

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
 Data File : BF128834.D
 Acq On : 16 Jun 2022 12:25
 Operator : CG\JU
 Sample : PB145561BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145561BL

Quant Time: Jun 17 02:16:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	51734	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	201923	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	121918	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	236405	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	189324	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	160730	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	896597	276.052	ng	0.02
7) Phenol-d6	6.445	99	1024583	258.429	ng	0.00
23) Nitrobenzene-d5	7.357	82	675122	155.667	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	325293	225.816	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1380301	158.592	ng	0.00
79) Terphenyl-d14	12.915	244	1668603	153.146	ng	0.01

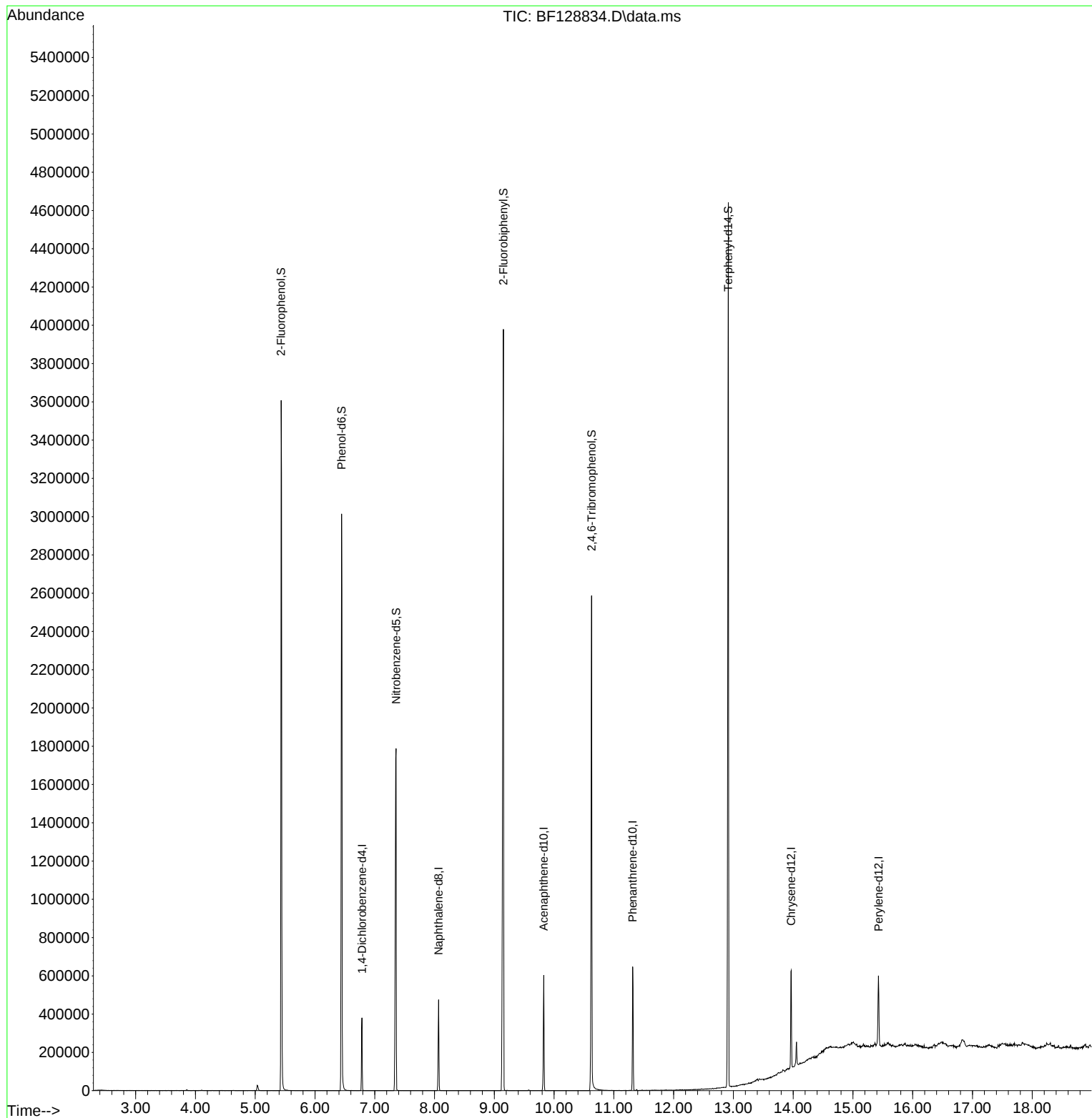
Target Compounds	Qvalue

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

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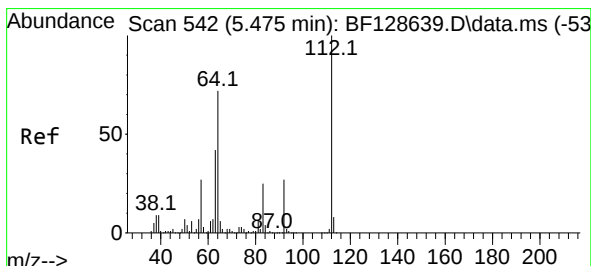
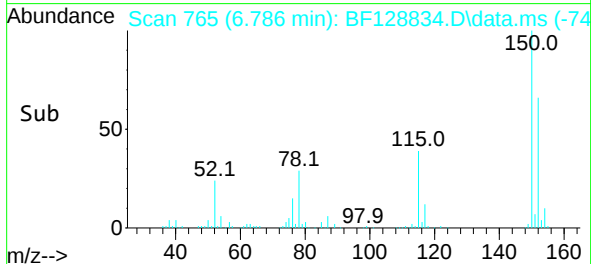
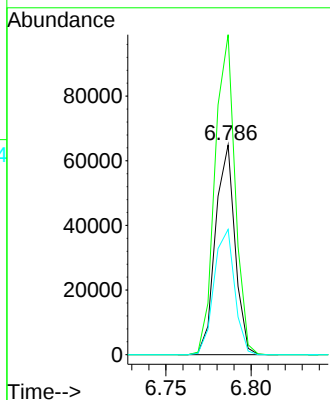
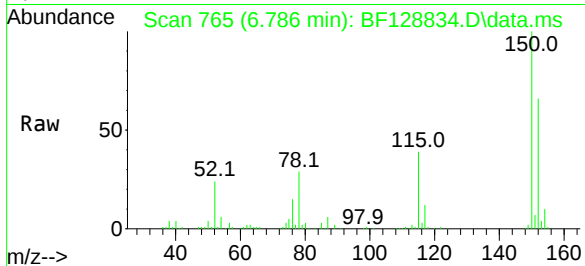




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128834.D
Acq: 16 Jun 2022 12:25

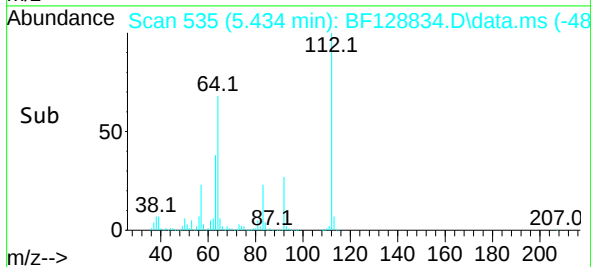
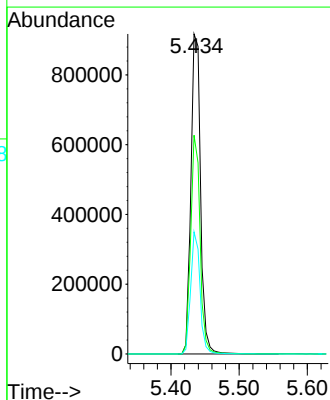
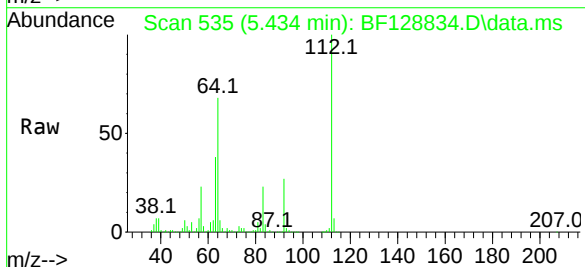
Instrument :
BNA_F
ClientSampleId :
PB145561BL

Tgt Ion:152 Resp: 51734
Ion Ratio Lower Upper
152 100
150 152.6 123.7 185.5
115 59.8 49.9 74.9



#5
2-Fluorophenol
Concen: 276.052 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.018 min
Lab File: BF128834.D
Acq: 16 Jun 2022 12:25

Tgt Ion:112 Resp: 896597
Ion Ratio Lower Upper
112 100
64 68.4 53.3 79.9
63 38.1 28.0 42.0

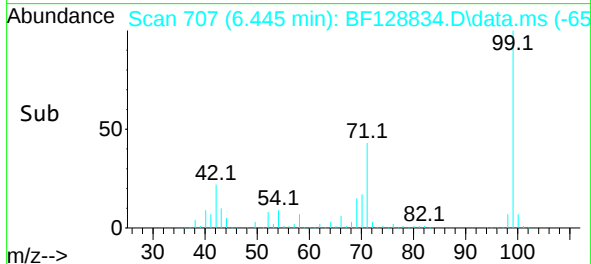
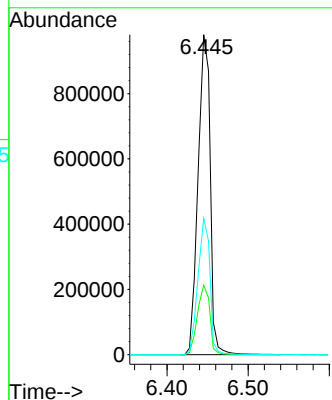
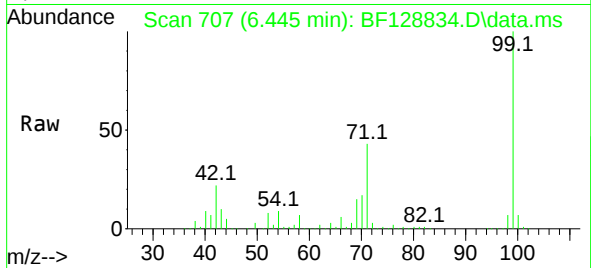




#7
Phenol-d6
Concen: 258.429 ng
RT: 6.445 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF128834.D
Acq: 16 Jun 2022 12:25

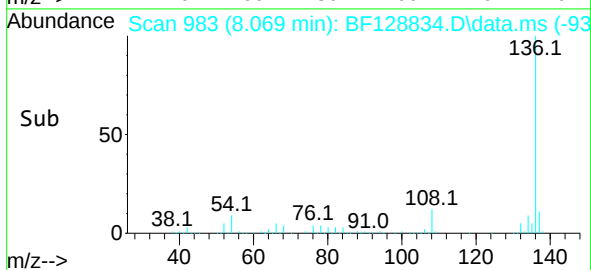
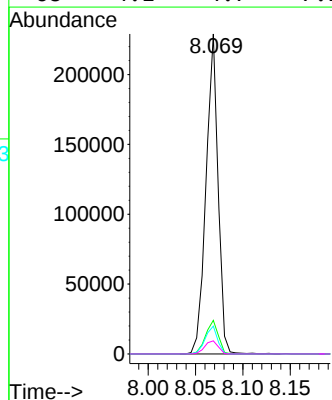
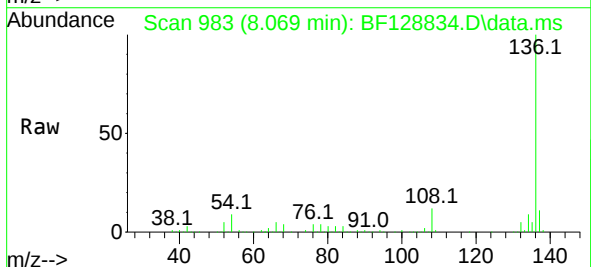
Instrument :
BNA_F
ClientSampleId :
PB145561BL

Tgt Ion: 99 Resp: 1024583
Ion Ratio Lower Upper
99 100
42 21.7 17.3 25.9
71 42.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF128834.D
Acq: 16 Jun 2022 12:25

Tgt Ion: 136 Resp: 201923
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.7 7.5 11.3
68 4.1 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 155.667 ng

RT: 7.357 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF128834.D

Acq: 16 Jun 2022 12:25

Instrument :

BNA_F

ClientSampleId :

PB145561BL

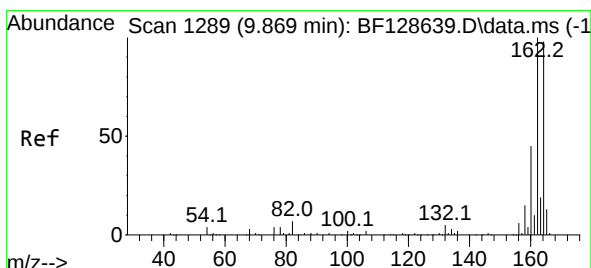
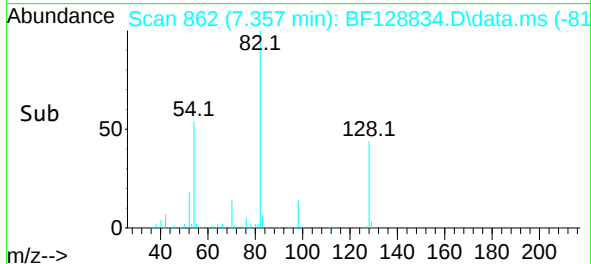
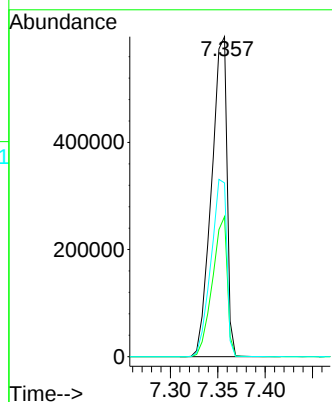
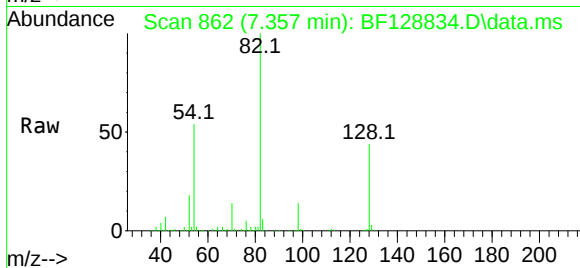
Tgt Ion: 82 Resp: 675122

Ion Ratio Lower Upper

82 100

128 43.8 34.0 51.0

54 54.3 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF128834.D

Acq: 16 Jun 2022 12:25

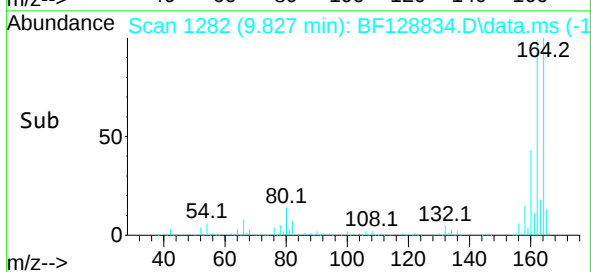
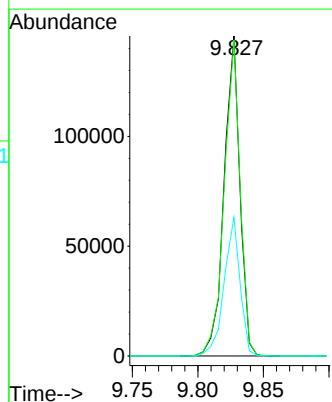
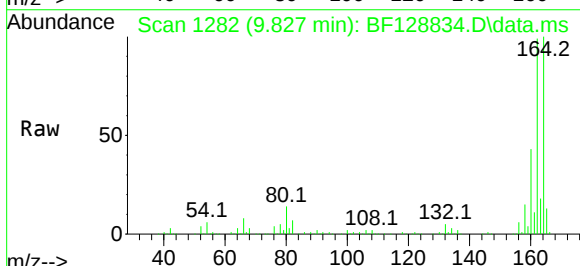
Tgt Ion:164 Resp: 121918

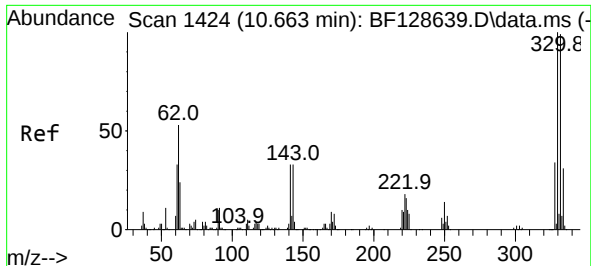
Ion Ratio Lower Upper

164 100

162 98.8 79.5 119.3

160 43.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 225.816 ng

RT: 10.627 min Scan# 1424

Delta R.T. 0.006 min

Lab File: BF128834.D

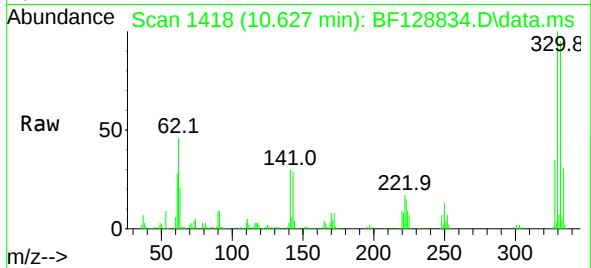
Acq: 16 Jun 2022 12:25

Instrument :

BNA_F

ClientSampleId :

PB145561BL



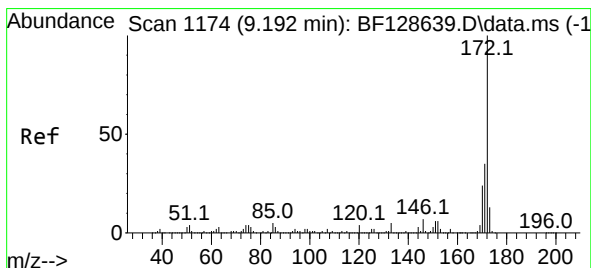
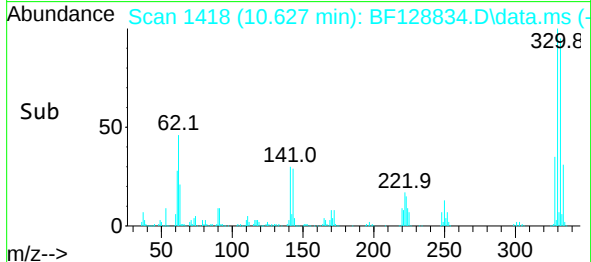
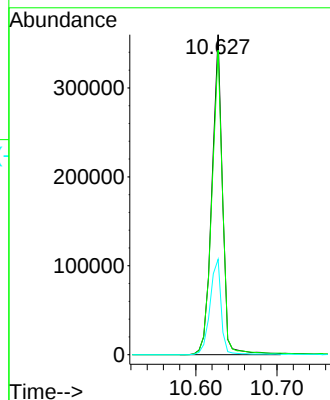
Tgt Ion:330 Resp: 325293

Ion Ratio Lower Upper

330 100

332 97.8 76.8 115.2

141 31.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 158.592 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF128834.D

Acq: 16 Jun 2022 12:25

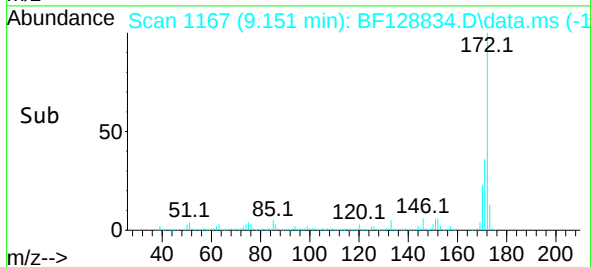
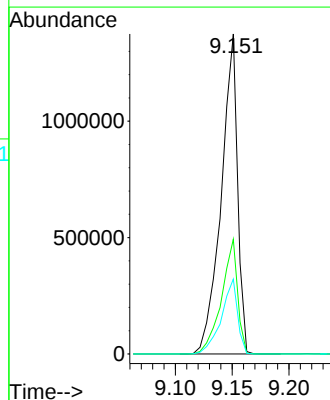
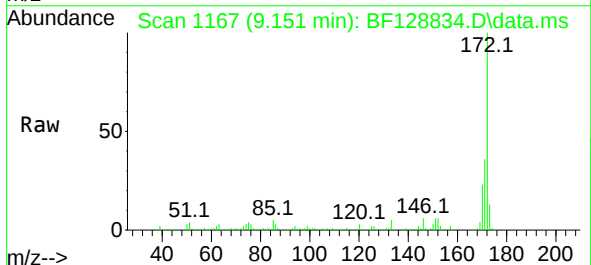
Tgt Ion:172 Resp: 1380301

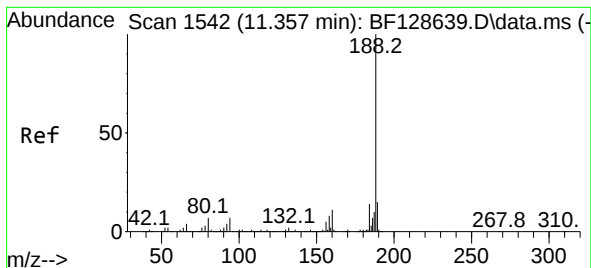
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.4 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128834.D

Acq: 16 Jun 2022 12:25

Instrument :

BNA_F

ClientSampleId :

PB145561BL

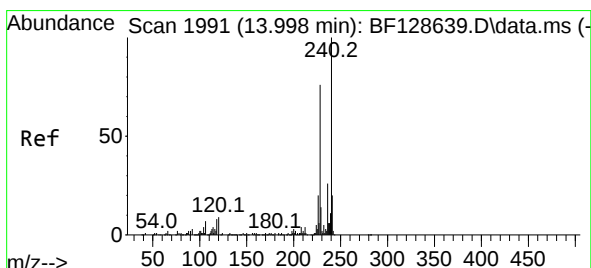
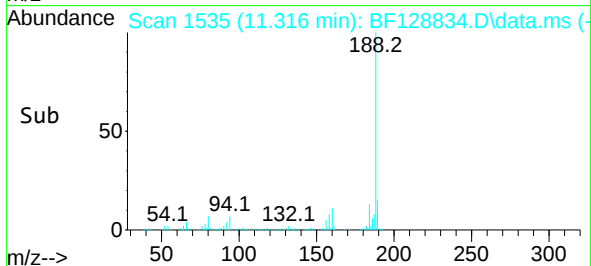
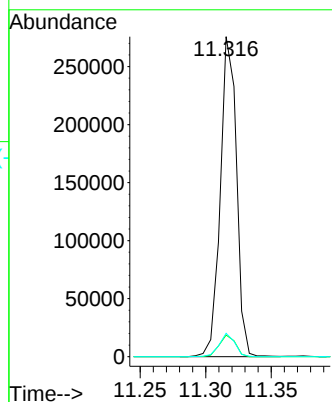
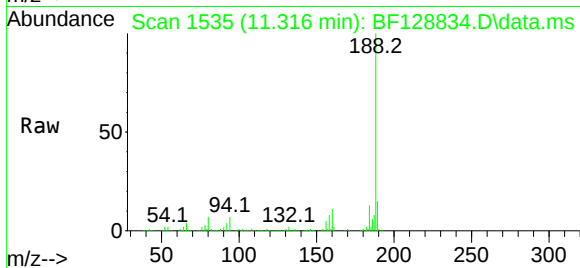
Tgt Ion:188 Resp: 236405

Ion Ratio Lower Upper

188 100

94 6.7 7.0 10.6#

80 7.3 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BF128834.D

Acq: 16 Jun 2022 12:25

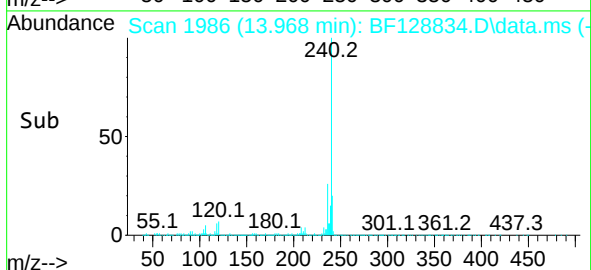
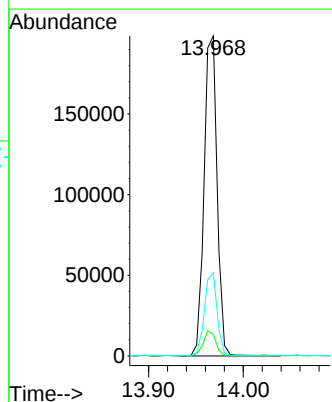
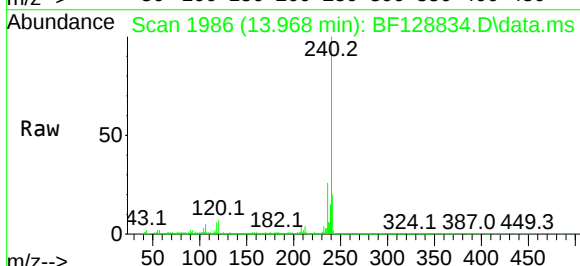
Tgt Ion:240 Resp: 189324

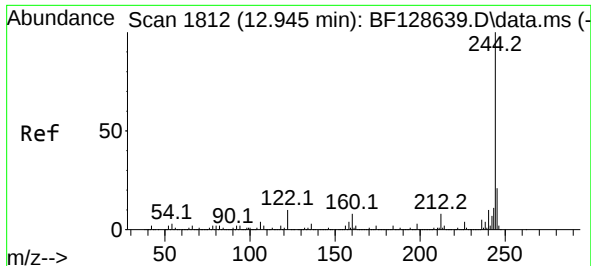
Ion Ratio Lower Upper

240 100

120 6.7 8.9 13.3#

236 26.0 20.8 31.2

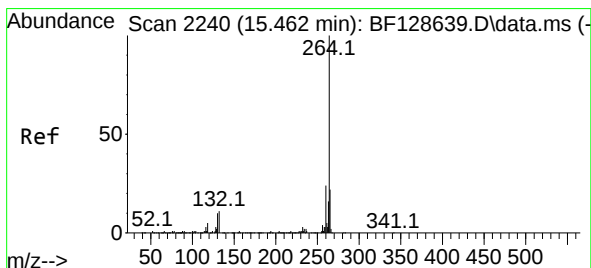
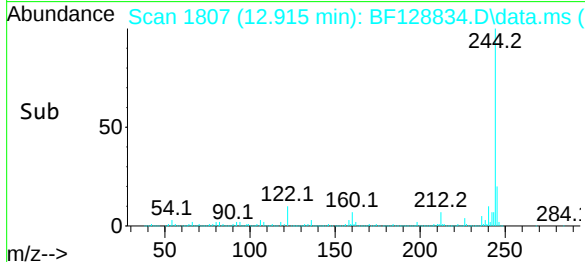
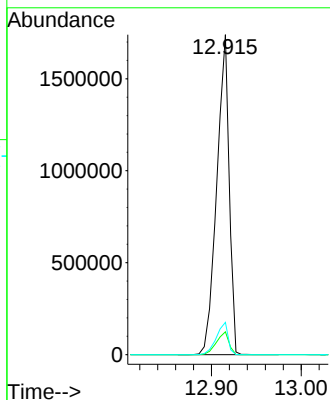
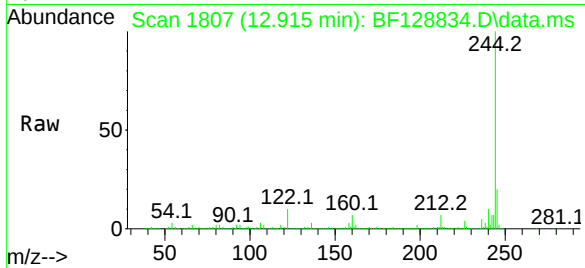




#79
 Terphenyl-d14
 Concen: 153.146 ng
 RT: 12.915 min Scan# 1812
 Delta R.T. 0.012 min
 Lab File: BF128834.D
 Acq: 16 Jun 2022 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB145561BL

Tgt Ion:244 Resp: 1668603
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2234
 Delta R.T. 0.012 min
 Lab File: BF128834.D
 Acq: 16 Jun 2022 12:25

Tgt Ion:264 Resp: 160730
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 20.9 17.2 25.8

