

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124427.D
 Acq On : 22 Jun 2021 23:18
 Operator : JU/CG
 Sample : M2789-23
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1ST-WALLS

Quant Time: Jun 23 02:52:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

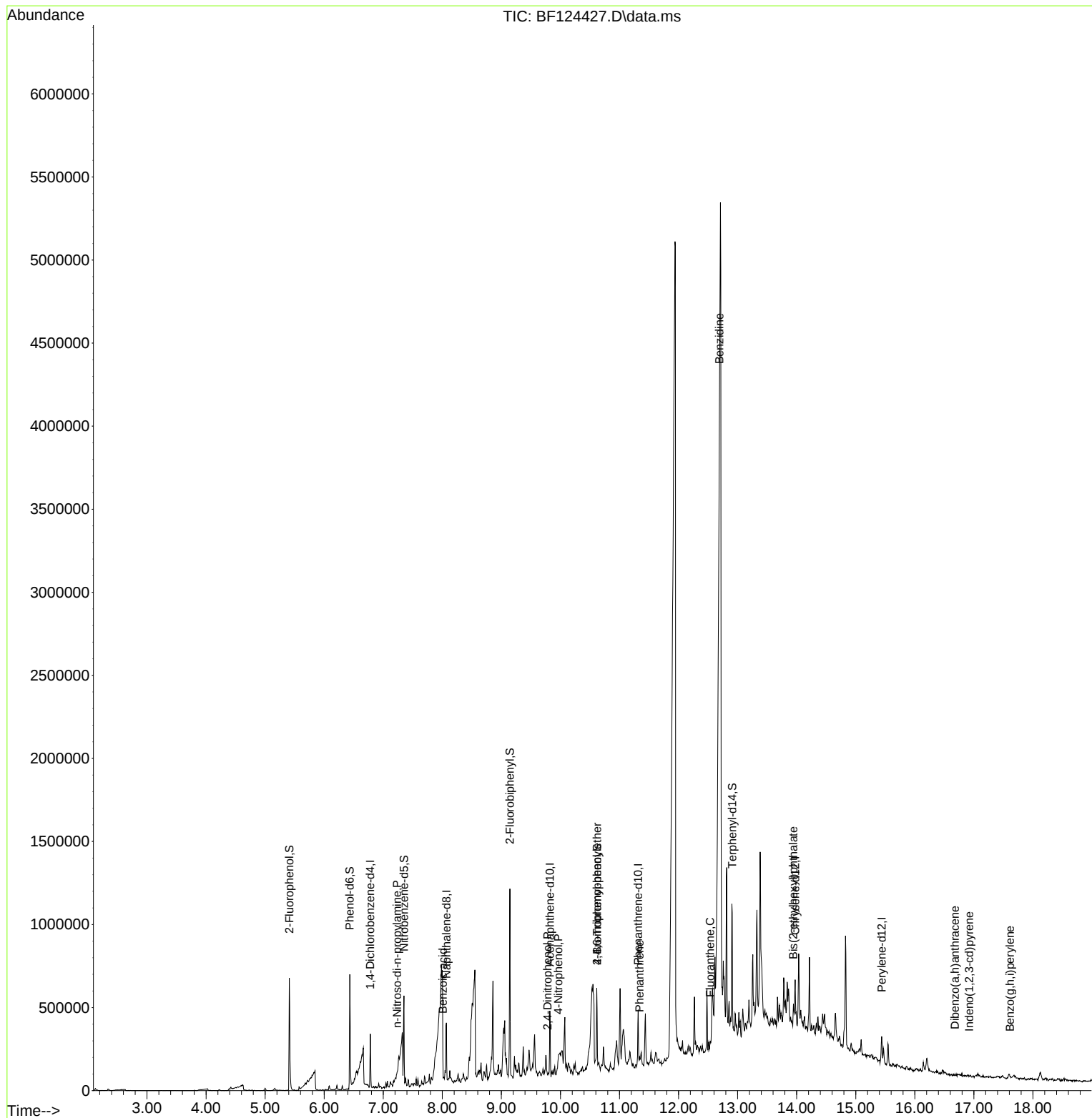
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	37967	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	133424	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	65291	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	97438	20.00	ng	0.00
76) Chrysene-d12	13.974	240	76702	20.00	ng	# 0.01
86) Perylene-d12	15.439	264	61390	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	160158	63.50	ng	0.00
7) Phenol-d6	6.434	99	191312	56.43	ng	-0.01
23) Nitrobenzene-d5	7.351	82	150114	44.62	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	48313	52.23	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	276336	53.26	ng	0.00
79) Terphenyl-d14	12.910	244	226839	40.60	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.233	70	7828	3.27	ng	# 80
32) Benzoic acid	8.010	122	8156	6.25	ng	88
54) 2,4-Dinitrophenol	9.780	184	136	3.72	ng	# 25
56) 4-Nitrophenol	9.963	139	1771	2.14	ng	# 51
67) 4-Bromophenyl-phenylether	10.621	248	2883	2.16	ng	# 1
71) Phenanthrene	11.339	178	15762	2.59	ng	# 90
75) Fluoranthene	12.533	202	14506	2.27	ng	93
77) Benzidine	12.692	184	1181	4.67	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.945	149	29731	8.37	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.921	276	112	4.36	ng	# 1
91) Dibenzo(a,h)anthracene	16.680	278	112	4.20	ng	# 57
92) Benzo(g,h,i)perylene	17.609	276	112	3.83	ng	# 56

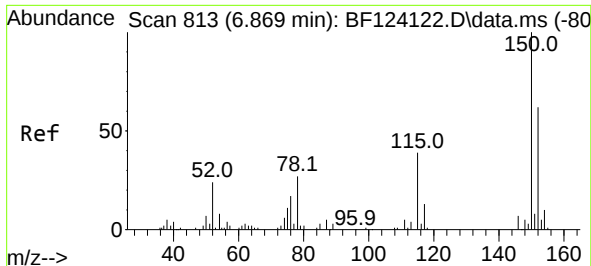
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
Data File : BF124427.D
Acq On : 22 Jun 2021 23:18
Operator : JU/CG
Sample : M2789-23
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1ST-WALLS

Quant Time: Jun 23 02:52:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
Response via : Initial Calibration

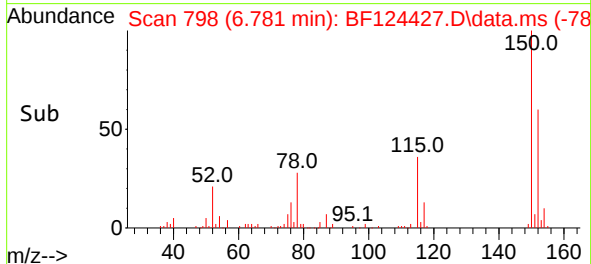
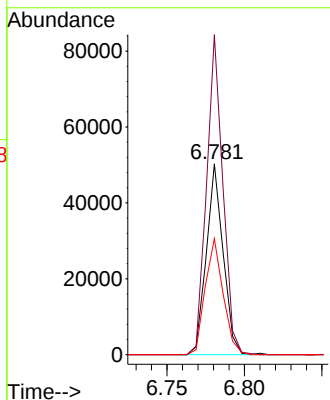
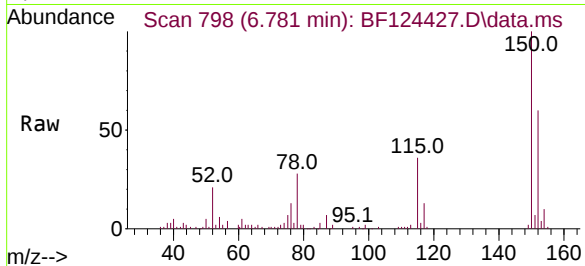




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

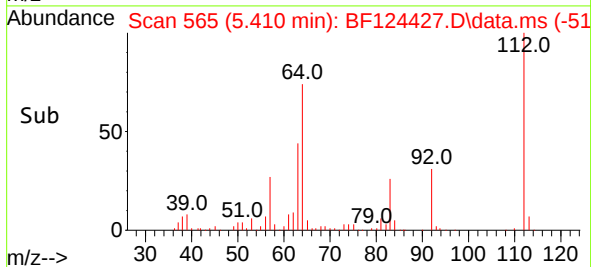
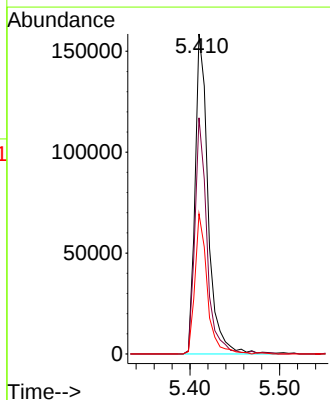
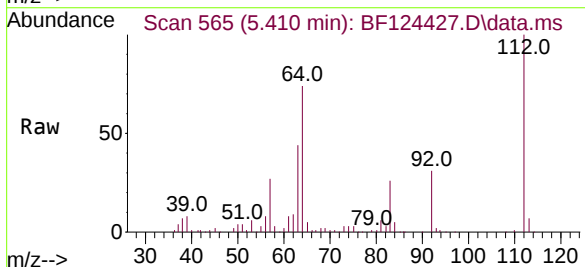
Instrument :
BNA_F
ClientSampleId :
1ST-WALLS

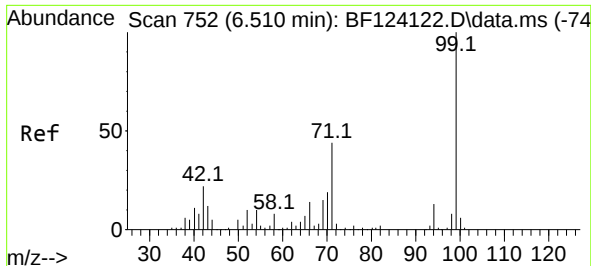
Tgt Ion:152 Resp: 37967
Ion Ratio Lower Upper
152 100
150 167.6 127.0 190.6
115 60.8 54.3 81.5



#5
2-Fluorophenol
Concen: 63.50 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion:112 Resp: 160158
Ion Ratio Lower Upper
112 100
64 73.8 61.4 92.0
63 43.8 33.0 49.4

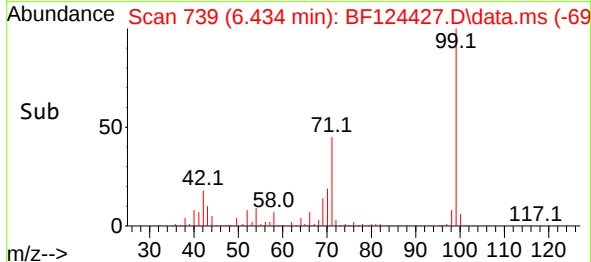
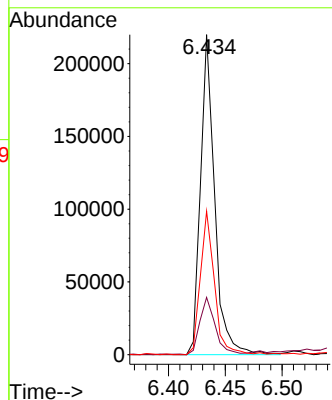
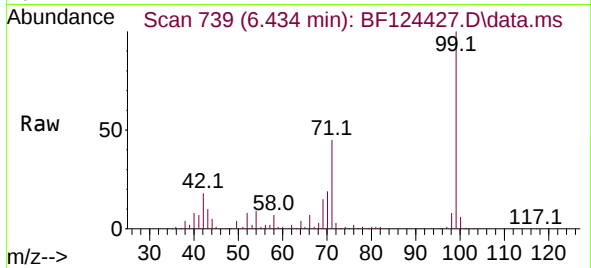




#7
Phenol-d6
Concen: 56.43 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

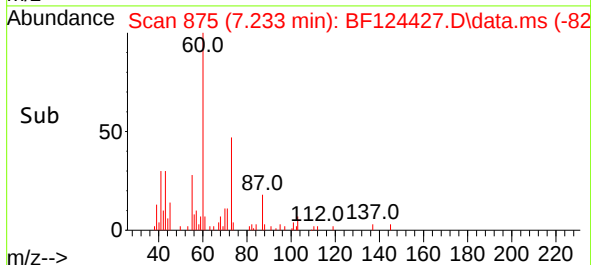
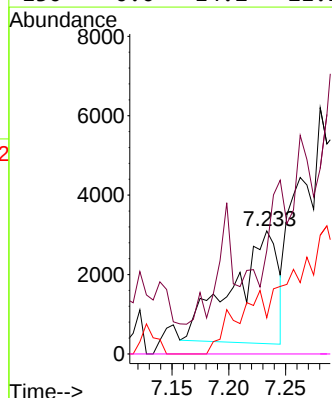
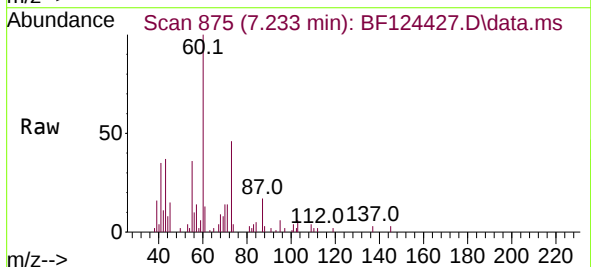
Instrument :
BNA_F
ClientSampleId :
1ST-WALLS

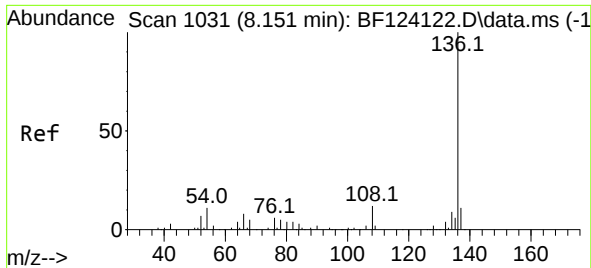
Tgt Ion: 99 Resp: 191312
Ion Ratio Lower Upper
99 100
42 17.9 19.8 29.8#
71 44.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 3.27 ng
RT: 7.233 min Scan# 875
Delta R.T. 0.024 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion: 70 Resp: 7828
Ion Ratio Lower Upper
70 100
42 83.8 60.1 90.1
101 29.4 7.4 11.2#
130 0.0 14.2 21.2#

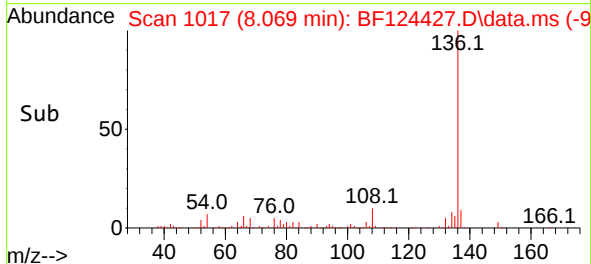
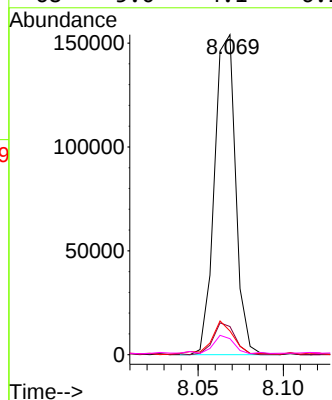
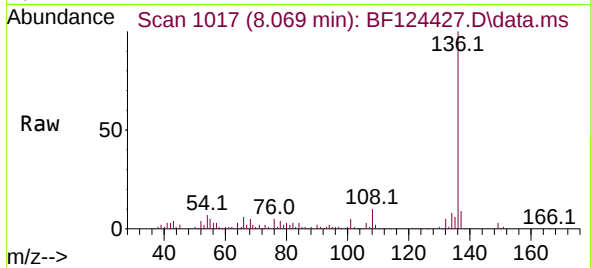




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

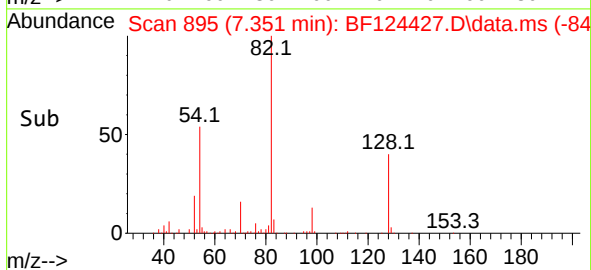
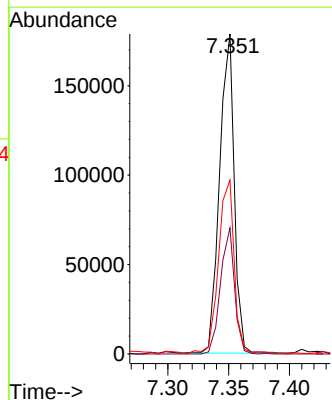
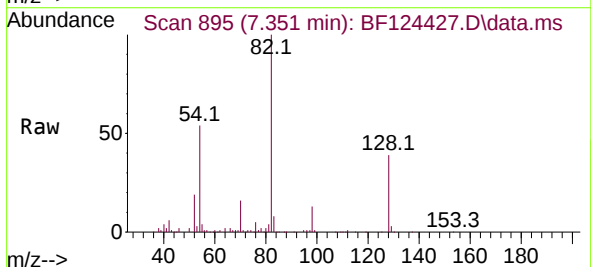
Instrument :
BNA_F
ClientSampleId :
1ST-WALLS

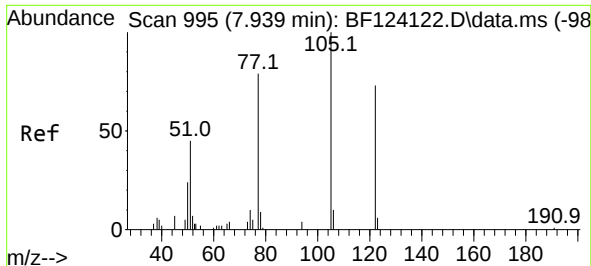
Tgt Ion:136	Resp: 133424
Ion Ratio	Lower Upper
136	100
137	8.8 8.7 13.1
54	7.4 9.8 14.6#
68	5.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 44.62 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion: 82	Resp: 150114
Ion Ratio	Lower Upper
82	100
128	39.4 29.4 44.2
54	54.3 54.1 81.1





#32

Benzoic acid

Concen: 6.25 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.129 min

Lab File: BF124427.D

Acq: 22 Jun 2021 23:18

Instrument :

BNA_F

ClientSampleId :

1ST-WALLS

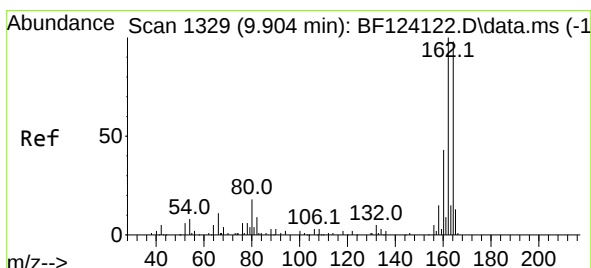
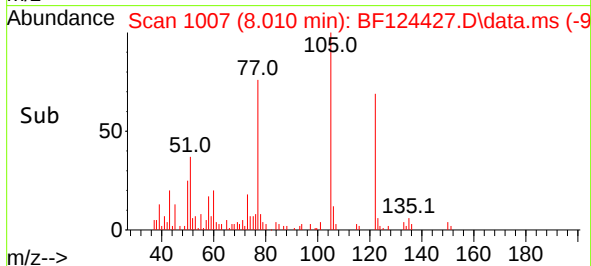
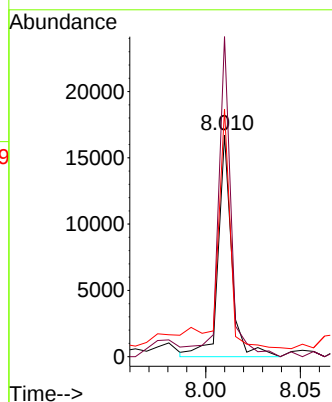
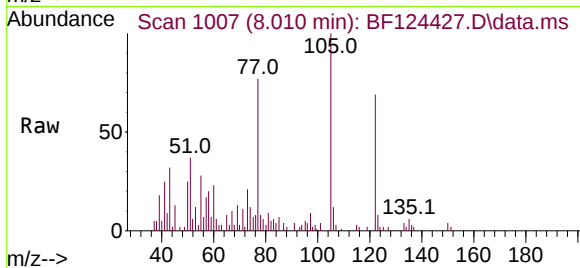
Tgt Ion:122 Resp: 8156

Ion Ratio Lower Upper

122 100

105 144.4 107.8 147.8

77 111.8 81.6 121.6



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF124427.D

Acq: 22 Jun 2021 23:18

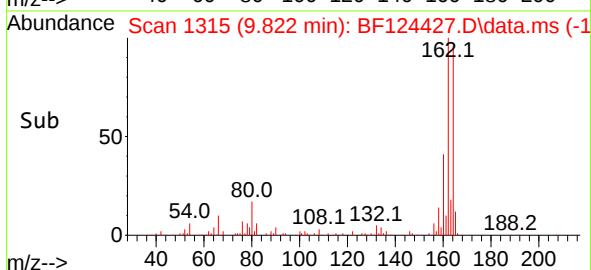
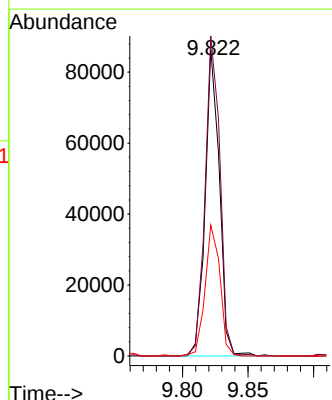
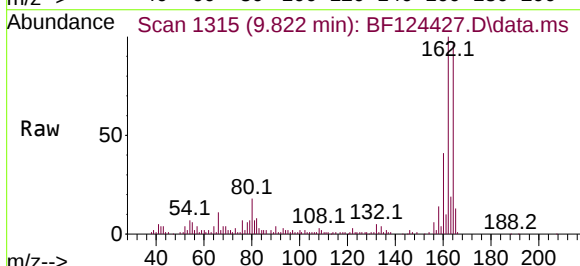
Tgt Ion:164 Resp: 65291

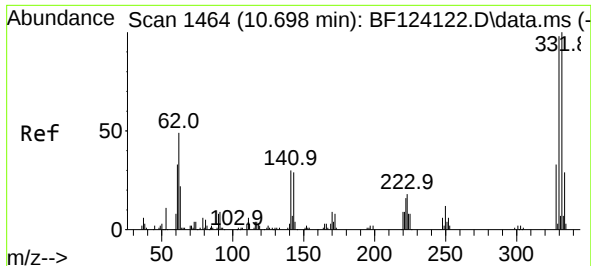
Ion Ratio Lower Upper

164 100

162 104.2 80.7 121.1

160 42.6 37.3 55.9

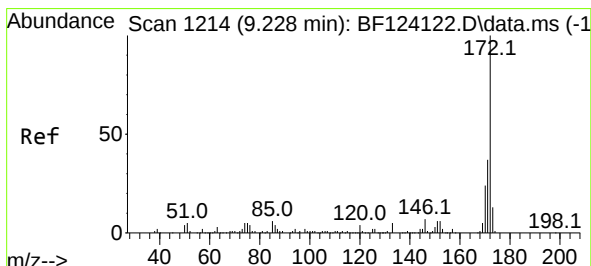
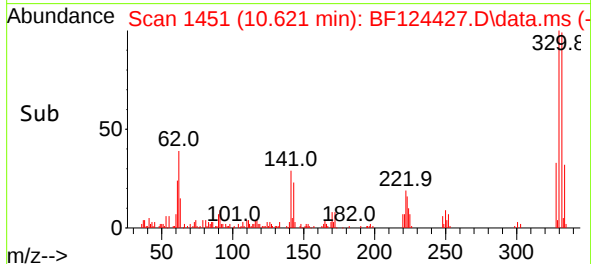
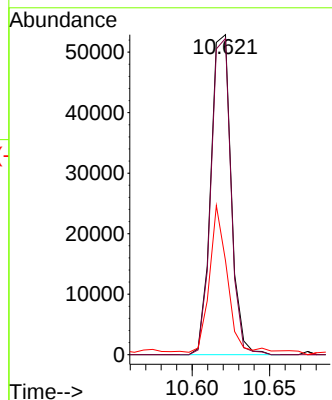
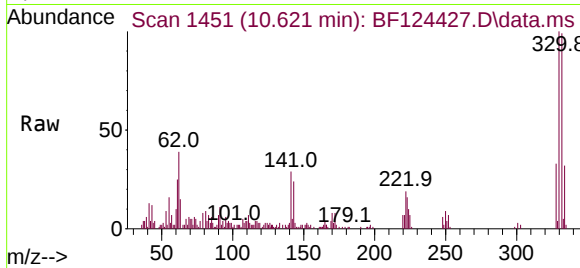




#42
2,4,6-Tribromophenol
Concen: 52.23 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

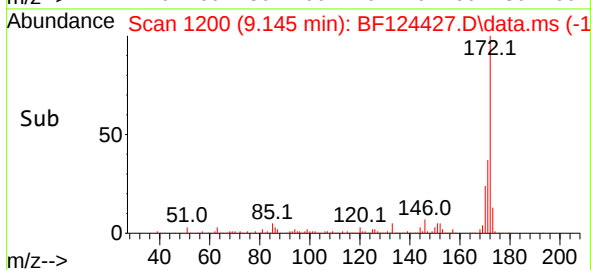
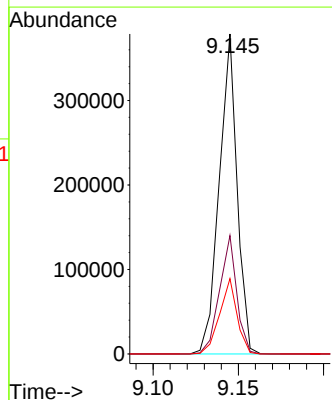
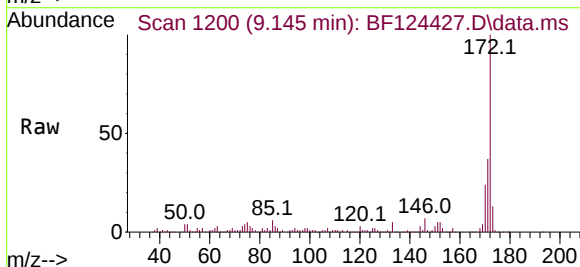
Instrument :
BNA_F
ClientSampleId :
1ST-WALLS

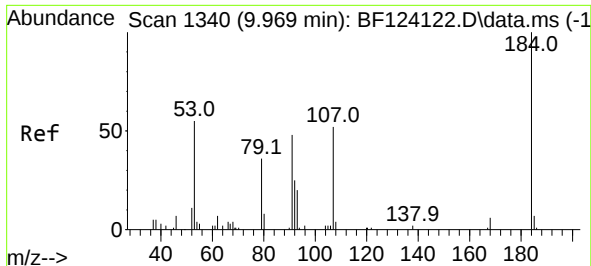
Tgt Ion: 330 Resp: 48313
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 44.2 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 53.26 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion: 172 Resp: 276336
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 23.6 19.2 28.8

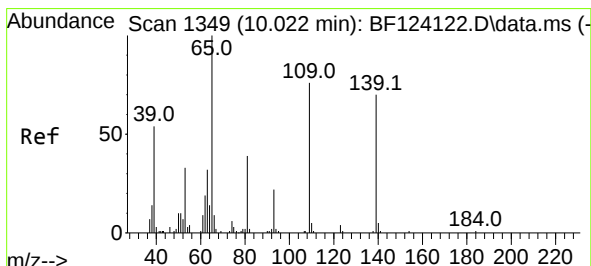
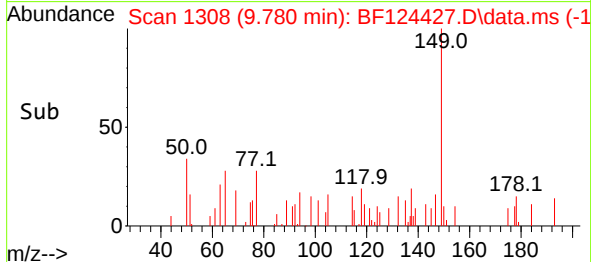
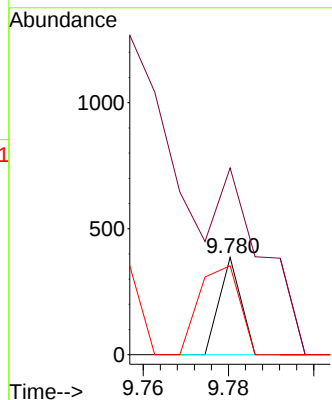
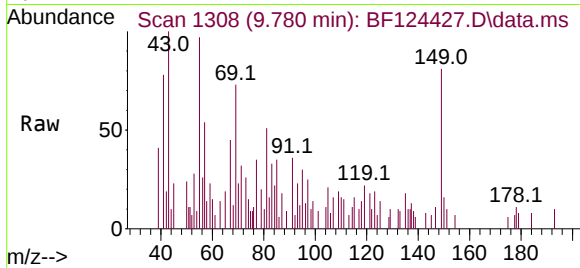




#54
2,4-Dinitrophenol
Concen: 3.72 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.129 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

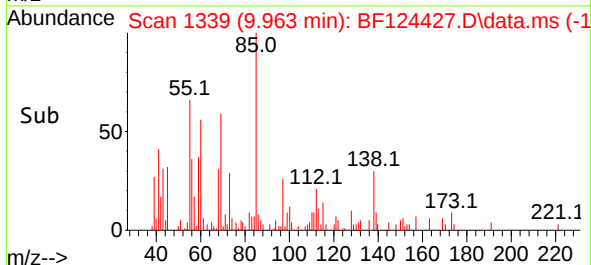
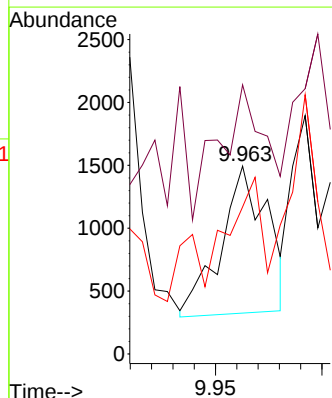
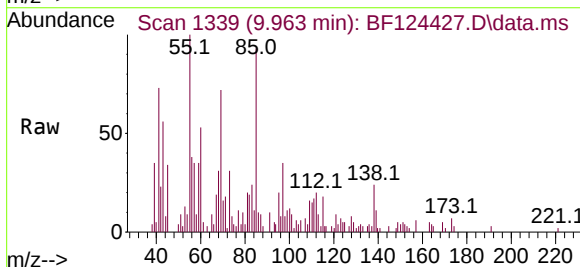
Instrument :
BNA_F
ClientSampled :
1ST-WALLS

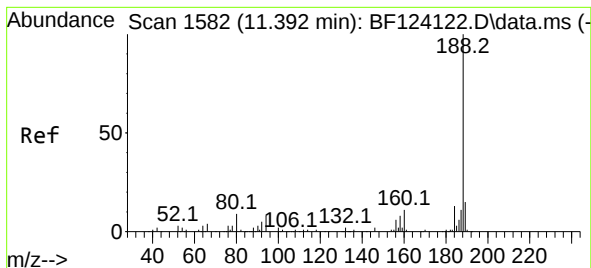
Tgt Ion:184 Resp: 136
Ion Ratio Lower Upper
184 100
63 192.0 73.5 110.3#
154 91.5 52.5 78.7#



#56
4-Nitrophenol
Concen: 2.14 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.018 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion:139 Resp: 1771
Ion Ratio Lower Upper
139 100
109 118.5 63.2 103.2#
65 64.8 110.0 150.0#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF124427.D

Acq: 22 Jun 2021 23:18

Tgt Ion:188 Resp: 97438

Ion Ratio Lower Upper

188 100

94 9.4 6.9 10.3

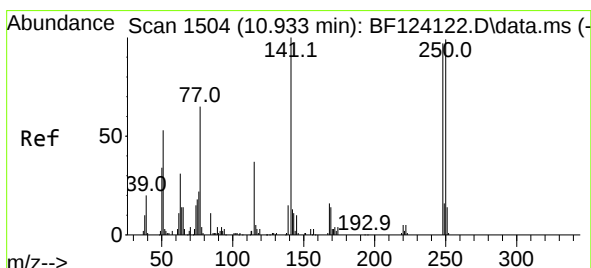
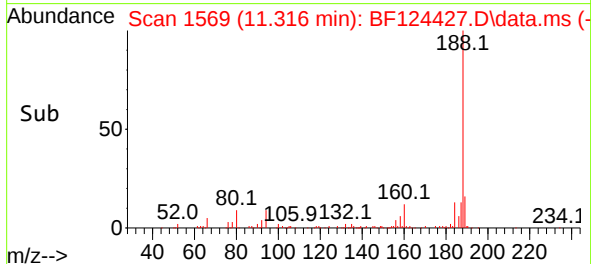
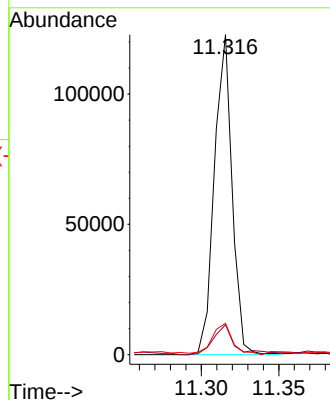
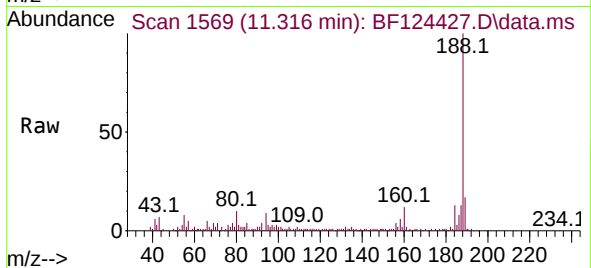
80 9.8 8.2 12.2

Instrument :

BNA_F

ClientSampleId :

1ST-WALLS



#67

4-Bromophenyl-phenylether

Concen: 2.16 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.241 min

Lab File: BF124427.D

Acq: 22 Jun 2021 23:18

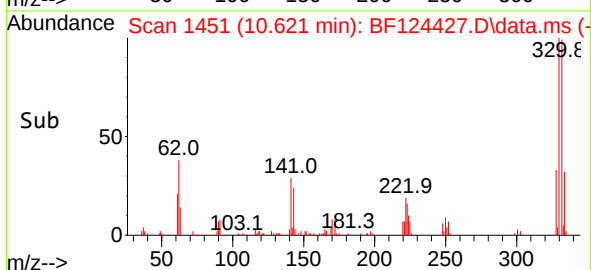
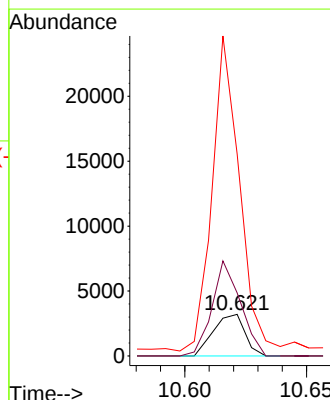
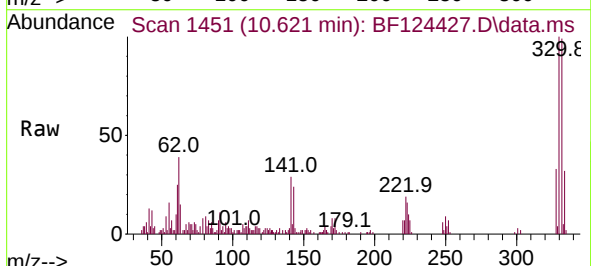
Tgt Ion:248 Resp: 2883

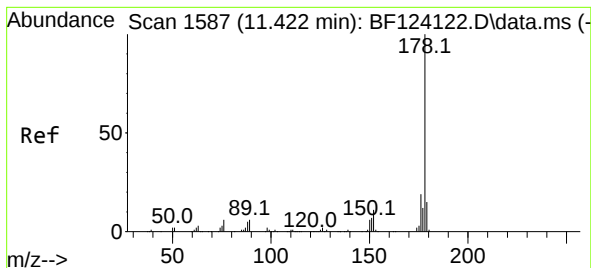
Ion Ratio Lower Upper

248 100

250 109.9 77.4 116.2

141 352.0 63.7 95.5#

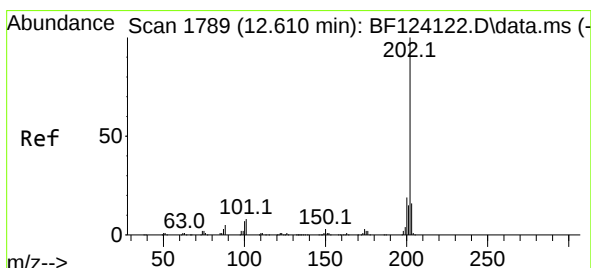
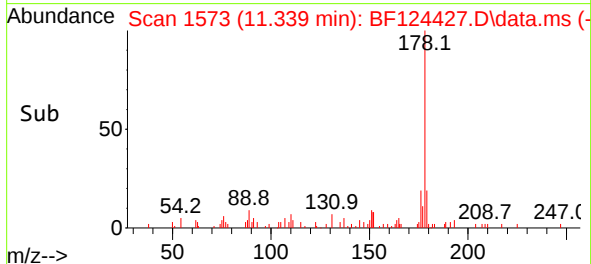
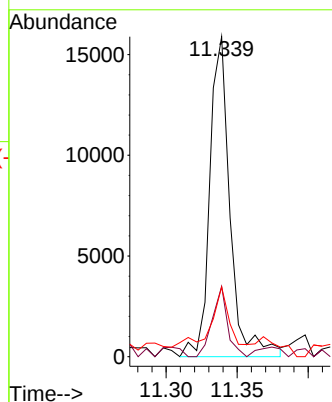
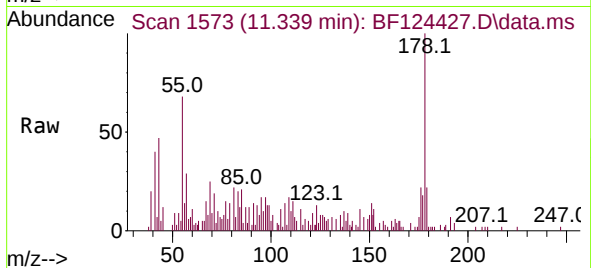




#71
Phenanthrene
Concen: 2.59 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

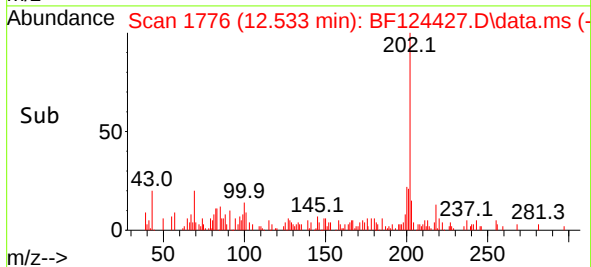
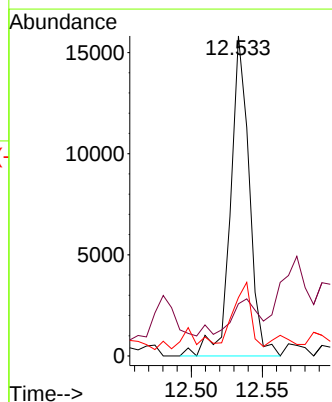
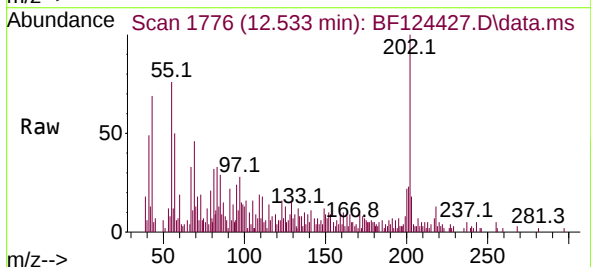
Instrument :
BNA_F
ClientSampleId :
1ST-WALLS

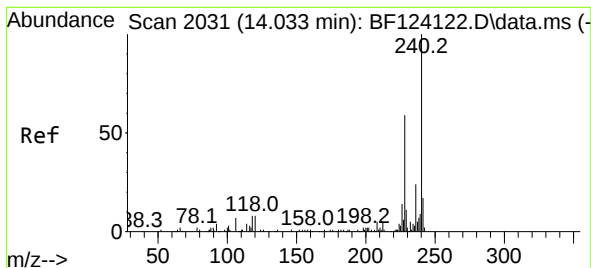
Tgt Ion:178 Resp: 15762
Ion Ratio Lower Upper
178 100
176 21.9 15.6 23.4
179 21.8 12.5 18.7#



#75
Fluoranthene
Concen: 2.27 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion:202 Resp: 14506
Ion Ratio Lower Upper
202 100
101 16.3 0.0 30.9
203 18.3 0.0 37.5

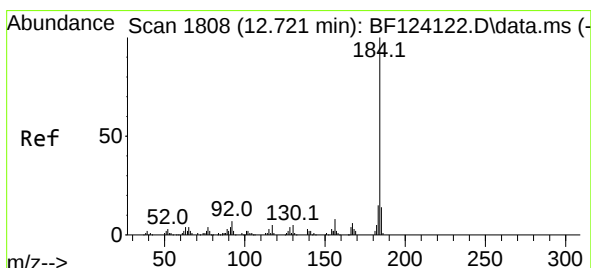
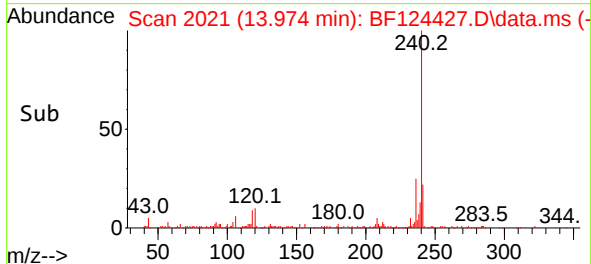
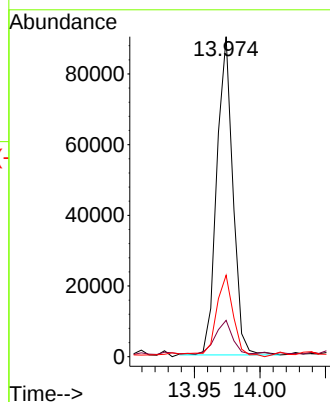
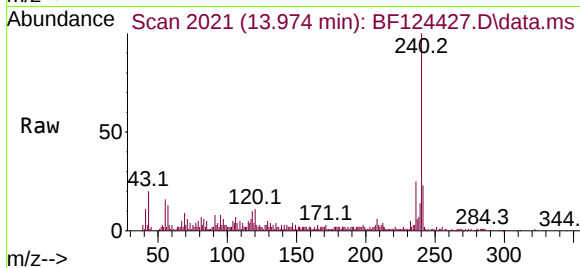




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.012 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

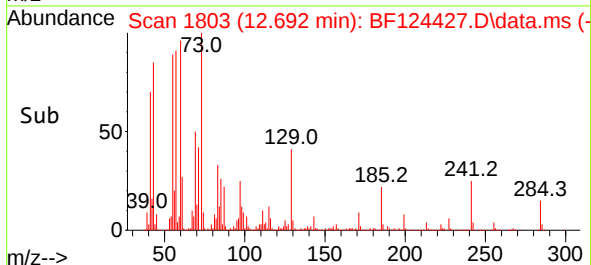
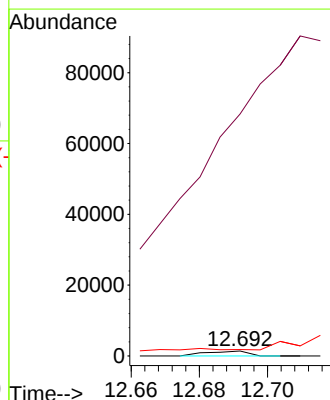
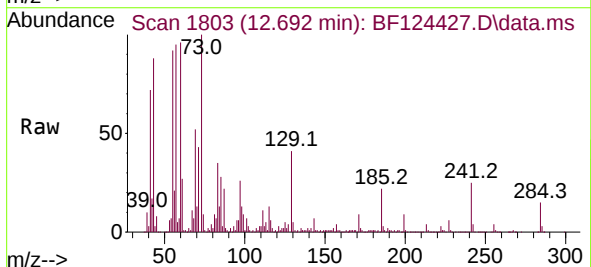
Instrument :
BNA_F
ClientSampleId :
1ST-WALLS

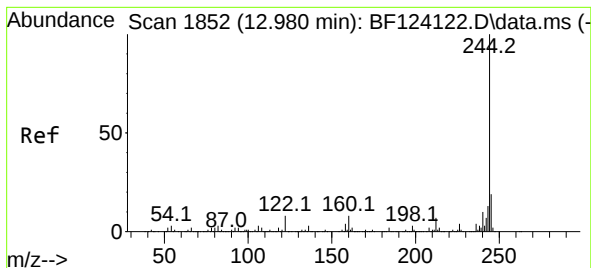
Tgt Ion:240 Resp: 76702
Ion Ratio Lower Upper
240 100
120 11.4 7.2 10.8#
236 25.5 19.0 28.4



#77
Benzidine
Concen: 4.67 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion:184 Resp: 1181
Ion Ratio Lower Upper
184 100
185 4944.7 12.1 18.1#
183 131.8 7.8 11.8#





#79

Terphenyl-d14

Concen: 40.60 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.006 min

Lab File: BF124427.D

Acq: 22 Jun 2021 23:18

Tgt Ion:244 Resp: 226839

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

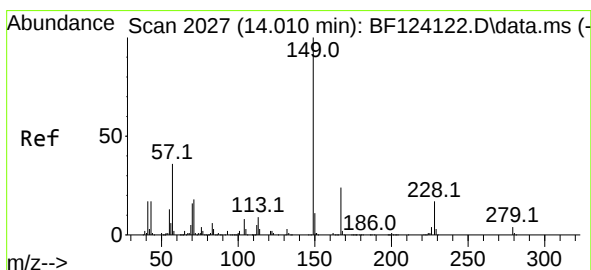
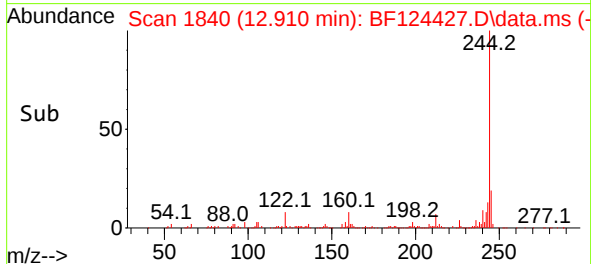
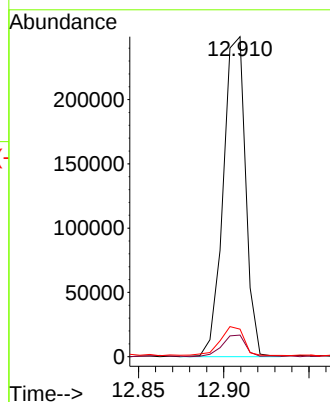
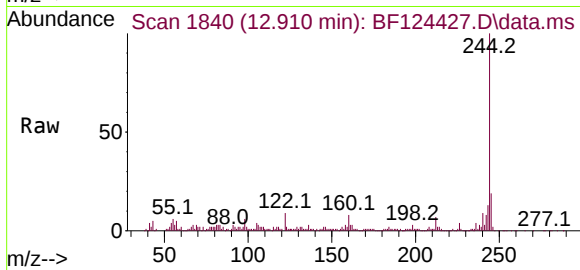
122 8.6 9.7 14.5#

Instrument :

BNA_F

ClientSampleId :

1ST-WALLS



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.37 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.006 min

Lab File: BF124427.D

Acq: 22 Jun 2021 23:18

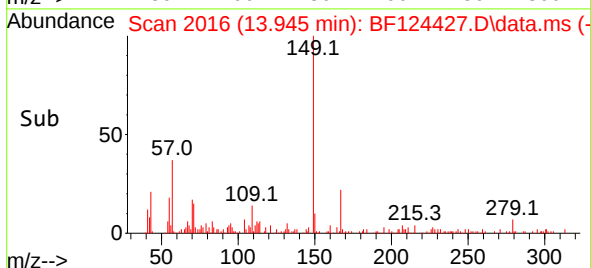
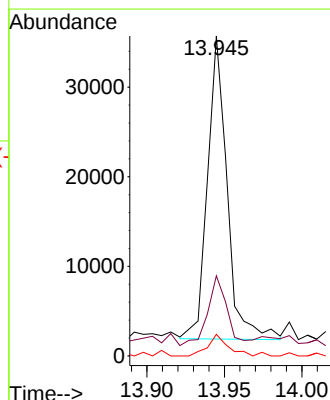
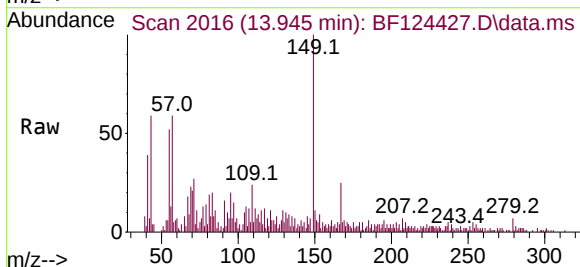
Tgt Ion:149 Resp: 29731

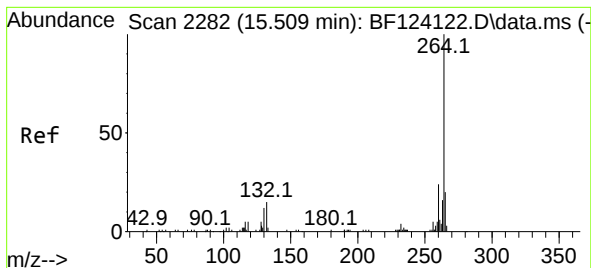
Ion Ratio Lower Upper

149 100

167 25.0 21.8 32.6

279 6.7 3.3 4.9#

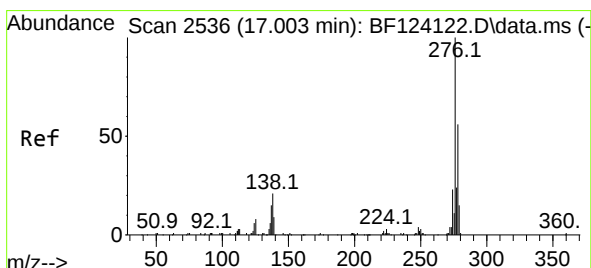
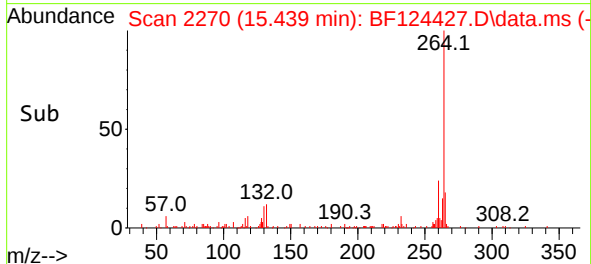
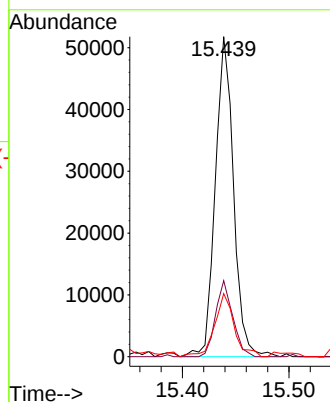
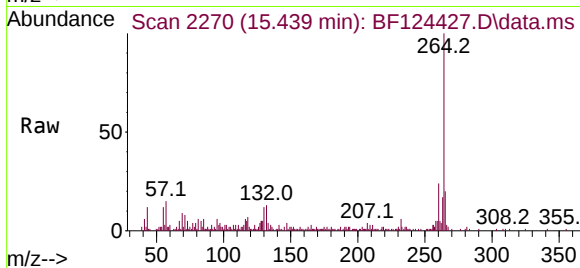




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.024 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

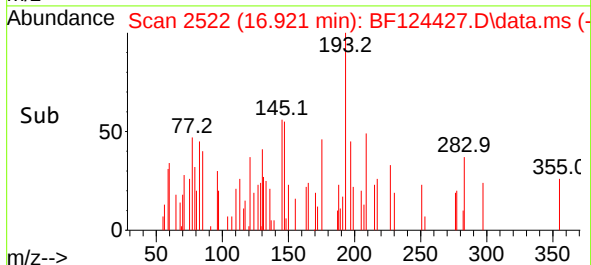
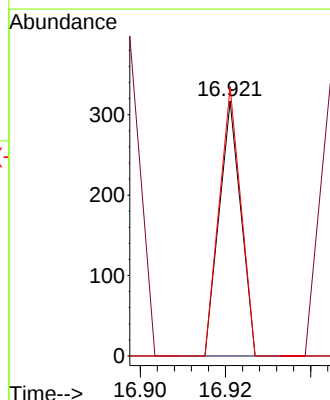
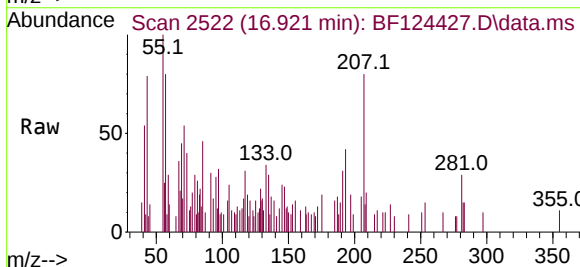
Instrument :
BNA_F
ClientSampleId :
1ST-WALLS

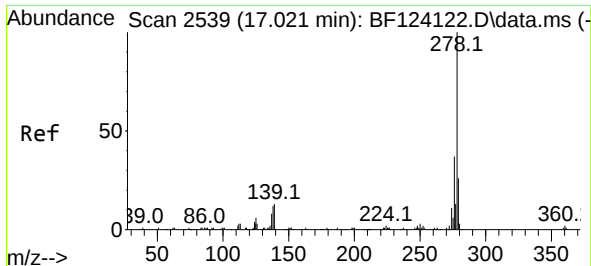
Tgt Ion:264	Resp:	61390
Ion Ratio	Lower	Upper
264	100	
260	23.7	18.7 28.1
265	19.7	17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.36 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.047 min
Lab File: BF124427.D
Acq: 22 Jun 2021 23:18

Tgt Ion:276	Resp:	112
Ion Ratio	Lower	Upper
276	100	
138	0.0	16.2 24.2#
277	105.4	20.1 30.1#

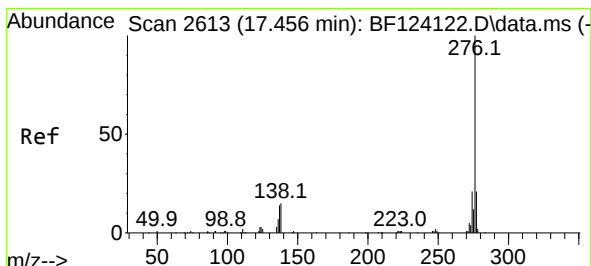
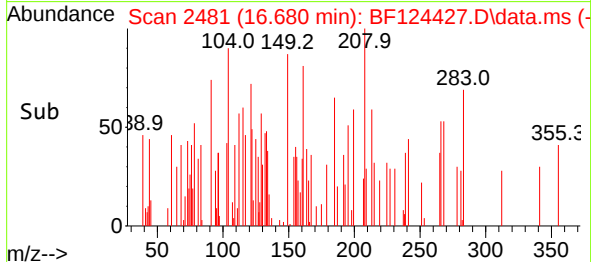
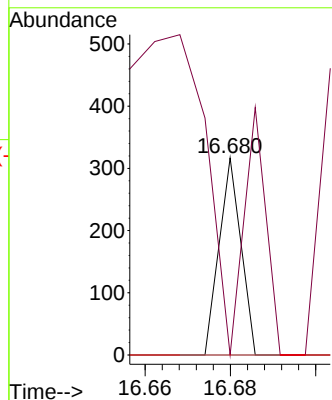
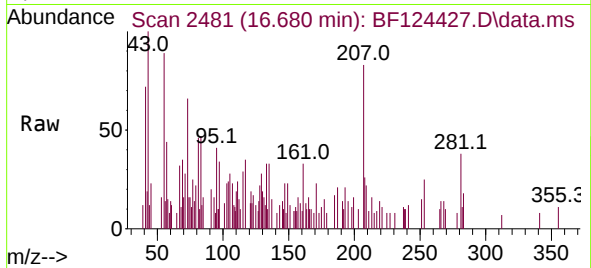




#91
 Dibenzo(a,h)anthracene
 Concen: 4.20 ng
 RT: 16.680 min Scan# 2481
 Delta R.T. -0.206 min
 Lab File: BF124427.D
 Acq: 22 Jun 2021 23:18

Instrument :
 BNA_F
 ClientSampleId :
 1ST-WALLS

Tgt Ion:278 Resp: 112
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.2 15.2#
 279 0.0 19.4 29.0#



#92
 Benzo(g,h,i)perylene
 Concen: 3.83 ng
 RT: 17.609 min Scan# 2639
 Delta R.T. 0.294 min
 Lab File: BF124427.D
 Acq: 22 Jun 2021 23:18

Tgt Ion:276 Resp: 112
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.2 27.2#
 138 0.0 13.8 20.6#

