

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128941.D
 Acq On : 22 Jun 2022 19:50
 Operator : CG\JU
 Sample : N3430-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-14-16-20220621

Quant Time: Jun 23 01:32:25 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 22 01:02:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	105917	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	421008	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	239404	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	444677	20.000	ng	-0.01
76) Chrysene-d12	13.915	240	288074	20.000	ng	#-0.01
86) Perylene-d12	15.357	264	211414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	612570	92.121	ng	0.00
7) Phenol-d6	6.404	99	797066	98.197	ng	-0.01
23) Nitrobenzene-d5	7.316	82	577618	63.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	248007	87.676	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1135432	66.436	ng	-0.01
79) Terphenyl-d14	12.863	244	1224640	73.869	ng	0.00

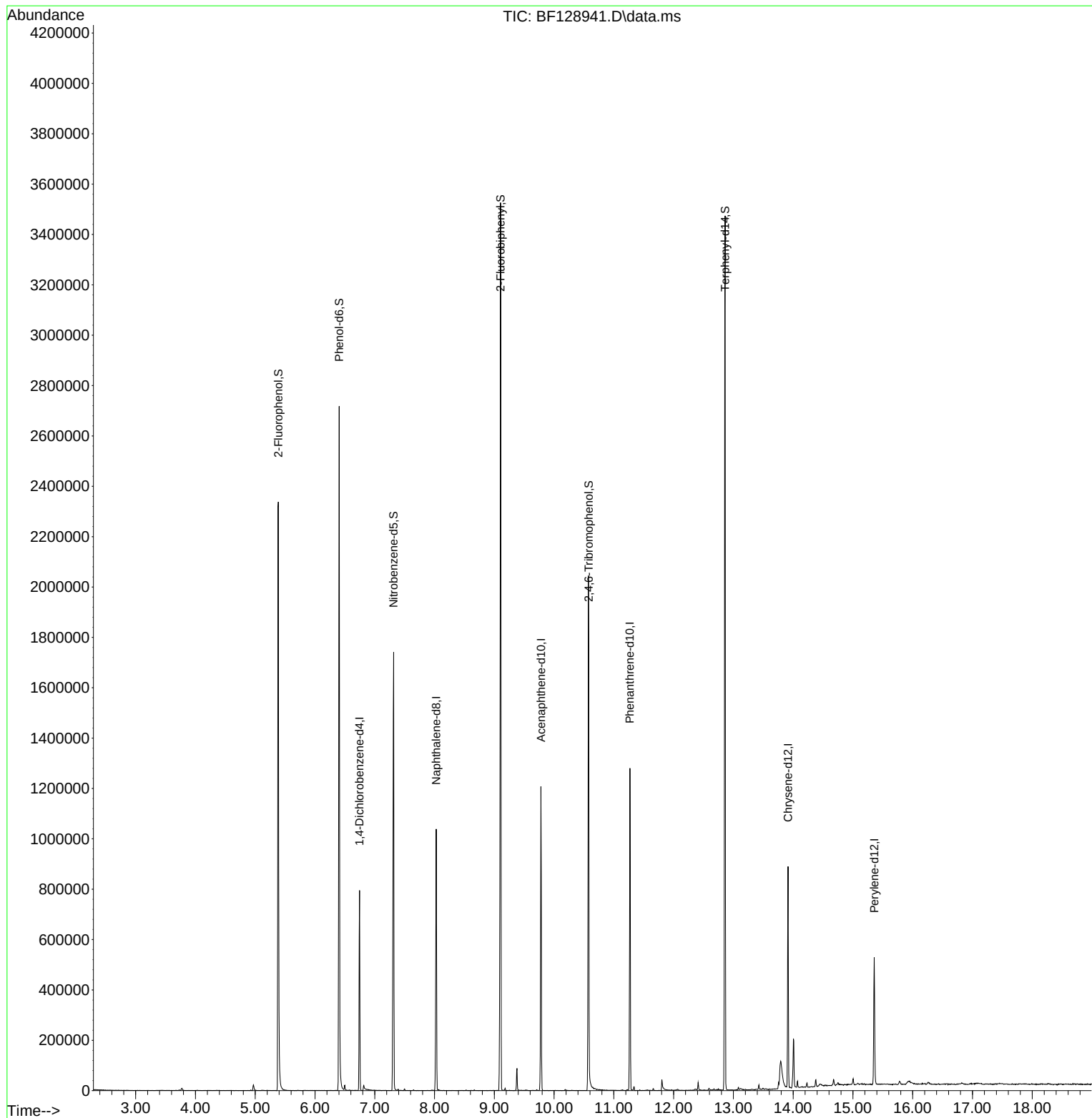
Target Compounds	Qvalue

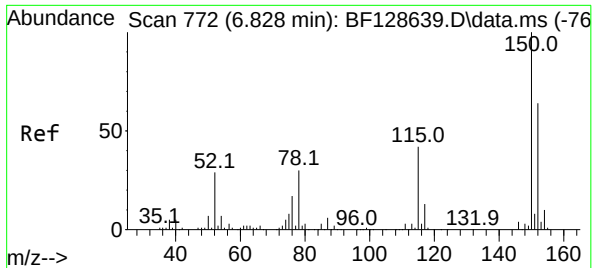
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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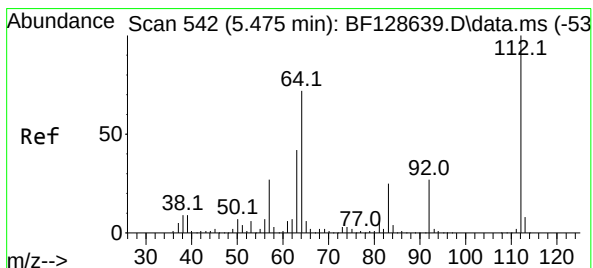
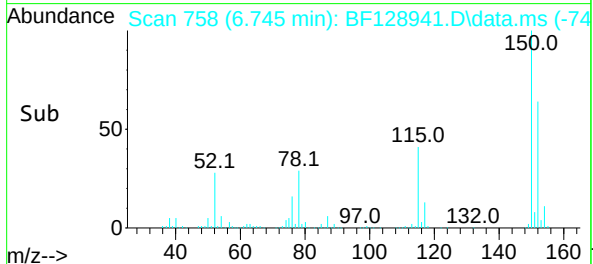
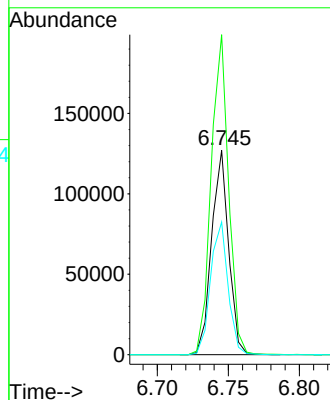
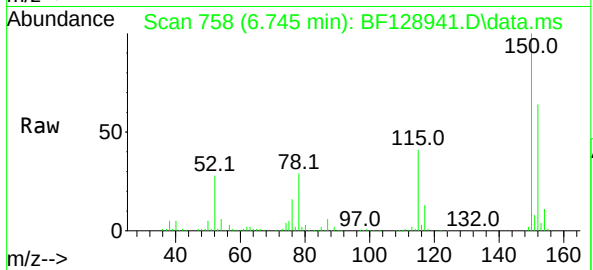




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

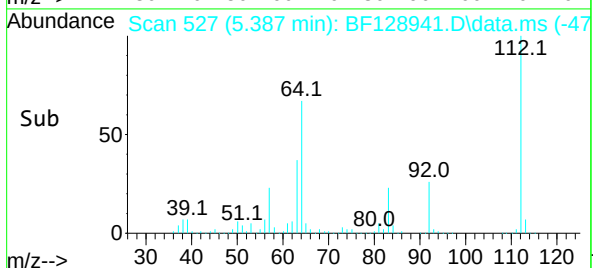
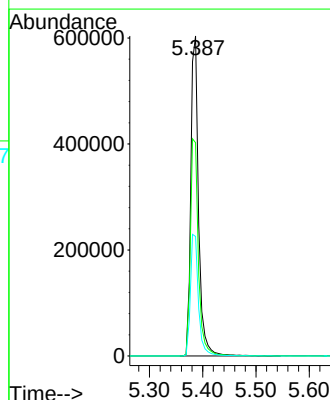
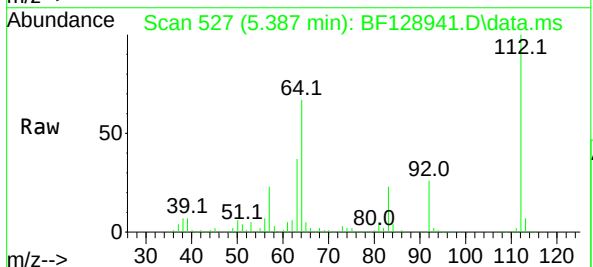
Instrument :
BNA_F
ClientSampleId :
SB-4-14-16-20220621

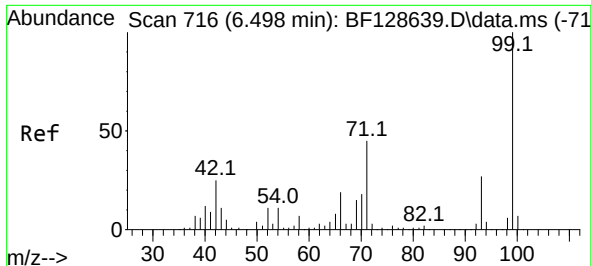
Tgt Ion:152 Resp: 105917
Ion Ratio Lower Upper
152 100
150 156.6 123.7 185.5
115 64.9 49.9 74.9



#5
2-Fluorophenol
Concen: 92.121 ng
RT: 5.387 min Scan# 527
Delta R.T. -0.000 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

Tgt Ion:112 Resp: 612570
Ion Ratio Lower Upper
112 100
64 66.6 53.3 79.9
63 37.4 28.0 42.0

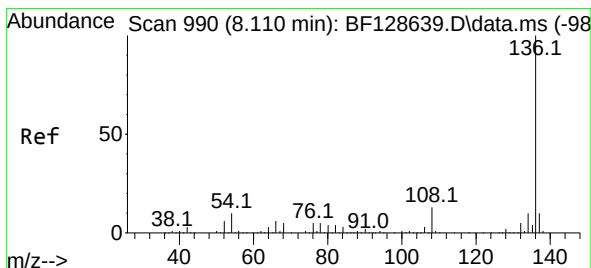
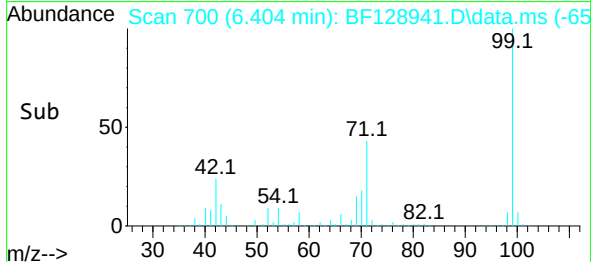
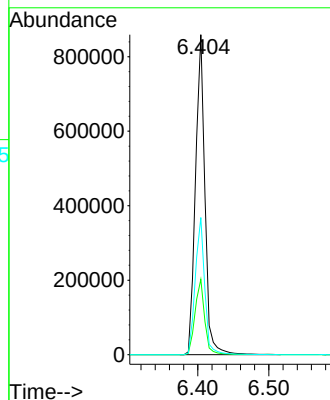
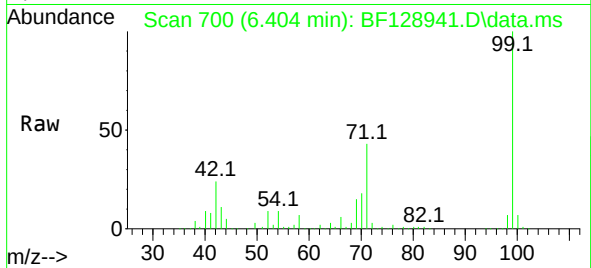




#7
Phenol-d6
Concen: 98.197 ng
RT: 6.404 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

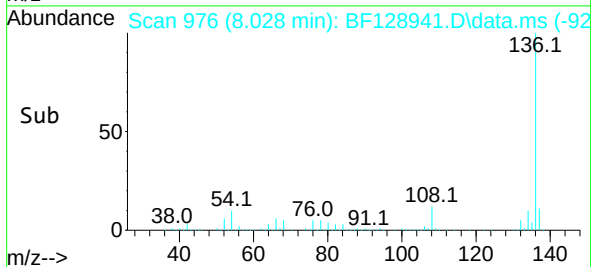
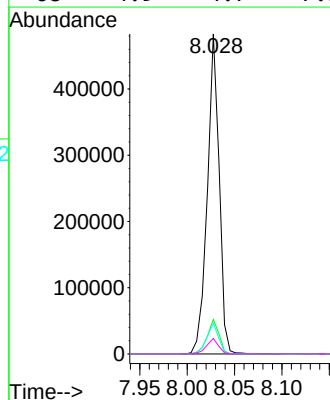
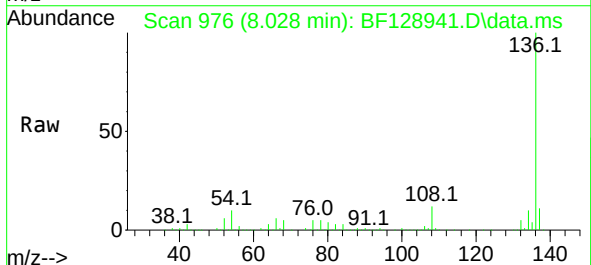
Instrument :
BNA_F
ClientSampleId :
SB-4-14-16-20220621

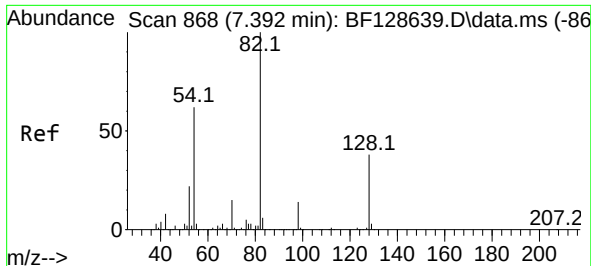
Tgt Ion: 99 Resp: 797066
Ion Ratio Lower Upper
99 100
42 23.6 17.3 25.9
71 42.8 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

Tgt Ion: 136 Resp: 421008
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.7 7.5 11.3
68 4.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 63.878 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128941.D

Acq: 22 Jun 2022 19:50

Instrument :

BNA_F

ClientSampleId :

SB-4-14-16-20220621

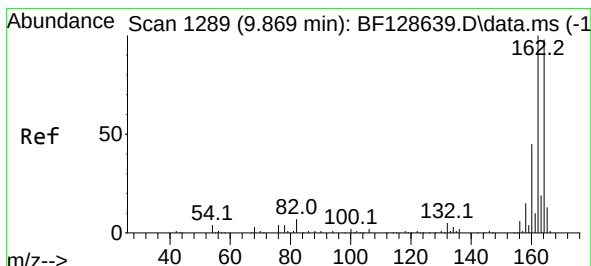
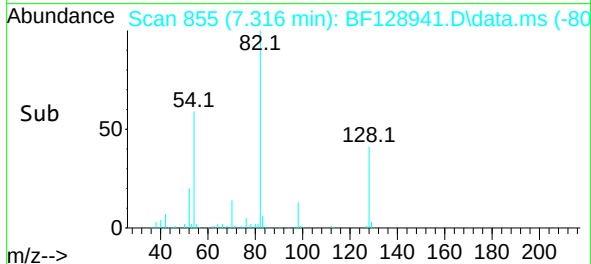
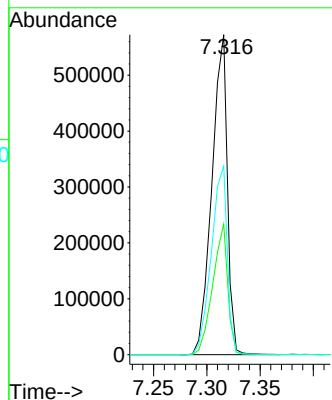
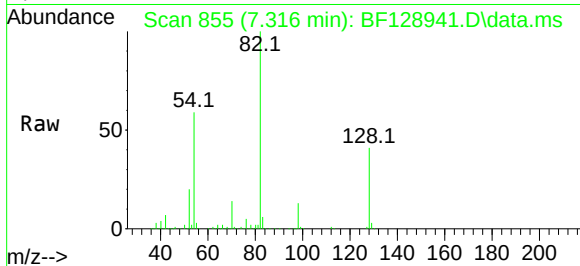
Tgt Ion: 82 Resp: 577618

Ion Ratio Lower Upper

82 100

128 40.8 34.0 51.0

54 59.0 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1274

Delta R.T. -0.012 min

Lab File: BF128941.D

Acq: 22 Jun 2022 19:50

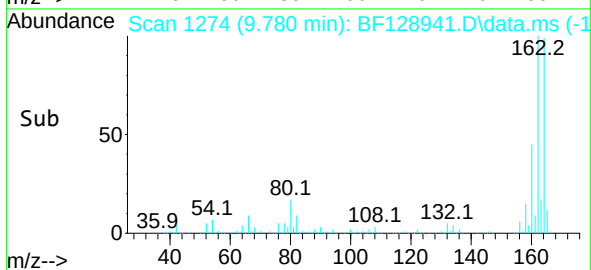
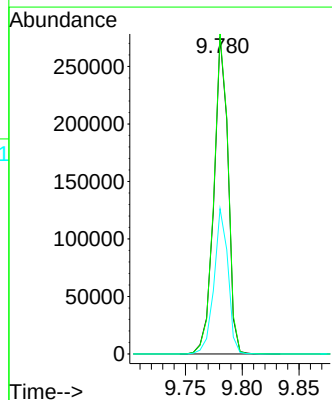
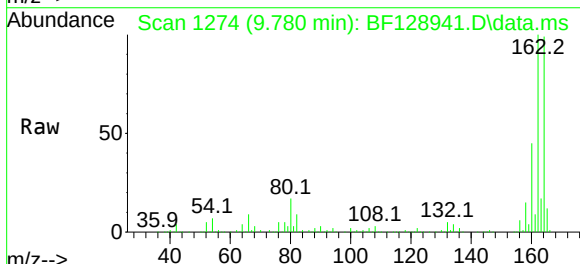
Tgt Ion:164 Resp: 239404

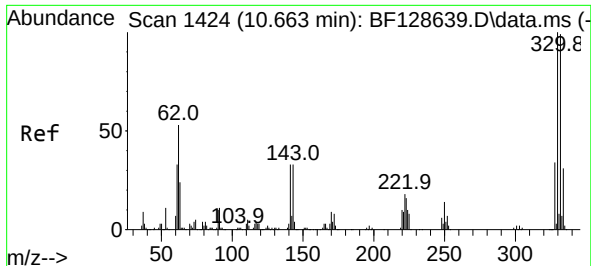
Ion Ratio Lower Upper

164 100

162 100.8 79.5 119.3

160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 87.676 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128941.D

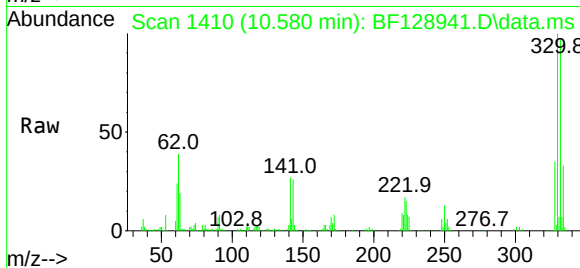
Acq: 22 Jun 2022 19:50

Instrument :

BNA_F

ClientSampleId :

SB-4-14-16-20220621



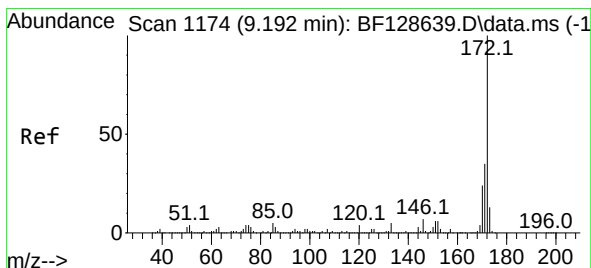
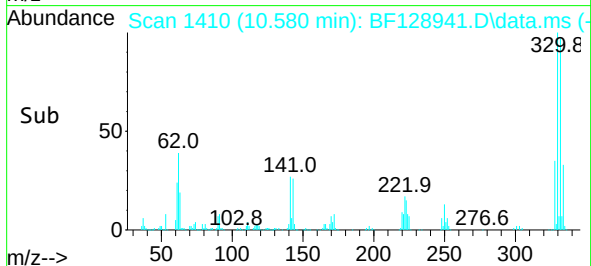
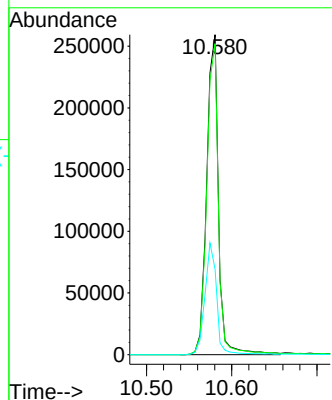
Tgt Ion:330 Resp: 248007

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 66.436 ng

RT: 9.104 min Scan# 1159

Delta R.T. -0.012 min

Lab File: BF128941.D

Acq: 22 Jun 2022 19:50

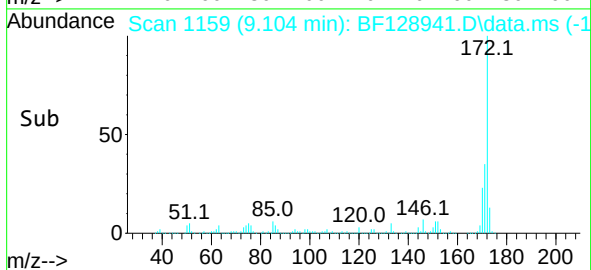
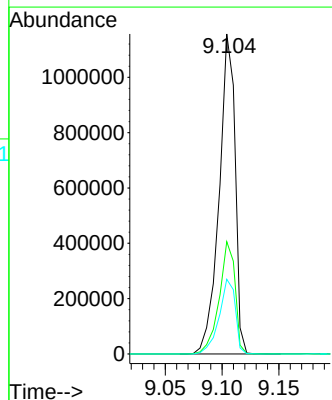
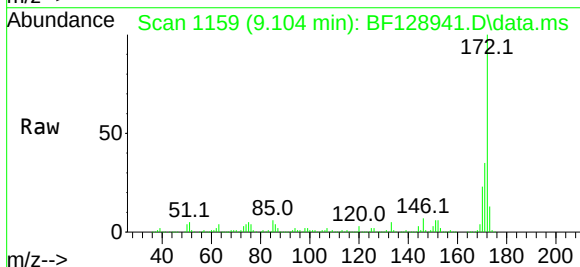
Tgt Ion:172 Resp: 1135432

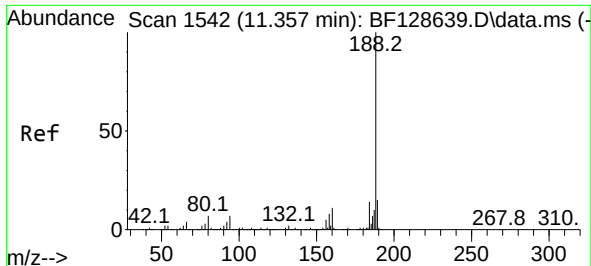
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.3 19.8 29.8

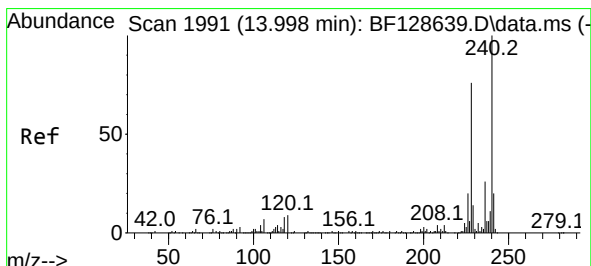
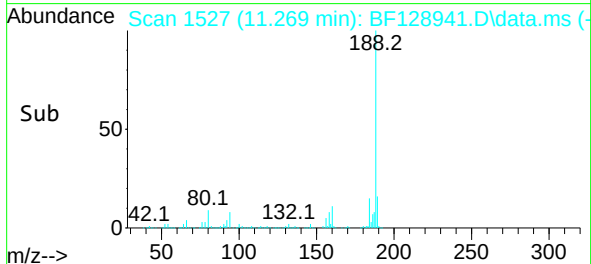
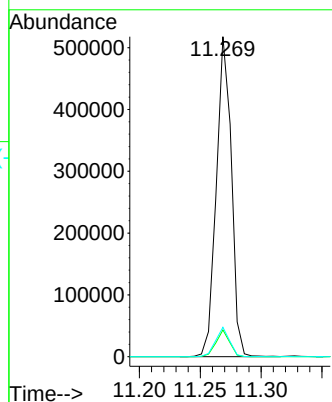
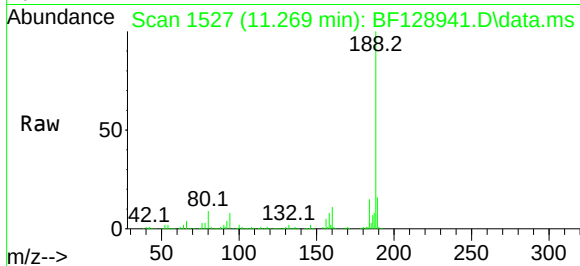




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

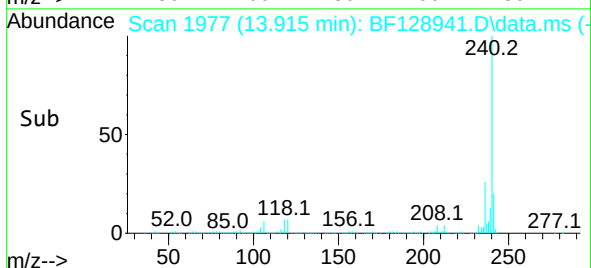
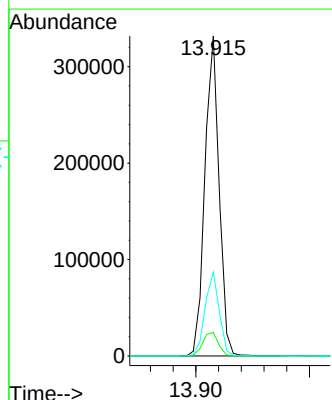
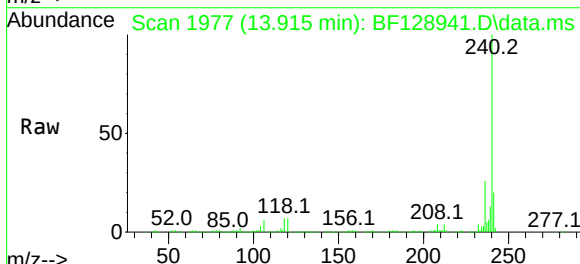
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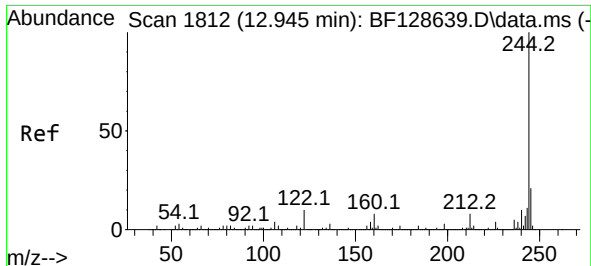
Tgt Ion:188 Resp: 444677
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF128941.D
Acq: 22 Jun 2022 19:50

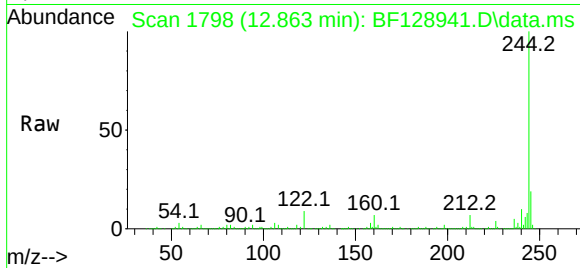
Tgt Ion:240 Resp: 288074
Ion Ratio Lower Upper
240 100
120 7.3 8.9 13.3#
236 26.3 20.8 31.2



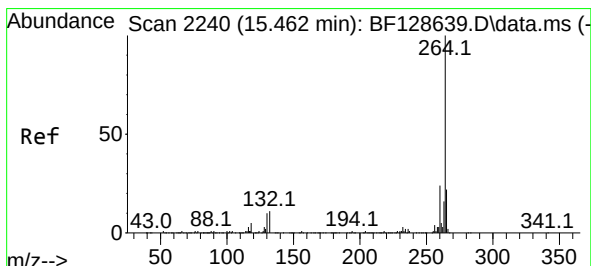
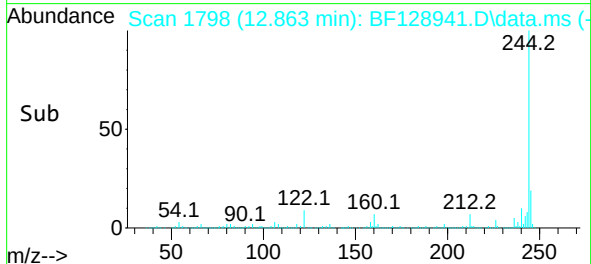
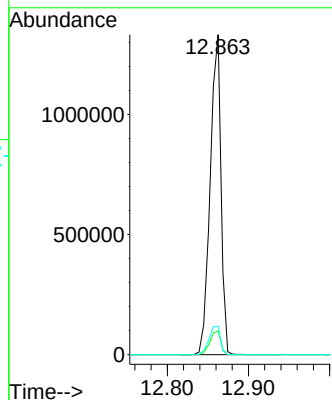


#79
 Terphenyl-d14
 Concen: 73.869 ng
 RT: 12.863 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128941.D
 Acq: 22 Jun 2022 19:50

Instrument :
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Tgt Ion:244 Resp: 1224640
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 8.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.357 min Scan# 2222
 Delta R.T. -0.006 min
 Lab File: BF128941.D
 Acq: 22 Jun 2022 19:50

Tgt Ion:264 Resp: 211414
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 20.4 17.2 25.8

