

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

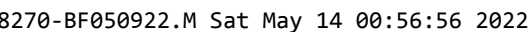
Quant Time: May 14 00:56:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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						
9) Benzaldehyde	6.445	77	1141	Below Cal	#	60
25) Isophorone	7.445	82	175270	29.879	ng	# 68
78) Pyrene	12.880	202	9945	2.086	ng	# 1
80) Butylbenzylphthalate	13.498	149	7789	3.930	ng	# 65
83) Chrysene	14.121	228	24062	6.004	ng	# 43
84) Bis(2-ethylhexyl)phtha...	14.068	149	46147	17.231	ng	# 83
85) Di-n-octyl phthalate	14.686	149	11021	2.576	ng	# 73

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

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

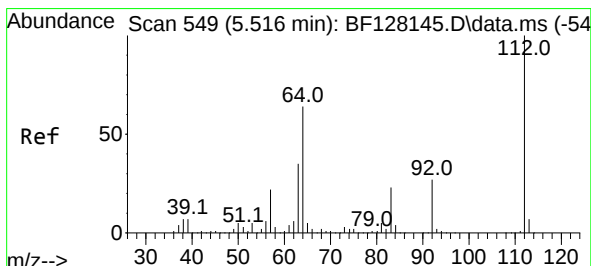
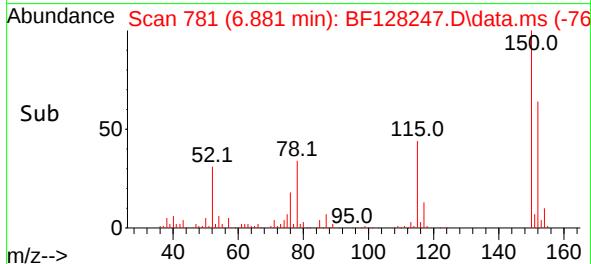
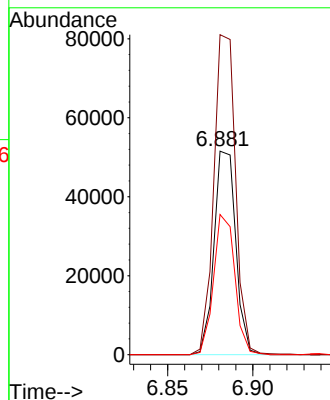
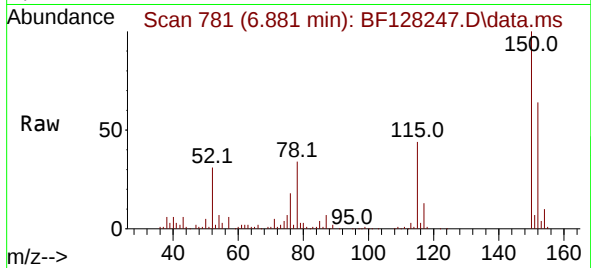




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128247.D
 Acq: 13 May 2022 19:10

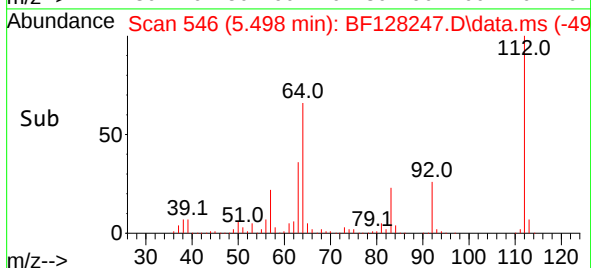
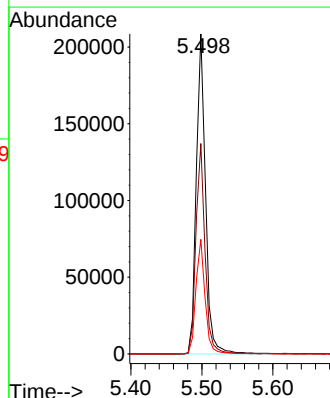
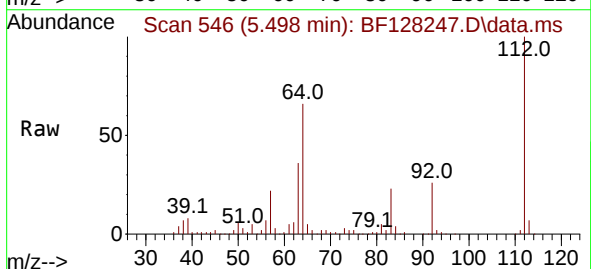
Instrument :
 BNA_F
 ClientSampleId :
 SAS-1D

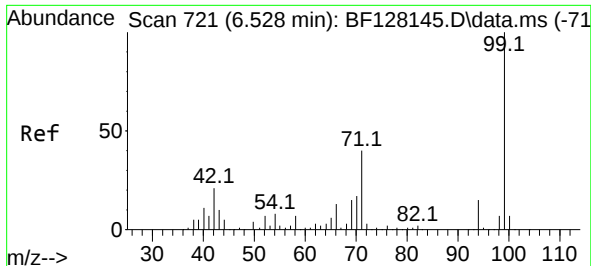
Tgt Ion:152 Resp: 45635
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.3 187.9
 115 68.8 48.8 73.2



#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

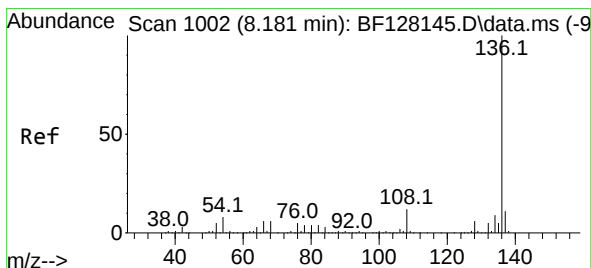
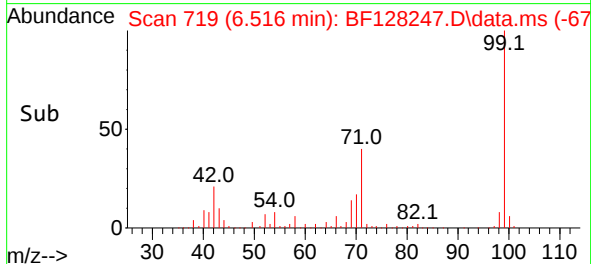
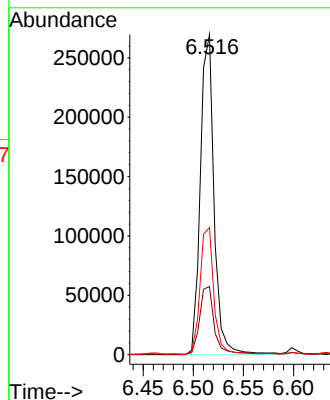
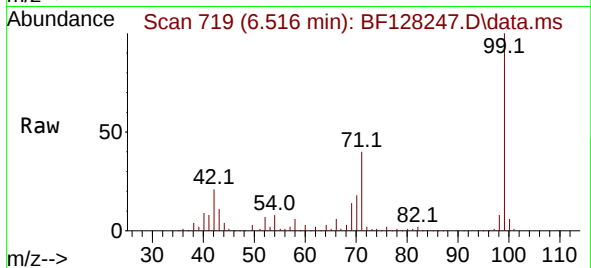




#7
Phenol-d6
Concen: 68.069 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128247.D
Acq: 13 May 2022 19:10

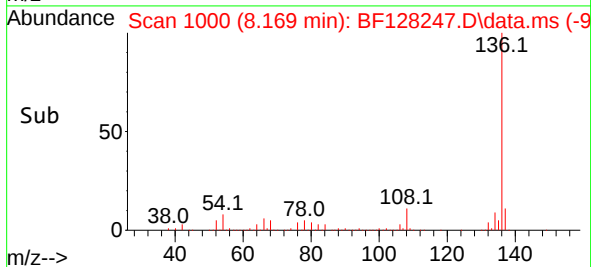
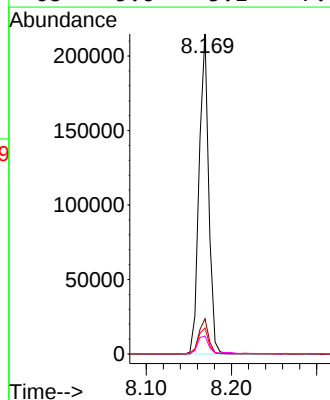
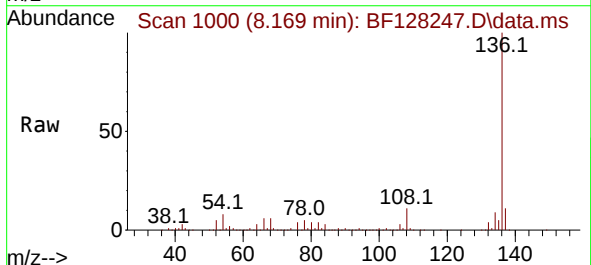
Instrument :
BNA_F
ClientSampleId :
SAS-1D

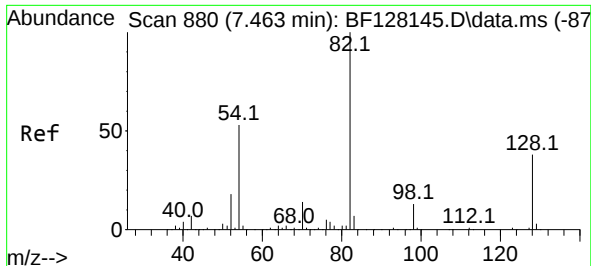
Tgt Ion: 99 Resp: 257734
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 39.8 30.0 45.0



#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

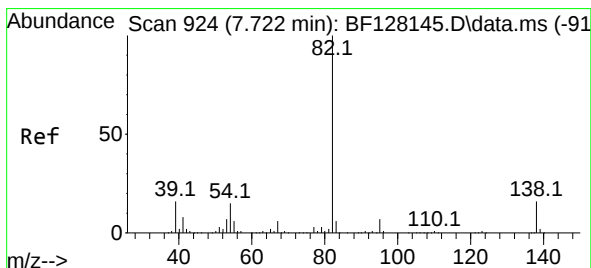
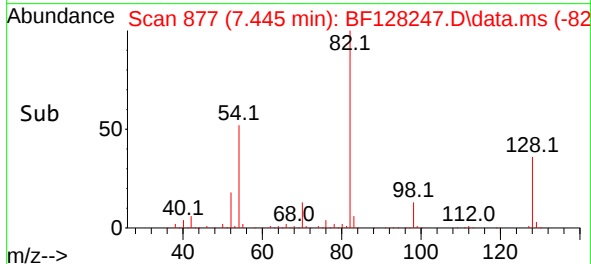
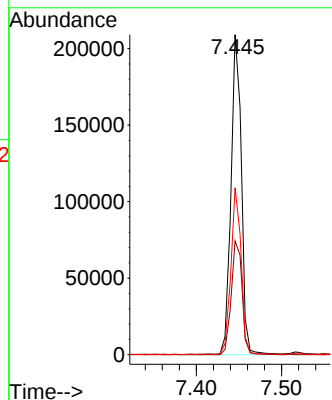
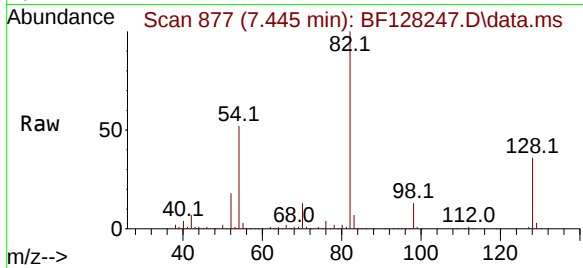




#23
Nitrobenzene-d5
Concen: 47.468 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.018 min
Lab File: BF128247.D
Acq: 13 May 2022 19:10

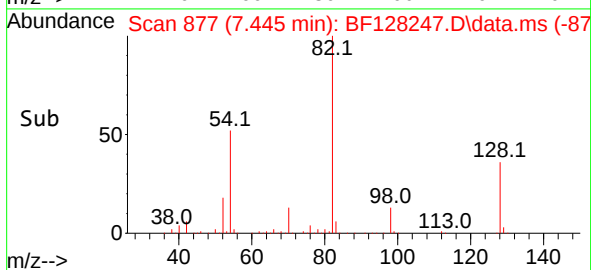
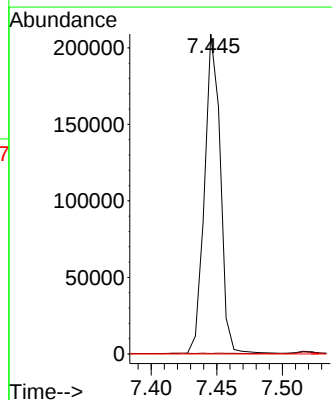
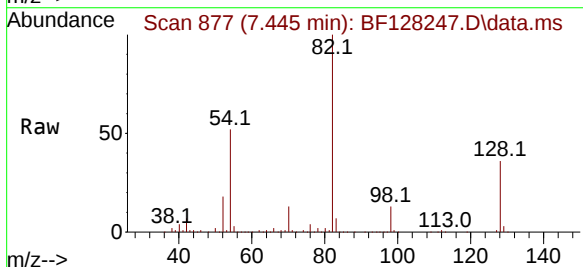
Instrument :
BNA_F
ClientSampleId :
SAS-1D

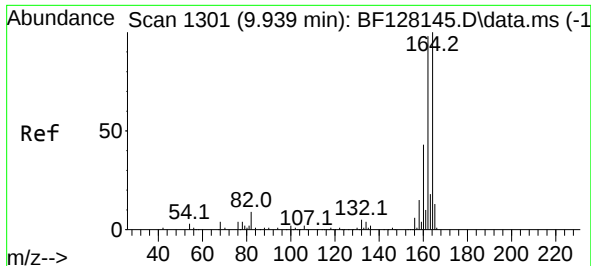
Tgt Ion: 82 Resp: 177608
Ion Ratio Lower Upper
82 100
128 35.6 30.0 45.0
54 52.1 41.3 61.9



#25
Isophorone
Concen: 29.879 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.271 min
Lab File: BF128247.D
Acq: 13 May 2022 19:10

Tgt Ion: 82 Resp: 175270
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 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

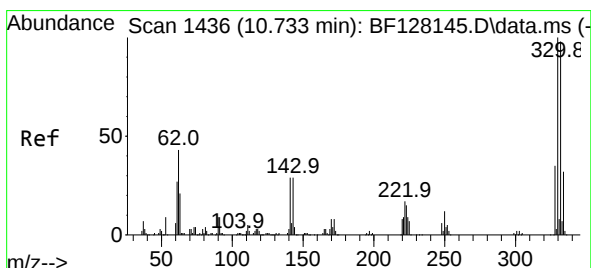
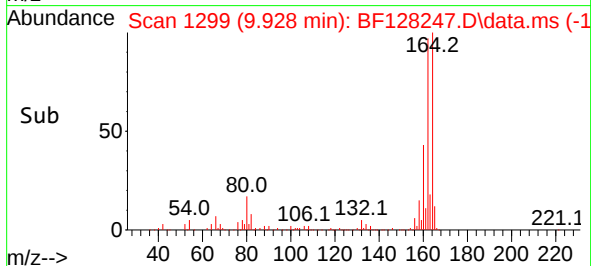
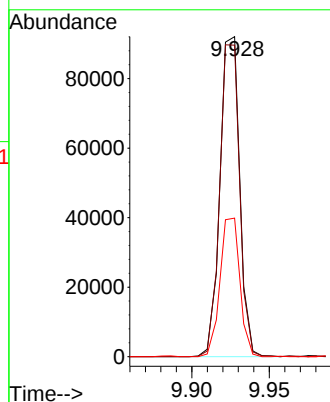
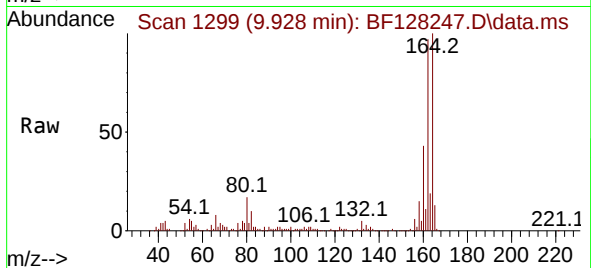
Tgt Ion:164 Resp: 81568

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

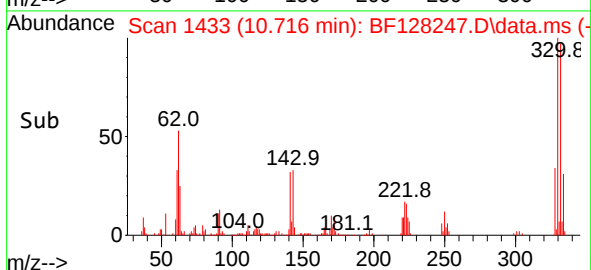
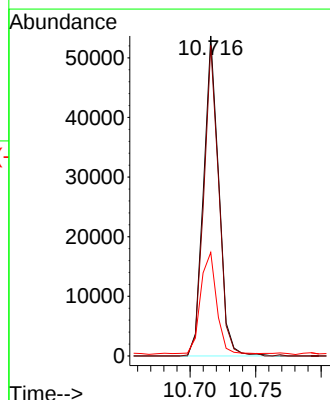
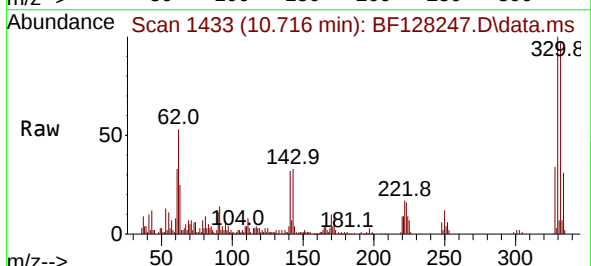
Tgt Ion:330 Resp: 43449

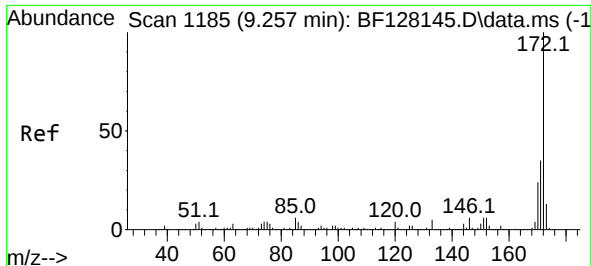
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

SAS-1D

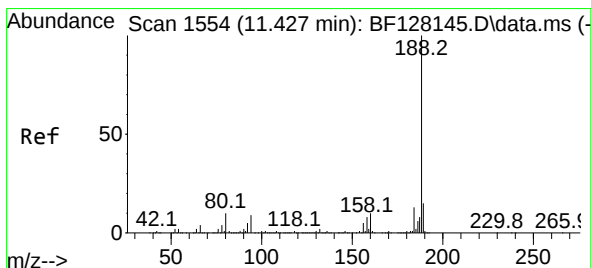
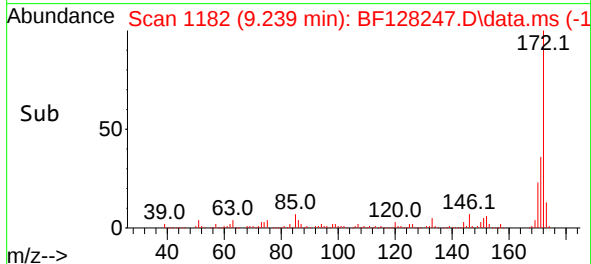
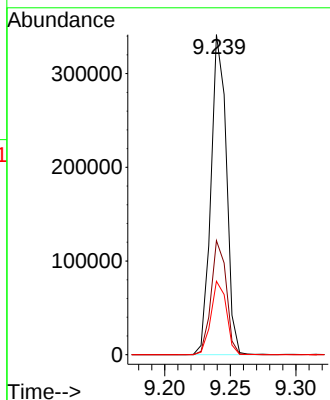
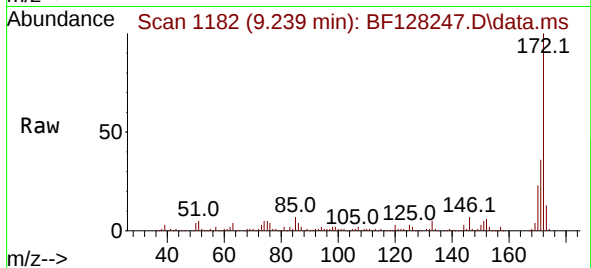
Tgt Ion:172 Resp: 279602

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# 1552

Delta R.T. -0.006 min

Lab File: BF128247.D

Acq: 13 May 2022 19:10

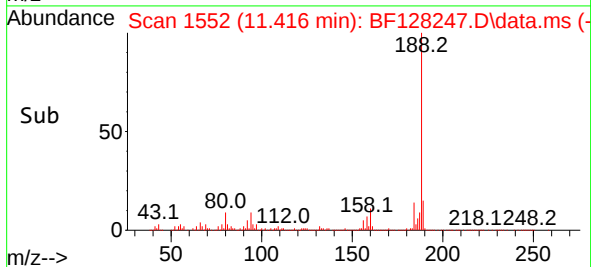
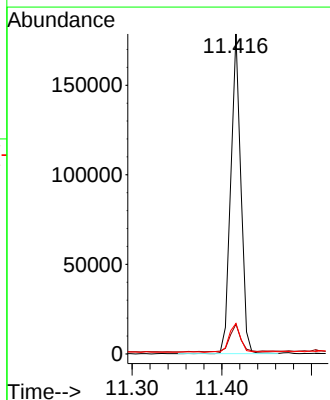
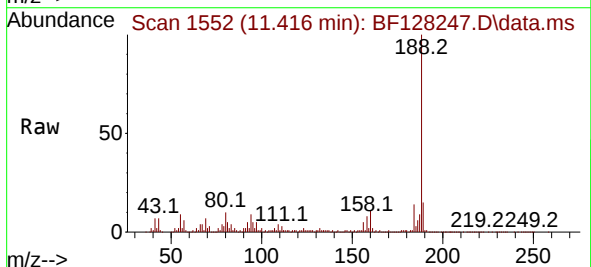
Tgt Ion:188 Resp: 139400

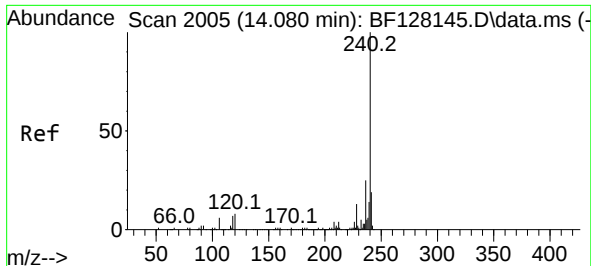
Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

80 9.5 8.9 13.3

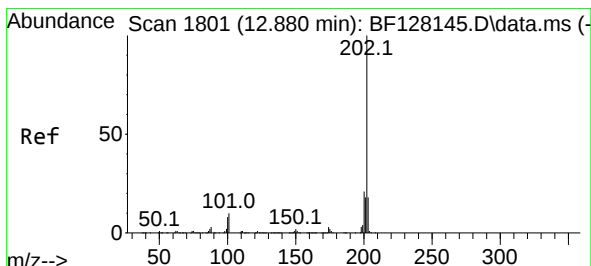
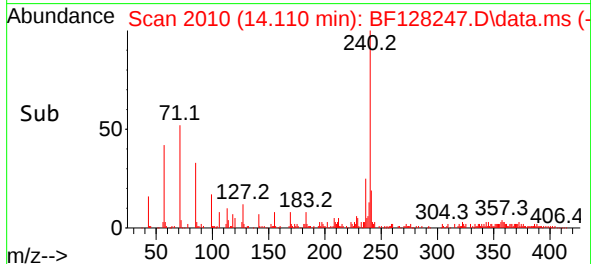
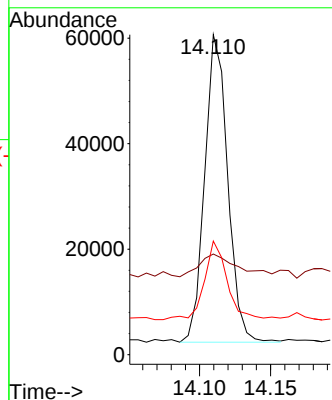
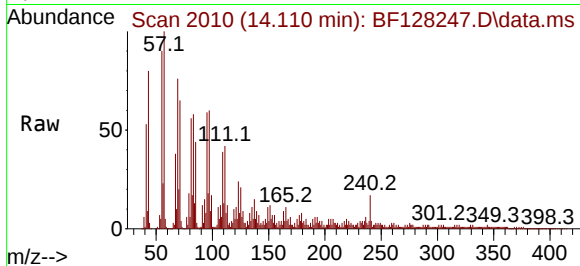




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. 0.041 min
Lab File: BF128247.D
Acq: 13 May 2022 19:10

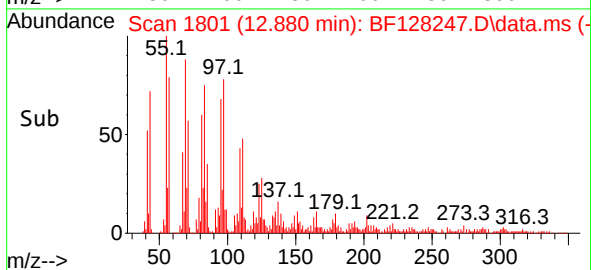
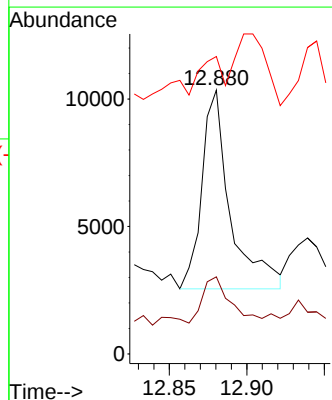
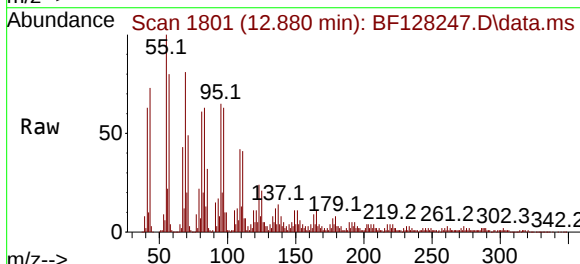
Instrument :
BNA_F
ClientSampleId :
SAS-1D

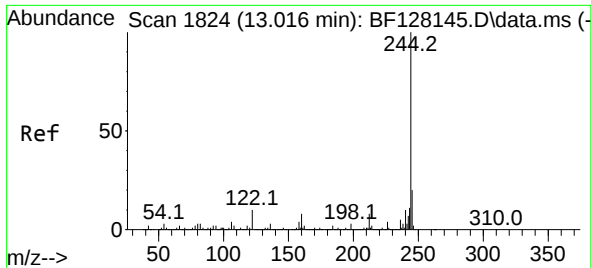
Tgt Ion:240 Resp: 65754
Ion Ratio Lower Upper
240 100
120 31.4 7.0 10.6#
236 35.5 20.3 30.5#



#78
Pyrene
Concen: 2.086 ng
RT: 12.880 min Scan# 1801
Delta R.T. 0.012 min
Lab File: BF128247.D
Acq: 13 May 2022 19:10

Tgt Ion:202 Resp: 9945
Ion Ratio Lower Upper
202 100
200 29.2 17.4 26.2#
203 112.7 14.0 21.0#

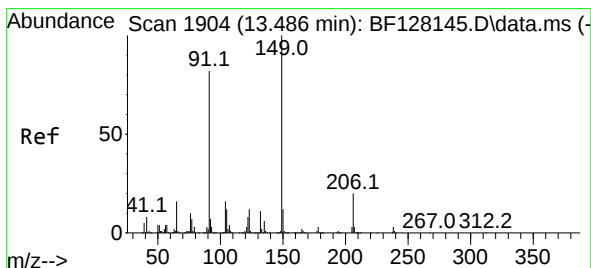
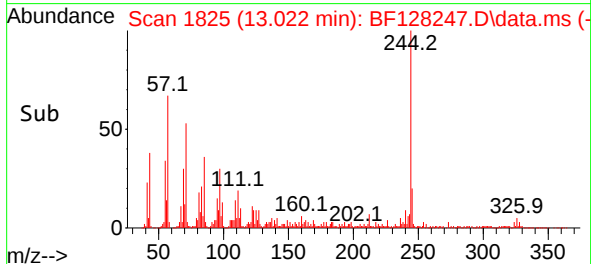
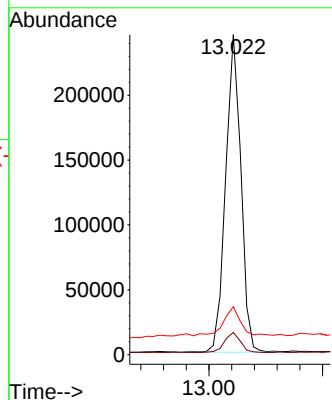
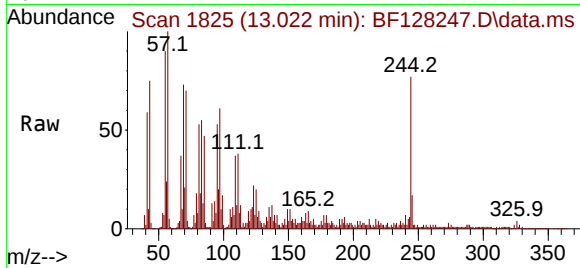




#79
 Terphenyl-d14
 Concen: 65.473 ng
 RT: 13.022 min Scan# 1825
 Delta R.T. 0.012 min
 Lab File: BF128247.D
 Acq: 13 May 2022 19:10

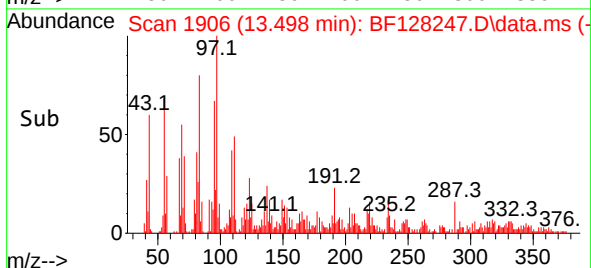
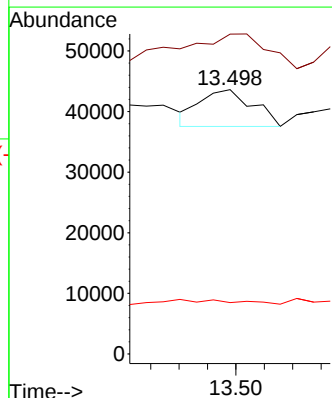
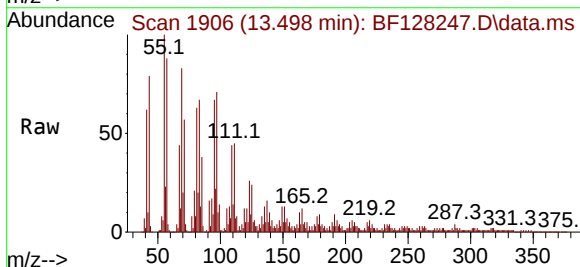
Instrument :
 BNA_F
 ClientSampleId :
 SAS-1D

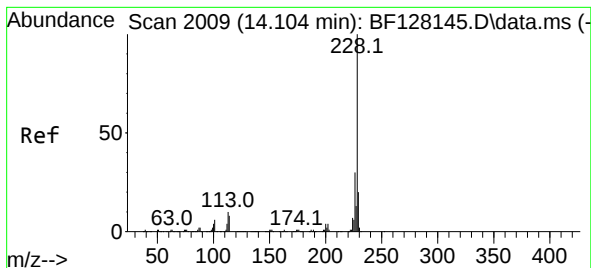
Tgt Ion:244 Resp: 229433
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 15.0 8.6 12.8#



#80
 Butylbenzylphthalate
 Concen: 3.930 ng
 RT: 13.498 min Scan# 1906
 Delta R.T. 0.024 min
 Lab File: BF128247.D
 Acq: 13 May 2022 19:10

Tgt Ion:149 Resp: 7789
 Ion Ratio Lower Upper
 149 100
 91 121.0 65.8 98.6#
 206 19.4 15.4 23.2





#83

Chrysene

Concen: 6.004 ng

RT: 14.121 min Scan# 2009

Delta R.T. 0.024 min

Lab File: BF128247.D

Acq: 13 May 2022 19:10

Instrument :

BNA_F

ClientSampleId :

SAS-1D

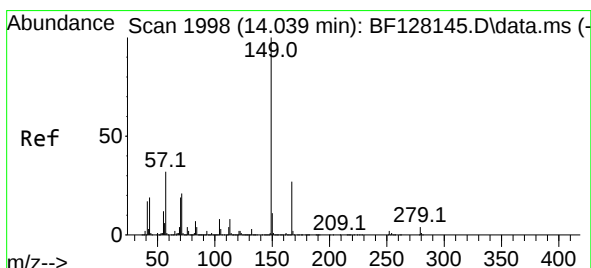
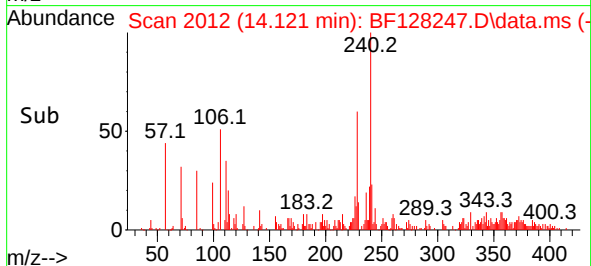
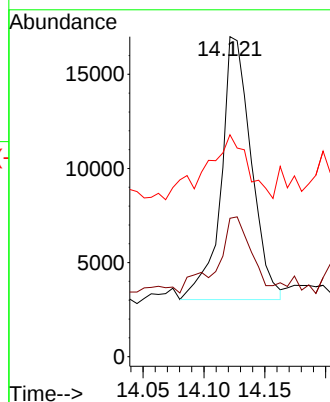
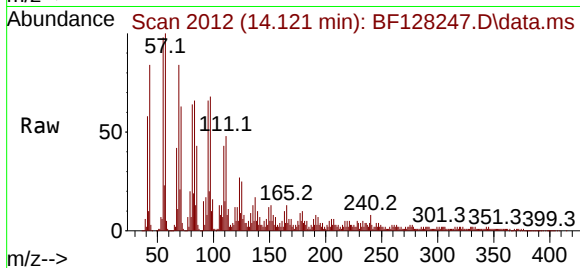
Tgt Ion:228 Resp: 24062

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# 2003

Delta R.T. 0.041 min

Lab File: BF128247.D

Acq: 13 May 2022 19:10

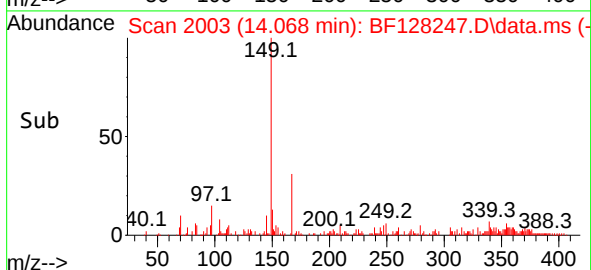
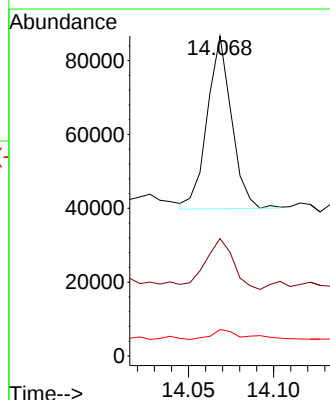
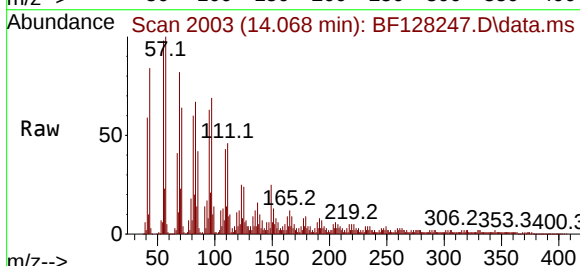
Tgt Ion:149 Resp: 46147

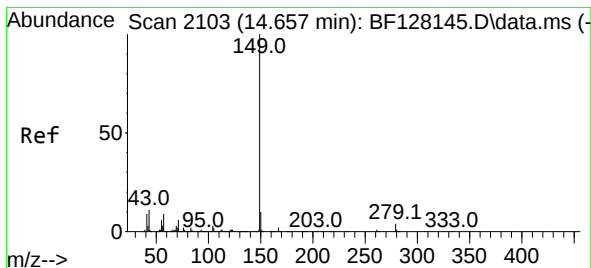
Ion Ratio Lower Upper

149 100

167 36.7 22.0 33.0#

279 8.3 3.4 5.0#





#85

Di-n-octyl phthalate

Concen: 2.576 ng

RT: 14.686 min Scan# 2108

Delta R.T. 0.041 min

Lab File: BF128247.D

Acq: 13 May 2022 19:10

Instrument :

BNA_F

ClientSampleId :

SAS-1D

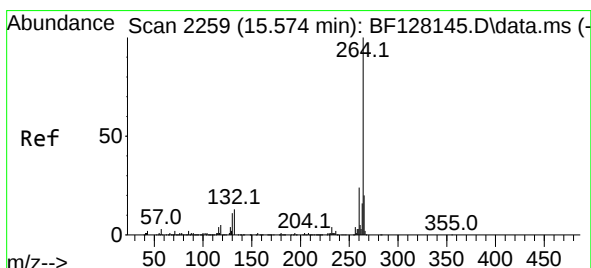
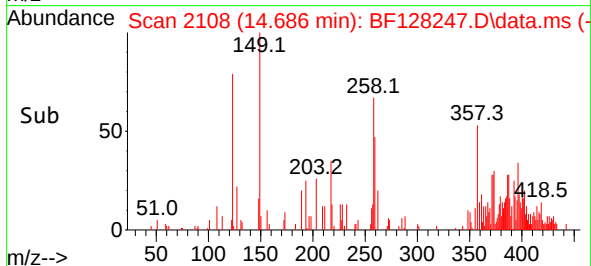
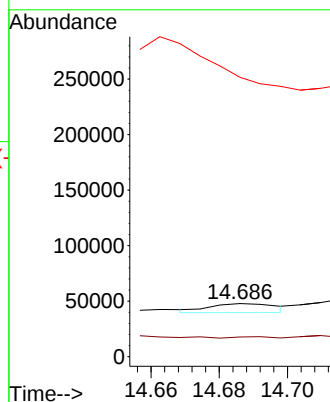
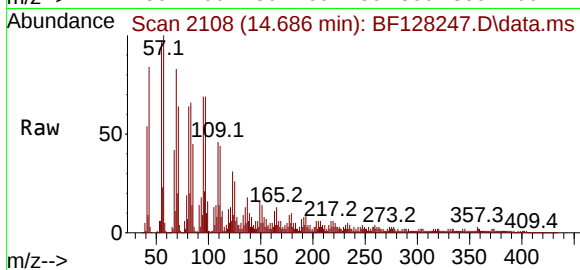
Tgt Ion:149 Resp: 11021

Ion Ratio Lower Upper

149 100

167 7.2 1.3 1.9#

43 0.0 8.9 13.3#



#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#

