

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128550.D
 Acq On : 28 May 2022 16:06
 Operator : CG\JU
 Sample : N2933-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS001-1824-01

Quant Time: May 28 22:42:53 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	171308	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	671820	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	374729	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	687938	20.000	ng	0.00
76) Chrysene-d12	13.998	240	446774	20.000	ng	-0.01
86) Perylene-d12	15.468	264	361443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	821345	79.417	ng	0.00
7) Phenol-d6	6.457	99	1076044	81.602	ng	-0.01
23) Nitrobenzene-d5	7.398	82	716449	61.520	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	294065	82.445	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1332875	57.787	ng	0.00
79) Terphenyl-d14	12.951	244	1388499	60.042	ng	0.00

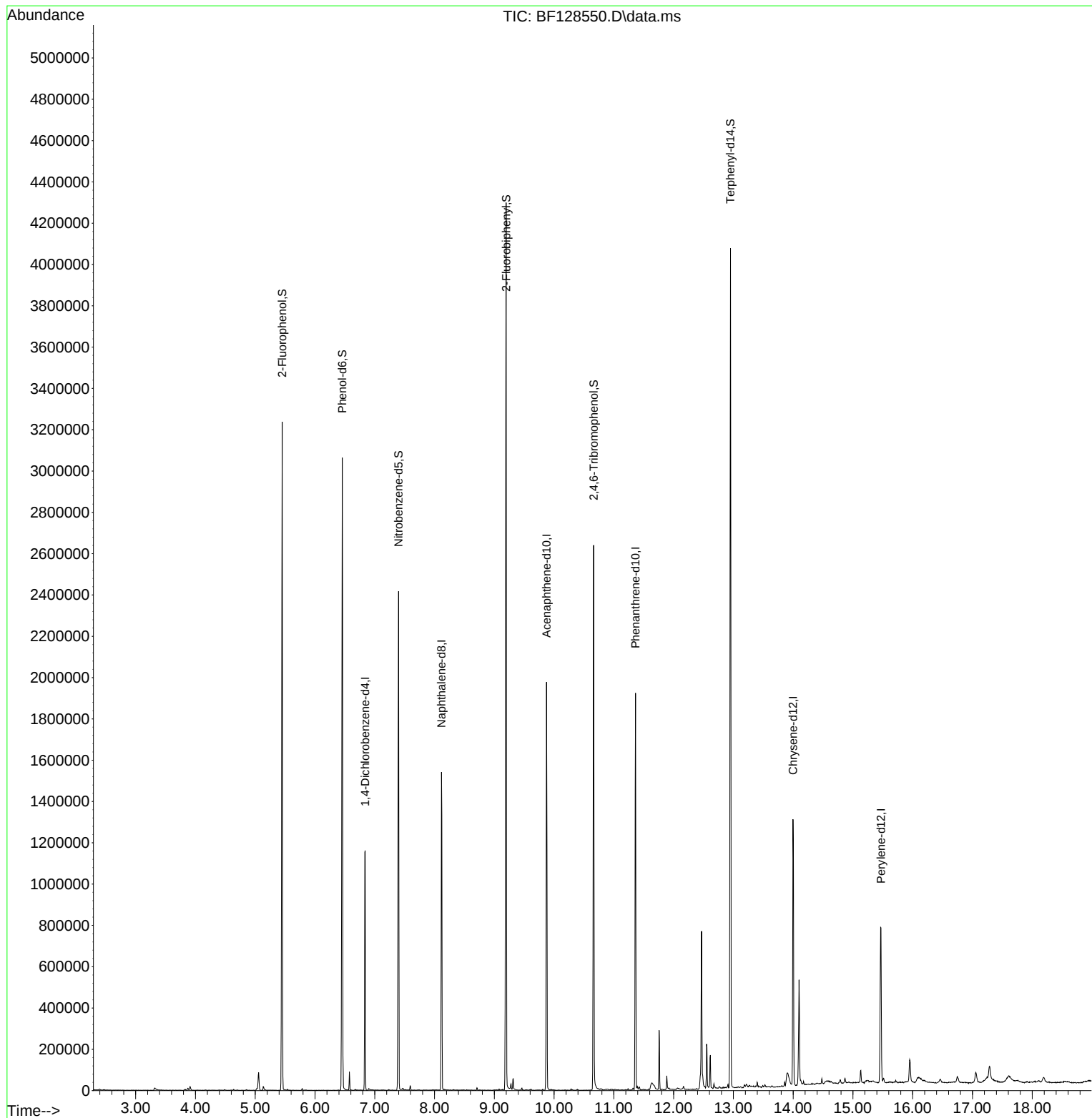
Target Compounds	Qvalue

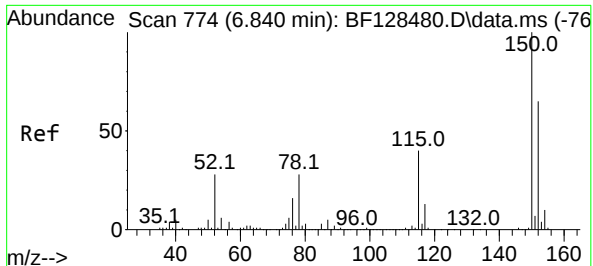
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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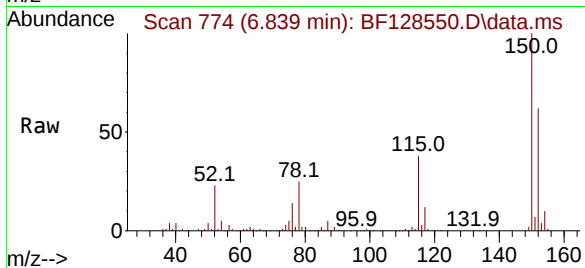
Quant Time: May 28 22:42:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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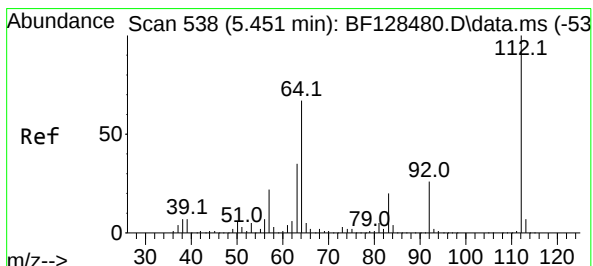
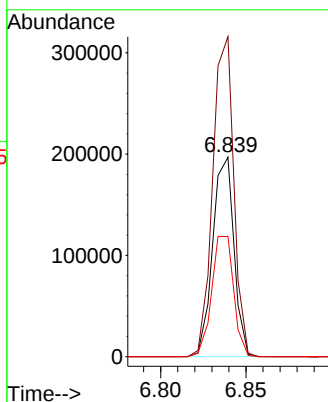
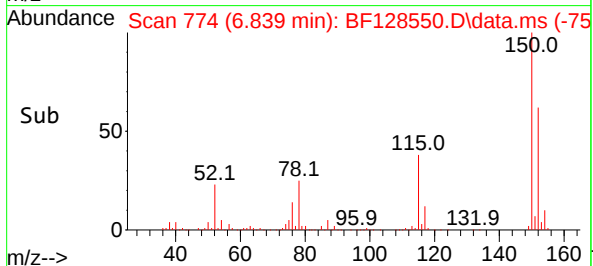


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

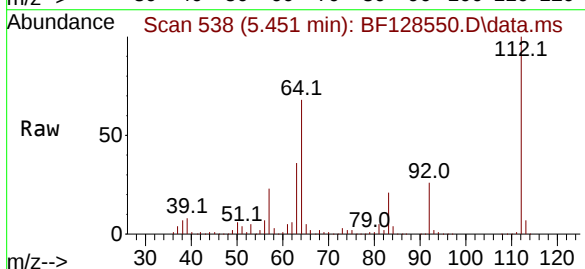
Instrument :
BNA_F
ClientSampleId :
P023-SS001-1824-01



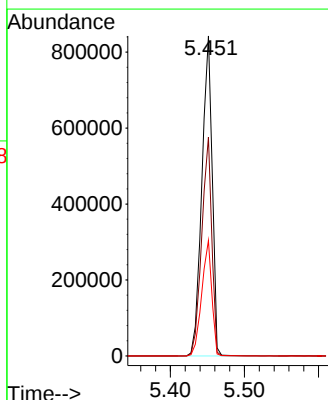
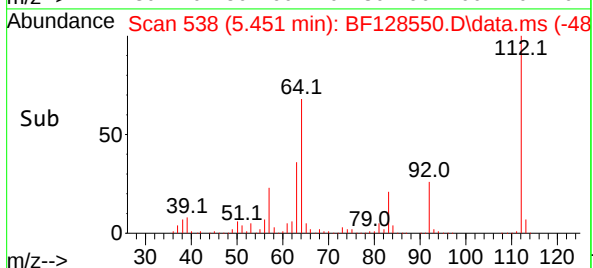
Tgt Ion:152 Resp: 171308
Ion Ratio Lower Upper
152 100
150 160.5 123.7 185.5
115 60.2 49.9 74.9

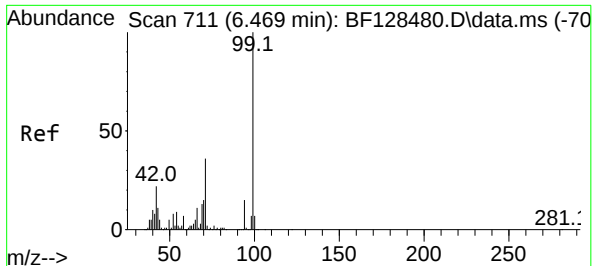


#5
2-Fluorophenol
Concen: 79.417 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06



Tgt Ion:112 Resp: 821345
Ion Ratio Lower Upper
112 100
64 68.4 53.3 79.9
63 36.1 28.0 42.0

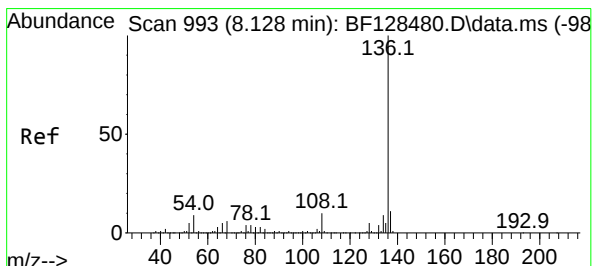
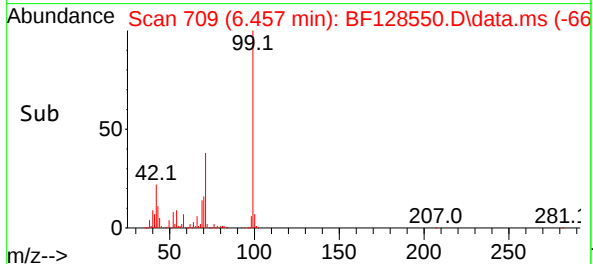
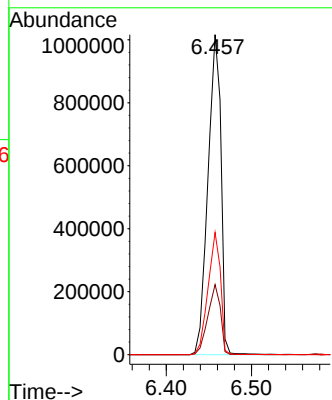
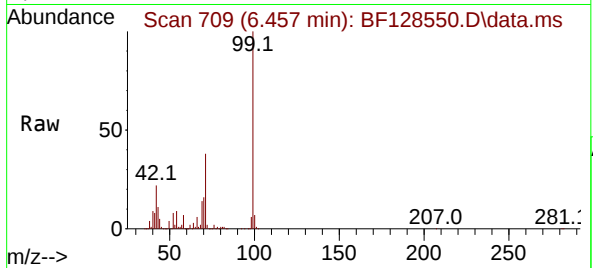




#7
Phenol-d6
Concen: 81.602 ng
RT: 6.457 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

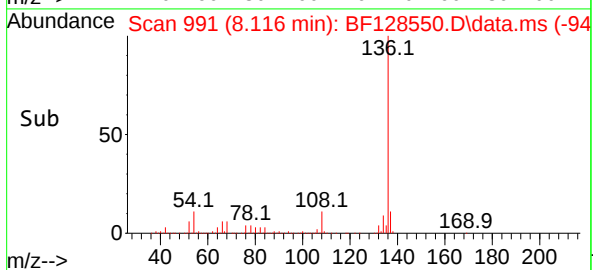
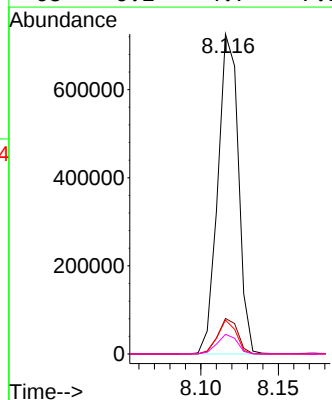
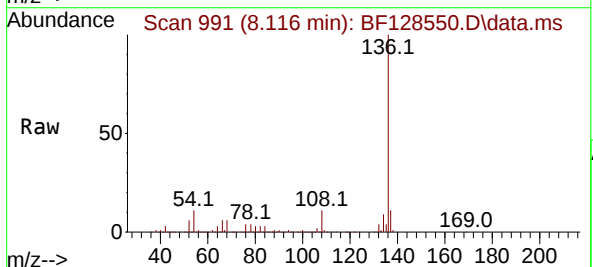
Instrument :
BNA_F
ClientSampleId :
P023-SS001-1824-01

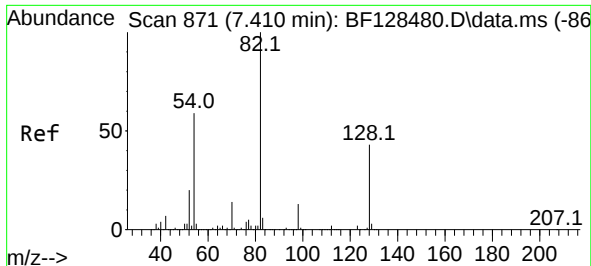
Tgt Ion: 99 Resp: 1076044
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 38.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

Tgt Ion: 136 Resp: 671820
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.6 7.5 11.3
68 6.2 4.7 7.1





#23

Nitrobenzene-d5

Concen: 61.520 ng

RT: 7.398 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF128550.D

Acq: 28 May 2022 16:06

Instrument :

BNA_F

ClientSampleId :

P023-SS001-1824-01

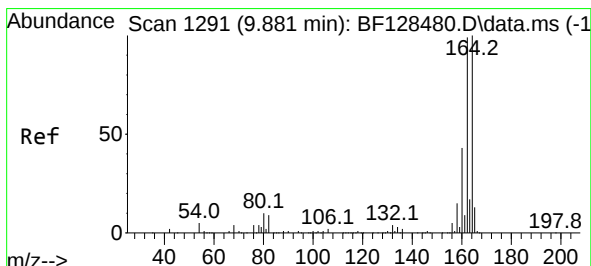
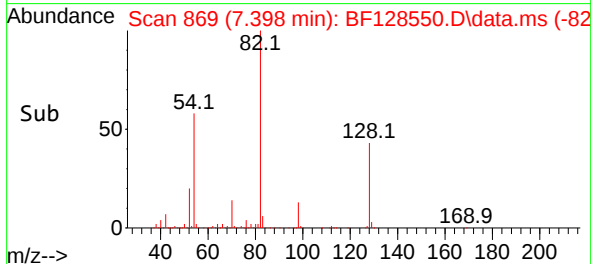
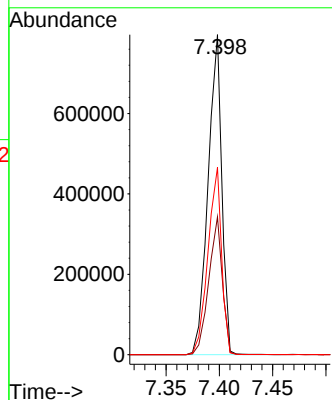
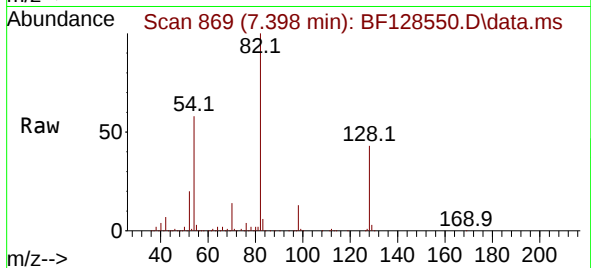
Tgt Ion: 82 Resp: 716449

Ion Ratio Lower Upper

82 100

128 43.1 34.0 51.0

54 58.5 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: BF128550.D

Acq: 28 May 2022 16:06

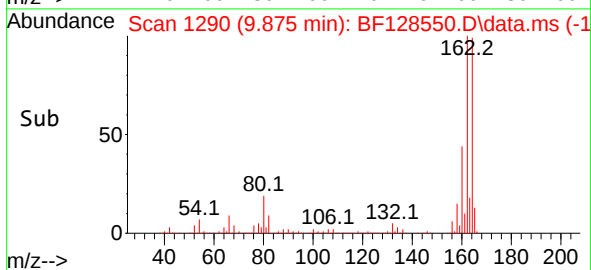
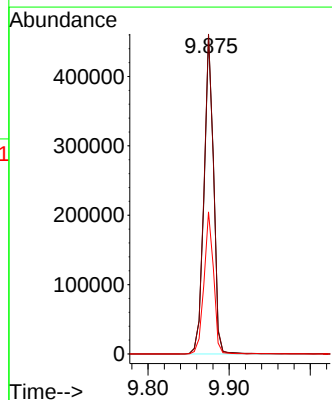
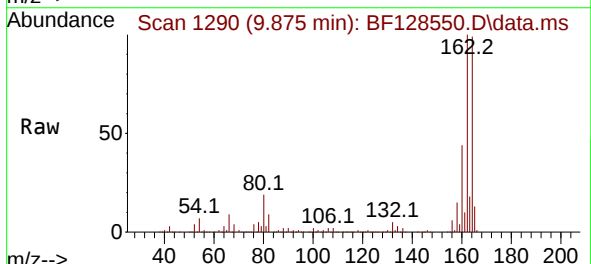
Tgt Ion: 164 Resp: 374729

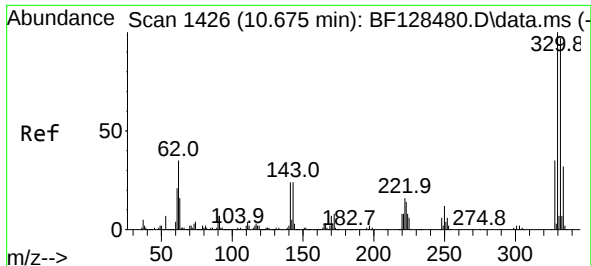
Ion Ratio Lower Upper

164 100

162 100.5 79.5 119.3

160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 82.445 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128550.D

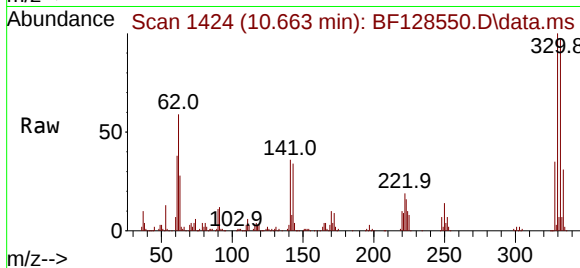
Acq: 28 May 2022 16:06

Instrument :

BNA_F

ClientSampleId :

P023-SS001-1824-01



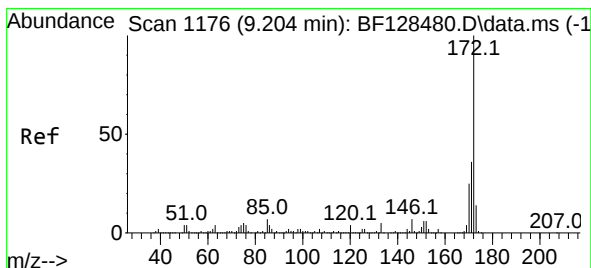
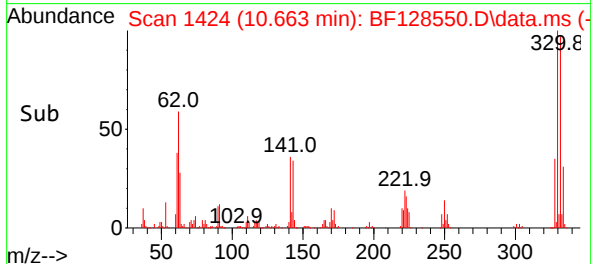
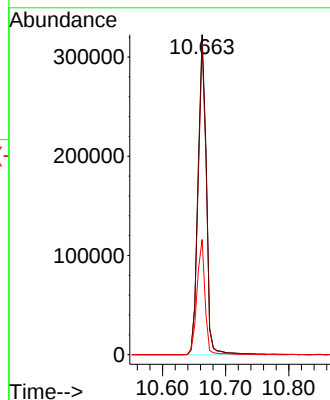
Tgt Ion:330 Resp: 294065

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 57.787 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128550.D

Acq: 28 May 2022 16:06

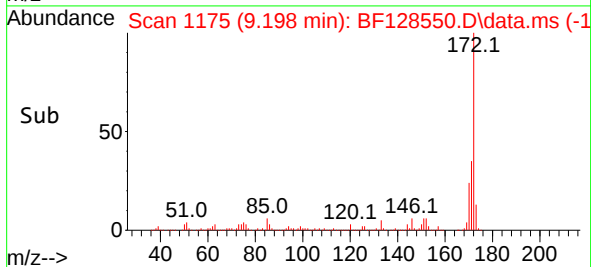
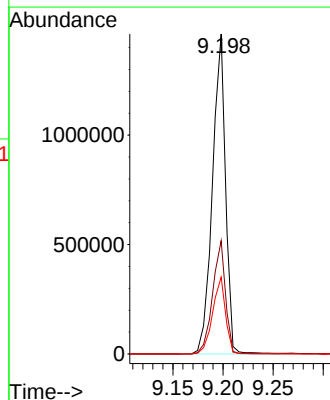
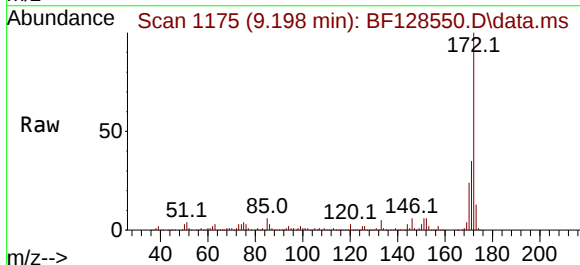
Tgt Ion:172 Resp: 1332875

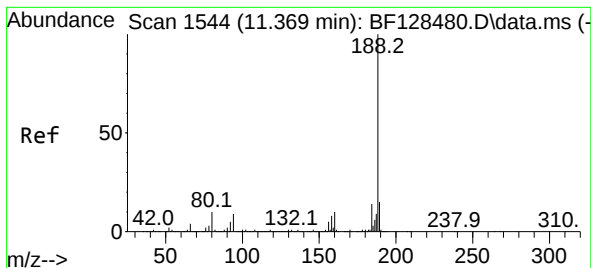
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.0 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: BF128550.D

Acq: 28 May 2022 16:06

Instrument :

BNA_F

ClientSampleId :

P023-SS001-1824-01

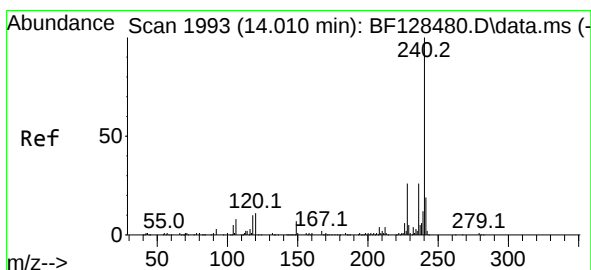
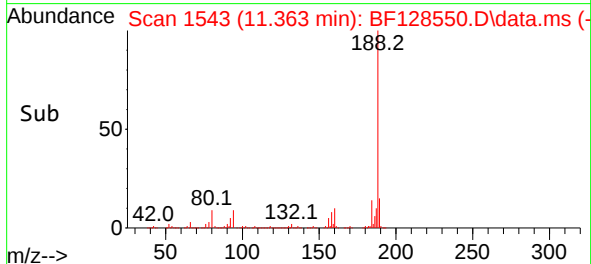
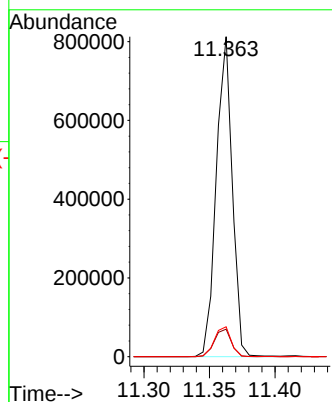
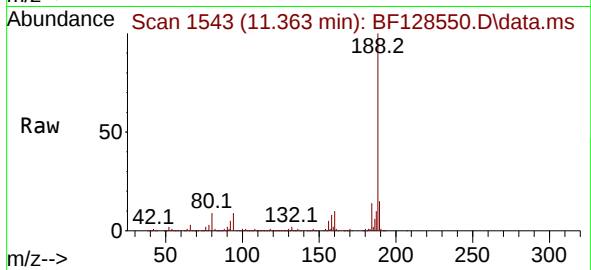
Tgt Ion:188 Resp: 687938

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.4 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 1991

Delta R.T. -0.012 min

Lab File: BF128550.D

Acq: 28 May 2022 16:06

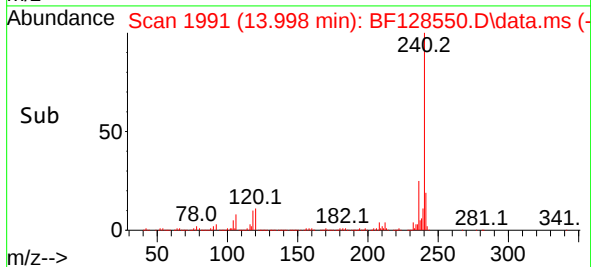
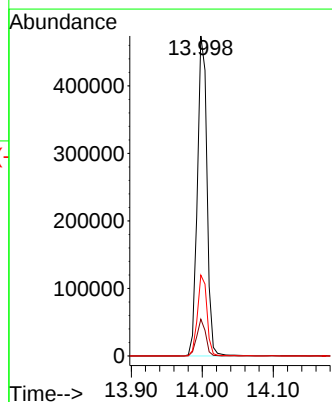
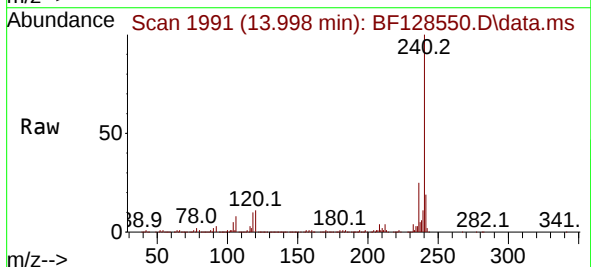
Tgt Ion:240 Resp: 446774

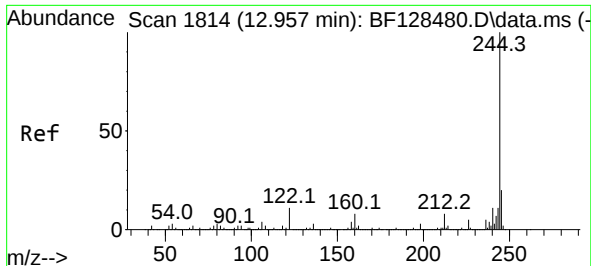
Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

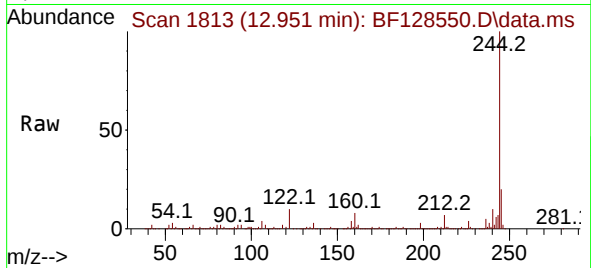
236 25.3 20.8 31.2



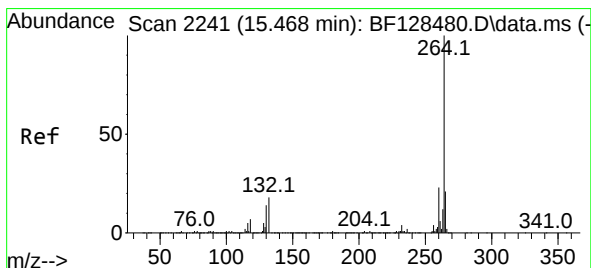
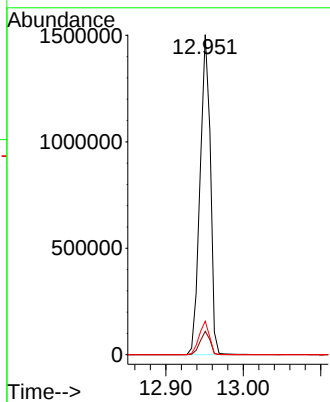
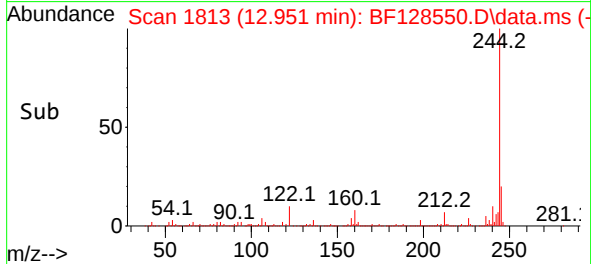


#79
 Terphenyl-d14
 Concen: 60.042 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF128550.D
 Acq: 28 May 2022 16:06

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS001-1824-01



Tgt Ion:244 Resp: 1388499
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.5 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: BF128550.D
 Acq: 28 May 2022 16:06

Tgt Ion:264 Resp: 361443
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.1 17.2 25.8

