

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
 Data File : BF128730.D
 Acq On : 08 Jun 2022 12:18
 Operator : CG\JU
 Sample : PB145375BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145375BL

Quant Time: Jun 08 14:30:07 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 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	104559	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	399279	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	201997	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	390435	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	327777	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	264978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	795413	121.172	ng	0.01
7) Phenol-d6	6.475	99	998910	124.662	ng	0.00
23) Nitrobenzene-d5	7.375	82	724997	84.539	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	280476	117.516	ng	0.00
45) 2-Fluorobiphenyl	9.174	172	1209188	83.854	ng	0.00
79) Terphenyl-d14	12.933	244	1515388	80.335	ng	0.00

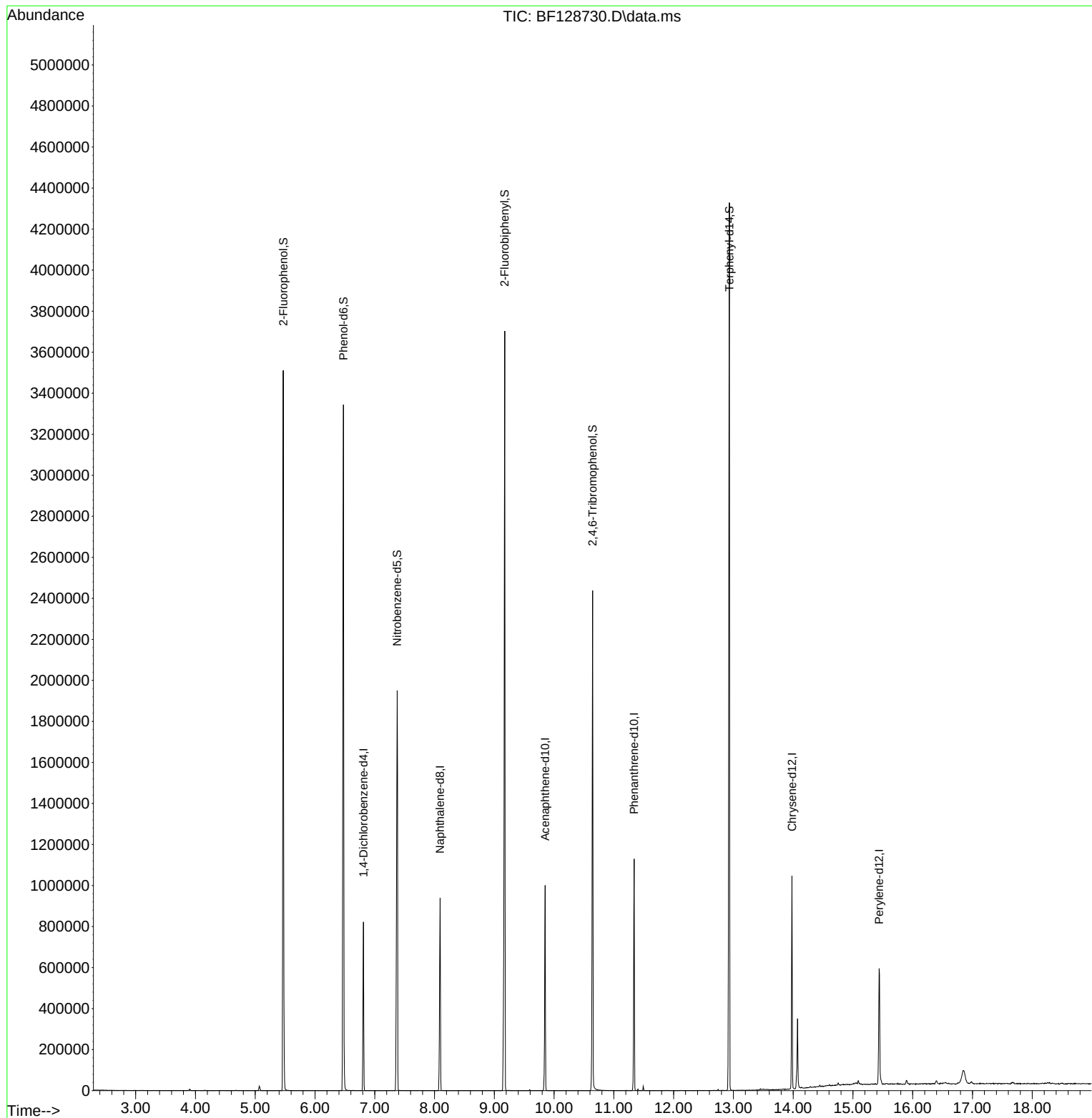
Target Compounds	Qvalue

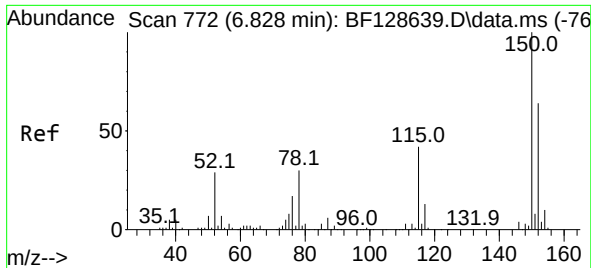
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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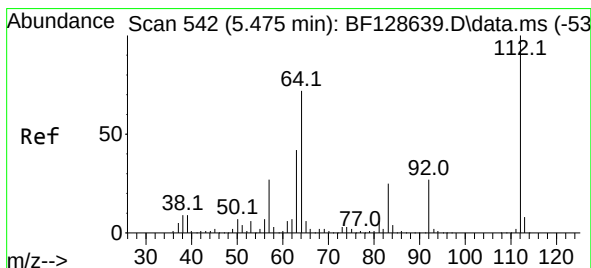
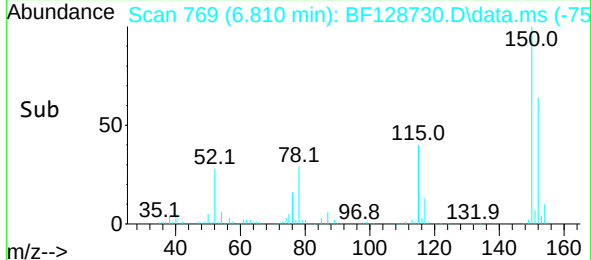
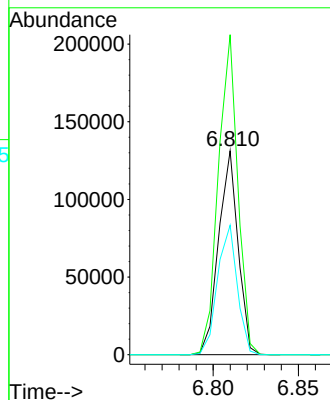
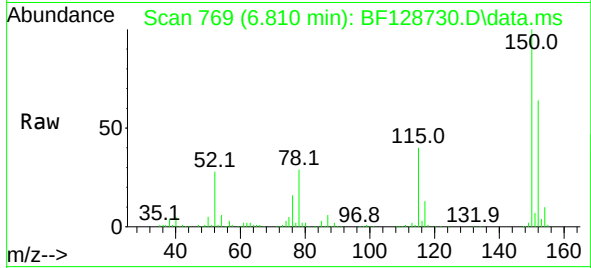




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128730.D
Acq: 08 Jun 2022 12:18

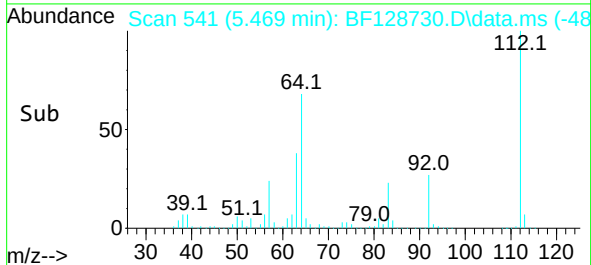
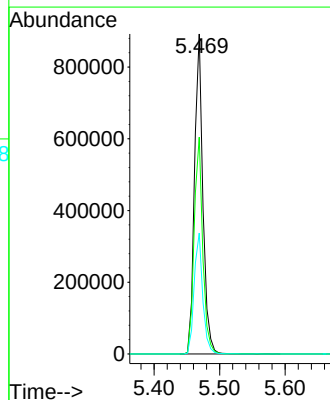
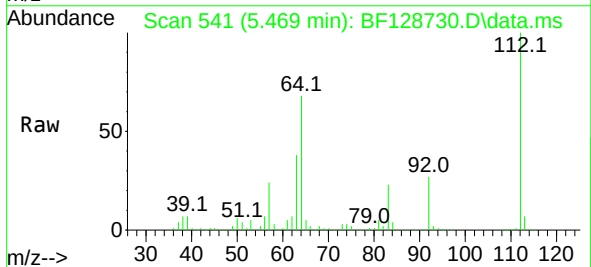
Instrument :
BNA_F
ClientSampleId :
PB145375BL

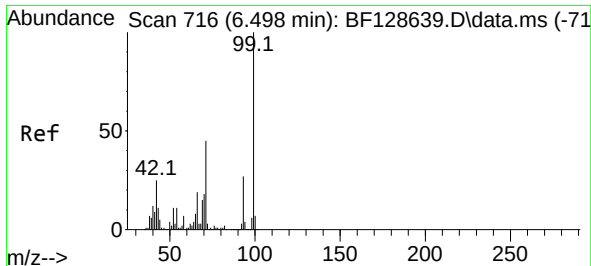
Tgt Ion:152 Resp: 104559
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 121.172 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.011 min
Lab File: BF128730.D
Acq: 08 Jun 2022 12:18

Tgt Ion:112 Resp: 795413
Ion Ratio Lower Upper
112 100
64 67.8 53.3 79.9
63 37.8 28.0 42.0

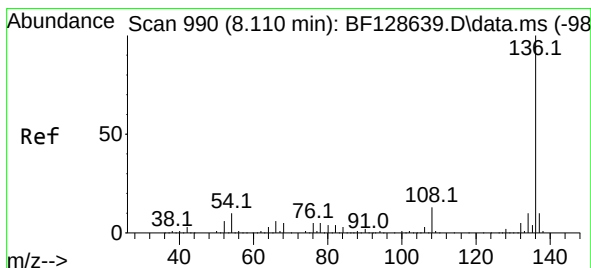
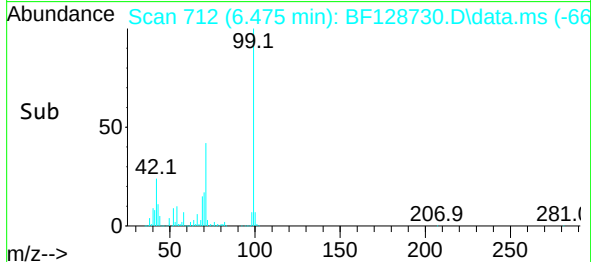
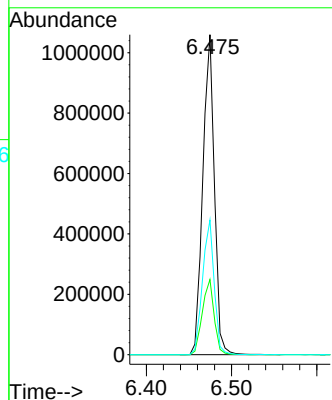
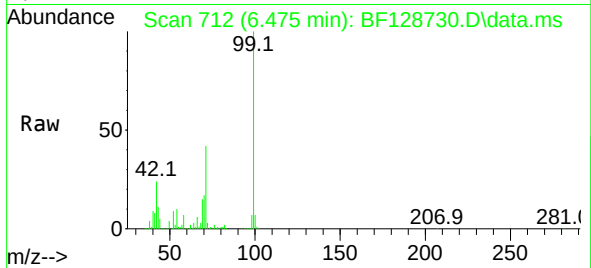




#7
Phenol-d6
Concen: 124.662 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128730.D
Acq: 08 Jun 2022 12:18

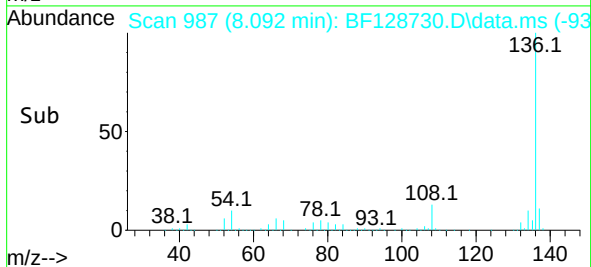
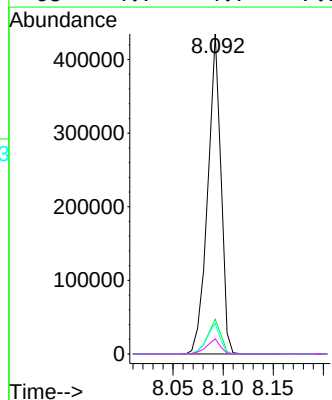
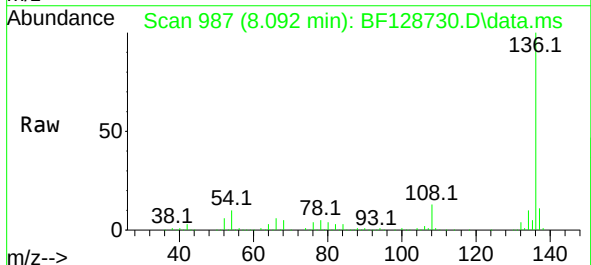
Instrument :
BNA_F
ClientSampleId :
PB145375BL

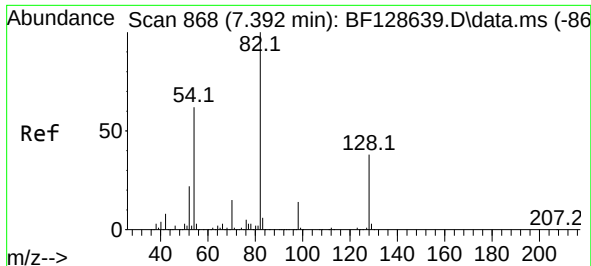
Tgt Ion: 99 Resp: 998910
Ion Ratio Lower Upper
99 100
42 23.5 17.3 25.9
71 42.1 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF128730.D
Acq: 08 Jun 2022 12:18

Tgt Ion:136 Resp: 399279
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.5 7.5 11.3
68 4.7 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 84.539 ng

RT: 7.375 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128730.D

Acq: 08 Jun 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB145375BL

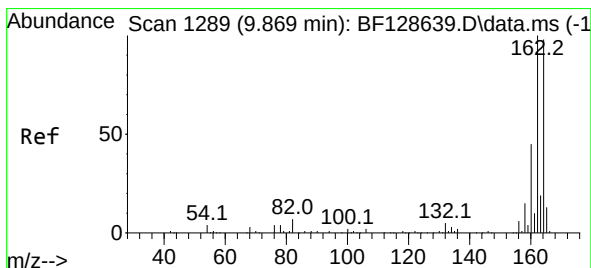
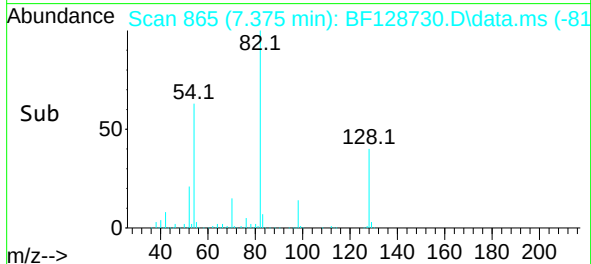
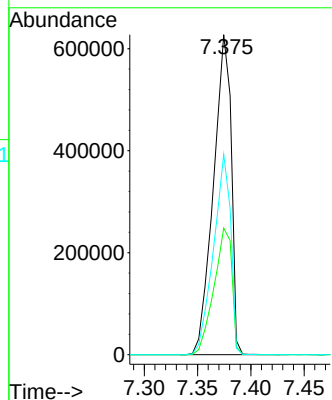
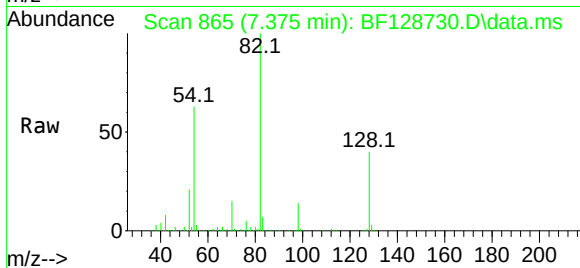
Tgt Ion: 82 Resp: 724997

Ion Ratio Lower Upper

82 100

128 39.5 34.0 51.0

54 62.6 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BF128730.D

Acq: 08 Jun 2022 12:18

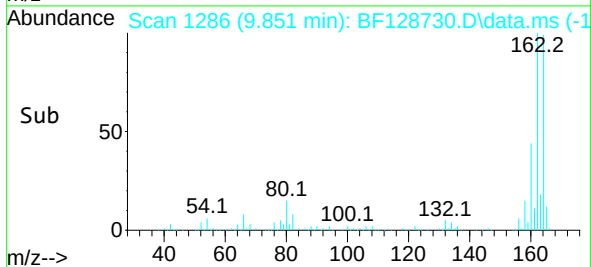
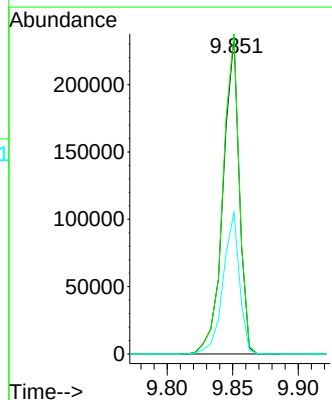
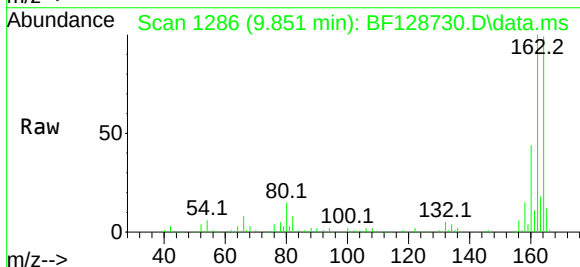
Tgt Ion:164 Resp: 201997

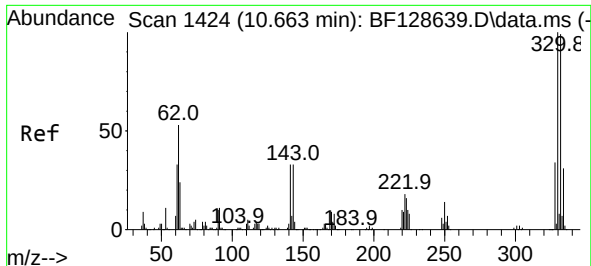
Ion Ratio Lower Upper

164 100

162 101.0 79.5 119.3

160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 117.516 ng

RT: 10.645 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128730.D

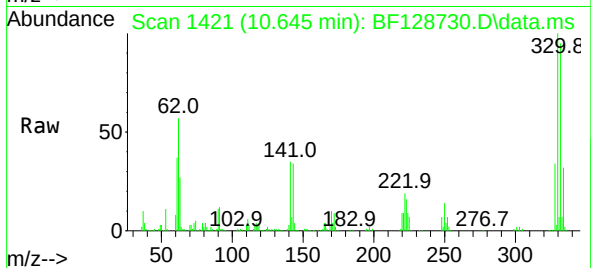
Acq: 08 Jun 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB145375BL



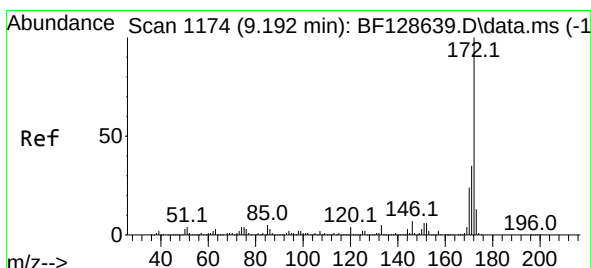
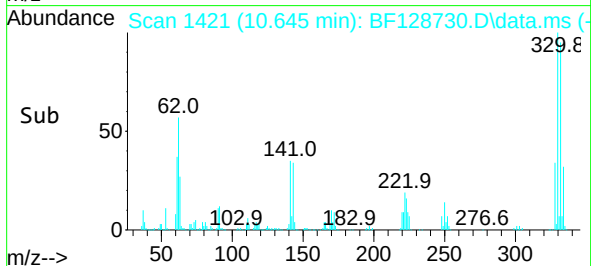
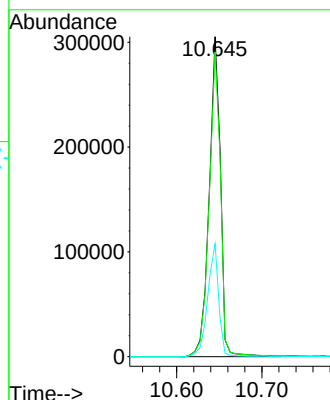
Tgt Ion:330 Resp: 280476

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 83.854 ng

RT: 9.174 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF128730.D

Acq: 08 Jun 2022 12:18

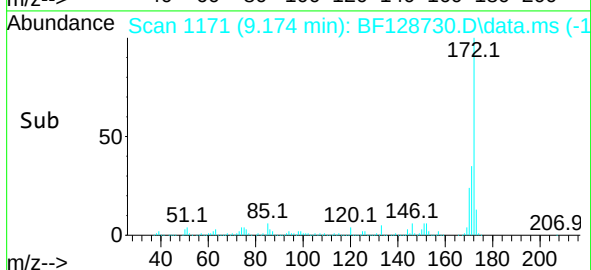
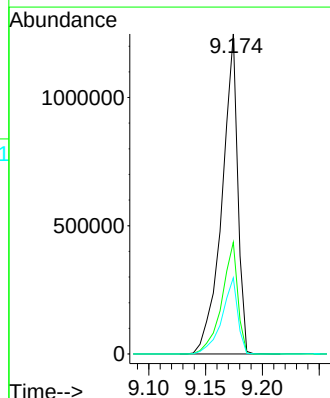
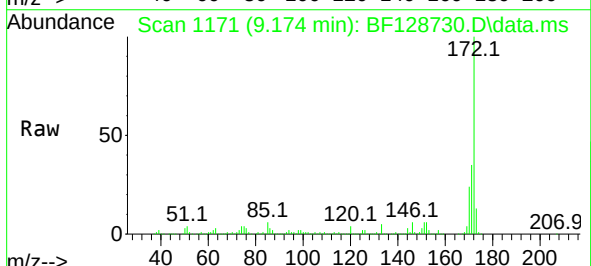
Tgt Ion:172 Resp: 1209188

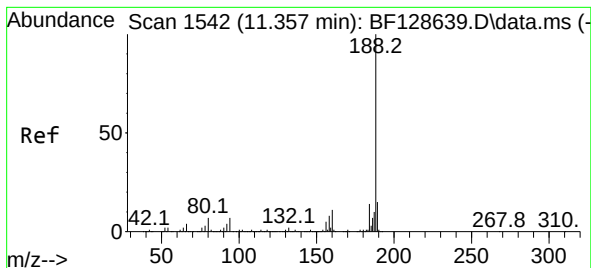
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.8 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128730.D

Acq: 08 Jun 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB145375BL

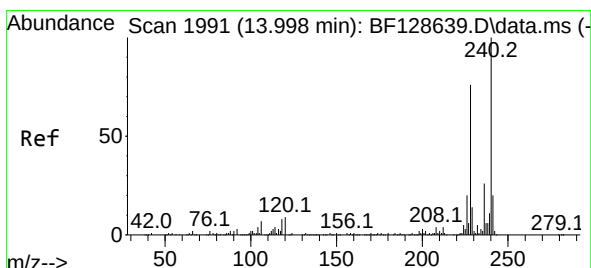
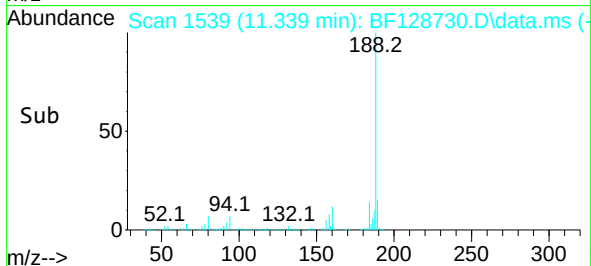
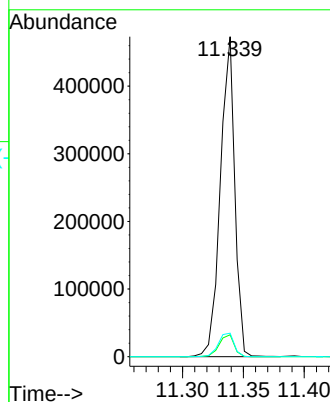
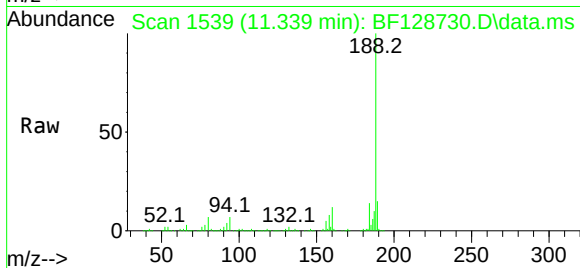
Tgt Ion:188 Resp: 390435

Ion Ratio Lower Upper

188 100

94 6.9 7.0 10.6#

80 7.3 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 1988

Delta R.T. -0.006 min

Lab File: BF128730.D

Acq: 08 Jun 2022 12:18

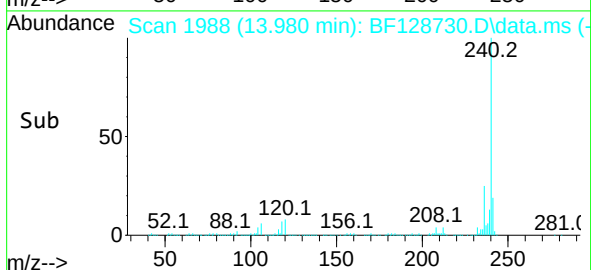
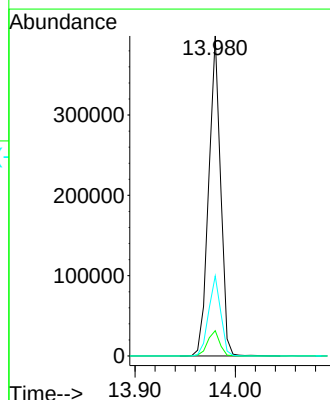
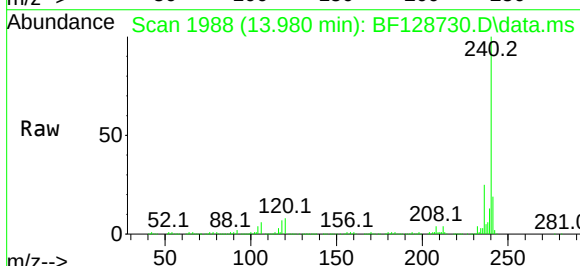
Tgt Ion:240 Resp: 327777

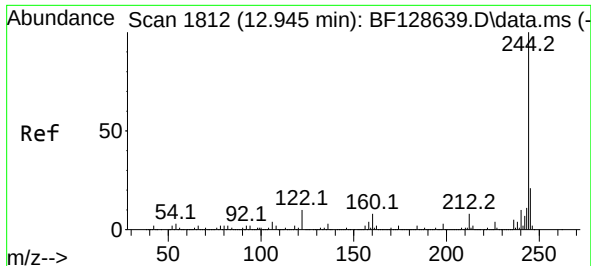
Ion Ratio Lower Upper

240 100

120 7.9 8.9 13.3#

236 25.0 20.8 31.2

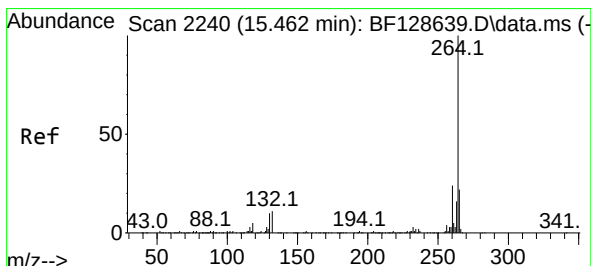
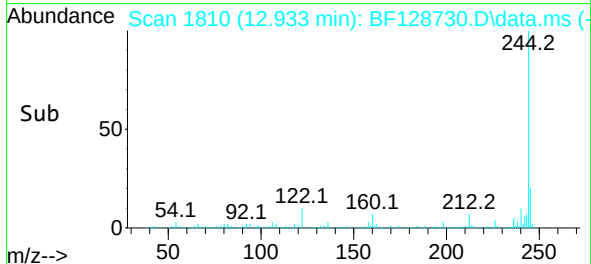
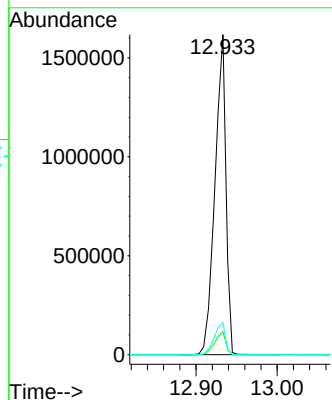
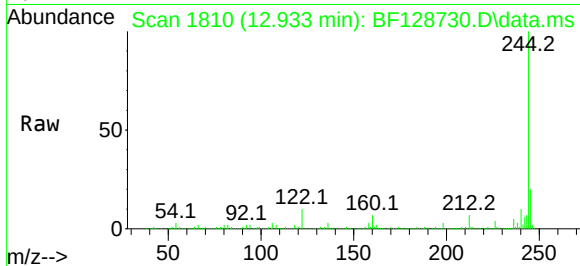




#79
 Terphenyl-d14
 Concen: 80.335 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128730.D
 Acq: 08 Jun 2022 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB145375BL

Tgt Ion:244 Resp: 1515388
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2236
 Delta R.T. -0.006 min
 Lab File: BF128730.D
 Acq: 08 Jun 2022 12:18

Tgt Ion:264 Resp: 264978
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 22.1 17.2 25.8

