ion Ratio Lower Upper
152 100
150 159.1 123.7 185.5
115 68.0 49.9 74.9



#5
2-Fluorophenol
Concen: 86.203 ng
RT: 5.387 min Scan# 527
Delta R.T. -0.000 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

Tgt Ion:112 Resp: 593131
Ion Ratio Lower Upper
112 100
64 70.3 53.3 79.9
63 38.2 28.0 42.0

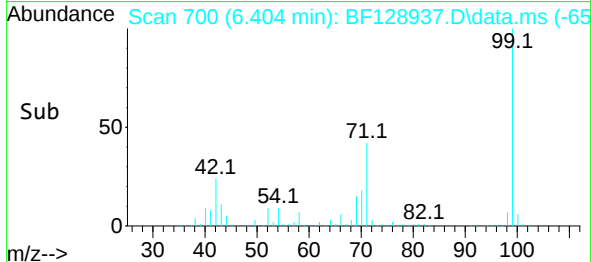
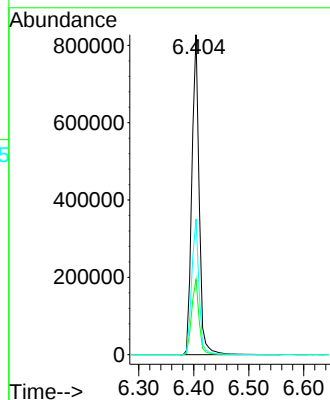
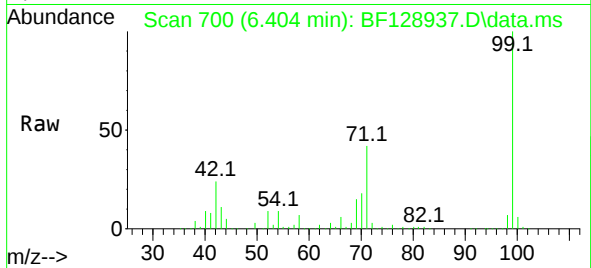




#7
Phenol-d6
Concen: 90.829 ng
RT: 6.404 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

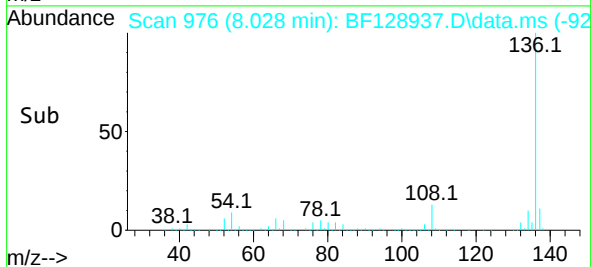
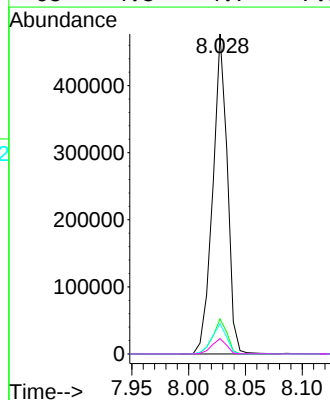
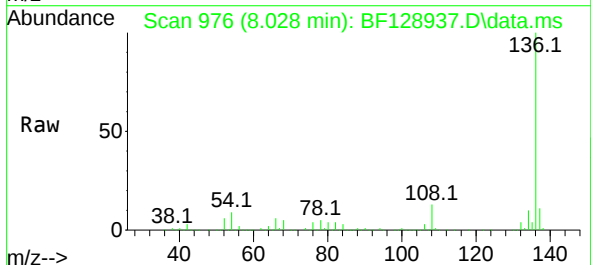
Instrument :
BNA_F
ClientSampleId :
SB-1-21-23-20220620

Tgt Ion: 99 Resp: 762874
Ion Ratio Lower Upper
99 100
42 23.6 17.3 25.9
71 42.5 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

Tgt Ion: 136 Resp: 424800
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.4 7.5 11.3
68 4.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 60.298 ng

RT: 7.316 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF128937.D

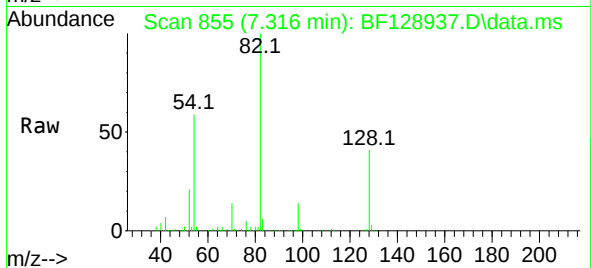
Acq: 22 Jun 2022 17:54

Instrument :

BNA_F

ClientSampleId :

SB-1-21-23-20220620



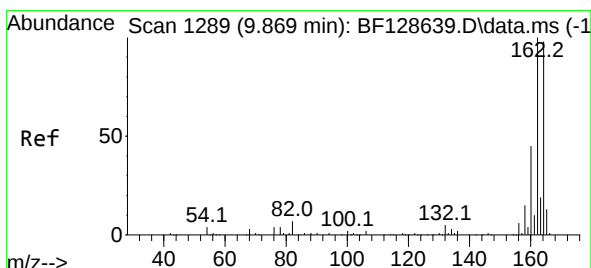
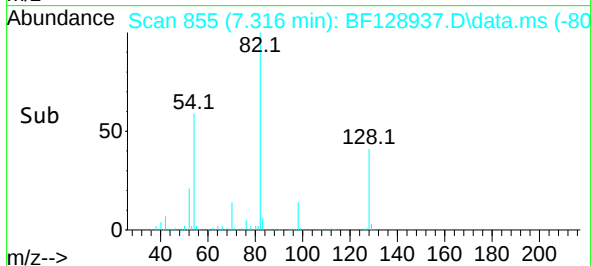
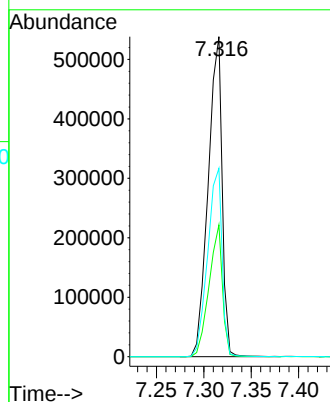
Tgt Ion: 82 Resp: 550154

Ion Ratio Lower Upper

82 100

128 41.2 34.0 51.0

54 58.9 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1274

Delta R.T. -0.012 min

Lab File: BF128937.D

Acq: 22 Jun 2022 17:54

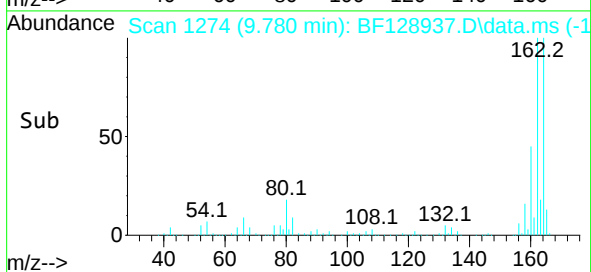
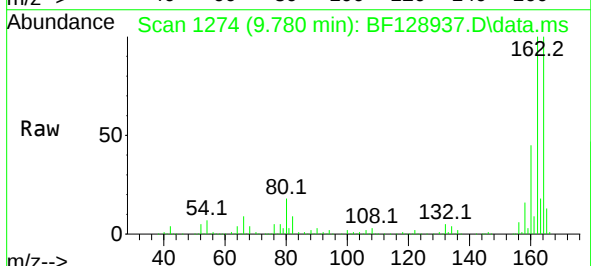
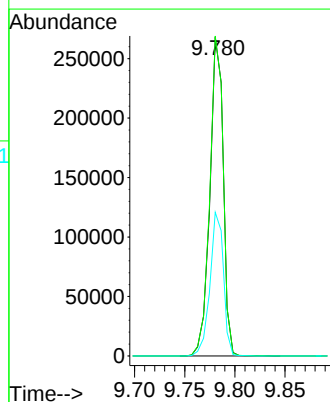
Tgt Ion: 164 Resp: 248463

Ion Ratio Lower Upper

164 100

162 100.4 79.5 119.3

160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 82.181 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128937.D

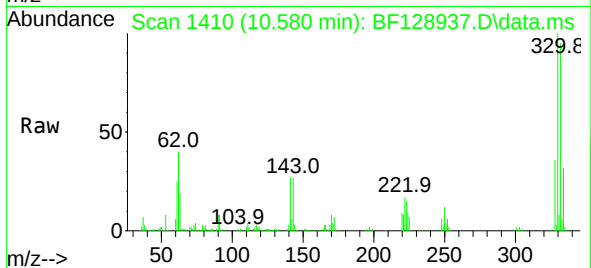
Acq: 22 Jun 2022 17:54

Instrument :

BNA_F

ClientSampleId :

SB-1-21-23-20220620



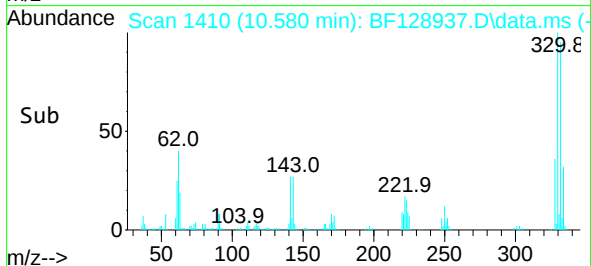
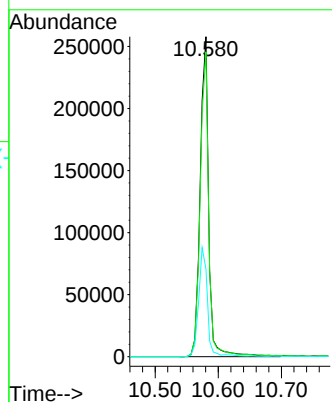
Tgt Ion:330 Resp: 241260

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 59.444 ng

RT: 9.104 min Scan# 1159

Delta R.T. -0.012 min

Lab File: BF128937.D

Acq: 22 Jun 2022 17:54

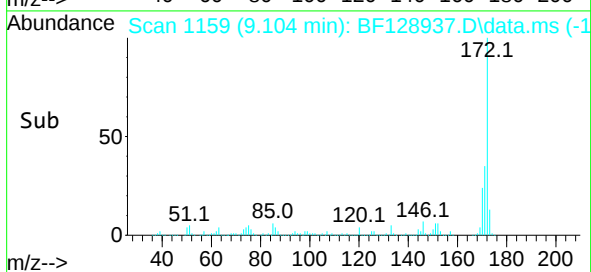
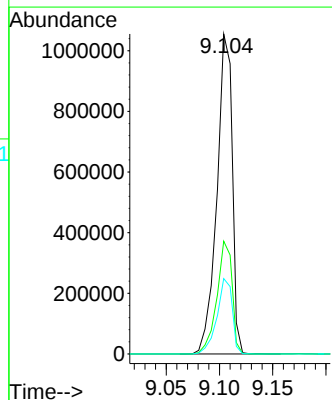
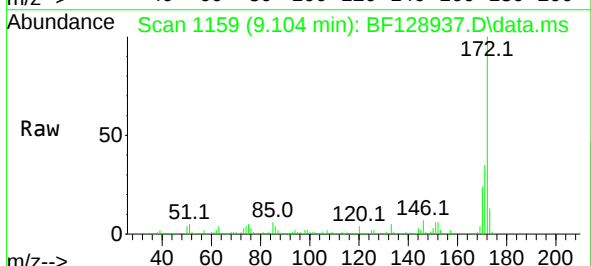
Tgt Ion:172 Resp: 1054364

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.5 19.8 29.8

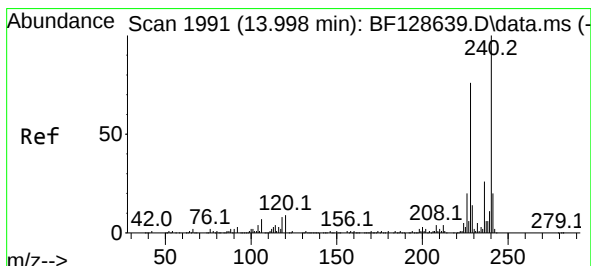
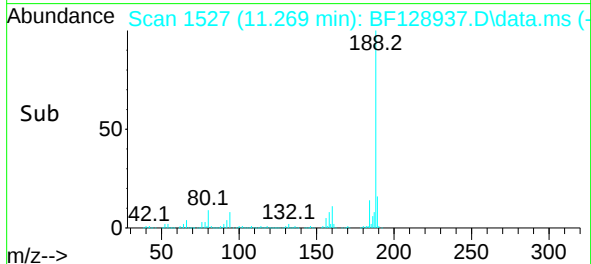
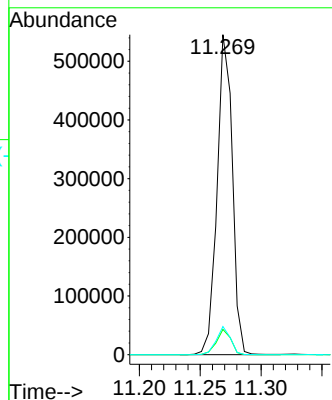
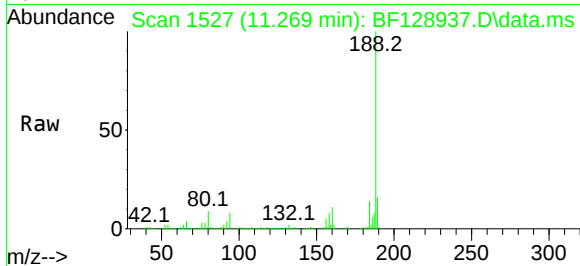




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

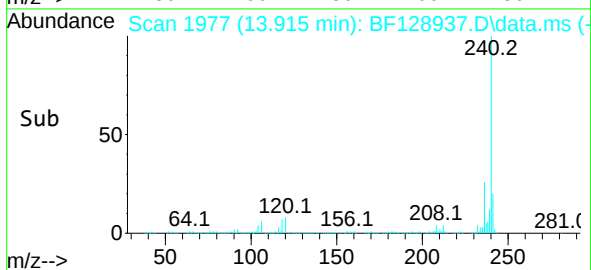
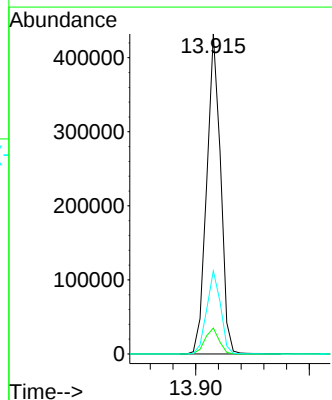
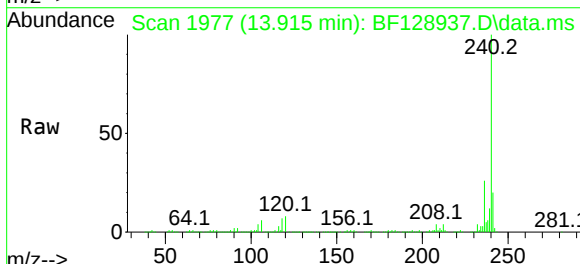
Instrument :
BNA_F
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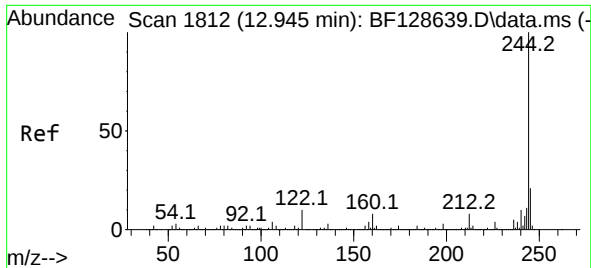
Tgt Ion:188 Resp: 474369
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

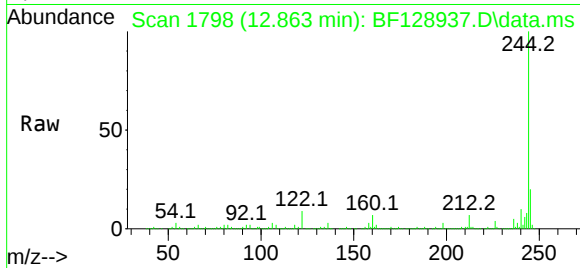
Tgt Ion:240 Resp: 365341
Ion Ratio Lower Upper
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120 8.1 8.9 13.3#
236 25.9 20.8 31.2



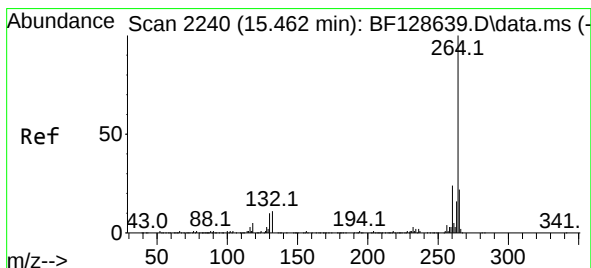
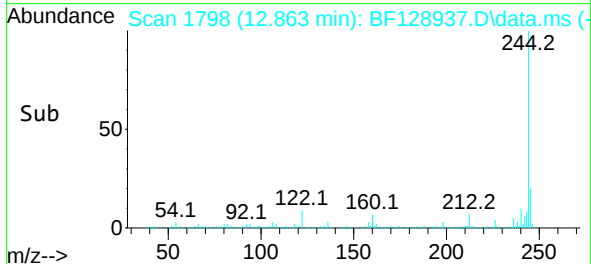
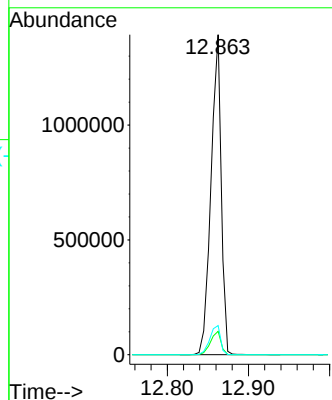


#79
 Terphenyl-d14
 Concen: 57.717 ng
 RT: 12.863 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128937.D
 Acq: 22 Jun 2022 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-21-23-20220620



Tgt Ion:244 Resp: 1213501
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.357 min Scan# 2222
 Delta R.T. -0.006 min
 Lab File: BF128937.D
 Acq: 22 Jun 2022 17:54

Tgt Ion:264 Resp: 286463
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.4 17.2 25.8

