

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130087.D
 Acq On : 01 Sep 2022 20:20
 Operator : CG\JU
 Sample : N4387-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251563-2

Quant Time: Sep 02 04:03:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	229997	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	901227	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	481087	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	784050	20.000	ng	0.00
76) Chrysene-d12	13.839	240	532042	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	444914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	717346	52.949	ng	0.00
7) Phenol-d6	6.322	99	515606	30.527	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1313458	93.662	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	561825	128.293	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2364296	81.480	ng	0.00
79) Terphenyl-d14	12.804	244	2396154	78.100	ng	0.00

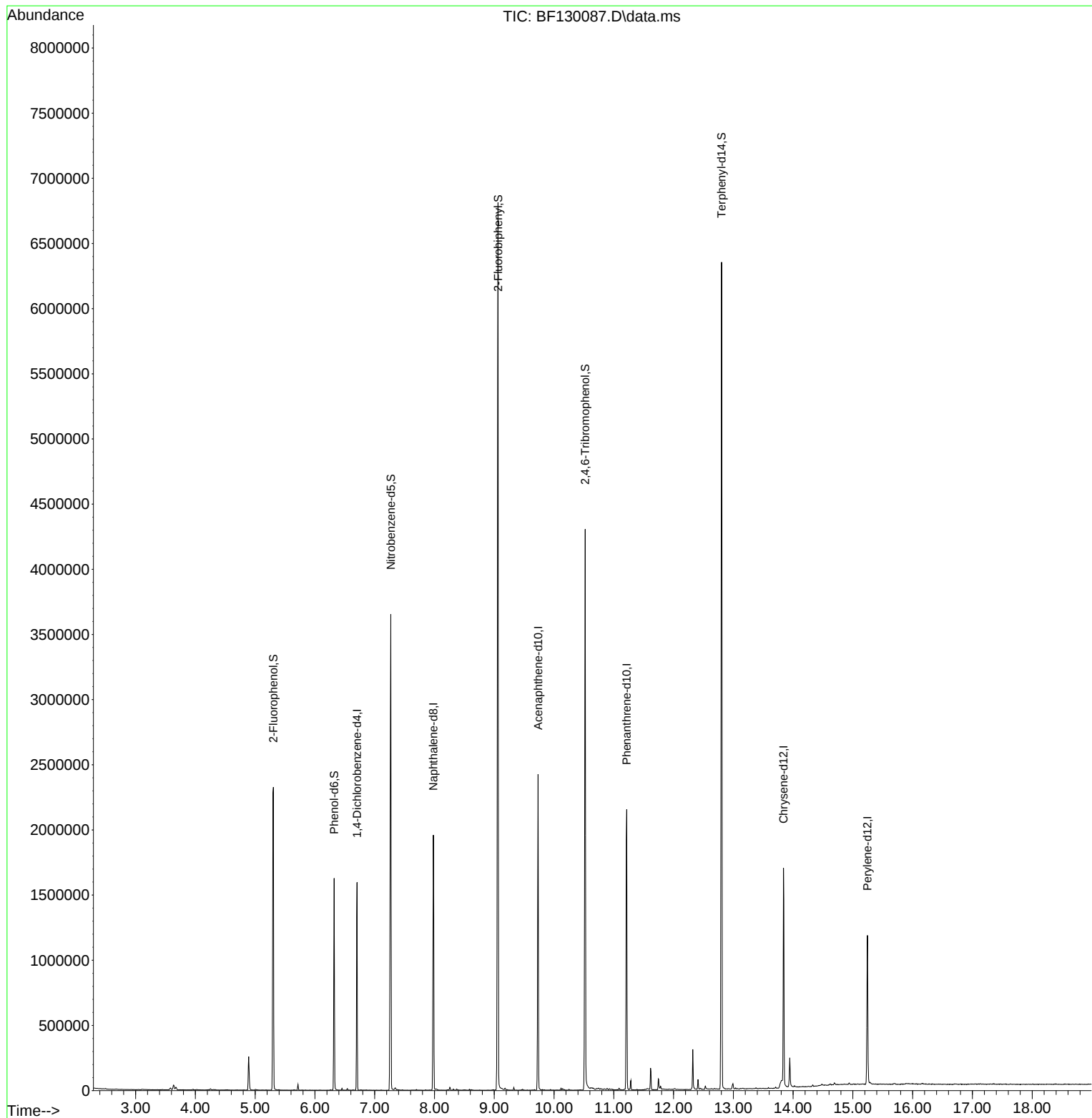
Target Compounds	Qvalue

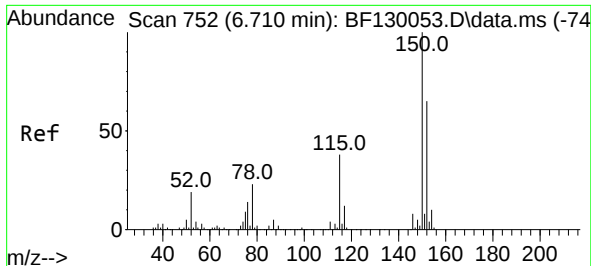
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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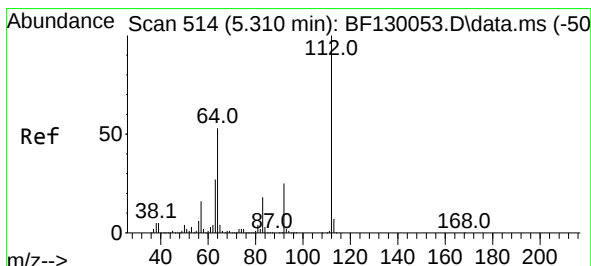
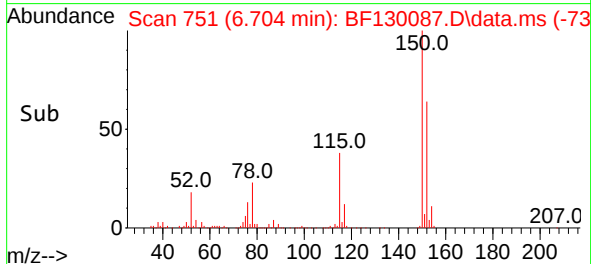
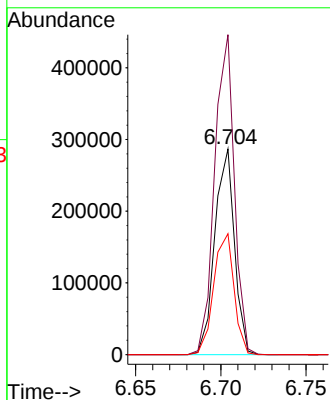
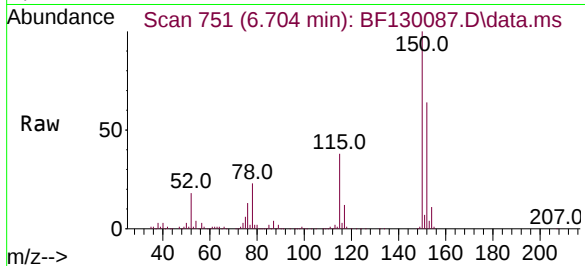




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130087.D
 Acq: 01 Sep 2022 20:20

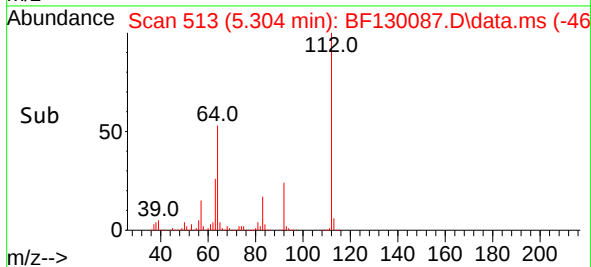
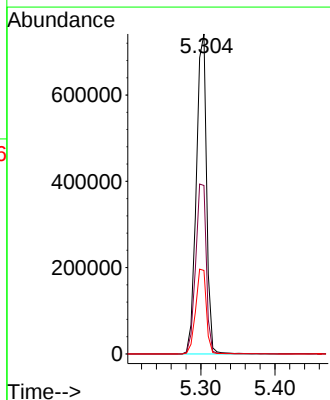
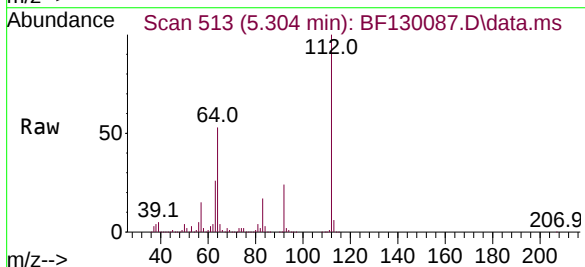
Instrument :
 BNA_F
 ClientSampleId :
 251563-2

Tgt Ion:152 Resp: 229997
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.9 190.3
 115 58.8 53.4 80.0



#5
 2-Fluorophenol
 Concen: 52.949 ng
 RT: 5.304 min Scan# 513
 Delta R.T. -0.006 min
 Lab File: BF130087.D
 Acq: 01 Sep 2022 20:20

Tgt Ion:112 Resp: 717346
 Ion Ratio Lower Upper
 112 100
 64 52.6 47.6 71.4
 63 26.1 24.6 37.0

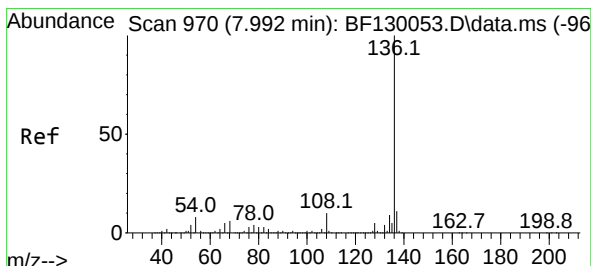
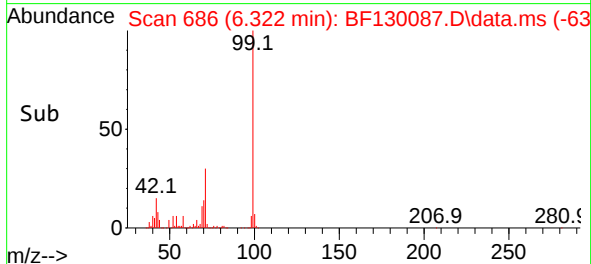
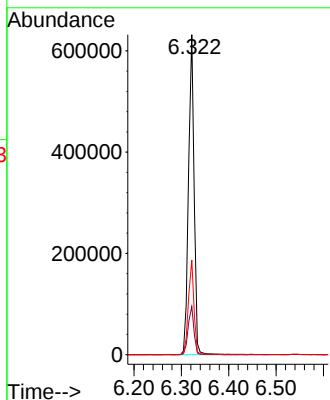
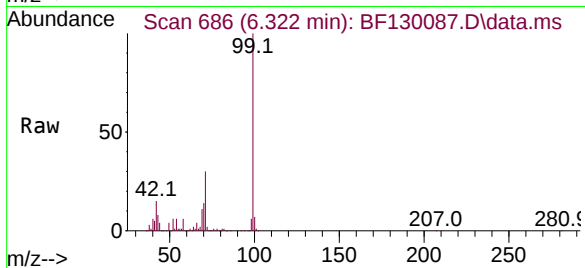




#7
Phenol-d6
Concen: 30.527 ng
RT: 6.322 min Scan# 68
Delta R.T. -0.024 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

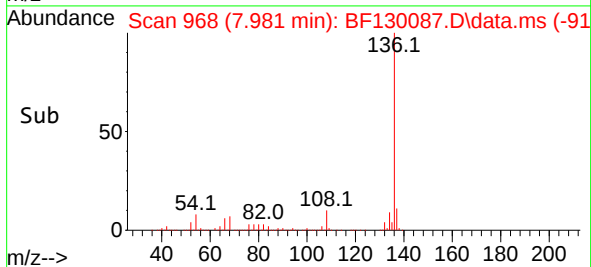
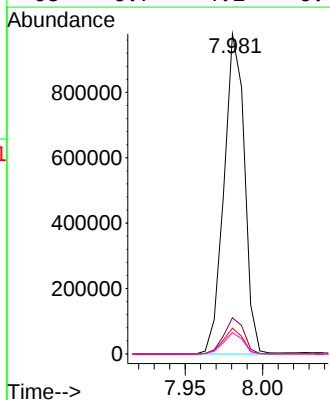
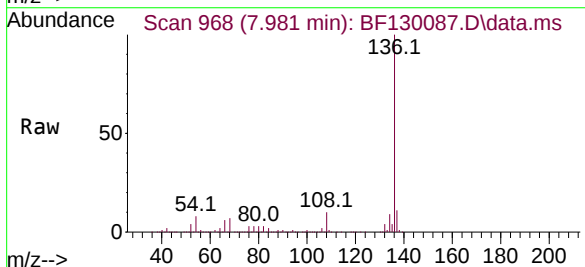
Instrument :
BNA_F
ClientSampleId :
251563-2

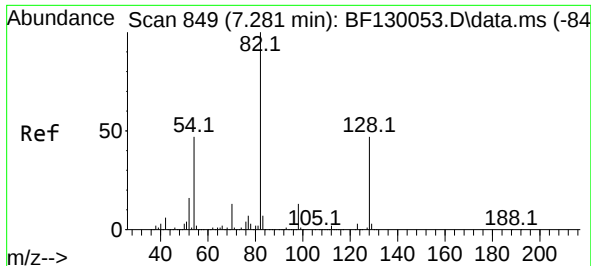
Tgt Ion: 99 Resp: 515606
Ion Ratio Lower Upper
99 100
42 15.0 15.0 22.4
71 29.6 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

Tgt Ion: 136 Resp: 901227
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.0 6.2 9.2
68 6.7 4.2 6.4





#23

Nitrobenzene-d5

Concen: 93.662 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130087.D

Acq: 01 Sep 2022 20:20

Instrument :

BNA_F

ClientSampleId :

251563-2

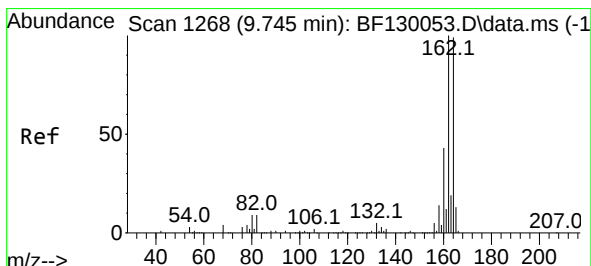
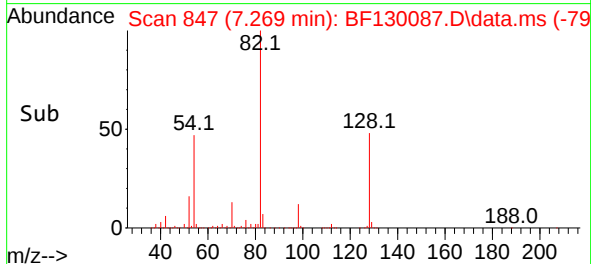
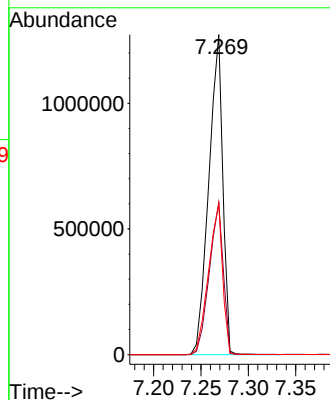
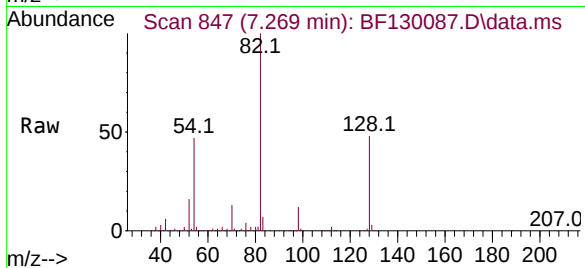
Tgt Ion: 82 Resp: 1313458

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

54 47.2 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.012 min

Lab File: BF130087.D

Acq: 01 Sep 2022 20:20

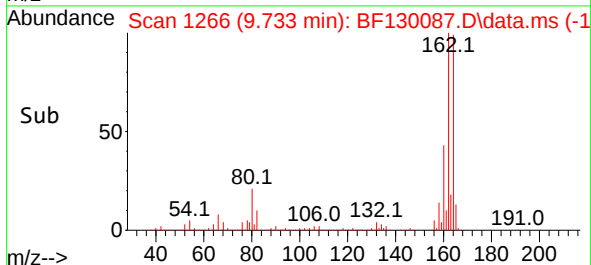
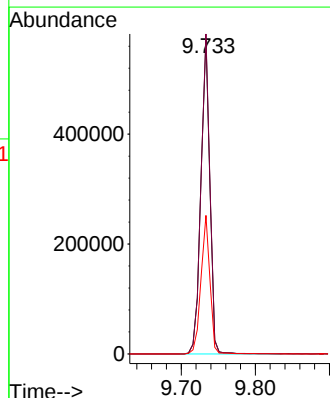
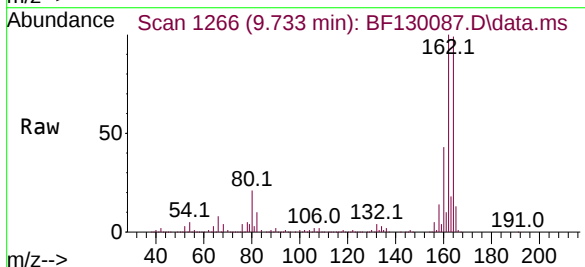
Tgt Ion:164 Resp: 481087

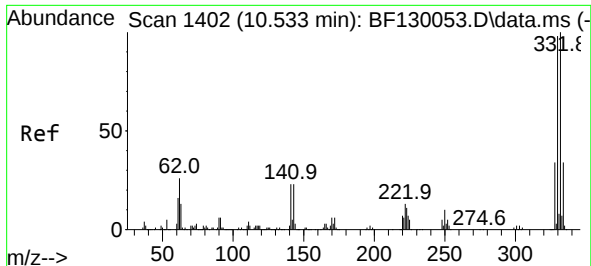
Ion Ratio Lower Upper

164 100

162 101.4 82.0 123.0

160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 128.293 ng

RT: 10.522 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BF130087.D

Acq: 01 Sep 2022 20:20

Instrument :

BNA_F

ClientSampleId :

251563-2

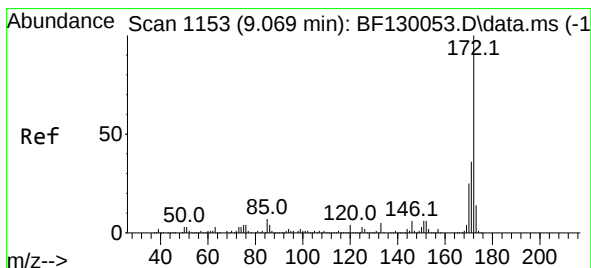
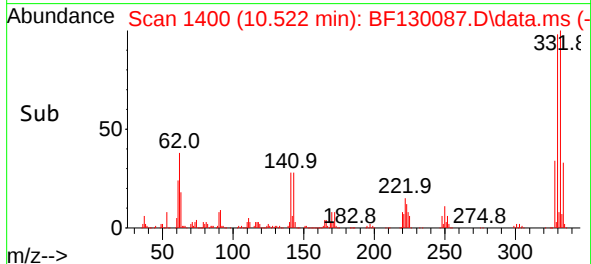
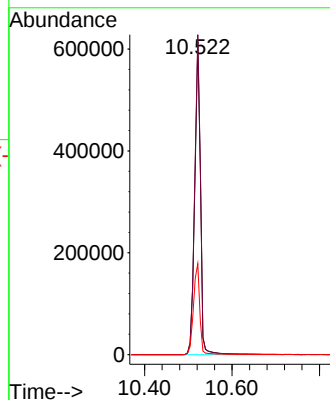
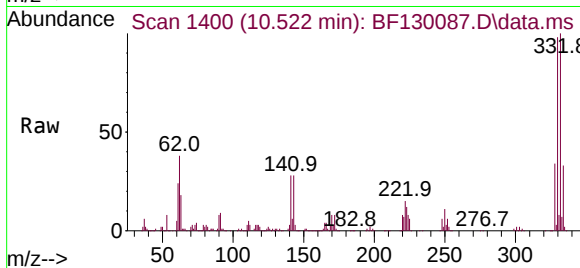
Tgt Ion:330 Resp: 561825

Ion Ratio Lower Upper

330 100

332 102.6 82.6 124.0

141 31.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 81.480 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130087.D

Acq: 01 Sep 2022 20:20

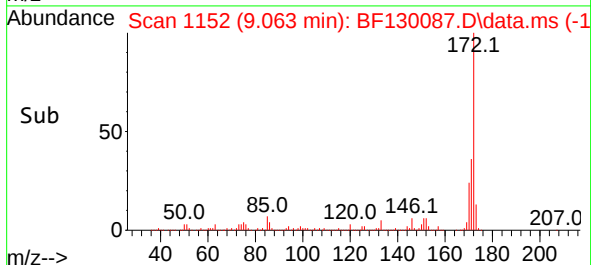
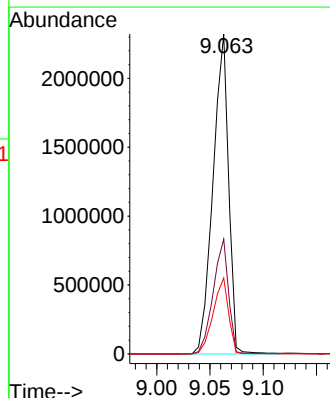
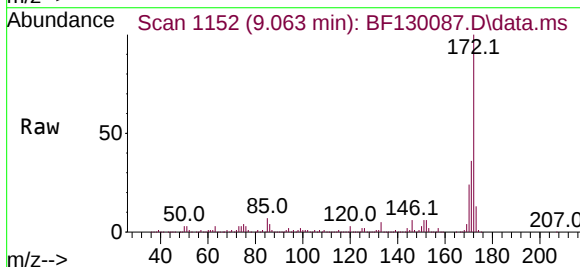
Tgt Ion:172 Resp: 2364296

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.7 19.1 28.7

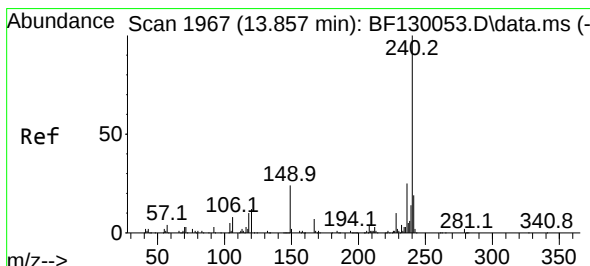
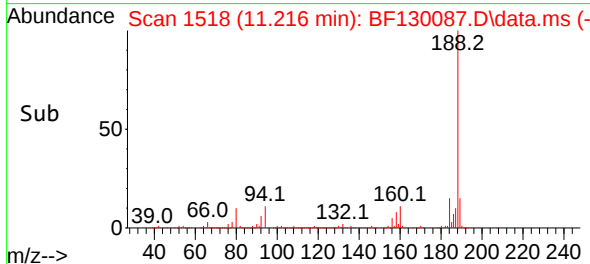
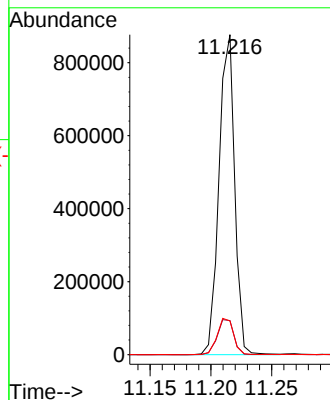
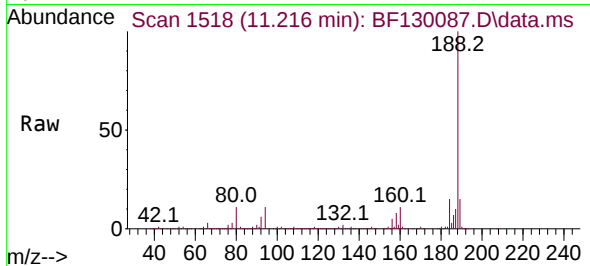




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

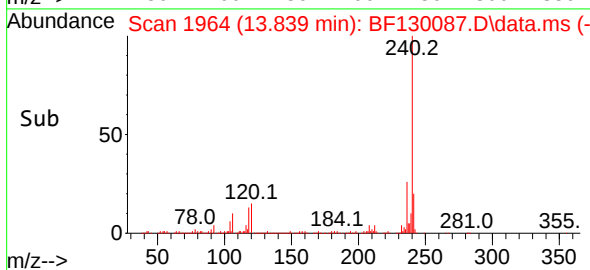
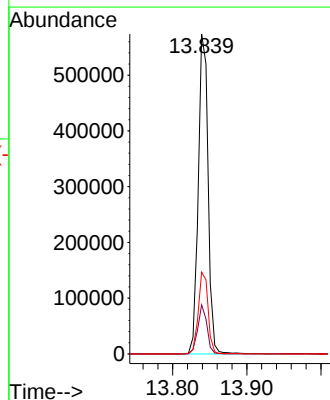
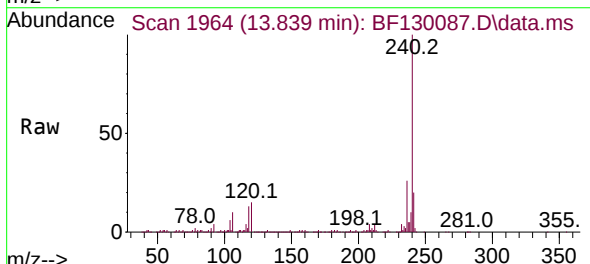
Instrument :
BNA_F
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251563-2

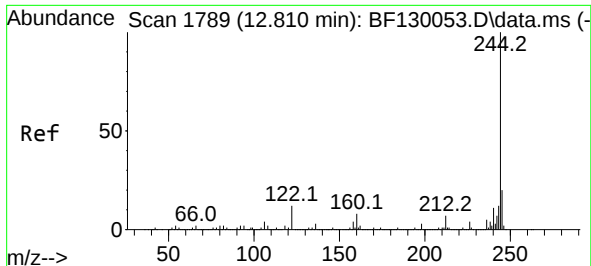
Tgt Ion:188 Resp: 784050
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 10.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130087.D
Acq: 01 Sep 2022 20:20

Tgt Ion:240 Resp: 532042
Ion Ratio Lower Upper
240 100
120 15.3 9.2 13.8#
236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 78.100 ng

RT: 12.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130087.D

Acq: 01 Sep 2022 20:20

Instrument :

BNA_F

ClientSampleId :

251563-2

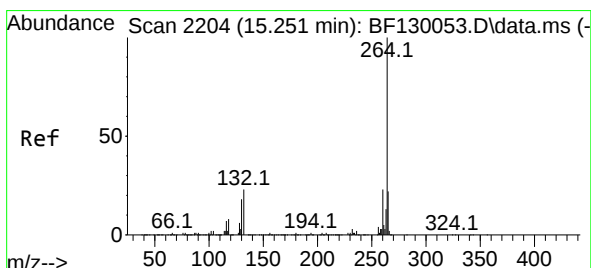
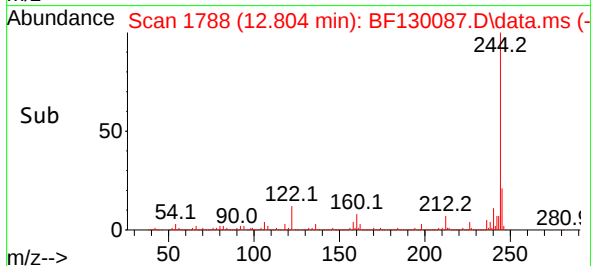
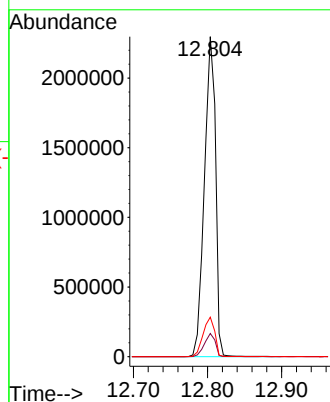
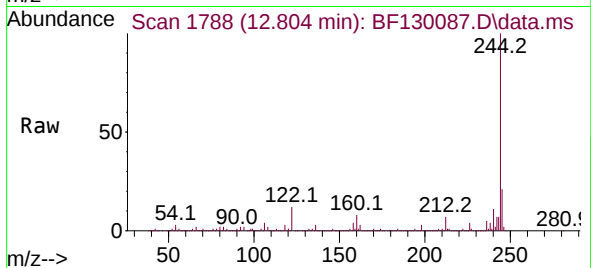
Tgt Ion:244 Resp: 2396154

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 12.3 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.245 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BF130087.D

Acq: 01 Sep 2022 20:20

Tgt Ion:264 Resp: 444914

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.2 16.7 25.1

