

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128653.D
 Acq On : 02 Jun 2022 22:40
 Operator : CG\JU
 Sample : N2988-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS002-1824-01

Quant Time: Jun 03 03:27:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	109917	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	420126	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	240759	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	440103	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	281732	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	211436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	634089	91.887	ng	0.00
7) Phenol-d6	6.487	99	824218	97.847	ng	-0.01
23) Nitrobenzene-d5	7.387	82	618263	68.516	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	142308	50.026	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1174362	68.328	ng	0.00
79) Terphenyl-d14	12.945	244	1248248	76.988	ng	0.00

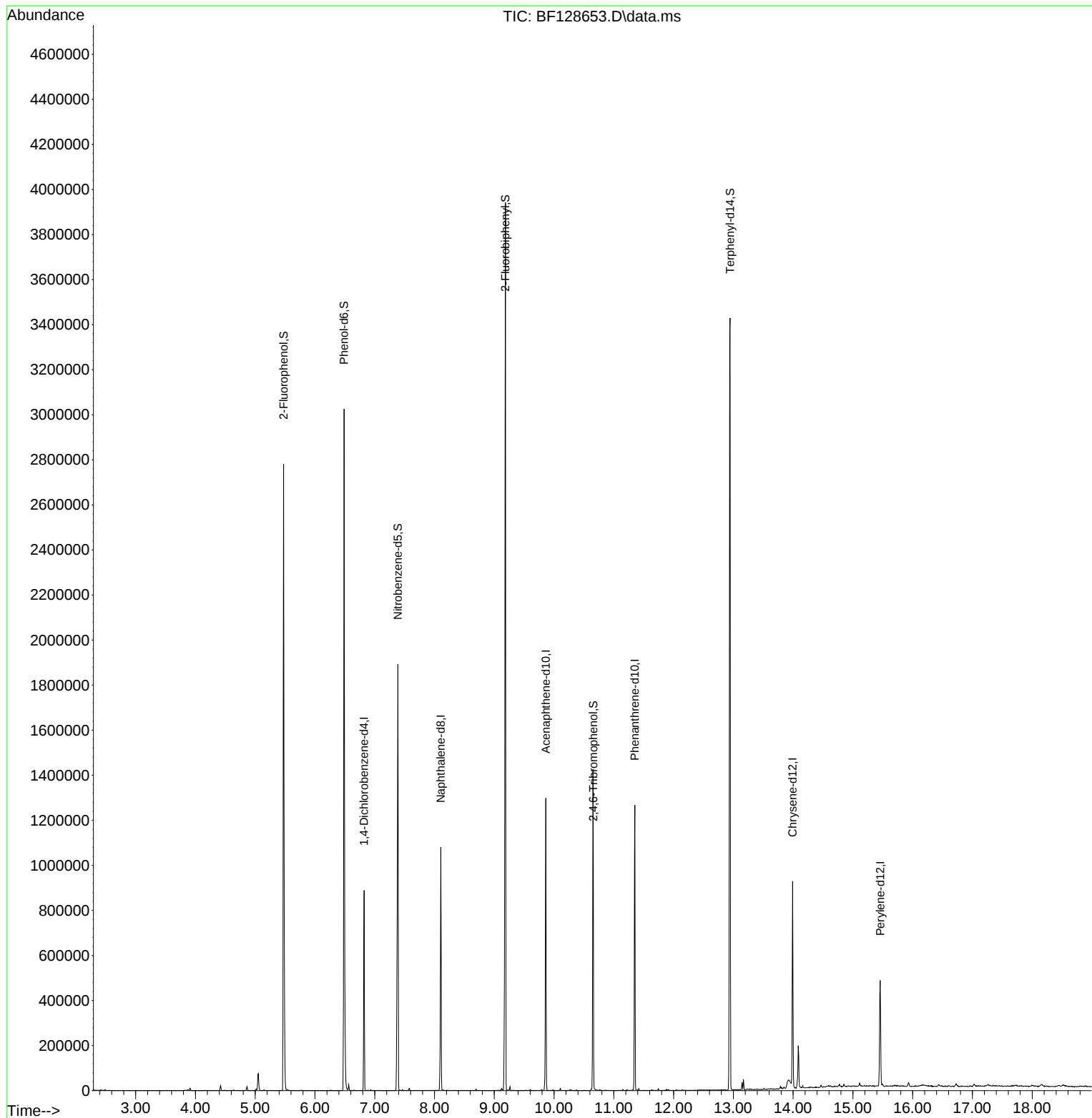
Target Compounds	Qvalue

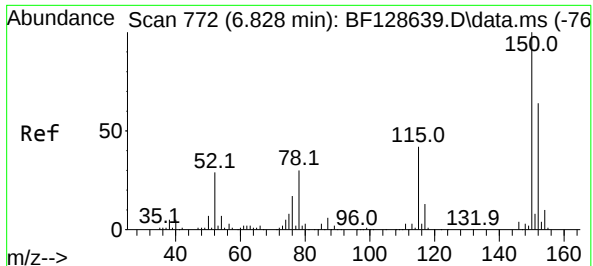
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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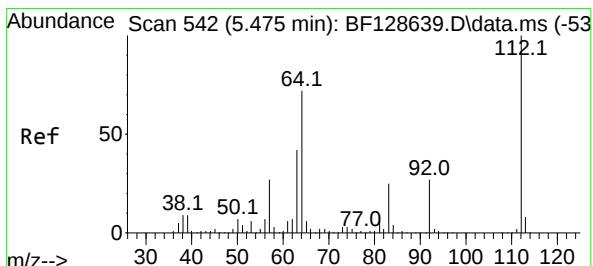
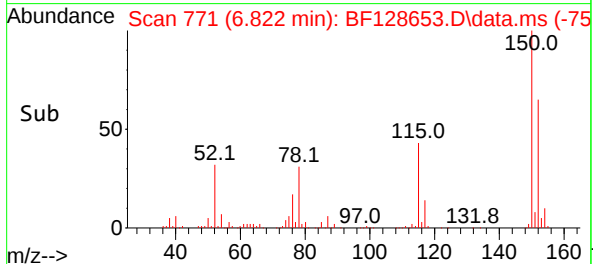
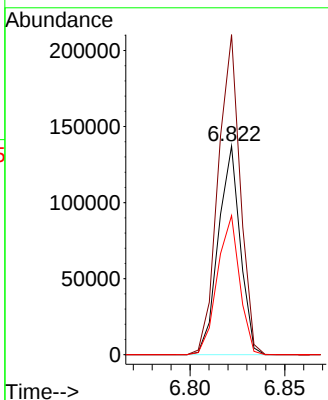
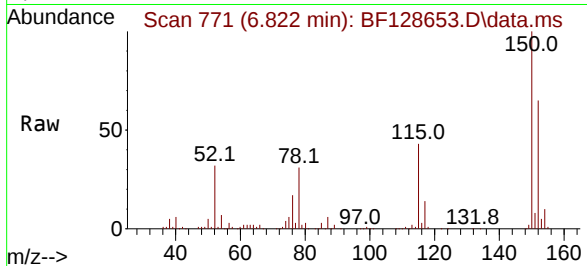




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

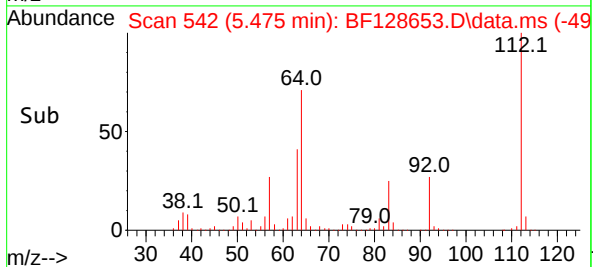
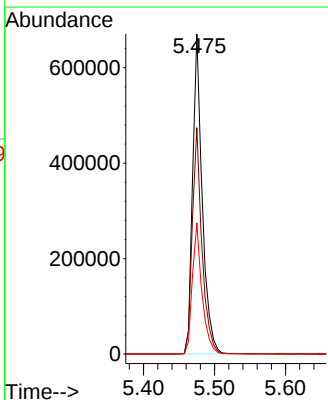
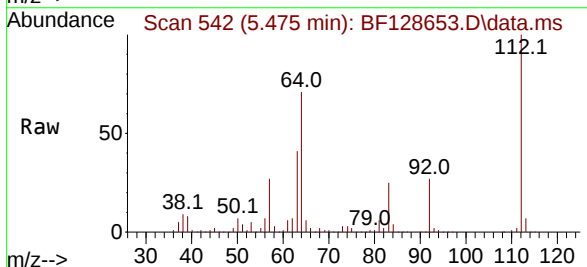
Instrument :
BNA_F
ClientSampleId :
P015-SS002-1824-01

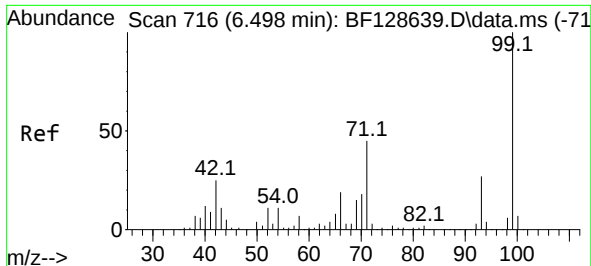
Tgt Ion:152 Resp: 109917
Ion Ratio Lower Upper
152 100
150 153.4 123.7 185.5
115 66.7 49.9 74.9



#5
2-Fluorophenol
Concen: 91.887 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

Tgt Ion:112 Resp: 634089
Ion Ratio Lower Upper
112 100
64 70.7 53.3 79.9
63 40.9 28.0 42.0

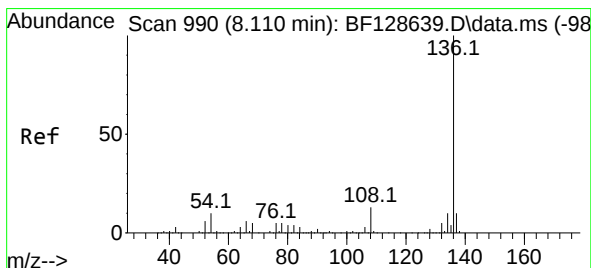
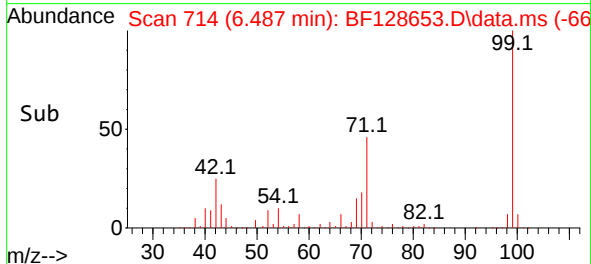
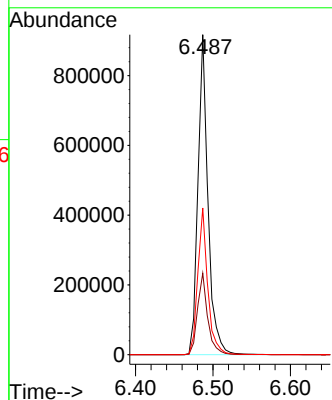
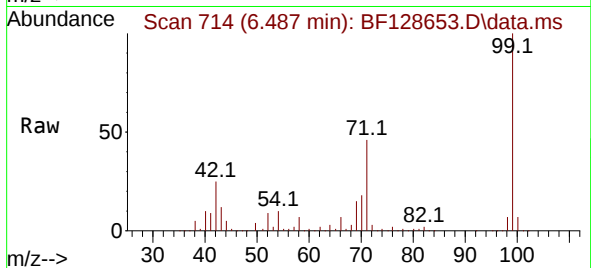




#7
Phenol-d6
Concen: 97.847 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

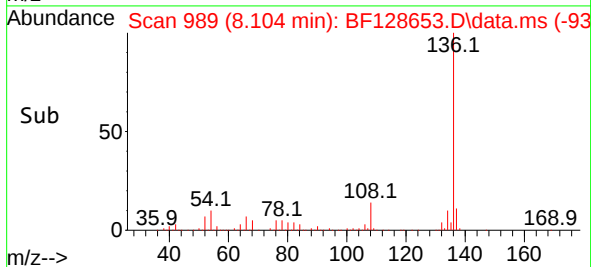
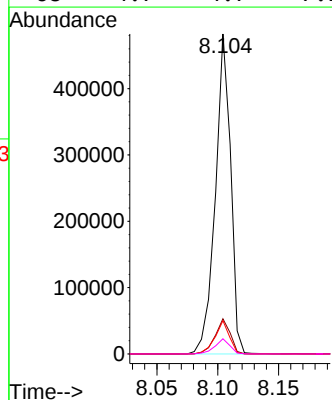
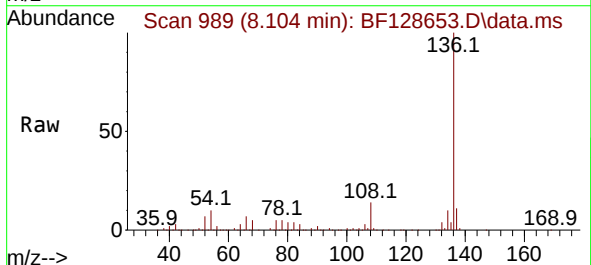
Instrument :
BNA_F
ClientSampleId :
P015-SS002-1824-01

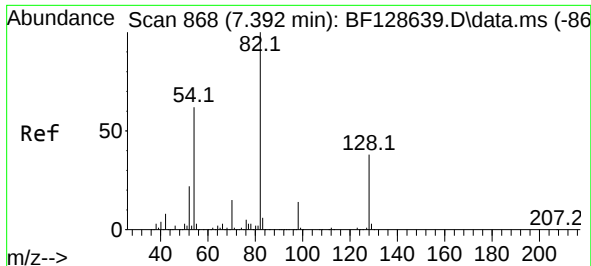
Tgt Ion: 99 Resp: 824218
Ion Ratio Lower Upper
99 100
42 25.4 17.3 25.9
71 45.8 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

Tgt Ion: 136 Resp: 420126
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.4 7.5 11.3
68 4.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 68.516 ng

RT: 7.387 min Scan# 867

Delta R.T. -0.005 min

Lab File: BF128653.D

Acq: 02 Jun 2022 22:40

Instrument :

BNA_F

ClientSampleId :

P015-SS002-1824-01

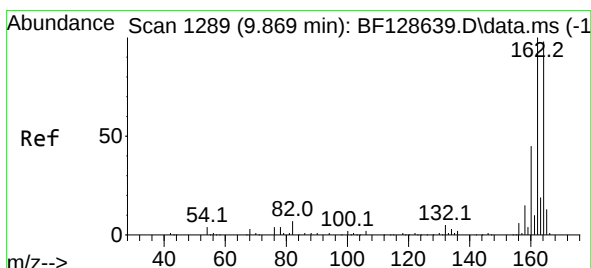
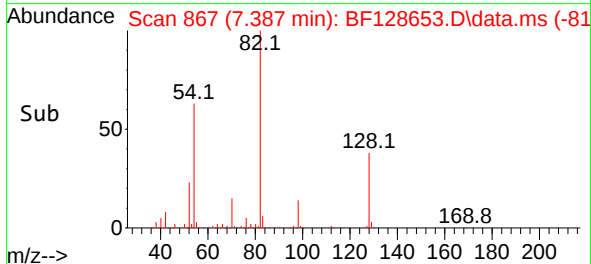
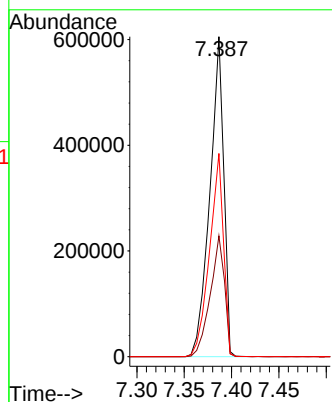
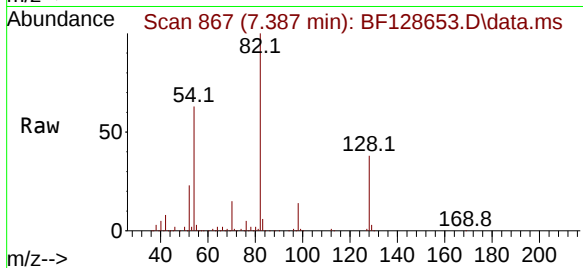
Tgt Ion: 82 Resp: 618263

Ion Ratio Lower Upper

82 100

128 37.7 34.0 51.0

54 63.5 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF128653.D

Acq: 02 Jun 2022 22:40

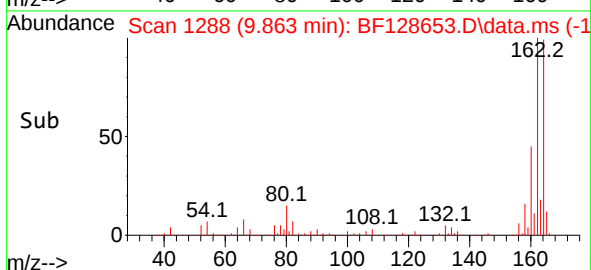
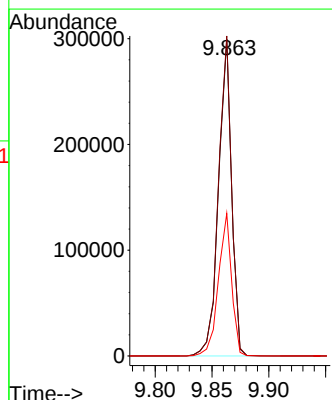
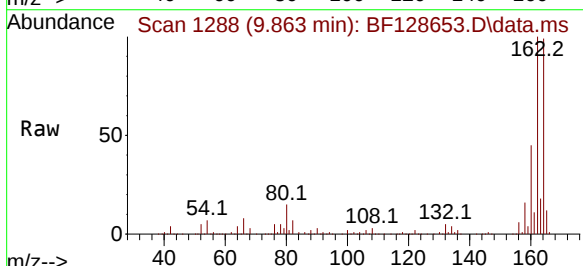
Tgt Ion: 164 Resp: 240759

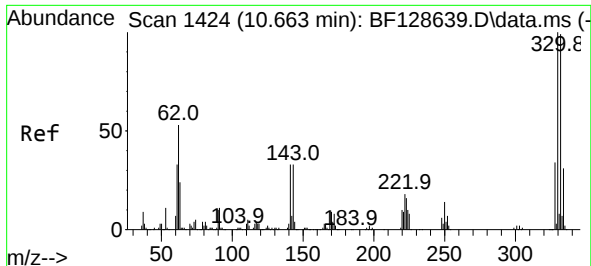
Ion Ratio Lower Upper

164 100

162 100.9 79.5 119.3

160 45.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 50.026 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128653.D

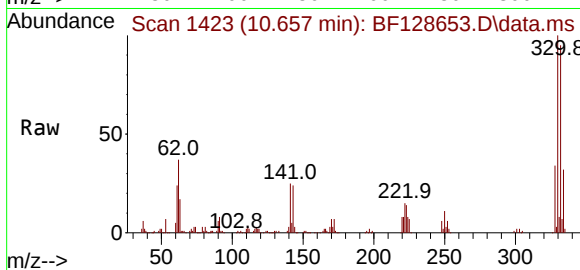
Acq: 02 Jun 2022 22:40

Instrument :

BNA_F

ClientSampleId :

P015-SS002-1824-01



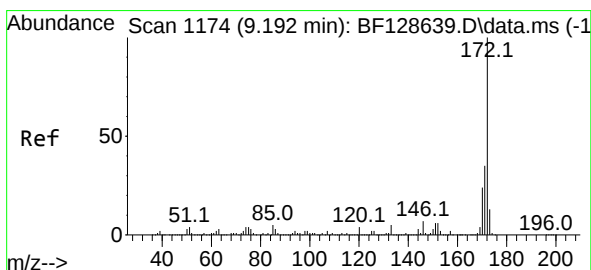
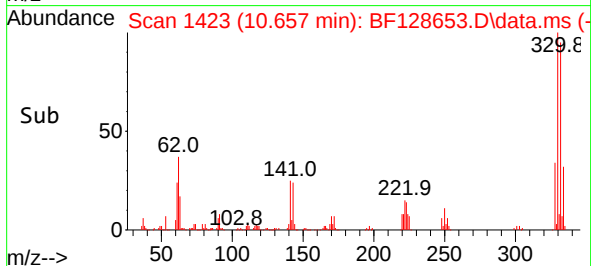
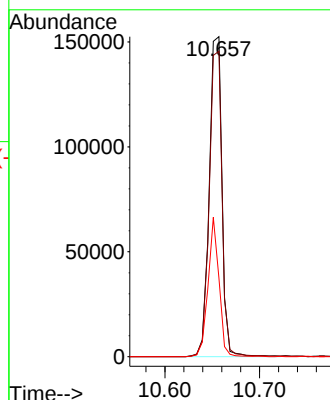
Tgt Ion:330 Resp: 142308

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 37.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 68.328 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128653.D

Acq: 02 Jun 2022 22:40

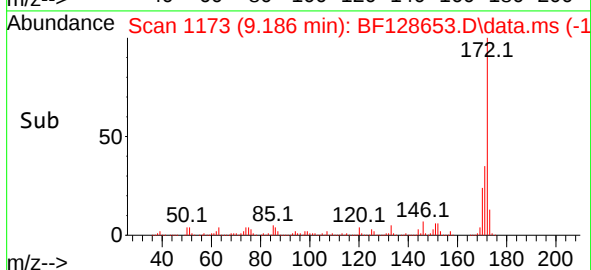
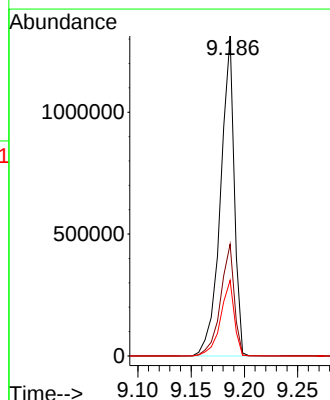
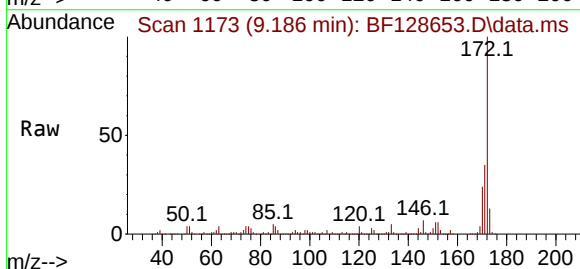
Tgt Ion:172 Resp: 1174362

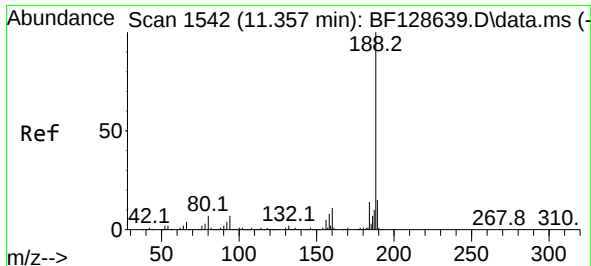
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.7 19.8 29.8

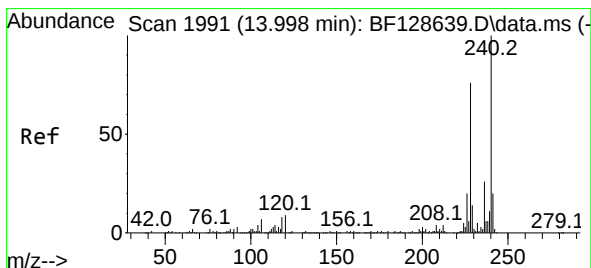
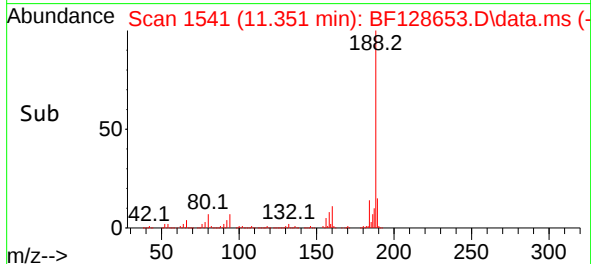
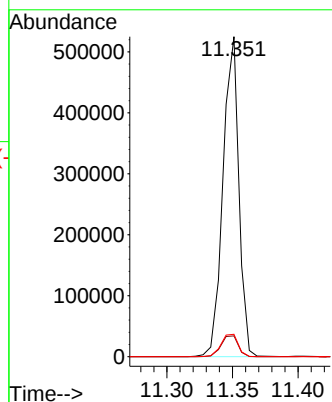
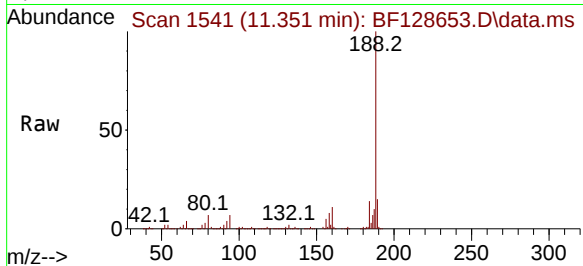




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

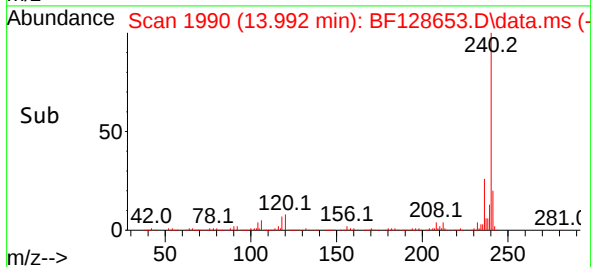
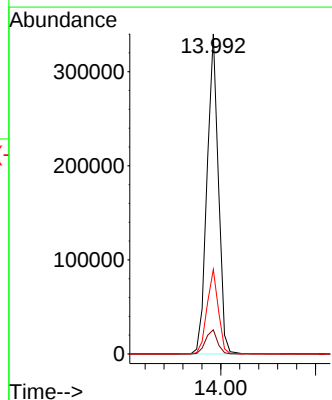
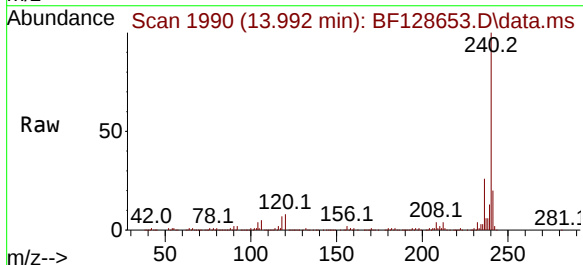
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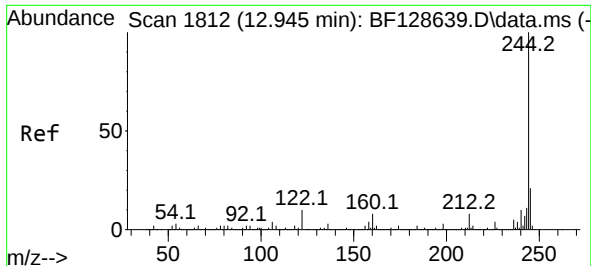
Tgt Ion:188 Resp: 440103
Ion Ratio Lower Upper
188 100
94 6.5 7.0 10.6#
80 7.0 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128653.D
Acq: 02 Jun 2022 22:40

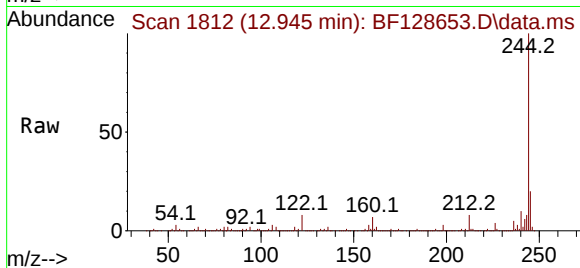
Tgt Ion:240 Resp: 281732
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3#
236 26.4 20.8 31.2



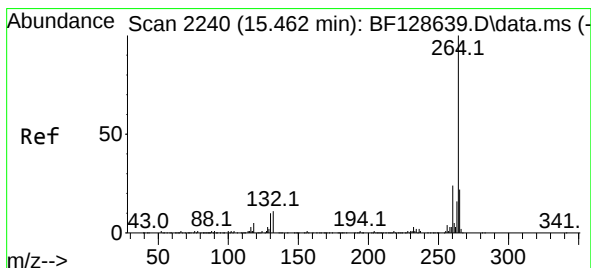
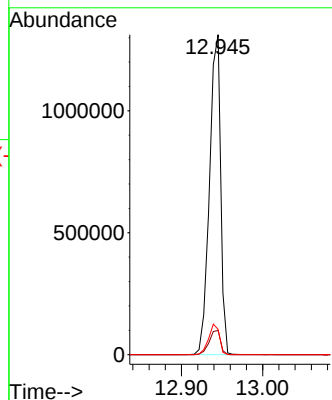
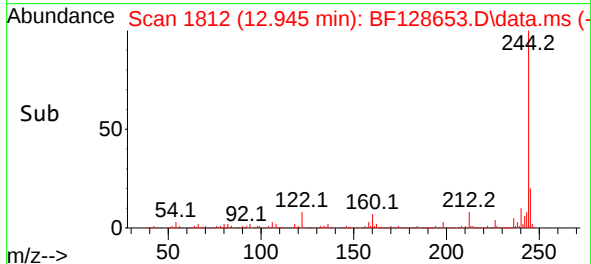


#79
 Terphenyl-d14
 Concen: 76.988 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128653.D
 Acq: 02 Jun 2022 22:40

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS002-1824-01



Tgt Ion:244 Resp: 1248248
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 7.9 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. -0.005 min
 Lab File: BF128653.D
 Acq: 02 Jun 2022 22:40

Tgt Ion:264 Resp: 211436
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.4 27.6
 265 21.4 17.2 25.8

