

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127964.D
 Acq On : 28 Apr 2022 00:12
 Operator : CG\JU
 Sample : N2479-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E14ST-EB4-041922-0-5

Quant Time: Apr 28 05:18:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

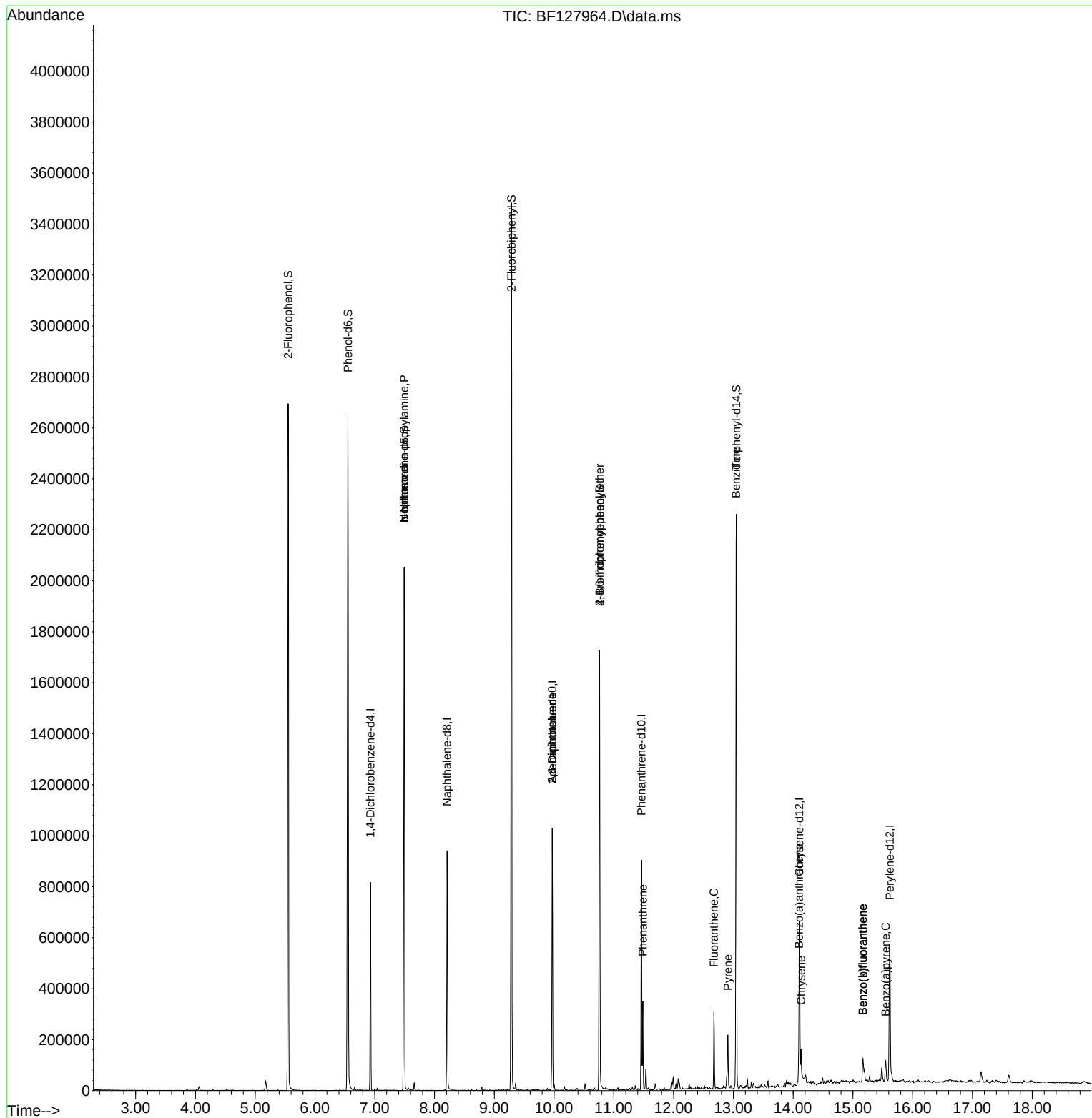
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	105289	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	394893	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	207376	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	314590	20.000	ng	0.00
76) Chrysene-d12	14.104	240	197526	20.000	ng	-0.01
86) Perylene-d12	15.615	264	243994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	734187	111.066	ng	0.00
7) Phenol-d6	6.551	99	963567	112.338	ng	-0.01
23) Nitrobenzene-d5	7.492	82	693741	82.611	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	202680	97.088	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1092622	89.134	ng	0.00
79) Terphenyl-d14	13.051	244	807053	74.711	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	95847	18.254	ng	# 78
25) Isophorone	7.492	82	693732	49.083	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	25919	8.608	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	25919	6.498	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	13104	3.758	ng	# 1
71) Phenanthrene	11.486	178	118870	7.219	ng	97
75) Fluoranthene	12.674	202	113382	6.542	ng	99
77) Benzidine	13.045	184	10826	2.897	ng	# 96
78) Pyrene	12.910	202	92547	5.804	ng	99
81) Benzo(a)anthracene	14.098	228	45528	3.458	ng	99
83) Chrysene	14.133	228	41045	3.264	ng	97
88) Benzo(b)fluoranthene	15.168	252	69934	4.563	ng	97
89) Benzo(k)fluoranthene	15.168	252	69934	4.530	ng	# 95
90) Benzo(a)pyrene	15.551	252	42975	3.381	ng	98

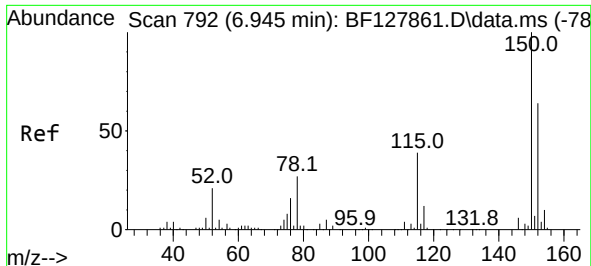
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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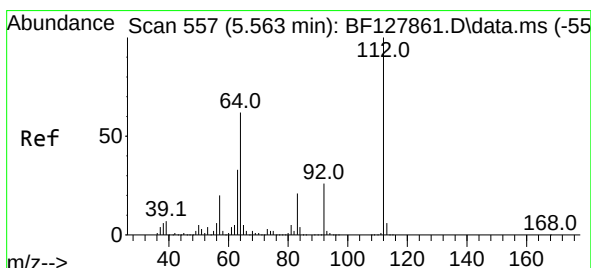
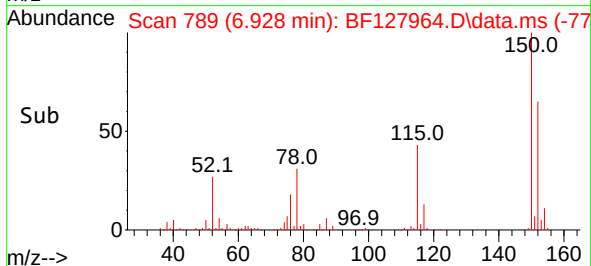
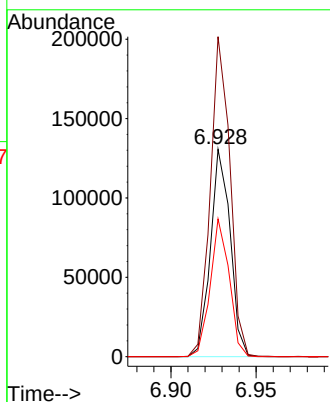
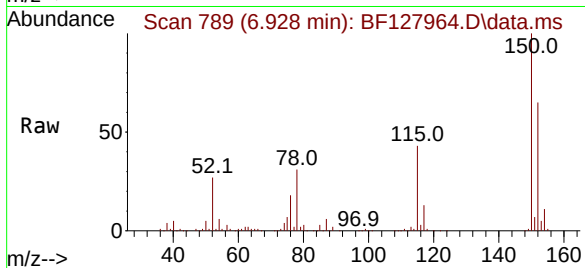




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: BF127964.D
 Acq: 28 Apr 2022 00:12

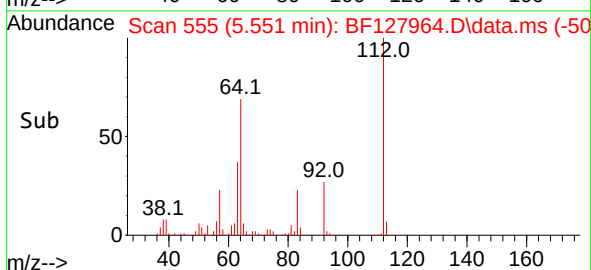
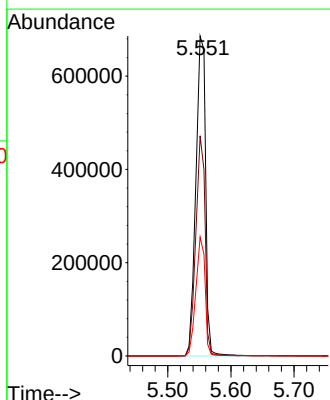
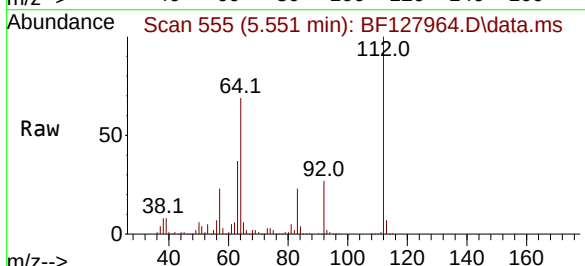
Instrument :
 BNA_F
 ClientSampleId :
 E14ST-EB4-041922-0-5

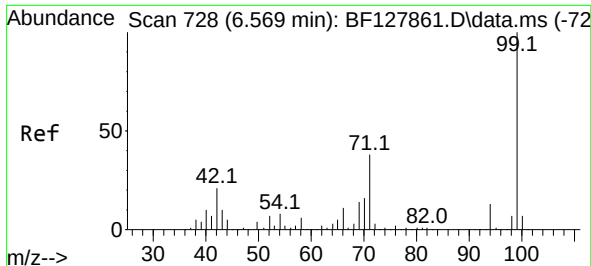
Tgt Ion:152 Resp: 105289
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.3 187.9
 115 66.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 111.066 ng
 RT: 5.551 min Scan# 555
 Delta R.T. -0.000 min
 Lab File: BF127964.D
 Acq: 28 Apr 2022 00:12

Tgt Ion:112 Resp: 734187
 Ion Ratio Lower Upper
 112 100
 64 68.8 49.5 74.3
 63 37.2 26.3 39.5

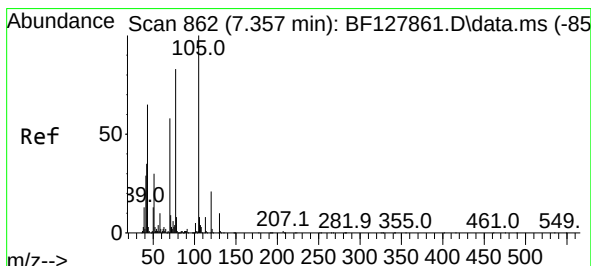
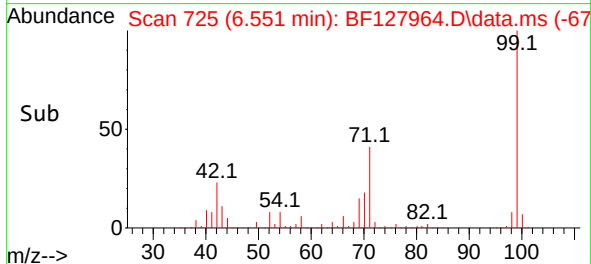
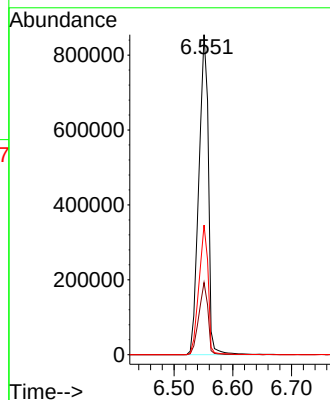
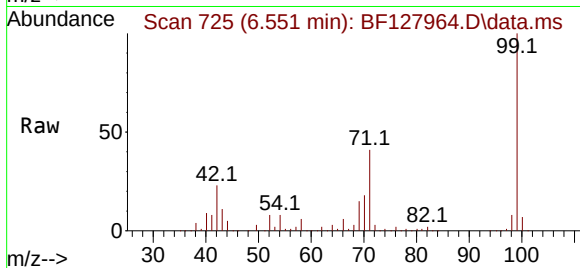




#7
Phenol-d6
Concen: 112.338 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

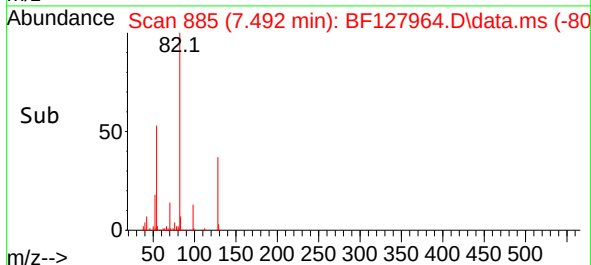
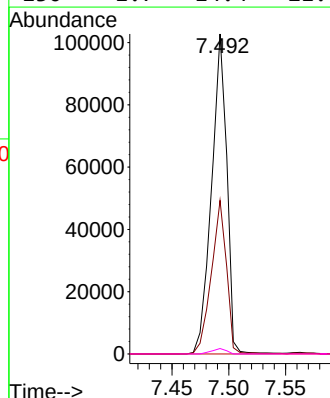
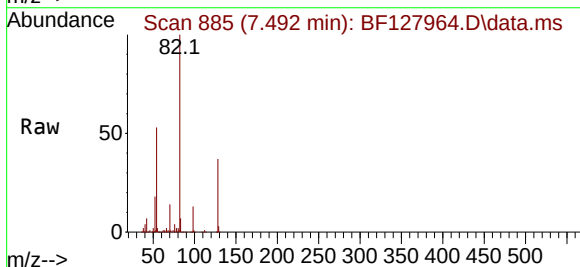
Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

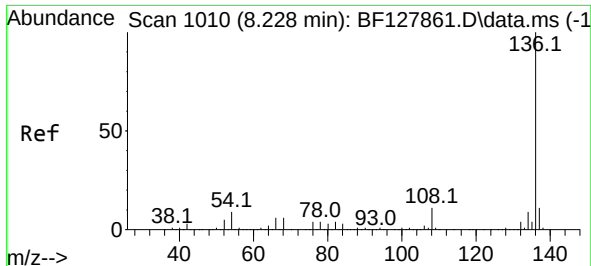
Tgt Ion: 99 Resp: 963567
Ion Ratio Lower Upper
99 100
42 22.5 16.6 24.8
71 40.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.254 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

Tgt Ion: 70 Resp: 95847
Ion Ratio Lower Upper
70 100
42 48.0 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

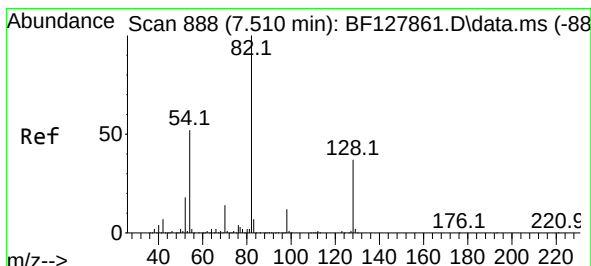
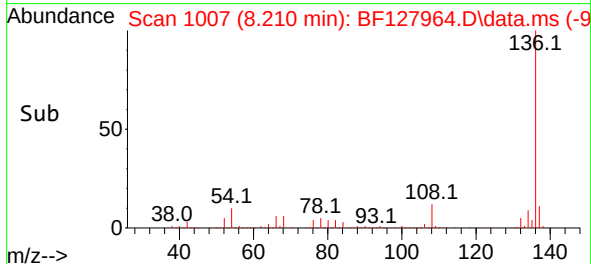
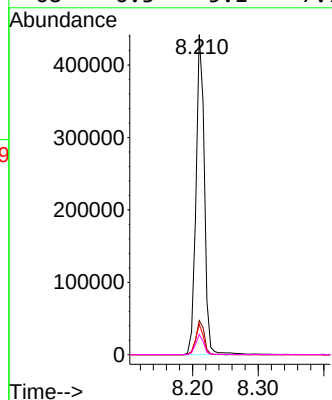
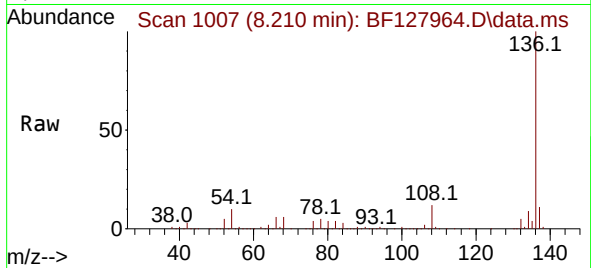




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

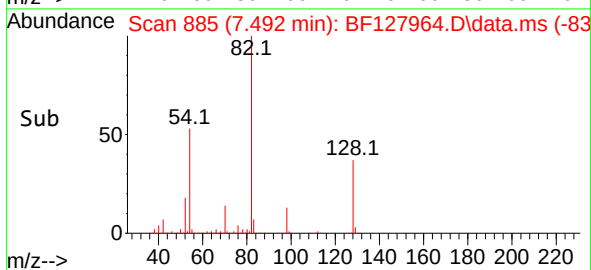
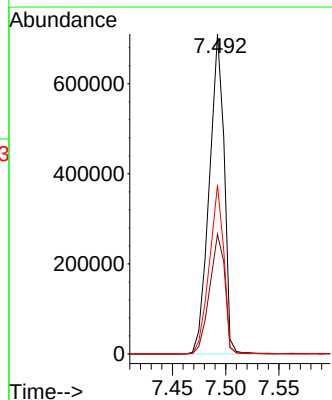
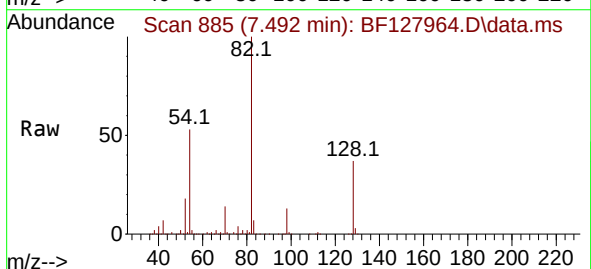
Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

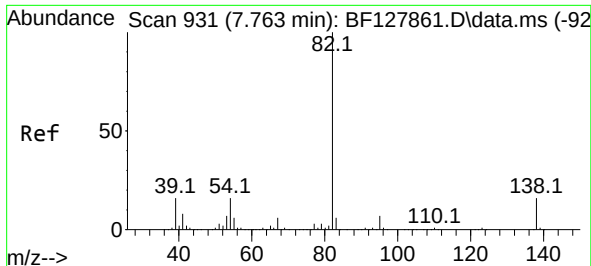
Tgt Ion:	136	Resp:	394893
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.5	6.8	10.2
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 82.611 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

Tgt Ion:	82	Resp:	693741
Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.0	45.0
54	52.9	41.3	61.9

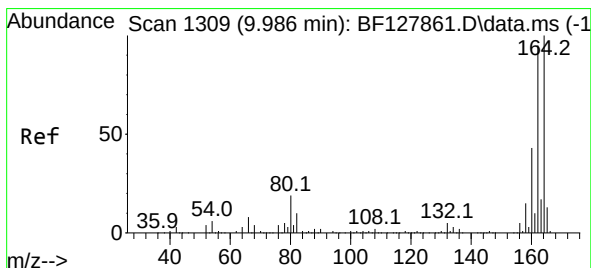
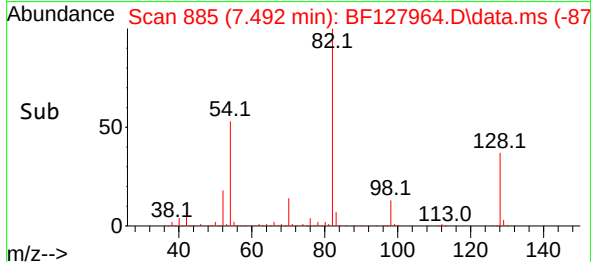
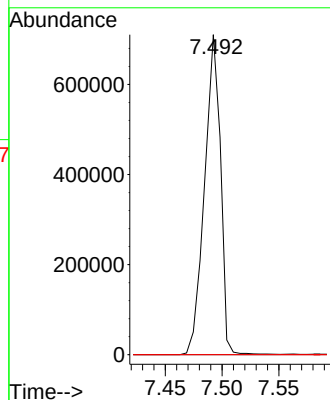
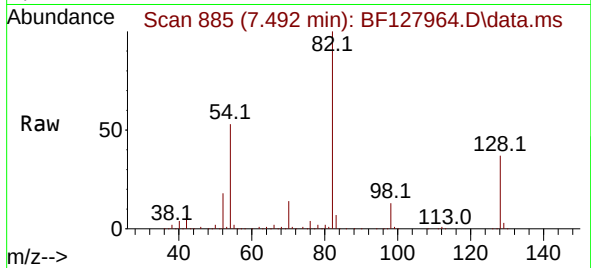




#25
Isophorone
Concen: 49.083 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

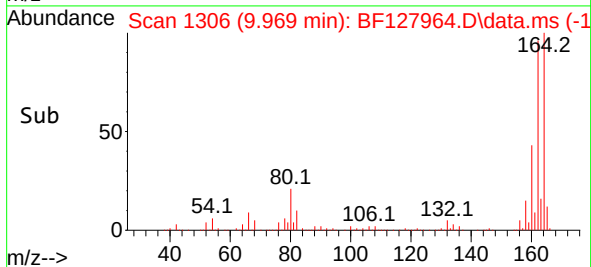
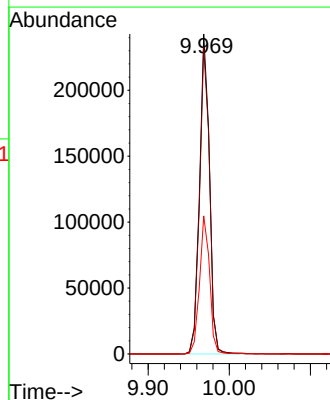
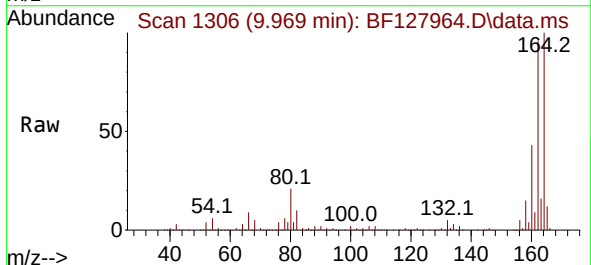
Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

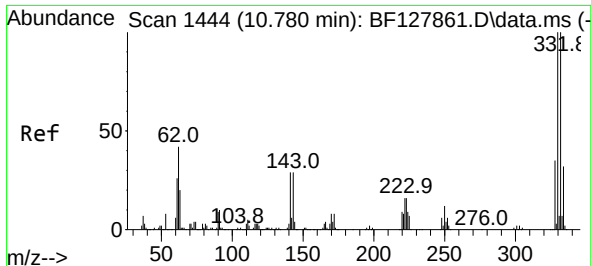
Tgt Ion: 82 Resp: 693732
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

Tgt Ion: 164 Resp: 207376
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 43.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 97.088 ng

RT: 10.763 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127964.D

Acq: 28 Apr 2022 00:12

Instrument :

BNA_F

ClientSampleId :

E14ST-EB4-041922-0-5

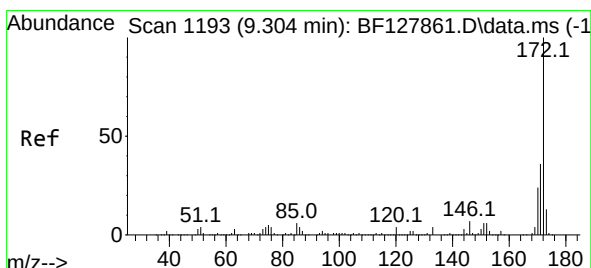
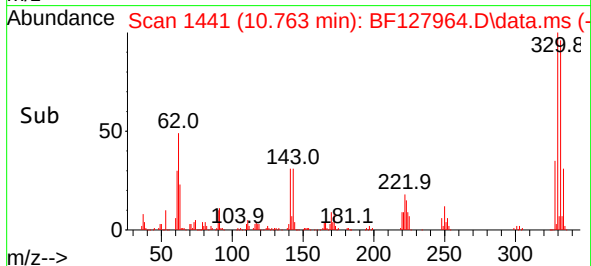
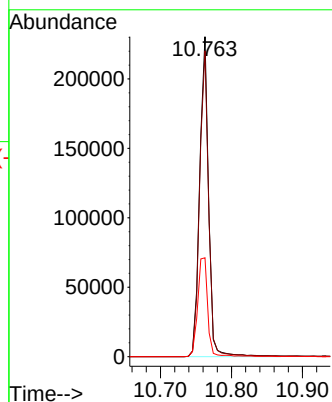
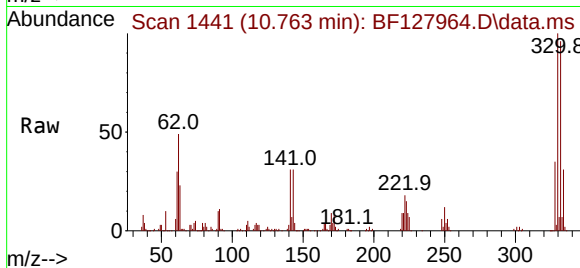
Tgt Ion:330 Resp: 202680

Ion Ratio Lower Upper

330 100

332 96.1 79.0 118.4

141 34.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 89.134 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF127964.D

Acq: 28 Apr 2022 00:12

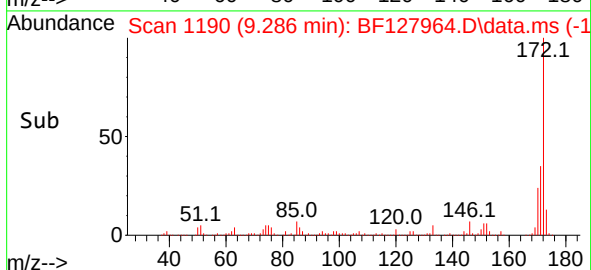
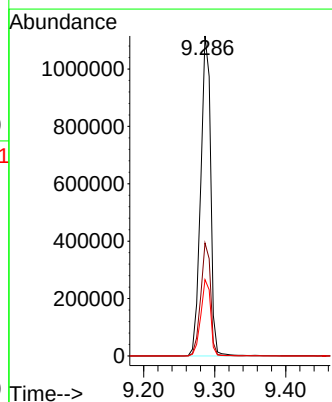
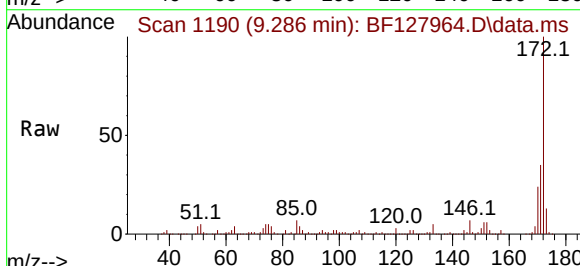
Tgt Ion:172 Resp: 1092622

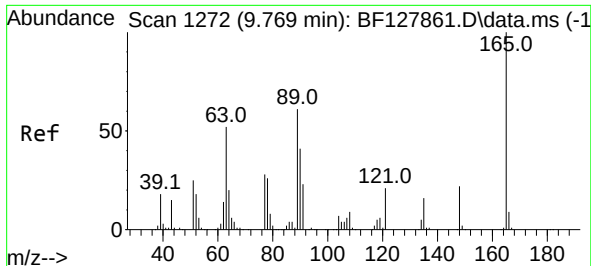
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.9 19.1 28.7

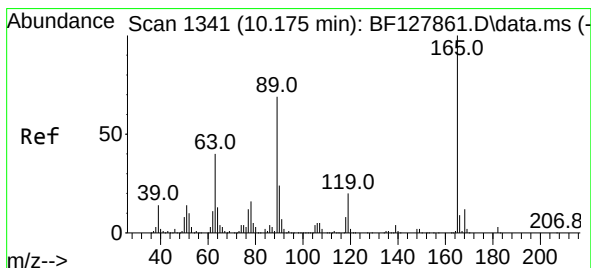
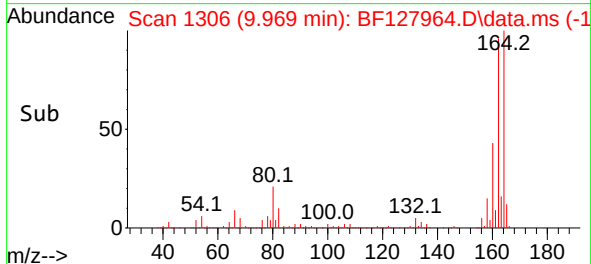
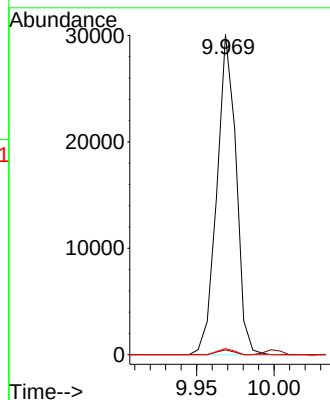
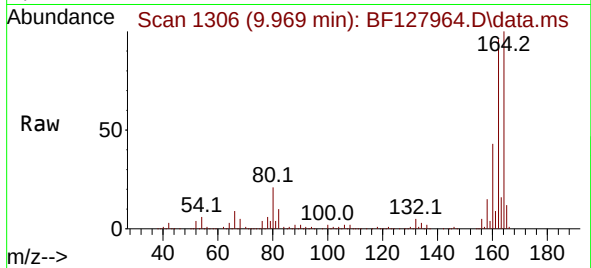




#51
2,6-Dinitrotoluene
Concen: 8.608 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

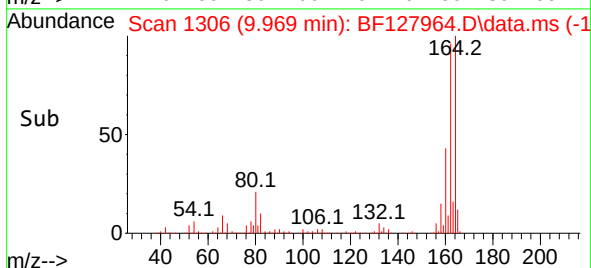
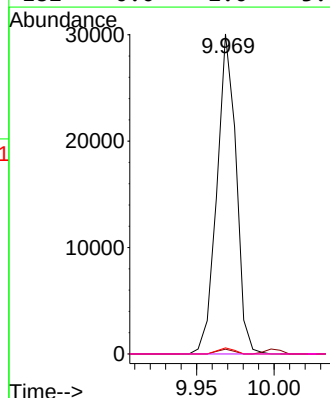
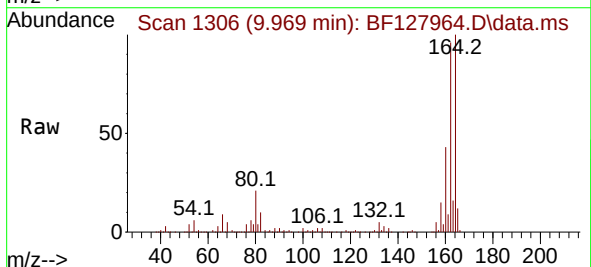
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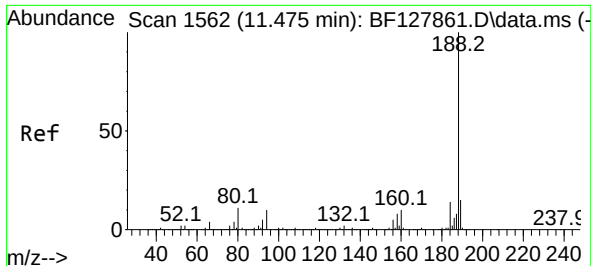
Tgt Ion:165 Resp: 25919
Ion Ratio Lower Upper
165 100
63 1.5 49.5 74.3#
89 1.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.498 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

Tgt Ion:165 Resp: 25919
Ion Ratio Lower Upper
165 100
63 1.5 32.6 49.0#
89 1.9 55.2 82.8#
182 0.0 2.0 3.0#

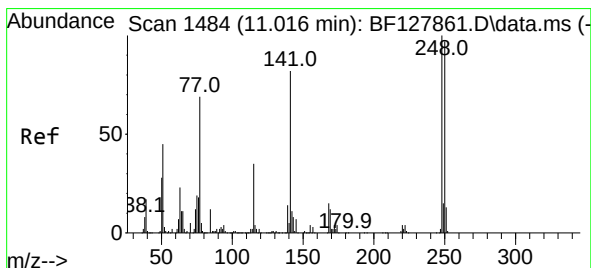
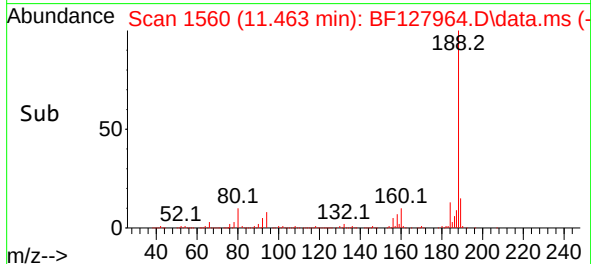
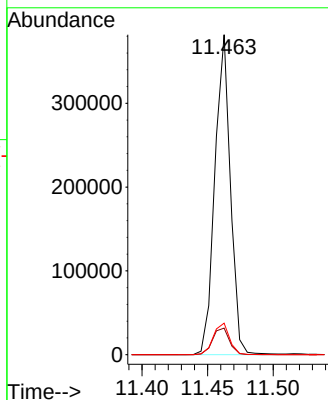
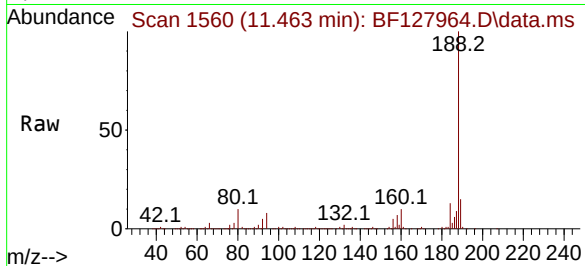




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

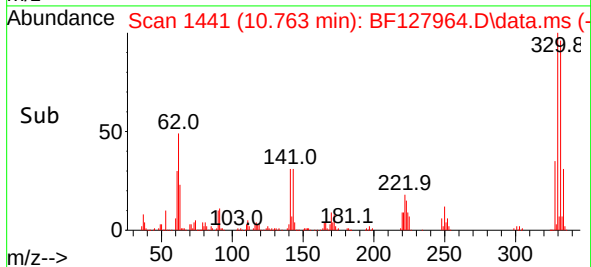
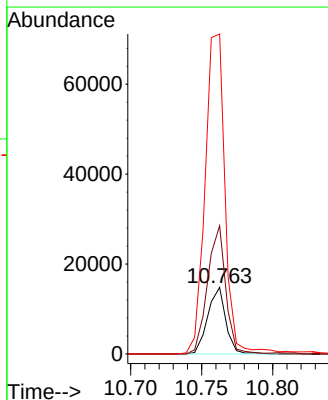
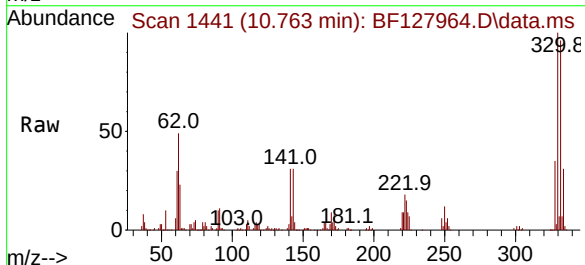
Instrument :
BNA_F
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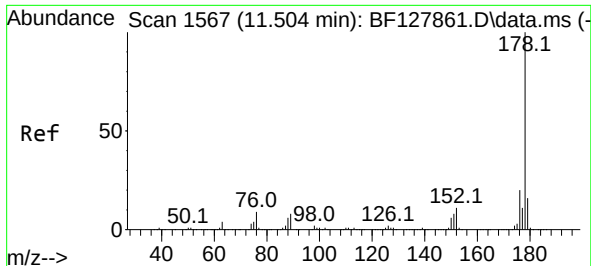
Tgt Ion:188 Resp: 314590
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.758 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

Tgt Ion:248 Resp: 13104
Ion Ratio Lower Upper
248 100
250 192.8 77.7 116.5#
141 481.2 65.6 98.4#

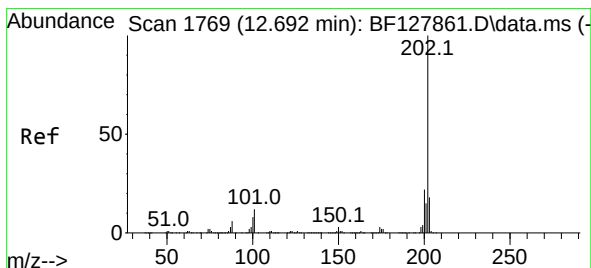
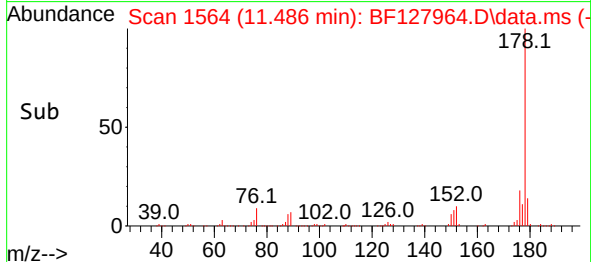
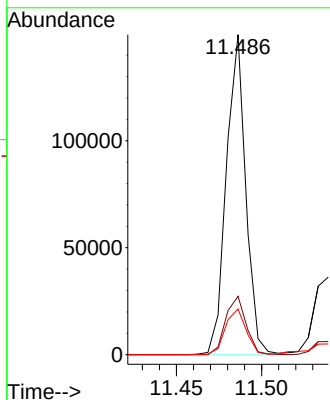
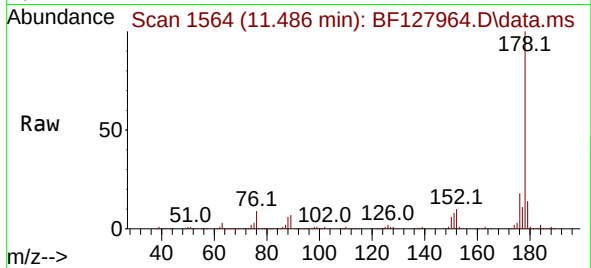




#71
Phenanthrene
Concen: 7.219 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

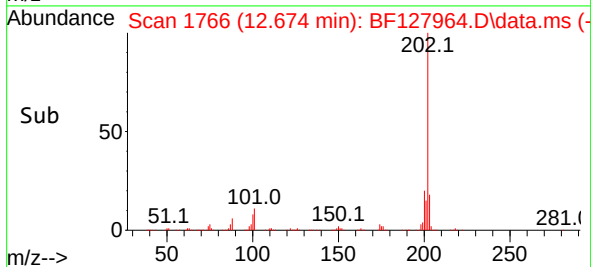
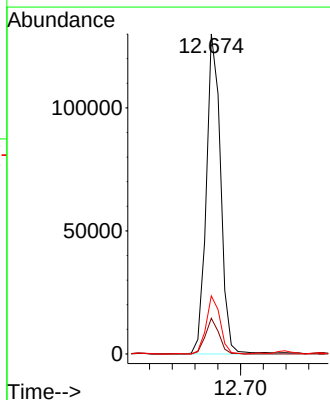
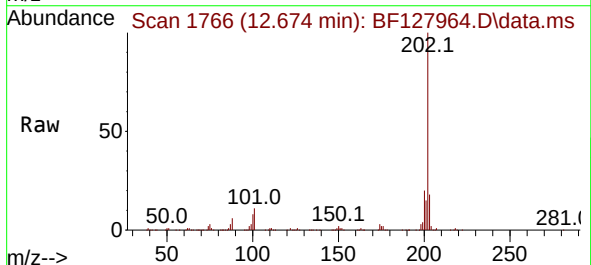
Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

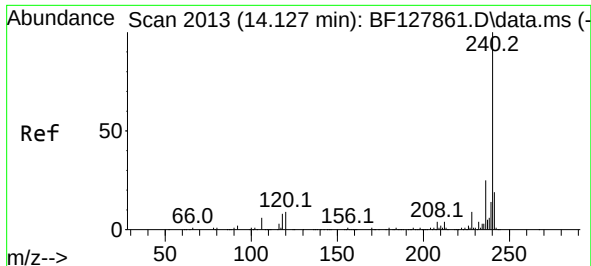
Tgt Ion:178 Resp: 118870
Ion Ratio Lower Upper
178 100
176 18.3 15.7 23.5
179 14.3 12.6 19.0



#75
Fluoranthene
Concen: 6.542 ng
RT: 12.674 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

Tgt Ion:202 Resp: 113382
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.6
203 18.1 0.0 38.1

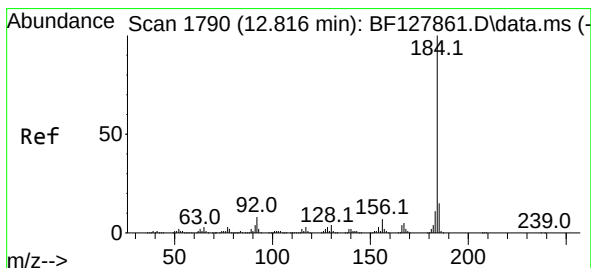
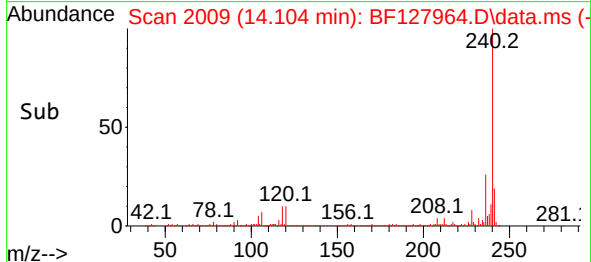
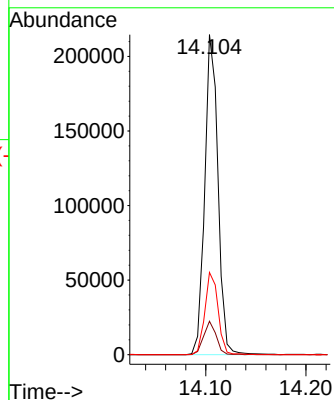
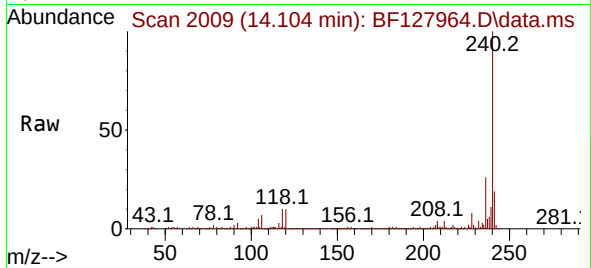




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

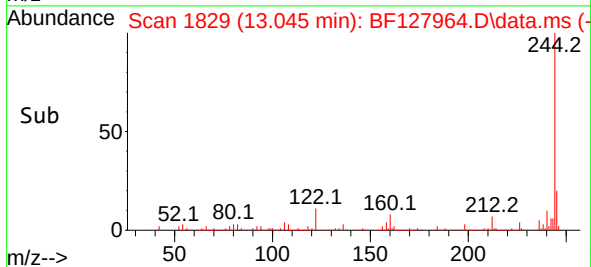
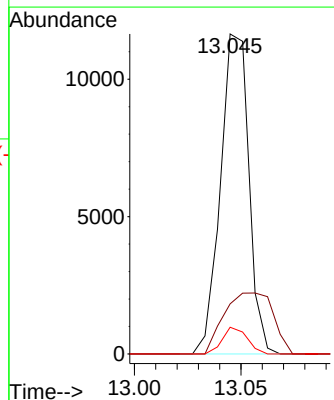
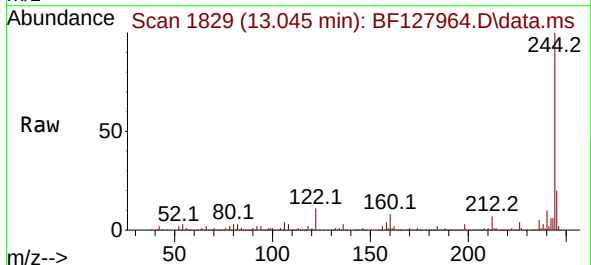
Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

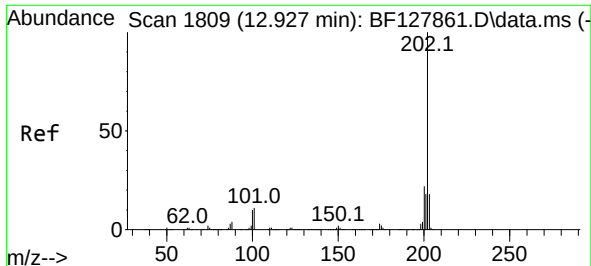
Tgt Ion:240 Resp: 197526
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 25.7 20.3 30.5



#77
Benzidine
Concen: 2.897 ng
RT: 13.045 min Scan# 1829
Delta R.T. 0.241 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

Tgt Ion:184 Resp: 10826
Ion Ratio Lower Upper
184 100
185 15.7 12.1 18.1
183 8.4 9.0 13.4#

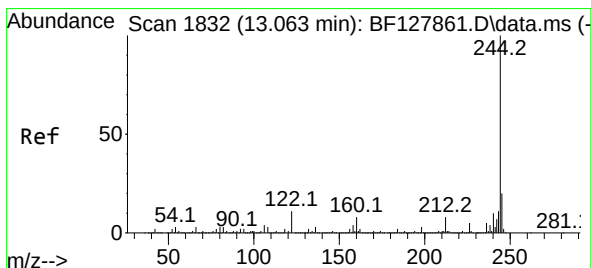
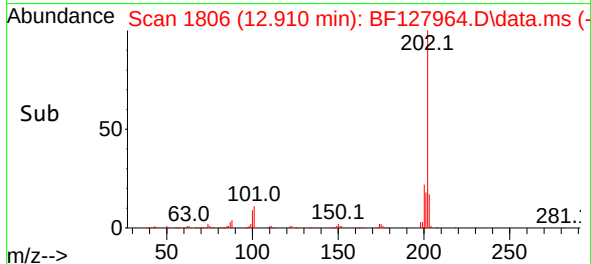
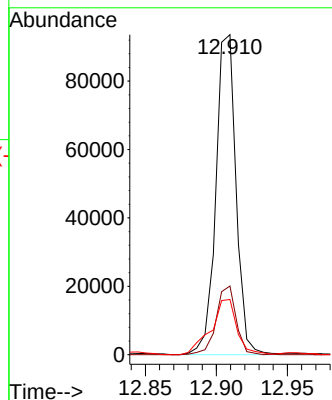
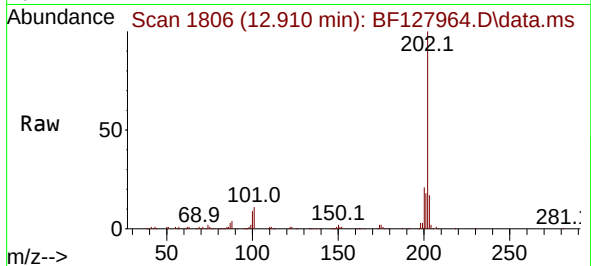




#78
Pyrene
Concen: 5.804 ng
RT: 12.910 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

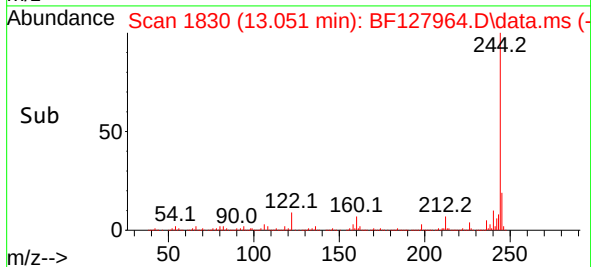
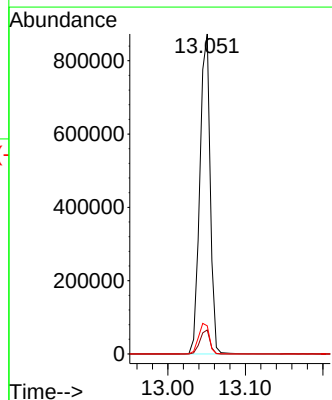
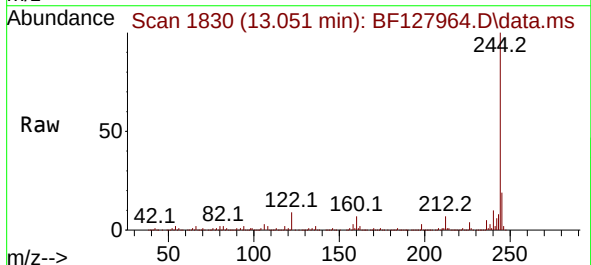
Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

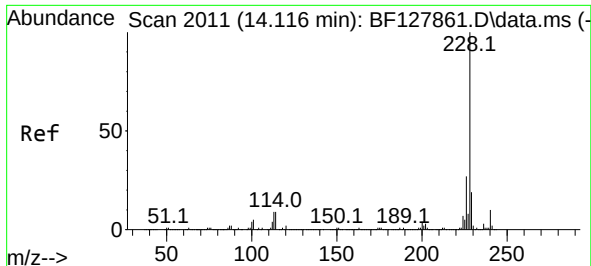
Tgt Ion:202 Resp: 92547
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.2 14.0 21.0



#79
Terphenyl-d14
Concen: 74.711 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

Tgt Ion:244 Resp: 807053
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 8.8 8.6 12.8

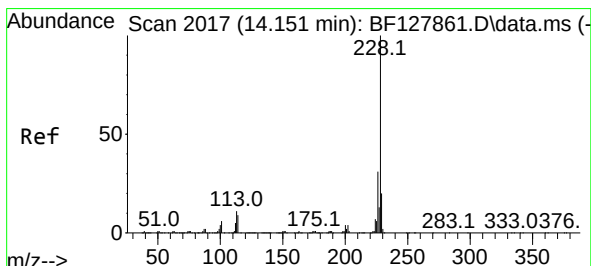
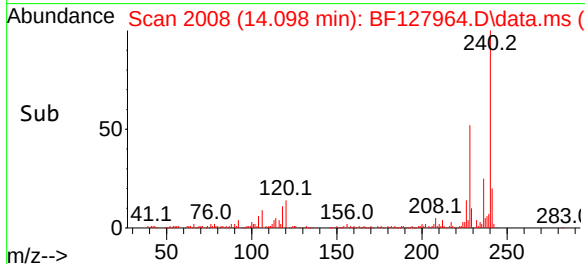
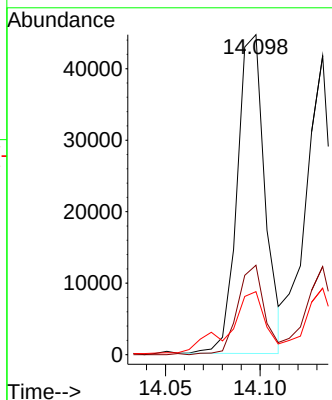
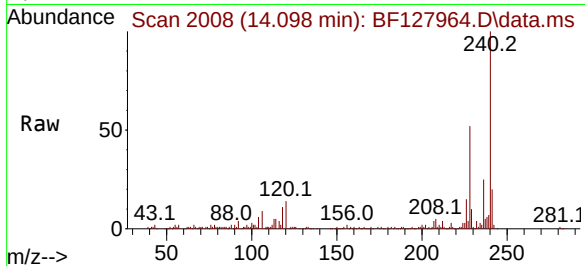




#81
Benzo(a)anthracene
Concen: 3.458 ng
RT: 14.098 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

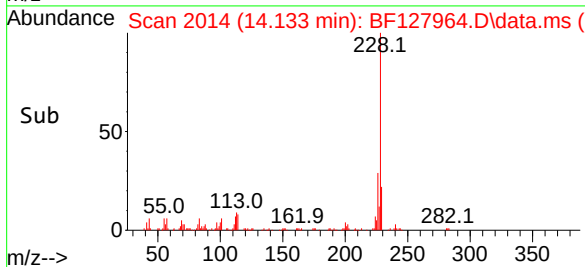
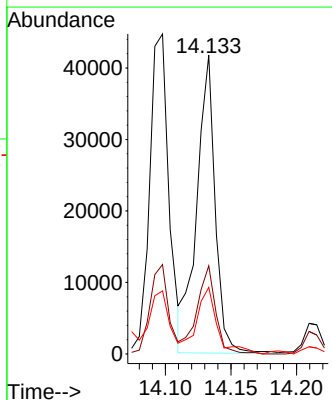
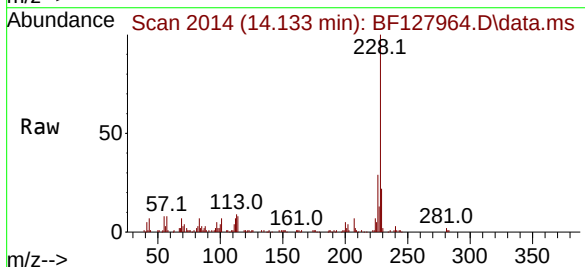
Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

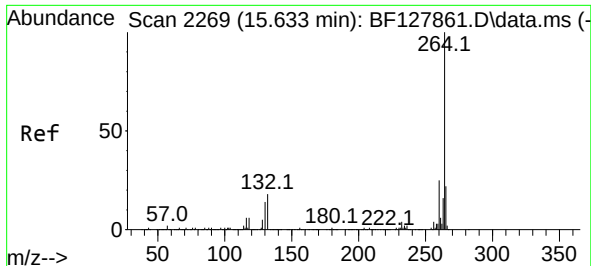
Tgt Ion:228 Resp: 45528
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 19.7 15.4 23.2



#83
Chrysene
Concen: 3.264 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

Tgt Ion:228 Resp: 41045
Ion Ratio Lower Upper
228 100
226 29.5 24.4 36.6
229 22.3 15.8 23.8

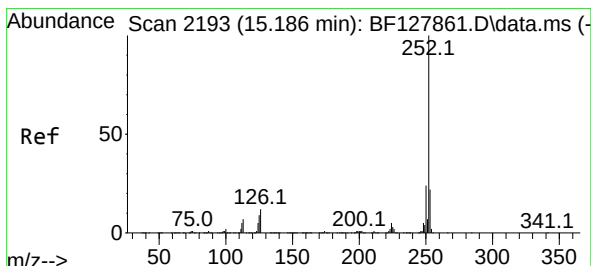
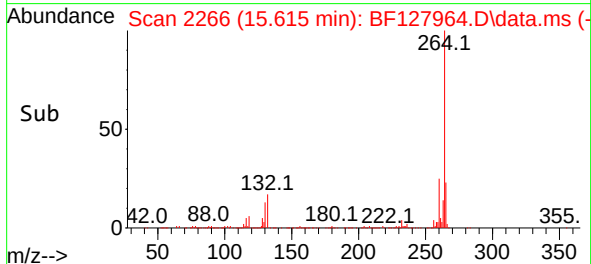
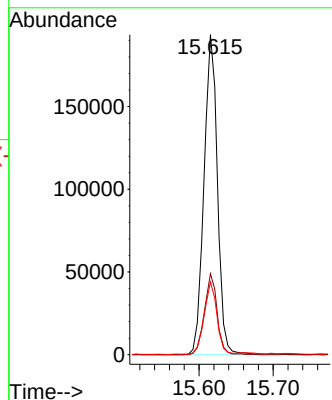
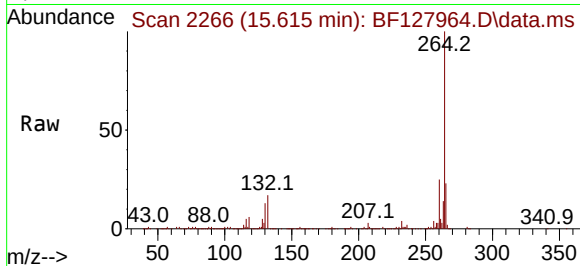




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

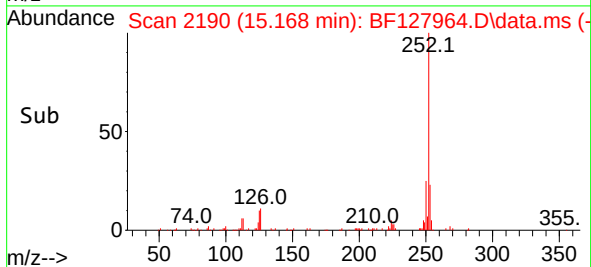
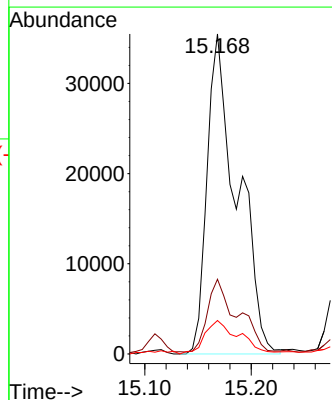
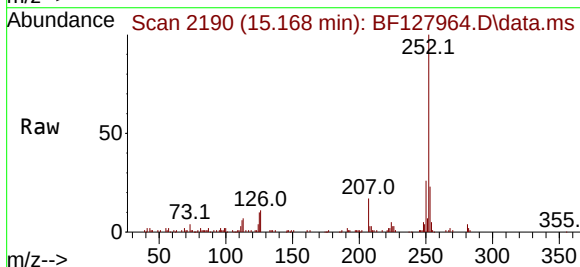
Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

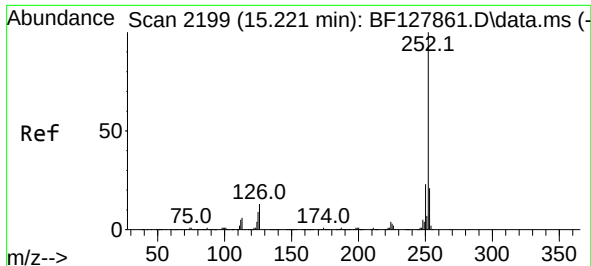
Tgt Ion:264 Resp: 243994
Ion Ratio Lower Upper
264 100
260 25.3 20.1 30.1
265 22.7 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 4.563 ng
RT: 15.168 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

Tgt Ion:252 Resp: 69934
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 10.4 7.4 11.2

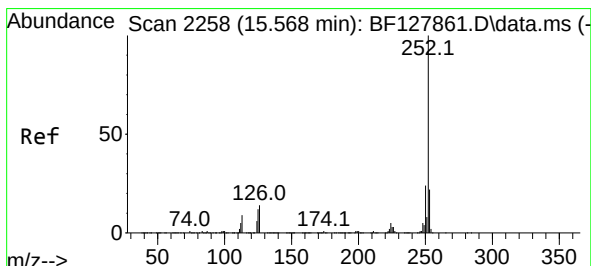
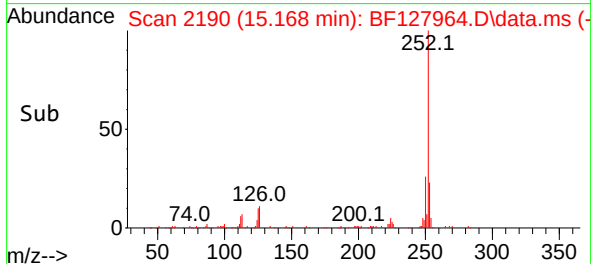
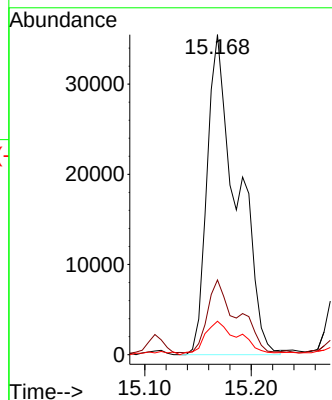
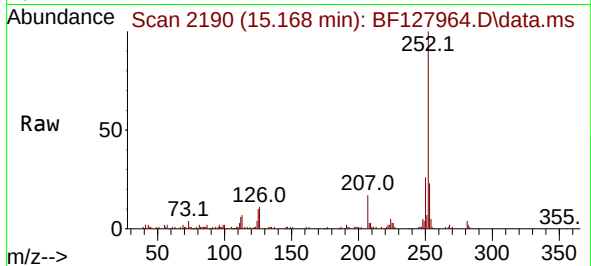




#89
Benzo(k)fluoranthene
Concen: 4.530 ng
RT: 15.168 min Scan# 2199
Delta R.T. -0.041 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

Instrument :
BNA_F
ClientSampleId :
E14ST-EB4-041922-0-5

Tgt Ion:252 Resp: 69934
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.4
125 10.4 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 3.381 ng
RT: 15.551 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF127964.D
Acq: 28 Apr 2022 00:12

Tgt Ion:252 Resp: 42975
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 12.3 9.2 13.8

