

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128461.D
 Acq On : 25 May 2022 15:55
 Operator : CG\JU
 Sample : N2896-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-1218-01

Quant Time: May 26 01:00:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 12:38:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	95789	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	332596	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	157866	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	245265	20.000	ng	0.00
76) Chrysene-d12	13.986	240	185581	20.000	ng	0.00
86) Perylene-d12	15.456	264	140146	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	544156	90.402	ng	0.00
7) Phenol-d6	6.451	99	671835	84.762	ng	0.00
23) Nitrobenzene-d5	7.375	82	462631	62.322	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	126304	77.579	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	675112	69.935	ng	0.00
79) Terphenyl-d14	12.921	244	583691	60.716	ng	0.00

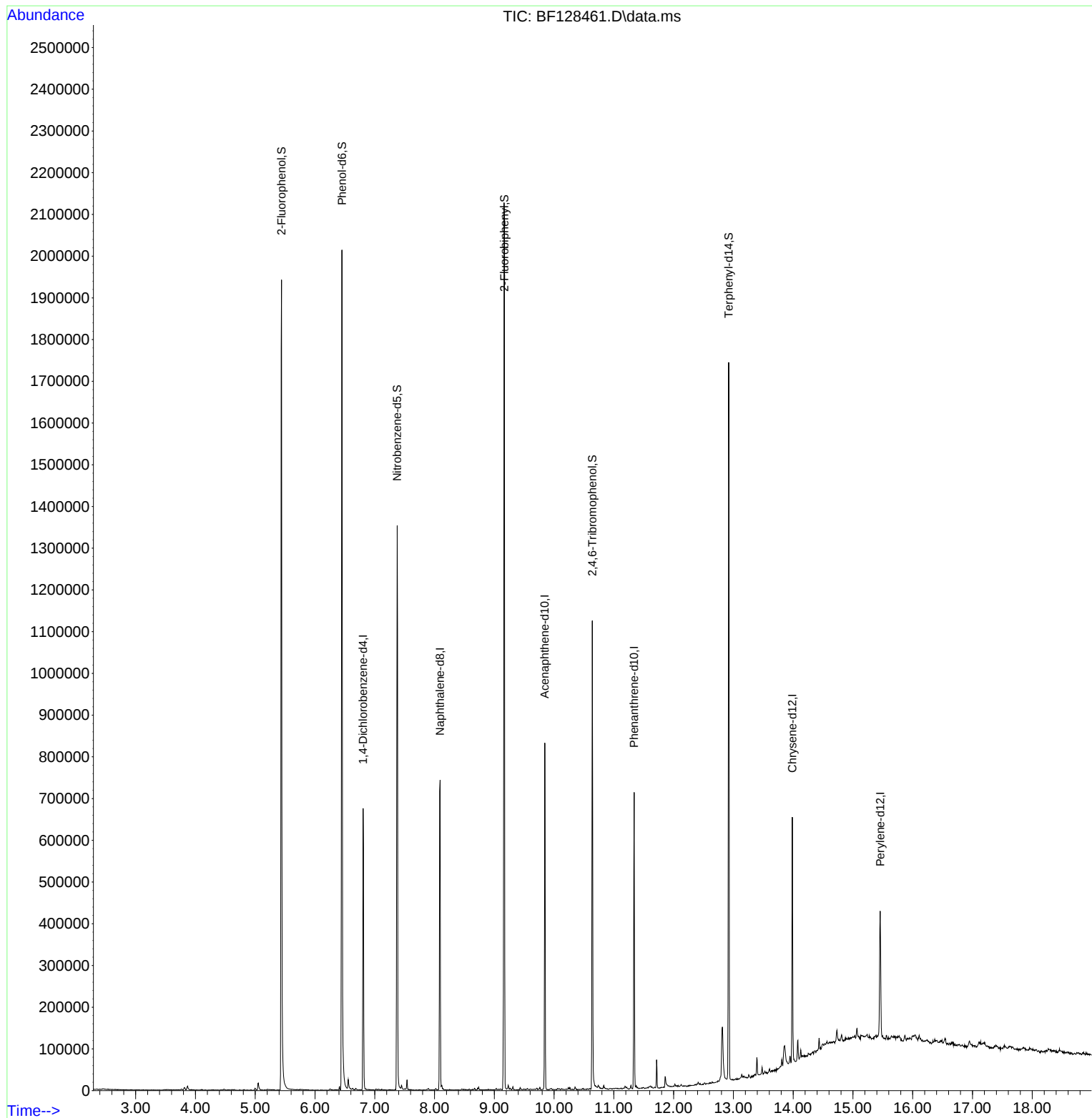
Target Compounds	Qvalue

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

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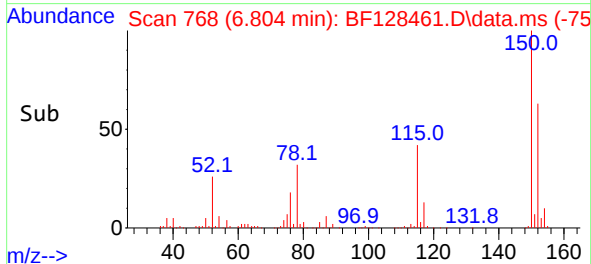
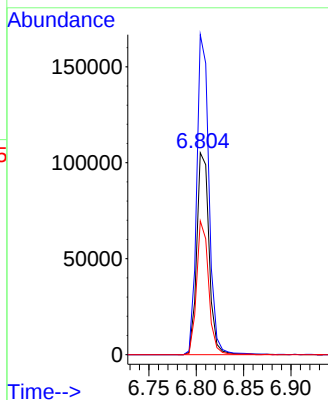
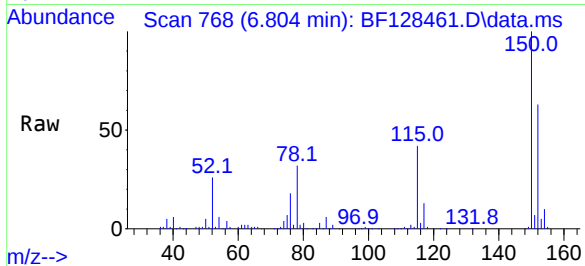




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

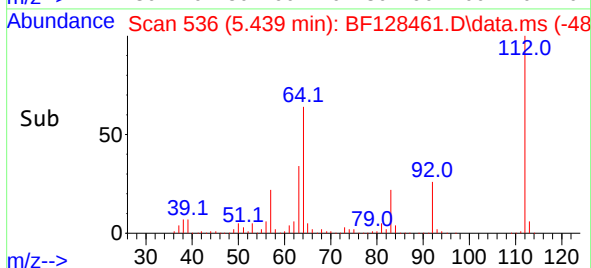
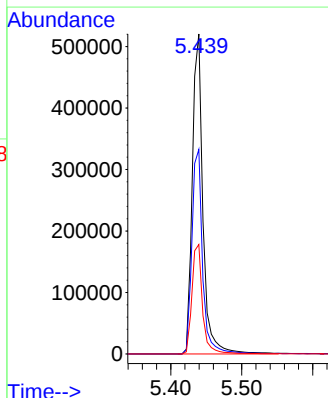
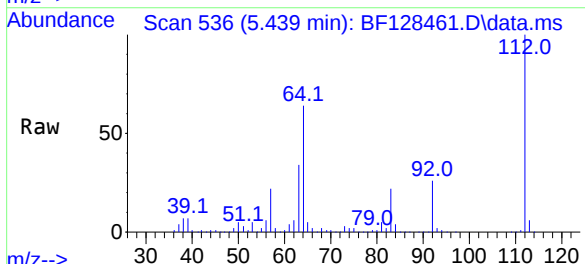
Instrument :
BNA_F
ClientSampleId :
P040-SS001-1218-01

Tgt Ion:152 Resp: 95789
Ion Ratio Lower Upper
152 100
150 158.4 125.3 187.9
115 66.2 48.8 73.2

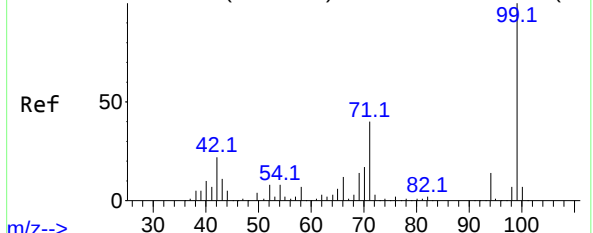


#5
2-Fluorophenol
Concen: 90.402 ng
RT: 5.439 min Scan# 536
Delta R.T. 0.006 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

Tgt Ion:112 Resp: 544156
Ion Ratio Lower Upper
112 100
64 63.9 49.5 74.3
63 34.2 26.3 39.5

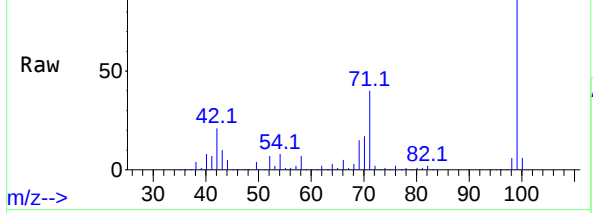


Abundance Scan 716 (6.498 min): BF128359.D\data.ms (-70



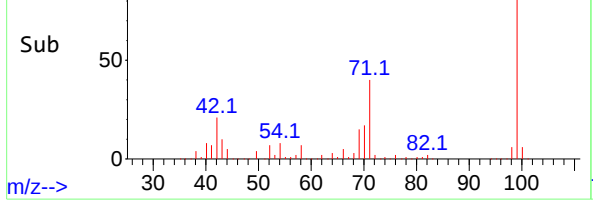
m/z-->

Abundance Scan 708 (6.451 min): BF128461.D\data.ms



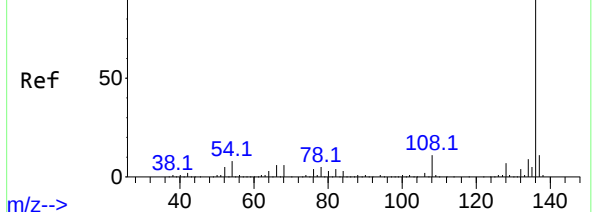
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Abundance Scan 708 (6.451 min): BF128461.D\data.ms (-65



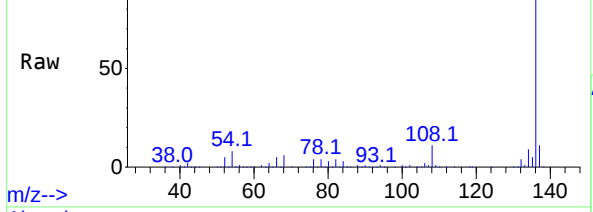
m/z-->

Abundance Scan 996 (8.145 min): BF128359.D\data.ms (-98



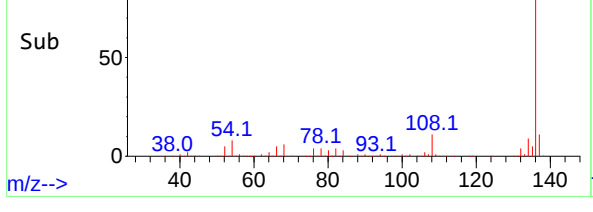
m/z-->

Abundance Scan 987 (8.092 min): BF128461.D\data.ms



m/z-->

Abundance Scan 987 (8.092 min): BF128461.D\data.ms (-93



m/z-->

#7

Phenol-d6

Concen: 84.762 ng

RT: 6.451 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF128461.D

Acq: 25 May 2022 15:55

Instrument :

BNA_F

ClientSampleId :

P040-SS001-1218-01

Tgt Ion: 99 Resp: 671835

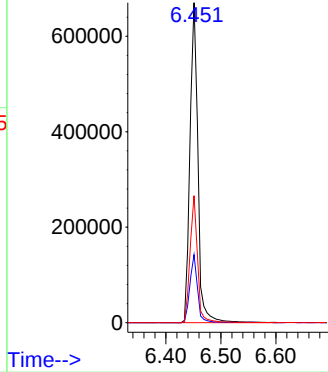
Ion Ratio Lower Upper

99 100

42 21.3 16.6 24.8

71 39.7 30.0 45.0

Abundance



Time-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF128461.D

Acq: 25 May 2022 15:55

Tgt Ion: 136 Resp: 332596

Ion Ratio Lower Upper

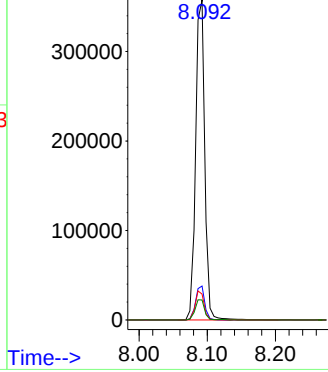
136 100

137 10.6 8.6 13.0

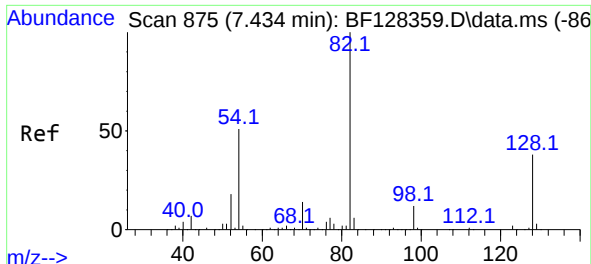
54 8.1 6.8 10.2

68 6.2 5.1 7.7

Abundance



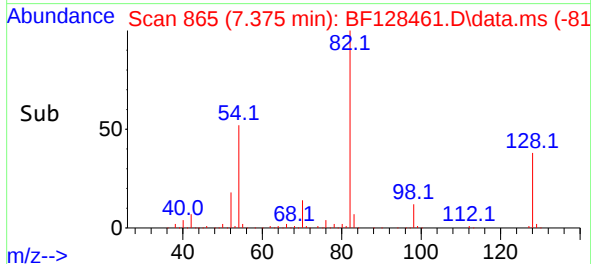
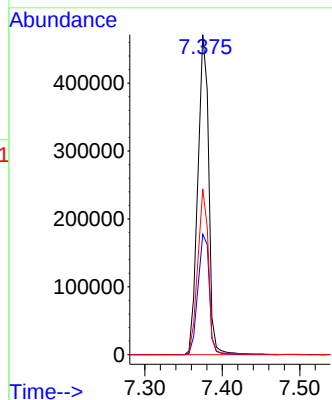
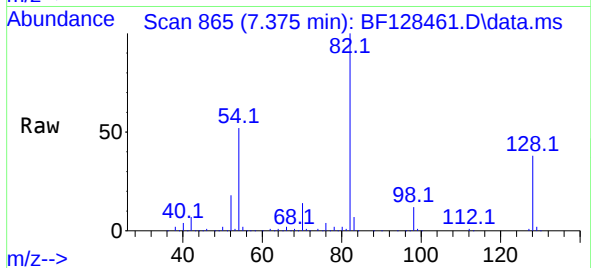
Time-->



#23
Nitrobenzene-d5
Concen: 62.322 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

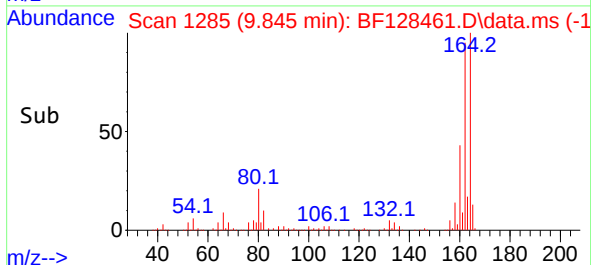
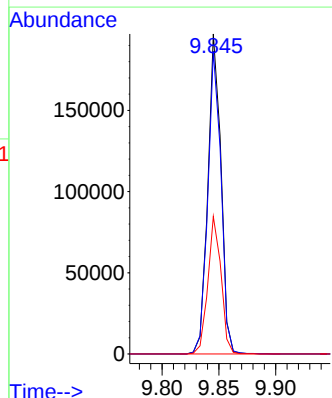
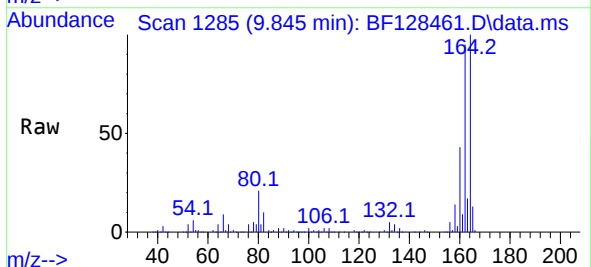
Instrument :
BNA_F
ClientSampleId :
P040-SS001-1218-01

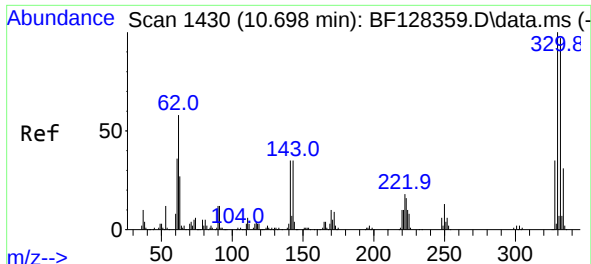
Tgt Ion: 82 Resp: 462631
Ion Ratio Lower Upper
82 100
128 37.7 30.0 45.0
54 51.8 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

Tgt Ion: 164 Resp: 157866
Ion Ratio Lower Upper
164 100
162 94.5 76.0 114.0
160 43.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 77.579 ng

RT: 10.639 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF128461.D

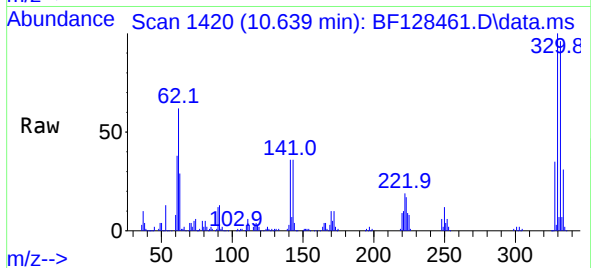
Acq: 25 May 2022 15:55

Instrument :

BNA_F

ClientSampleId :

P040-SS001-1218-01



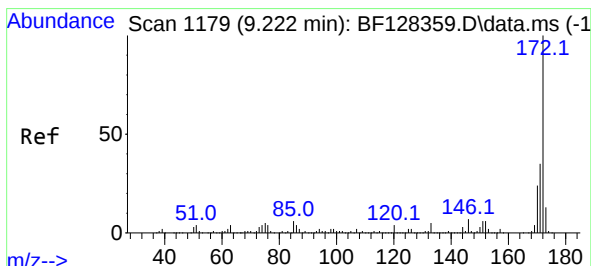
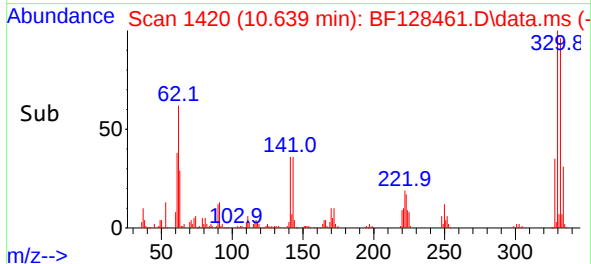
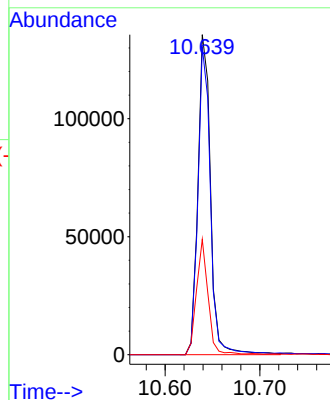
Tgt Ion:330 Resp: 126304

Ion Ratio Lower Upper

330 100

332 95.2 79.0 118.4

141 33.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 69.935 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF128461.D

Acq: 25 May 2022 15:55

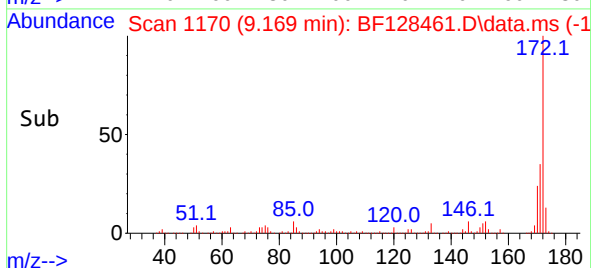
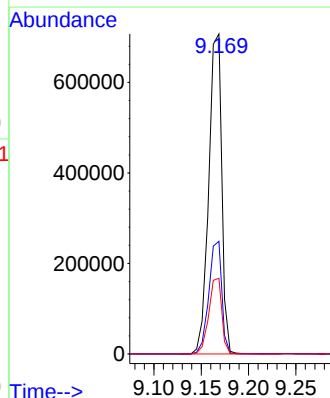
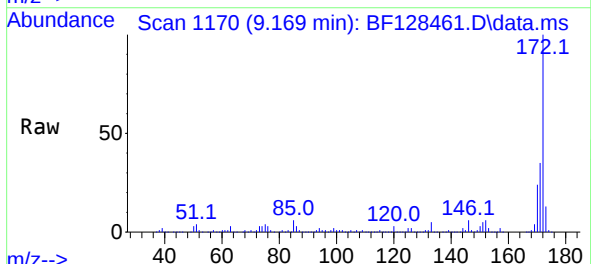
Tgt Ion:172 Resp: 675112

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.6 19.1 28.7

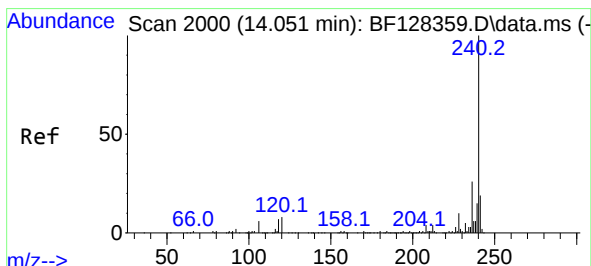
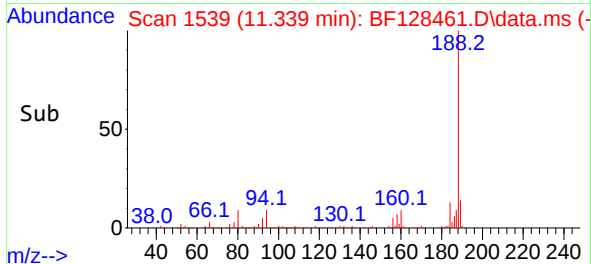
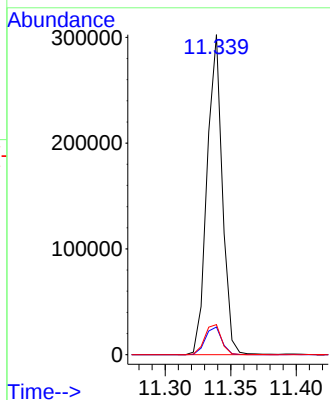
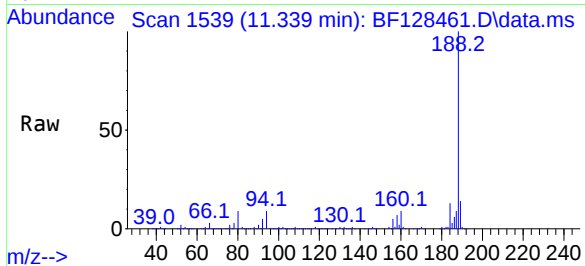




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

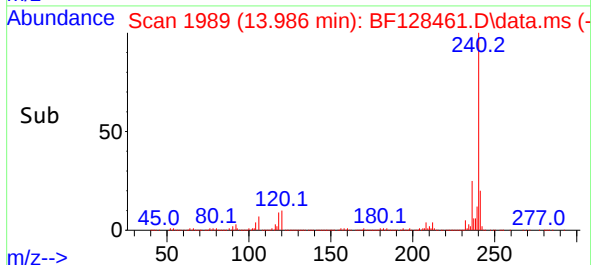
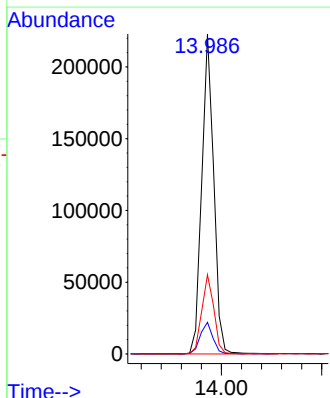
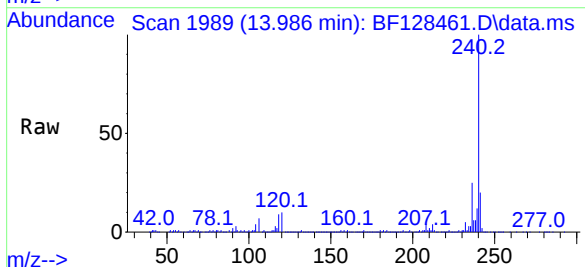
Instrument :
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P040-SS001-1218-01

Tgt Ion:188 Resp: 245265
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

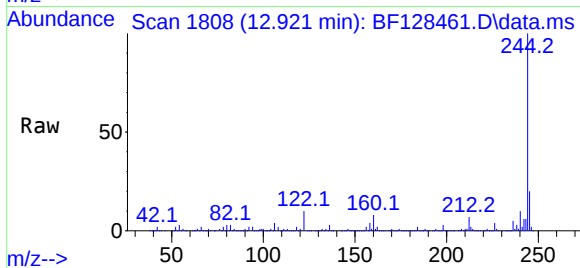
Tgt Ion:240 Resp: 185581
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 24.8 20.3 30.5



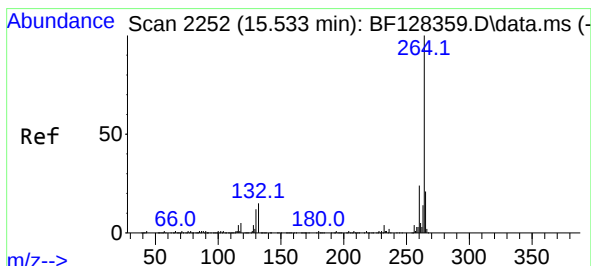
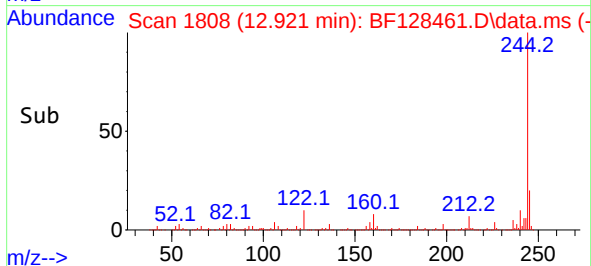
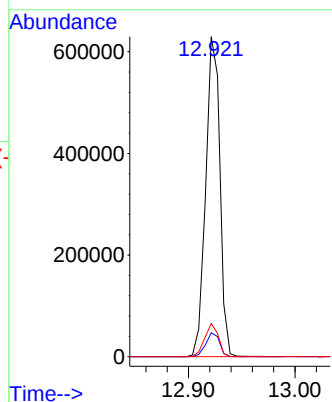


#79
 Terphenyl-d14
 Concen: 60.716 ng
 RT: 12.921 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128461.D
 Acq: 25 May 2022 15:55

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 583691
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 10.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2239
 Delta R.T. -0.000 min
 Lab File: BF128461.D
 Acq: 25 May 2022 15:55

Tgt Ion:264 Resp: 140146
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 21.6 17.5 26.3

