

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127896.D
 Acq On : 25 Apr 2022 22:43
 Operator : CG\JU
 Sample : N2466-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E14ST-EB2-041822-0-5-DUP

Quant Time: Apr 26 05:40:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

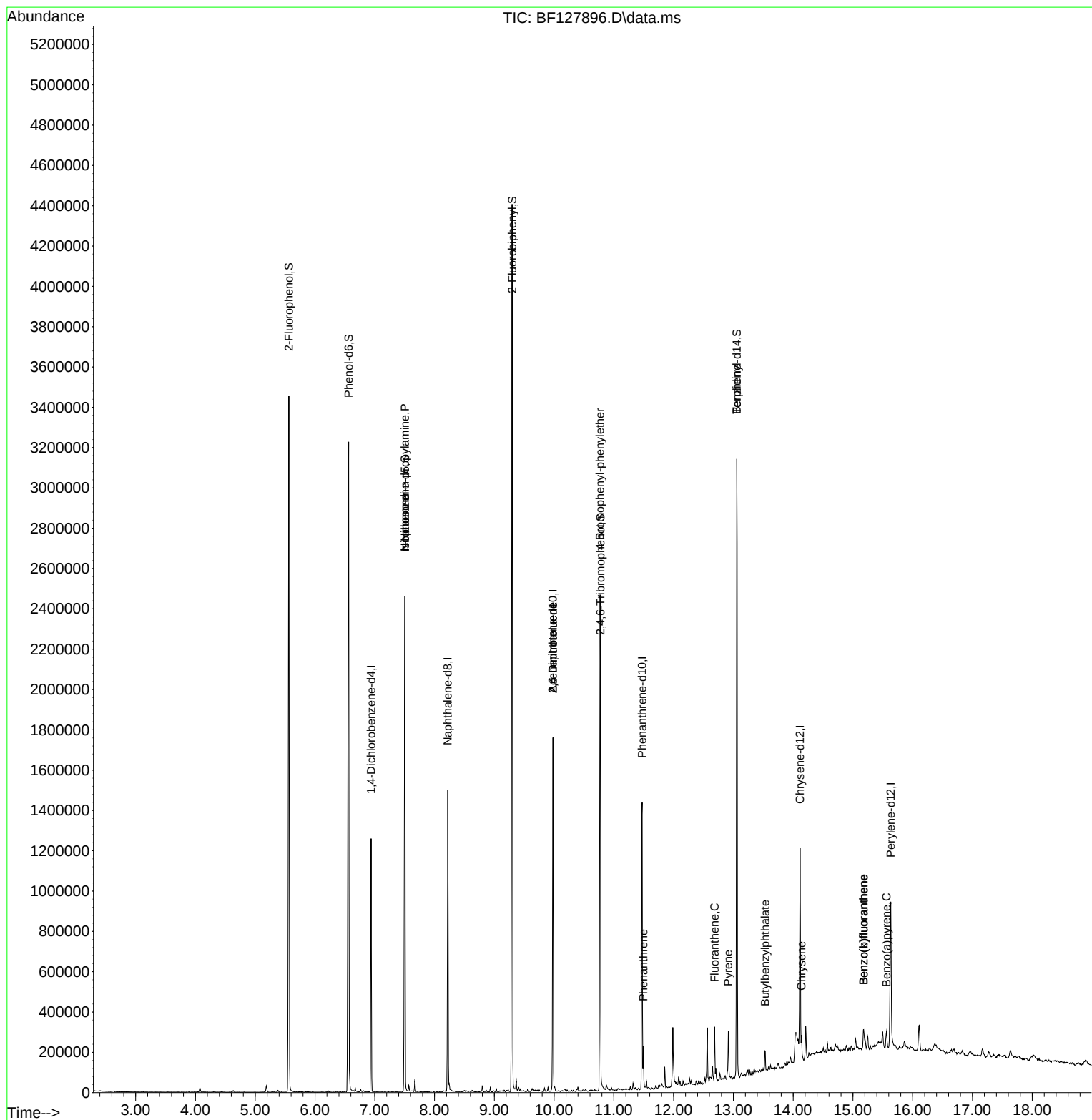
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	157296	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	602603	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	333071	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	549486	20.000	ng	0.00
76) Chrysene-d12	14.115	240	329409	20.000	ng	-0.01
86) Perylene-d12	15.633	264	363054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	879573	89.066	ng	0.00
7) Phenol-d6	6.563	99	1132747	88.398	ng	0.00
23) Nitrobenzene-d5	7.504	82	816895	63.746	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	288974	86.186	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1297725	65.914	ng	0.00
79) Terphenyl-d14	13.057	244	1100604	61.095	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	109284	13.932	ng	# 80
25) Isophorone	7.504	82	816875	37.874	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	44410	9.183	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	44410	6.932	ng	# 26
67) 4-Bromophenyl-phenylether	10.769	248	17985	2.953	ng	# 1
71) Phenanthrene	11.492	178	69527	2.417	ng	99
75) Fluoranthene	12.686	202	95145	3.143	ng	98
77) Benzidine	13.057	184	15403	2.471	ng	# 92
78) Pyrene	12.915	202	89709	3.374	ng	99
80) Butylbenzylphthalate	13.533	149	21300	2.044	ng	91
83) Chrysene	14.139	228	43870	2.092	ng	97
88) Benzo(b)fluoranthene	15.180	252	79839	3.501	ng	# 96
89) Benzo(k)fluoranthene	15.180	252	79839	3.475	ng	# 94
90) Benzo(a)pyrene	15.562	252	43461	2.298	ng	97

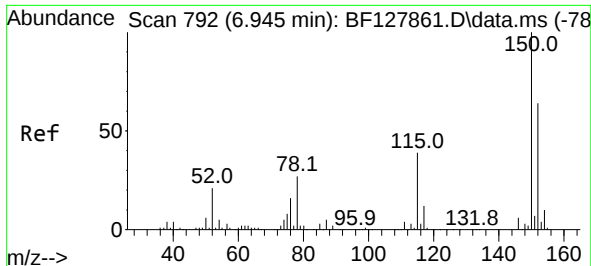
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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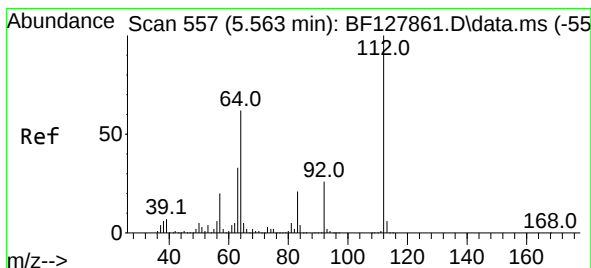
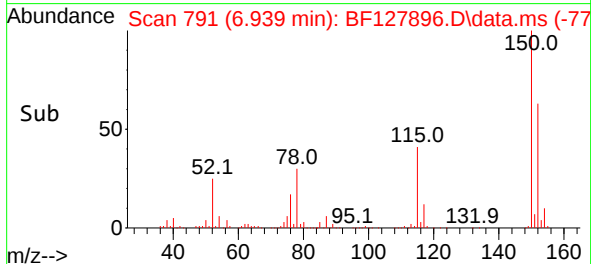
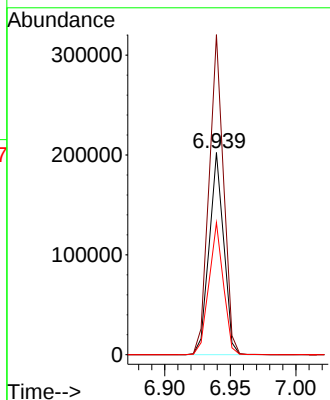
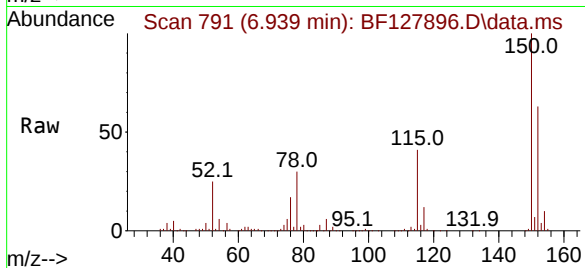




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

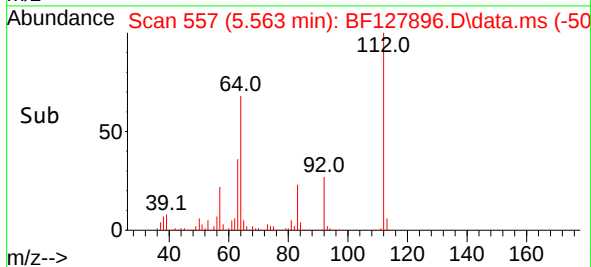
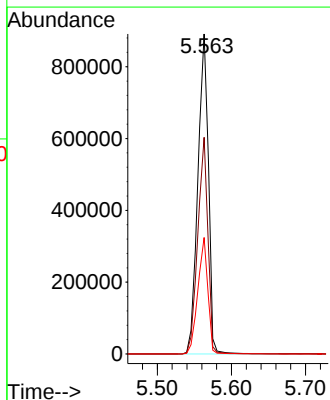
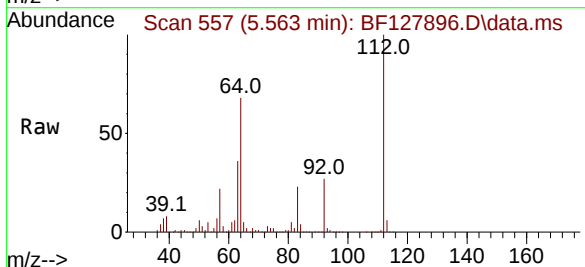
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-0-5-DUP

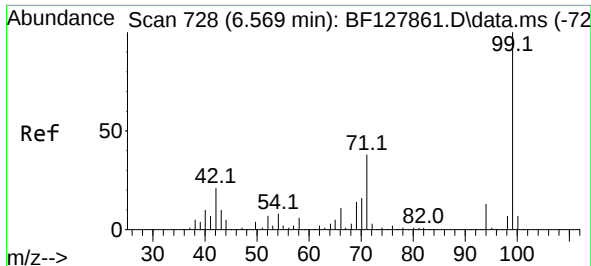
Tgt Ion:152 Resp: 157296
Ion Ratio Lower Upper
152 100
150 158.4 125.3 187.9
115 65.4 48.8 73.2



#5
2-Fluorophenol
Concen: 89.066 ng
RT: 5.563 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

Tgt Ion:112 Resp: 879573
Ion Ratio Lower Upper
112 100
64 67.7 49.5 74.3
63 36.4 26.3 39.5

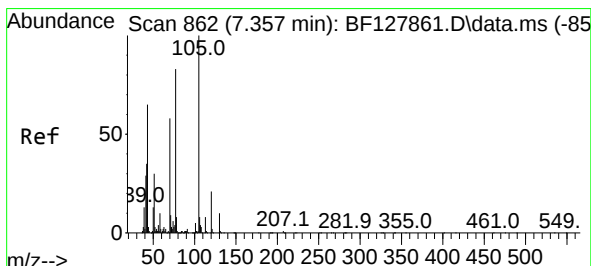
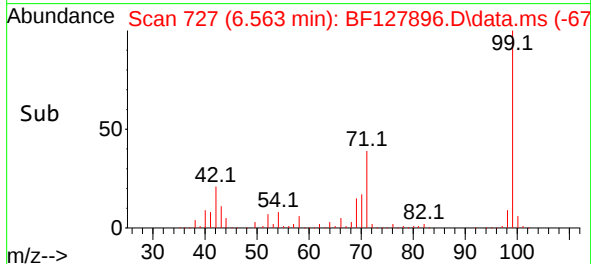
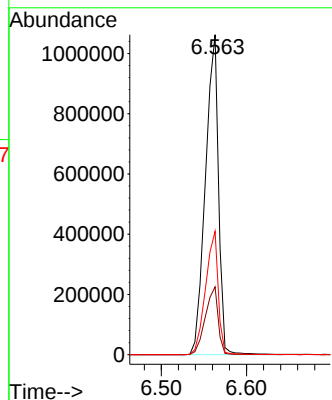
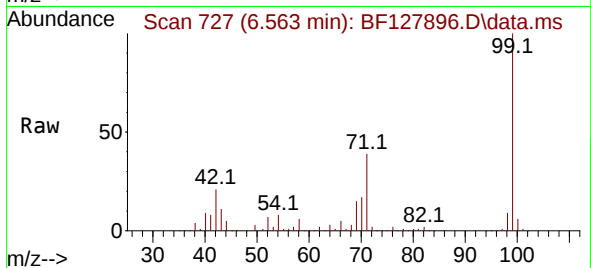




#7
Phenol-d6
Concen: 88.398 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

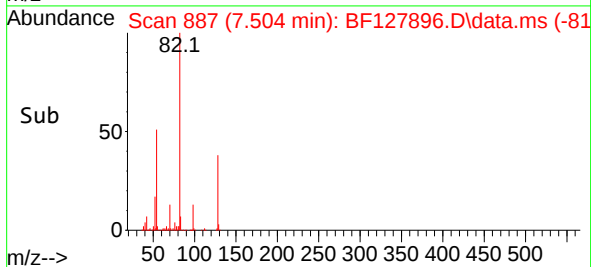
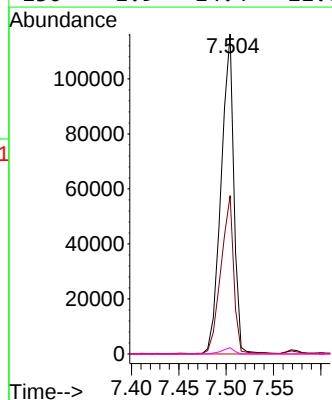
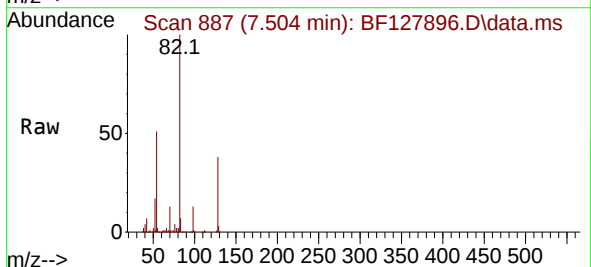
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-0-5-DUP

Tgt Ion: 99 Resp: 1132747
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 38.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.932 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

Tgt Ion: 70 Resp: 109284
Ion Ratio Lower Upper
70 100
42 49.5 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

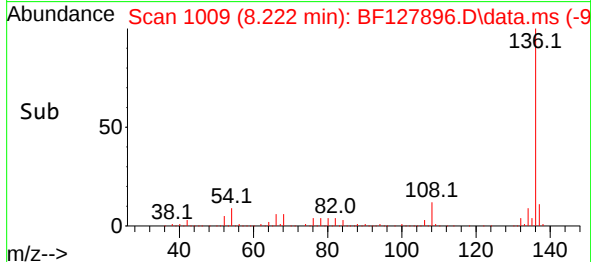
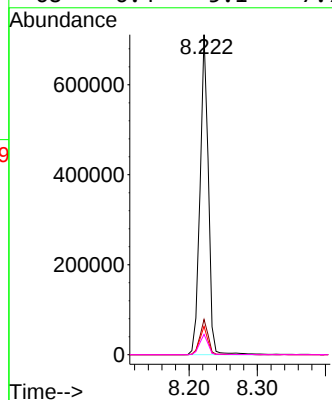
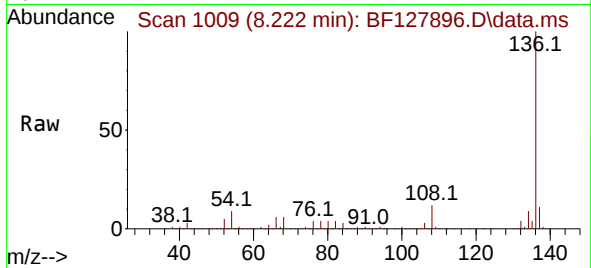




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

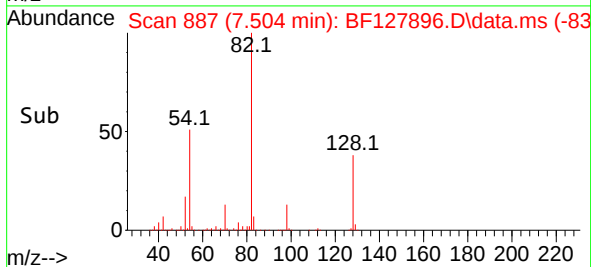
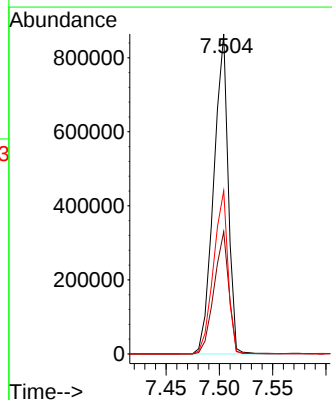
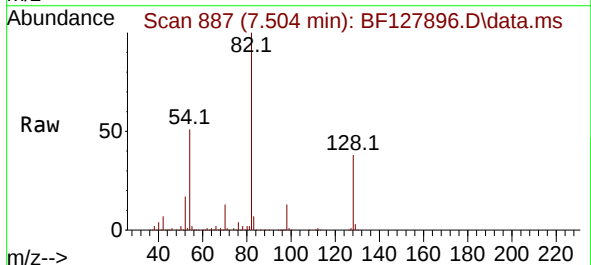
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-0-5-DUP

Tgt Ion:	136	Resp:	602603
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	8.8	6.8	10.2
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 63.746 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

Tgt Ion:	82	Resp:	816895
Ion Ratio	Lower	Upper	
82	100		
128	38.2	30.0	45.0
54	51.0	41.3	61.9

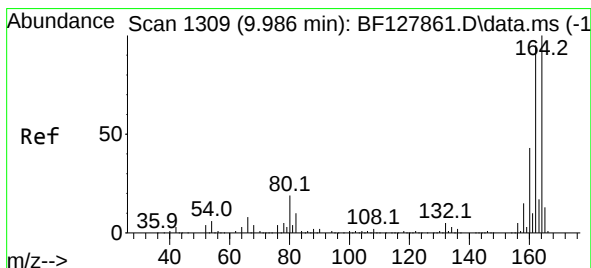
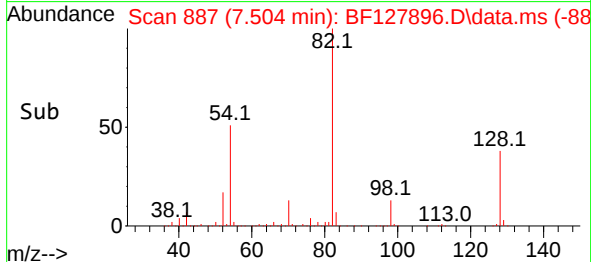
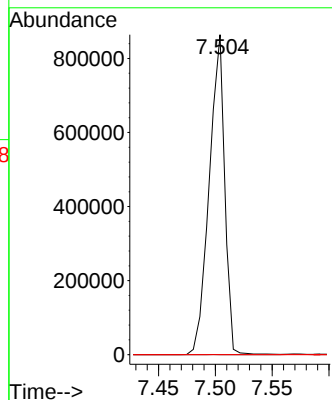
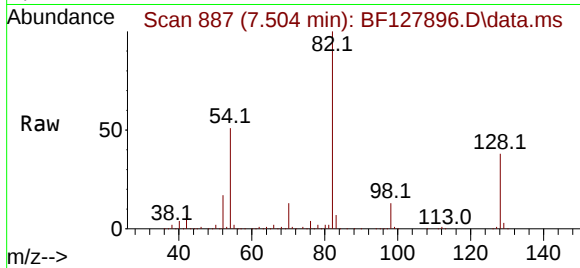




#25
Isophorone
Concen: 37.874 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

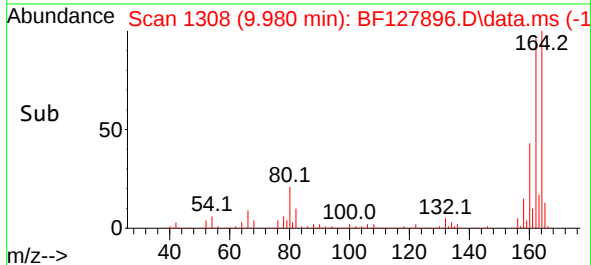
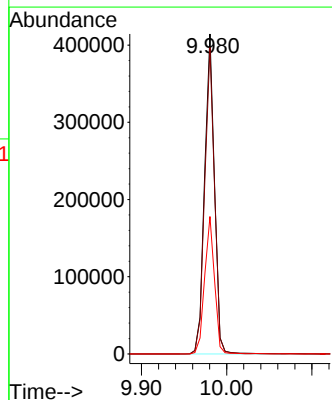
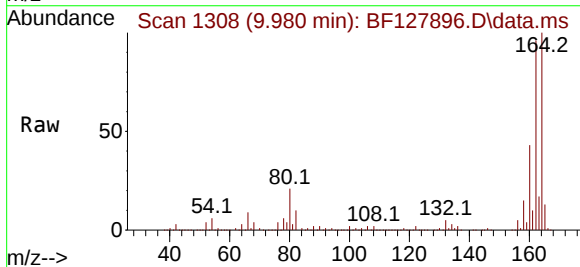
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-0-5-DUP

Tgt Ion: 82 Resp: 816875
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: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

Tgt Ion: 164 Resp: 333071
Ion Ratio Lower Upper
164 100
162 95.7 76.0 114.0
160 42.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 86.186 ng

RT: 10.774 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF127896.D

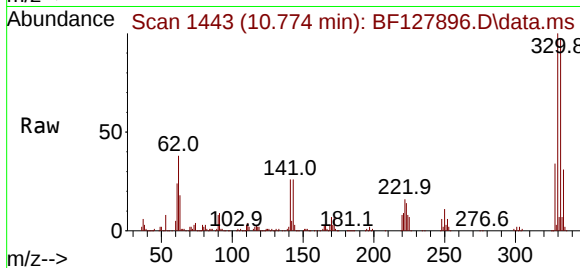
Acq: 25 Apr 2022 22:43

Instrument :

BNA_F

ClientSampleId :

E14ST-EB2-041822-0-5-DUP



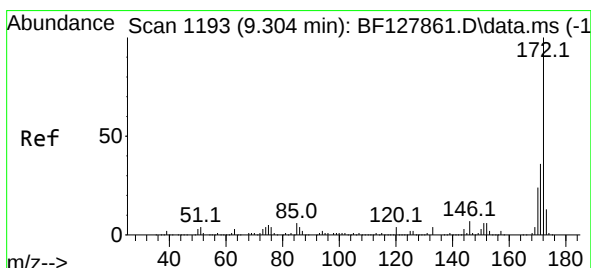
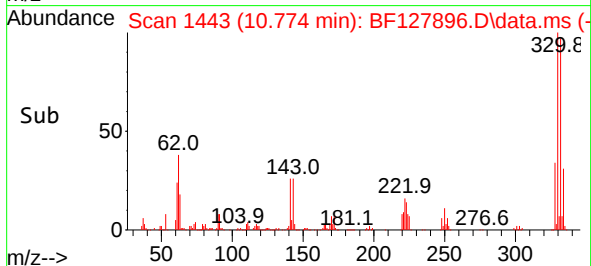
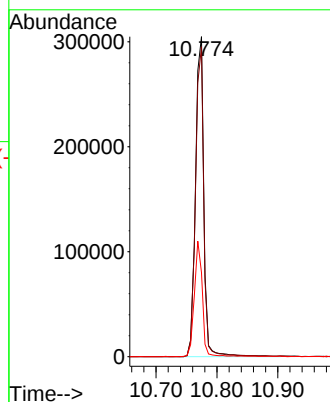
Tgt Ion:330 Resp: 288974

Ion Ratio Lower Upper

330 100

332 96.3 79.0 118.4

141 34.8 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 65.914 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127896.D

Acq: 25 Apr 2022 22:43

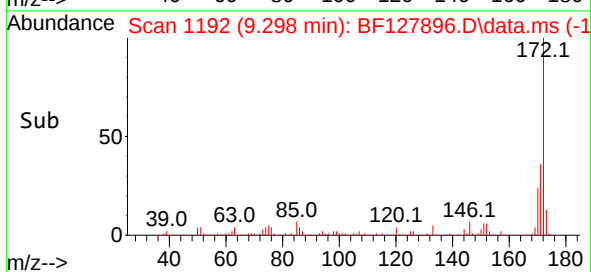
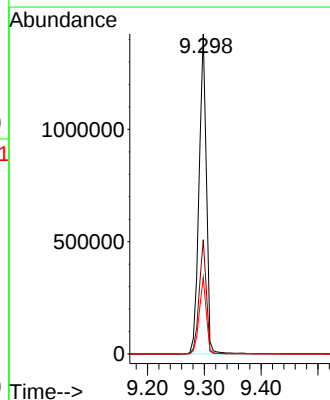
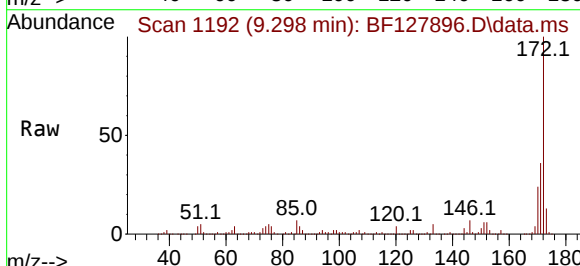
Tgt Ion:172 Resp: 1297725

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.9 19.1 28.7

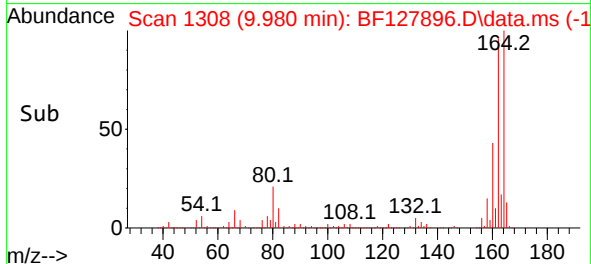
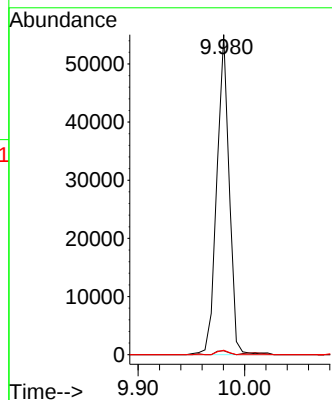
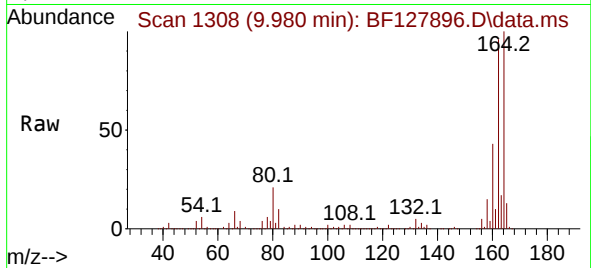




#51
2,6-Dinitrotoluene
Concen: 9.183 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

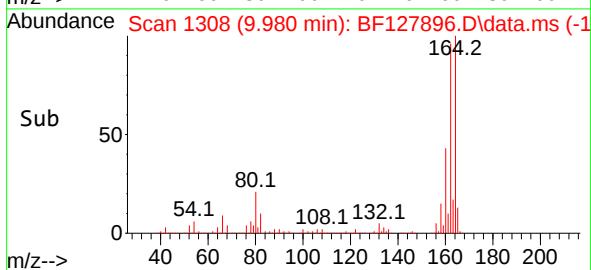
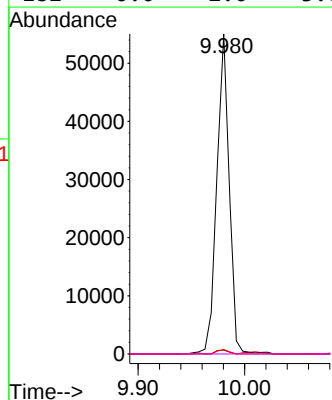
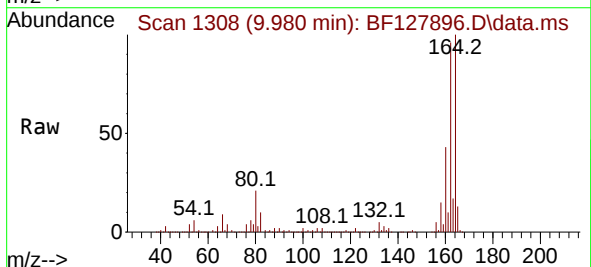
Instrument :
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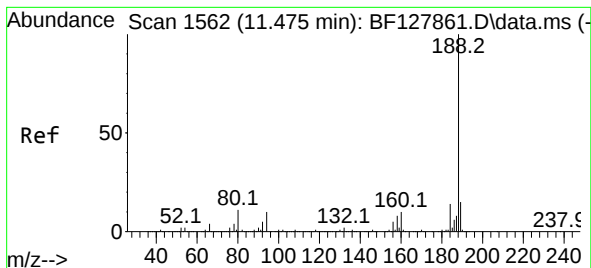
Tgt Ion:165 Resp: 44410
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.932 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

Tgt Ion:165 Resp: 44410
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.474 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127896.D

Acq: 25 Apr 2022 22:43

Instrument :

BNA_F

ClientSampleId :

E14ST-EB2-041822-0-5-DUP

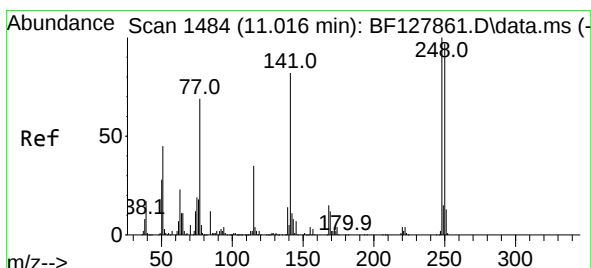
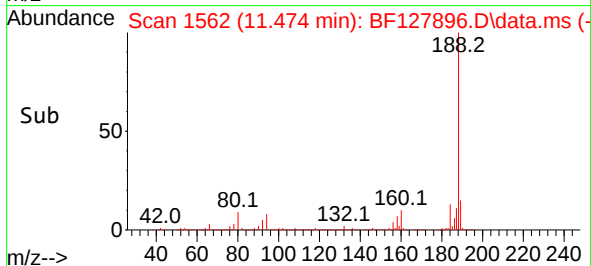
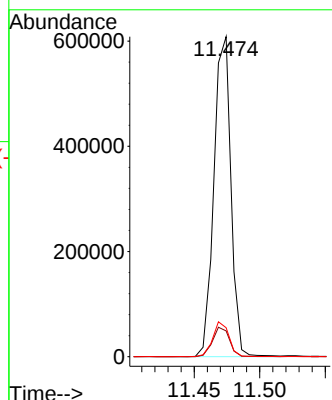
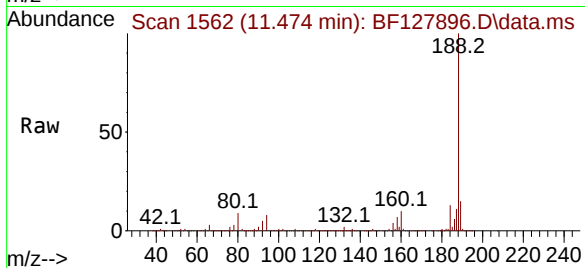
Tgt Ion:188 Resp: 549486

Ion Ratio Lower Upper

188 100

94 8.1 8.0 12.0

80 9.1 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 2.953 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.247 min

Lab File: BF127896.D

Acq: 25 Apr 2022 22:43

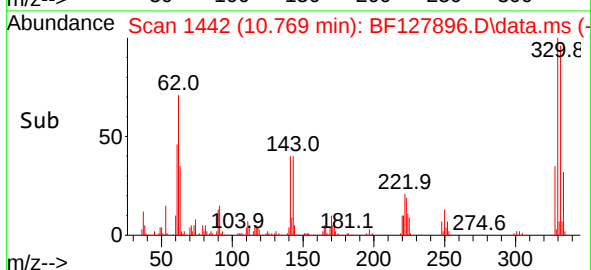
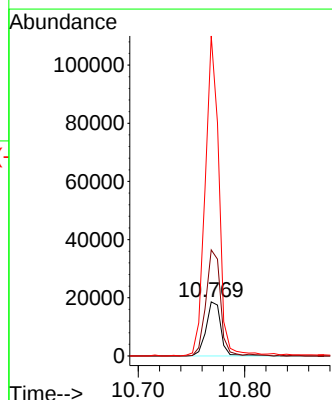
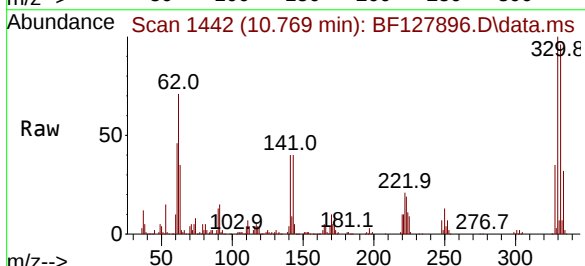
Tgt Ion:248 Resp: 17985

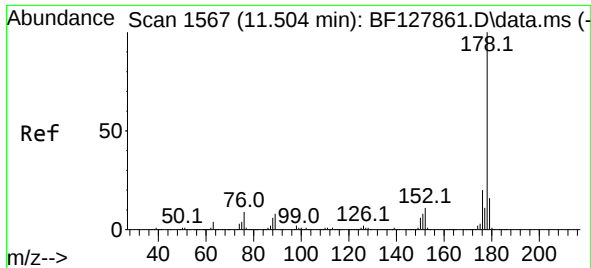
Ion Ratio Lower Upper

248 100

250 196.1 77.7 116.5#

141 591.7 65.6 98.4#

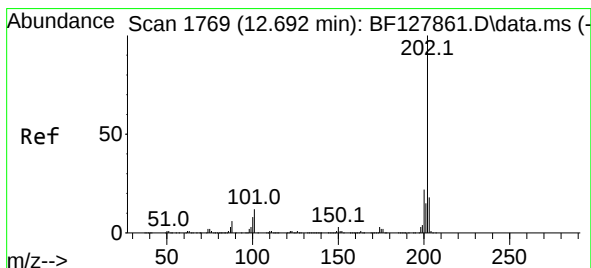
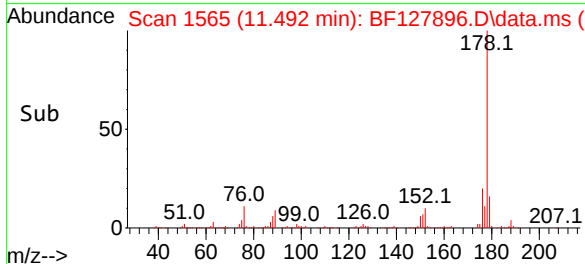
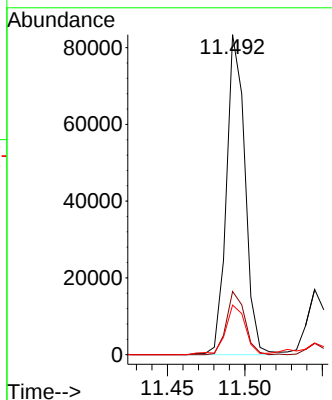
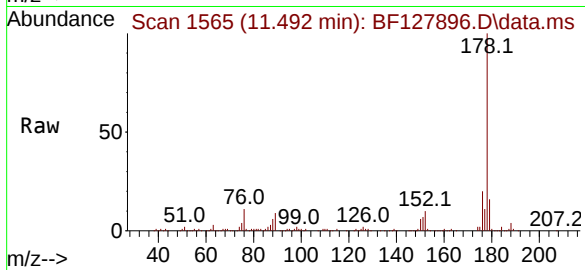




#71
Phenanthrene
Concen: 2.417 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

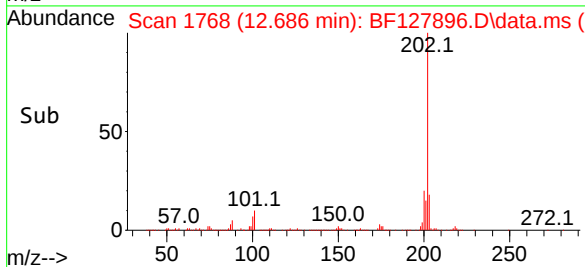
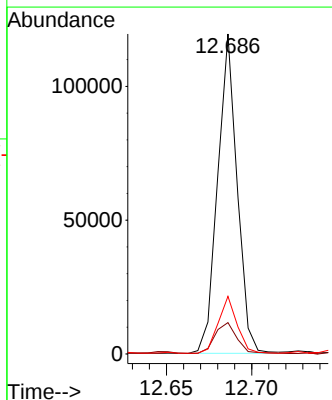
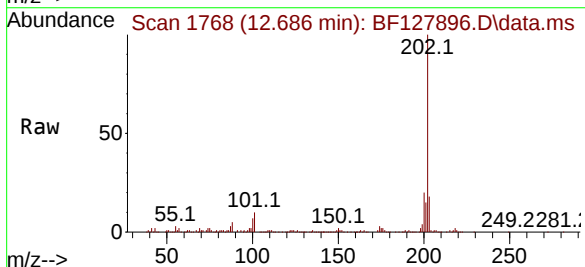
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-0-5-DUP

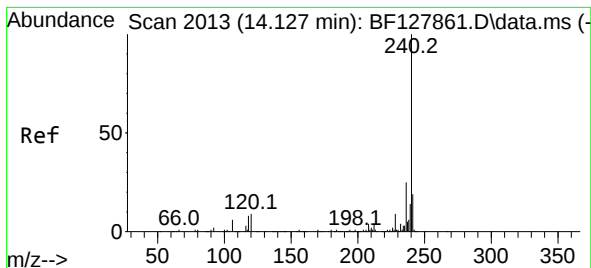
Tgt Ion:178 Resp: 69527
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.5 12.6 19.0



#75
Fluoranthene
Concen: 3.143 ng
RT: 12.686 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

Tgt Ion:202 Resp: 95145
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.6
203 18.0 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.115 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF127896.D

Acq: 25 Apr 2022 22:43

Instrument :

BNA_F

ClientSampleId :

E14ST-EB2-041822-0-5-DUP

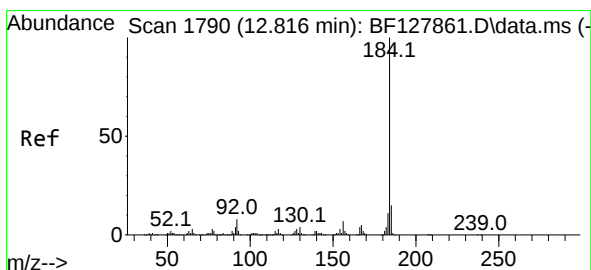
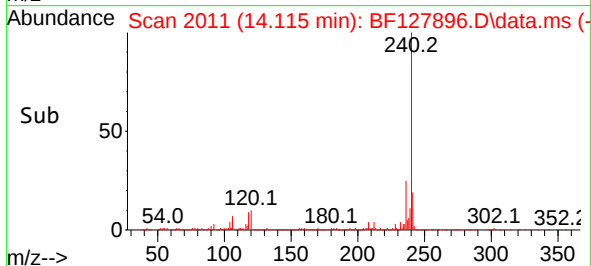
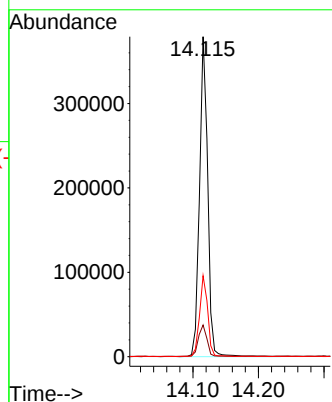
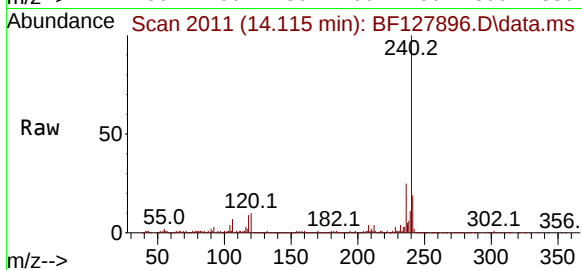
Tgt Ion:240 Resp: 329409

Ion Ratio Lower Upper

240 100

120 9.9 7.0 10.6

236 25.3 20.3 30.5



#77

Benzidine

Concen: 2.471 ng

RT: 13.057 min Scan# 1831

Delta R.T. 0.241 min

Lab File: BF127896.D

Acq: 25 Apr 2022 22:43

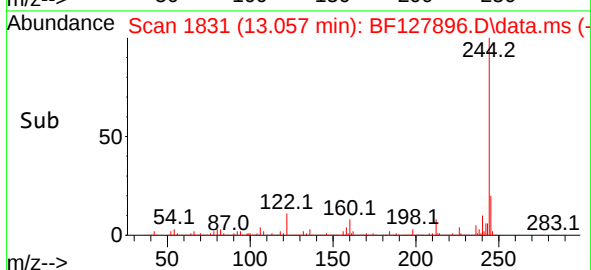
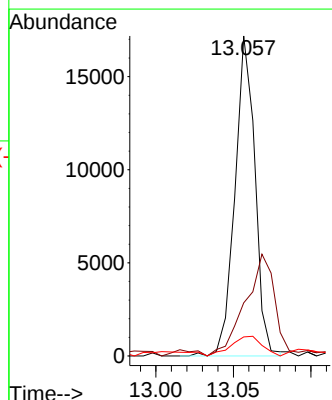
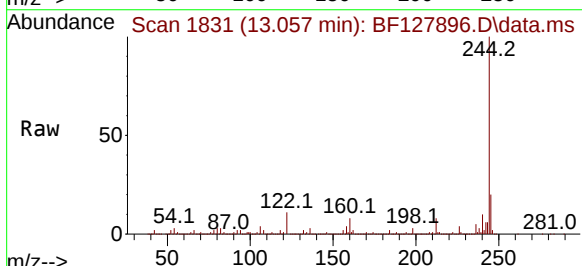
Tgt Ion:184 Resp: 15403

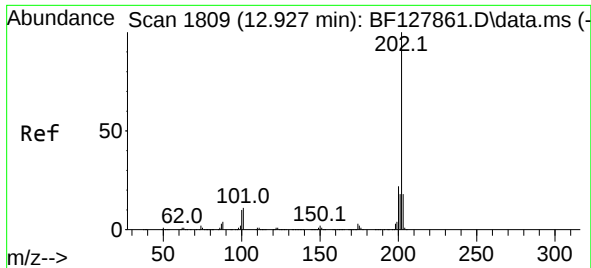
Ion Ratio Lower Upper

184 100

185 16.6 12.1 18.1

183 6.0 9.0 13.4#

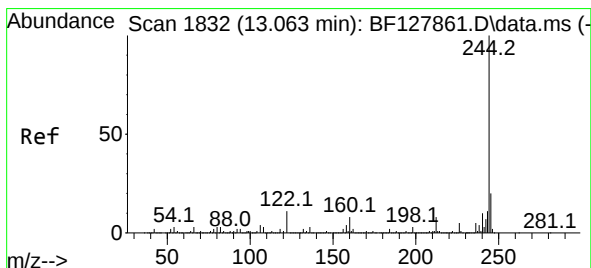
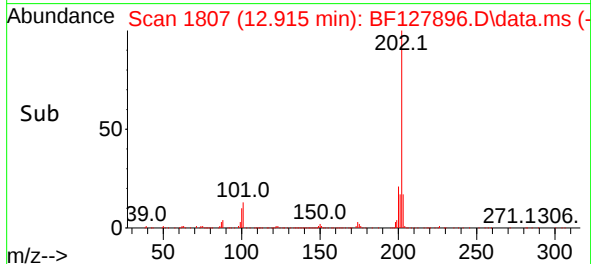
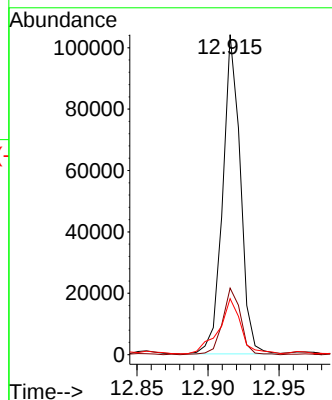
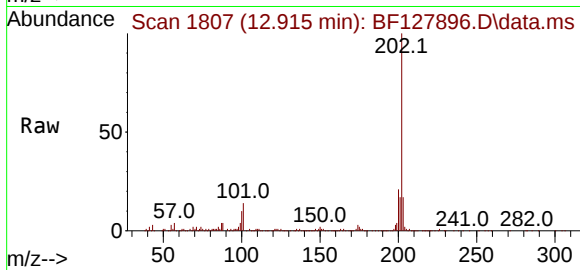




#78
 Pyrene
 Concen: 3.374 ng
 RT: 12.915 min Scan# 1807
 Delta R.T. -0.012 min
 Lab File: BF127896.D
 Acq: 25 Apr 2022 22:43

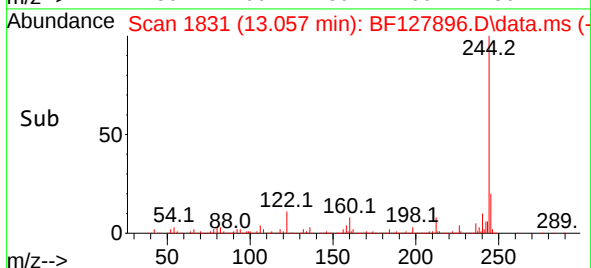
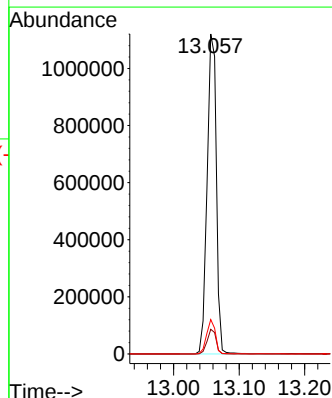
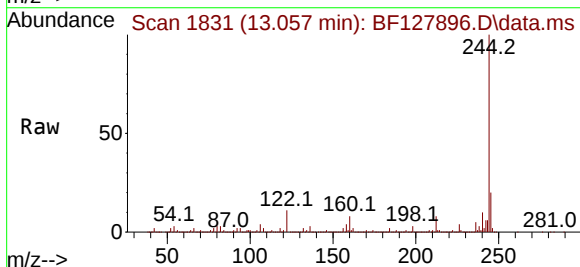
Instrument :
 BNA_F
 ClientSampleId :
 E14ST-EB2-041822-0-5-DUP

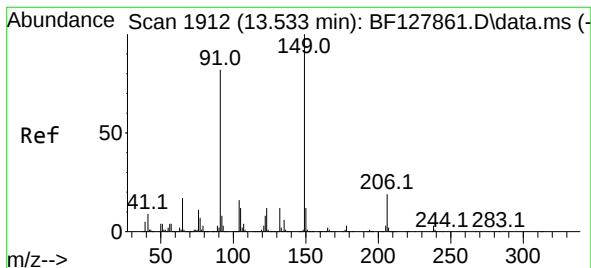
Tgt Ion:202 Resp: 89709
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.4 26.2
 203 17.5 14.0 21.0



#79
 Terphenyl-d14
 Concen: 61.095 ng
 RT: 13.057 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF127896.D
 Acq: 25 Apr 2022 22:43

Tgt Ion:244 Resp: 1100604
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.7 8.6 12.8





#80

Butylbenzylphthalate

Concen: 2.044 ng

RT: 13.533 min Scan# 1912

Delta R.T. -0.000 min

Lab File: BF127896.D

Acq: 25 Apr 2022 22:43

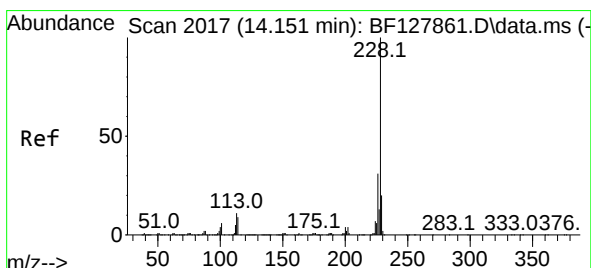
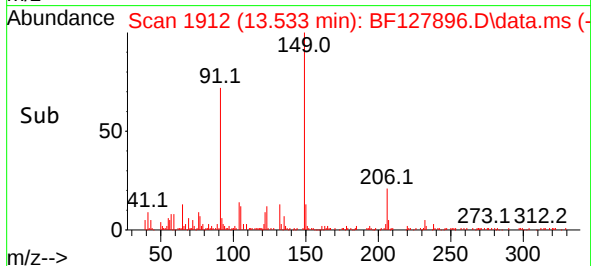
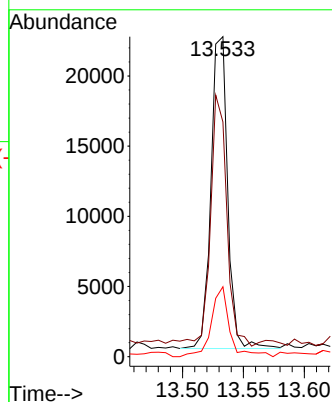
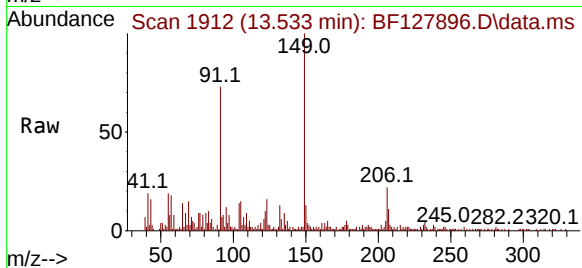
Instrument :

BNA_F

ClientSampleId :

E14ST-EB2-041822-0-5-DUP

Tgt Ion:	149	Resp:	21300
Ion Ratio	Lower	Upper	
149	100		
91	73.3	65.8	98.6
206	21.9	15.4	23.2



#83

Chrysene

Concen: 2.092 ng

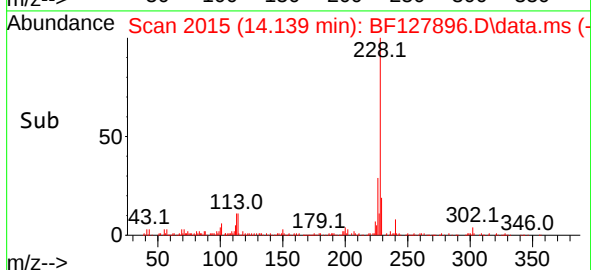
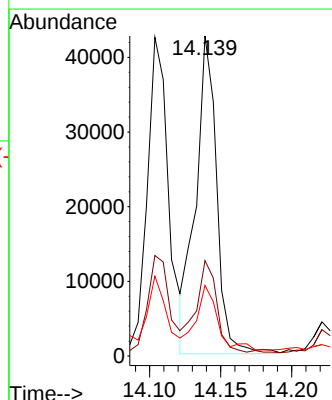
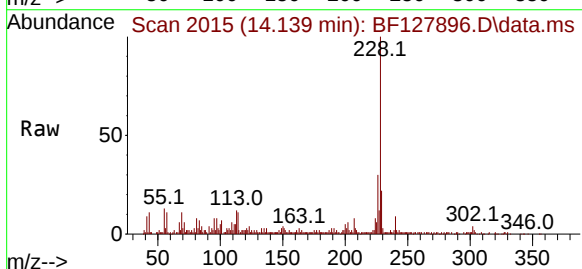
RT: 14.139 min Scan# 2015

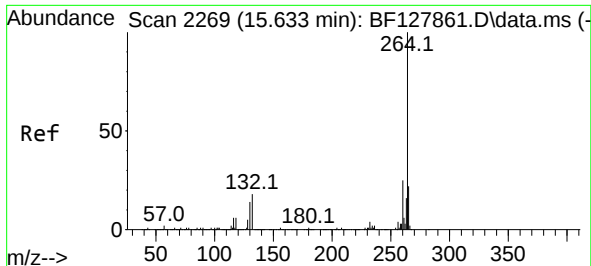
Delta R.T. -0.012 min

Lab File: BF127896.D

Acq: 25 Apr 2022 22:43

Tgt Ion:	228	Resp:	43870
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.4	36.6
229	22.0	15.8	23.8

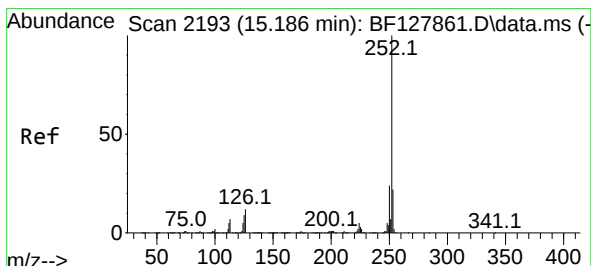
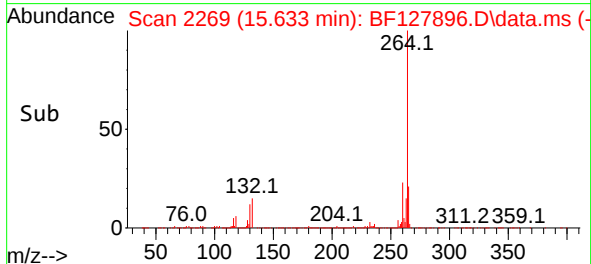
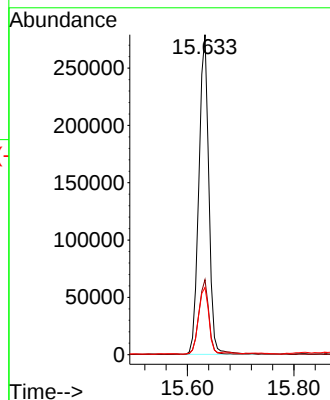
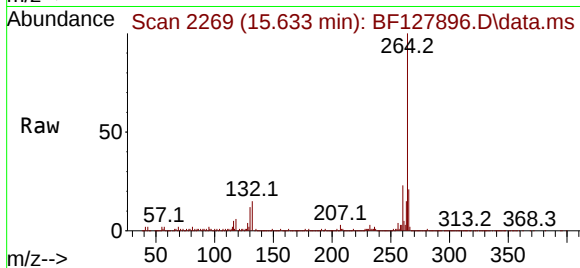




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

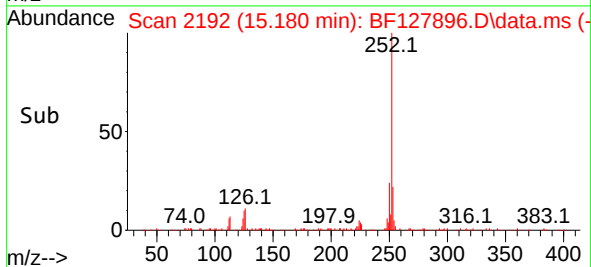
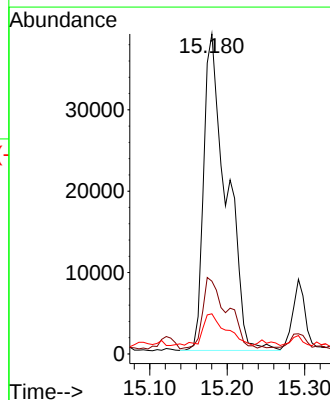
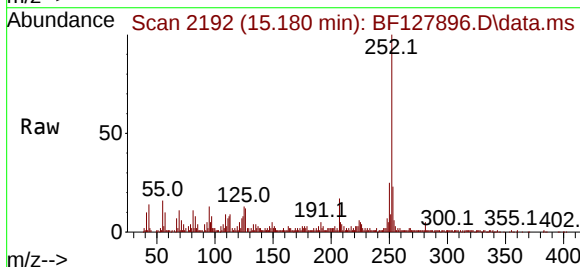
Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-0-5-DUP

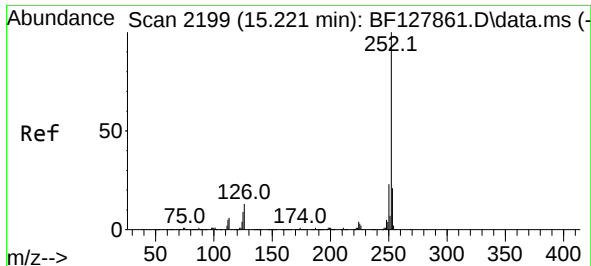
Tgt Ion:264 Resp: 363054
Ion Ratio Lower Upper
264 100
260 23.4 20.1 30.1
265 21.0 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 3.501 ng
RT: 15.180 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

Tgt Ion:252 Resp: 79839
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 12.5 7.4 11.2#

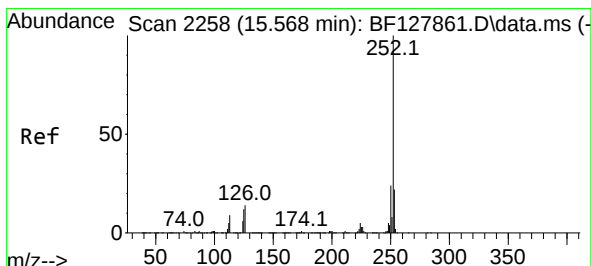
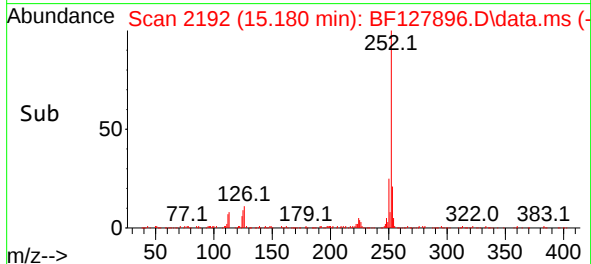
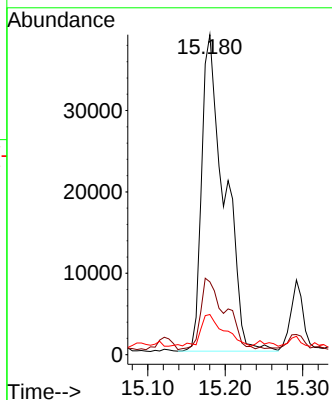
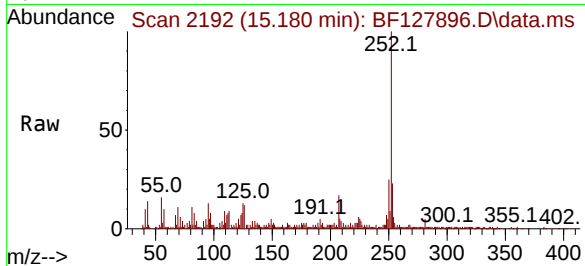




#89
Benzo(k)fluoranthene
Concen: 3.475 ng
RT: 15.180 min Scan# 2199
Delta R.T. -0.041 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

Instrument :
BNA_F
ClientSampleId :
E14ST-EB2-041822-0-5-DUP

Tgt Ion:252 Resp: 79839
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.4
125 12.5 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 2.298 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF127896.D
Acq: 25 Apr 2022 22:43

Tgt Ion:252 Resp: 43461
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 13.8 9.2 13.8

