

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128896.D
 Acq On : 21 Jun 2022 12:02
 Operator : CG\JU
 Sample : PB145625BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145625BL

Quant Time: Jun 22 01:48:06 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	6.769	152	117987	20.000	ng	0.01
21) Naphthalene-d8	8.051	136	428131	20.000	ng	0.01
39) Acenaphthene-d10	9.810	164	262362	20.000	ng	0.02
64) Phenanthrene-d10	11.298	188	496339	20.000	ng	# 0.02
76) Chrysene-d12	13.939	240	298942	20.000	ng	# 0.01
86) Perylene-d12	15.392	264	231816	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	932273	125.857	ng	0.04
7) Phenol-d6	6.428	99	1169269	129.316	ng	0.01
23) Nitrobenzene-d5	7.340	82	823534	89.558	ng	0.01
42) 2,4,6-Tribromophenol	10.604	330	348627	112.463	ng	0.02
45) 2-Fluorobiphenyl	9.134	172	1577307	84.215	ng	0.02
79) Terphenyl-d14	12.892	244	1544500	89.776	ng	0.02

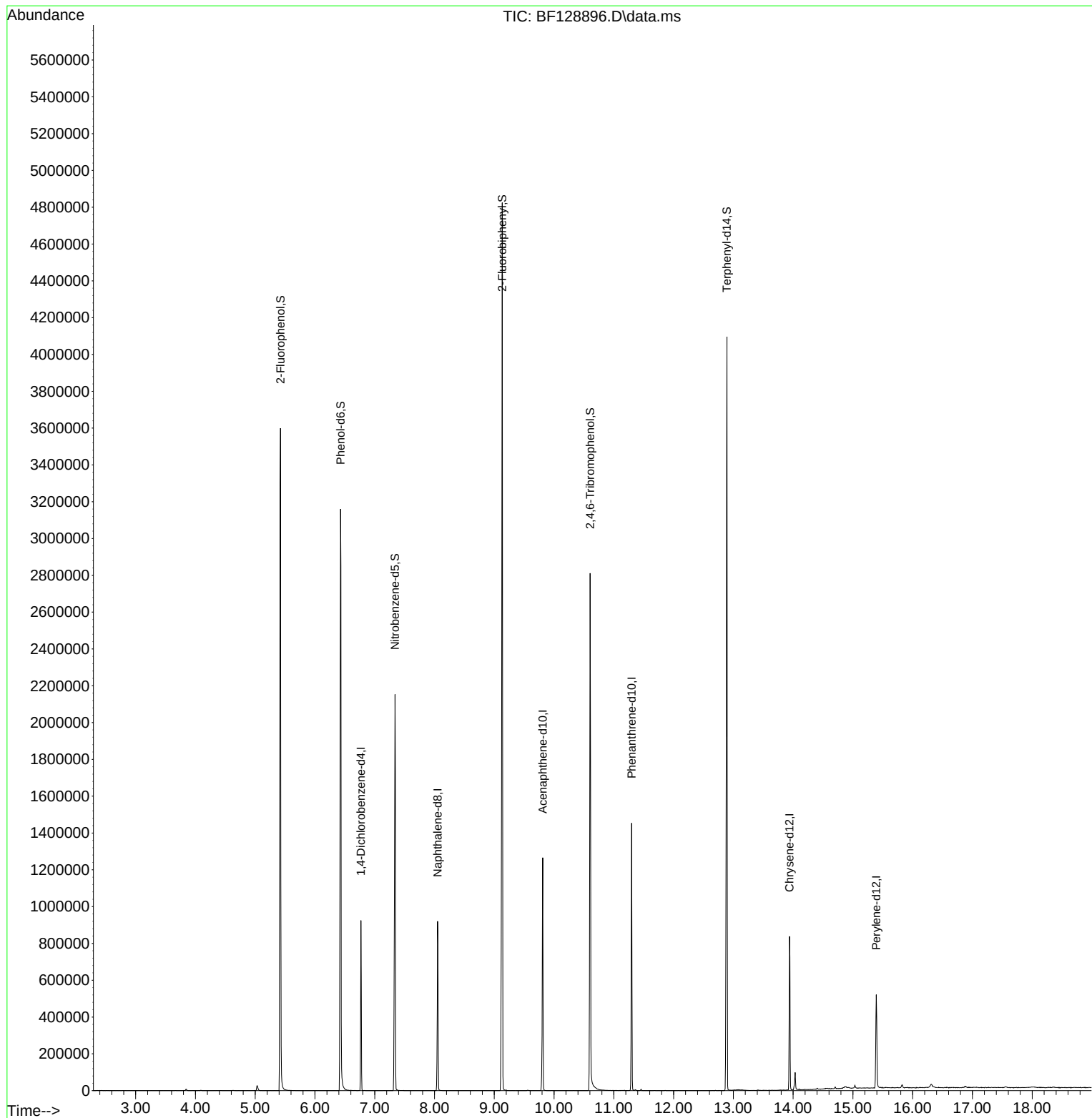
Target Compounds	Qvalue

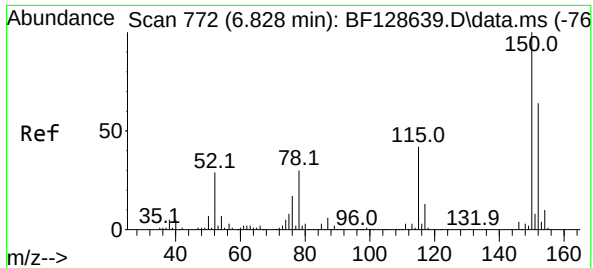
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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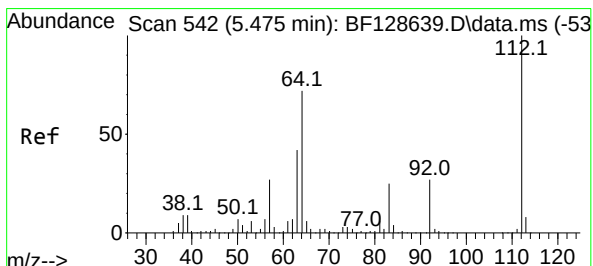
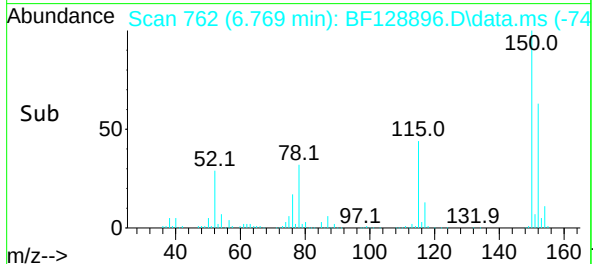
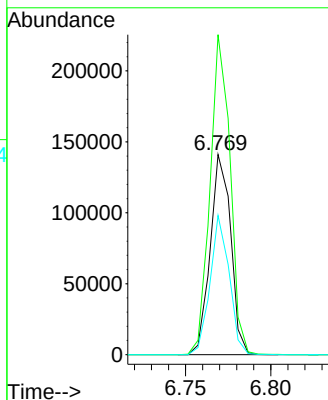
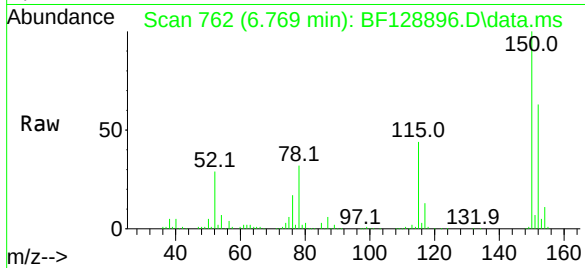




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 70
Delta R.T. 0.012 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

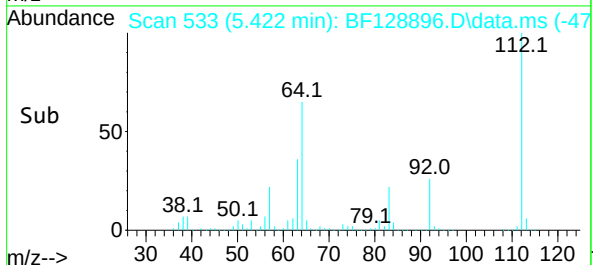
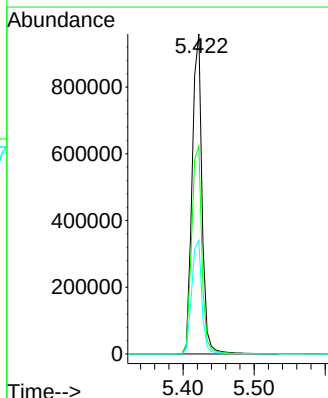
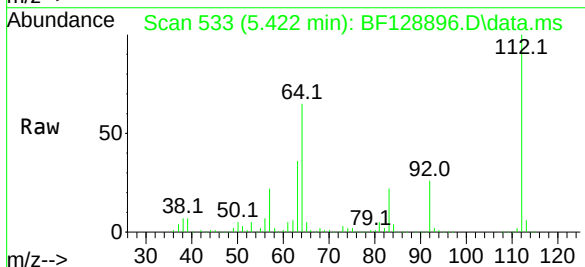
Instrument :
BNA_F
ClientSampleId :
PB145625BL

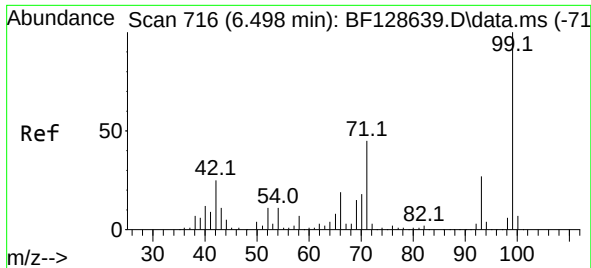
Tgt Ion:152 Resp: 117987
Ion Ratio Lower Upper
152 100
150 159.8 123.7 185.5
115 69.5 49.9 74.9



#5
2-Fluorophenol
Concen: 125.857 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.035 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

Tgt Ion:112 Resp: 932273
Ion Ratio Lower Upper
112 100
64 64.9 53.3 79.9
63 35.5 28.0 42.0



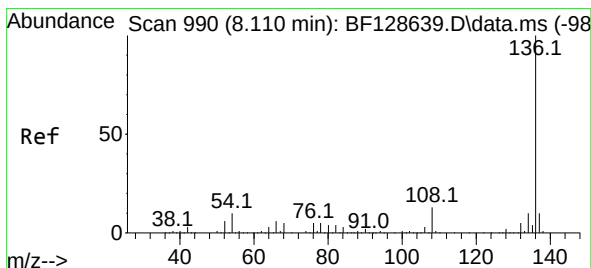
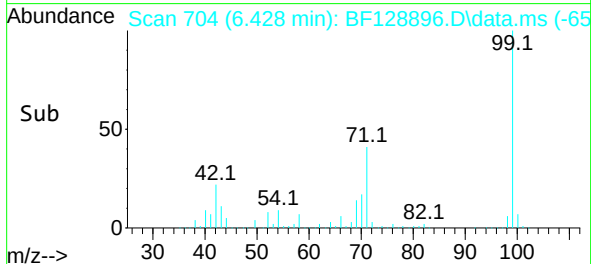
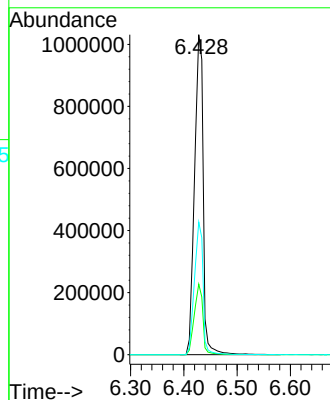
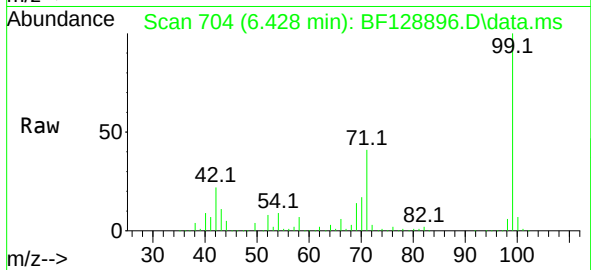


#7
Phenol-d6
Concen: 129.316 ng
RT: 6.428 min Scan# 70
Delta R.T. 0.012 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

Instrument :
BNA_F
ClientSampleId :
PB145625BL

Tgt Ion: 99 Resp: 1169269

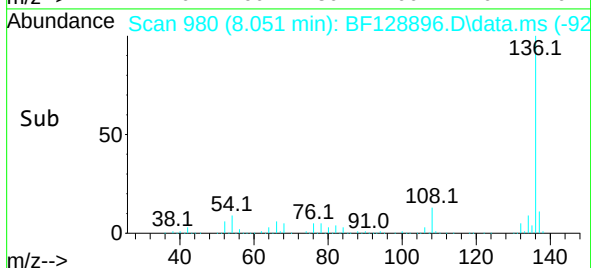
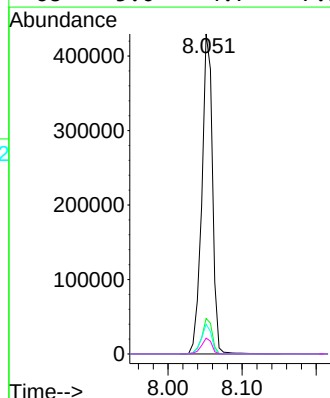
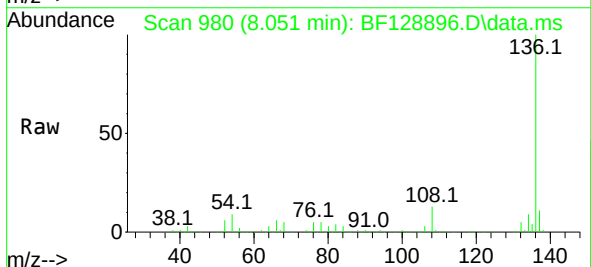
Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.3	25.9
71	41.5	28.9	43.3

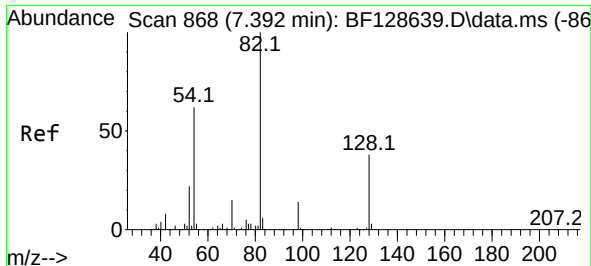


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 980
Delta R.T. 0.012 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

Tgt Ion: 136 Resp: 428131

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.3	7.5	11.3
68	5.0	4.7	7.1

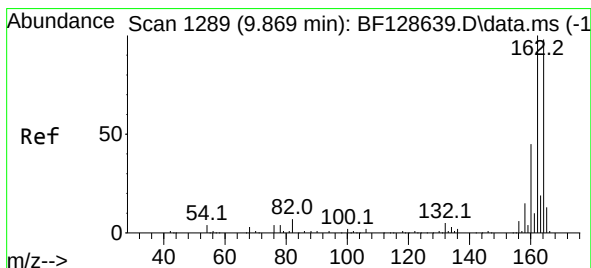
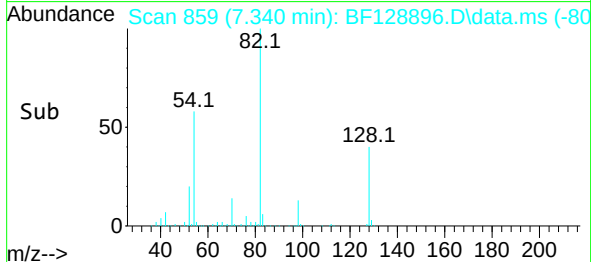
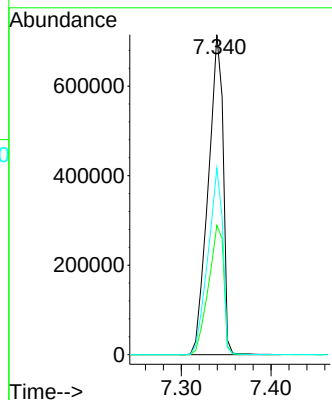
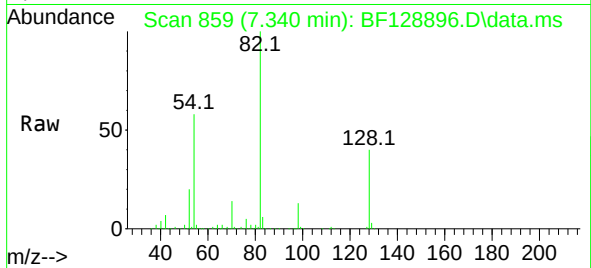




#23
Nitrobenzene-d5
Concen: 89.558 ng
RT: 7.340 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

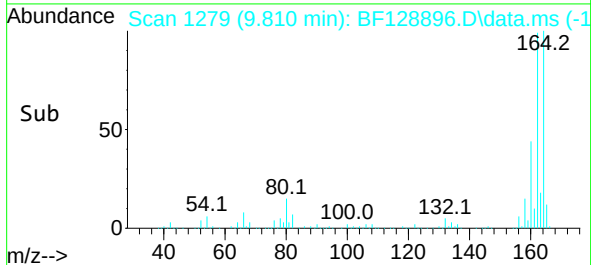
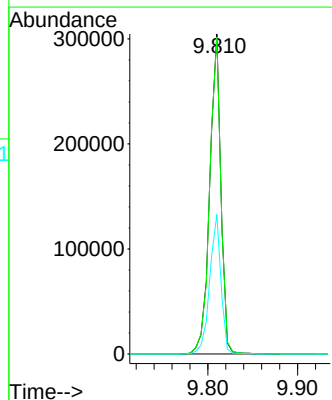
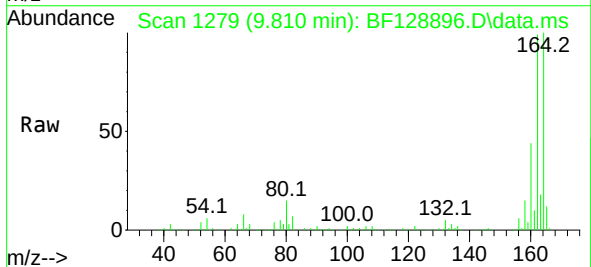
Instrument :
BNA_F
ClientSampleId :
PB145625BL

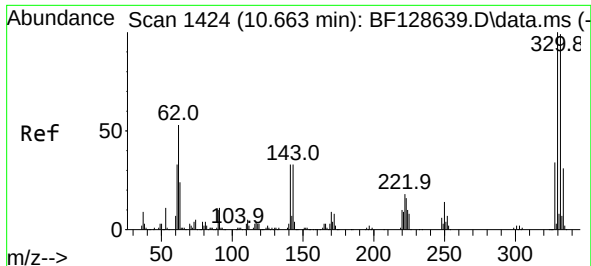
Tgt Ion: 82 Resp: 823534
Ion Ratio Lower Upper
82 100
128 40.4 34.0 51.0
54 58.3 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. 0.018 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

Tgt Ion:164 Resp: 262362
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 43.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 112.463 ng

RT: 10.604 min Scan# 1414

Delta R.T. 0.018 min

Lab File: BF128896.D

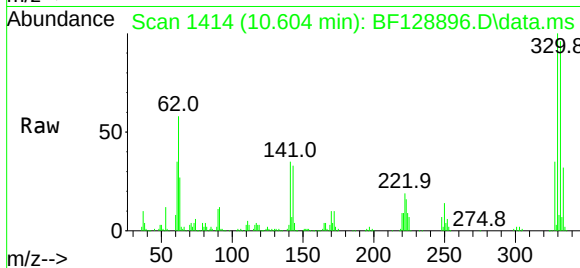
Acq: 21 Jun 2022 12:02

Instrument :

BNA_F

ClientSampleId :

PB145625BL



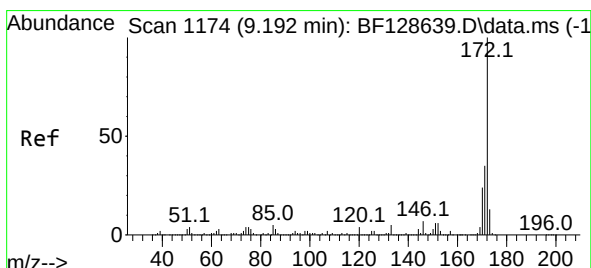
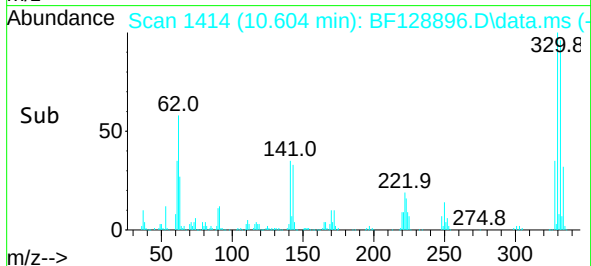
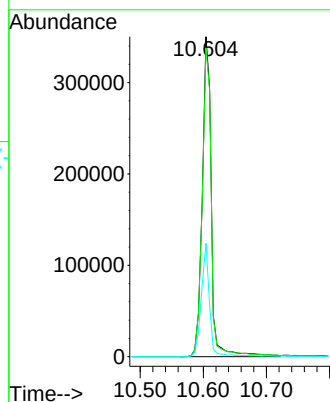
Tgt Ion:330 Resp: 348627

Ion Ratio Lower Upper

330 100

332 98.4 76.8 115.2

141 32.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.215 ng

RT: 9.134 min Scan# 1164

Delta R.T. 0.018 min

Lab File: BF128896.D

Acq: 21 Jun 2022 12:02

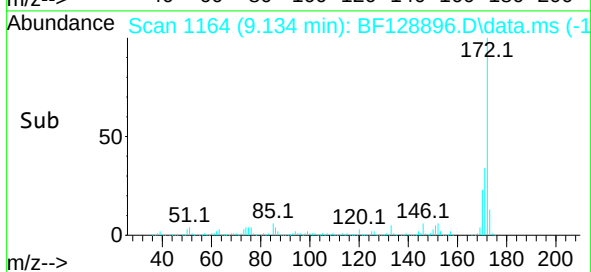
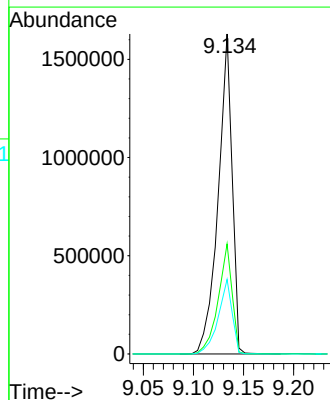
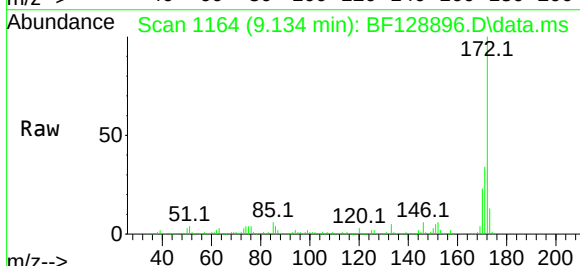
Tgt Ion:172 Resp: 1577307

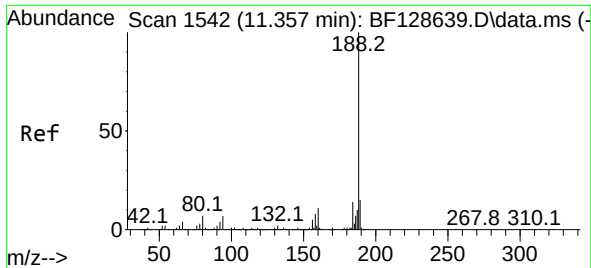
Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 23.3 19.8 29.8

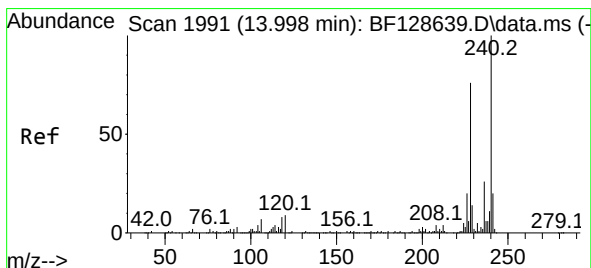
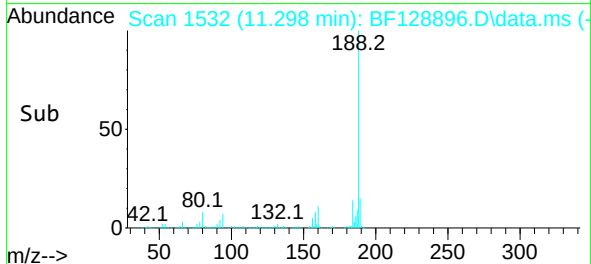
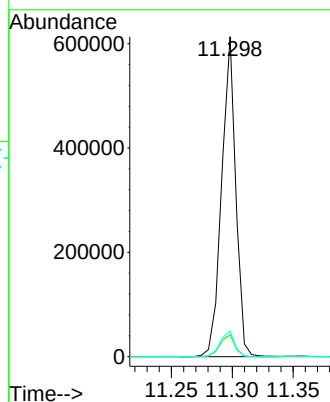
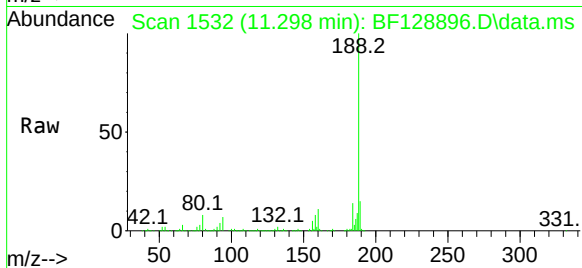




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

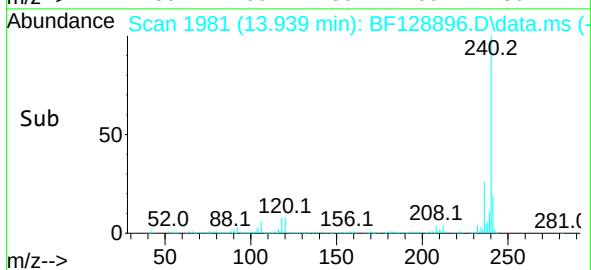
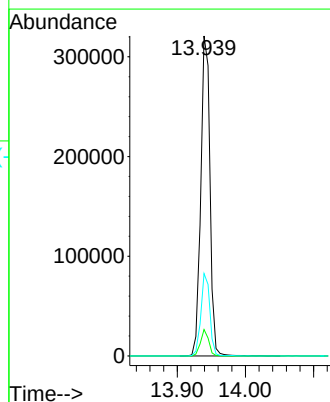
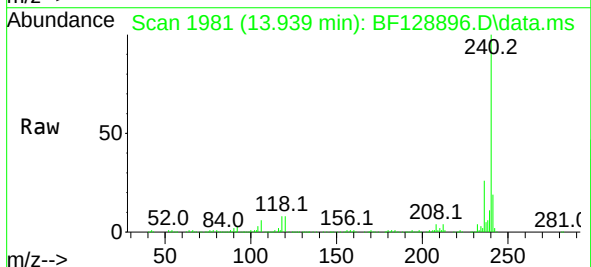
Instrument :
BNA_F
ClientSampleId :
PB145625BL

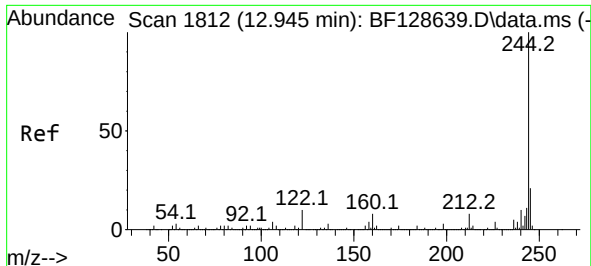
Tgt Ion:188 Resp: 496339
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.6#
80 7.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BF128896.D
Acq: 21 Jun 2022 12:02

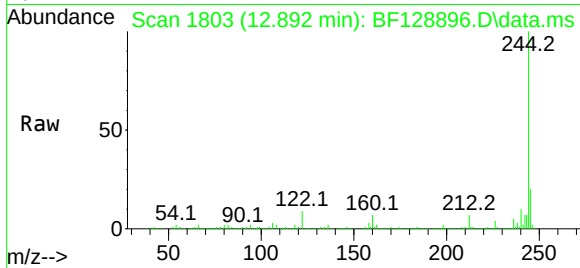
Tgt Ion:240 Resp: 298942
Ion Ratio Lower Upper
240 100
120 8.2 8.9 13.3#
236 25.7 20.8 31.2



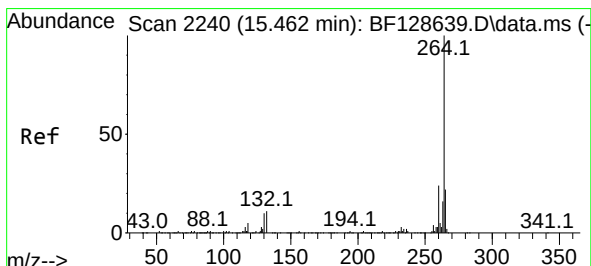
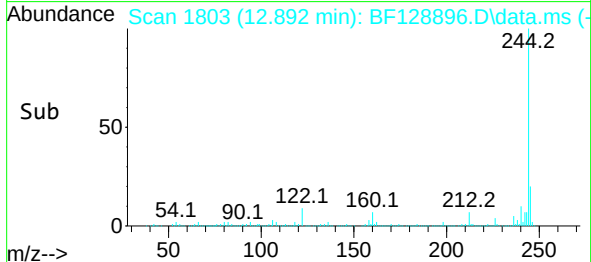
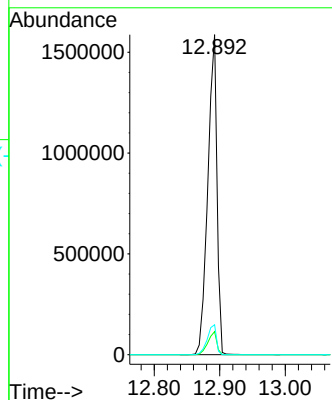


#79
 Terphenyl-d14
 Concen: 89.776 ng
 RT: 12.892 min Scan# 1812
 Delta R.T. 0.024 min
 Lab File: BF128896.D
 Acq: 21 Jun 2022 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB145625BL



Tgt Ion:244 Resp: 1544500
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 9.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2228
 Delta R.T. 0.030 min
 Lab File: BF128896.D
 Acq: 21 Jun 2022 12:02

Tgt Ion:264 Resp: 231816
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.3 17.2 25.8

