

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128299.D
 Acq On : 17 May 2022 19:11
 Operator : CG\JU
 Sample : N2882-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLP-2

Quant Time: May 18 01:34:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

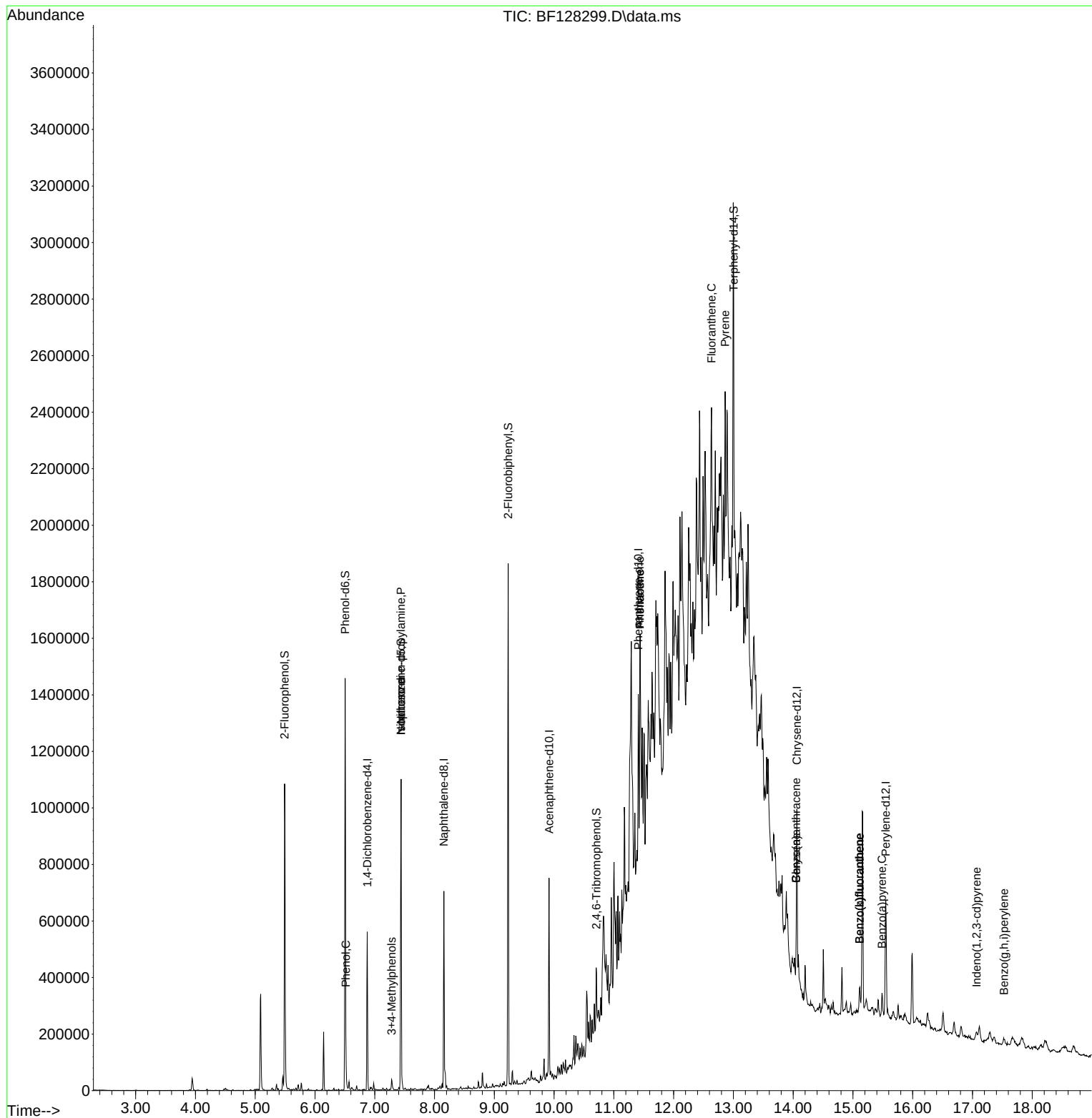
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	70458	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	265624	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	131671	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	180658	20.000	ng	0.00
76) Chrysene-d12	14.062	240	166413	20.000	ng	0.00
86) Perylene-d12	15.551	264	143159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	272194	61.585	ng	0.00
7) Phenol-d6	6.504	99	422365	72.250	ng	-0.01
23) Nitrobenzene-d5	7.439	82	316730	53.654	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	24970	16.535	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	494722	58.790	ng	0.00
79) Terphenyl-d14	13.004	244	370989	41.831	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.504	77	863	Below Cal	#	3
10) Phenol	6.516	94	17303	2.807	ng	86
19) n-Nitroso-di-n-propyla...	7.439	70	43800	12.166	ng	# 80
20) 3+4-Methylphenols	7.281	107	10363	2.191	ng	# 72
25) Isophorone	7.439	82	316727	34.223	ng	# 68
71) Phenanthrene	11.433	178	42082	4.678	ng	96
72) Anthracene	11.433	178	42082	4.685	ng	95
75) Fluoranthene	12.633	202	67473	6.918	ng	97
78) Pyrene	12.863	202	66820	5.538	ng	98
81) Benzo(a)anthracene	14.051	228	46037	4.331	ng	98
83) Chrysene	14.051	228	46037	4.539	ng	94
87) Indeno(1,2,3-cd)pyrene	17.068	276	18126	2.093	ng	95
88) Benzo(b)fluoranthene	15.109	252	70401	7.933	ng	# 95
89) Benzo(k)fluoranthene	15.109	252	70401	8.037	ng	# 93
90) Benzo(a)pyrene	15.486	252	33765	4.713	ng	# 86
92) Benzo(g,h,i)perylene	17.527	276	18392	2.591	ng	97

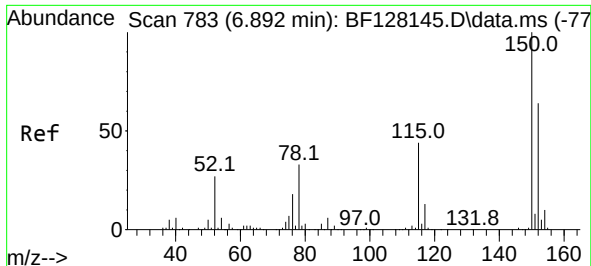
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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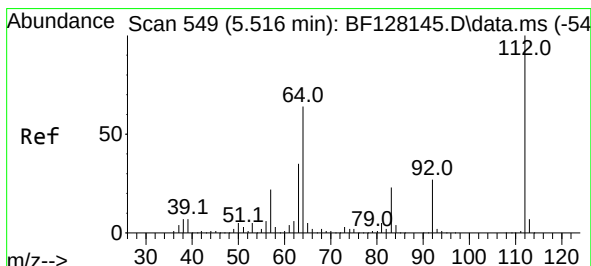
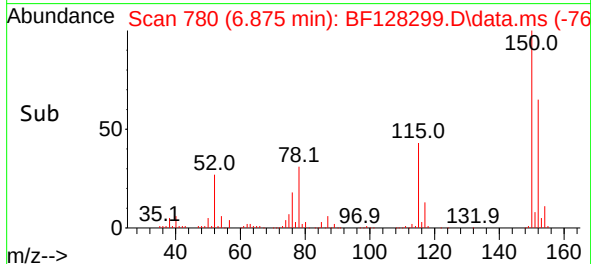
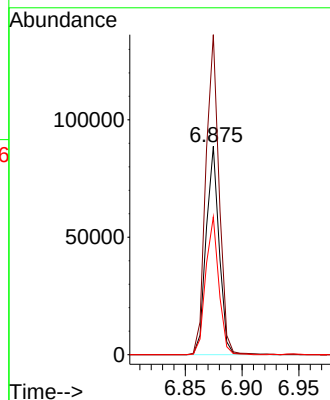
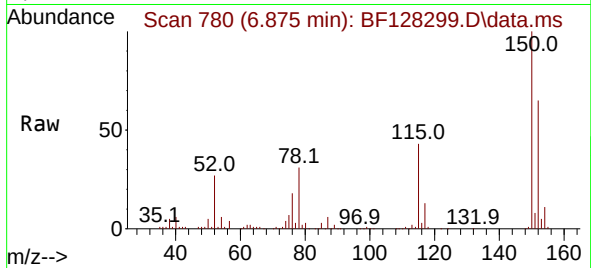




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128299.D
Acq: 17 May 2022 19:11

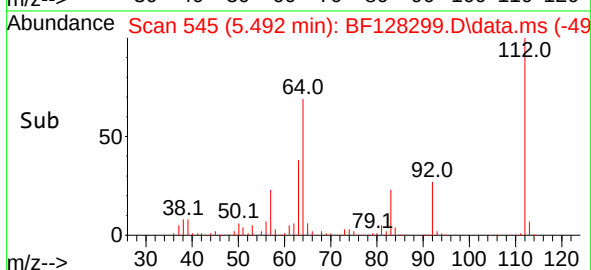
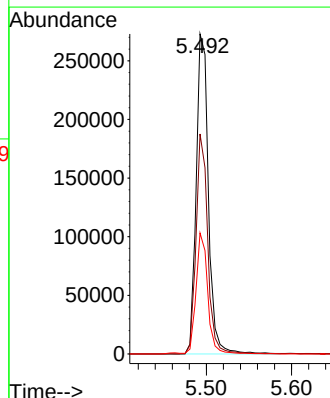
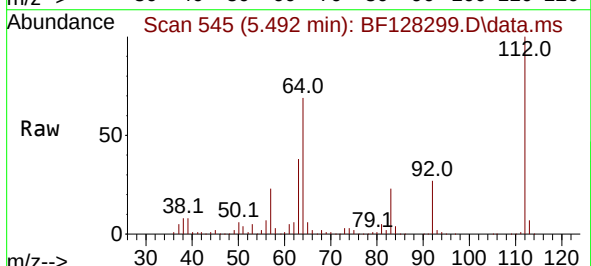
Instrument :
BNA_F
ClientSampleId :
SLP-2

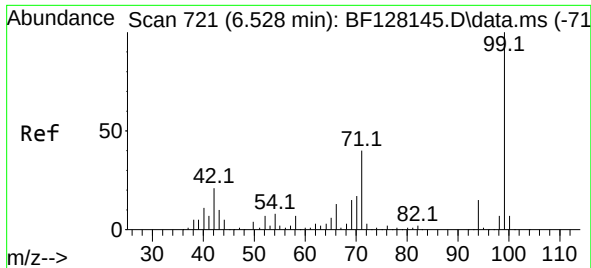
Tgt Ion:152 Resp: 70458
Ion Ratio Lower Upper
152 100
150 153.6 125.3 187.9
115 66.1 48.8 73.2



#5
2-Fluorophenol
Concen: 61.585 ng
RT: 5.492 min Scan# 545
Delta R.T. -0.006 min
Lab File: BF128299.D
Acq: 17 May 2022 19:11

Tgt Ion:112 Resp: 272194
Ion Ratio Lower Upper
112 100
64 68.8 49.5 74.3
63 37.8 26.3 39.5

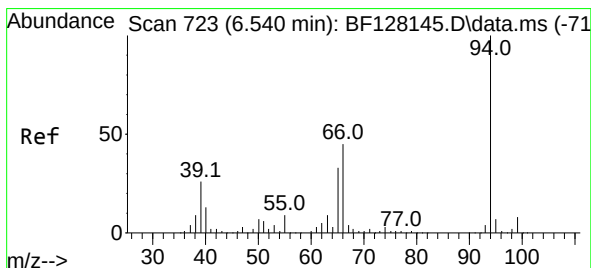
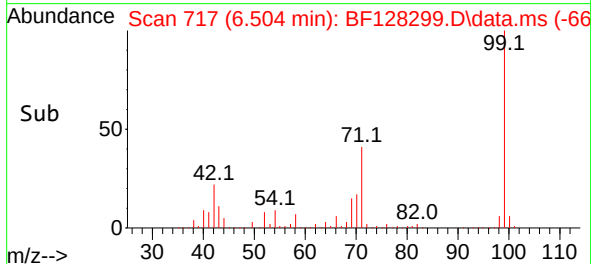
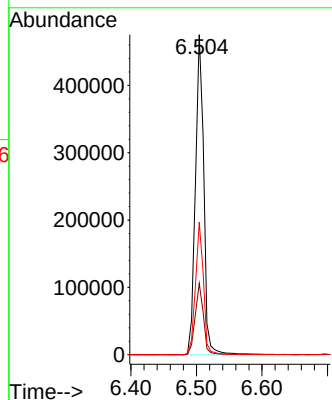
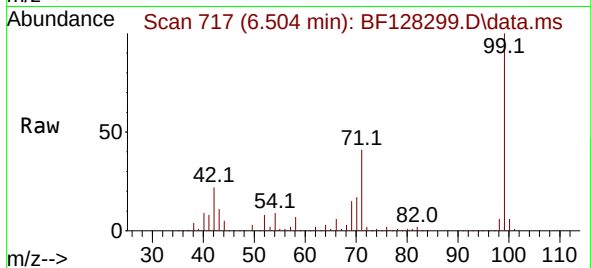




#7
Phenol-d6
Concen: 72.250 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF128299.D
Acq: 17 May 2022 19:11

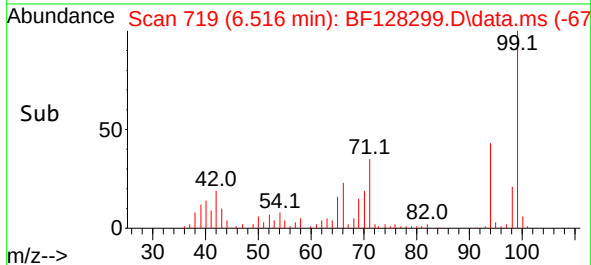
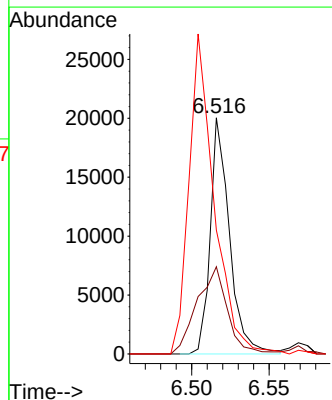
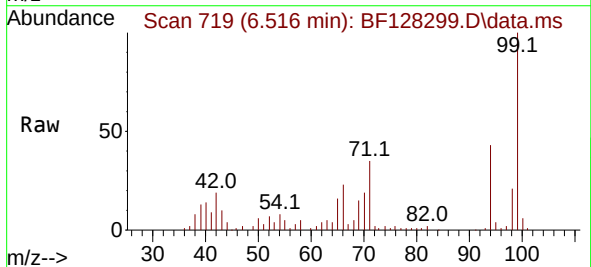
Instrument :
BNA_F
ClientSampleId :
SLP-2

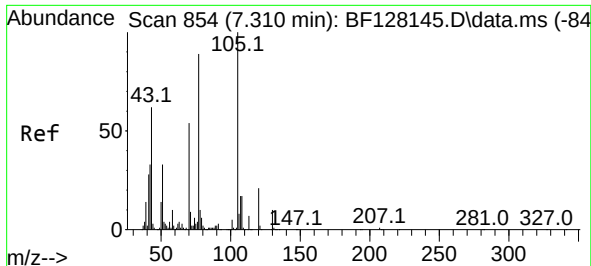
Tgt Ion: 99 Resp: 422365
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 41.4 30.0 45.0



#10
Phenol
Concen: 2.807 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF128299.D
Acq: 17 May 2022 19:11

Tgt Ion: 94 Resp: 17303
Ion Ratio Lower Upper
94 100
65 36.9 10.6 50.6
66 52.4 22.6 62.6

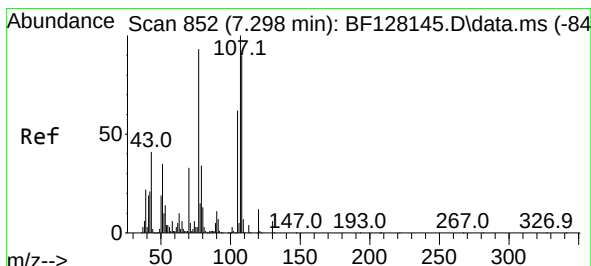
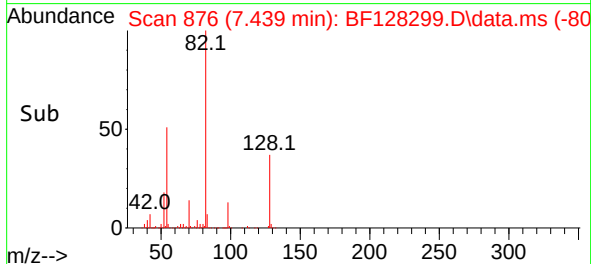
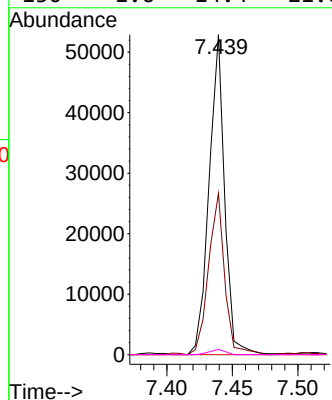
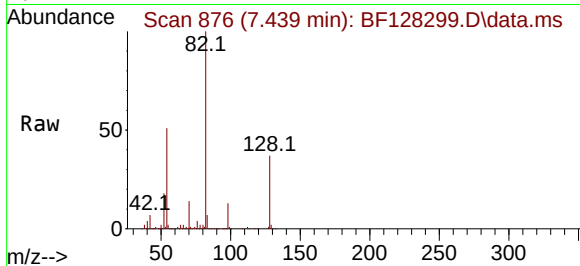




#19
n-Nitroso-di-n-propylamine
Concen: 12.166 ng
RT: 7.439 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF128299.D
Acq: 17 May 2022 19:11

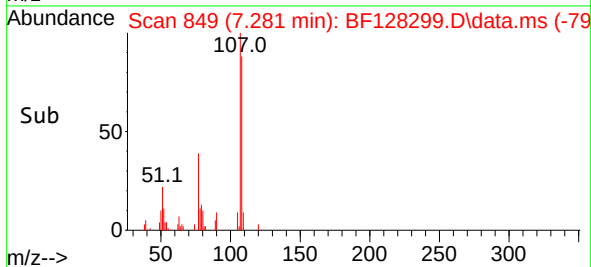
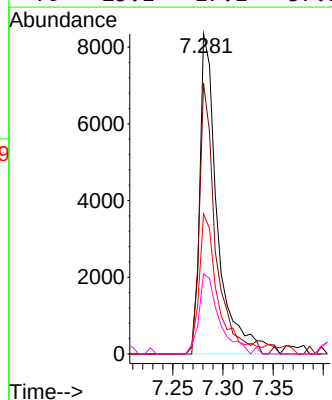
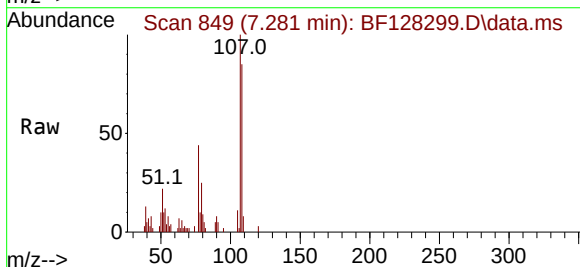
Instrument :
BNA_F
ClientSampleId :
SLP-2

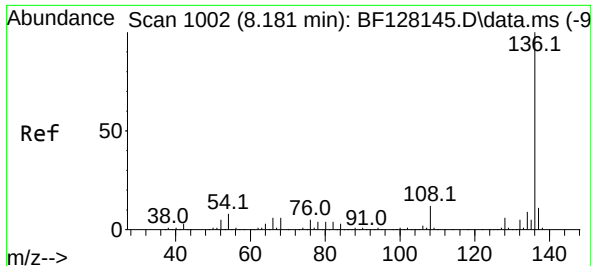
Tgt Ion: 70 Resp: 43800
Ion Ratio Lower Upper
70 100
42 50.4 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#



#20
3+4-Methylphenols
Concen: 2.191 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF128299.D
Acq: 17 May 2022 19:11

Tgt Ion: 107 Resp: 10363
Ion Ratio Lower Upper
107 100
108 84.6 73.4 113.4
77 43.8 71.1 111.1#
79 25.1 17.1 57.1

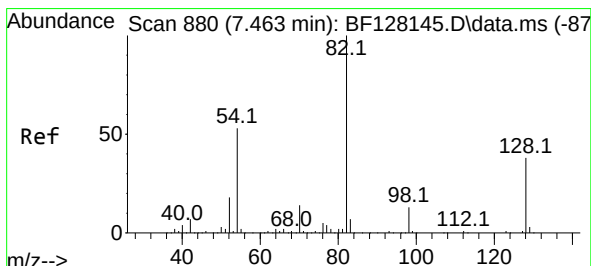
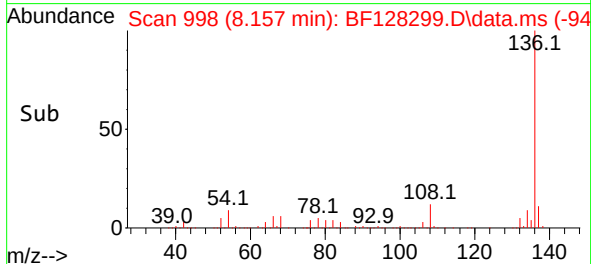
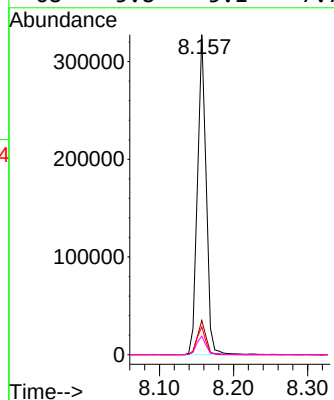
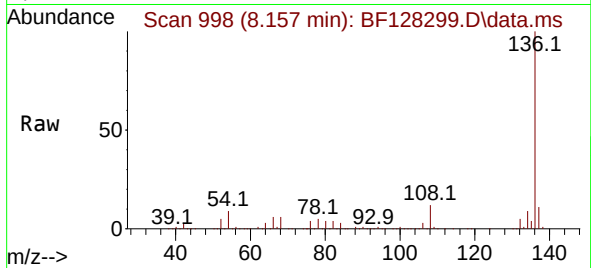




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128299.D
Acq: 17 May 2022 19:11

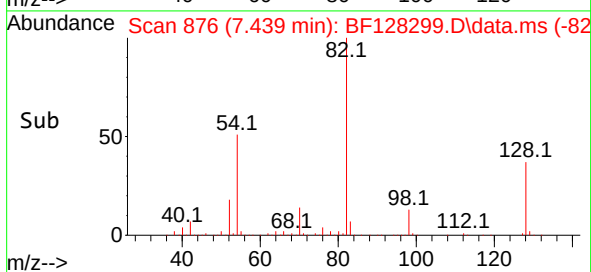
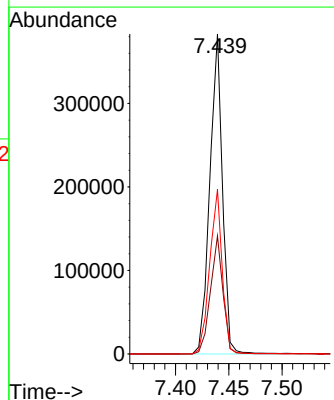
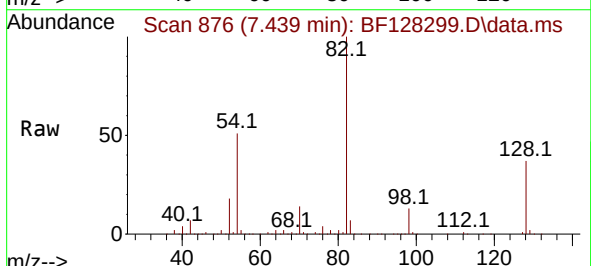
Instrument :
BNA_F
ClientSampleId :
SLP-2

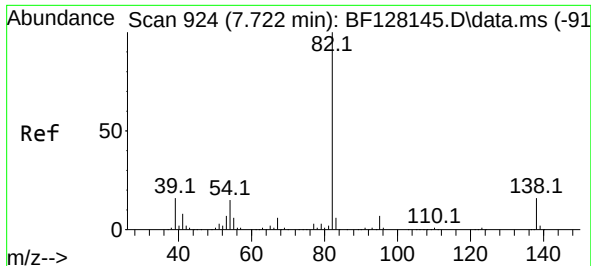
Tgt Ion:136 Resp: 265624
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 6.8 10.2
68 5.8 5.1 7.7



#23
Nitrobenzene-d5
Concen: 53.654 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF128299.D
Acq: 17 May 2022 19:11

Tgt Ion: 82 Resp: 316730
Ion Ratio Lower Upper
82 100
128 36.9 30.0 45.0
54 51.4 41.3 61.9

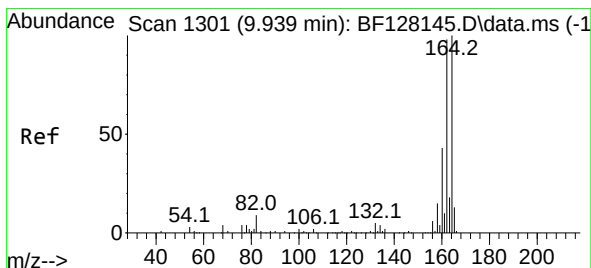
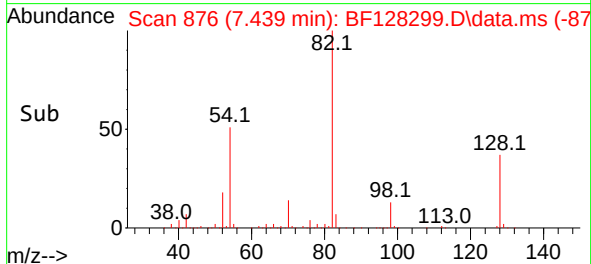
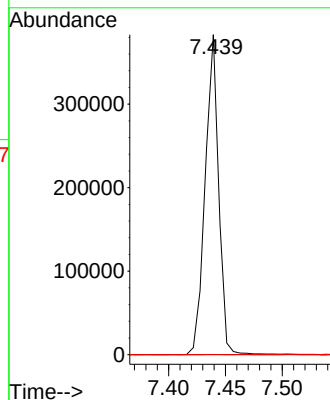
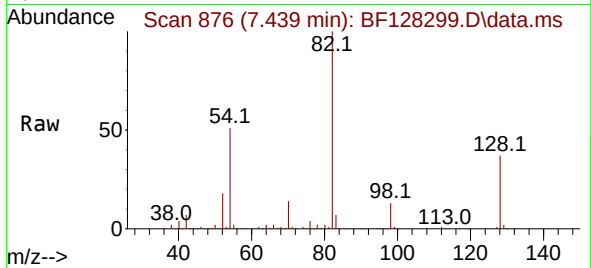




#25
Isophorone
Concen: 34.223 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128299.D
Acq: 17 May 2022 19:11

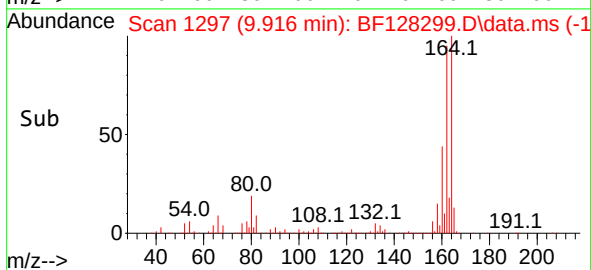
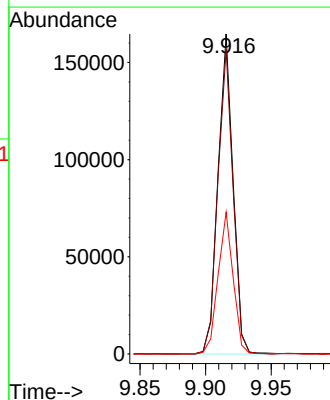
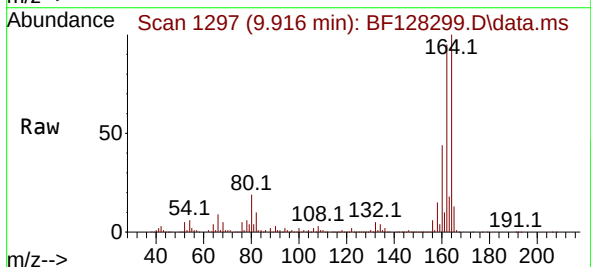
Instrument :
BNA_F
ClientSampleId :
SLP-2

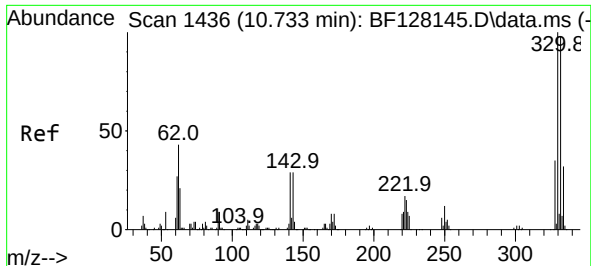
Tgt Ion: 82 Resp: 316727
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128299.D
Acq: 17 May 2022 19:11

Tgt Ion: 164 Resp: 131671
Ion Ratio Lower Upper
164 100
162 95.2 76.0 114.0
160 44.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 16.535 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF128299.D

Acq: 17 May 2022 19:11

Instrument :

BNA_F

ClientSampleId :

SLP-2

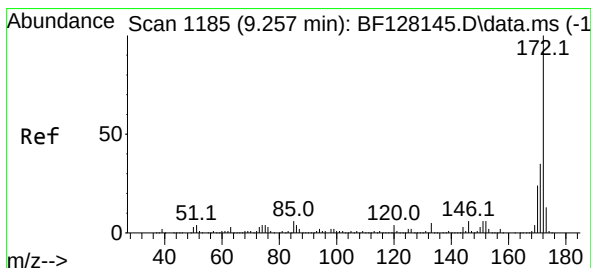
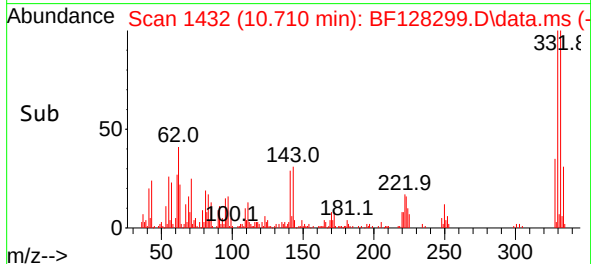
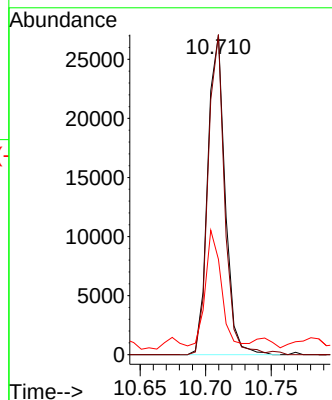
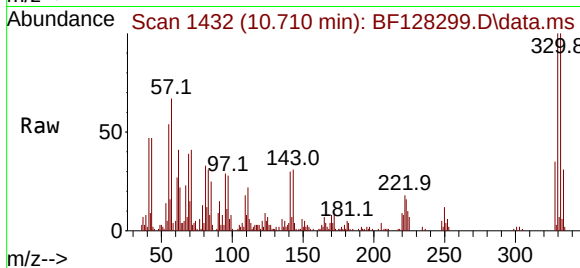
Tgt Ion:330 Resp: 24970

Ion Ratio Lower Upper

330 100

332 96.1 79.0 118.4

141 33.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 58.790 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF128299.D

Acq: 17 May 2022 19:11

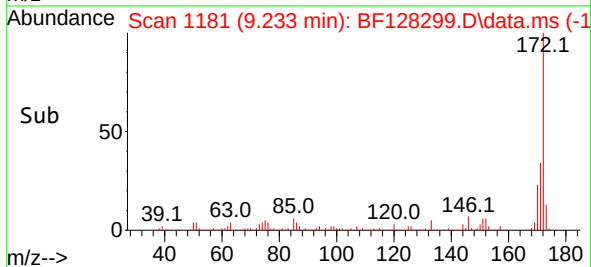
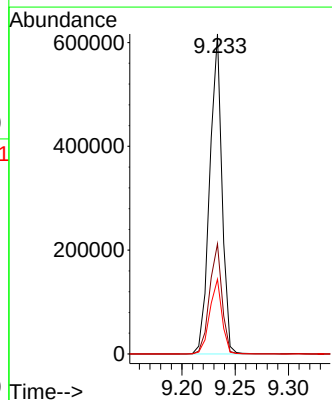
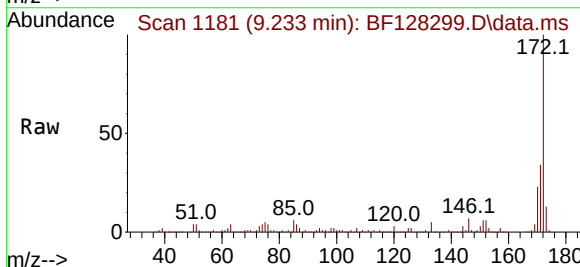
Tgt Ion:172 Resp: 494722

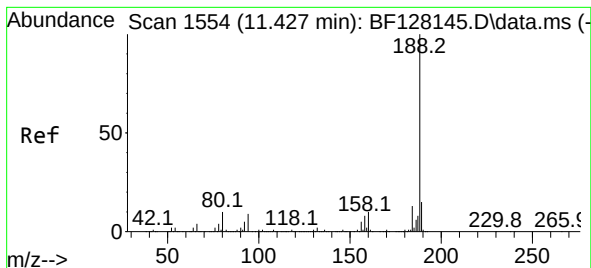
Ion Ratio Lower Upper

172 100

171 34.4 28.6 42.8

170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128299.D

Acq: 17 May 2022 19:11

Instrument :

BNA_F

ClientSampleId :

SLP-2

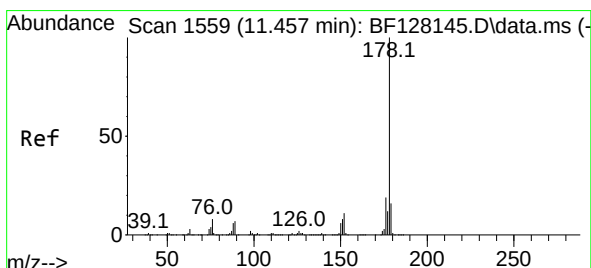
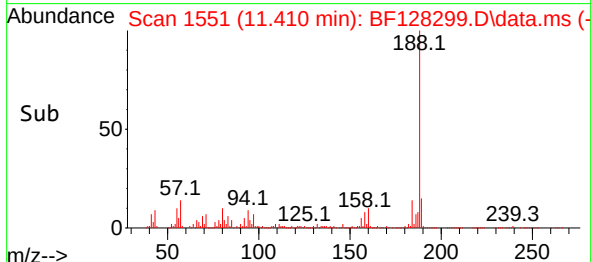
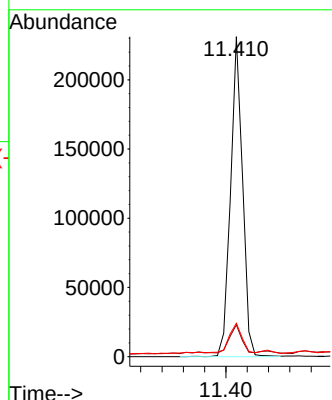
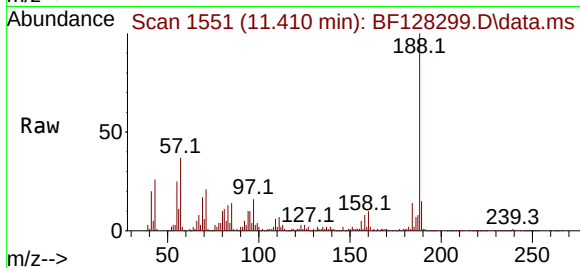
Tgt Ion:188 Resp: 180658

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

80 10.4 8.9 13.3



#71

Phenanthrene

Concen: 4.678 ng

RT: 11.433 min Scan# 1555

Delta R.T. -0.006 min

Lab File: BF128299.D

Acq: 17 May 2022 19:11

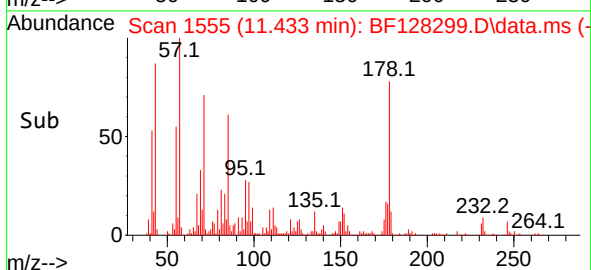
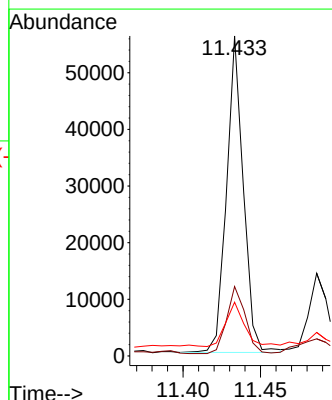
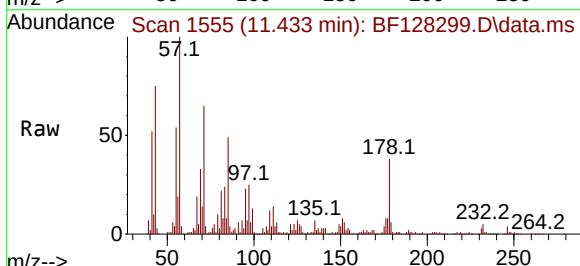
Tgt Ion:178 Resp: 42082

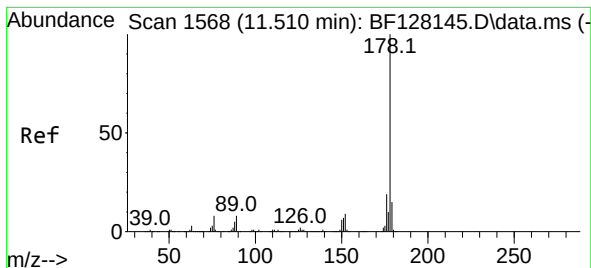
Ion Ratio Lower Upper

178 100

176 21.7 15.7 23.5

179 16.8 12.6 19.0





#72

Anthracene

Concen: 4.685 ng

RT: 11.433 min Scan# 11

Delta R.T. -0.059 min

Lab File: BF128299.D

Acq: 17 May 2022 19:11

Instrument :

BNA_F

ClientSampleId :

SLP-2

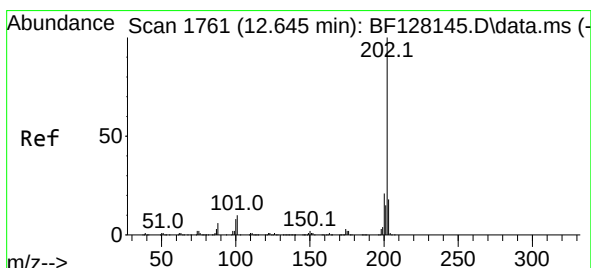
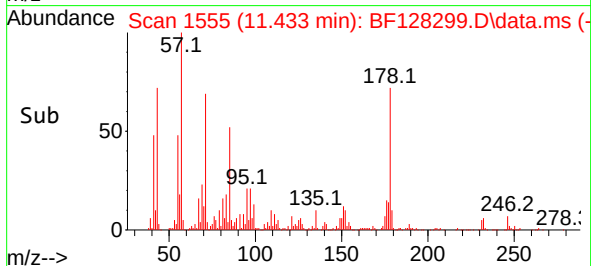
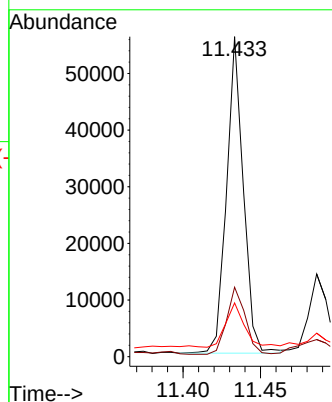
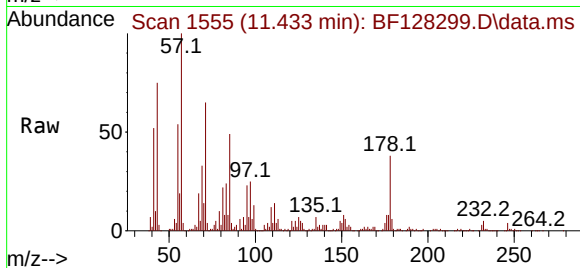
Tgt Ion:178 Resp: 42082

Ion Ratio Lower Upper

178 100

176 21.7 15.0 22.6

179 16.8 12.4 18.6



#75

Fluoranthene

Concen: 6.918 ng

RT: 12.633 min Scan# 1759

Delta R.T. -0.000 min

Lab File: BF128299.D

Acq: 17 May 2022 19:11

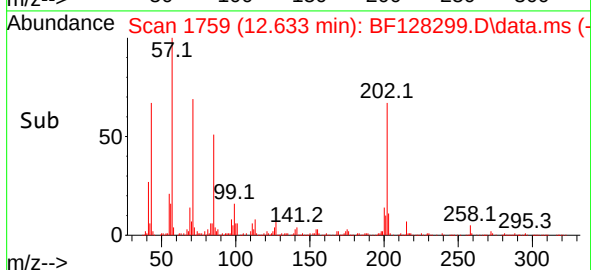
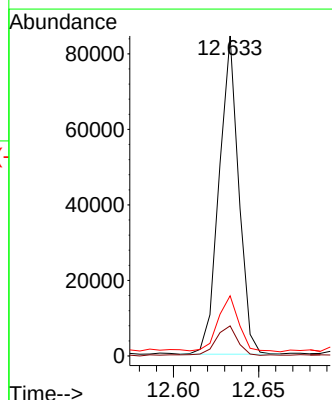
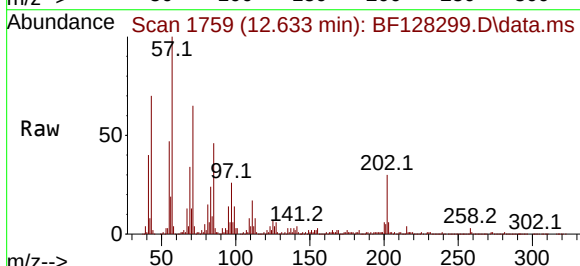
Tgt Ion:202 Resp: 67473

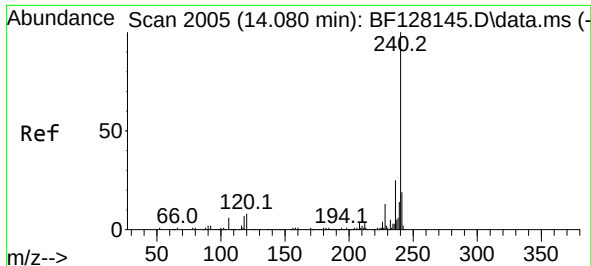
Ion Ratio Lower Upper

202 100

101 9.4 0.0 31.6

203 18.8 0.0 38.1

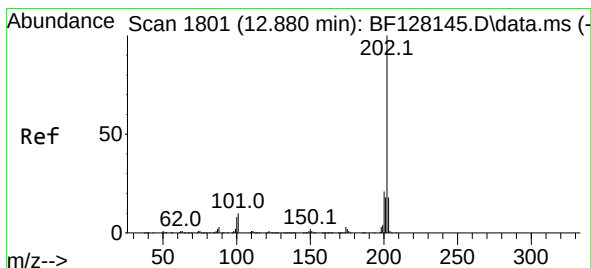
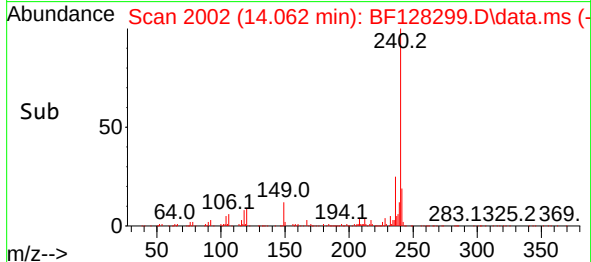
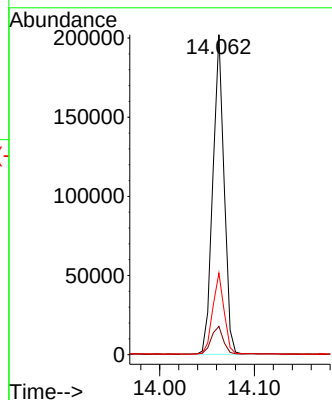
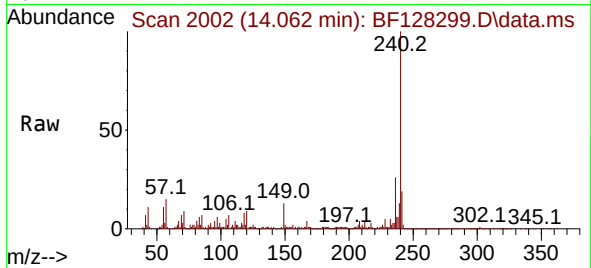




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF128299.D
Acq: 17 May 2022 19:11

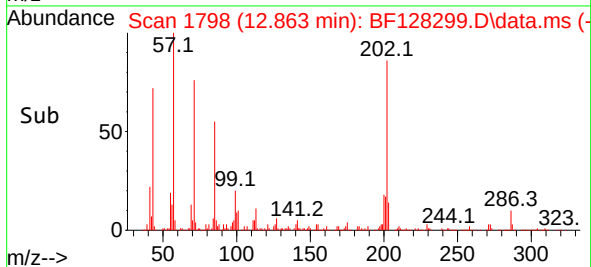
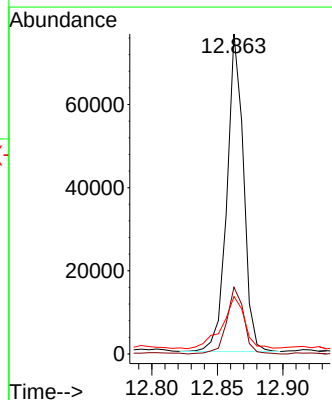
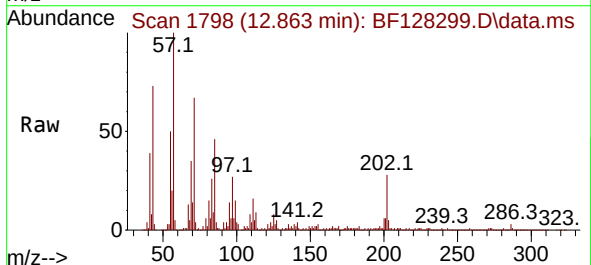
Instrument :
BNA_F
ClientSampleId :
SLP-2

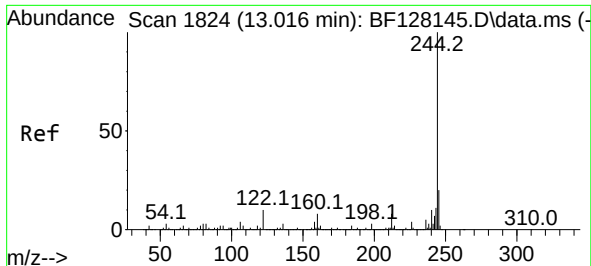
Tgt Ion:240 Resp: 166413
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 25.5 20.3 30.5



#78
Pyrene
Concen: 5.538 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF128299.D
Acq: 17 May 2022 19:11

Tgt Ion:202 Resp: 66820
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 18.0 14.0 21.0

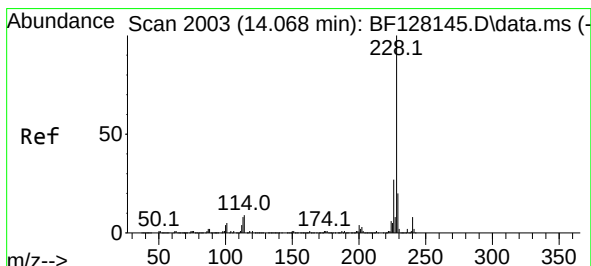
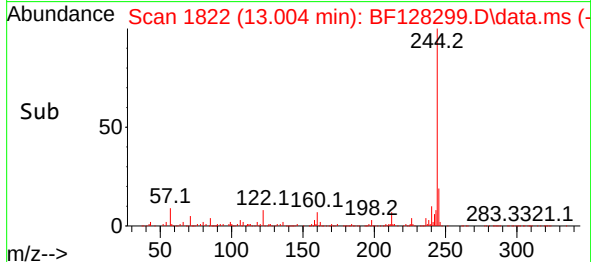
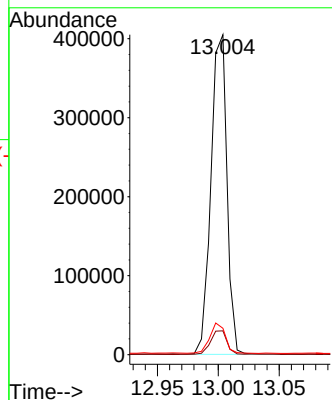
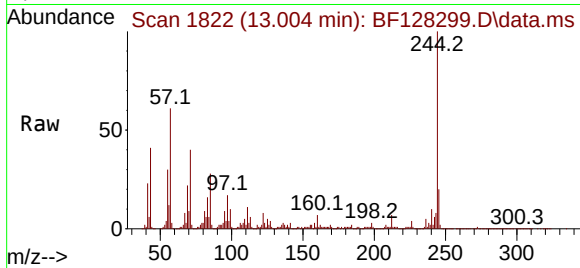




#79
 Terphenyl-d14
 Concen: 41.831 ng
 RT: 13.004 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF128299.D
 Acq: 17 May 2022 19:11

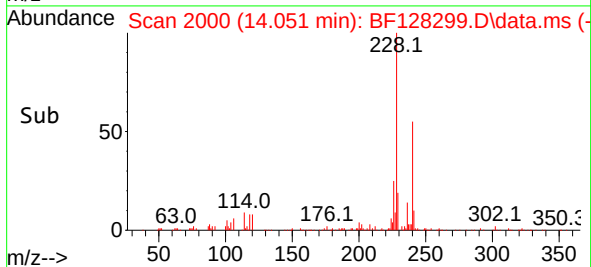
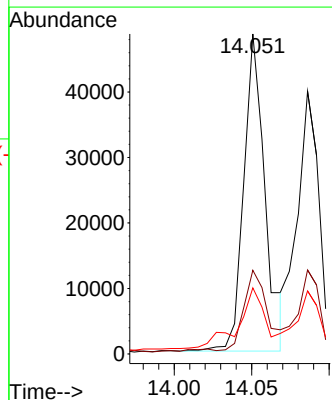
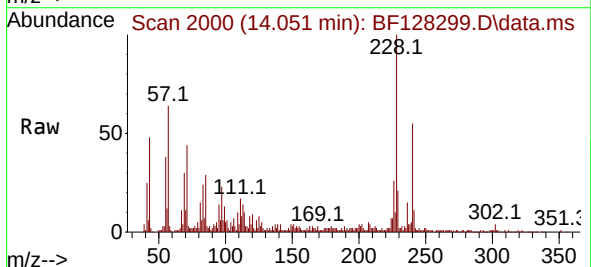
Instrument :
 BNA_F
 ClientSampleId :
 SLP-2

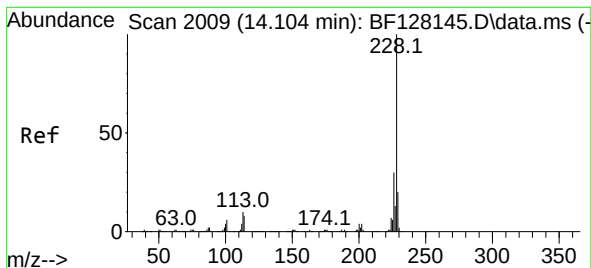
Tgt Ion:244 Resp: 370989
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.3 8.6 12.8#



#81
 Benzo(a)anthracene
 Concen: 4.331 ng
 RT: 14.051 min Scan# 2000
 Delta R.T. -0.006 min
 Lab File: BF128299.D
 Acq: 17 May 2022 19:11

Tgt Ion:228 Resp: 46037
 Ion Ratio Lower Upper
 228 100
 226 26.1 21.7 32.5
 229 20.6 15.4 23.2





#83

Chrysene

Concen: 4.539 ng

RT: 14.051 min Scan# 2009

Delta R.T. -0.041 min

Lab File: BF128299.D

Acq: 17 May 2022 19:11

Instrument :

BNA_F

ClientSampleId :

SLP-2

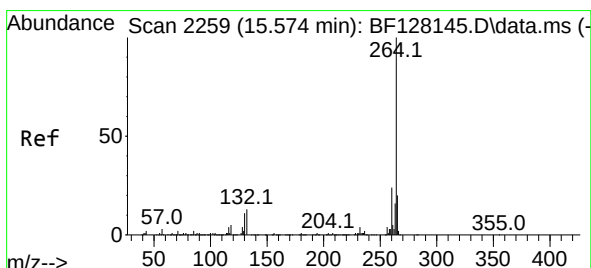
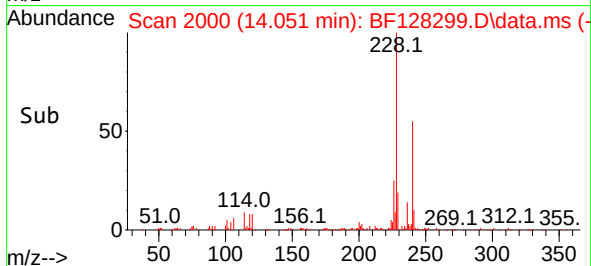
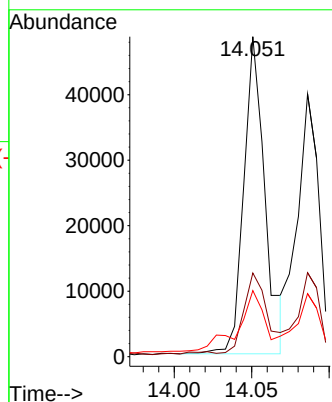
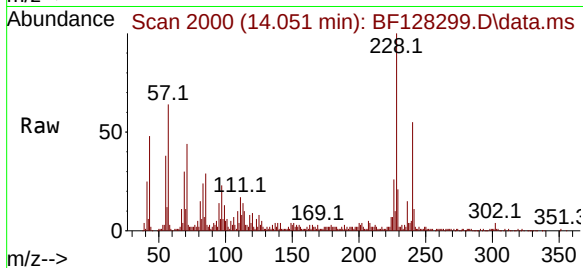
Tgt Ion:228 Resp: 46037

Ion Ratio Lower Upper

228 100

226 26.1 24.4 36.6

229 20.6 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF128299.D

Acq: 17 May 2022 19:11

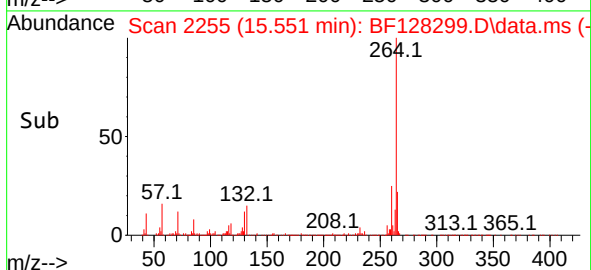
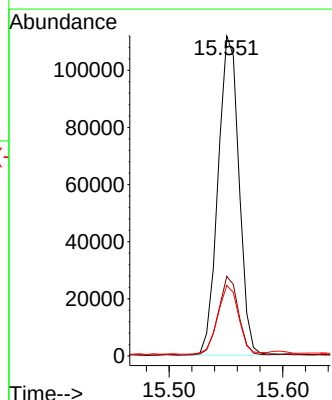
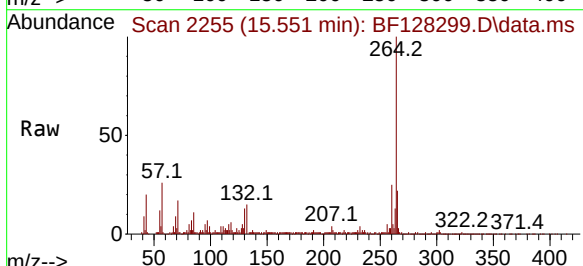
Tgt Ion:264 Resp: 143159

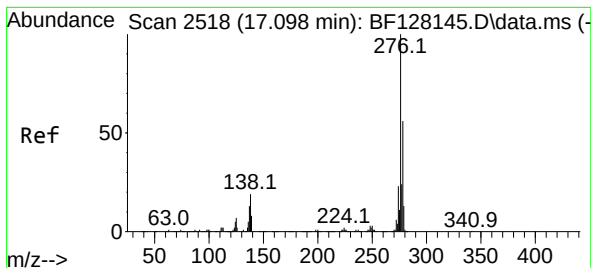
Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 22.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.093 ng

RT: 17.068 min Scan# 2180

Delta R.T. -0.018 min

Lab File: BF128299.D

Acq: 17 May 2022 19:11

Instrument :

BNA_F

ClientSampleId :

SLP-2

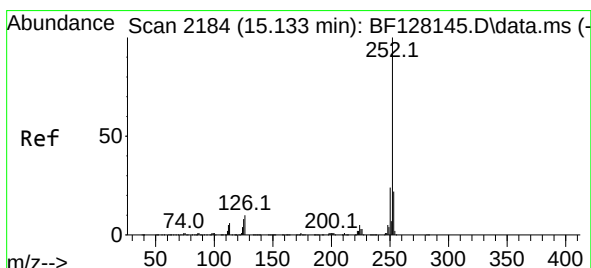
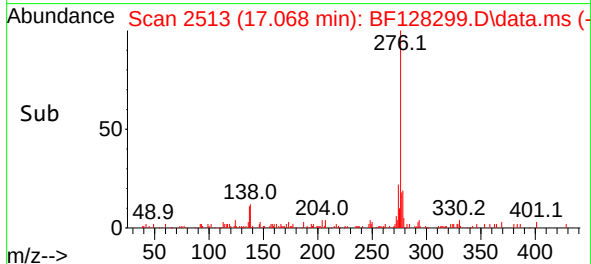
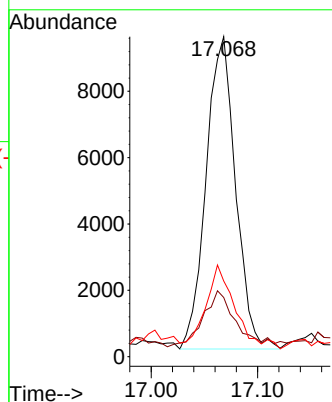
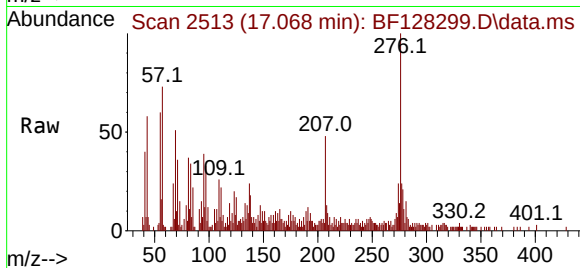
Tgt Ion:276 Resp: 18126

Ion Ratio Lower Upper

276 100

138 20.1 19.0 28.4

277 26.8 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 7.933 ng

RT: 15.109 min Scan# 2180

Delta R.T. -0.006 min

Lab File: BF128299.D

Acq: 17 May 2022 19:11

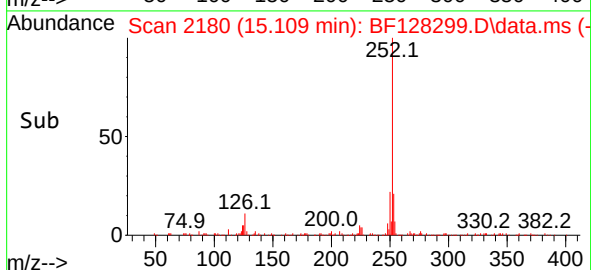
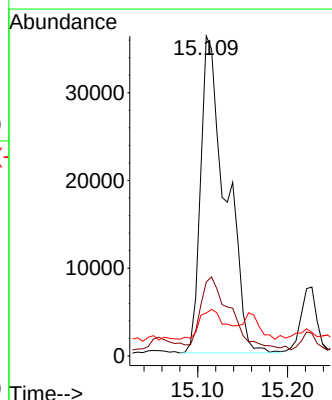
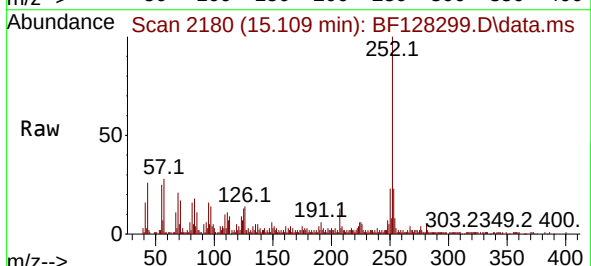
Tgt Ion:252 Resp: 70401

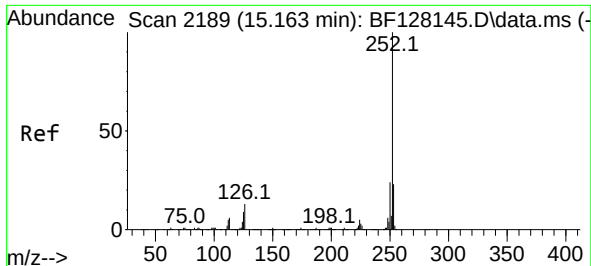
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

125 13.4 7.4 11.2#

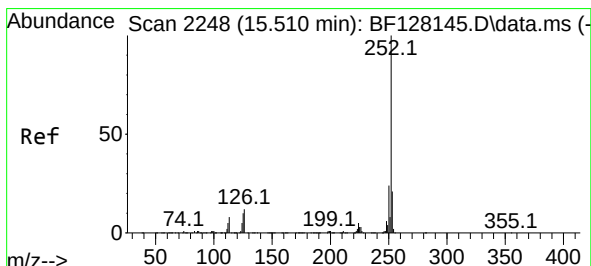
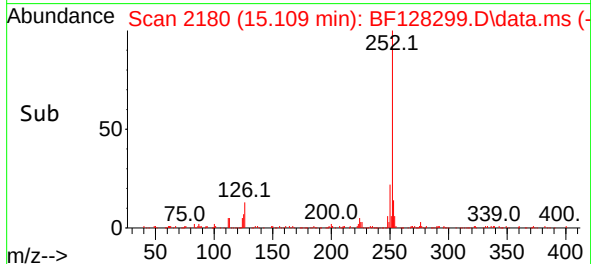
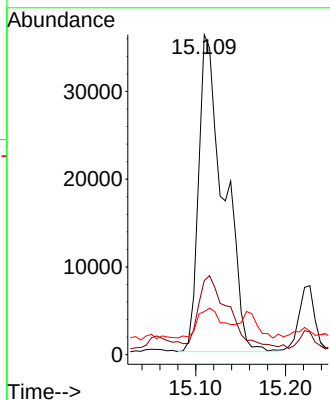
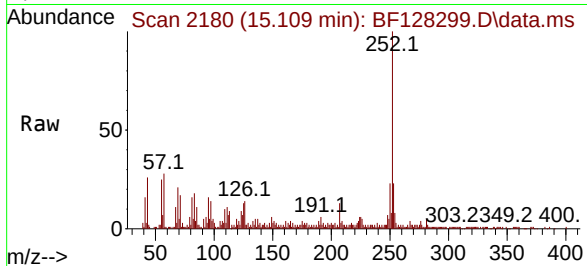




#89
Benzo(k)fluoranthene
Concen: 8.037 ng
RT: 15.109 min Scan# 2189
Delta R.T. -0.041 min
Lab File: BF128299.D
Acq: 17 May 2022 19:11

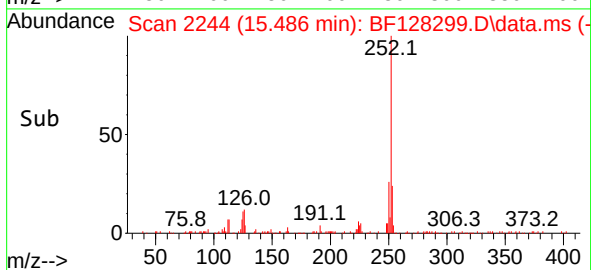
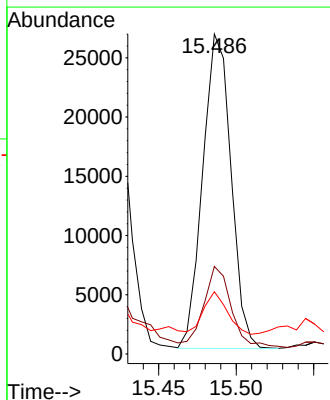
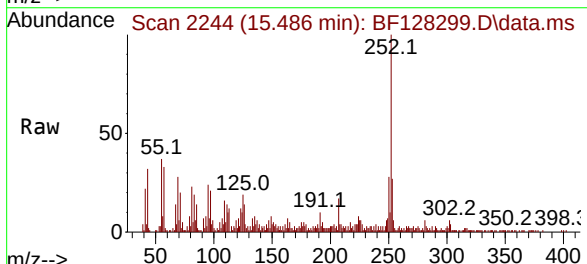
Instrument :
BNA_F
ClientSampleId :
SLP-2

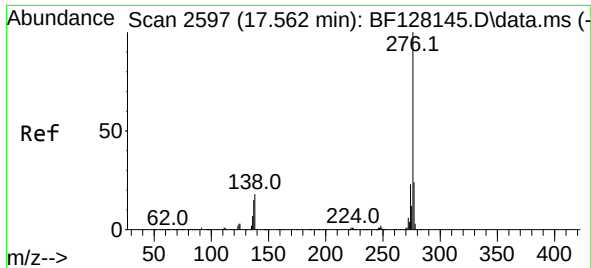
Tgt Ion:252 Resp: 70401
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.4
125 13.4 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 4.713 ng
RT: 15.486 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF128299.D
Acq: 17 May 2022 19:11

Tgt Ion:252 Resp: 33765
Ion Ratio Lower Upper
252 100
253 27.4 17.8 26.6#
125 19.5 9.2 13.8#





#92

Benzo(g,h,i)perylene

Concen: 2.591 ng

RT: 17.527 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF128299.D

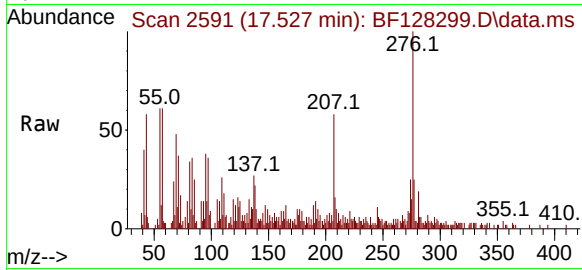
Acq: 17 May 2022 19:11

Instrument :

BNA_F

ClientSampleId :

SLP-2



Tgt Ion:276 Resp: 18392

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 21.8 16.2 24.2

