

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128500.D
 Acq On : 27 May 2022 10:07
 Operator : CG\JU
 Sample : PB145062BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145062BL

Quant Time: May 27 23:17:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	242283	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	947146	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	535104	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	983913	20.000	ng	0.00
76) Chrysene-d12	14.004	240	763445	20.000	ng	0.00
86) Perylene-d12	15.468	264	616250	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1776852	121.477	ng	0.02
7) Phenol-d6	6.463	99	2286095	122.579	ng	0.00
23) Nitrobenzene-d5	7.404	82	1522833	92.752	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	631540	123.995	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2784637	84.545	ng	0.00
79) Terphenyl-d14	12.963	244	3055792	77.329	ng	0.00

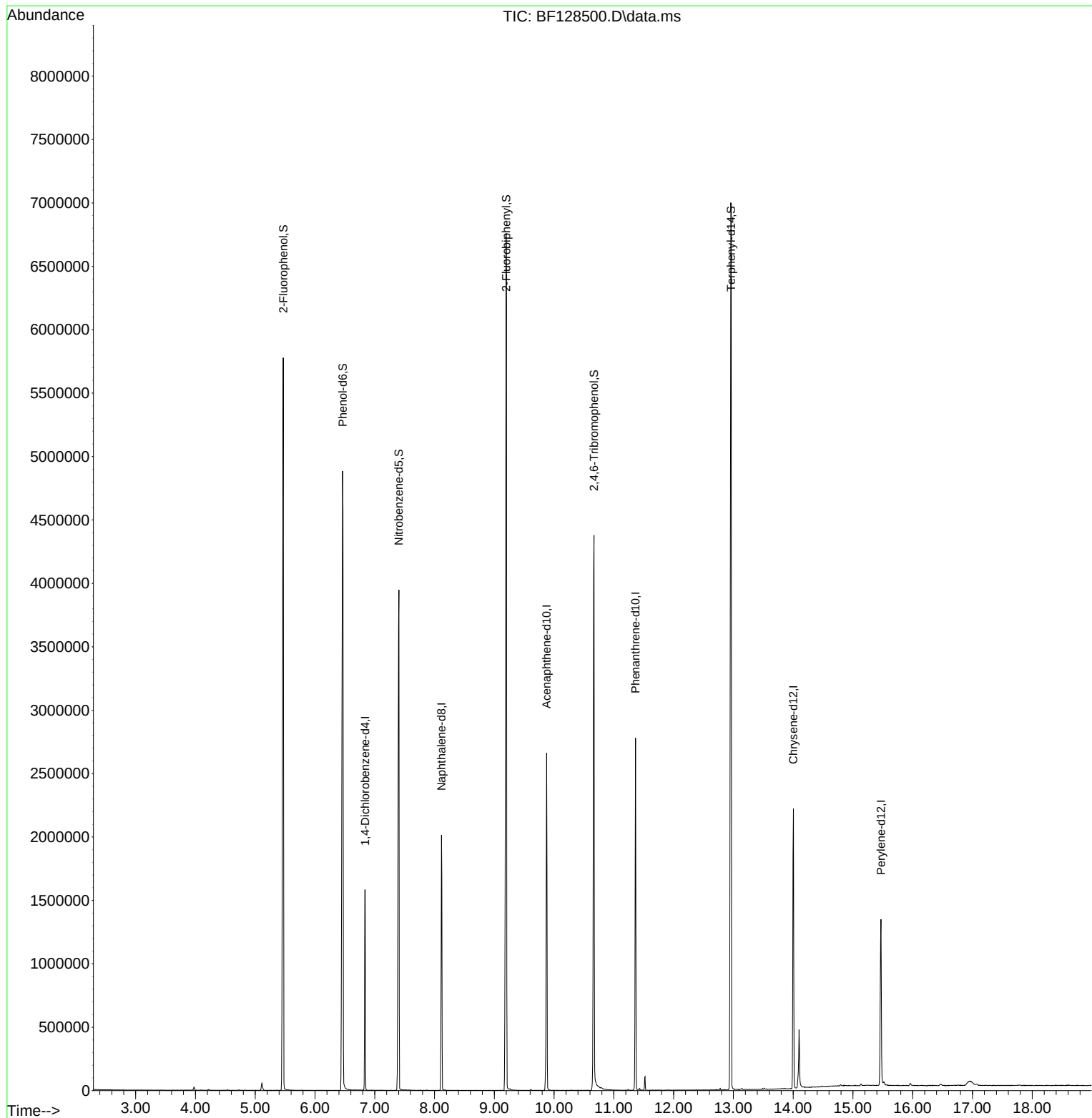
Target Compounds	Qvalue

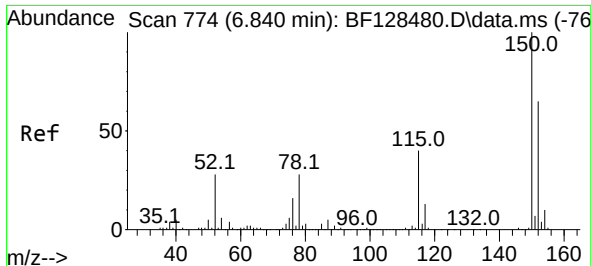
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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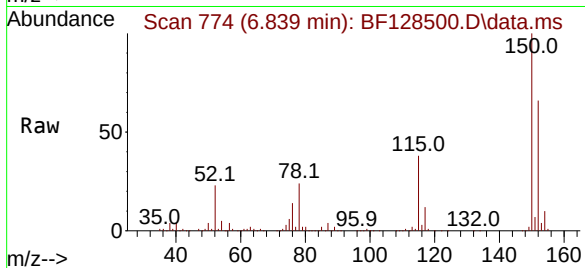
Quant Time: May 27 23:17:24 2022
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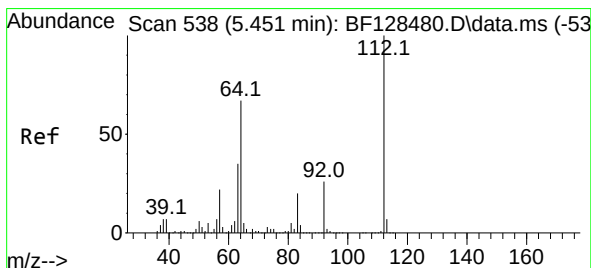
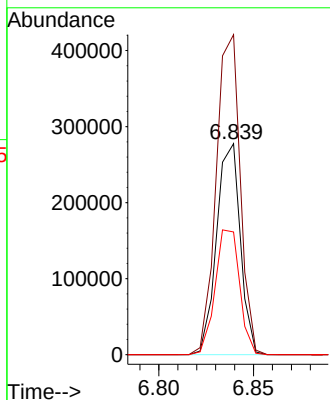
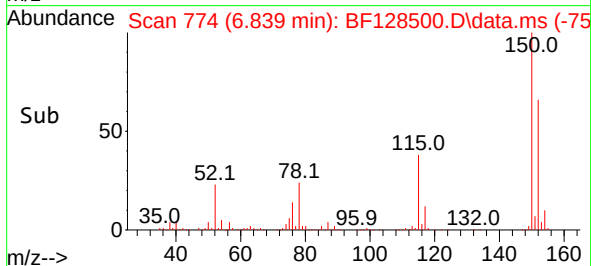


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

Instrument :
BNA_F
ClientSampleId :
PB145062BL

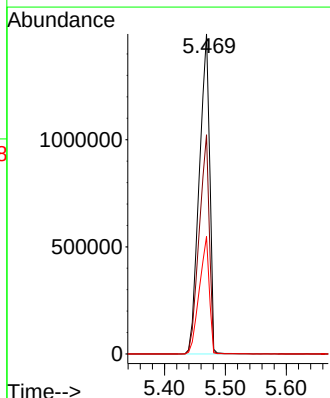
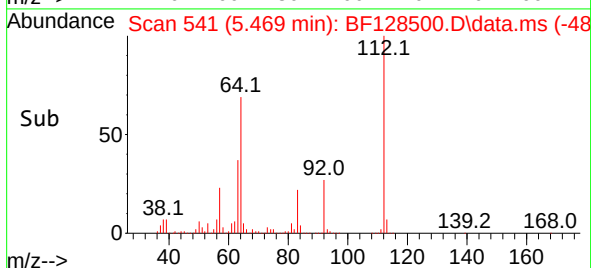
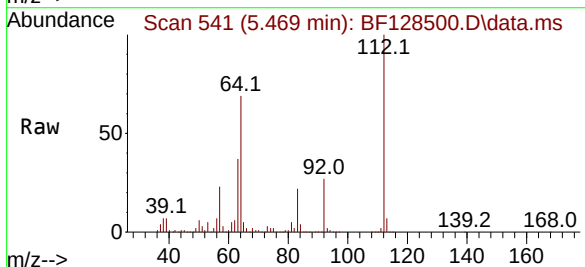


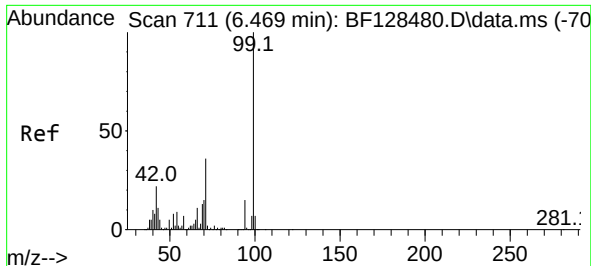
Tgt Ion:152 Resp: 242283
Ion Ratio Lower Upper
152 100
150 151.6 123.7 185.5
115 58.1 49.9 74.9



#5
2-Fluorophenol
Concen: 121.477 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.018 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

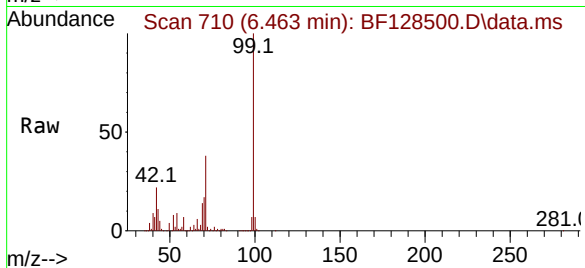
Tgt Ion:112 Resp: 1776852
Ion Ratio Lower Upper
112 100
64 68.5 53.3 79.9
63 36.7 28.0 42.0





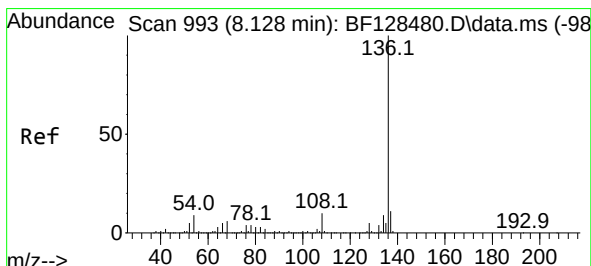
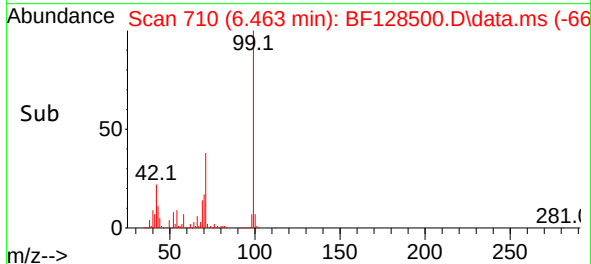
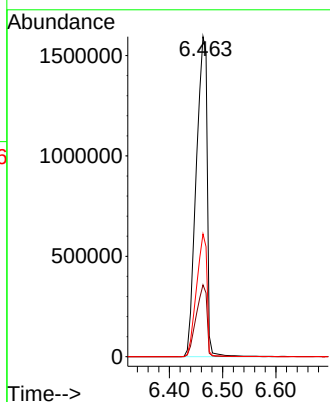
#7
Phenol-d6
Concen: 122.579 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

Instrument :
BNA_F
ClientSampleId :
PB145062BL



Tgt Ion: 99 Resp: 2286095

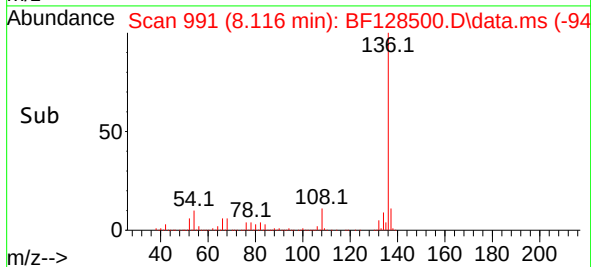
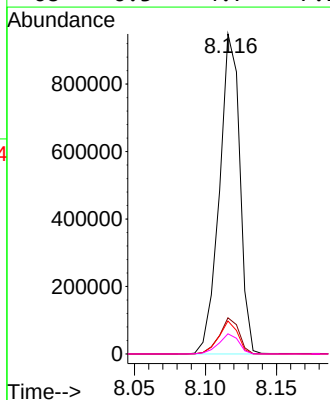
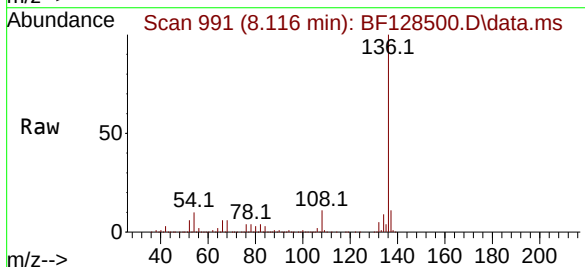
Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.3	25.9
71	38.3	28.9	43.3

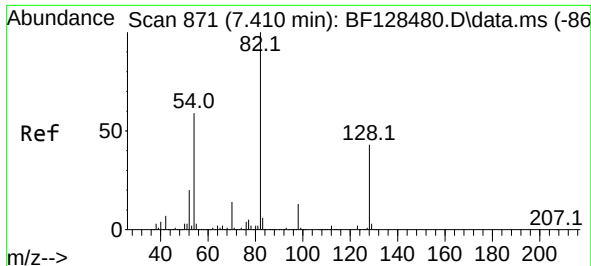


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

Tgt Ion: 136 Resp: 947146

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.3	7.5	11.3
68	6.3	4.7	7.1





#23

Nitrobenzene-d5

Concen: 92.752 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128500.D

Acq: 27 May 2022 10:07

Instrument :

BNA_F

ClientSampleId :

PB145062BL

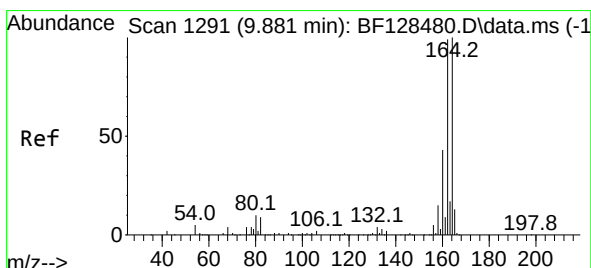
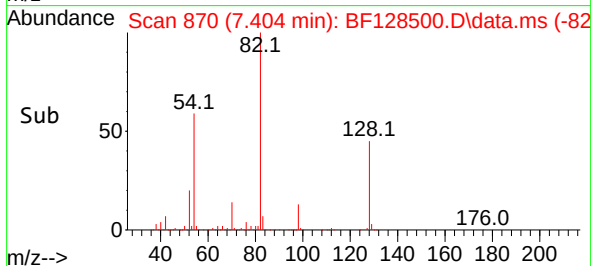
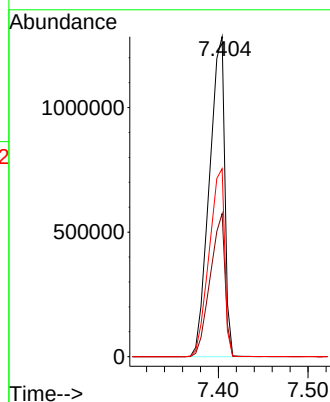
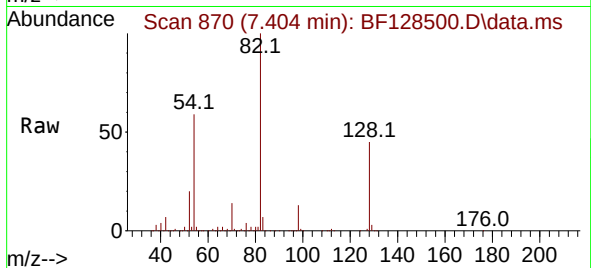
Tgt Ion: 82 Resp: 1522833

Ion Ratio Lower Upper

82 100

128 44.7 34.0 51.0

54 58.7 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF128500.D

Acq: 27 May 2022 10:07

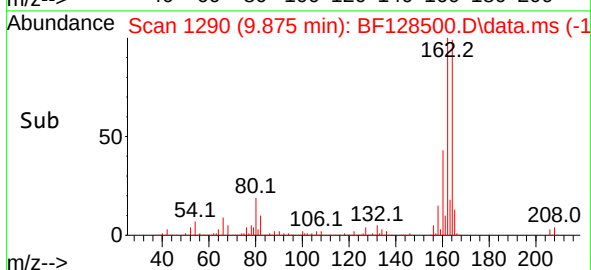
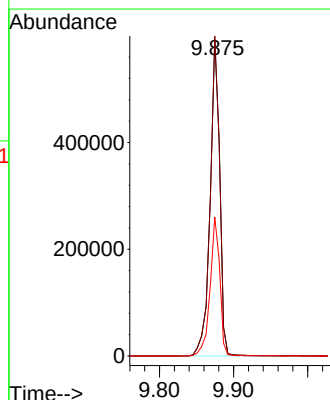
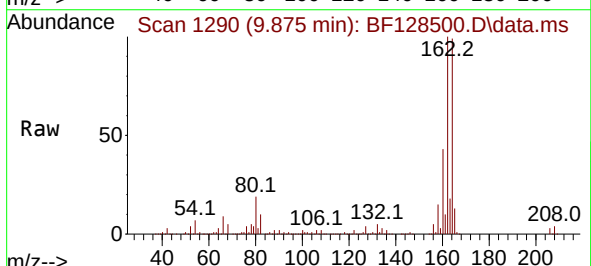
Tgt Ion:164 Resp: 535104

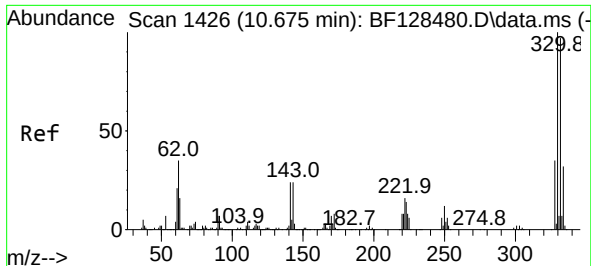
Ion Ratio Lower Upper

164 100

162 101.1 79.5 119.3

160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 123.995 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF128500.D

Acq: 27 May 2022 10:07

Instrument :

BNA_F

ClientSampleId :

PB145062BL

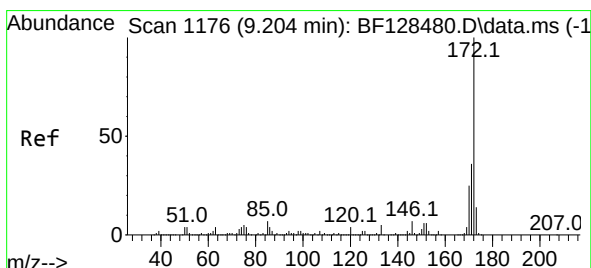
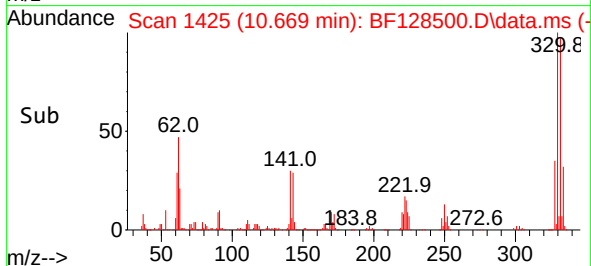
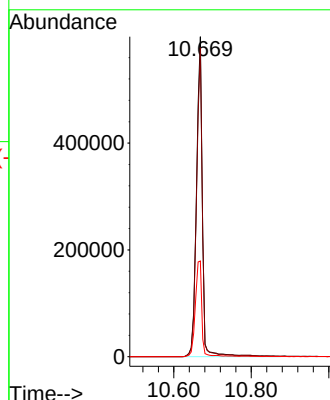
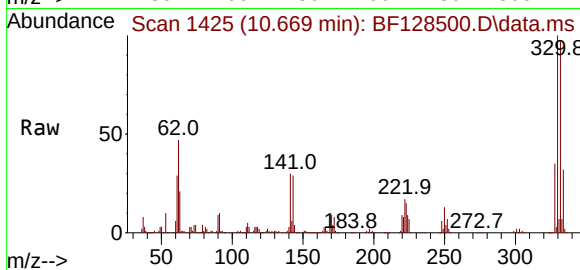
Tgt Ion:330 Resp: 631540

Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

141 33.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.545 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128500.D

Acq: 27 May 2022 10:07

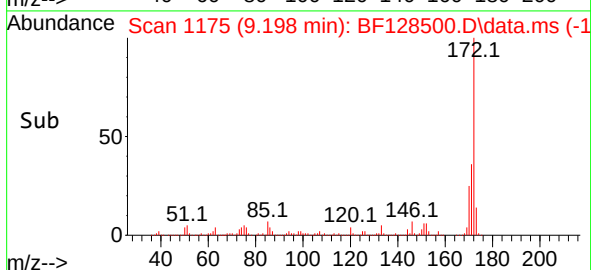
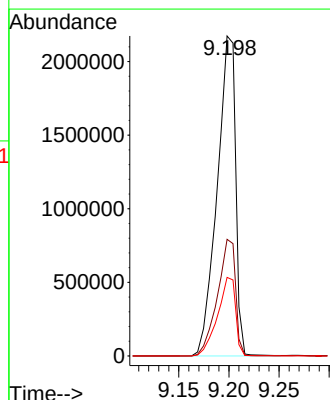
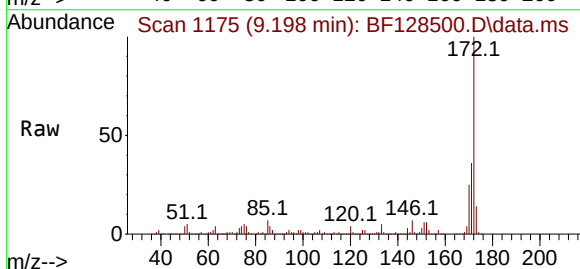
Tgt Ion:172 Resp: 2784637

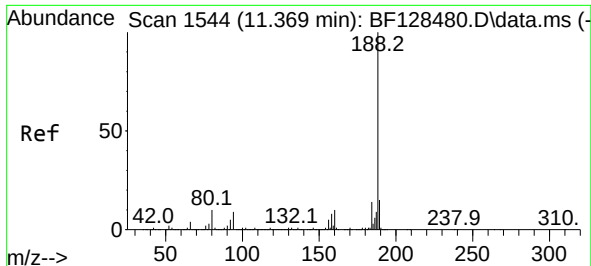
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.6 19.8 29.8

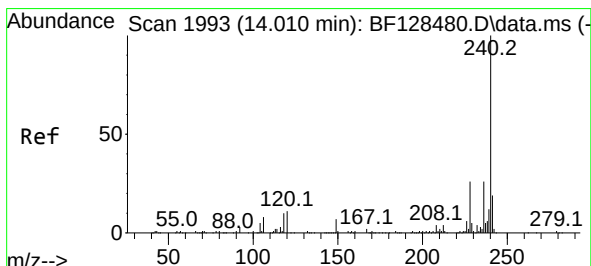
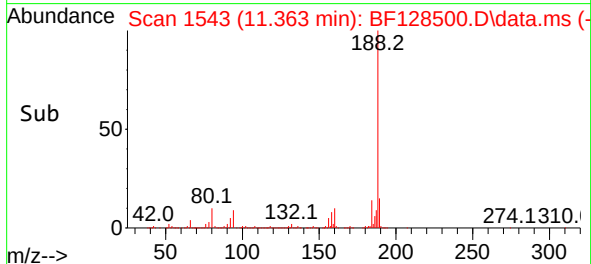
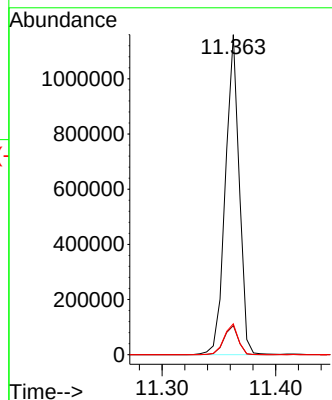
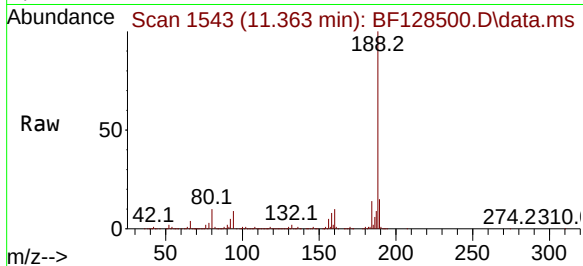




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

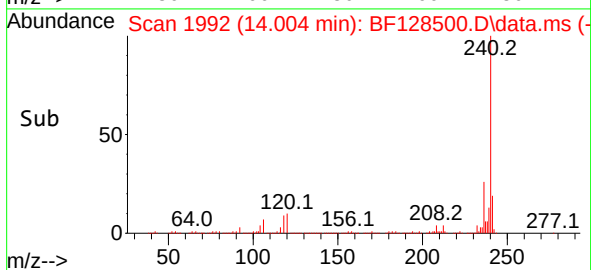
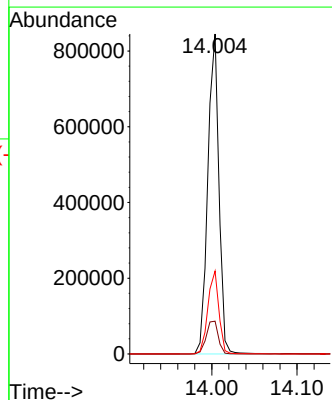
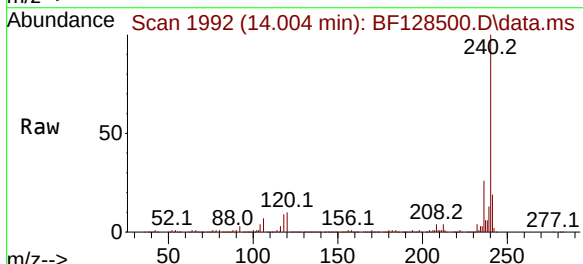
Instrument :
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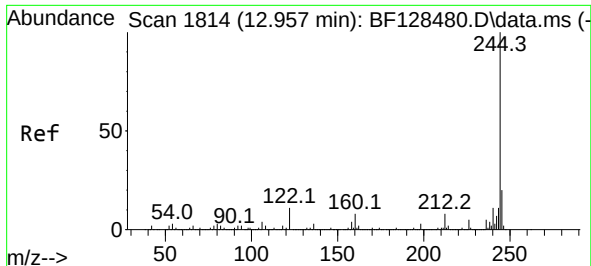
Tgt Ion:188 Resp: 983913
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128500.D
Acq: 27 May 2022 10:07

Tgt Ion:240 Resp: 763445
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.9 20.8 31.2

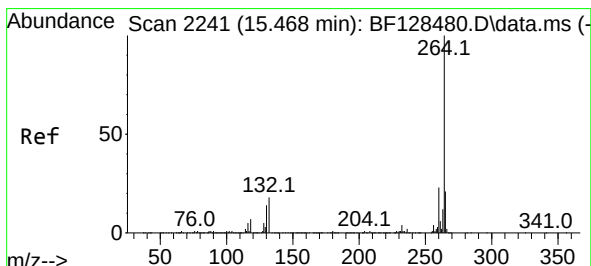
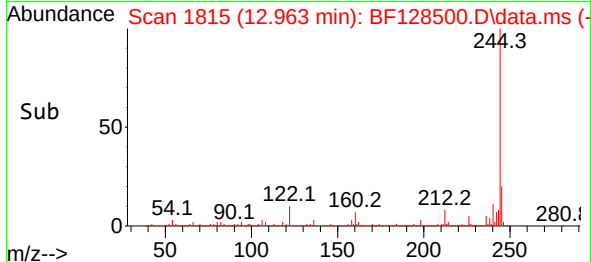
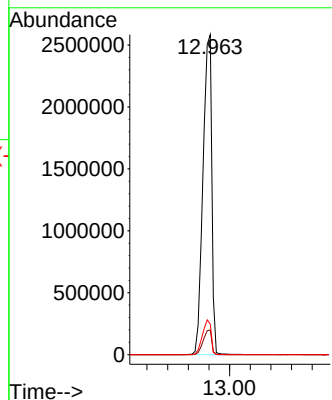
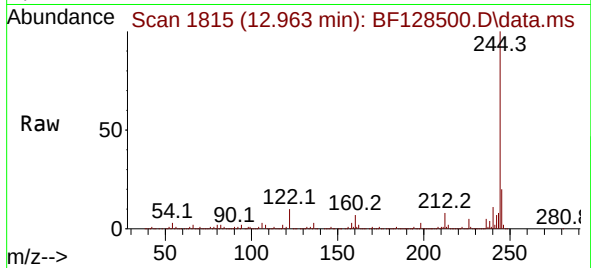




#79
 Terphenyl-d14
 Concen: 77.329 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: BF128500.D
 Acq: 27 May 2022 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB145062BL

Tgt Ion:244 Resp: 3055792
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 9.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF128500.D
 Acq: 27 May 2022 10:07

Tgt Ion:264 Resp: 616250
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.1 17.2 25.8

