

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128327.D
 Acq On : 18 May 2022 22:53
 Operator : CG\JU
 Sample : N2900-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-051722

Quant Time: May 19 06:51:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

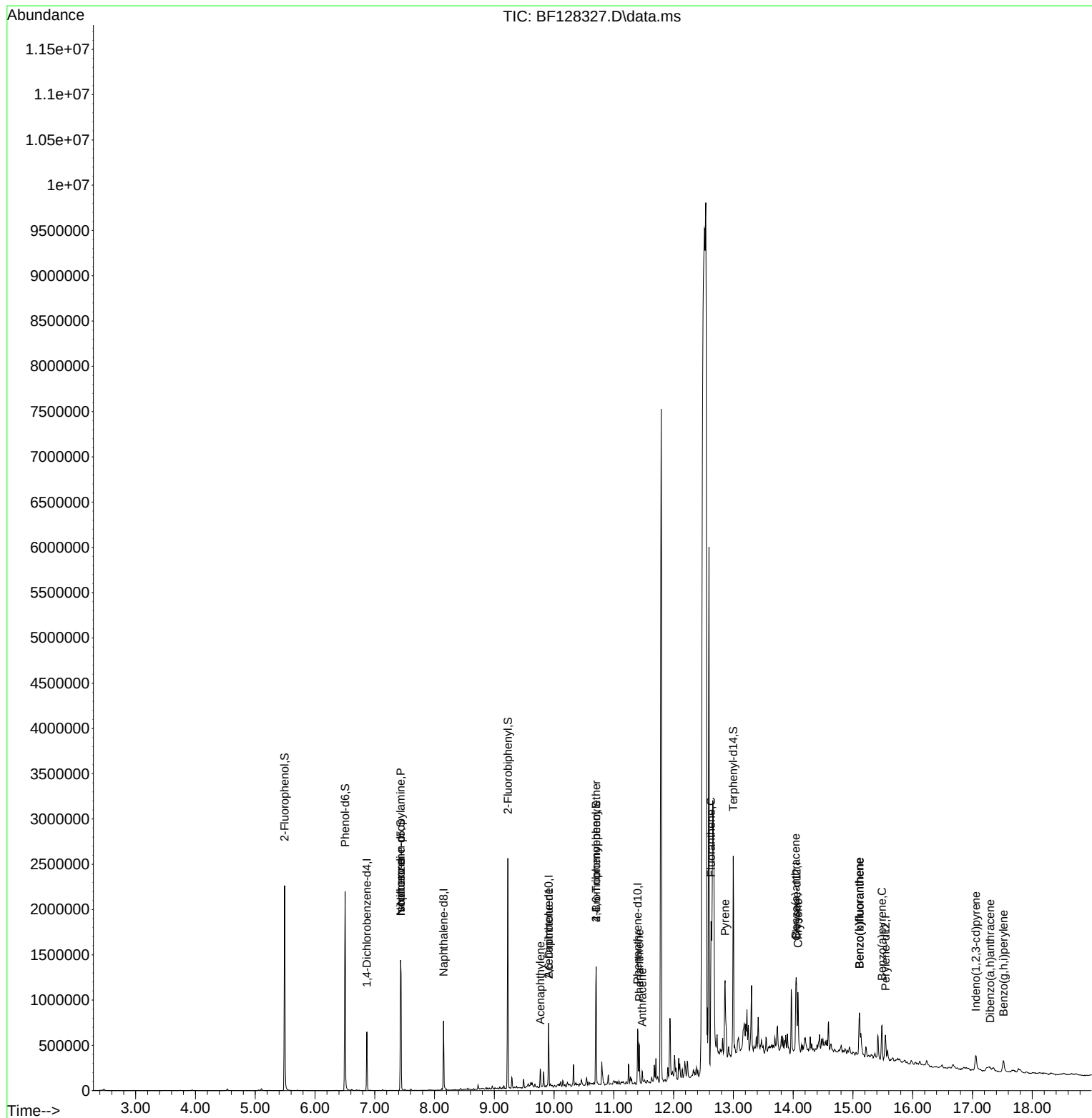
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81861	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	286774	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	134039	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	225946	20.000	ng	0.00
76) Chrysene-d12	14.057	240	176492	20.000	ng	0.00
86) Perylene-d12	15.545	264	120340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	549678	107.043	ng	0.00
7) Phenol-d6	6.504	99	702519	103.433	ng	0.00
23) Nitrobenzene-d5	7.434	82	494847	77.645	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	146368	95.213	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	689513	80.490	ng	0.00
79) Terphenyl-d14	12.998	244	712770	75.780	ng	0.00
Target Compounds						
9) Benzaldehyde	6.434	77	62	Below Cal	Qvalue	# 28
19) n-Nitroso-di-n-propyla...	7.434	70	67134	16.050	ng	# 80
25) Isophorone	7.434	82	494841	49.525	ng	# 68
49) Acenaphthylene	9.769	152	81308	7.433	ng	100
51) 2,6-Dinitrotoluene	9.910	165	19119	10.076	ng	# 22
67) 4-Bromophenyl-phenylether	10.704	248	9032	3.716	ng	# 1
71) Phenanthrene	11.427	178	159332	14.162	ng	98
72) Anthracene	11.475	178	55699	4.959	ng	99
75) Fluoranthene	12.627	202	369487	30.292	ng	98
78) Pyrene	12.863	202	430278	33.623	ng	99
81) Benzo(a)anthracene	14.045	228	267906	23.765	ng	93
83) Chrysene	14.080	228	252572	23.481	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	115334	15.843	ng	94
88) Benzo(b)fluoranthene	15.110	252	354717	47.550	ng	98
89) Benzo(k)fluoranthene	15.110	252	354717	48.171	ng	96
90) Benzo(a)pyrene	15.486	252	176464	29.301	ng	97
91) Dibenzo(a,h)anthracene	17.298	278	17817	3.023	ng	94
92) Benzo(g,h,i)perylene	17.521	276	107740	18.055	ng	95

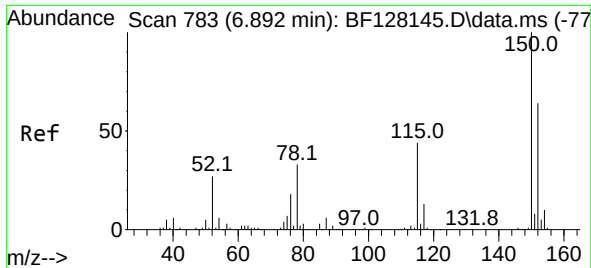
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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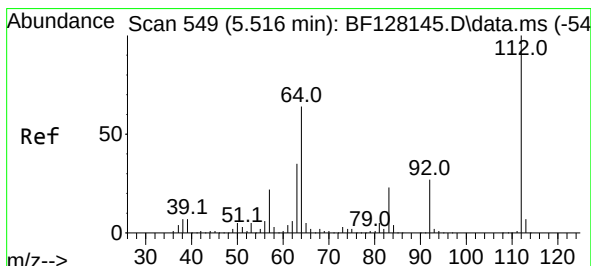
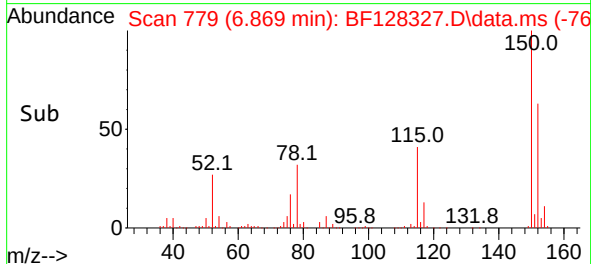
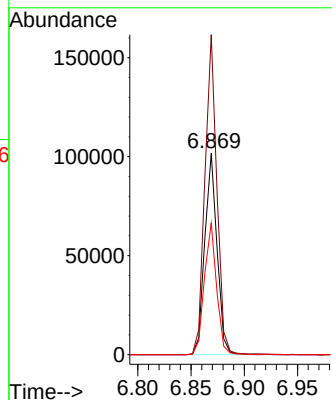
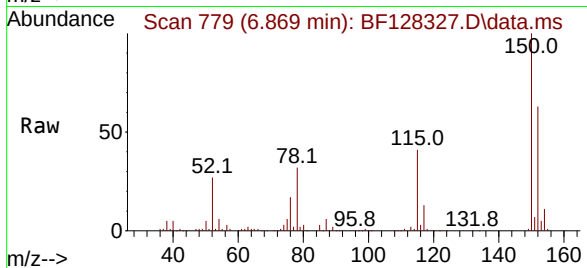




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

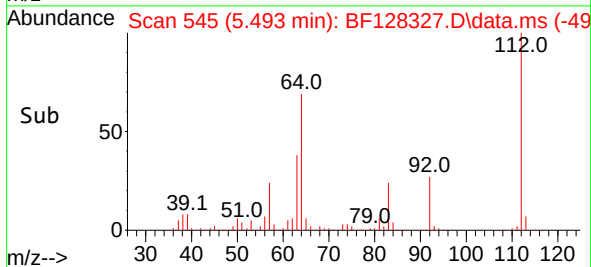
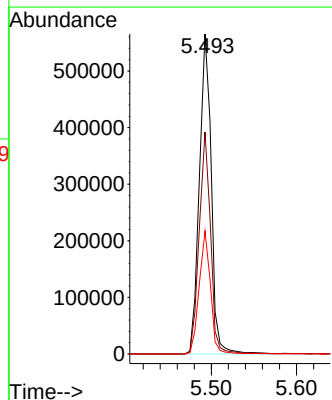
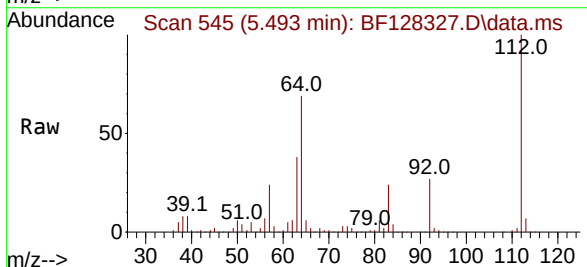
Instrument :
BNA_F
ClientSampleId :
SU-02-051722

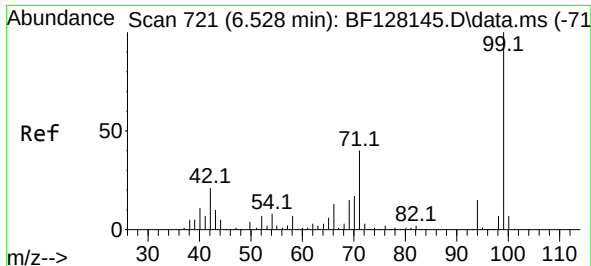
Tgt Ion:152 Resp: 81861
Ion Ratio Lower Upper
152 100
150 158.9 125.3 187.9
115 65.3 48.8 73.2



#5
2-Fluorophenol
Concen: 107.043 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Tgt Ion:112 Resp: 549678
Ion Ratio Lower Upper
112 100
64 69.3 49.5 74.3
63 38.4 26.3 39.5

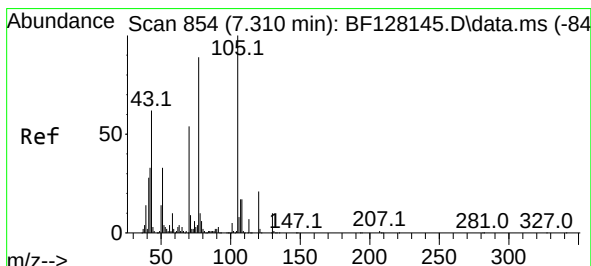
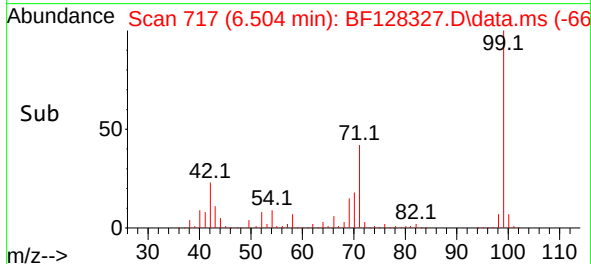
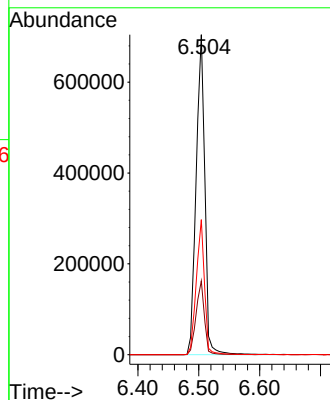
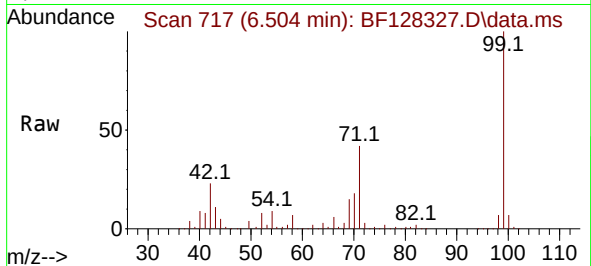




#7
Phenol-d6
Concen: 103.433 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

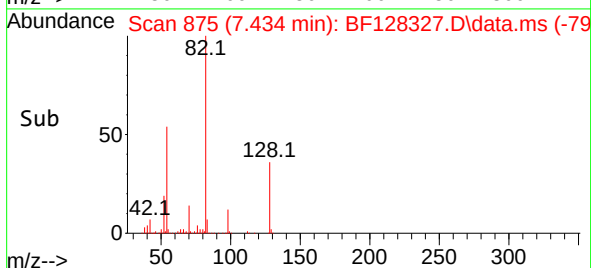
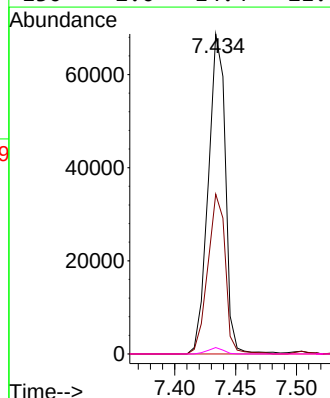
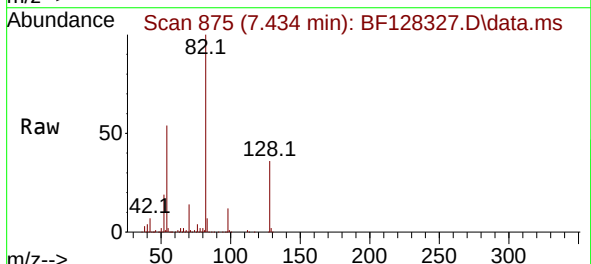
Instrument :
BNA_F
ClientSampleId :
SU-02-051722

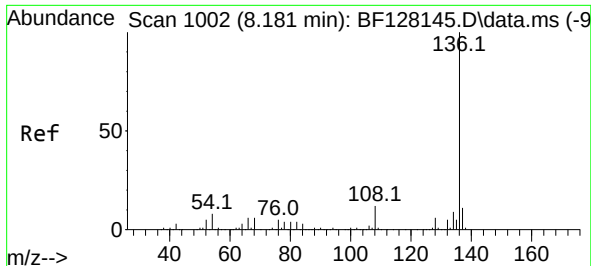
Tgt Ion: 99 Resp: 702519
Ion Ratio Lower Upper
99 100
42 23.1 16.6 24.8
71 42.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.050 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Tgt Ion: 70 Resp: 67134
Ion Ratio Lower Upper
70 100
42 49.9 48.7 73.1
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#



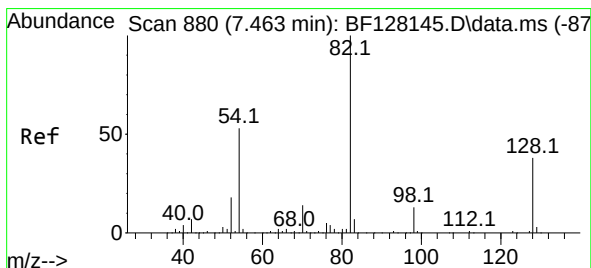
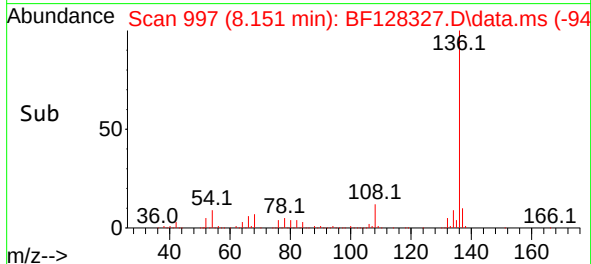
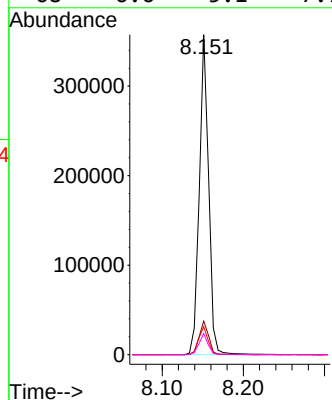
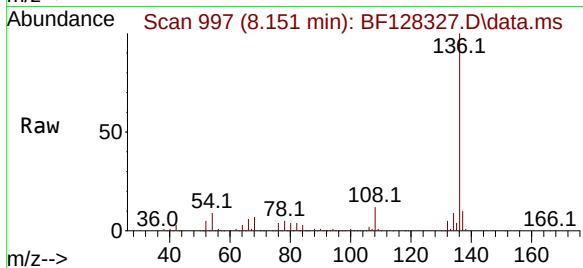


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Instrument :
BNA_F
ClientSampleId :
SU-02-051722

Tgt Ion:136 Resp: 286774

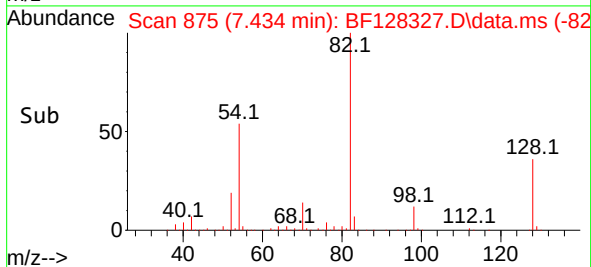
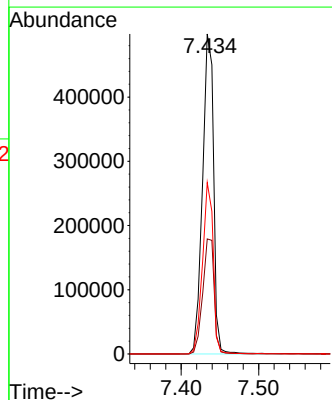
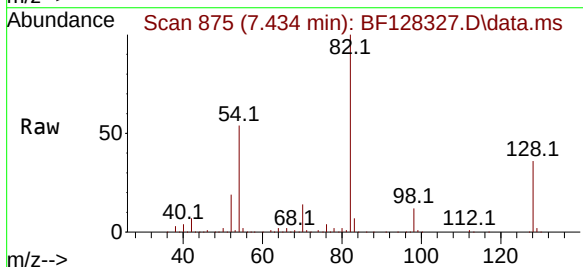
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.7	6.8	10.2
68	6.6	5.1	7.7

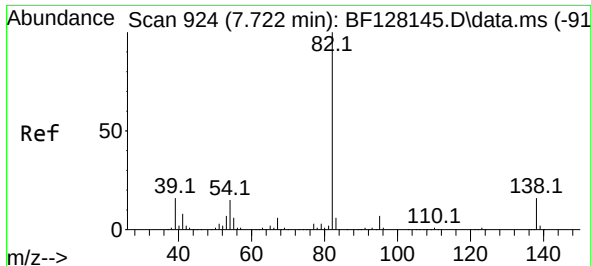


#23
Nitrobenzene-d5
Concen: 77.645 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Tgt Ion: 82 Resp: 494847

Ion	Ratio	Lower	Upper
82	100		
128	35.9	30.0	45.0
54	53.5	41.3	61.9

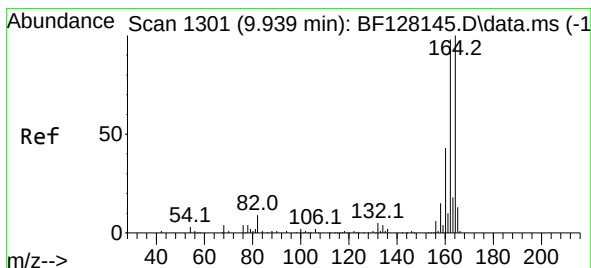
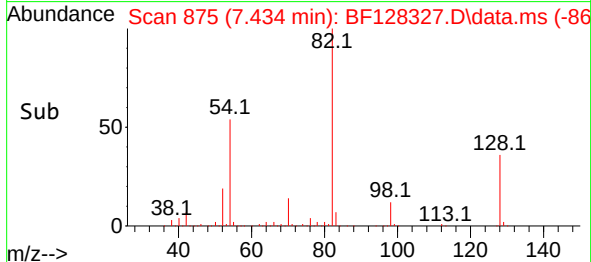
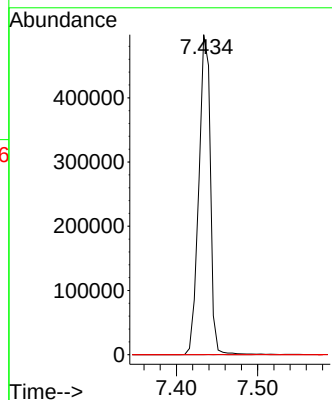
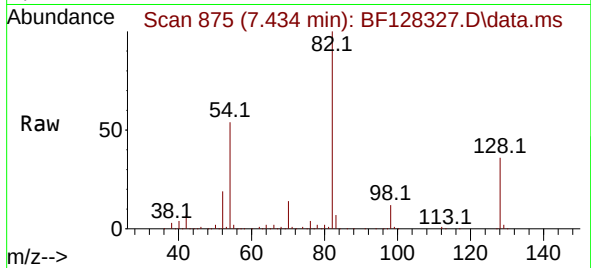




#25
Isophorone
Concen: 49.525 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

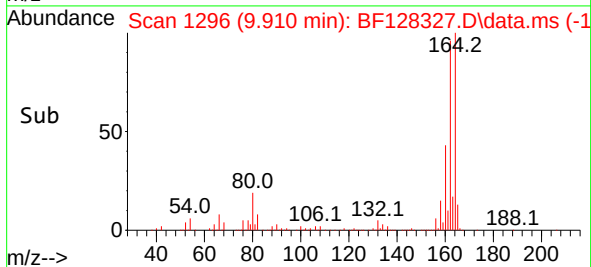
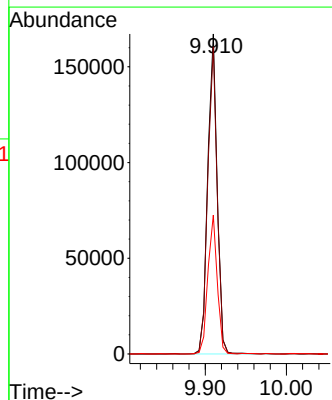
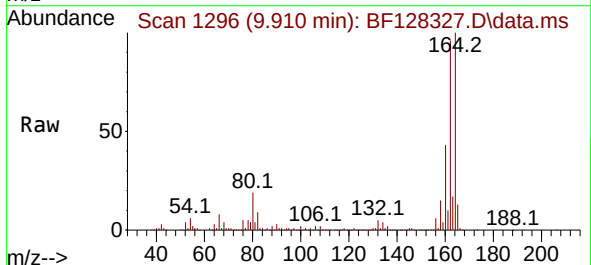
Instrument :
BNA_F
ClientSampleId :
SU-02-051722

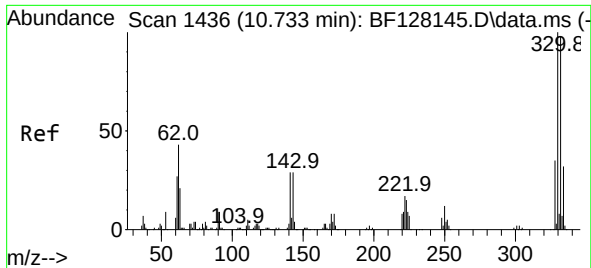
Tgt Ion: 82 Resp: 494841
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Tgt Ion:164 Resp: 134039
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 43.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 95.213 ng

RT: 10.704 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF128327.D

Acq: 18 May 2022 22:53

Instrument :

BNA_F

ClientSampleId :

SU-02-051722

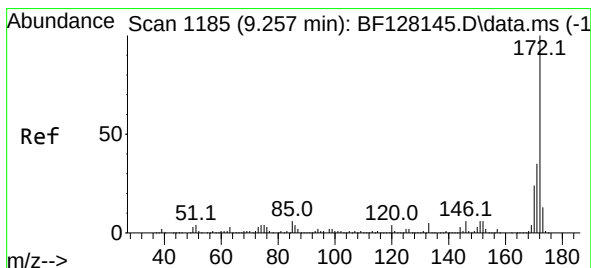
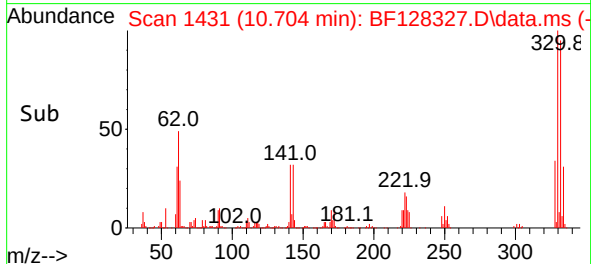
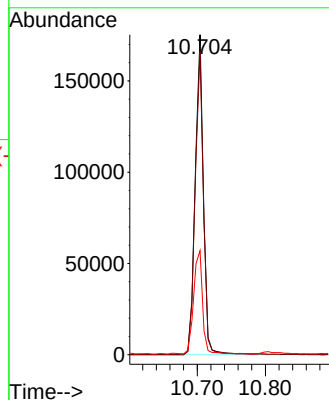
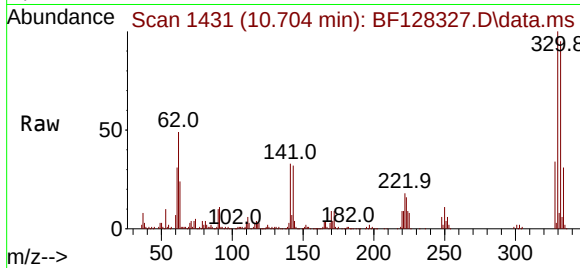
Tgt Ion:330 Resp: 146368

Ion Ratio Lower Upper

330 100

332 95.2 79.0 118.4

141 34.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 80.490 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF128327.D

Acq: 18 May 2022 22:53

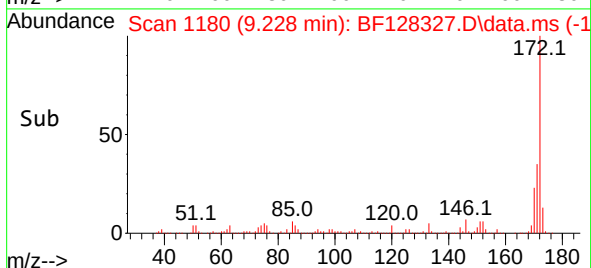
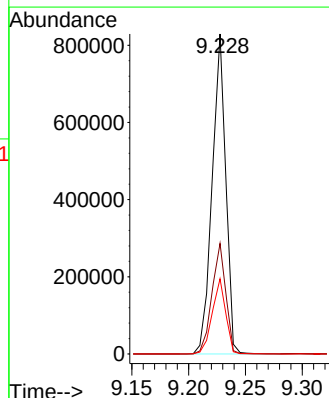
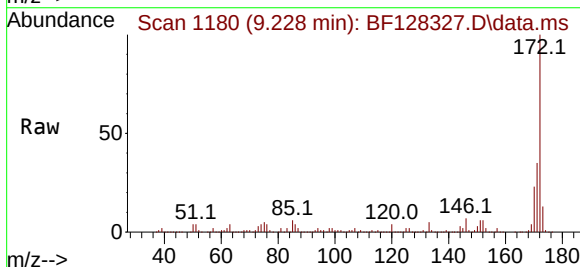
Tgt Ion:172 Resp: 689513

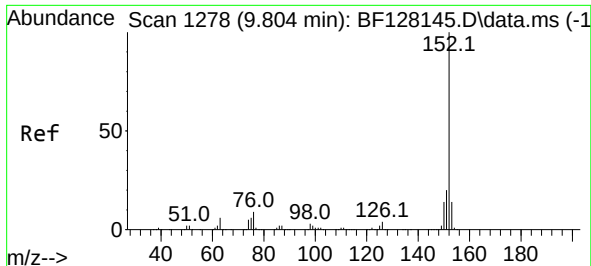
Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

170 23.5 19.1 28.7





#49

Acenaphthylene

Concen: 7.433 ng

RT: 9.769 min Scan# 1272

Delta R.T. -0.012 min

Lab File: BF128327.D

Acq: 18 May 2022 22:53

Instrument :

BNA_F

ClientSampleId :

SU-02-051722

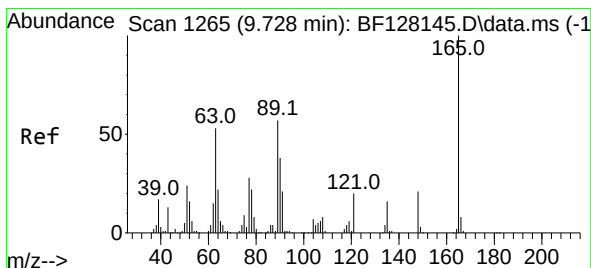
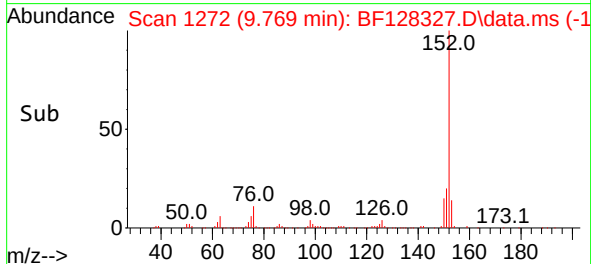
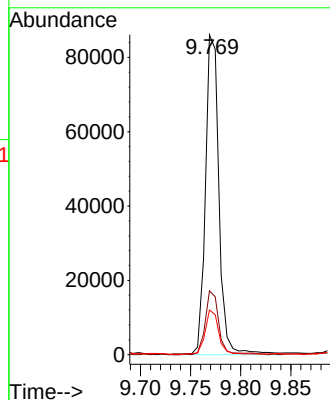
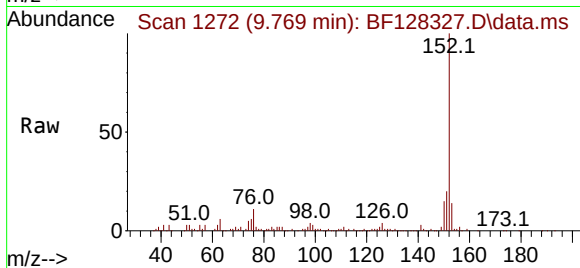
Tgt Ion:152 Resp: 81308

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 14.0 11.2 16.8



#51

2,6-Dinitrotoluene

Concen: 10.076 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.206 min

Lab File: BF128327.D

Acq: 18 May 2022 22:53

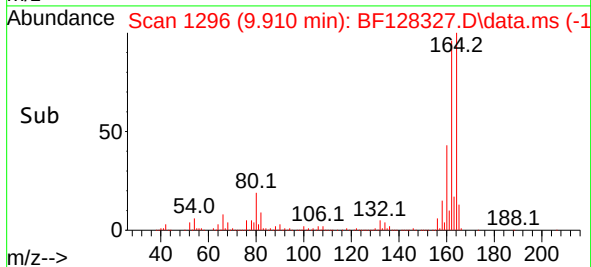
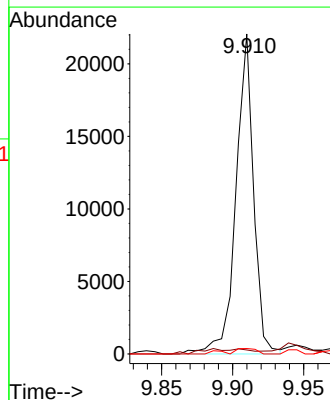
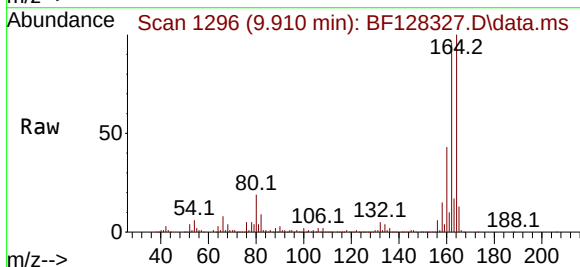
Tgt Ion:165 Resp: 19119

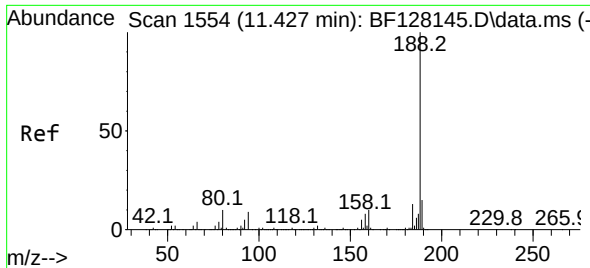
Ion Ratio Lower Upper

165 100

63 1.3 49.5 74.3#

89 1.7 49.0 73.4#

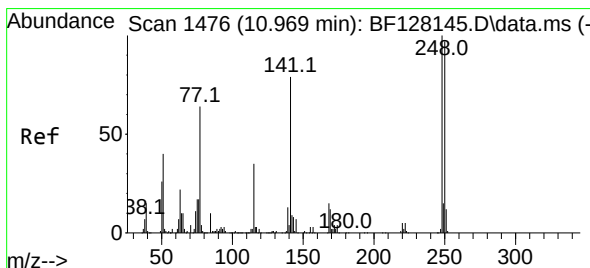
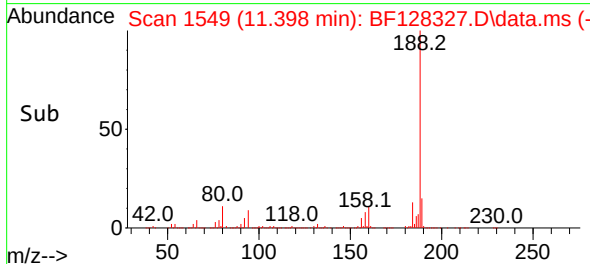
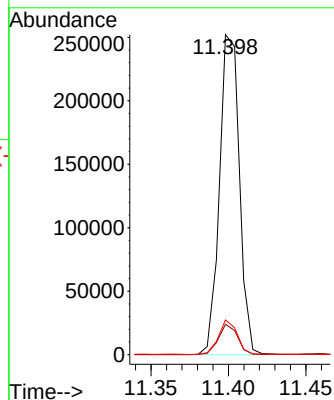
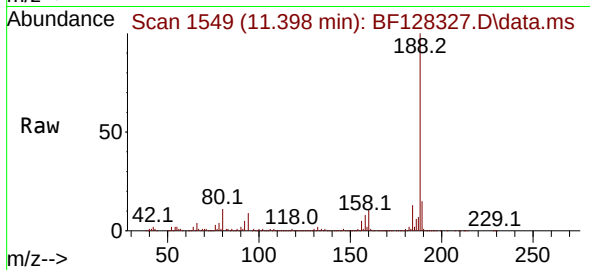




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

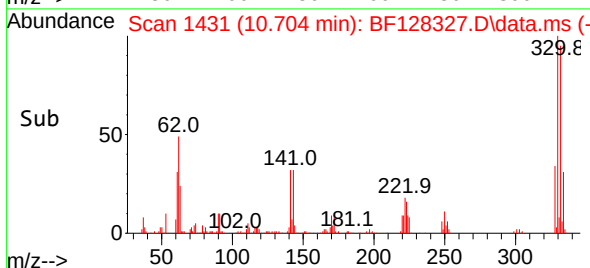
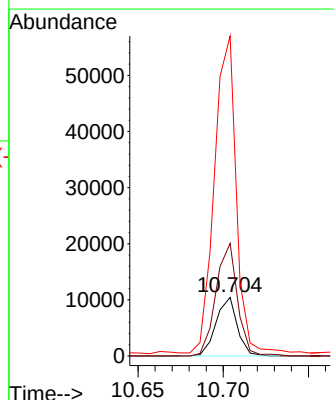
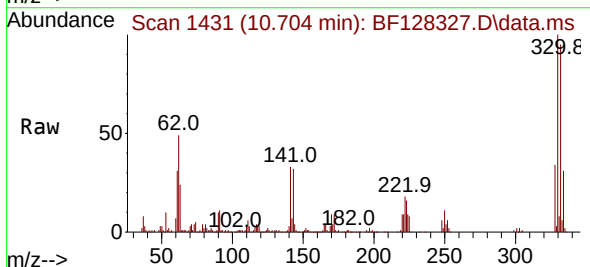
Instrument :
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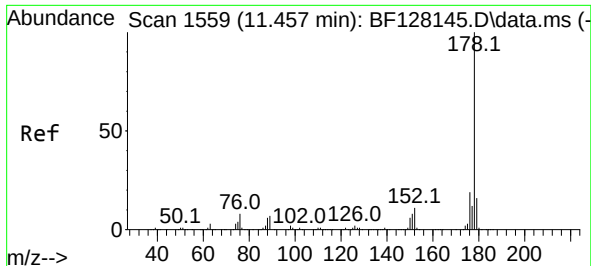
Tgt Ion:188 Resp: 225946
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.716 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Tgt Ion:248 Resp: 9032
Ion Ratio Lower Upper
248 100
250 192.4 77.7 116.5#
141 546.2 65.6 98.4#

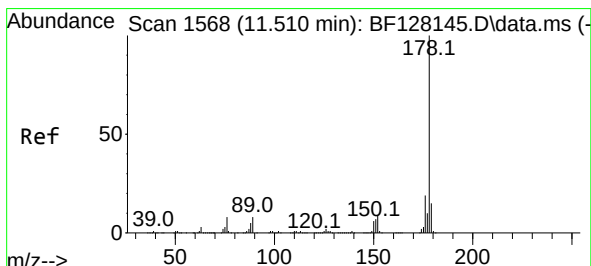
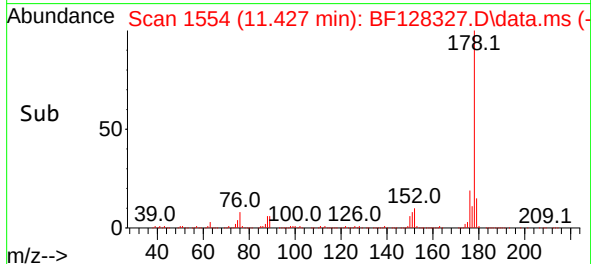
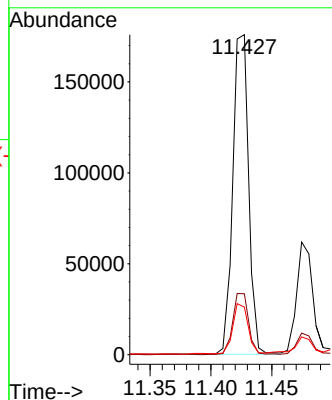
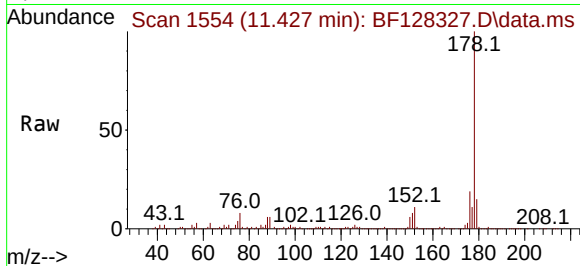




#71
Phenanthrene
Concen: 14.162 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

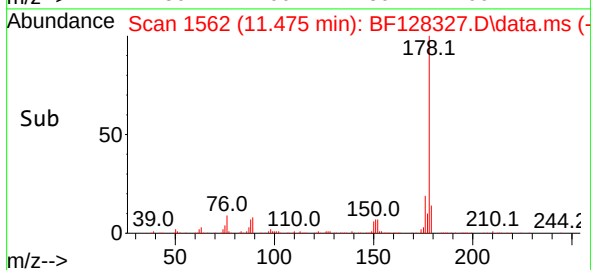
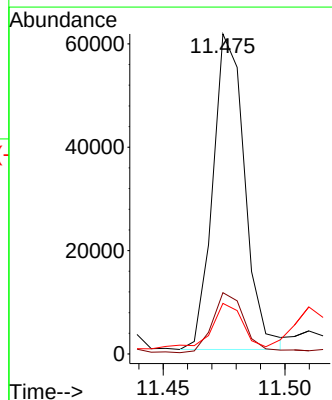
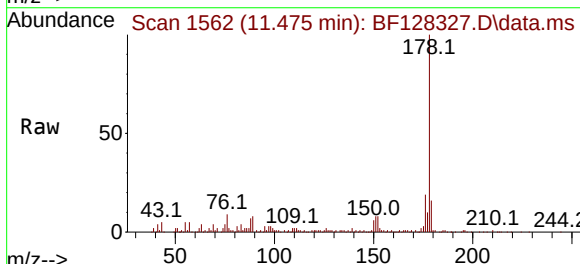
Instrument :
BNA_F
ClientSampleId :
SU-02-051722

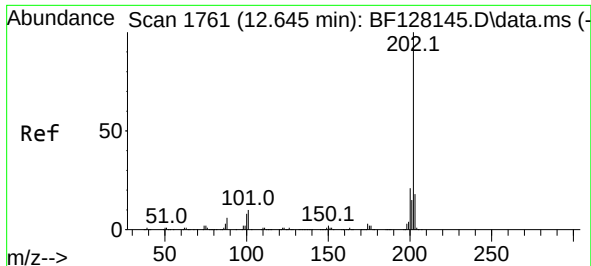
Tgt Ion:178 Resp: 159332
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 14.9 12.6 19.0



#72
Anthracene
Concen: 4.959 ng
RT: 11.475 min Scan# 1562
Delta R.T. -0.012 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Tgt Ion:178 Resp: 55699
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.8 12.4 18.6

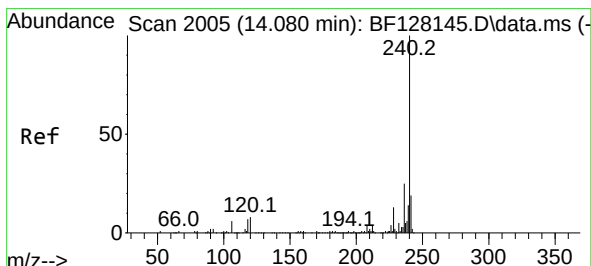
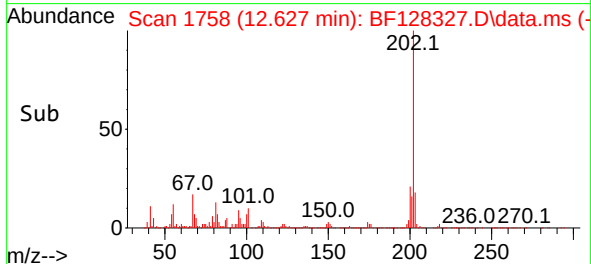
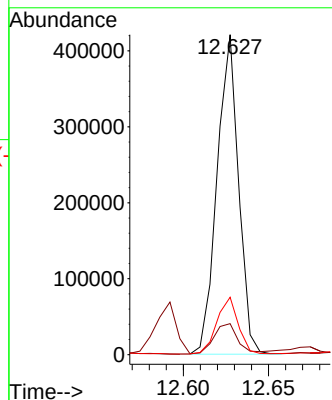
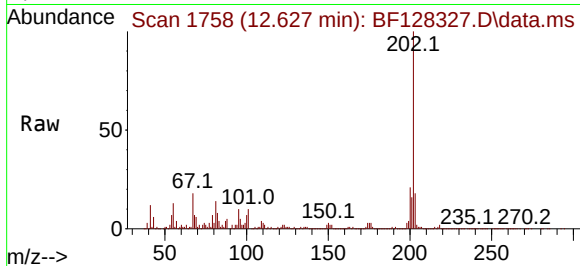




#75
Fluoranthene
Concen: 30.292 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

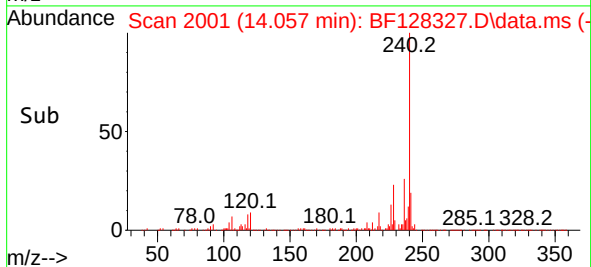
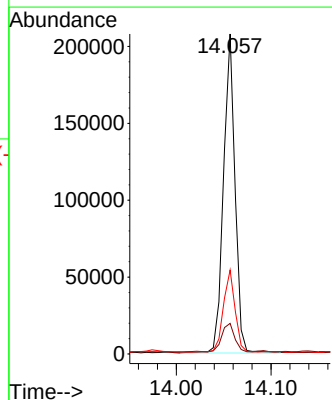
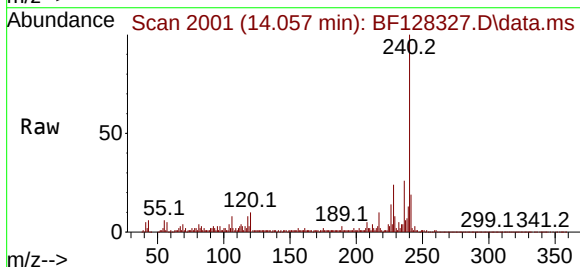
Instrument :
BNA_F
ClientSampleId :
SU-02-051722

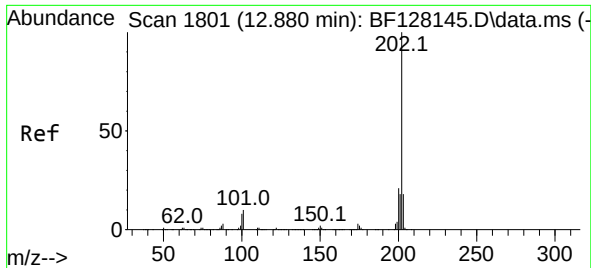
Tgt Ion:202 Resp: 369487
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.6
203 18.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Tgt Ion:240 Resp: 176492
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 26.3 20.3 30.5

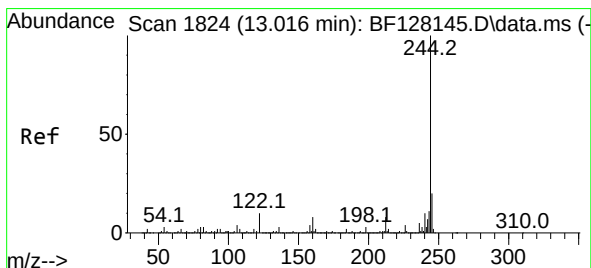
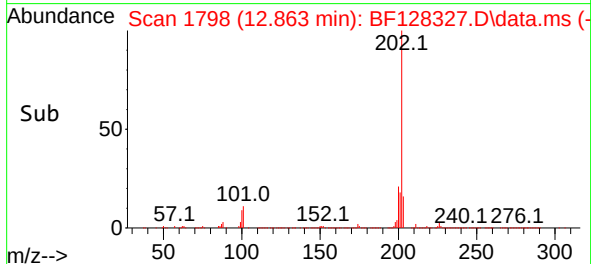
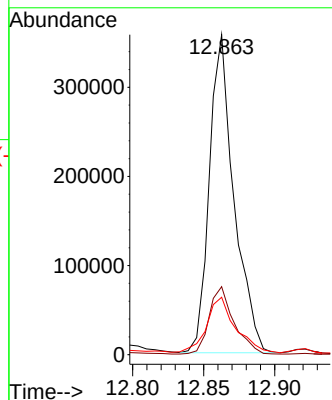
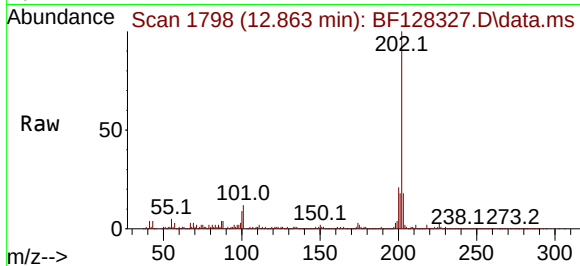




#78
Pyrene
Concen: 33.623 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

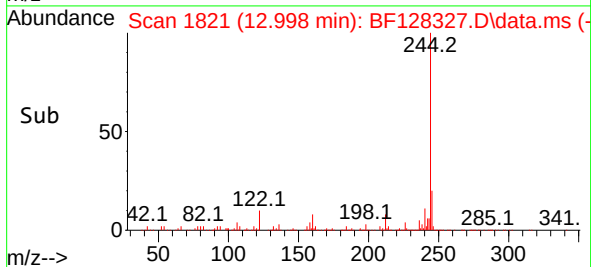
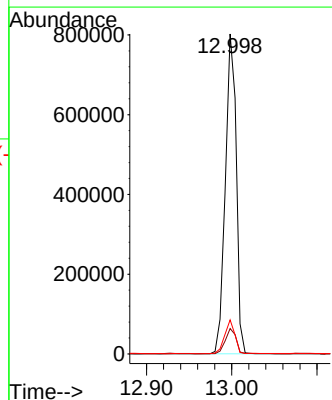
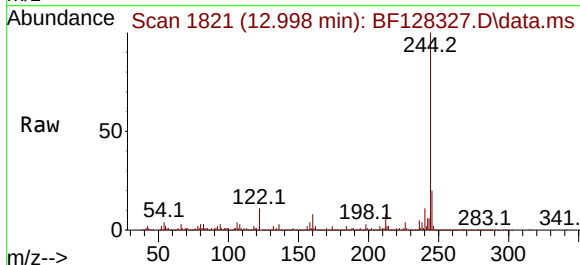
Instrument :
BNA_F
ClientSampleId :
SU-02-051722

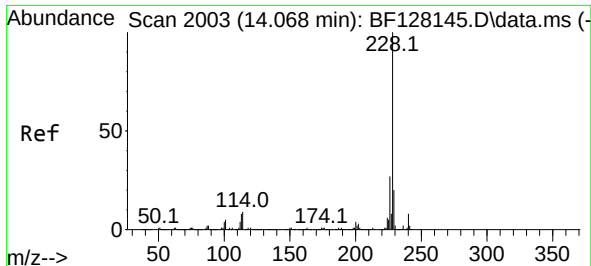
Tgt Ion:202 Resp: 430278
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 18.0 14.0 21.0



#79
Terphenyl-d14
Concen: 75.780 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.006 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Tgt Ion:244 Resp: 712770
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.4
122 10.7 8.6 12.8

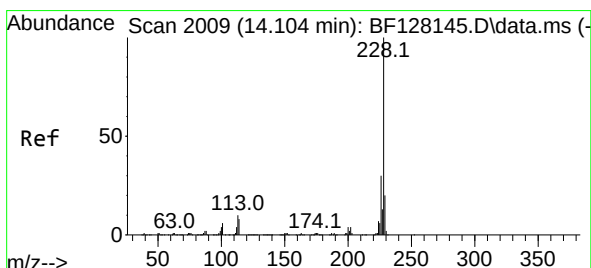
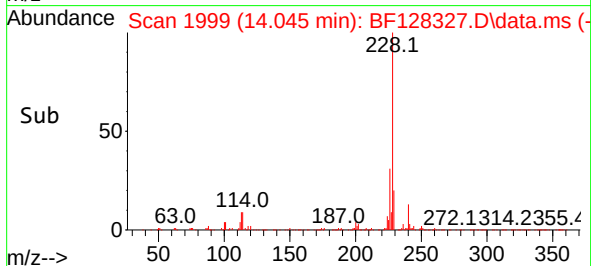
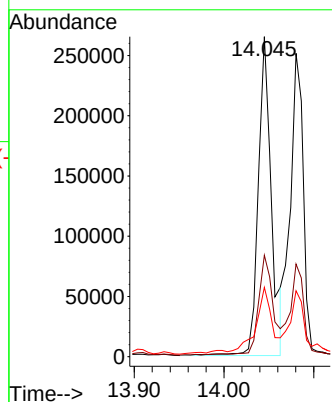
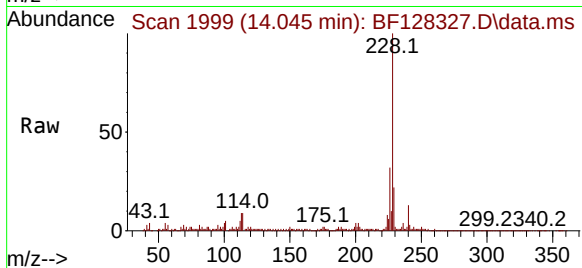




#81
Benzo(a)anthracene
Concen: 23.765 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

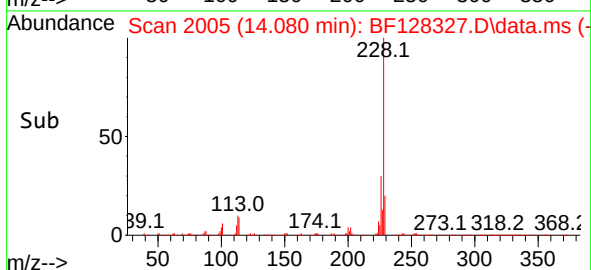
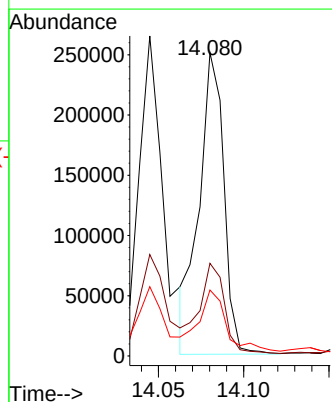
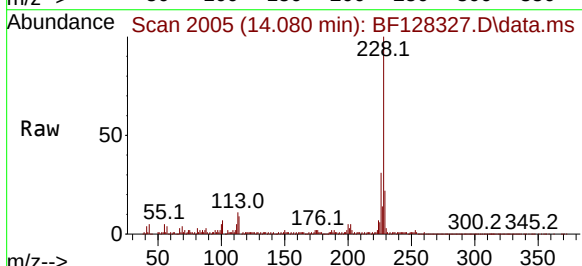
Instrument :
BNA_F
ClientSampleId :
SU-02-051722

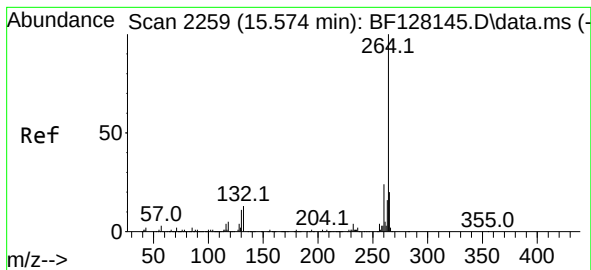
Tgt Ion:228 Resp: 267906
Ion Ratio Lower Upper
228 100
226 31.7 21.7 32.5
229 21.6 15.4 23.2



#83
Chrysene
Concen: 23.481 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF128327.D
Acq: 18 May 2022 22:53

Tgt Ion:228 Resp: 252572
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 21.7 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128327.D

Acq: 18 May 2022 22:53

Instrument :

BNA_F

ClientSampleId :

SU-02-051722

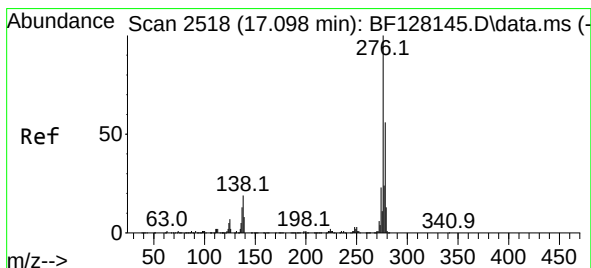
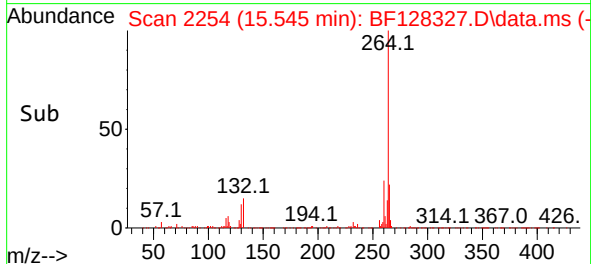
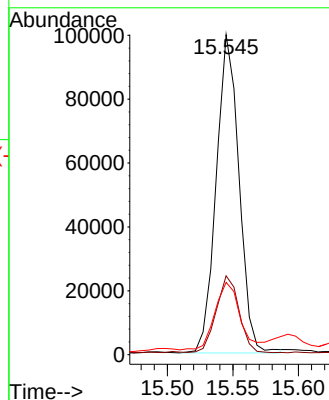
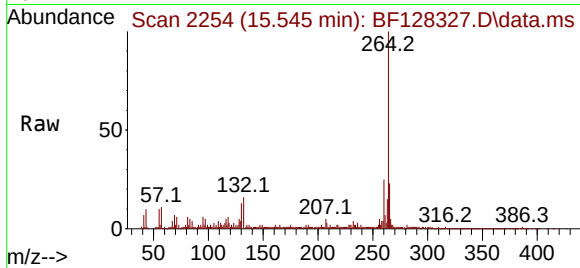
Tgt Ion:264 Resp: 120340

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 22.6 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 15.843 ng

RT: 17.057 min Scan# 2511

Delta R.T. -0.006 min

Lab File: BF128327.D

Acq: 18 May 2022 22:53

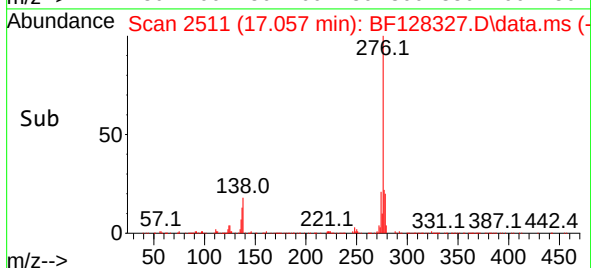
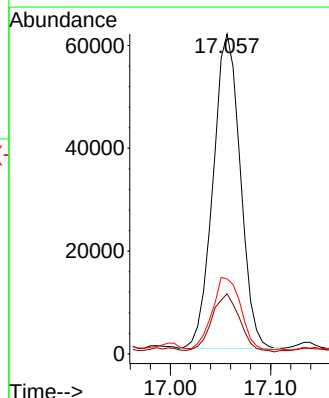
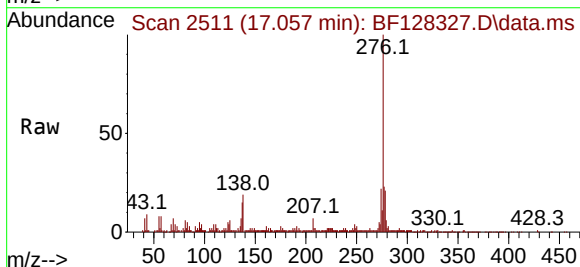
Tgt Ion:276 Resp: 115334

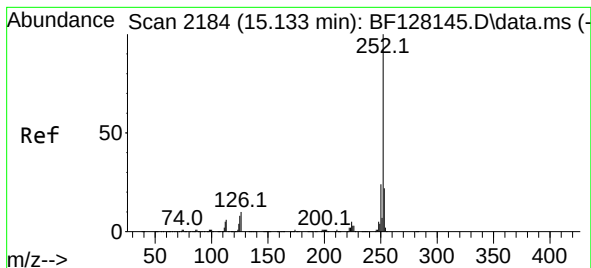
Ion Ratio Lower Upper

276 100

138 19.0 19.0 28.4

277 24.0 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 47.550 ng

RT: 15.110 min Scan# 2180

Delta R.T. 0.006 min

Lab File: BF128327.D

Acq: 18 May 2022 22:53

Instrument :

BNA_F

ClientSampleId :

SU-02-051722

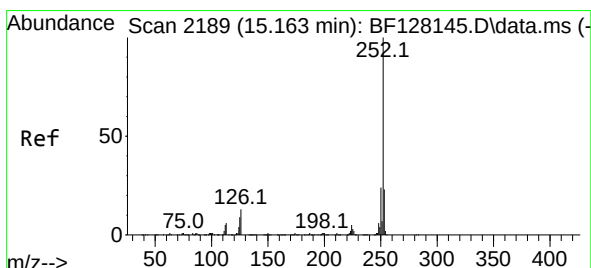
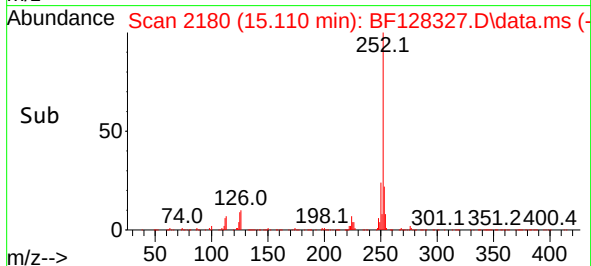
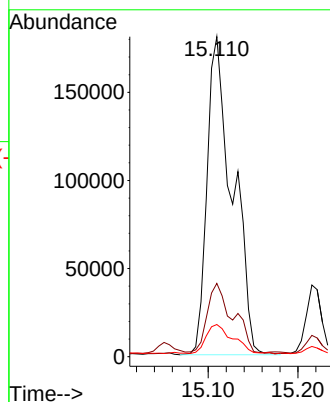
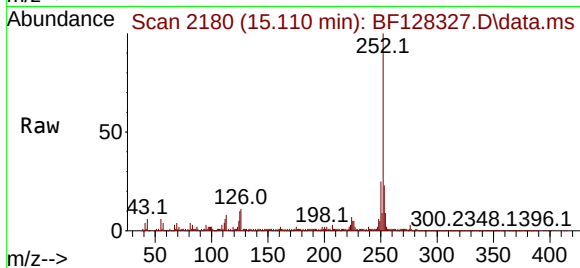
Tgt Ion:252 Resp: 354717

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 10.0 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 48.171 ng

RT: 15.110 min Scan# 2180

Delta R.T. -0.023 min

Lab File: BF128327.D

Acq: 18 May 2022 22:53

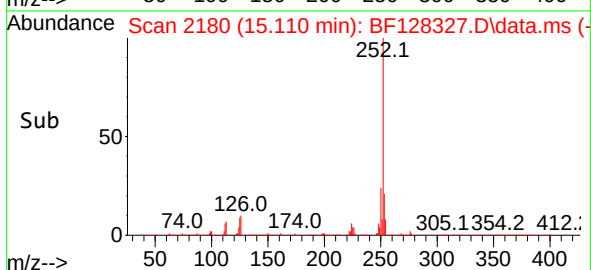
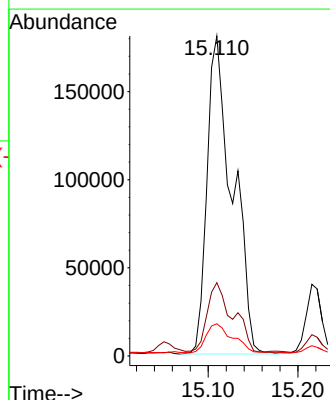
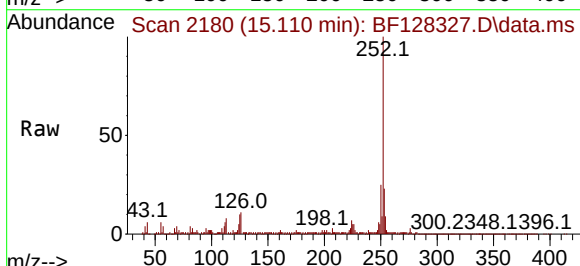
Tgt Ion:252 Resp: 354717

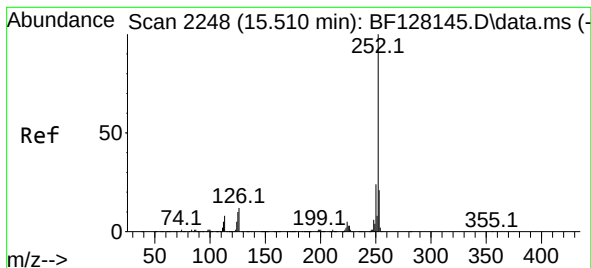
Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.4

125 10.0 6.8 10.2





#90

Benzo(a)pyrene

Concen: 29.301 ng

RT: 15.486 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128327.D

Acq: 18 May 2022 22:53

Instrument :

BNA_F

ClientSampleId :

SU-02-051722

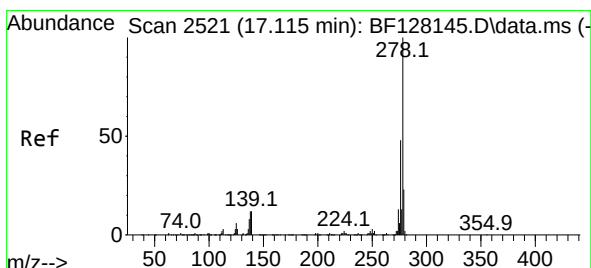
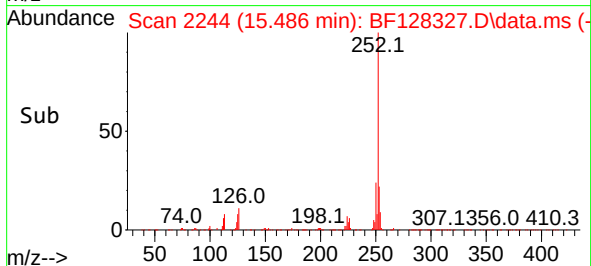
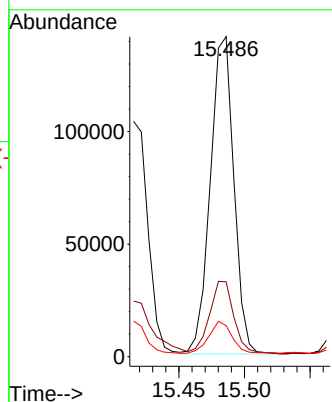
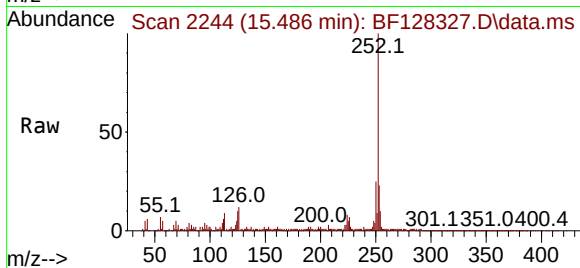
Tgt Ion:252 Resp: 176464

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

125 9.7 9.2 13.8



#91

Dibenzo(a,h)anthracene

Concen: 3.023 ng

RT: 17.298 min Scan# 2552

Delta R.T. 0.224 min

Lab File: BF128327.D

Acq: 18 May 2022 22:53

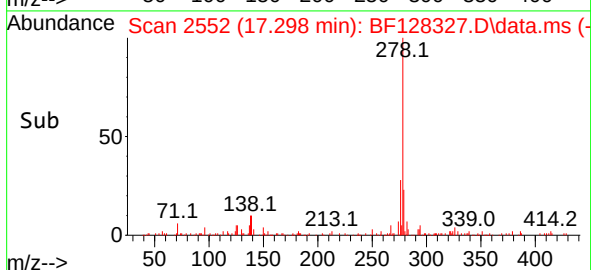
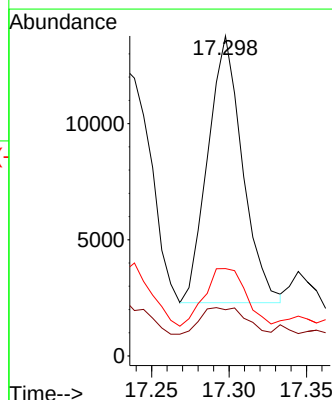
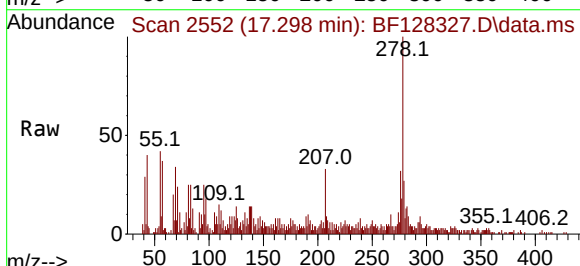
Tgt Ion:278 Resp: 17817

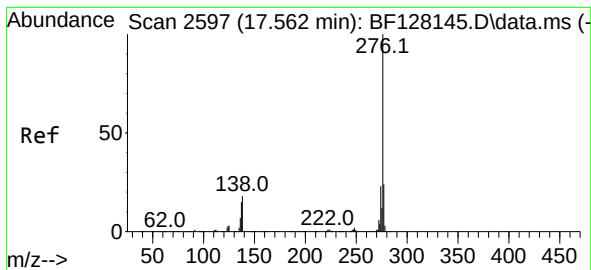
Ion Ratio Lower Upper

278 100

139 14.5 12.6 19.0

279 27.3 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 18.055 ng

RT: 17.521 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128327.D

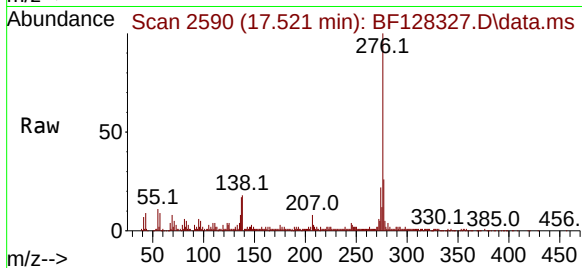
Acq: 18 May 2022 22:53

Instrument :

BNA_F

ClientSampleId :

SU-02-051722



Tgt Ion:276 Resp: 107740

Ion Ratio Lower Upper

276 100

277 25.7 18.8 28.2

138 18.0 16.2 24.2

