

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128665.D
 Acq On : 03 Jun 2022 04:37
 Operator : CG\JU
 Sample : N2986-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P027-SS001-2430-01

Quant Time: Jun 03 04:58:17 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	112602	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	424249	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	227278	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	375281	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	218030	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	199489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	736025	104.116	ng	0.00
7) Phenol-d6	6.487	99	938520	108.760	ng	-0.01
23) Nitrobenzene-d5	7.387	82	690066	75.730	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	265347	98.811	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1260153	77.668	ng	0.00
79) Terphenyl-d14	12.939	244	1036022	82.568	ng	0.00

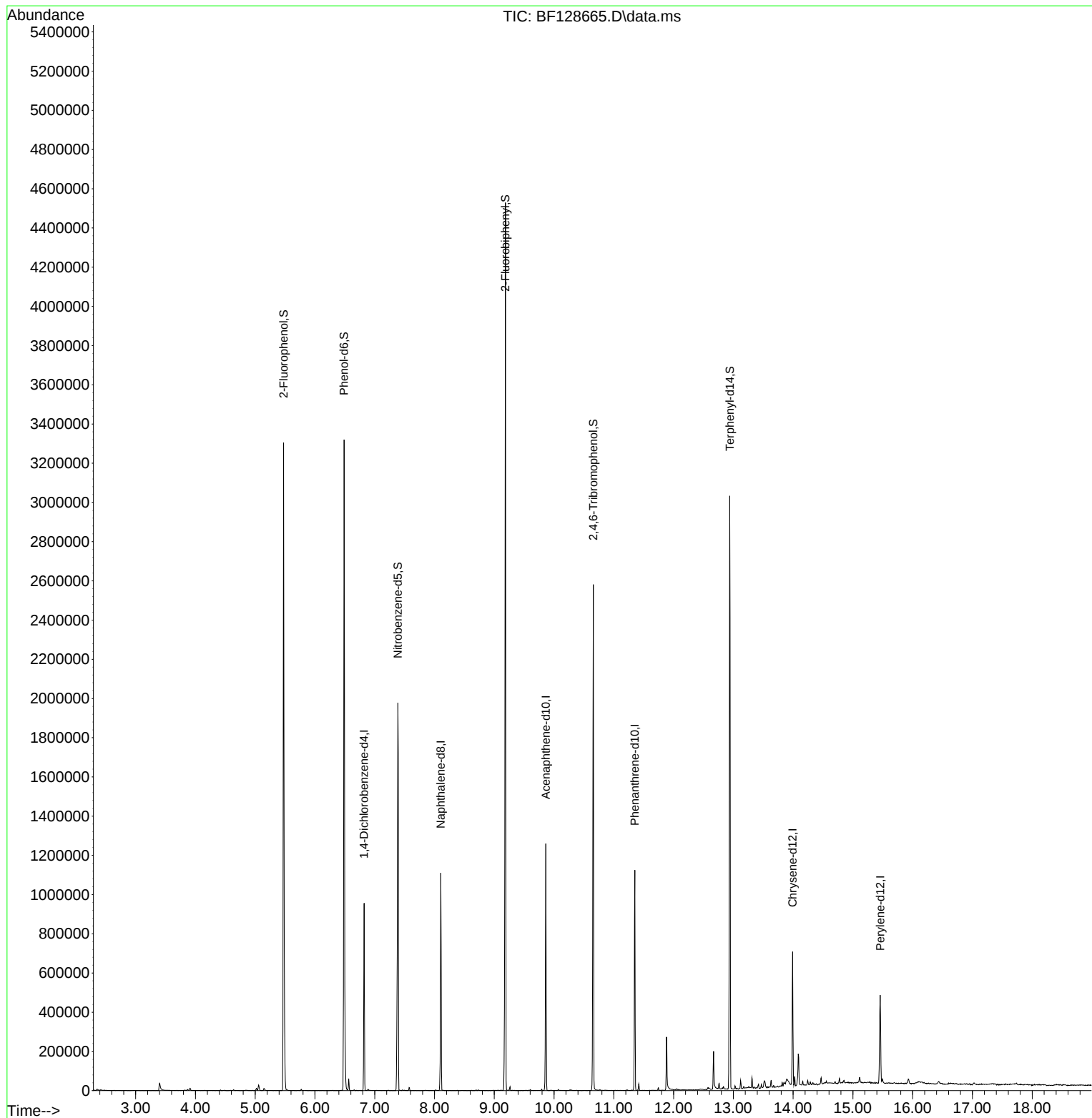
Target Compounds	Qvalue

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

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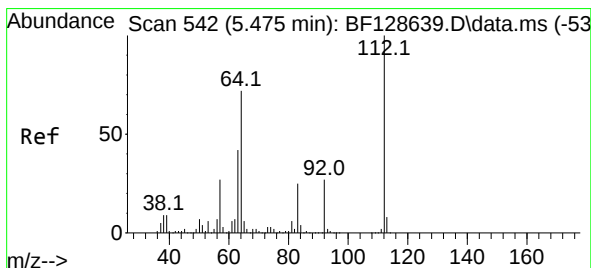
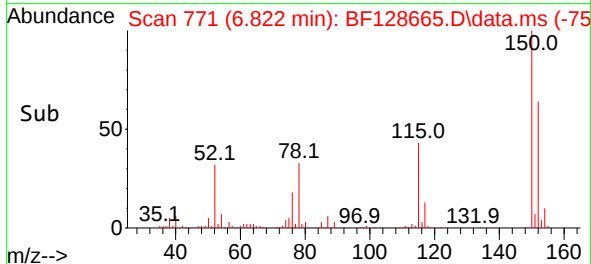
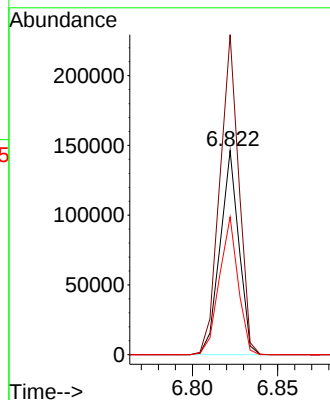
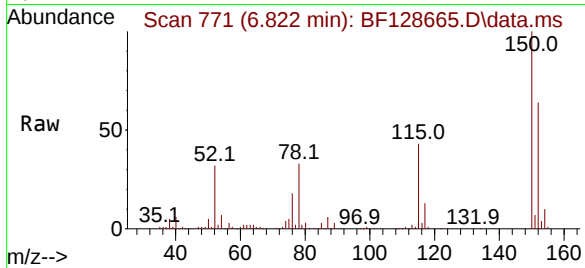




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

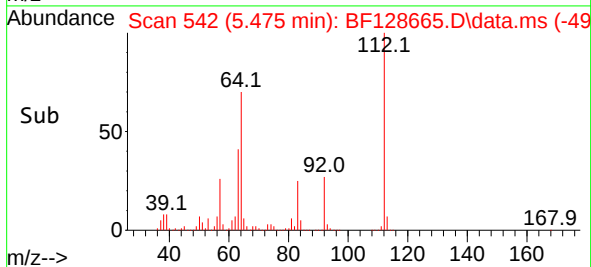
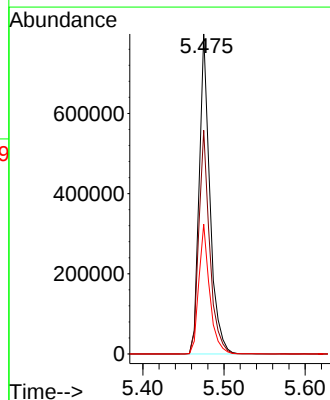
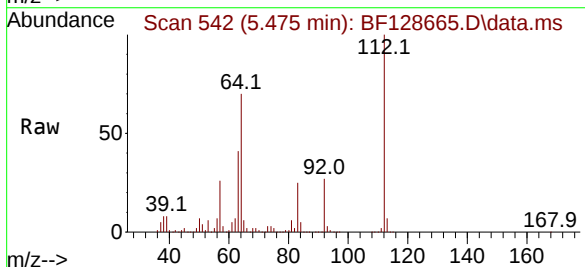
Instrument :
BNA_F
ClientSampleId :
P027-SS001-2430-01

Tgt Ion:152 Resp: 112602
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 67.5 49.9 74.9



#5
2-Fluorophenol
Concen: 104.116 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.000 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

Tgt Ion:112 Resp: 736025
Ion Ratio Lower Upper
112 100
64 69.9 53.3 79.9
63 40.5 28.0 42.0

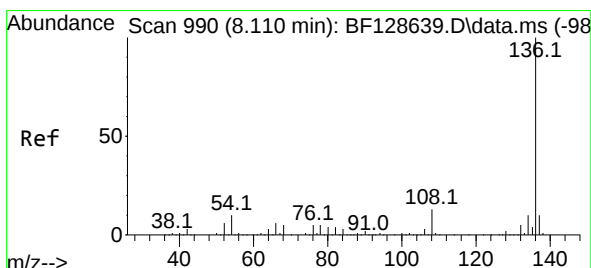
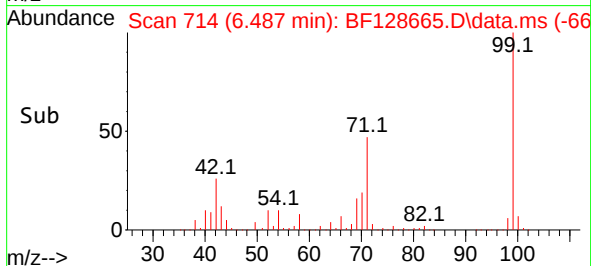
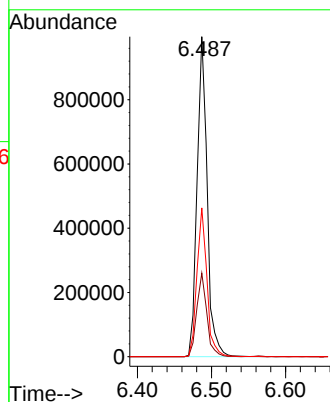
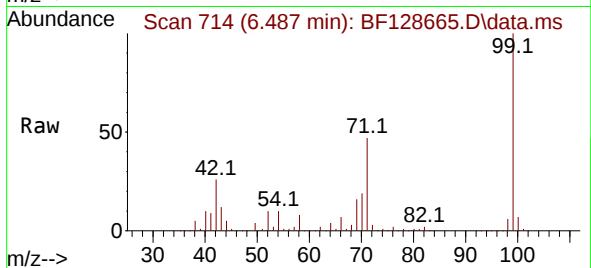




#7
Phenol-d6
Concen: 108.760 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

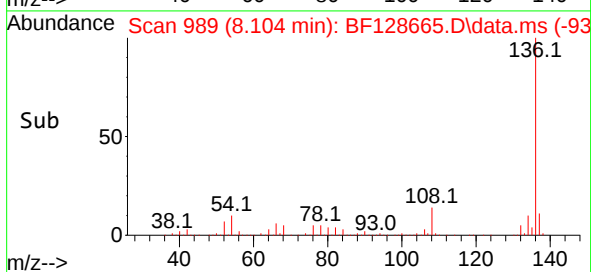
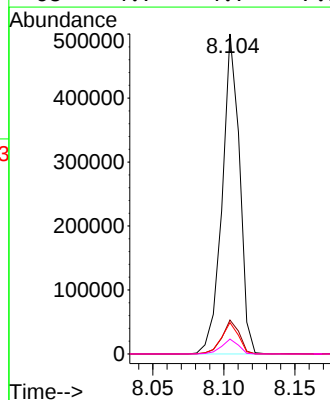
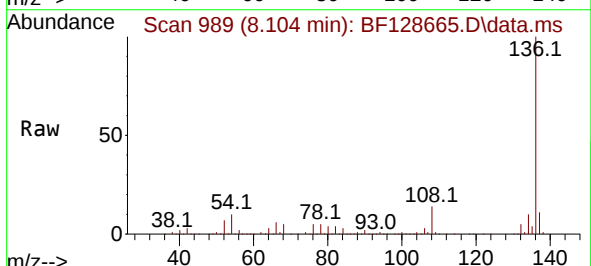
Instrument :
BNA_F
ClientSampleId :
P027-SS001-2430-01

Tgt Ion: 99 Resp: 938520
Ion Ratio Lower Upper
99 100
42 26.1 17.3 25.9#
71 46.5 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: BF128665.D
Acq: 03 Jun 2022 04:37

Tgt Ion: 136 Resp: 424249
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.8 7.5 11.3
68 4.7 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 75.730 ng

RT: 7.387 min Scan# 867

Delta R.T. -0.005 min

Lab File: BF128665.D

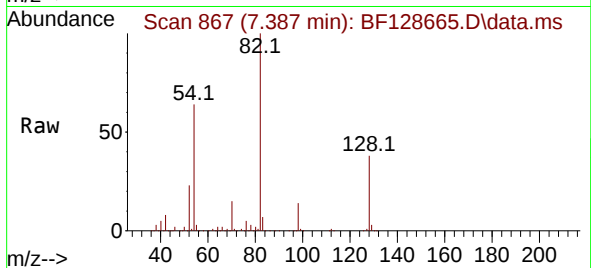
Acq: 03 Jun 2022 04:37

Instrument :

BNA_F

ClientSampleId :

P027-SS001-2430-01



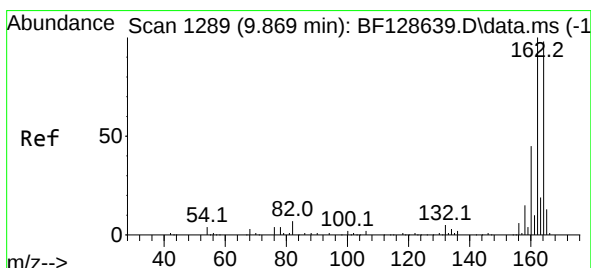
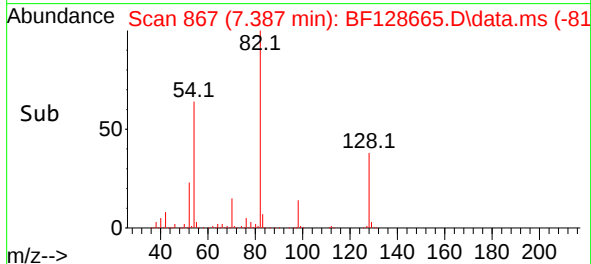
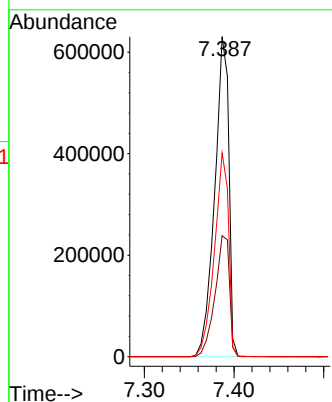
Tgt Ion: 82 Resp: 690066

Ion Ratio Lower Upper

82 100

128 37.8 34.0 51.0

54 63.7 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: BF128665.D

Acq: 03 Jun 2022 04:37

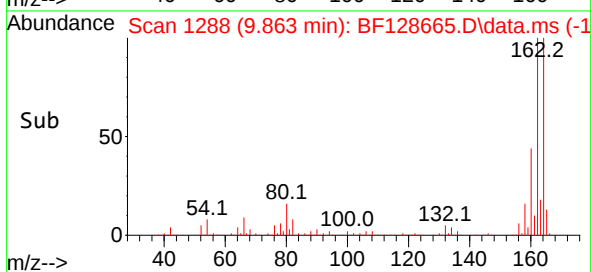
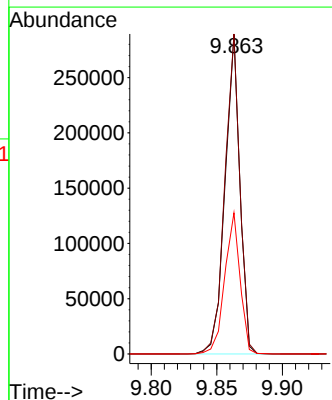
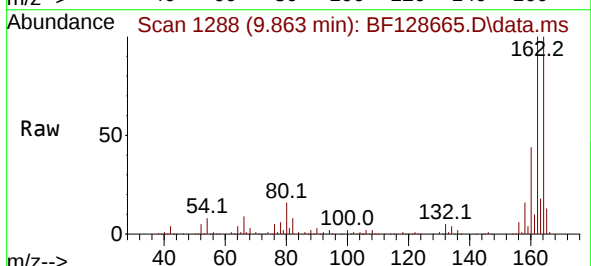
Tgt Ion:164 Resp: 227278

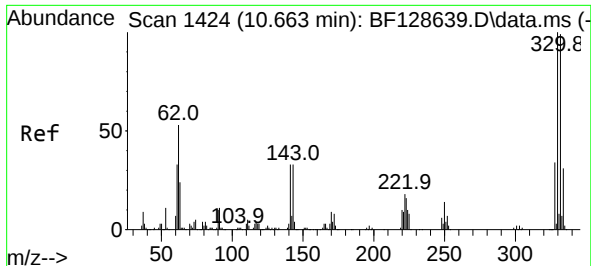
Ion Ratio Lower Upper

164 100

162 100.2 79.5 119.3

160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.811 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128665.D

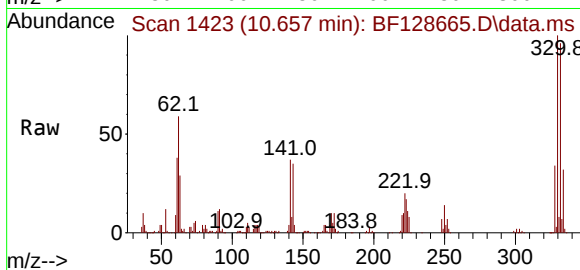
Acq: 03 Jun 2022 04:37

Instrument :

BNA_F

ClientSampleId :

P027-SS001-2430-01



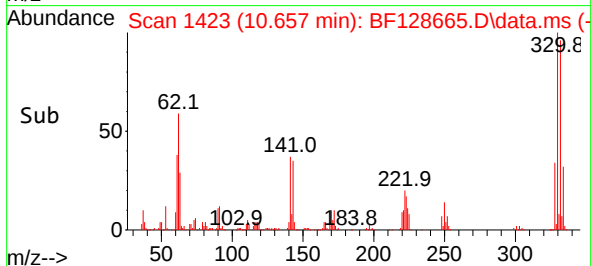
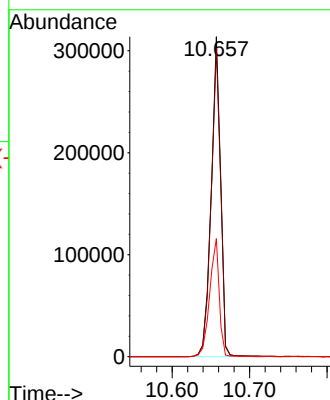
Tgt Ion:330 Resp: 265347

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

141 37.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.668 ng

RT: 9.187 min Scan# 1173

Delta R.T. -0.005 min

Lab File: BF128665.D

Acq: 03 Jun 2022 04:37

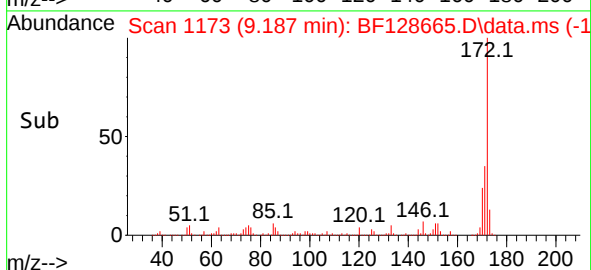
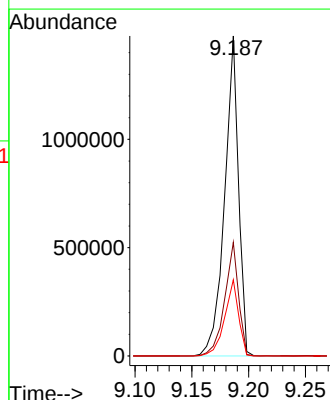
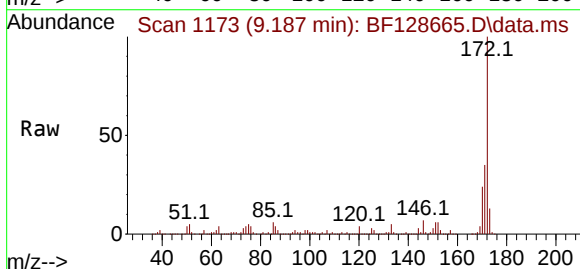
Tgt Ion:172 Resp: 1260153

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.8 19.8 29.8

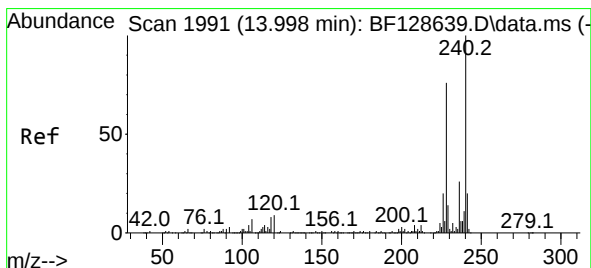
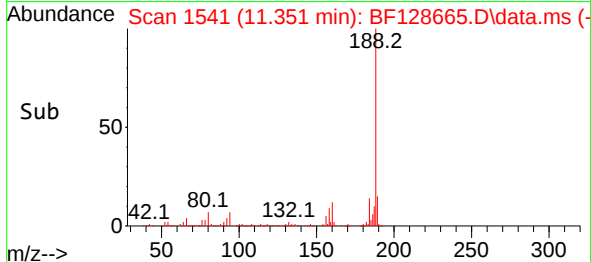
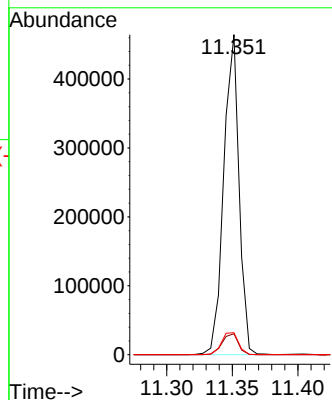
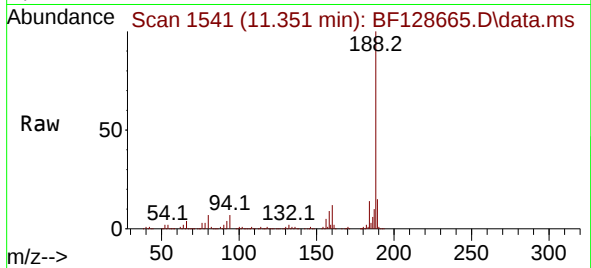




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

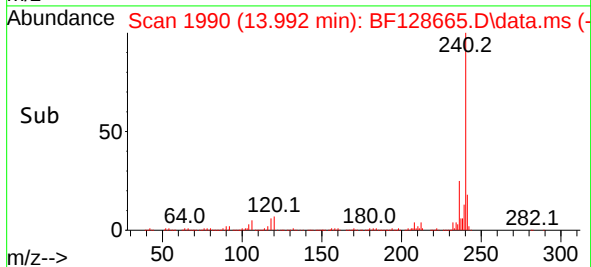
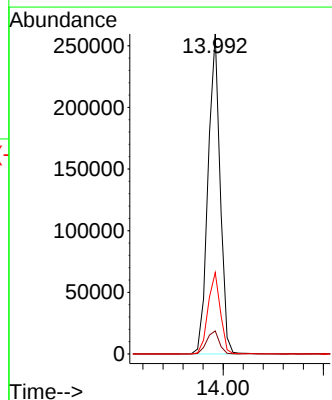
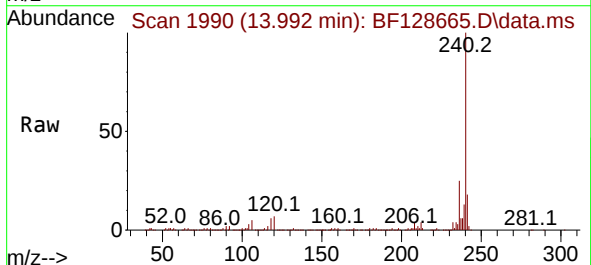
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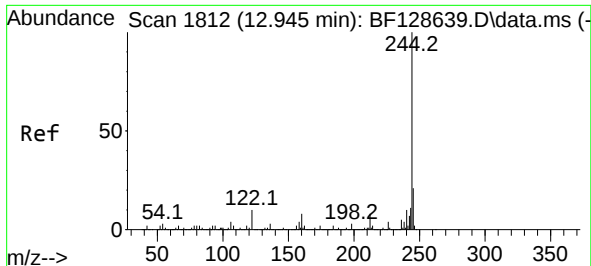
Tgt Ion:188 Resp: 375281
Ion Ratio Lower Upper
188 100
94 6.5 7.0 10.6#
80 6.9 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

Tgt Ion:240 Resp: 218030
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 25.5 20.8 31.2

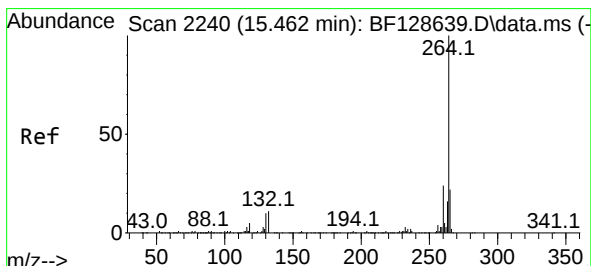
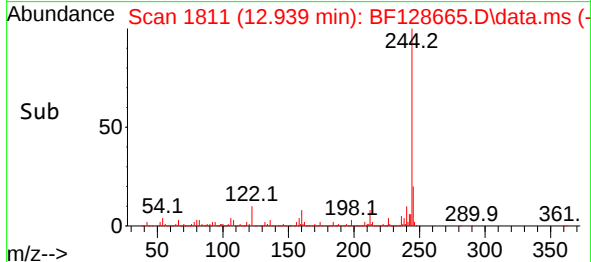
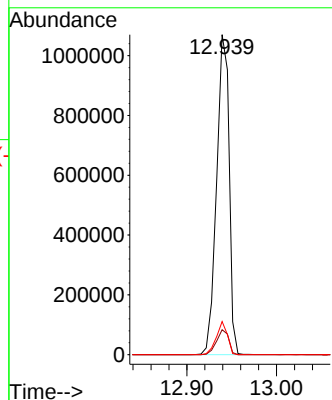
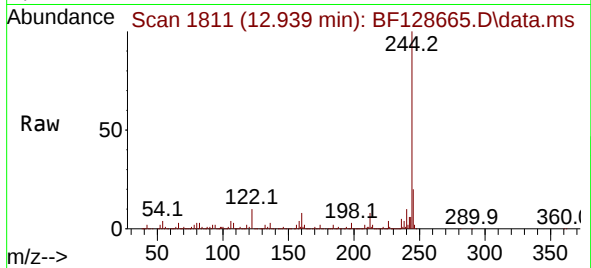




#79
 Terphenyl-d14
 Concen: 82.568 ng
 RT: 12.939 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF128665.D
 Acq: 03 Jun 2022 04:37

Instrument :
 BNA_F
 ClientSampleId :
 P027-SS001-2430-01

Tgt Ion:244 Resp: 1036022
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 10.3 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: BF128665.D
 Acq: 03 Jun 2022 04:37

Tgt Ion:264 Resp: 199489
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.4 27.6
 265 20.5 17.2 25.8

