

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128293.D
 Acq On : 17 May 2022 16:14
 Operator : CG\JU
 Sample : N2881-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLP-1

Quant Time: May 18 01:34:02 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)

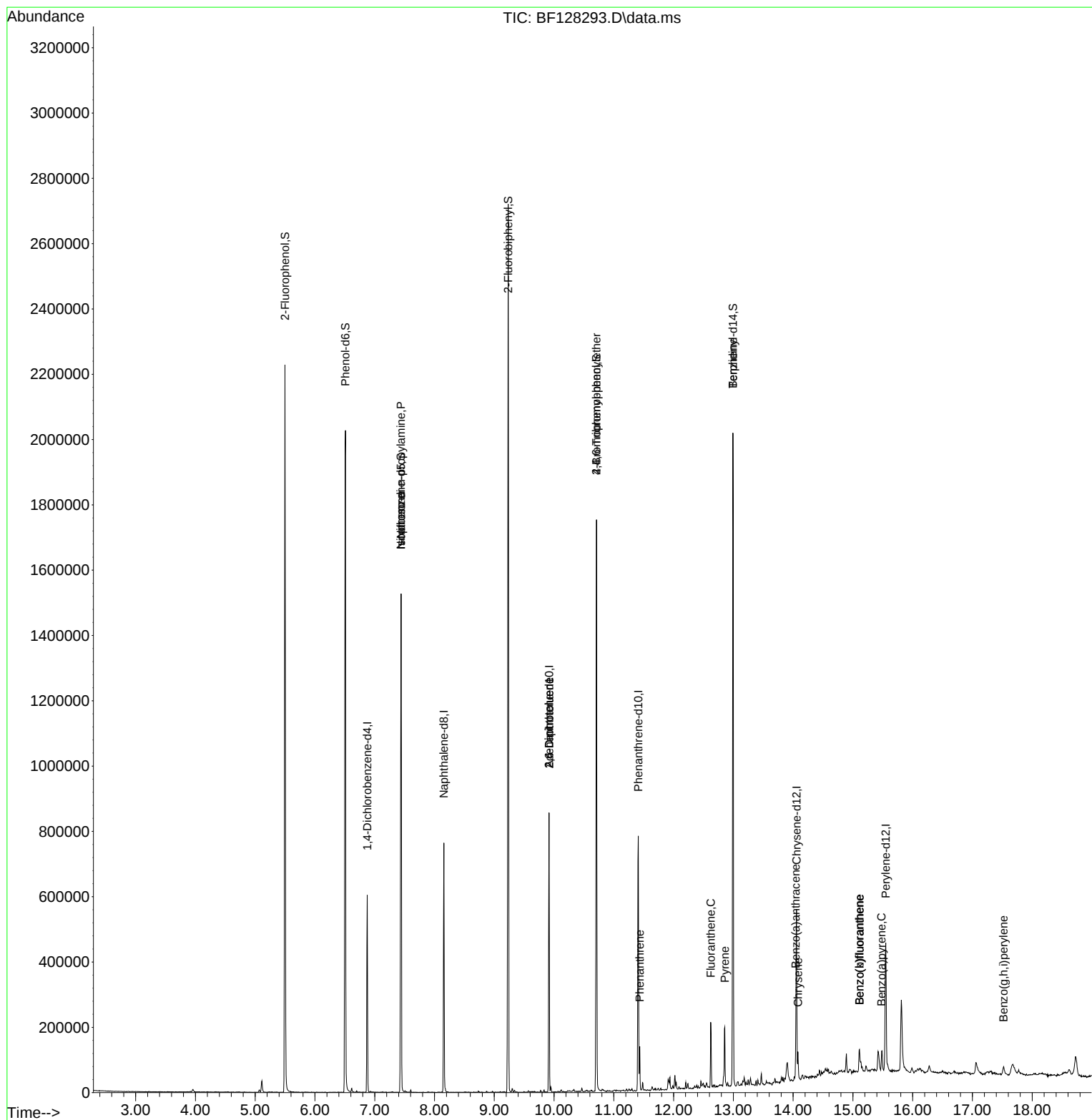
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	76249	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	294574	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	164386	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	286411	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	166130	20.000	ng	0.00
86) Perylene-d12	15.551	264	180495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	529463	110.695	ng	0.00
7) Phenol-d6	6.510	99	698171	110.359	ng	0.00
23) Nitrobenzene-d5	7.440	82	498585	76.160	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	187858	99.643	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	779472	74.193	ng	0.00
79) Terphenyl-d14	12.992	244	685975	77.480	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	70	Below Cal	#	49
19) n-Nitroso-di-n-propyla...	7.440	70	67755	17.391	ng	# 80
25) Isophorone	7.440	82	498575	48.578	ng	# 68
51) 2,6-Dinitrotoluene	9.916	165	21549	9.260	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	21549	6.925	ng	# 25
67) 4-Bromophenyl-phenylether	10.710	248	11389	3.696	ng	# 1
71) Phenanthrene	11.433	178	48879	3.427	ng	99
75) Fluoranthene	12.622	202	73229	4.736	ng	98
77) Benzidine	12.992	184	10102	2.808	ng	# 95
78) Pyrene	12.857	202	74001	6.143	ng	98
81) Benzo(a)anthracene	14.045	228	33280	3.136	ng	95
83) Chrysene	14.080	228	29203	2.884	ng	96
88) Benzo(b)fluoranthene	15.110	252	49399	4.415	ng	96
89) Benzo(k)fluoranthene	15.110	252	49399	4.473	ng	# 94
90) Benzo(a)pyrene	15.480	252	29998	3.321	ng	# 96
92) Benzo(g,h,i)perylene	17.521	276	20700	2.313	ng	95

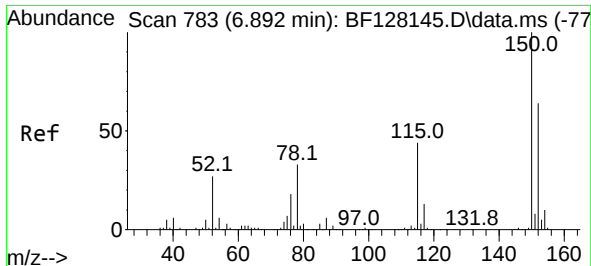
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 18 01:34:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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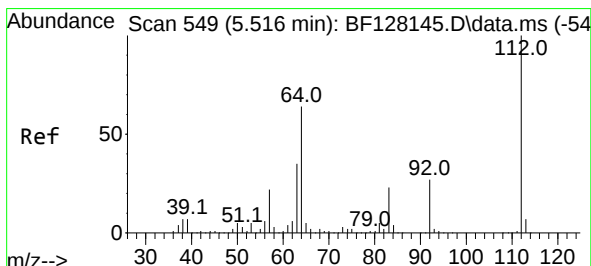
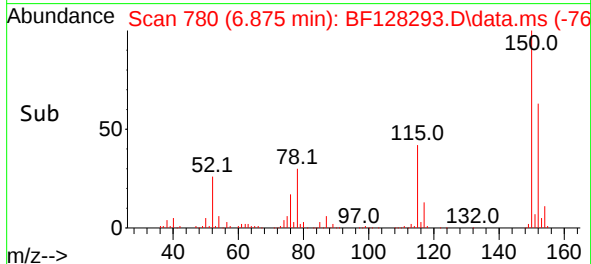
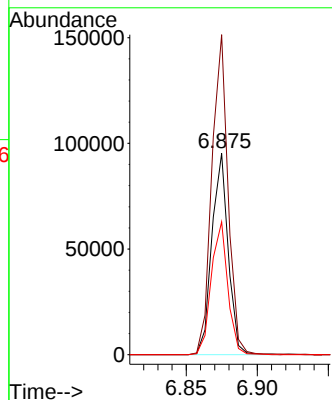
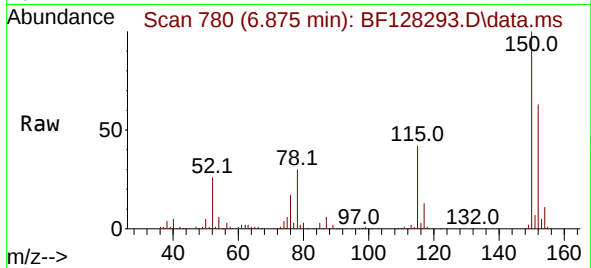




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

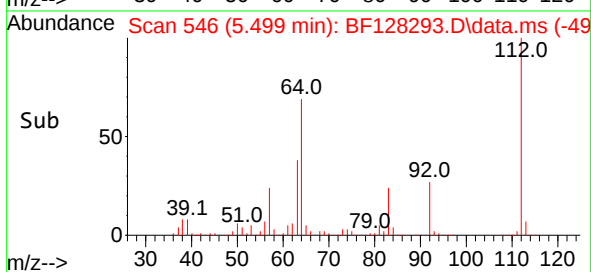
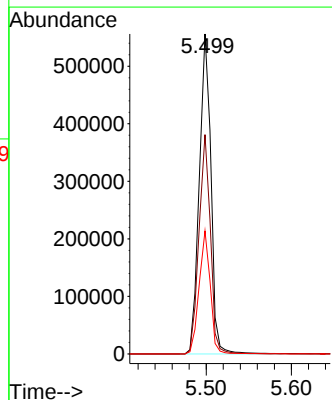
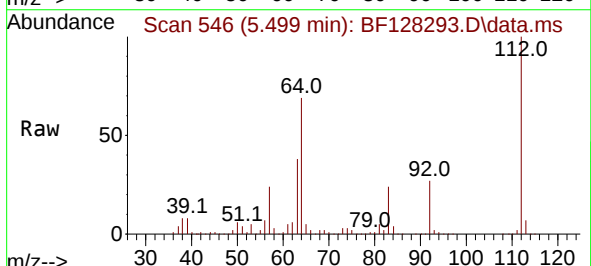
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BNA_F
ClientSampleId :
SLP-1

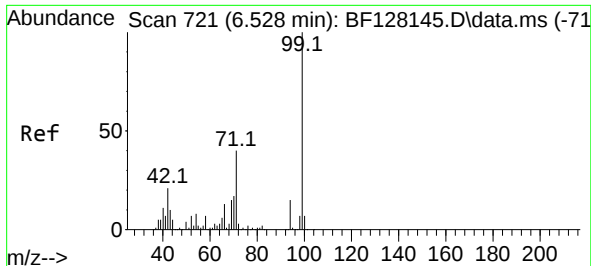
Tgt Ion:152 Resp: 76249
Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 66.0 48.8 73.2



#5
2-Fluorophenol
Concen: 110.695 ng
RT: 5.499 min Scan# 546
Delta R.T. 0.000 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Tgt Ion:112 Resp: 529463
Ion Ratio Lower Upper
112 100
64 68.5 49.5 74.3
63 38.5 26.3 39.5





#7
Phenol-d6
Concen: 110.359 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

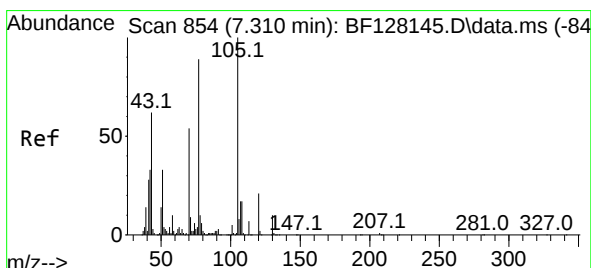
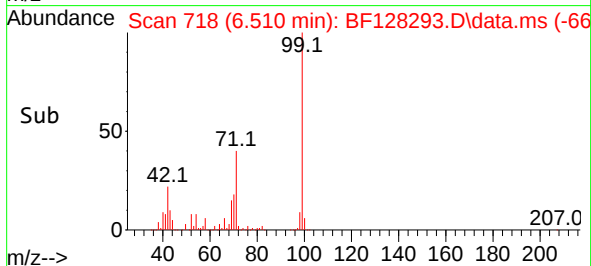
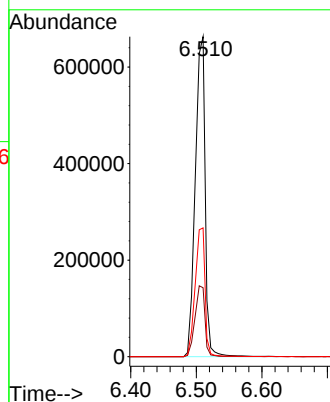
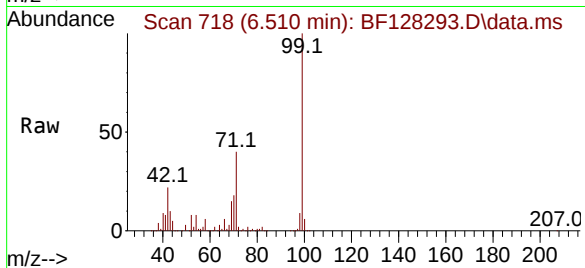
Instrument :

BNA_F

ClientSampleId :

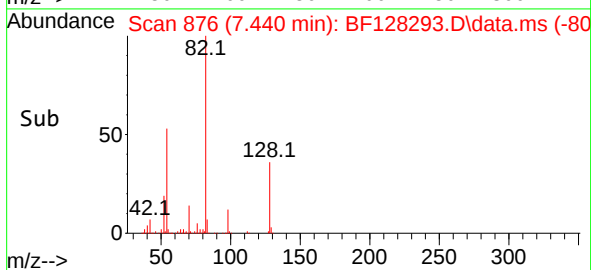
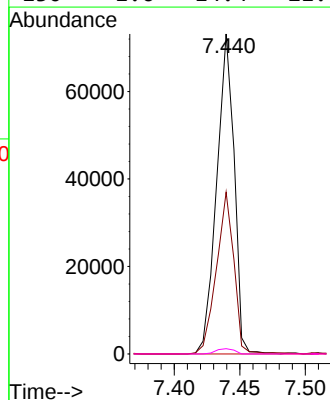
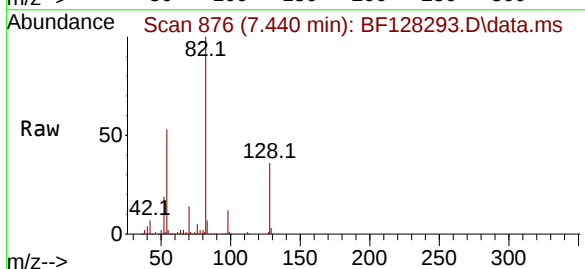
SLP-1

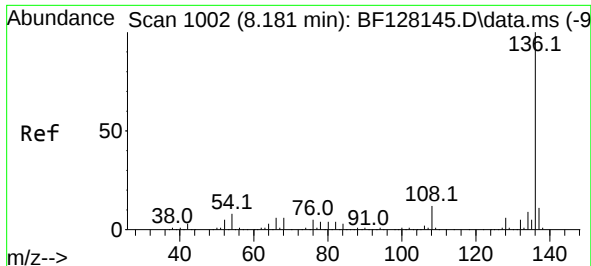
Tgt Ion: 99 Resp: 698171
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 40.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.391 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.141 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Tgt Ion: 70 Resp: 67755
Ion Ratio Lower Upper
70 100
42 50.5 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

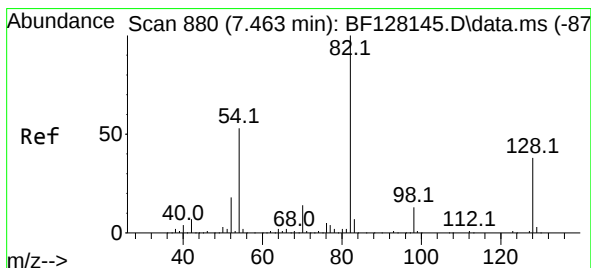
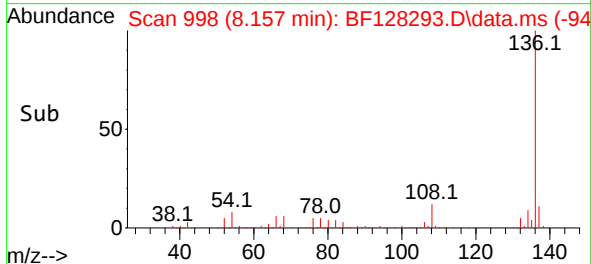
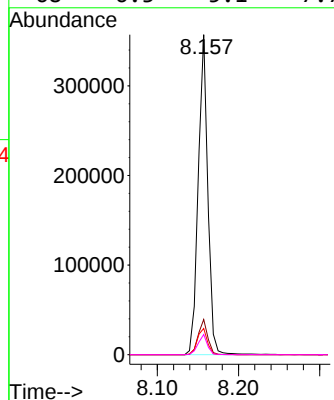
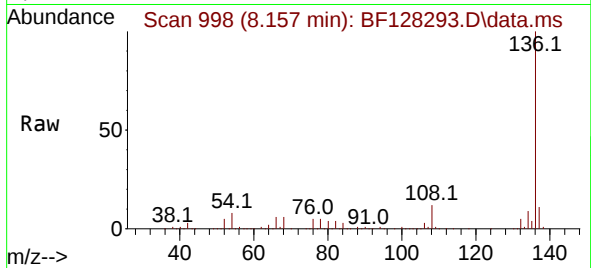




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

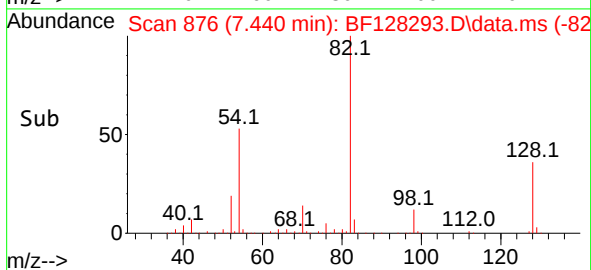
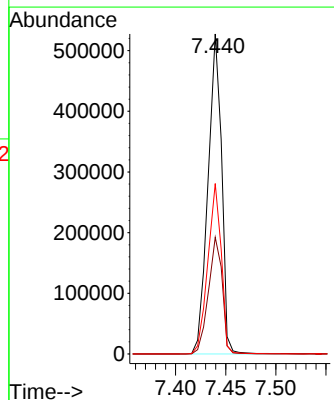
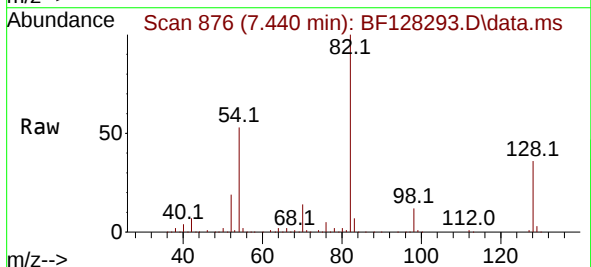
Instrument :
BNA_F
ClientSampleId :
SLP-1

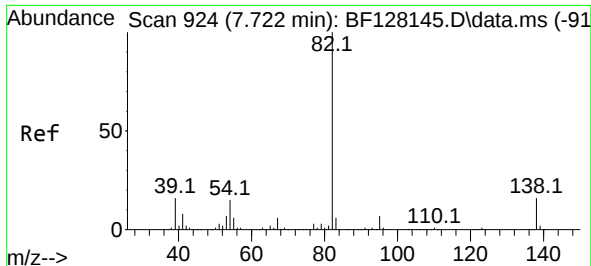
Tgt Ion:136 Resp: 294574
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.2 6.8 10.2
68 6.3 5.1 7.7



#23
Nitrobenzene-d5
Concen: 76.160 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Tgt Ion: 82 Resp: 498585
Ion Ratio Lower Upper
82 100
128 36.5 30.0 45.0
54 53.2 41.3 61.9

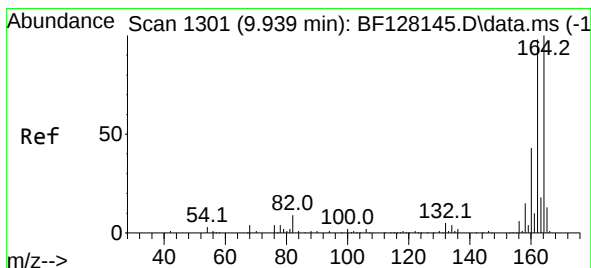
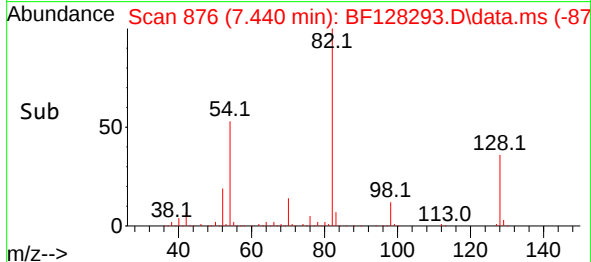
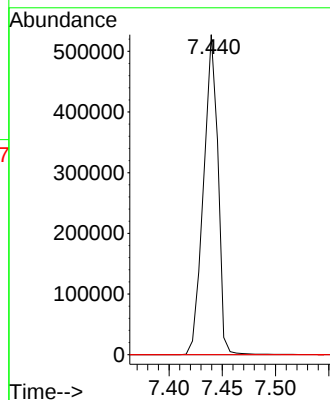
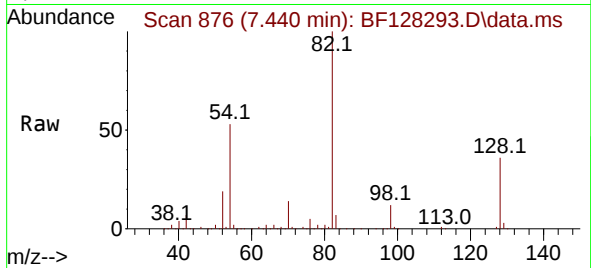




#25
Isophorone
Concen: 48.578 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

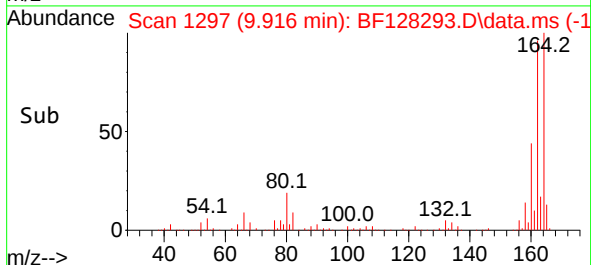
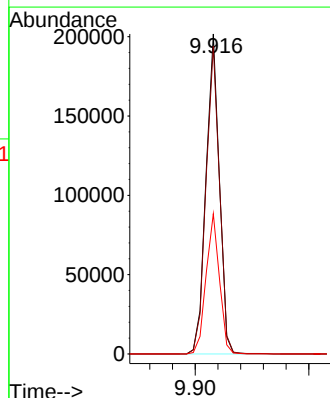
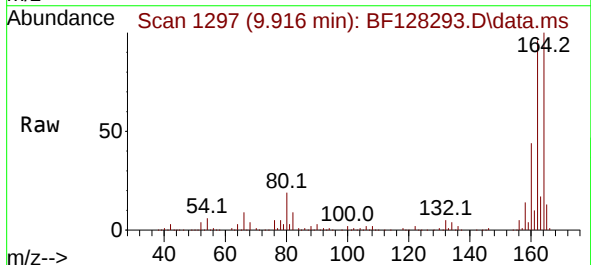
Instrument :
BNA_F
ClientSampleId :
SLP-1

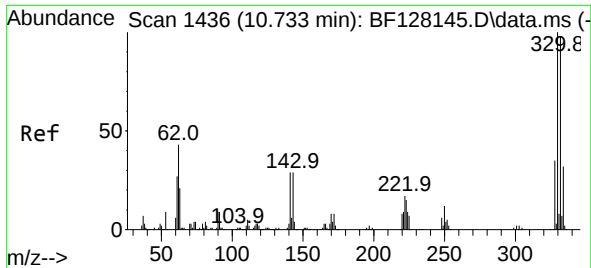
Tgt Ion: 82 Resp: 498575
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Tgt Ion:164 Resp: 164386
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 43.8 34.8 52.2

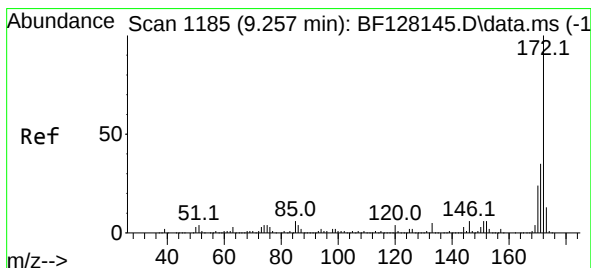
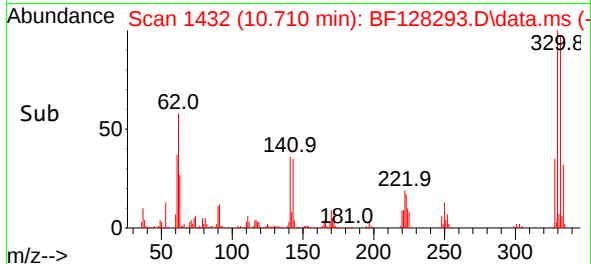
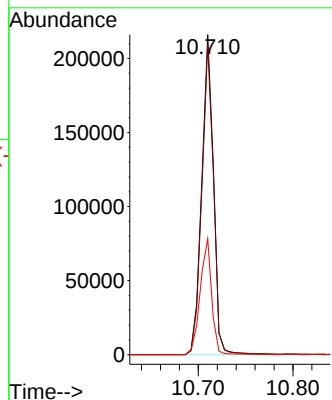
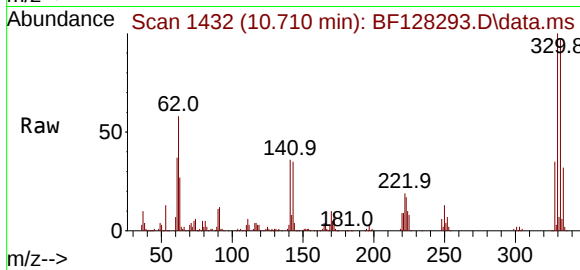




#42
2,4,6-Tribromophenol
Concen: 99.643 ng
RT: 10.710 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

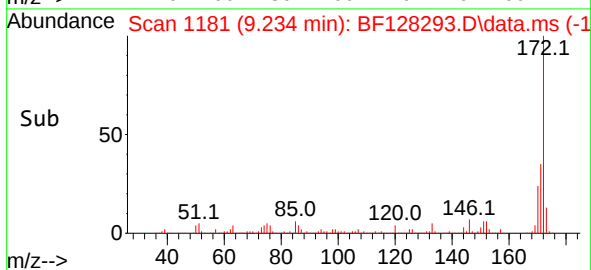
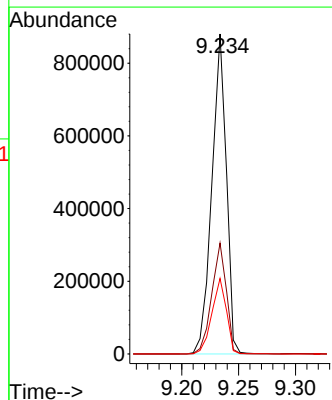
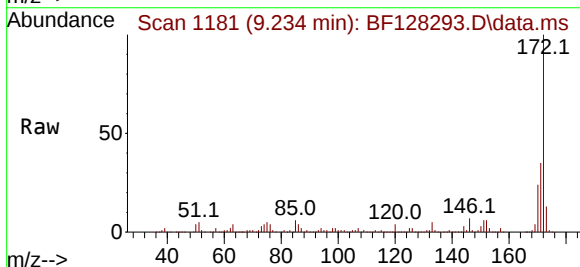
Instrument :
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ClientSampleId :
SLP-1

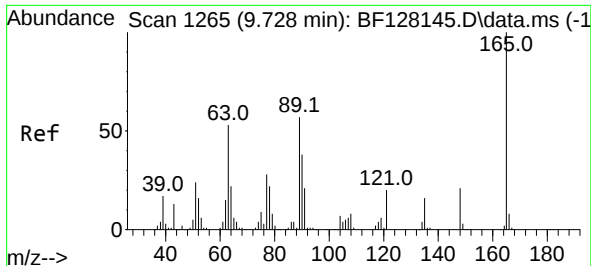
Tgt Ion:330 Resp: 187858
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.4
141 35.4 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 74.193 ng
RT: 9.234 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Tgt Ion:172 Resp: 779472
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.6 19.1 28.7

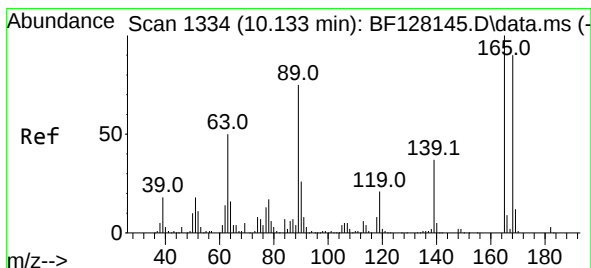
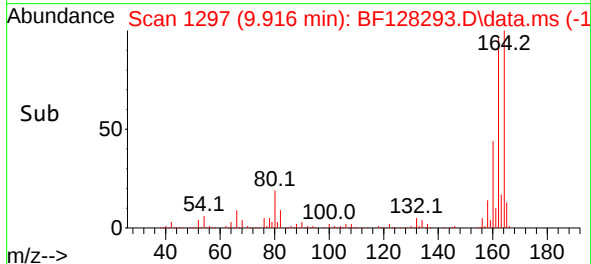
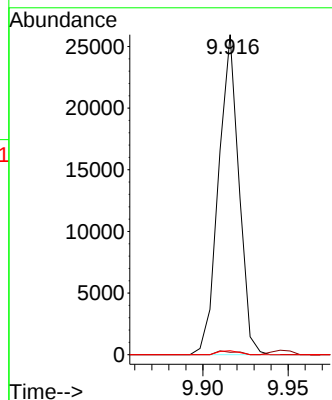
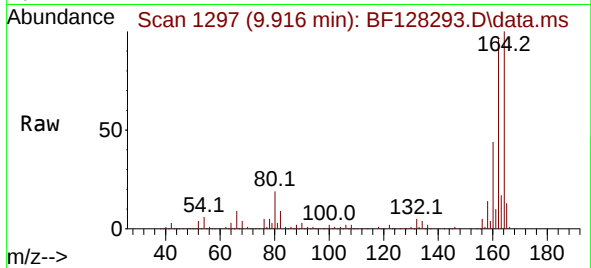




#51
2,6-Dinitrotoluene
Concen: 9.260 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

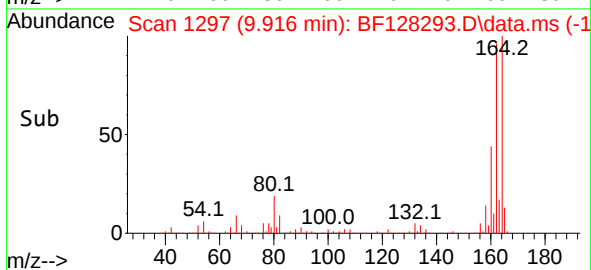
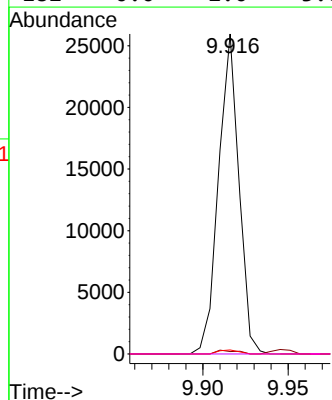
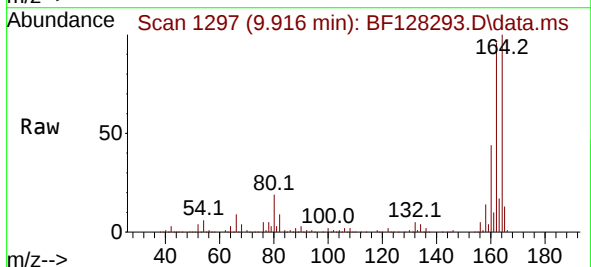
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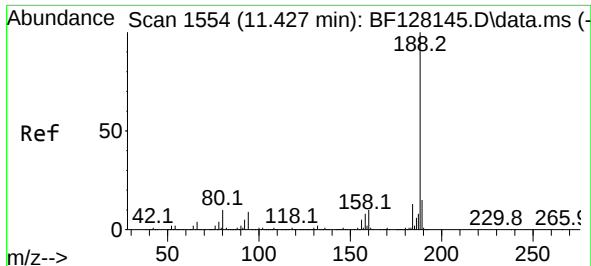
Tgt Ion:165 Resp: 21549
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.925 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.206 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Tgt Ion:165 Resp: 21549
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#

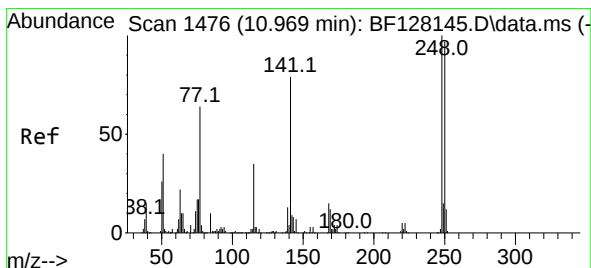
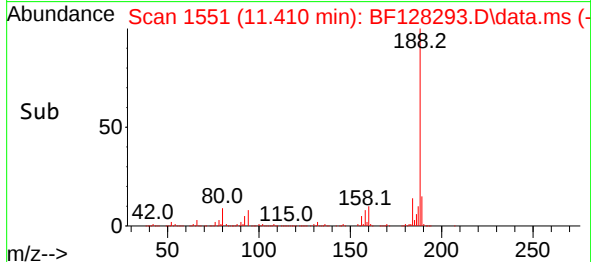
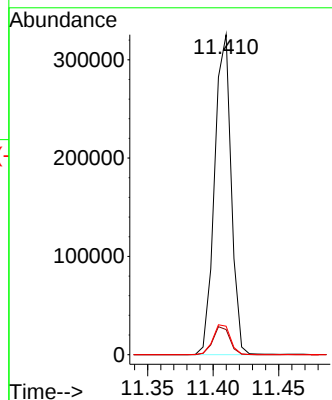
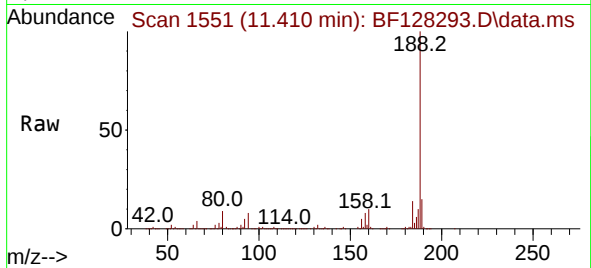




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

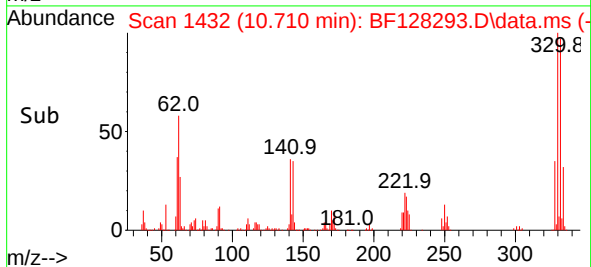
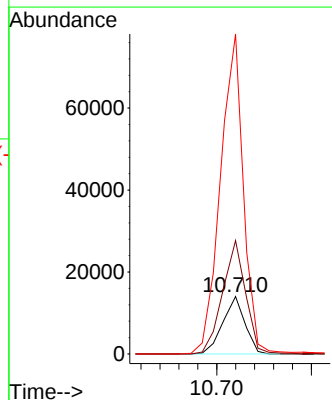
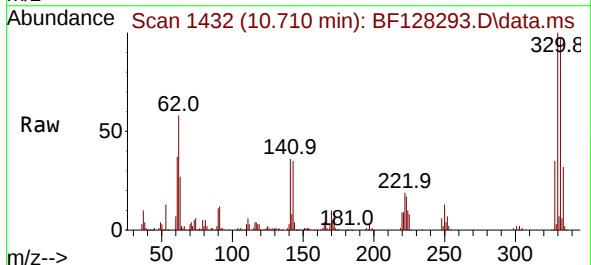
Instrument :
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ClientSampleId :
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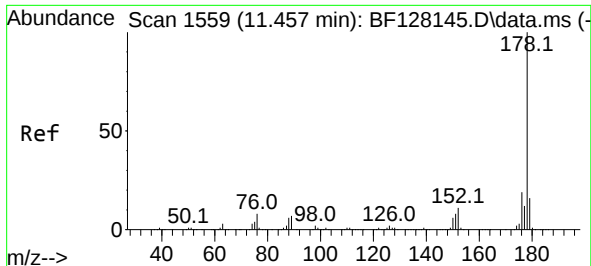
Tgt Ion:188 Resp: 286411
Ion Ratio Lower Upper
188 100
94 7.8 8.0 12.0#
80 8.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.696 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.247 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Tgt Ion:248 Resp: 11389
Ion Ratio Lower Upper
248 100
250 197.6 77.7 116.5#
141 557.5 65.6 98.4#

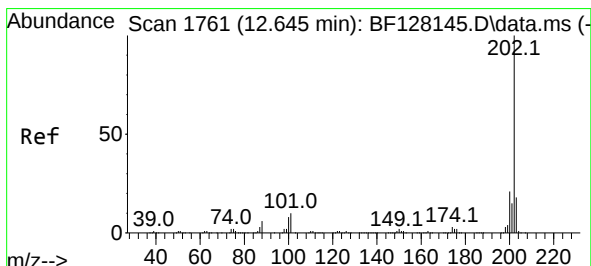
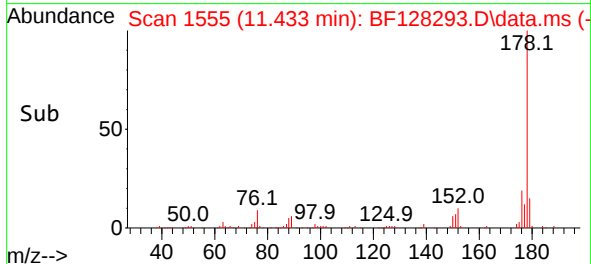
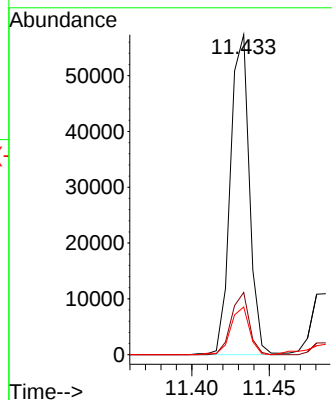
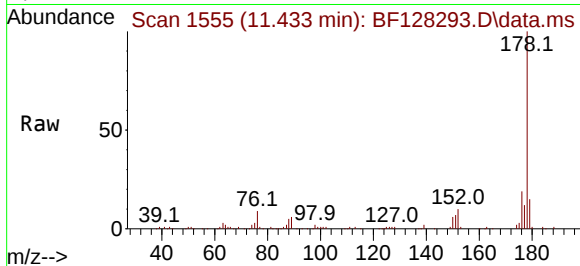




#71
Phenanthrene
Concen: 3.427 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

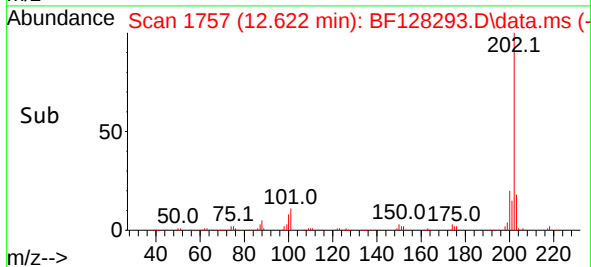
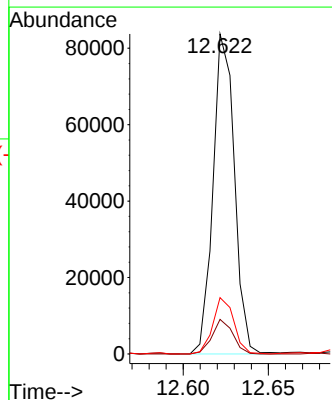
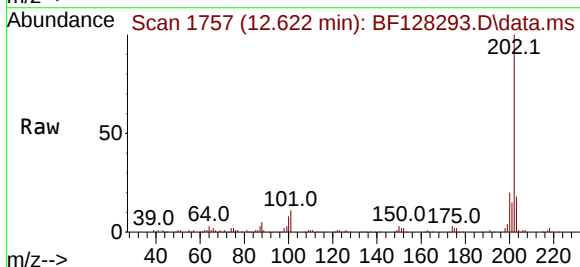
Instrument :
BNA_F
ClientSampleId :
SLP-1

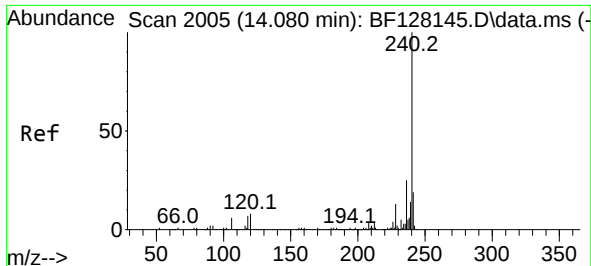
Tgt Ion:178 Resp: 48879
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 14.9 12.6 19.0



#75
Fluoranthene
Concen: 4.736 ng
RT: 12.622 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Tgt Ion:202 Resp: 73229
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.6
203 17.6 0.0 38.1

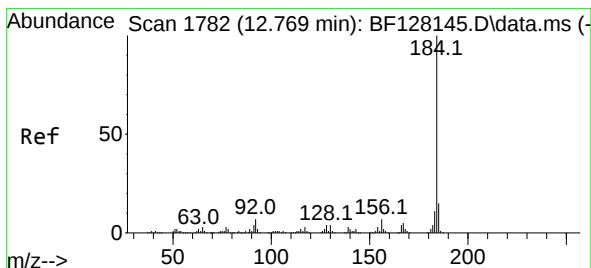
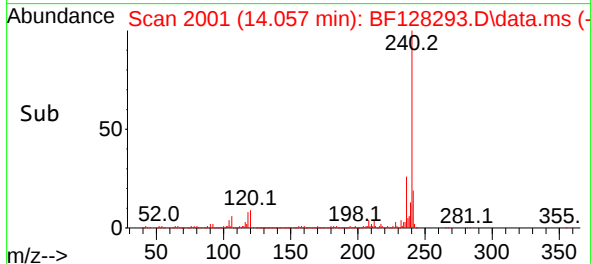
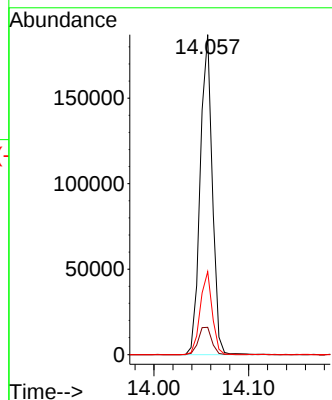
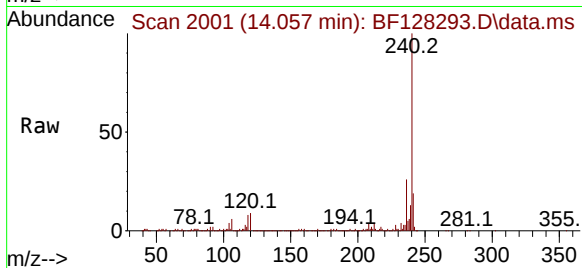




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

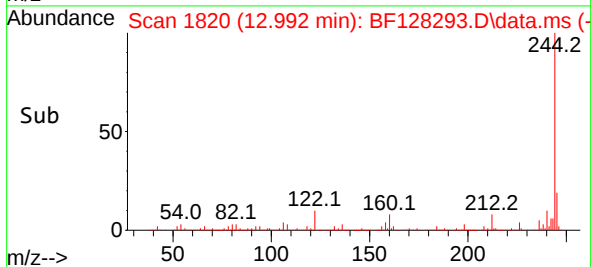
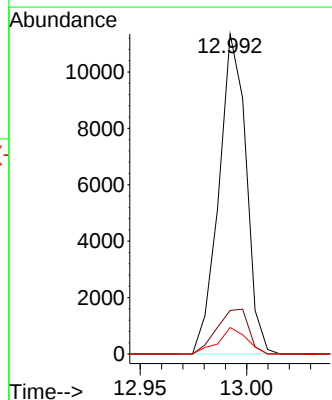
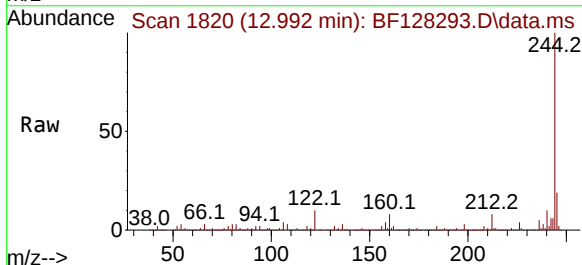
Instrument :
BNA_F
ClientSampleId :
SLP-1

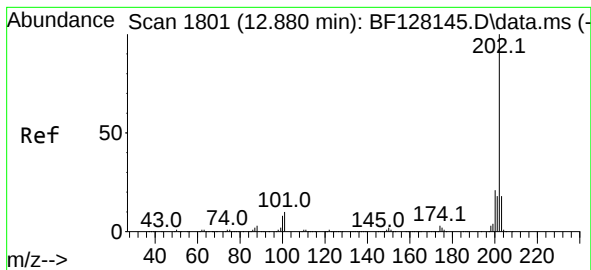
Tgt Ion:240 Resp: 166130
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 26.0 20.3 30.5



#77
Benzidine
Concen: 2.808 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.241 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Tgt Ion:184 Resp: 10102
Ion Ratio Lower Upper
184 100
185 13.6 12.1 18.1
183 8.3 9.0 13.4#





#78

Pyrene

Concen: 6.143 ng

RT: 12.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128293.D

Acq: 17 May 2022 16:14

Instrument :

BNA_F

ClientSampleId :

SLP-1

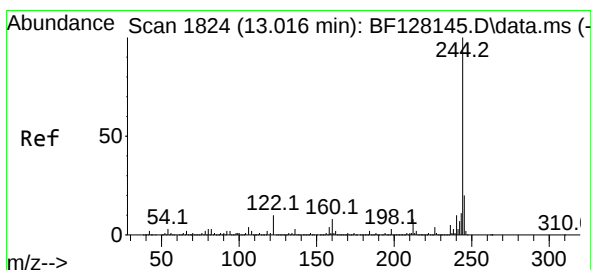
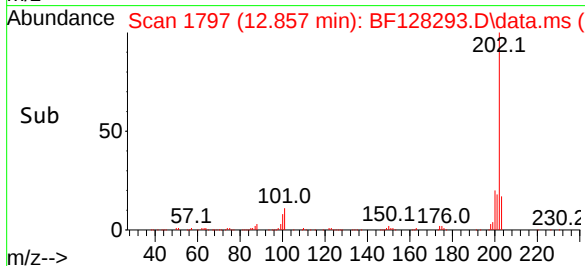
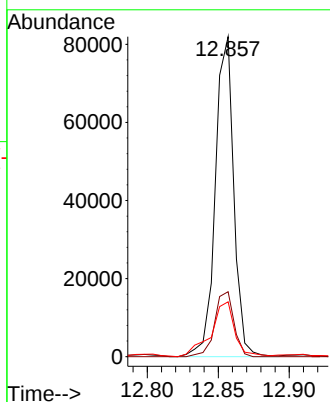
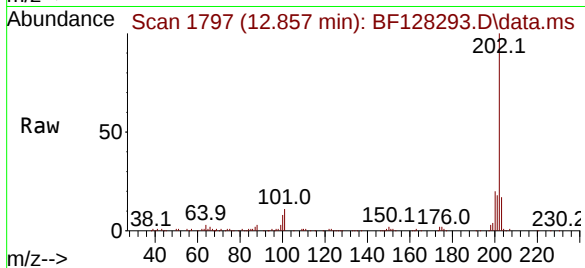
Tgt Ion:202 Resp: 74001

Ion Ratio Lower Upper

202 100

200 20.3 17.4 26.2

203 17.1 14.0 21.0



#79

Terphenyl-d14

Concen: 77.480 ng

RT: 12.992 min Scan# 1820

Delta R.T. -0.012 min

Lab File: BF128293.D

Acq: 17 May 2022 16:14

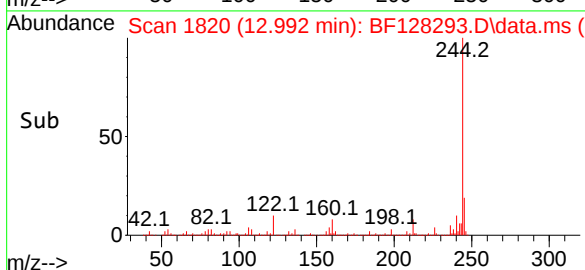
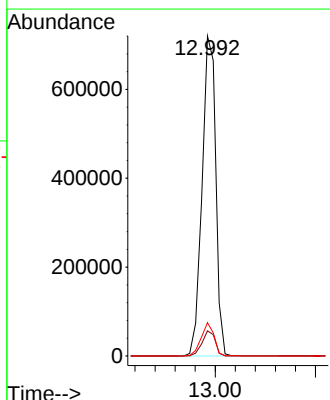
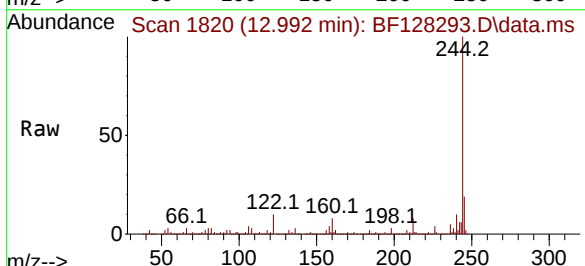
Tgt Ion:244 Resp: 685975

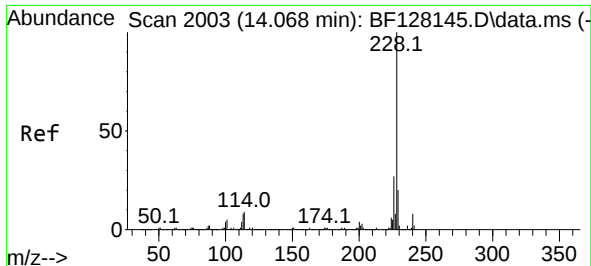
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

122 10.4 8.6 12.8

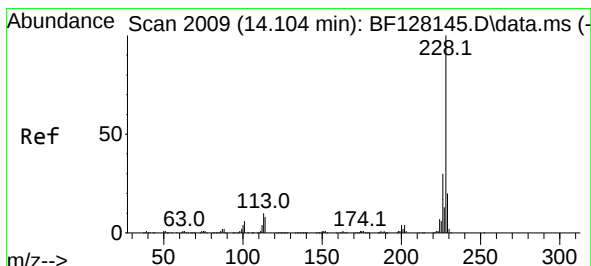
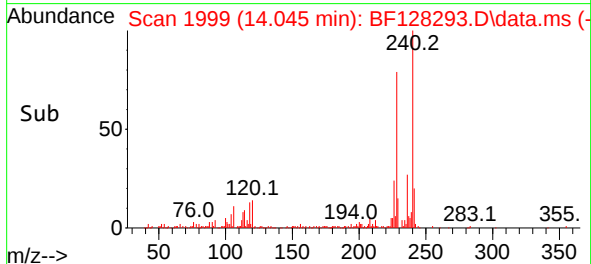
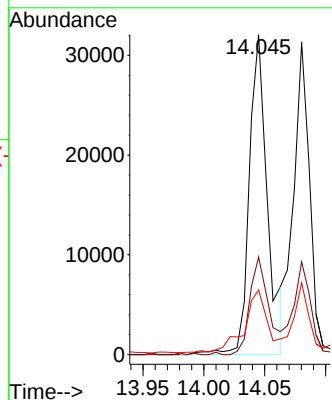
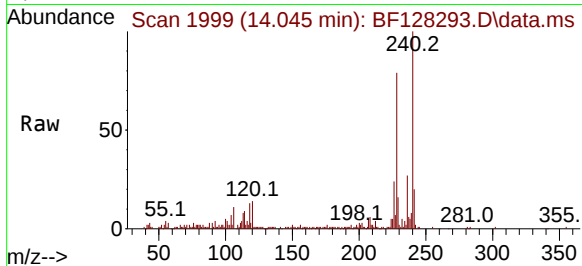




#81
Benzo(a)anthracene
Concen: 3.136 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

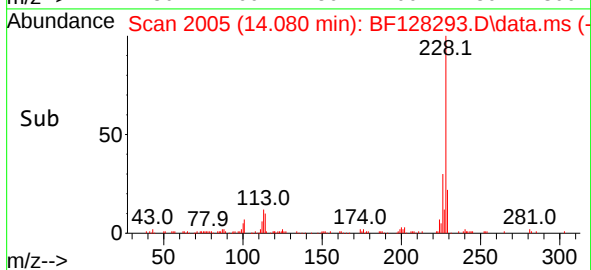
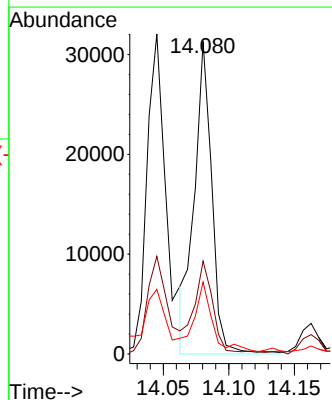
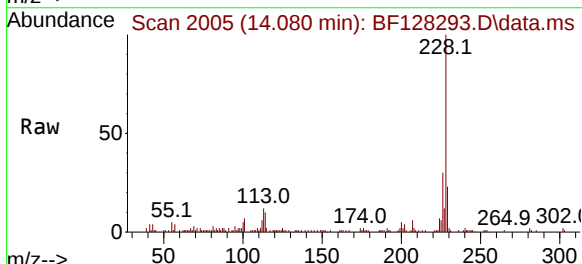
Instrument :
BNA_F
ClientSampleId :
SLP-1

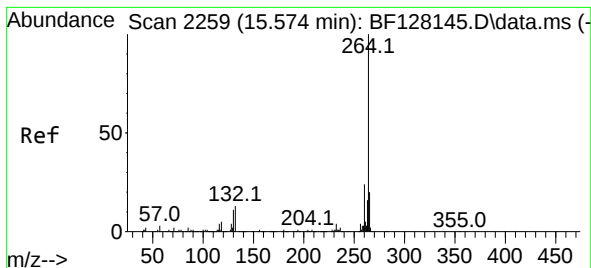
Tgt Ion:228 Resp: 33280
Ion Ratio Lower Upper
228 100
226 30.5 21.7 32.5
229 20.2 15.4 23.2



#83
Chrysene
Concen: 2.884 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Tgt Ion:228 Resp: 29203
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 23.0 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128293.D

Acq: 17 May 2022 16:14

Instrument :

BNA_F

ClientSampleId :

SLP-1

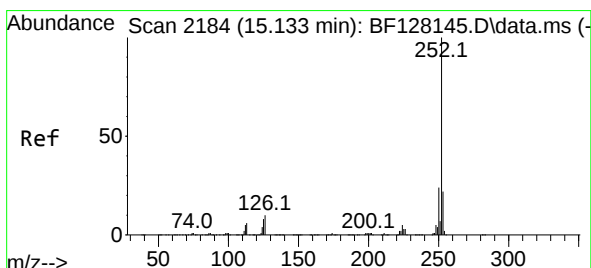
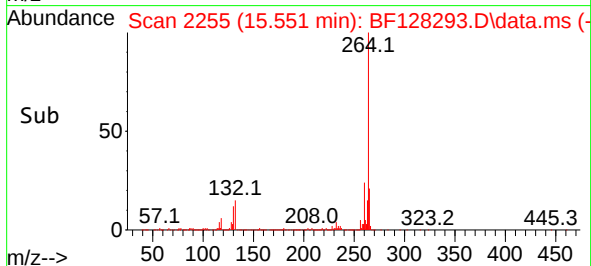
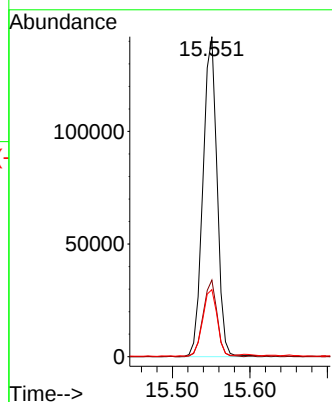
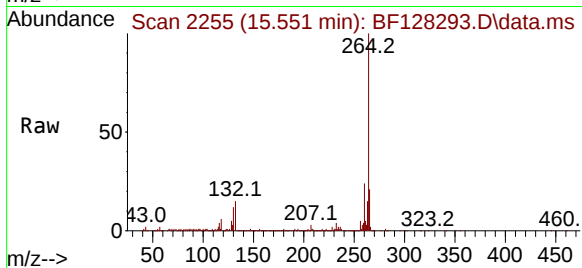
Tgt Ion:264 Resp: 180495

Ion Ratio Lower Upper

264 100

260 24.0 20.1 30.1

265 21.0 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 4.415 ng

RT: 15.110 min Scan# 2180

Delta R.T. -0.006 min

Lab File: BF128293.D

Acq: 17 May 2022 16:14

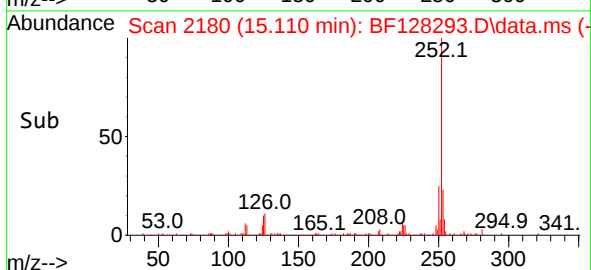
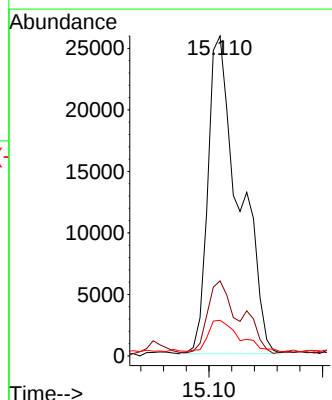
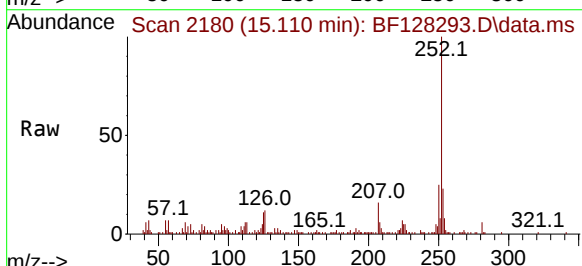
Tgt Ion:252 Resp: 49399

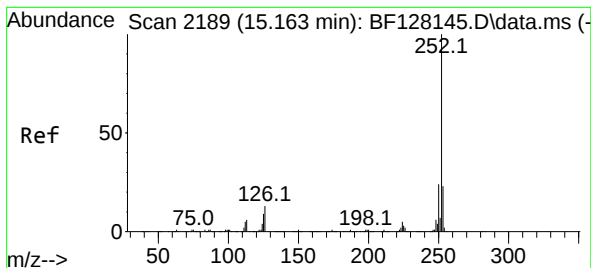
Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

125 11.1 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 4.473 ng

RT: 15.110 min Scan# 2189

Delta R.T. -0.041 min

Lab File: BF128293.D

Acq: 17 May 2022 16:14

Instrument :

BNA_F

ClientSampleId :

SLP-1

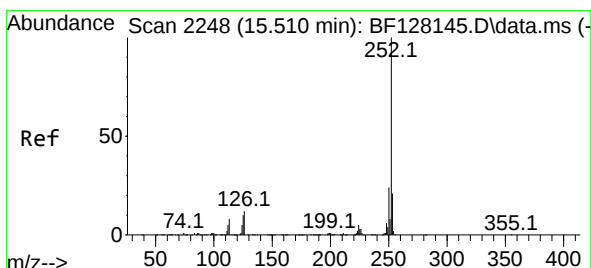
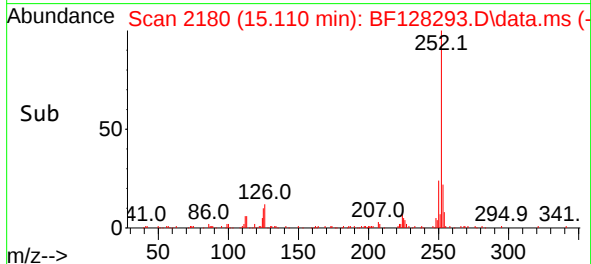
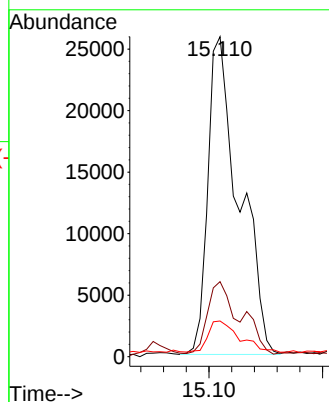
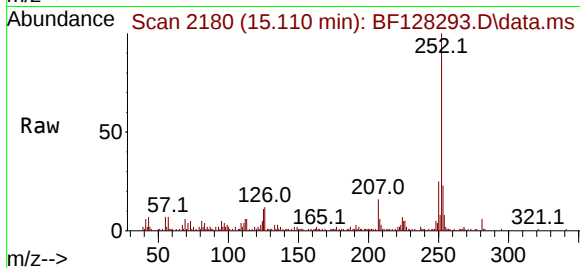
Tgt Ion:252 Resp: 49399

Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.4

125 11.1 6.8 10.2#



#90

Benzo(a)pyrene

Concen: 3.321 ng

RT: 15.480 min Scan# 2243

Delta R.T. -0.012 min

Lab File: BF128293.D

Acq: 17 May 2022 16:14

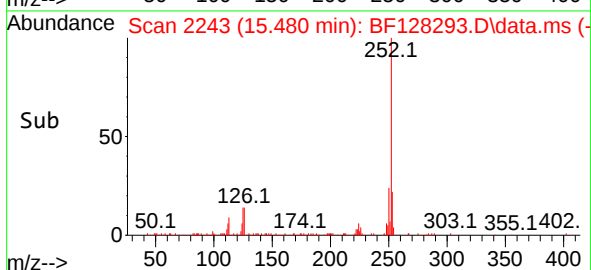
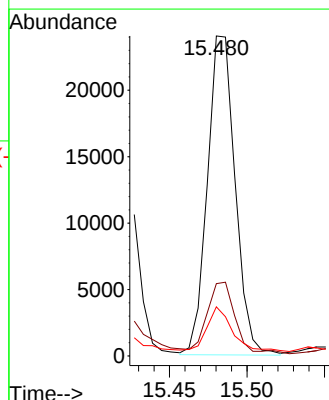
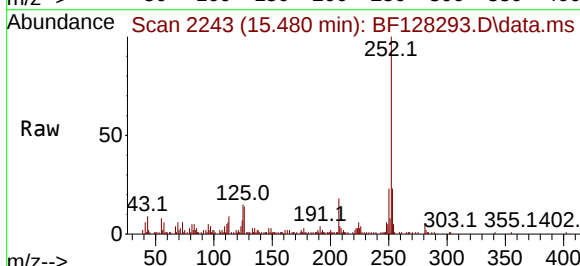
Tgt Ion:252 Resp: 29998

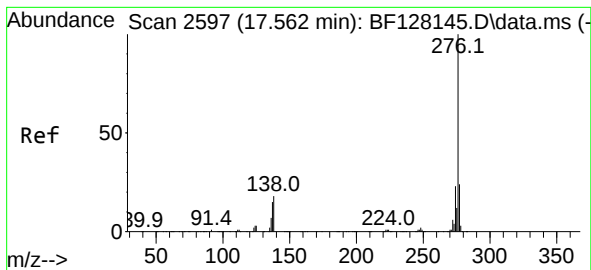
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 15.4 9.2 13.8#





#92

Benzo(g,h,i)perylene

Concen: 2.313 ng

RT: 17.521 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF128293.D

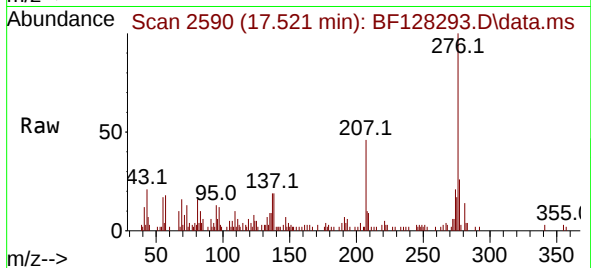
Acq: 17 May 2022 16:14

Instrument :

BNA_F

ClientSampleId :

SLP-1



Tgt Ion:276 Resp: 20700

Ion Ratio Lower Upper

276 100

277 26.4 18.8 28.2

138 18.7 16.2 24.2

