

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128325.D
 Acq On : 18 May 2022 21:53
 Operator : CG\JU
 Sample : N2900-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-051722

Quant Time: May 19 06:51:02 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)

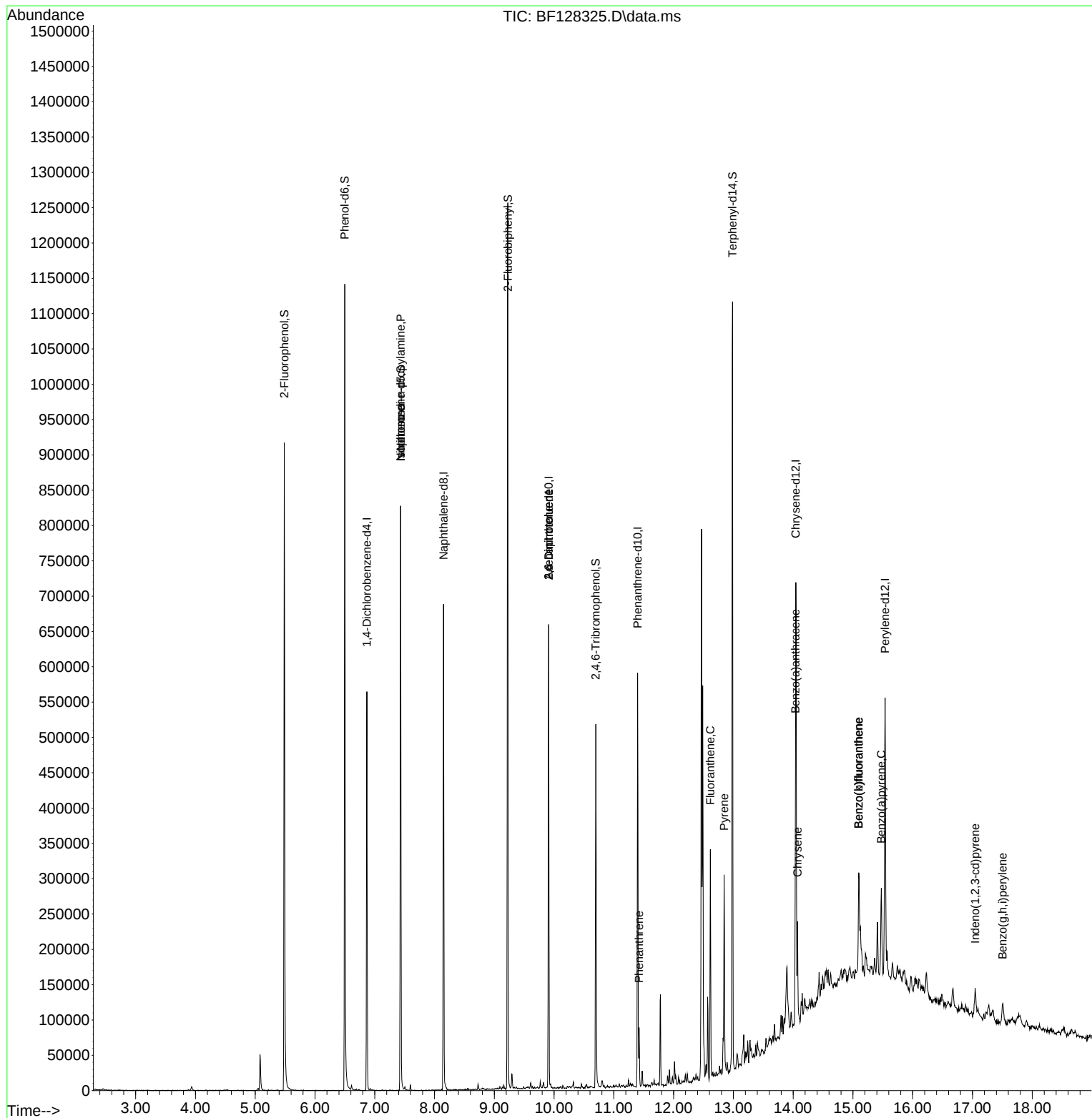
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	71722	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	265427	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	127530	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	200202	20.000	ng	0.00
76) Chrysene-d12	14.045	240	192720	20.000	ng	-0.01
86) Perylene-d12	15.539	264	171028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	226023	50.237	ng	0.00
7) Phenol-d6	6.498	99	318511	53.524	ng	-0.01
23) Nitrobenzene-d5	7.434	82	242989	41.193	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	54496	37.259	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	385363	47.281	ng	0.00
79) Terphenyl-d14	12.986	244	371824	36.203	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	563	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	32305	8.815	ng	# 80
25) Isophorone	7.434	82	242986	26.275	ng	# 68
51) 2,6-Dinitrotoluene	9.910	165	15794	8.749	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	15794	6.543	ng	# 26
71) Phenanthrene	11.422	178	25574	2.565	ng	98
75) Fluoranthene	12.616	202	111381	10.306	ng	98
78) Pyrene	12.845	202	104034	7.445	ng	98
81) Benzo(a)anthracene	14.039	228	63415	5.152	ng	95
83) Chrysene	14.074	228	56732	4.830	ng	94
87) Indeno(1,2,3-cd)pyrene	17.045	276	25239	2.440	ng	96
88) Benzo(b)fluoranthene	15.098	252	103450	9.758	ng	94
89) Benzo(k)fluoranthene	15.098	252	103450	9.885	ng	# 92
90) Benzo(a)pyrene	15.474	252	52240	6.103	ng	98
92) Benzo(g,h,i)perylene	17.503	276	24430	2.881	ng	# 92

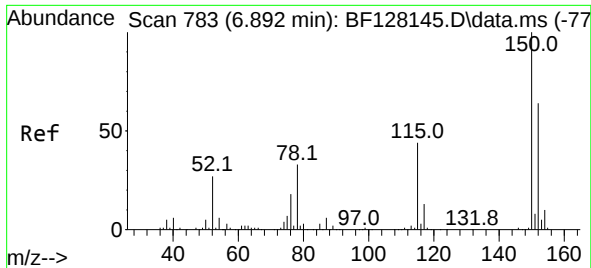
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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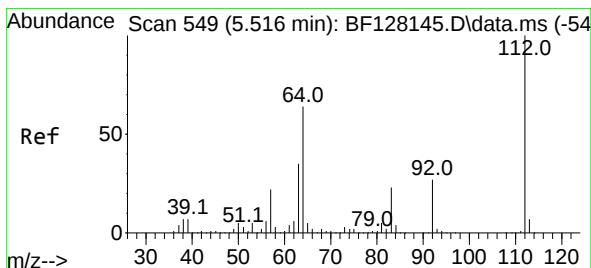
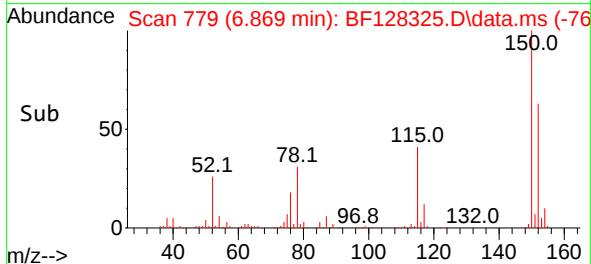
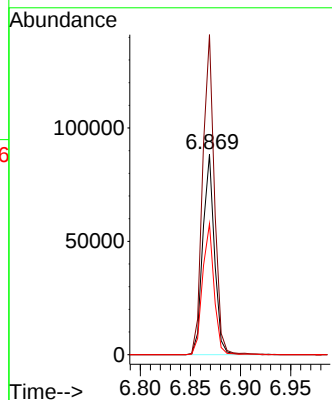
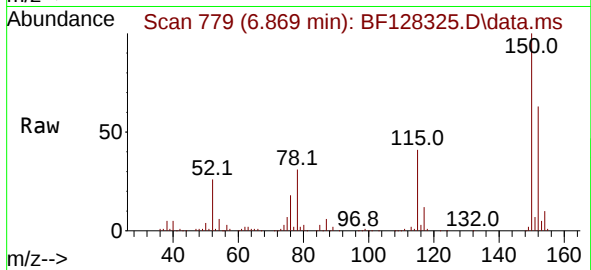




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128325.D
 Acq: 18 May 2022 21:53

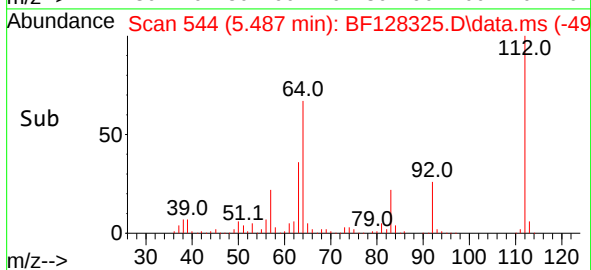
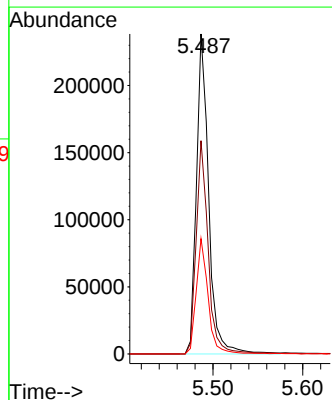
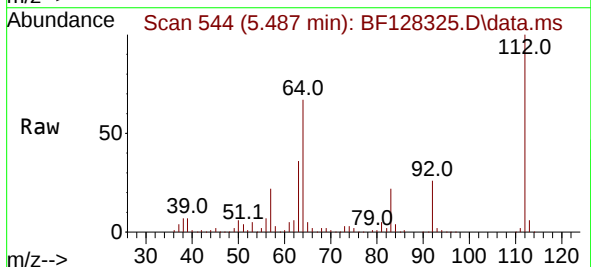
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-051722

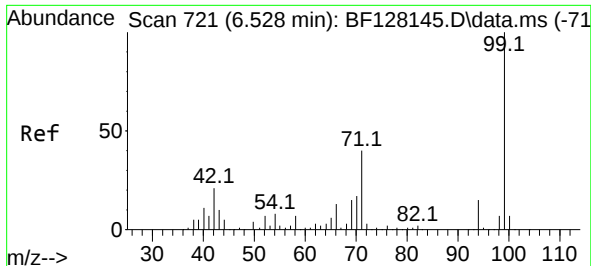
Tgt Ion:152 Resp: 71722
 Ion Ratio Lower Upper
 152 100
 150 159.7 125.3 187.9
 115 65.4 48.8 73.2



#5
 2-Fluorophenol
 Concen: 50.237 ng
 RT: 5.487 min Scan# 544
 Delta R.T. -0.006 min
 Lab File: BF128325.D
 Acq: 18 May 2022 21:53

Tgt Ion:112 Resp: 226023
 Ion Ratio Lower Upper
 112 100
 64 66.6 49.5 74.3
 63 36.0 26.3 39.5

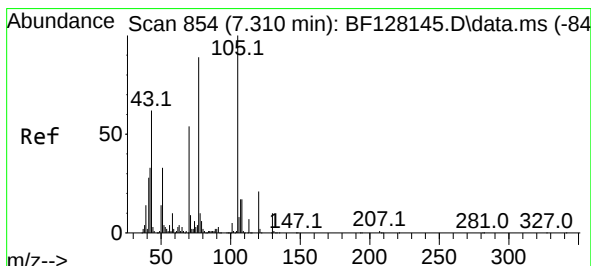
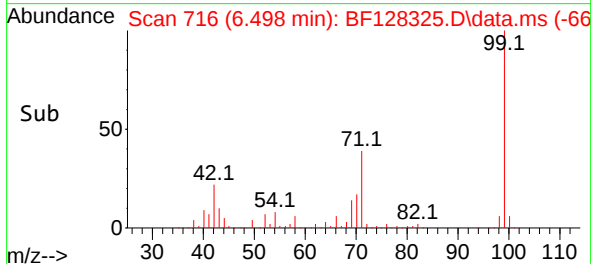
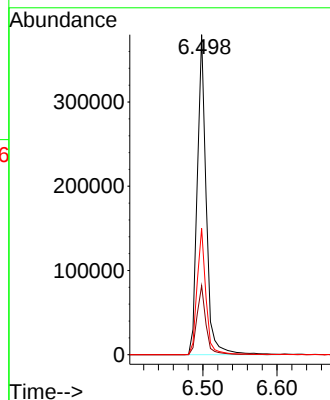
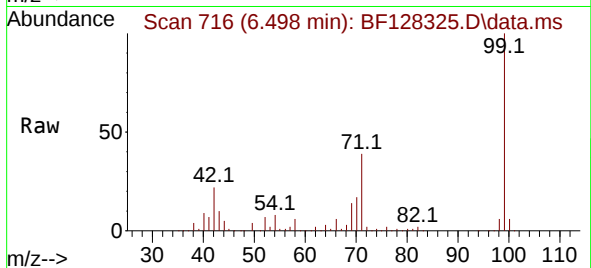




#7
Phenol-d6
Concen: 53.524 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

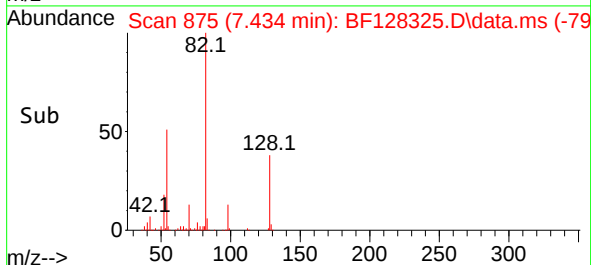
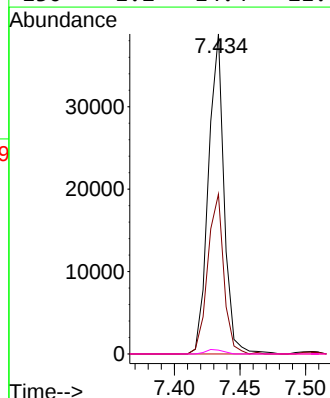
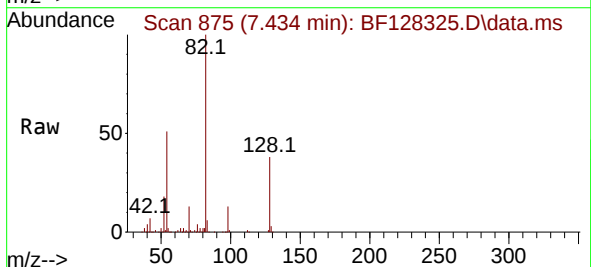
Instrument :
BNA_F
ClientSampleId :
SU-04-051722

Tgt Ion: 99 Resp: 318511
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 39.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 8.815 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

Tgt Ion: 70 Resp: 32305
Ion Ratio Lower Upper
70 100
42 49.9 48.7 73.1
101 0.0 7.2 10.8#
130 1.2 14.4 21.6#



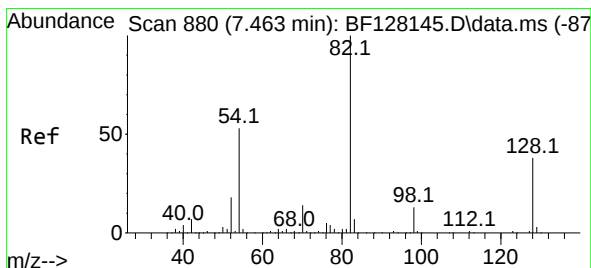
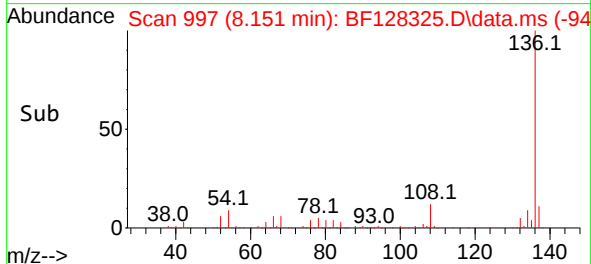
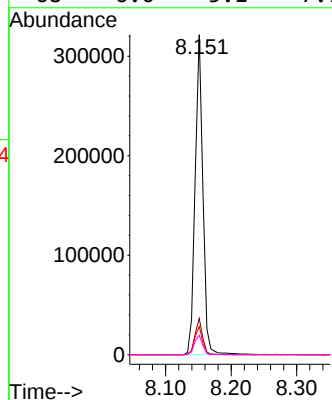
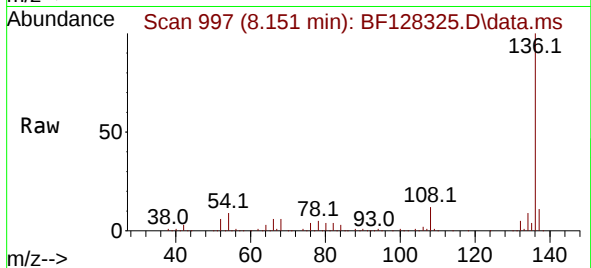


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

Instrument :
BNA_F
ClientSampleId :
SU-04-051722

Tgt Ion:136 Resp: 265427

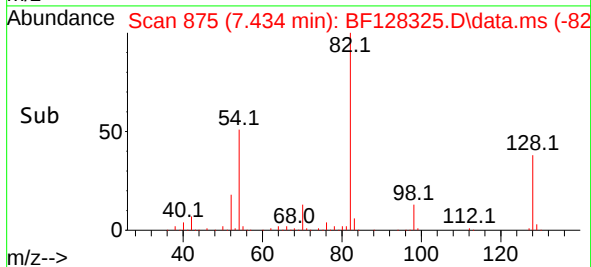
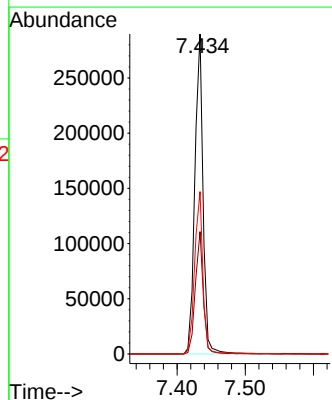
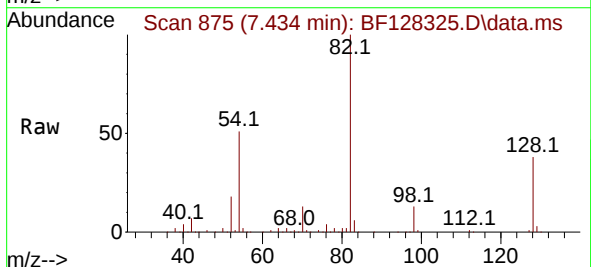
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.8	6.8	10.2
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 41.193 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

Tgt Ion: 82 Resp: 242989

Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.0	45.0
54	50.8	41.3	61.9

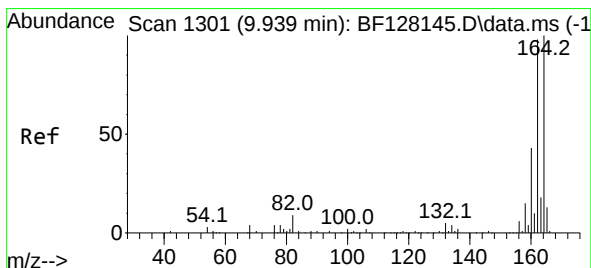
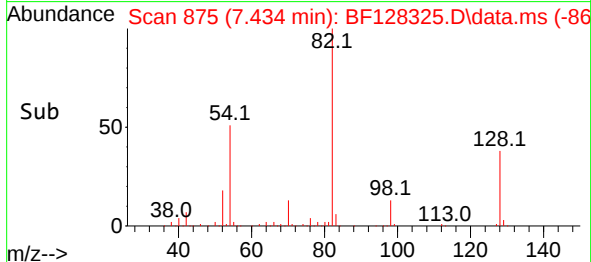
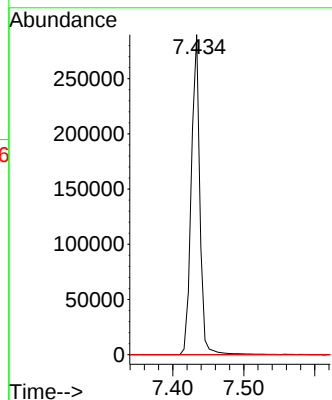
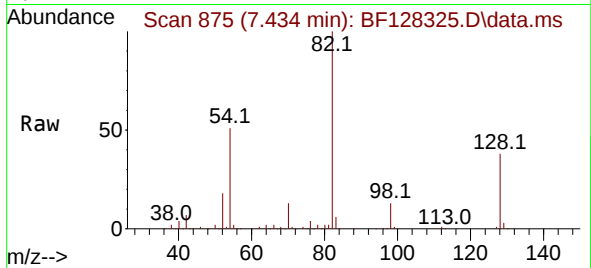




#25
Isophorone
Concen: 26.275 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

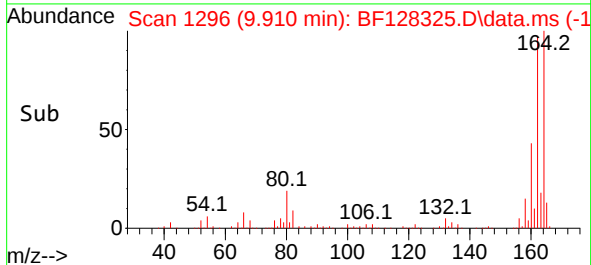
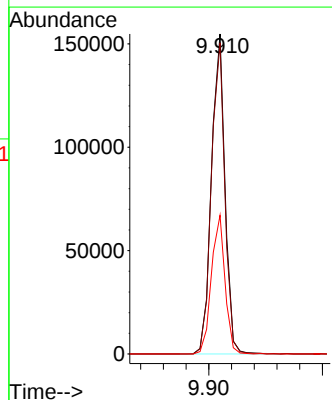
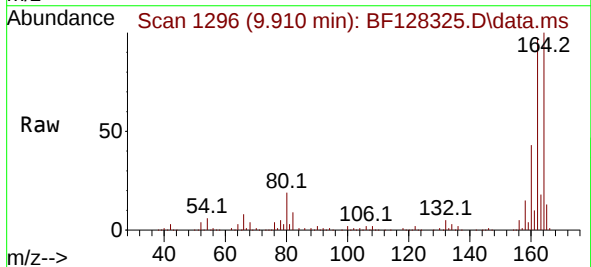
Instrument :
BNA_F
ClientSampleId :
SU-04-051722

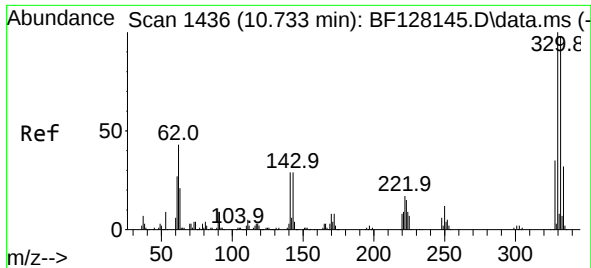
Tgt Ion: 82 Resp: 242986
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

Tgt Ion: 164 Resp: 127530
Ion Ratio Lower Upper
164 100
162 97.2 76.0 114.0
160 43.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 37.259 ng

RT: 10.698 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF128325.D

Acq: 18 May 2022 21:53

Instrument :

BNA_F

ClientSampleId :

SU-04-051722

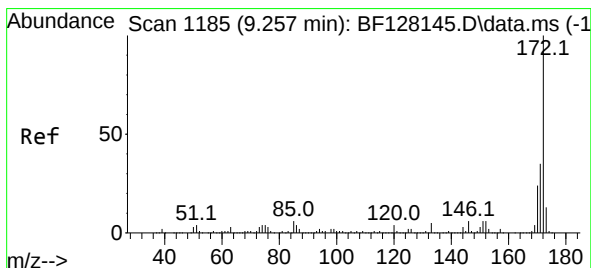
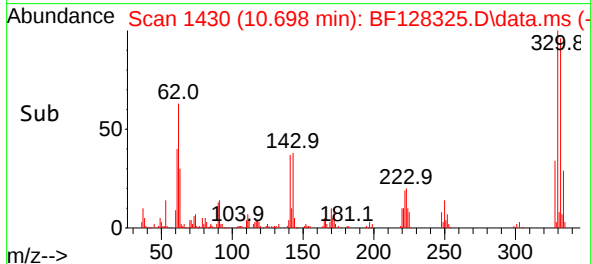
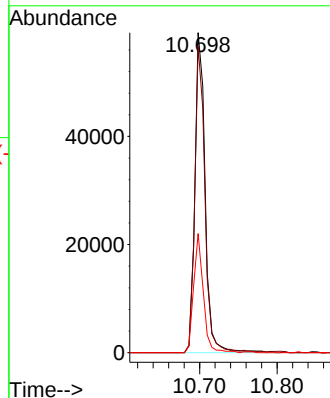
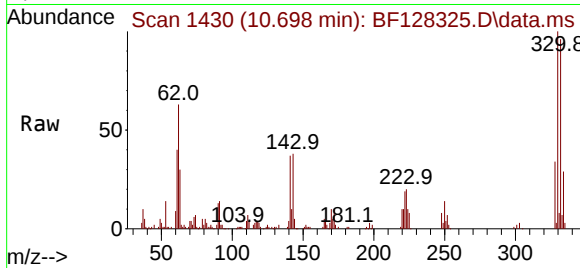
Tgt Ion:330 Resp: 54496

Ion Ratio Lower Upper

330 100

332 94.5 79.0 118.4

141 35.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 47.281 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF128325.D

Acq: 18 May 2022 21:53

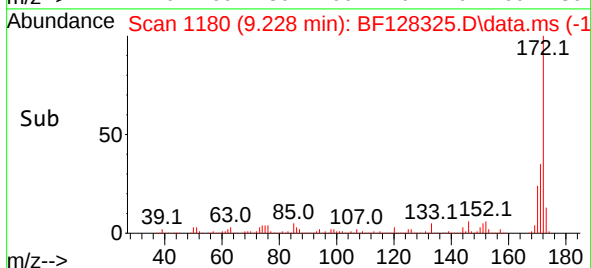
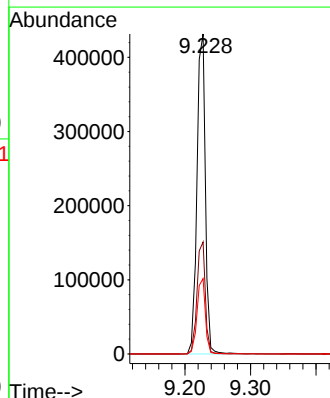
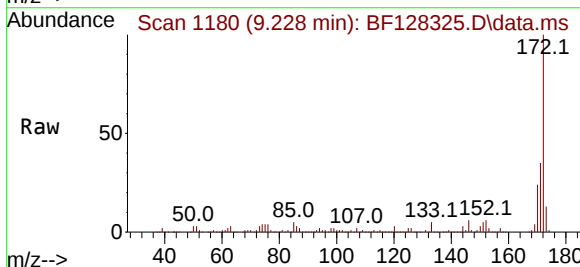
Tgt Ion:172 Resp: 385363

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.749 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.206 min

Lab File: BF128325.D

Acq: 18 May 2022 21:53

Instrument :

BNA_F

ClientSampleId :

SU-04-051722

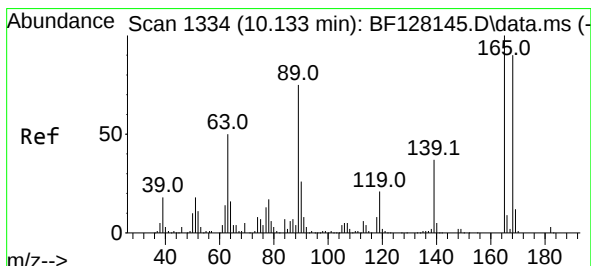
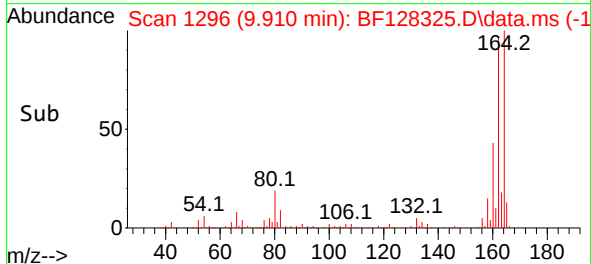
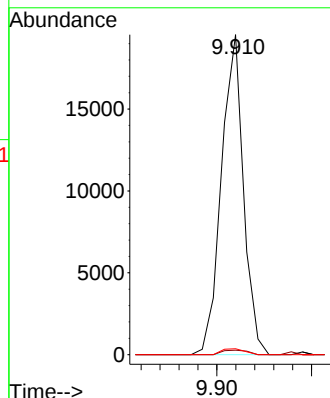
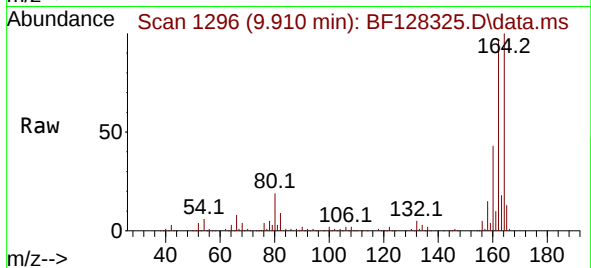
Tgt Ion:165 Resp: 15794

Ion Ratio Lower Upper

165 100

63 1.4 49.5 74.3#

89 1.8 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.543 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.206 min

Lab File: BF128325.D

Acq: 18 May 2022 21:53

Tgt Ion:165 Resp: 15794

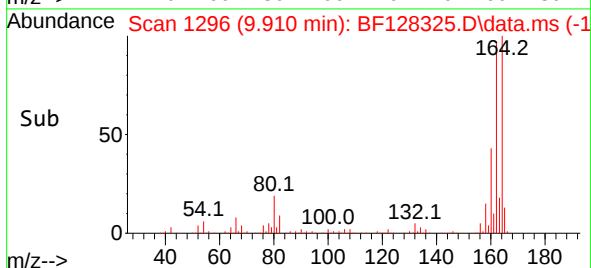
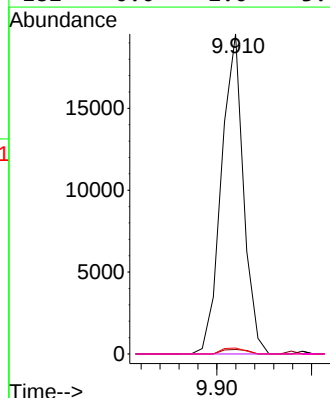
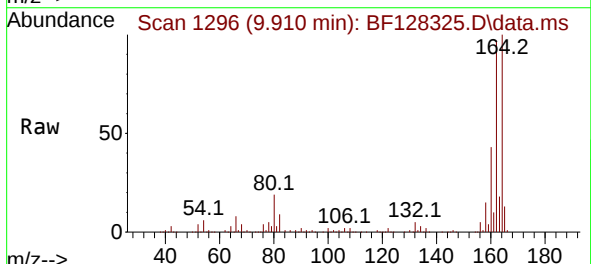
Ion Ratio Lower Upper

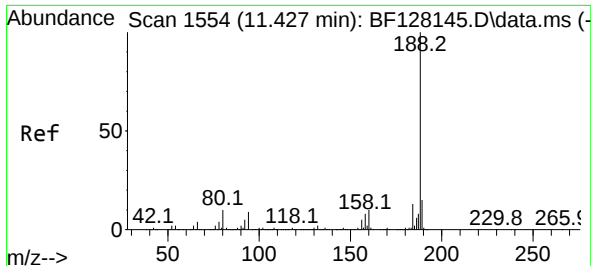
165 100

63 1.4 32.6 49.0#

89 1.8 55.2 82.8#

182 0.0 2.0 3.0#

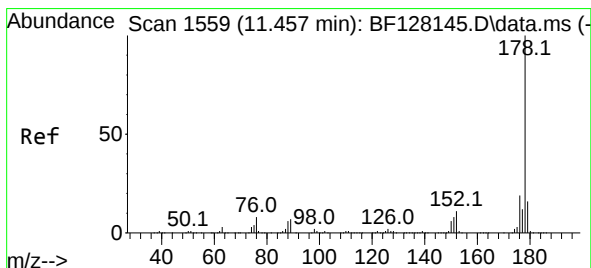
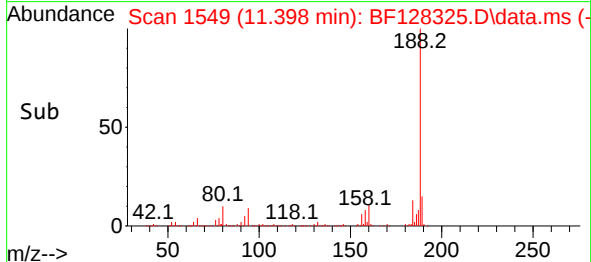
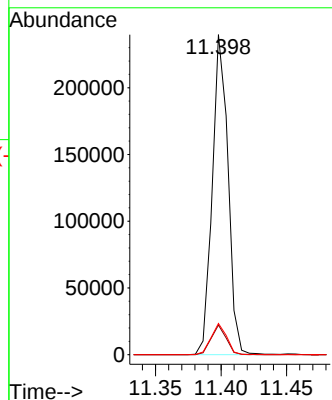
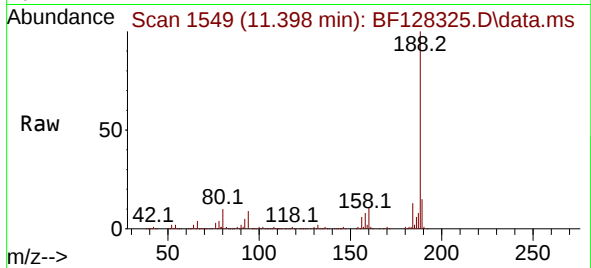




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

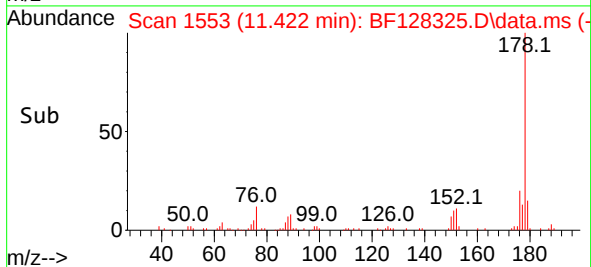
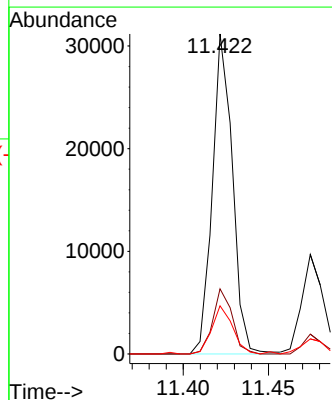
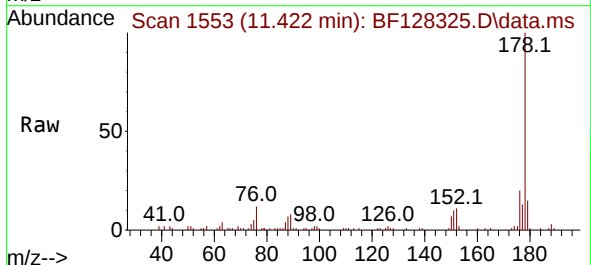
Instrument :
BNA_F
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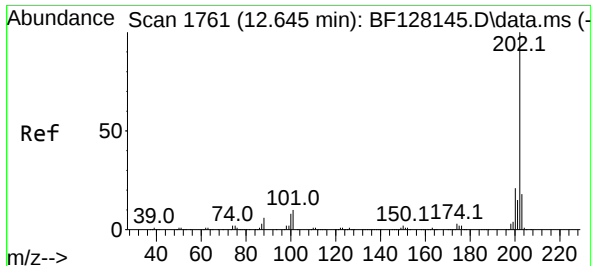
Tgt Ion:188 Resp: 200202
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.8 8.9 13.3



#71
Phenanthrene
Concen: 2.565 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

Tgt Ion:178 Resp: 25574
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 15.1 12.6 19.0

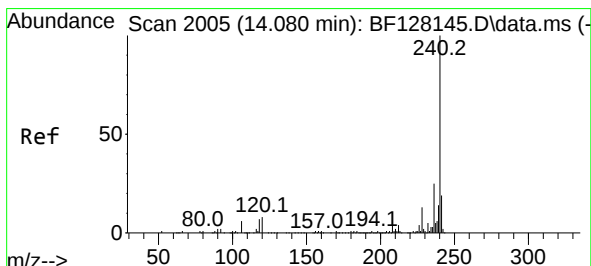
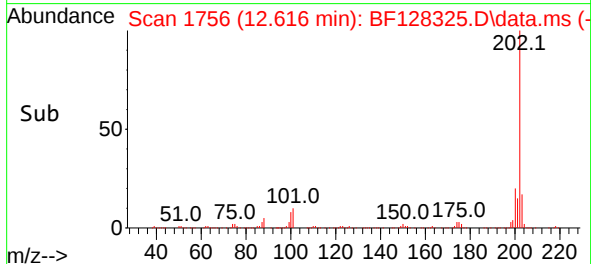
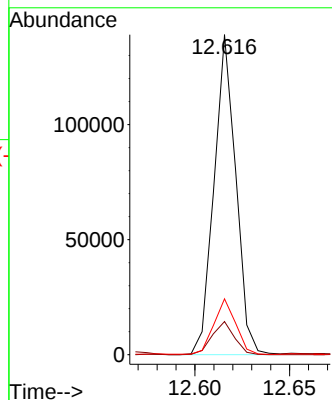
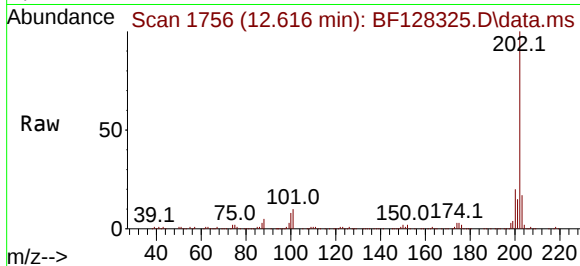




#75
Fluoranthene
Concen: 10.306 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

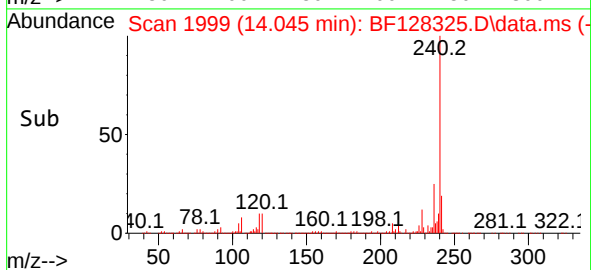
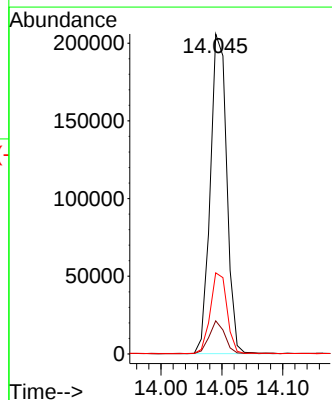
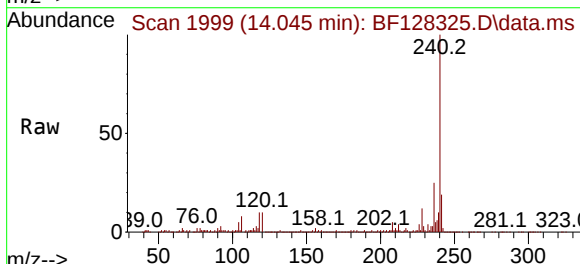
Instrument :
BNA_F
ClientSampleId :
SU-04-051722

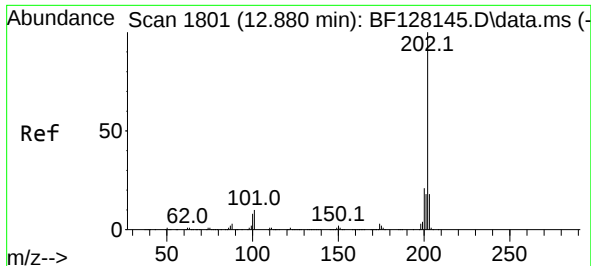
Tgt Ion:202 Resp: 111381
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.6
203 17.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

Tgt Ion:240 Resp: 192720
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 25.4 20.3 30.5

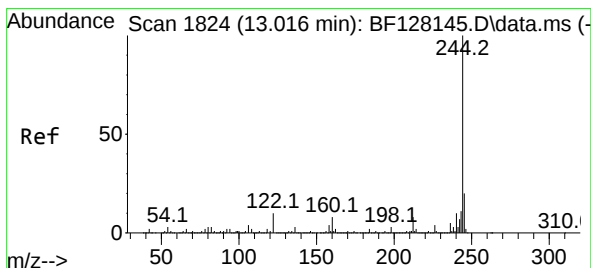
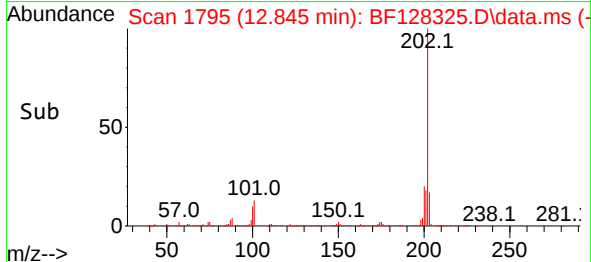
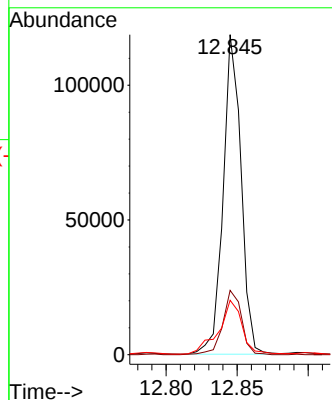
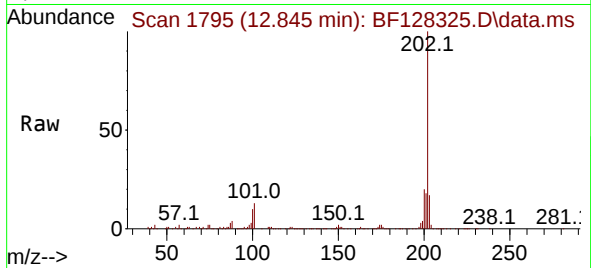




#78
Pyrene
Concen: 7.445 ng
RT: 12.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

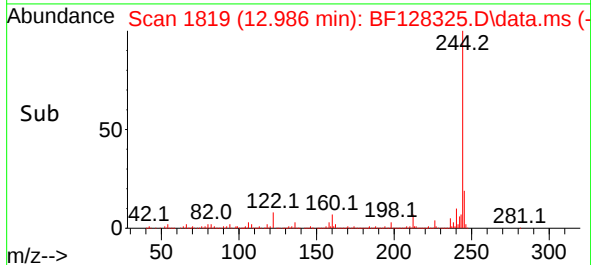
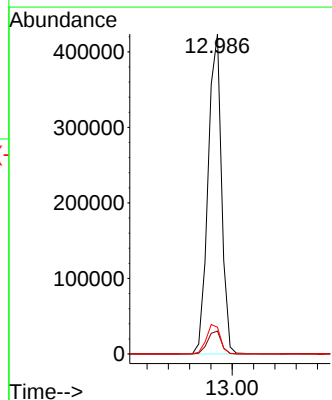
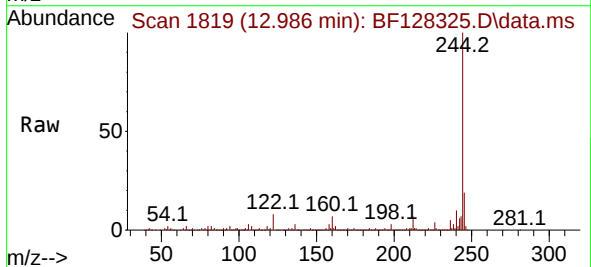
Instrument :
BNA_F
ClientSampleId :
SU-04-051722

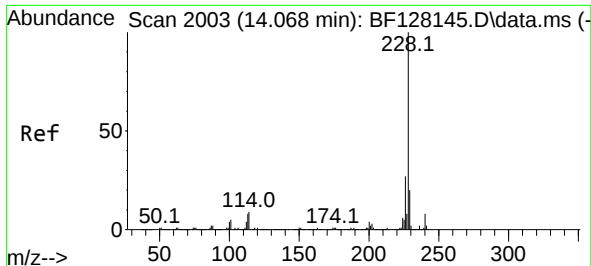
Tgt Ion:202 Resp: 104034
Ion Ratio Lower Upper
202 100
200 20.1 17.4 26.2
203 17.0 14.0 21.0



#79
Terphenyl-d14
Concen: 36.203 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

Tgt Ion:244 Resp: 371824
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.4
122 8.3 8.6 12.8#

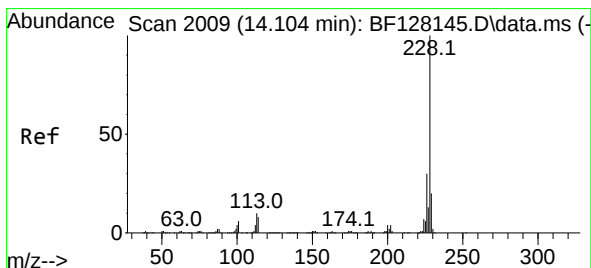
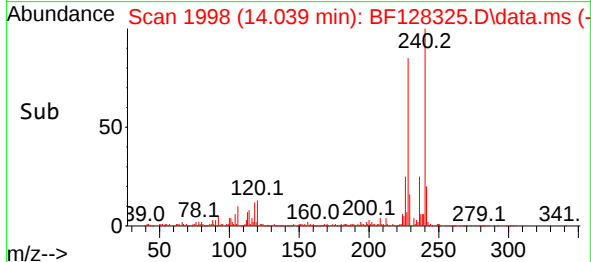
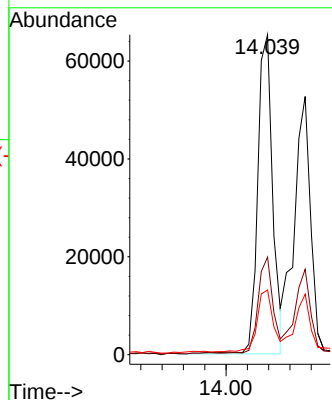
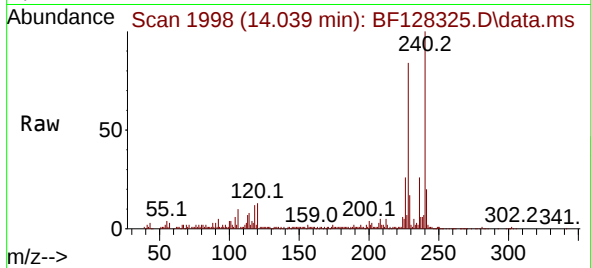




#81
Benzo(a)anthracene
Concen: 5.152 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

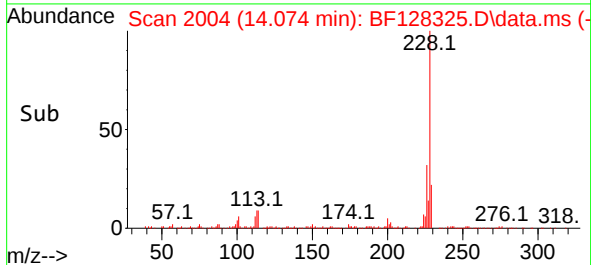
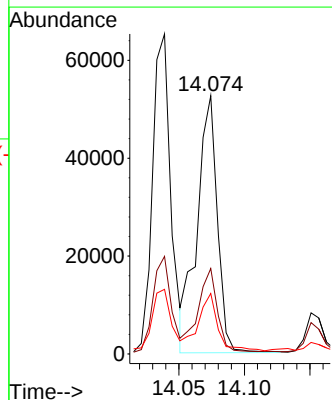
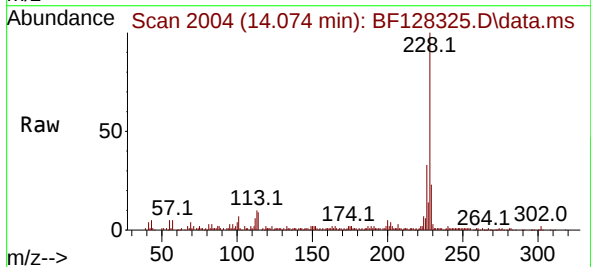
Instrument :
BNA_F
ClientSampleId :
SU-04-051722

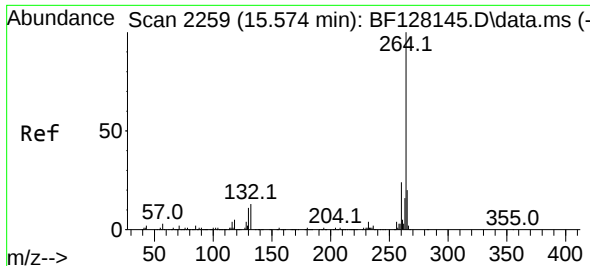
Tgt Ion:228 Resp: 63415
Ion Ratio Lower Upper
228 100
226 30.5 21.7 32.5
229 20.2 15.4 23.2



#83
Chrysene
Concen: 4.830 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

Tgt Ion:228 Resp: 56732
Ion Ratio Lower Upper
228 100
226 33.1 24.4 36.6
229 23.5 15.8 23.8

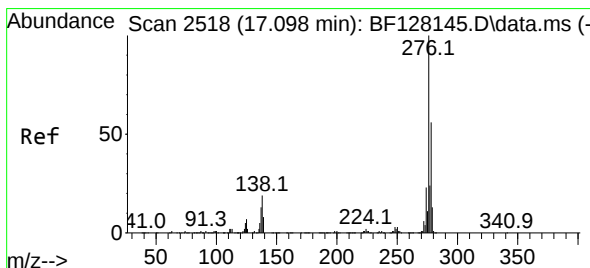
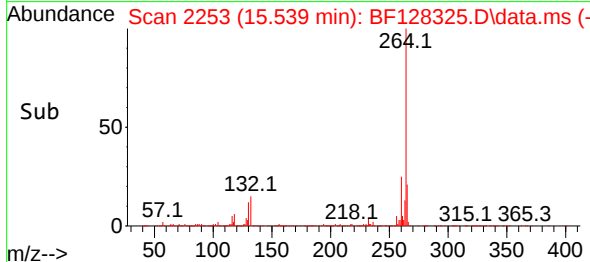
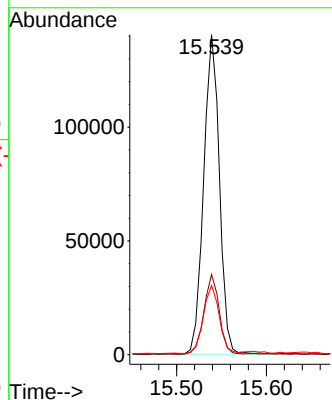
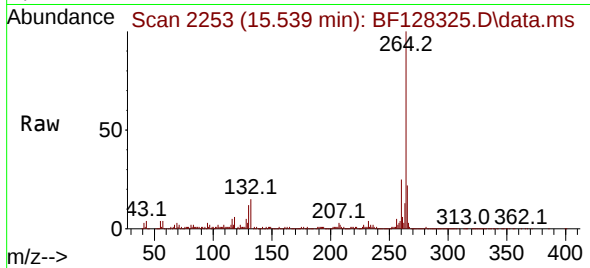




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

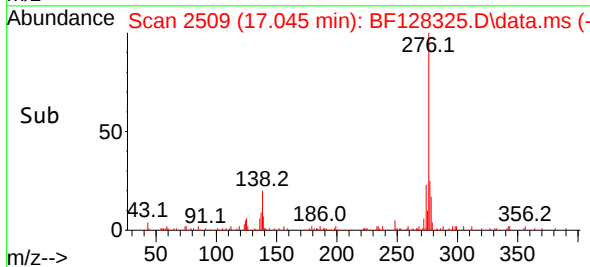
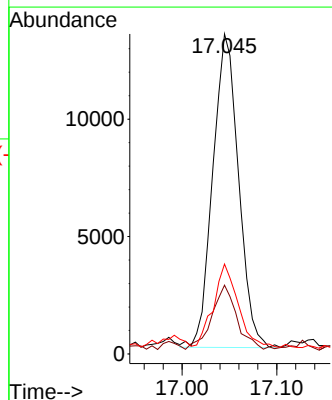
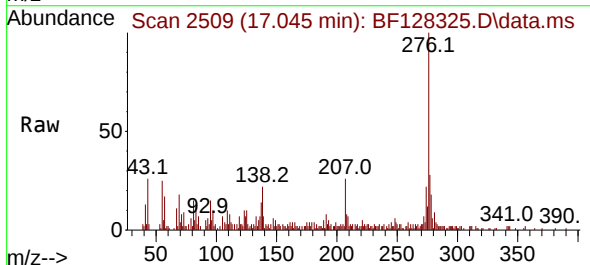
Instrument :
BNA_F
ClientSampleId :
SU-04-051722

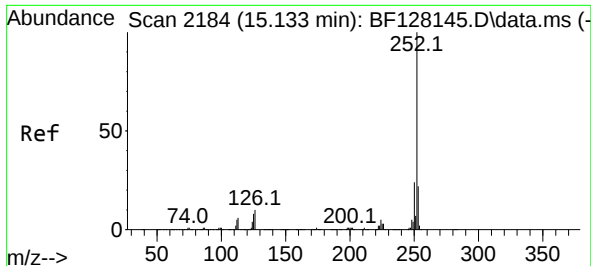
Tgt Ion:264 Resp: 171028
Ion Ratio Lower Upper
264 100
260 25.1 20.1 30.1
265 21.7 17.5 26.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.440 ng
RT: 17.045 min Scan# 2509
Delta R.T. -0.018 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

Tgt Ion:276 Resp: 25239
Ion Ratio Lower Upper
276 100
138 19.9 19.0 28.4
277 25.6 20.1 30.1

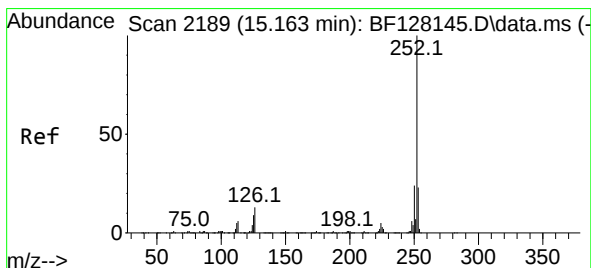
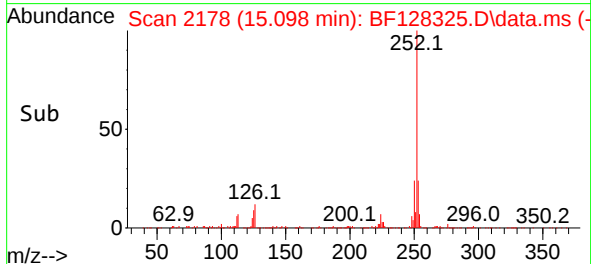
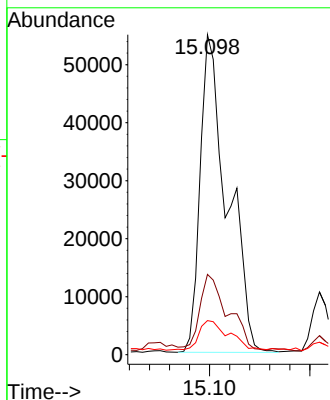
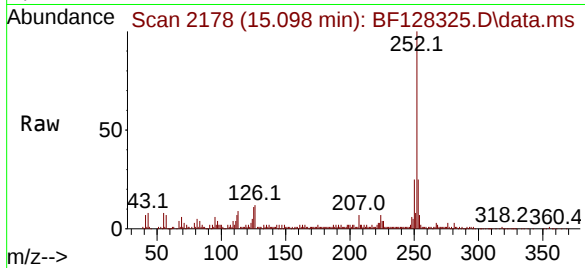




#88
Benzo(b)fluoranthene
Concen: 9.758 ng
RT: 15.098 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

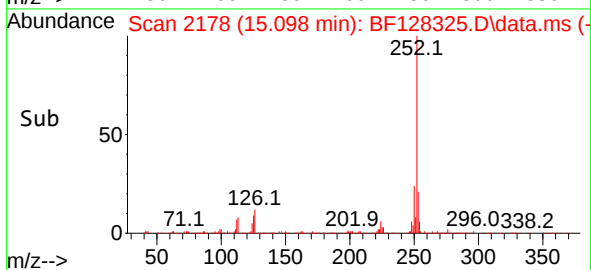
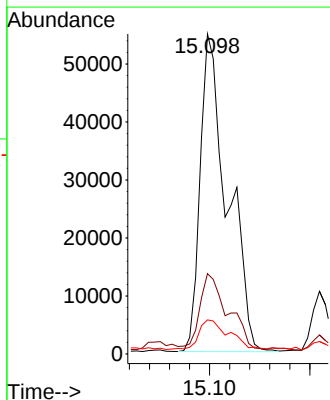
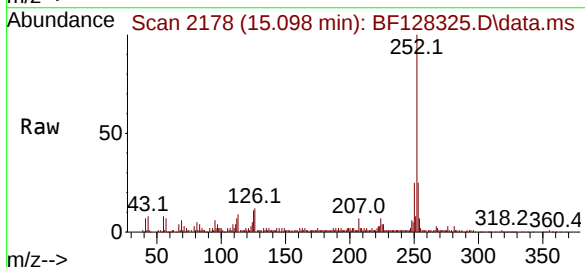
Instrument :
BNA_F
ClientSampleId :
SU-04-051722

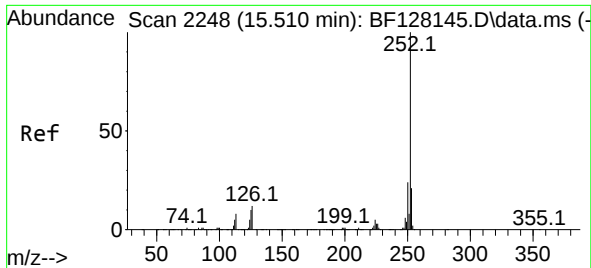
Tgt Ion:252 Resp: 103450
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.2
125 10.7 7.4 11.2



#89
Benzo(k)fluoranthene
Concen: 9.885 ng
RT: 15.098 min Scan# 2178
Delta R.T. -0.035 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

Tgt Ion:252 Resp: 103450
Ion Ratio Lower Upper
252 100
253 25.1 17.0 25.4
125 10.7 6.8 10.2#

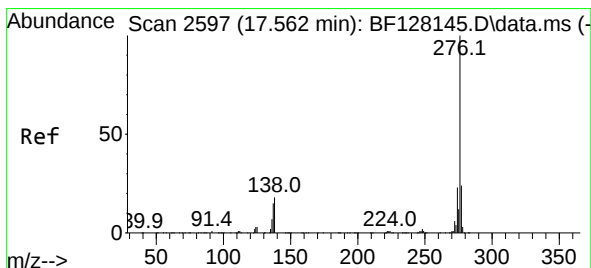
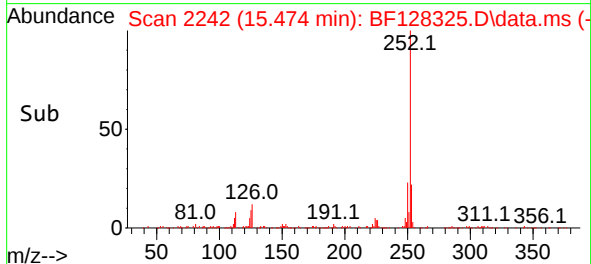
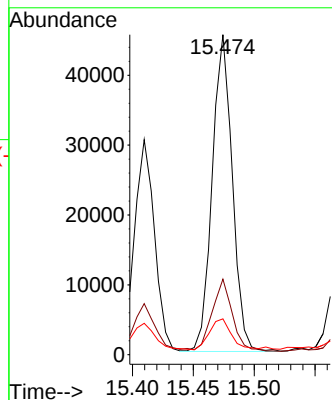
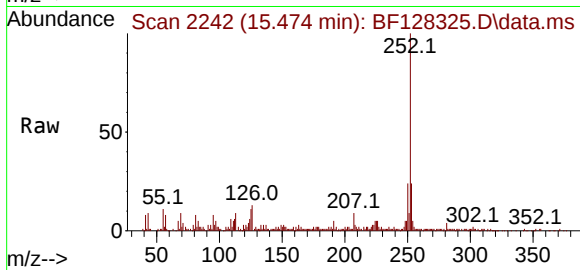




#90
Benzo(a)pyrene
Concen: 6.103 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

Instrument :
BNA_F
ClientSampleId :
SU-04-051722

Tgt Ion:252 Resp: 52240
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 11.2 9.2 13.8



#92
Benzo(g,h,i)perylene
Concen: 2.881 ng
RT: 17.503 min Scan# 2587
Delta R.T. -0.018 min
Lab File: BF128325.D
Acq: 18 May 2022 21:53

Tgt Ion:276 Resp: 24430
Ion Ratio Lower Upper
276 100
277 29.5 18.8 28.2#
138 21.3 16.2 24.2

