

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128247.D
 Acq On : 13 May 2022 19:10
 Operator : CG\JU
 Sample : N2823-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAS-1D

Quant Time: May 14 00:56:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

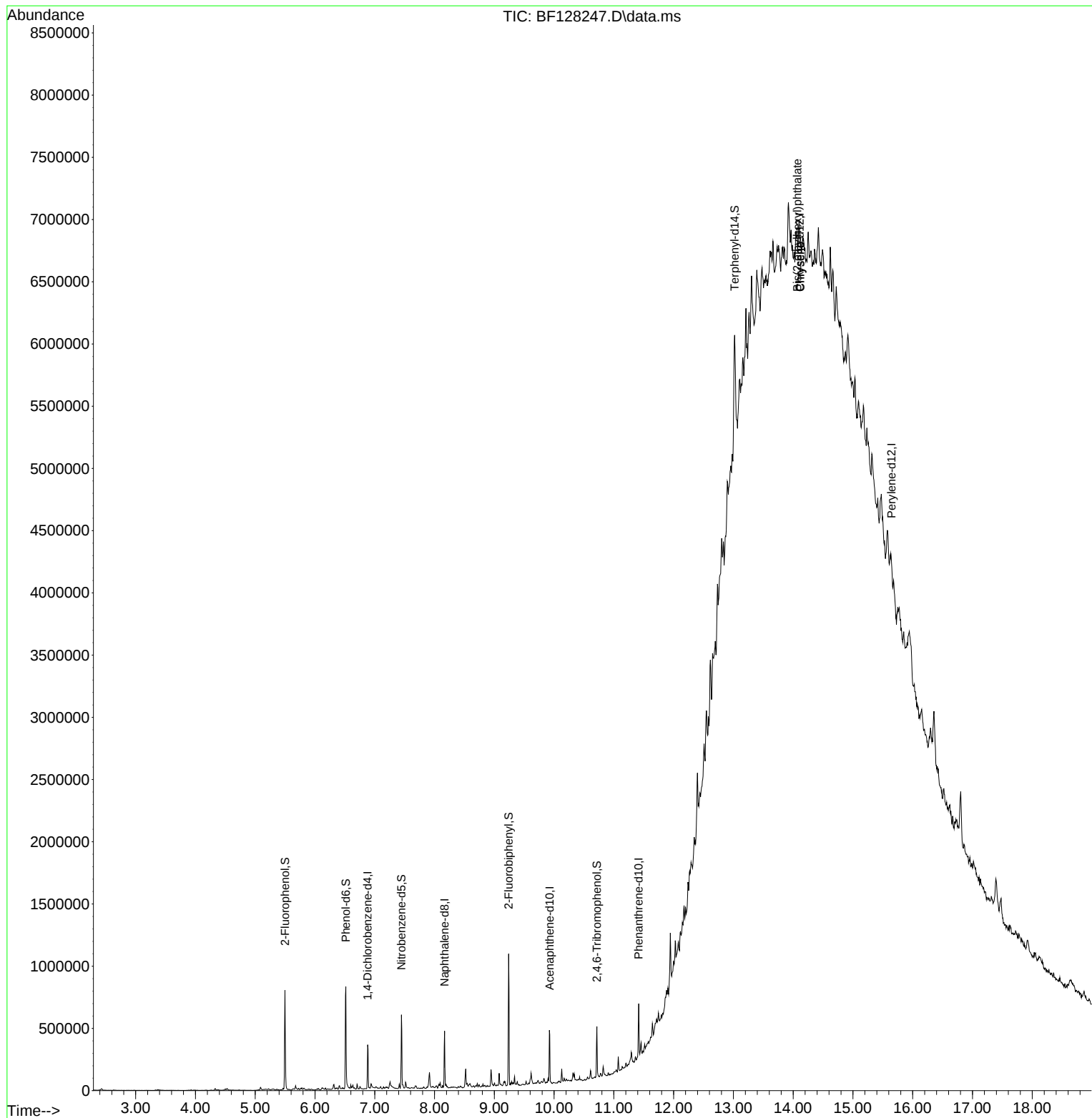
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	45635	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	168362	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	81568	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	139400	20.000	ng	0.00
76) Chrysene-d12	14.110	240	65754	20.000	ng	# 0.04
86) Perylene-d12	15.645	264	47736	20.000	ng	# 0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	189819	66.308	ng	-0.01
7) Phenol-d6	6.516	99	257734	68.069	ng	-0.01
23) Nitrobenzene-d5	7.445	82	177608	47.468	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	43449	46.445	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	279602	53.635	ng	-0.01
79) Terphenyl-d14	13.022	244	229433	65.473	ng	0.01
Target Compounds						
83) Chrysene	14.121	228	24062	6.004	ng	# 43
84) Bis(2-ethylhexyl)phtha...	14.068	149	46147	17.231	ng	# 83

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

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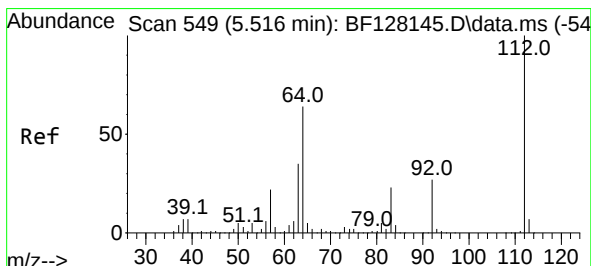
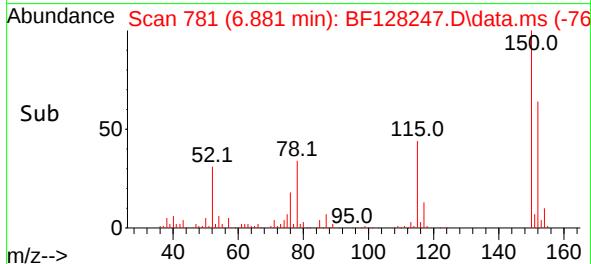
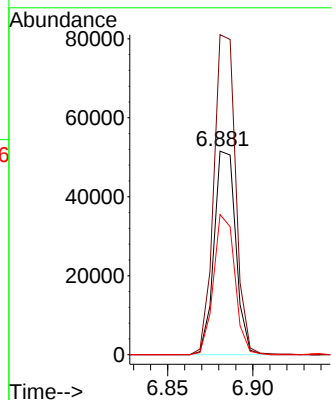
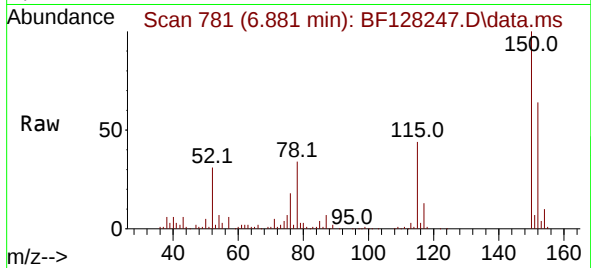




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128247.D
 Acq: 13 May 2022 19:10

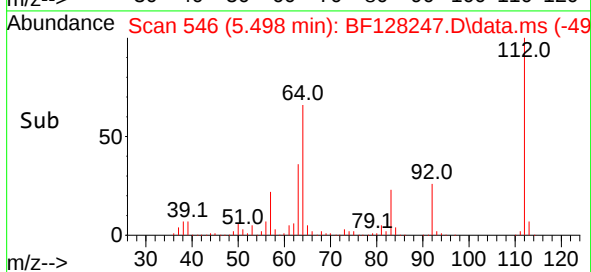
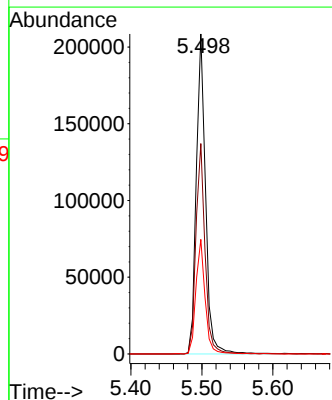
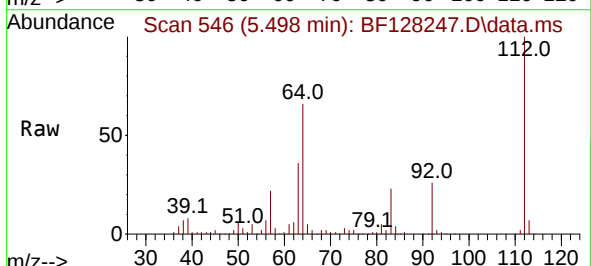
Instrument :
 BNA_F
 ClientSampleId :
 SAS-1D

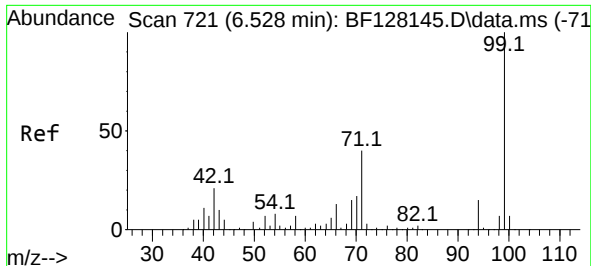
Tgt Ion:152 Resp: 45635
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.3 187.9
 115 68.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 66.308 ng
 RT: 5.498 min Scan# 546
 Delta R.T. -0.012 min
 Lab File: BF128247.D
 Acq: 13 May 2022 19:10

Tgt Ion:112 Resp: 189819
 Ion Ratio Lower Upper
 112 100
 64 65.7 49.5 74.3
 63 35.8 26.3 39.5

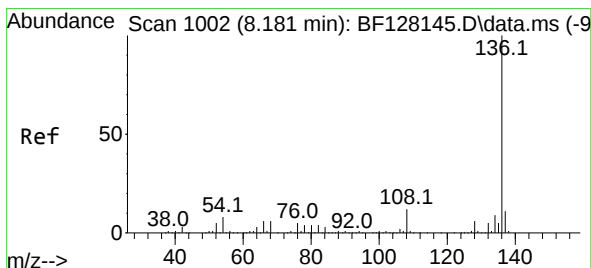
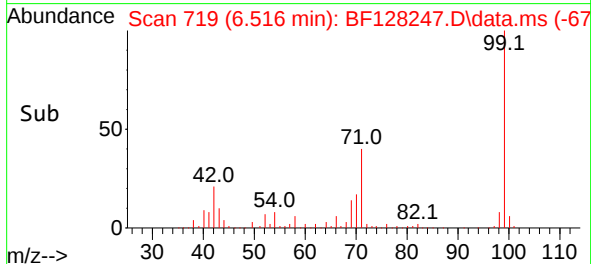
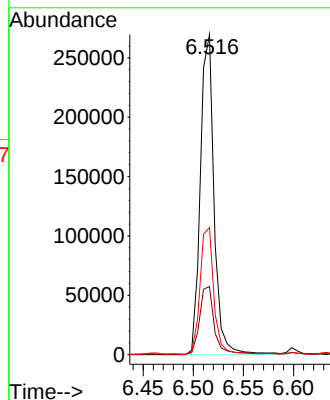
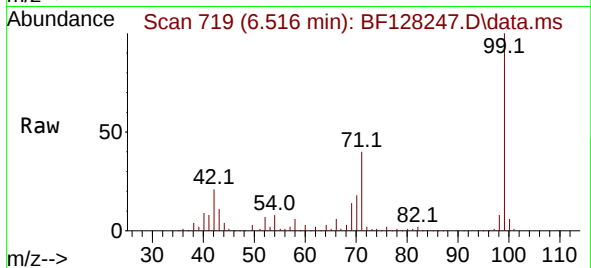




#7
Phenol-d6
Concen: 68.069 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128247.D
Acq: 13 May 2022 19:10

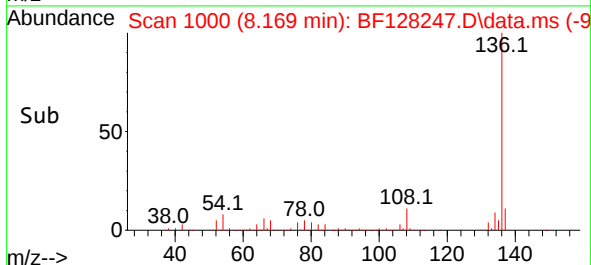
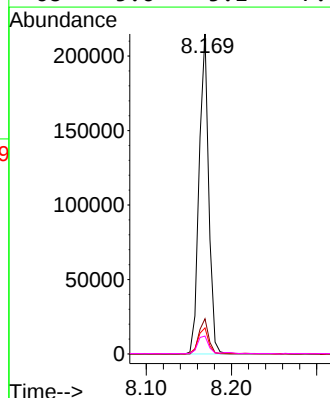
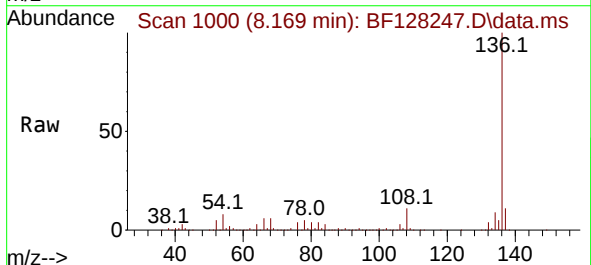
Instrument :
BNA_F
ClientSampleId :
SAS-1D

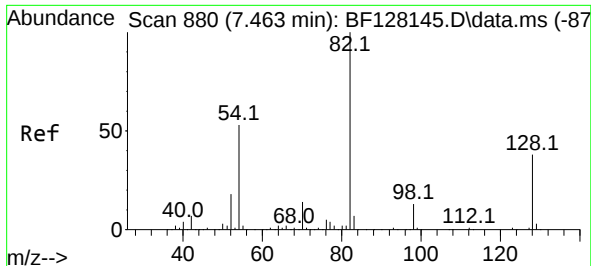
Tgt Ion: 99 Resp: 257734
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 39.8 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128247.D
Acq: 13 May 2022 19:10

Tgt Ion:136 Resp: 168362
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.1 6.8 10.2
68 5.6 5.1 7.7

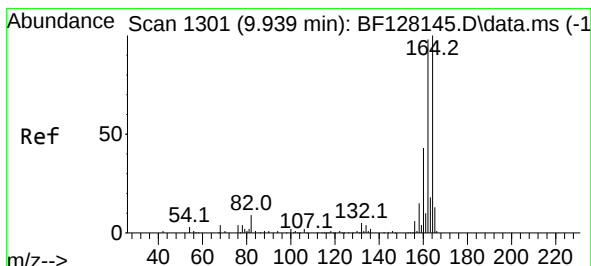
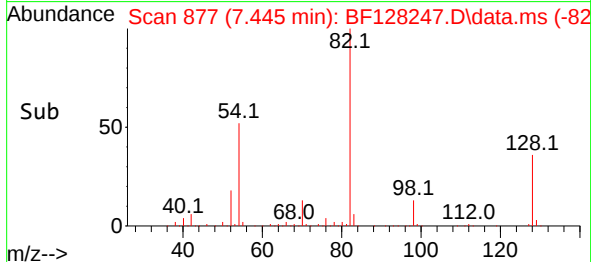
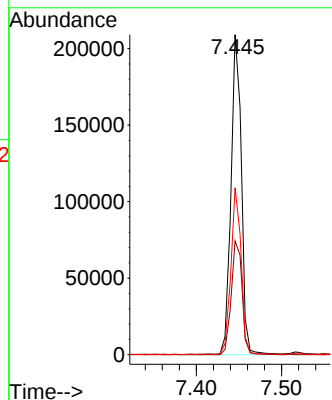
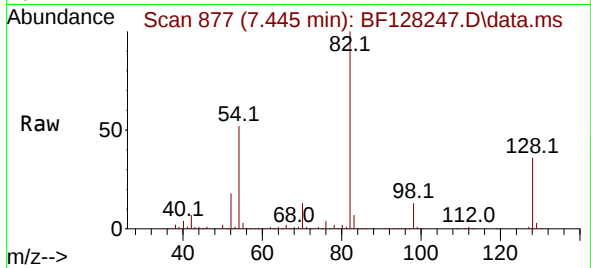




#23
Nitrobenzene-d5
Concen: 47.468 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128247.D
Acq: 13 May 2022 19:10

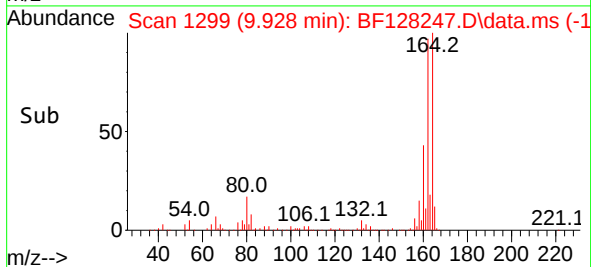
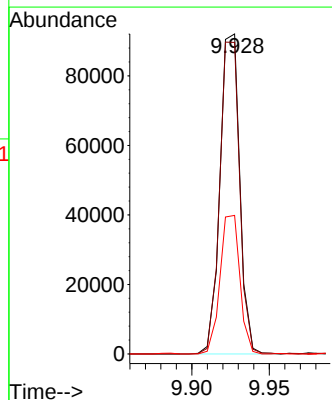
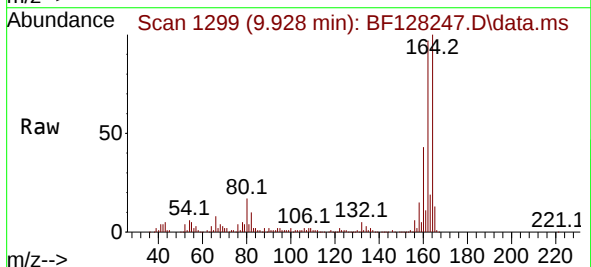
Instrument :
BNA_F
ClientSampleId :
SAS-1D

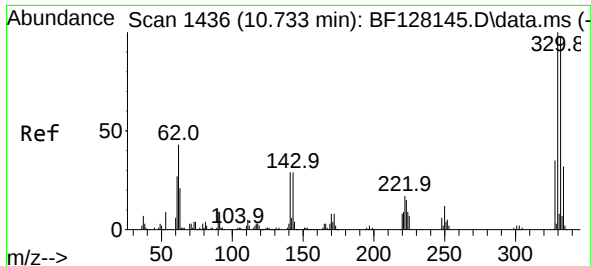
Tgt Ion: 82 Resp: 177608
Ion Ratio Lower Upper
82 100
128 35.6 30.0 45.0
54 52.1 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128247.D
Acq: 13 May 2022 19:10

Tgt Ion:164 Resp: 81568
Ion Ratio Lower Upper
164 100
162 97.4 76.0 114.0
160 43.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 46.445 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128247.D

Acq: 13 May 2022 19:10

Instrument :

BNA_F

ClientSampleId :

SAS-1D

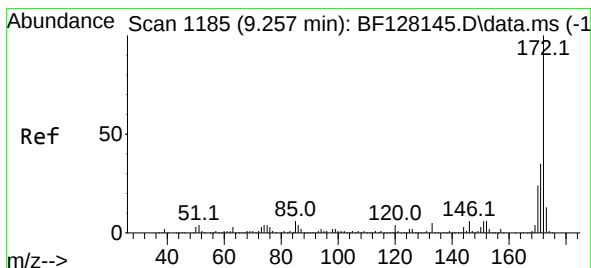
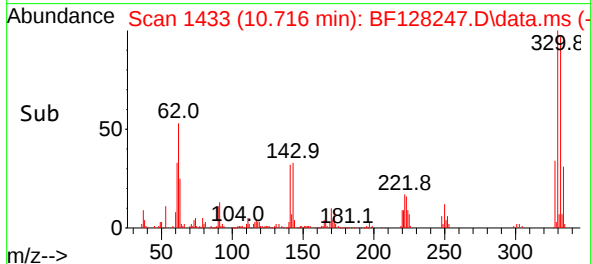
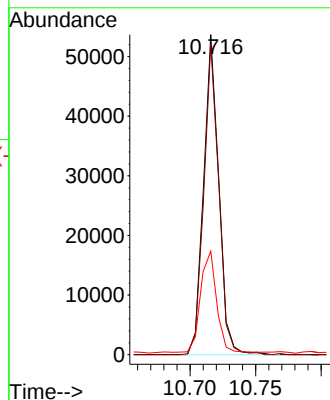
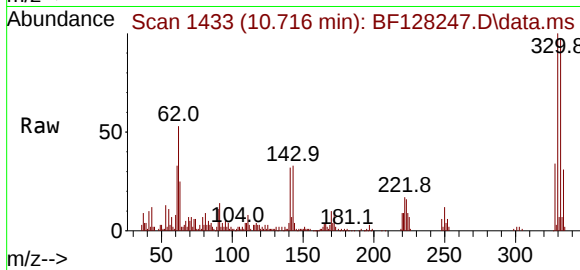
Tgt Ion:330 Resp: 43449

Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

141 34.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 53.635 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.012 min

Lab File: BF128247.D

Acq: 13 May 2022 19:10

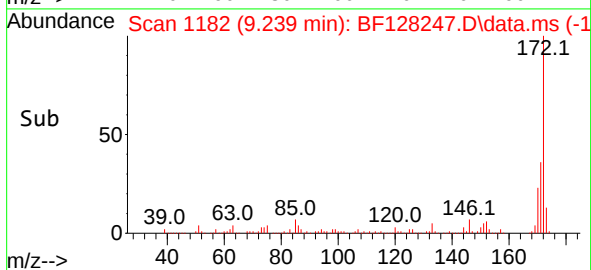
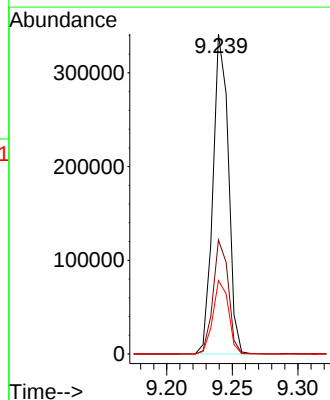
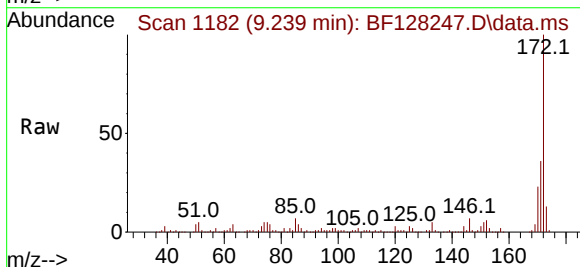
Tgt Ion:172 Resp: 279602

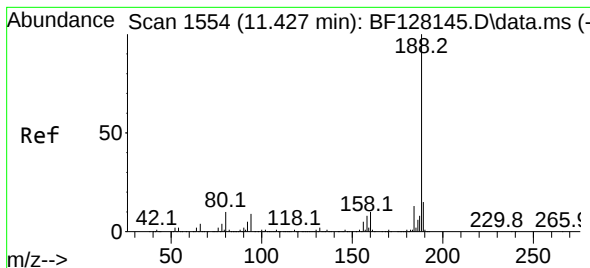
Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.0 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128247.D

Acq: 13 May 2022 19:10

Instrument :

BNA_F

ClientSampleId :

SAS-1D

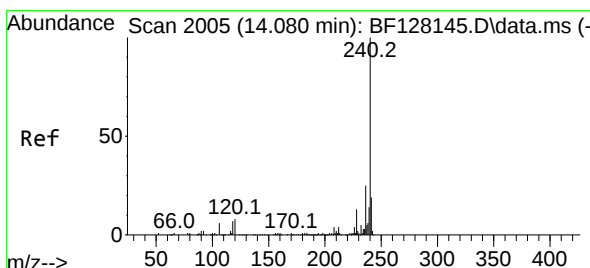
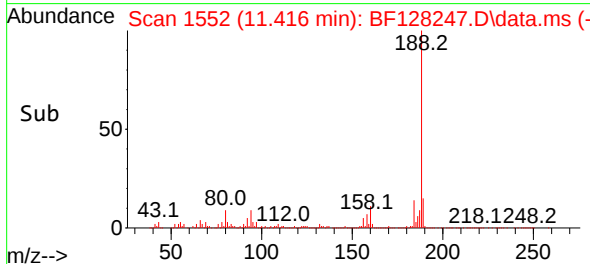
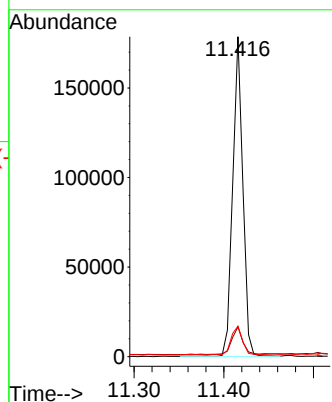
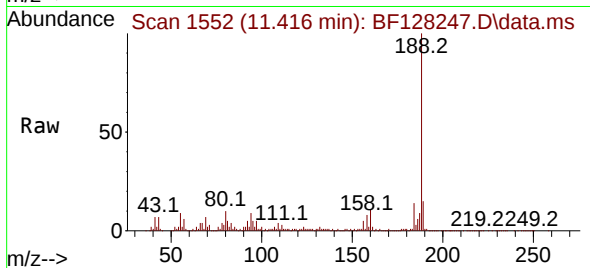
Tgt Ion:188 Resp: 139400

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

80 9.5 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2010

Delta R.T. 0.041 min

Lab File: BF128247.D

Acq: 13 May 2022 19:10

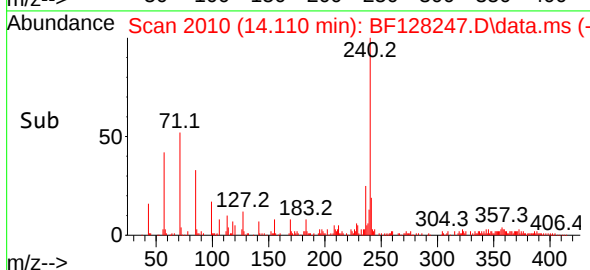
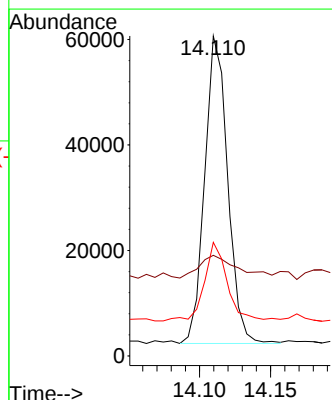
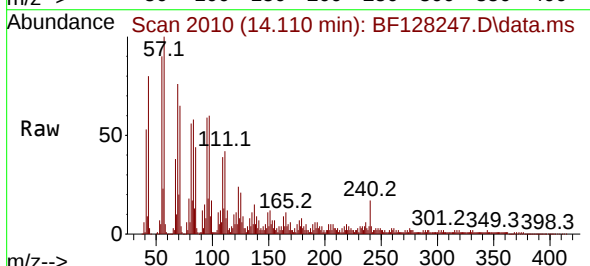
Tgt Ion:240 Resp: 65754

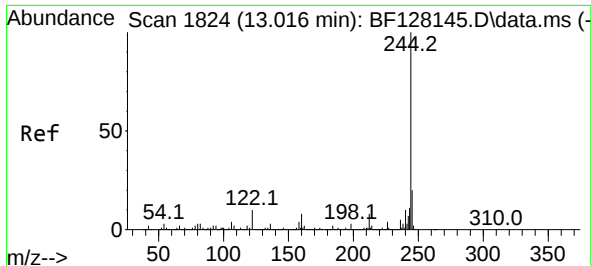
Ion Ratio Lower Upper

240 100

120 31.4 7.0 10.6#

236 35.5 20.3 30.5#

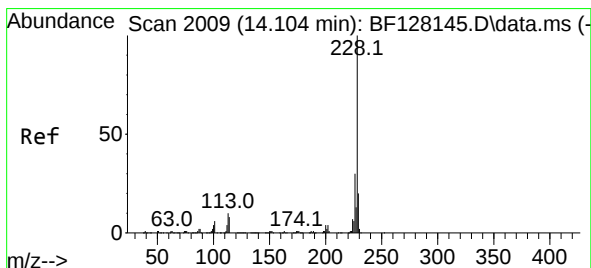
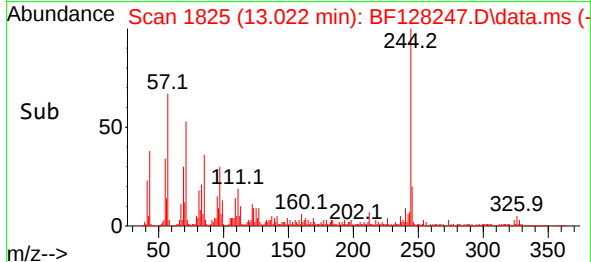
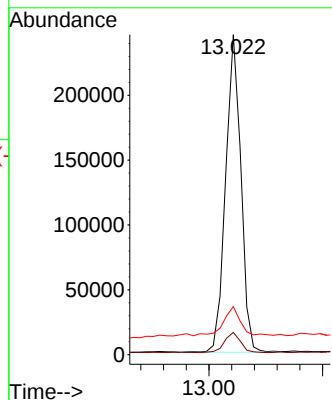
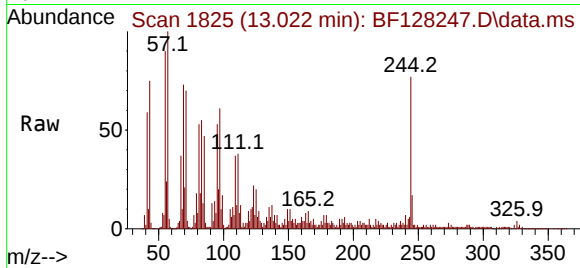




#79
 Terphenyl-d14
 Concen: 65.473 ng
 RT: 13.022 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF128247.D
 Acq: 13 May 2022 19:10

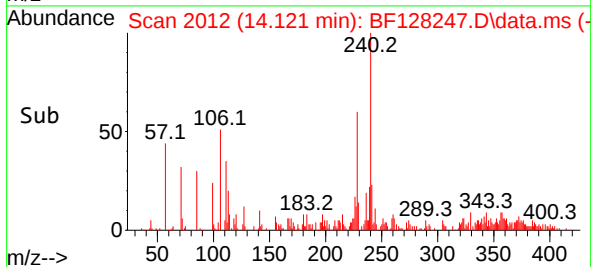
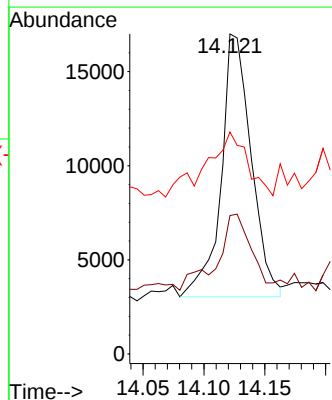
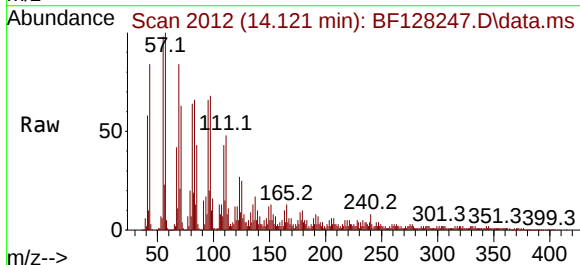
Instrument :
 BNA_F
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 SAS-1D

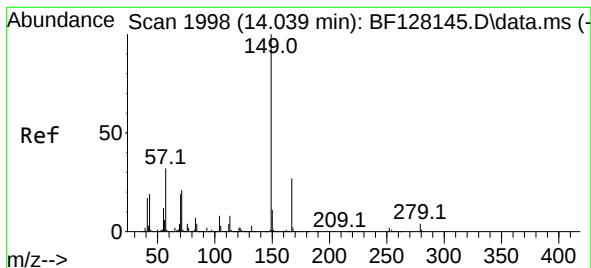
Tgt Ion:244 Resp: 229433
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 15.0 8.6 12.8#



#83
 Chrysene
 Concen: 6.004 ng
 RT: 14.121 min Scan# 2012
 Delta R.T. 0.024 min
 Lab File: BF128247.D
 Acq: 13 May 2022 19:10

Tgt Ion:228 Resp: 24062
 Ion Ratio Lower Upper
 228 100
 226 43.3 24.4 36.6#
 229 69.3 15.8 23.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 17.231 ng

RT: 14.068 min Scan# 20

Delta R.T. 0.041 min

Lab File: BF128247.D

Acq: 13 May 2022 19:10

Instrument :

BNA_F

ClientSampleId :

SAS-1D

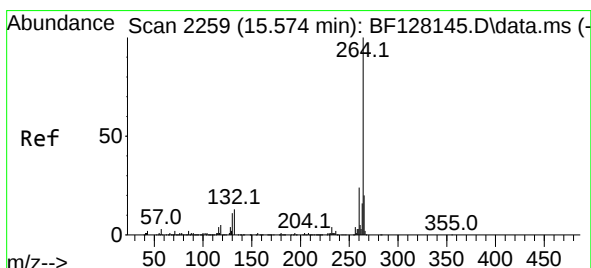
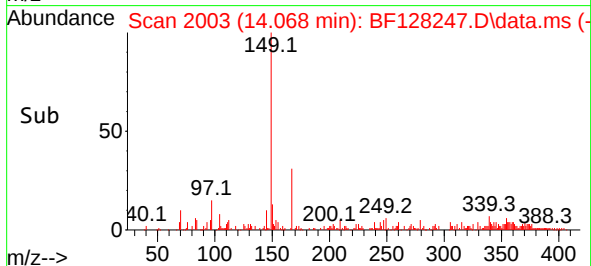
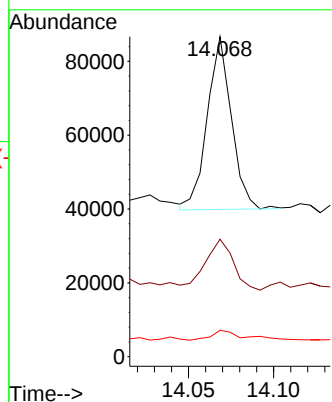
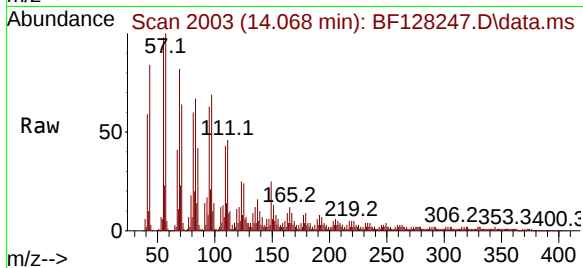
Tgt Ion:149 Resp: 46147

Ion Ratio Lower Upper

149 100

167 36.7 22.0 33.0#

279 8.3 3.4 5.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 2271

Delta R.T. 0.082 min

Lab File: BF128247.D

Acq: 13 May 2022 19:10

Tgt Ion:264 Resp: 47736

Ion Ratio Lower Upper

264 100

260 33.2 20.1 30.1#

265 29.5 17.5 26.3#

