

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127105.D
 Acq On : 28 Feb 2022 17:44
 Operator : CG\JU
 Sample : N1664-25
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Mar 01 01:39:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

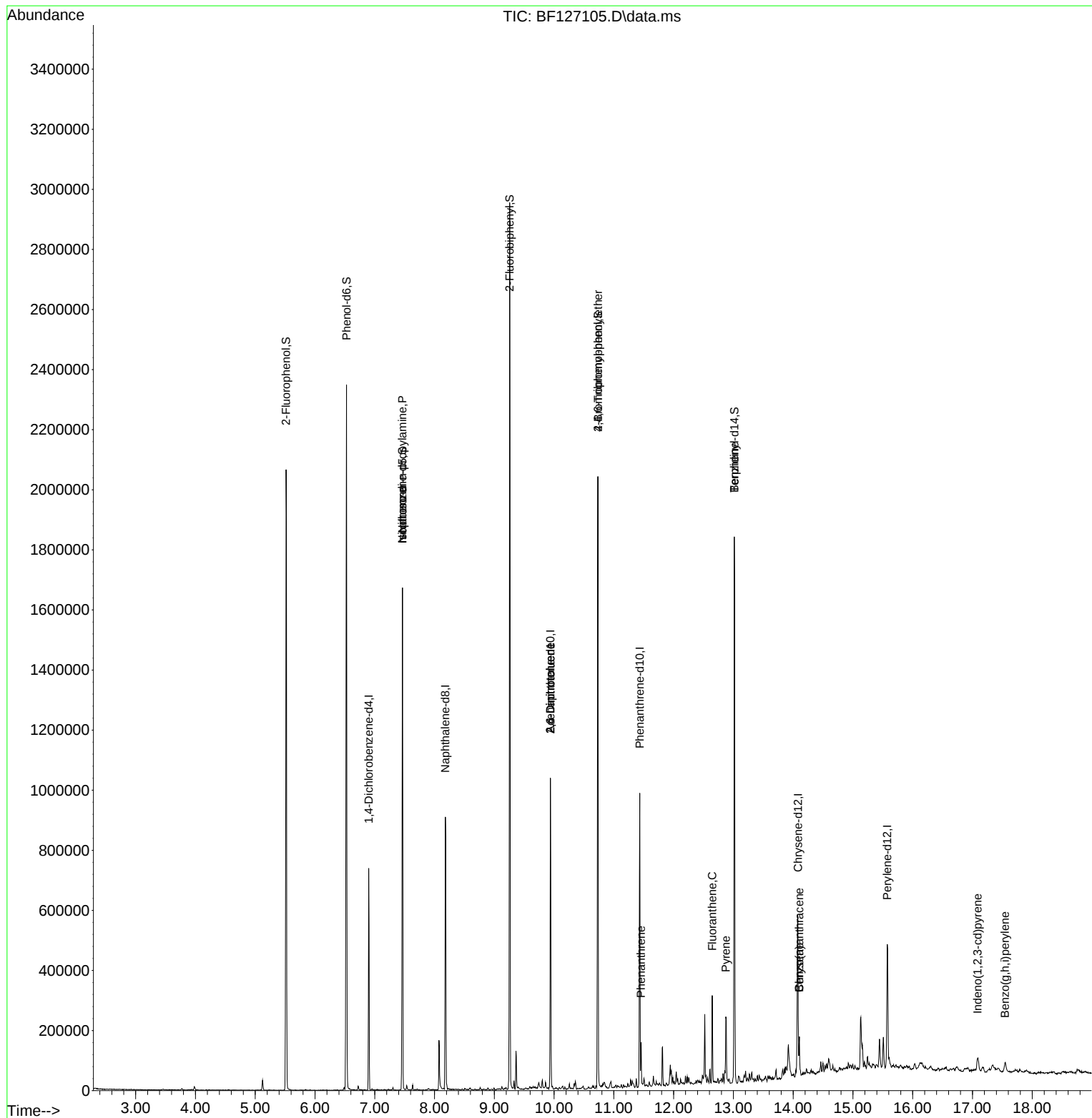
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	96101	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	381991	20.000	ng	#-0.01
39) Acenaphthene-d10	9.939	164	188694	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	306862	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	163114	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	183160	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	522986	84.111	ng	-0.01
7) Phenol-d6	6.528	99	722583	86.124	ng	-0.01
23) Nitrobenzene-d5	7.463	82	498793	58.939	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	215850	99.353	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	794410	61.978	ng	-0.01
79) Terphenyl-d14	13.016	244	596090	53.722	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	68145	12.605	ng	# 79
25) Isophorone	7.463	82	498871	35.624	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	24372	8.882	ng	# 22
57) 2,4-Dinitrotoluene	9.939	165	24372	6.569	ng	# 16
67) 4-Bromophenyl-phenylether	10.733	248	13268	3.870	ng	# 1
71) Phenanthrene	11.457	178	46528	2.709	ng	99
75) Fluoranthene	12.645	202	96725	5.931	ng	95
77) Benzidine	13.016	184	9794	2.209	ng	# 94
78) Pyrene	12.874	202	85198	6.012	ng	98
81) Benzo(a)anthracene	14.104	228	49742	4.523	ng	94
83) Chrysene	14.104	228	49742	4.810	ng	97
87) Indeno(1,2,3-cd)pyrene	17.086	276	31645	2.635	ng	# 86
92) Benzo(g,h,i)perylene	17.545	276	25828	2.638	ng	# 91

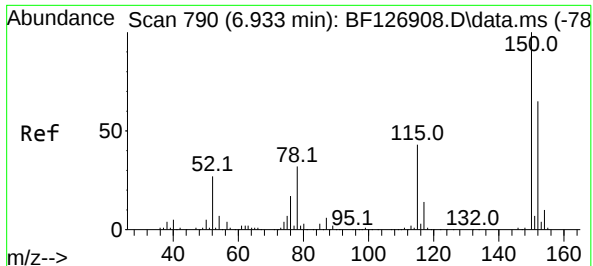
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127105.D
Acq On : 28 Feb 2022 17:44
Operator : CG\JU
Sample : N1664-25
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9

Quant Time: Mar 01 01:39:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 24 02:10:57 2022
Response via : Initial Calibration

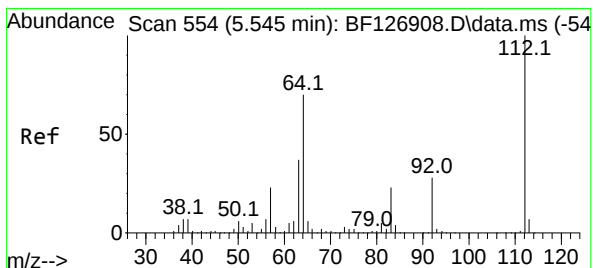
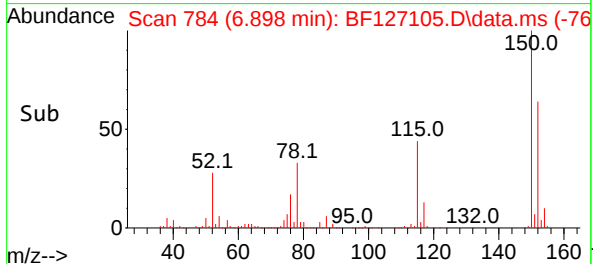
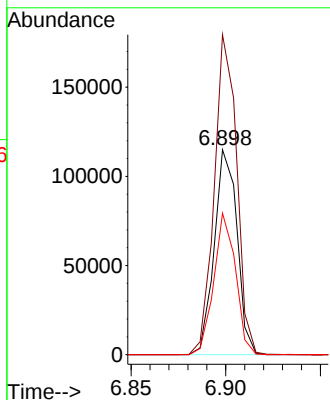
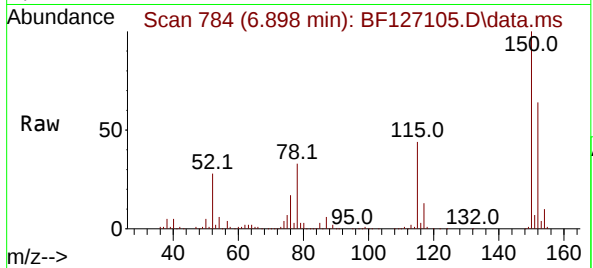




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

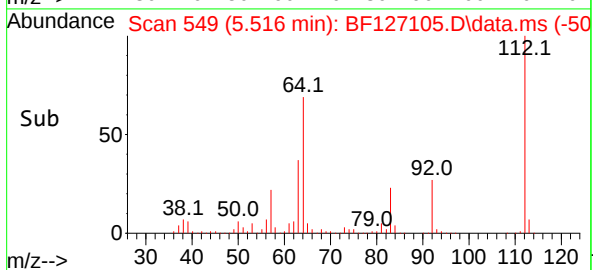
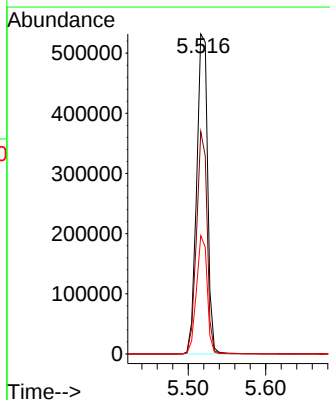
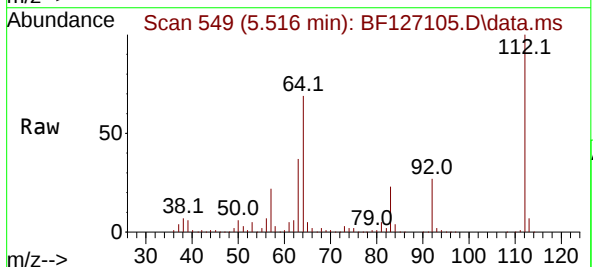
Instrument :
BNA_F
ClientSampleId :
TP-9

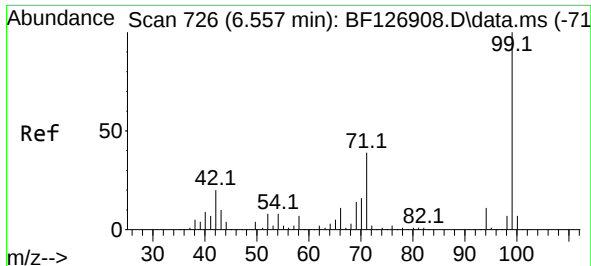
Tgt Ion:152 Resp: 96101
Ion Ratio Lower Upper
152 100
150 156.1 128.1 192.1
115 69.0 56.7 85.1



#5
2-Fluorophenol
Concen: 84.111 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.012 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

Tgt Ion:112 Resp: 522986
Ion Ratio Lower Upper
112 100
64 69.4 49.5 74.3
63 36.9 23.9 35.9#

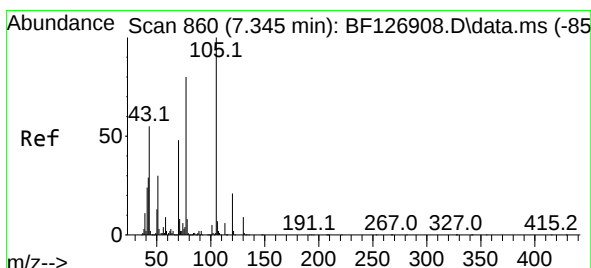
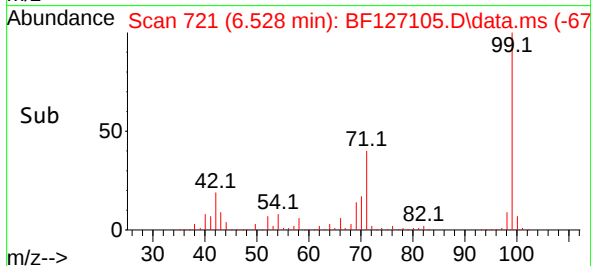
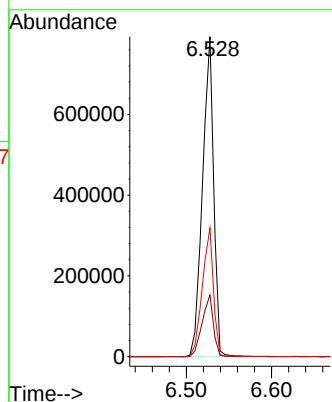
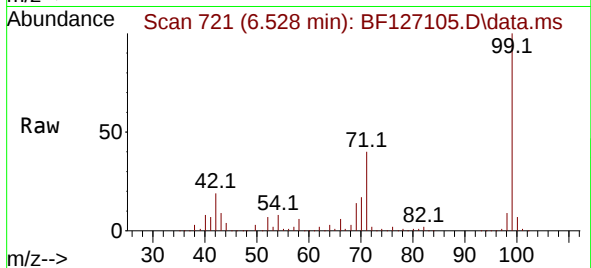




#7
Phenol-d6
Concen: 86.124 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

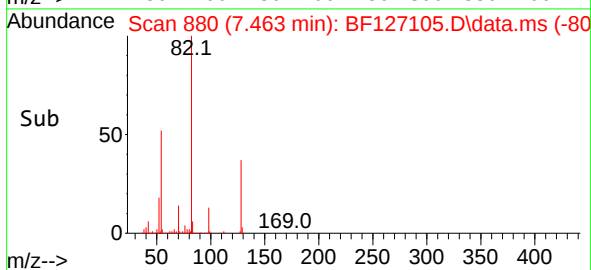
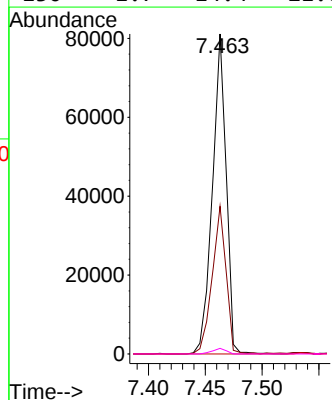
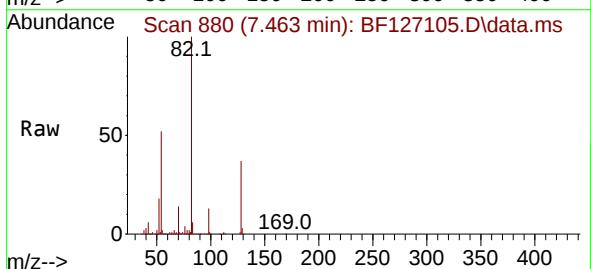
Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion: 99 Resp: 722583
Ion Ratio Lower Upper
99 100
42 19.3 14.2 21.4
71 40.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 12.605 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

Tgt Ion: 70 Resp: 68145
Ion Ratio Lower Upper
70 100
42 46.1 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

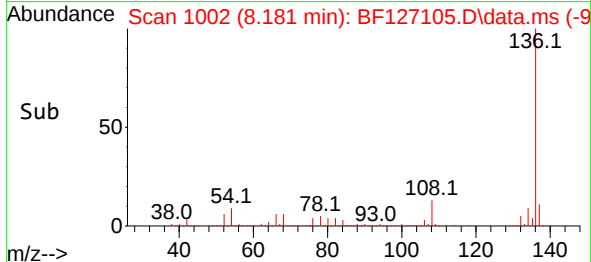
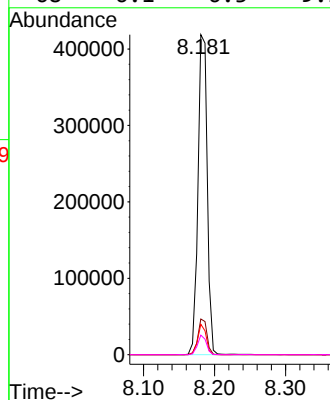
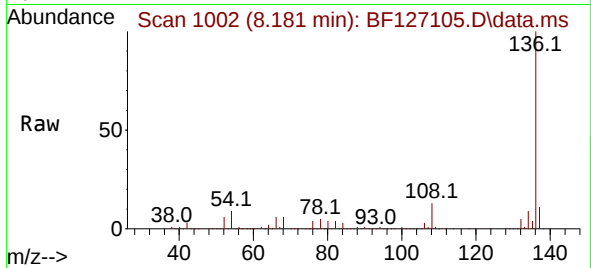




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

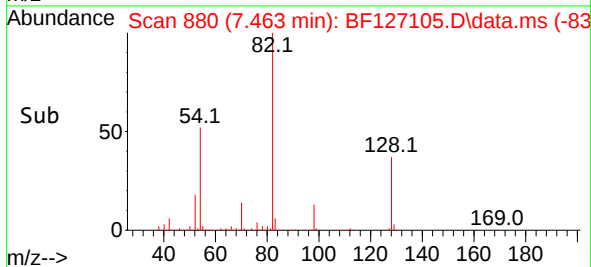
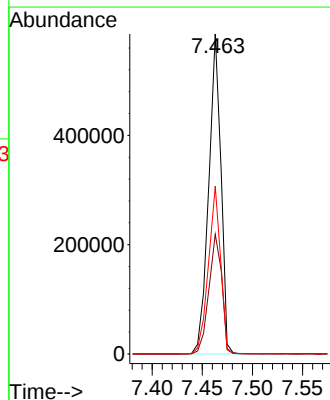
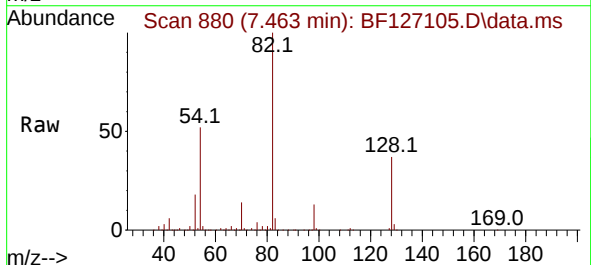
Instrument :
BNA_F
ClientSampleId :
TP-9

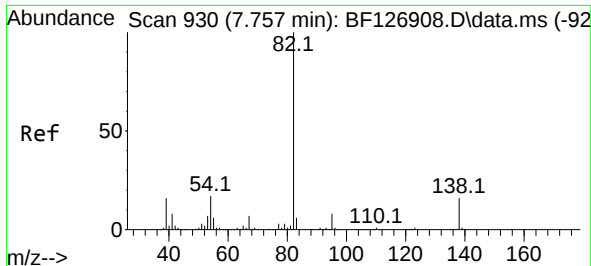
Tgt Ion:136 Resp: 381991
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.5 7.8 11.6
68 6.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 58.939 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

Tgt Ion: 82 Resp: 498793
Ion Ratio Lower Upper
82 100
128 37.4 32.7 49.1
54 52.4 41.7 62.5

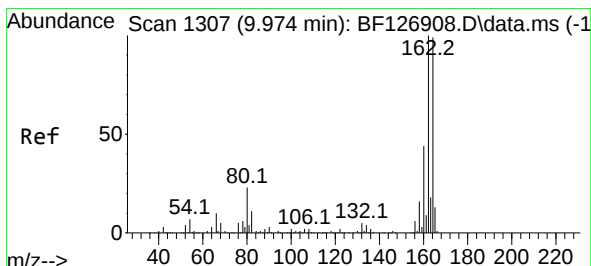
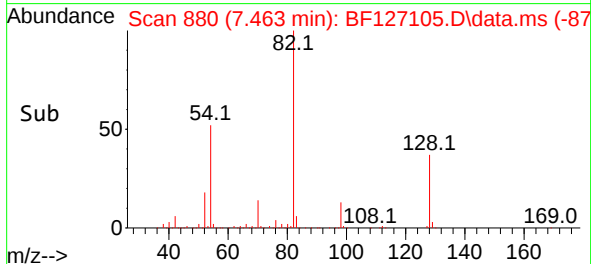
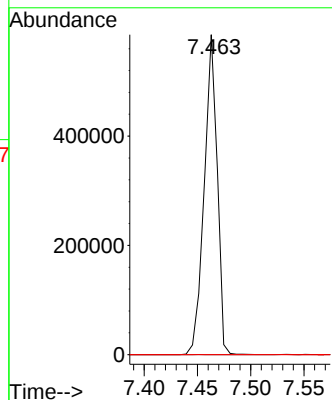
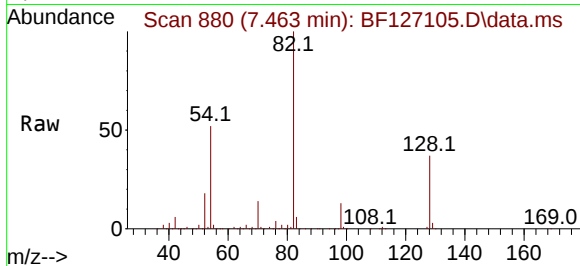




#25
Isophorone
Concen: 35.624 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

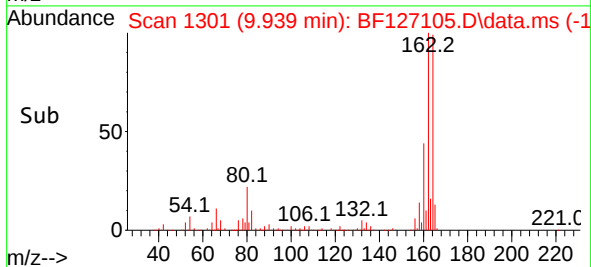
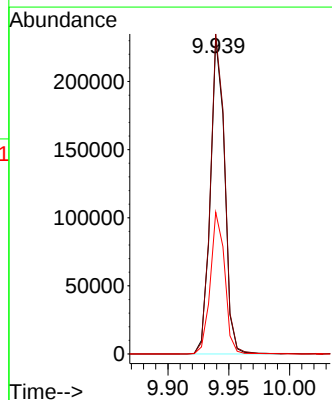
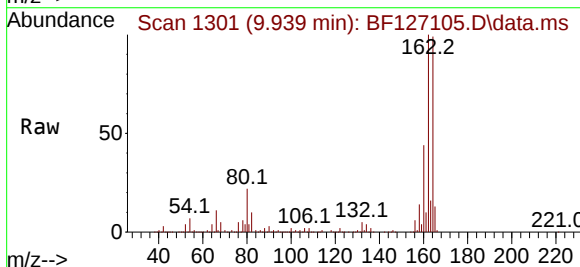
Instrument :
BNA_F
ClientSampleId :
TP-9

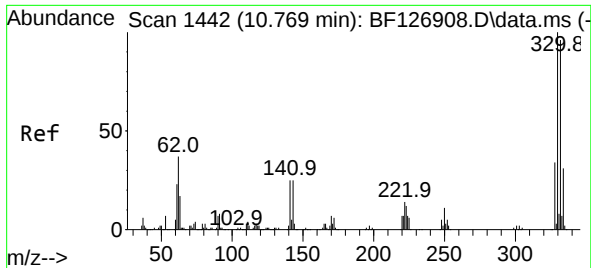
Tgt Ion: 82 Resp: 498871
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

Tgt Ion:164 Resp: 188694
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 44.9 36.6 54.8

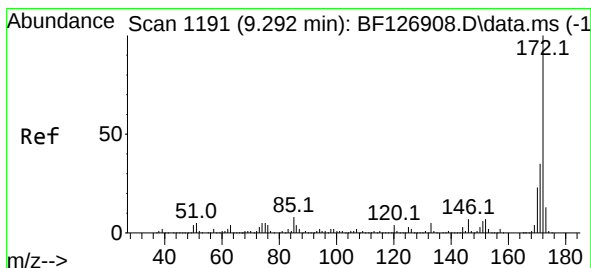
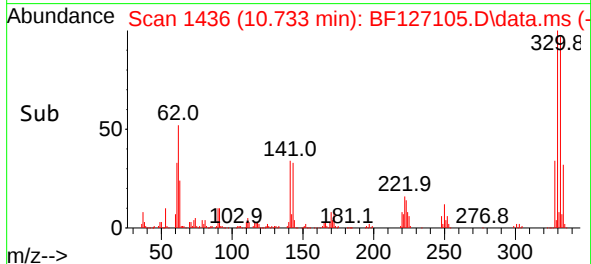
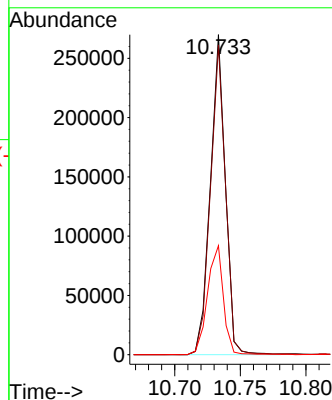
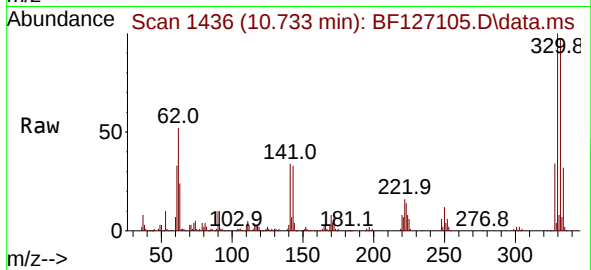




#42
 2,4,6-Tribromophenol
 Concen: 99.353 ng
 RT: 10.733 min Scan# 1442
 Delta R.T. -0.012 min
 Lab File: BF127105.D
 Acq: 28 Feb 2022 17:44

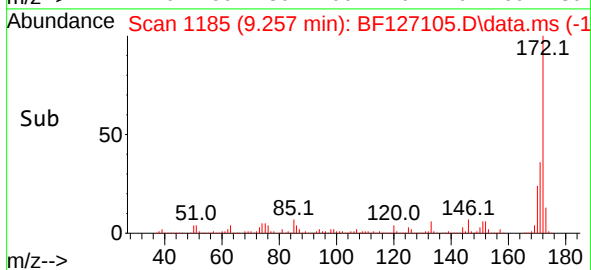
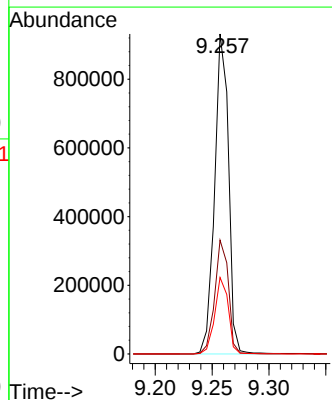
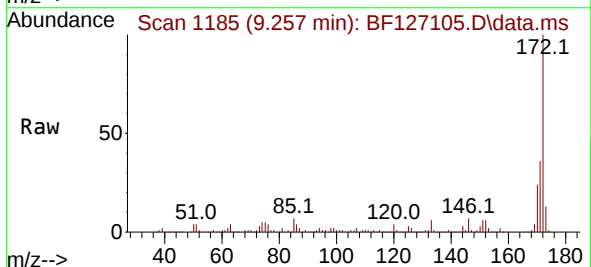
Instrument :
 BNA_F
 ClientSampleId :
 TP-9

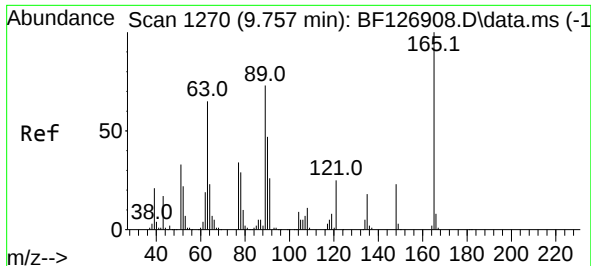
Tgt Ion: 330 Resp: 215850
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.0 114.0
 141 36.2 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 61.978 ng
 RT: 9.257 min Scan# 1185
 Delta R.T. -0.012 min
 Lab File: BF127105.D
 Acq: 28 Feb 2022 17:44

Tgt Ion: 172 Resp: 794410
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.3 42.5
 170 23.9 19.0 28.6

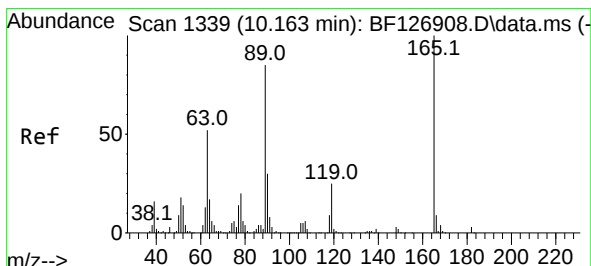
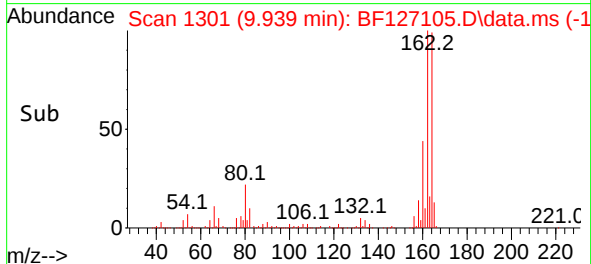
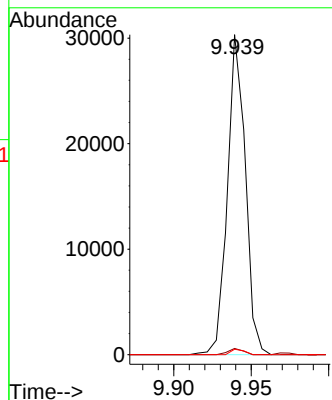
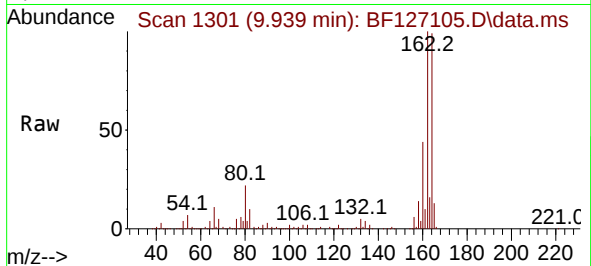




#51
2,6-Dinitrotoluene
Concen: 8.882 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

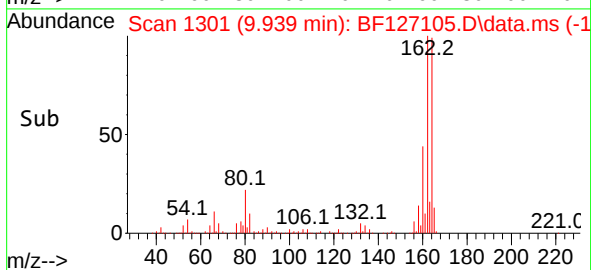
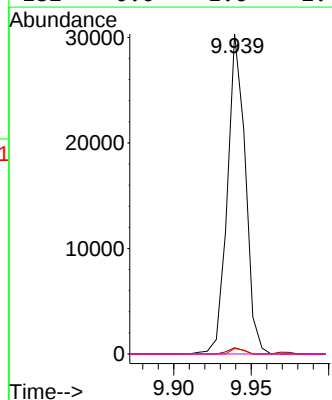
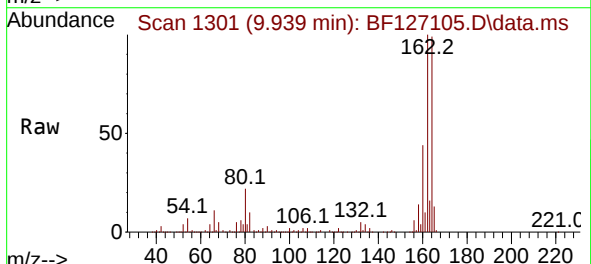
Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion:165 Resp: 24372
Ion Ratio Lower Upper
165 100
63 2.0 48.4 72.6#
89 1.7 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.569 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.200 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

Tgt Ion:165 Resp: 24372
Ion Ratio Lower Upper
165 100
63 2.0 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#

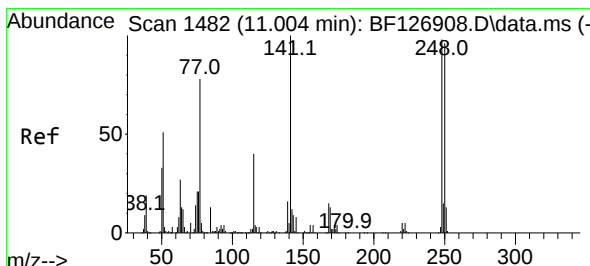
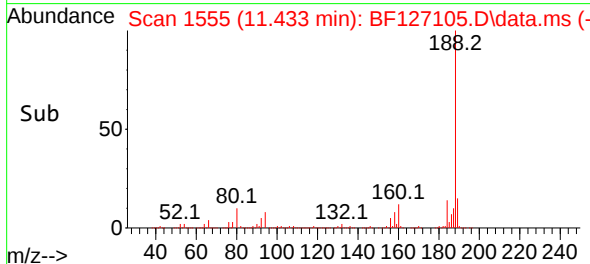
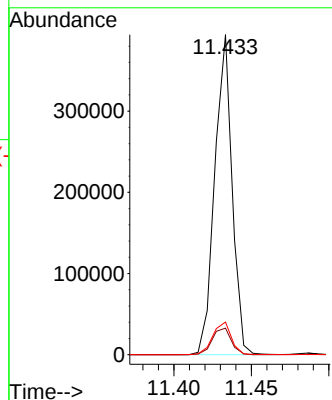
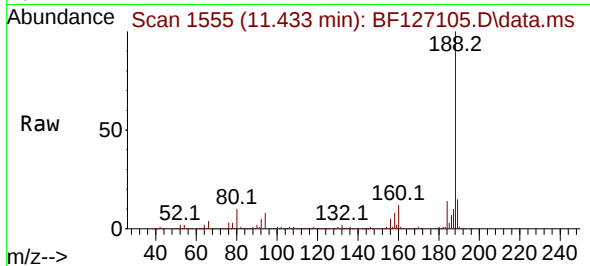




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

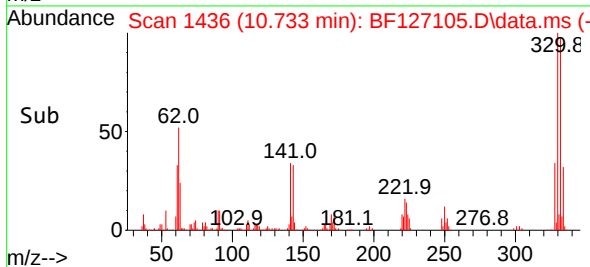
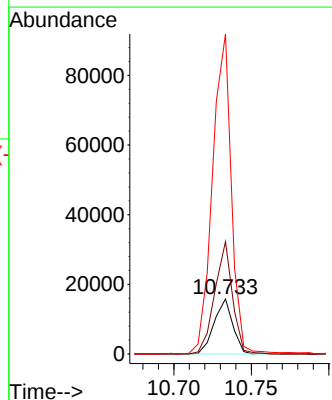
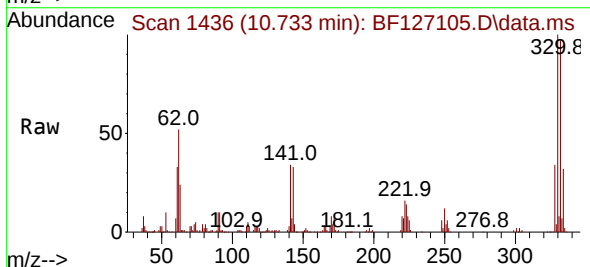
Instrument :
BNA_F
ClientSampleId :
TP-9

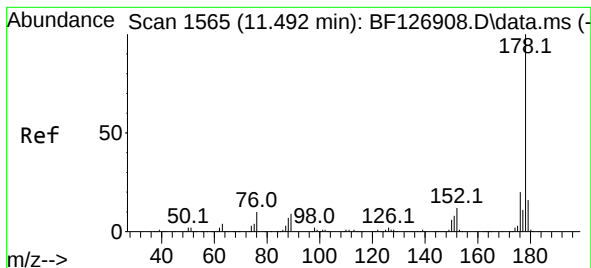
Tgt Ion:188 Resp: 306862
Ion Ratio Lower Upper
188 100
94 8.3 10.1 15.1#
80 10.2 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.870 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.253 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

Tgt Ion:248 Resp: 13268
Ion Ratio Lower Upper
248 100
250 204.3 76.2 114.4#
141 581.8 66.2 99.4#





#71

Phenanthrene

Concen: 2.709 ng

RT: 11.457 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF127105.D

Acq: 28 Feb 2022 17:44

Instrument :

BNA_F

ClientSampleId :

TP-9

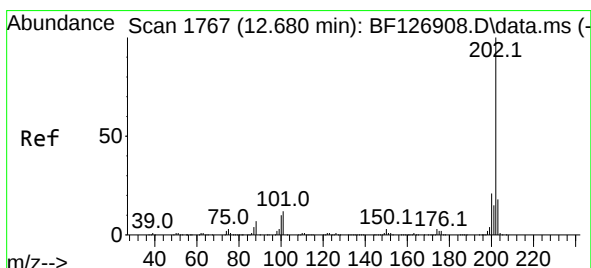
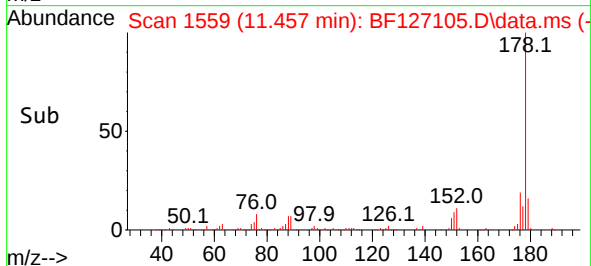
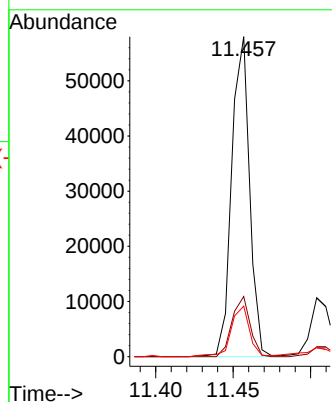
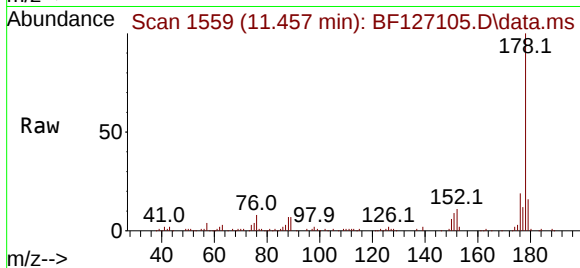
Tgt Ion:178 Resp: 46528

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

179 15.8 12.3 18.5



#75

Fluoranthene

Concen: 5.931 ng

RT: 12.645 min Scan# 1761

Delta R.T. -0.012 min

Lab File: BF127105.D

Acq: 28 Feb 2022 17:44

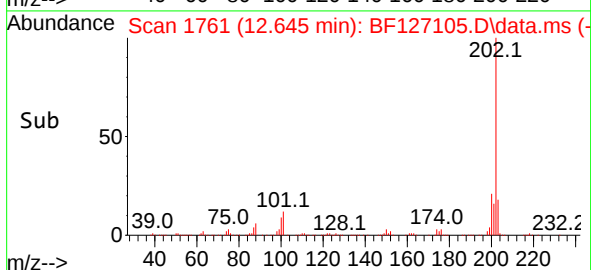
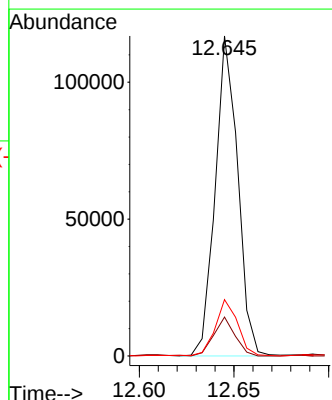
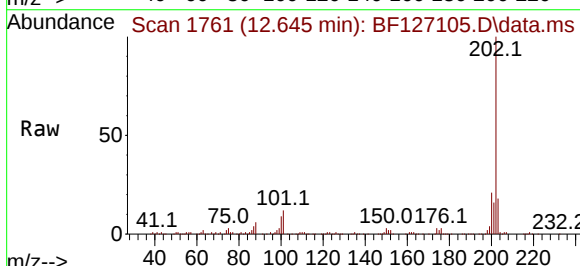
Tgt Ion:202 Resp: 96725

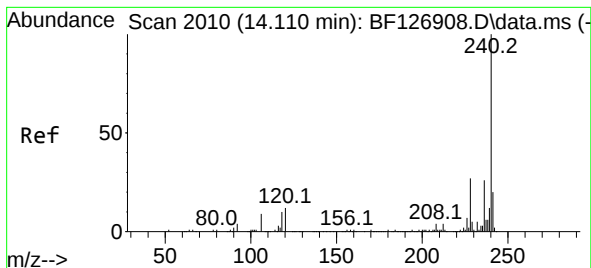
Ion Ratio Lower Upper

202 100

101 12.2 0.0 35.7

203 17.6 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127105.D

Acq: 28 Feb 2022 17:44

Instrument :

BNA_F

ClientSampleId :

TP-9

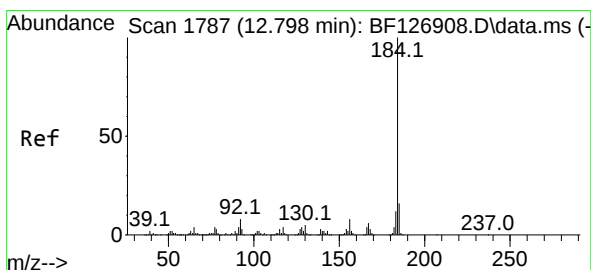
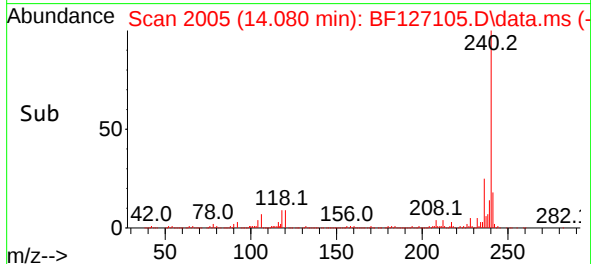
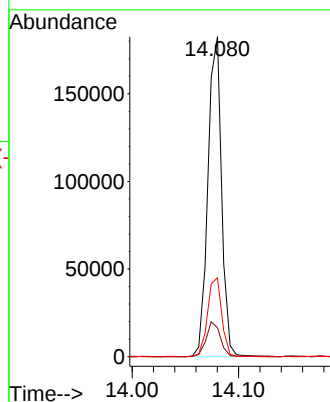
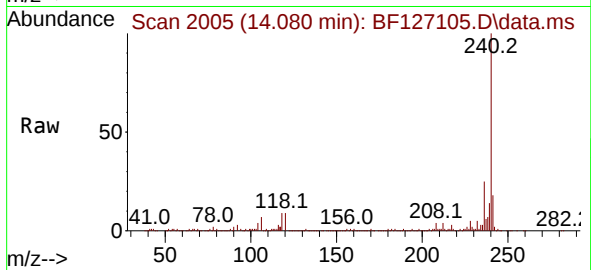
Tgt Ion:240 Resp: 163114

Ion Ratio Lower Upper

240 100

120 9.0 14.4 21.6#

236 24.6 20.5 30.7



#77

Benidine

Concen: 2.209 ng

RT: 13.016 min Scan# 1824

Delta R.T. 0.241 min

Lab File: BF127105.D

Acq: 28 Feb 2022 17:44

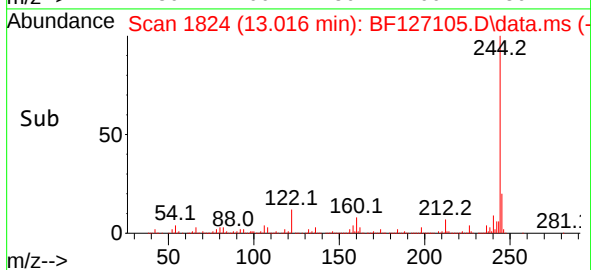
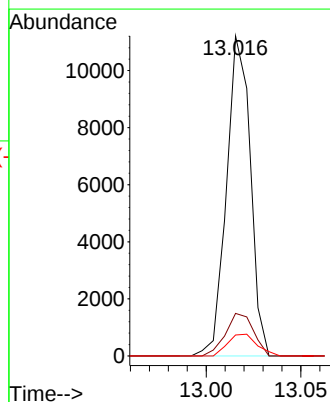
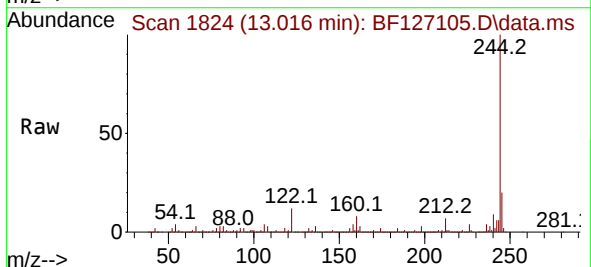
Tgt Ion:184 Resp: 9794

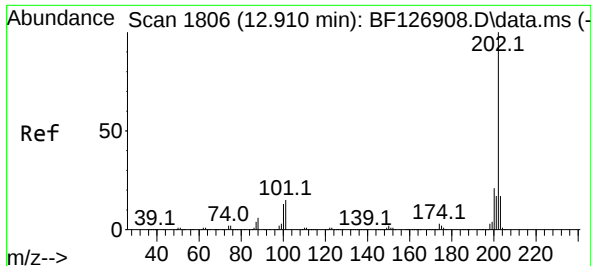
Ion Ratio Lower Upper

184 100

185 13.3 11.8 17.8

183 6.5 8.2 12.2#

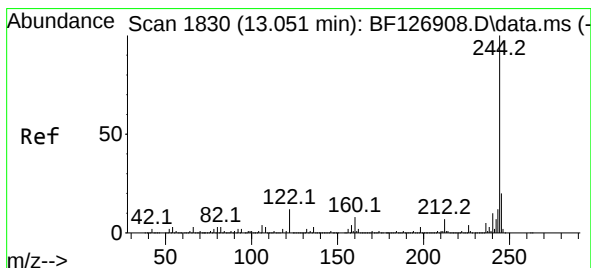
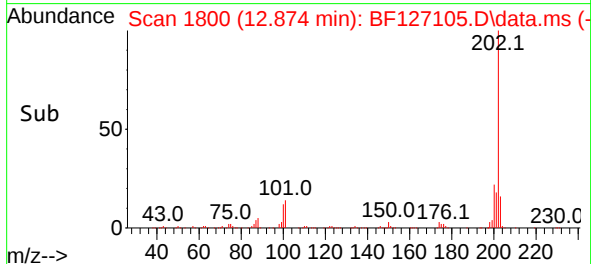
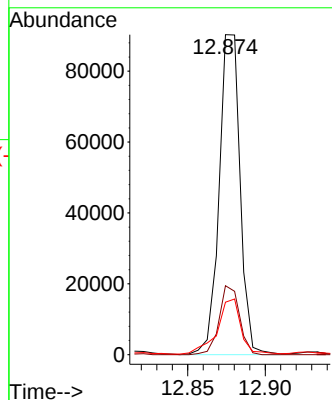
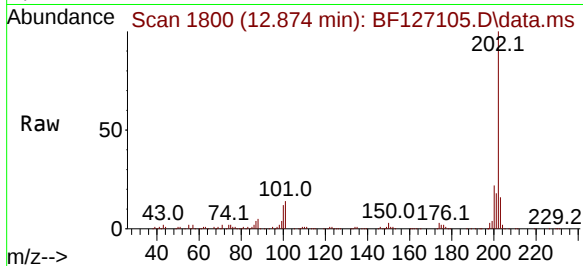




#78
Pyrene
Concen: 6.012 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.018 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

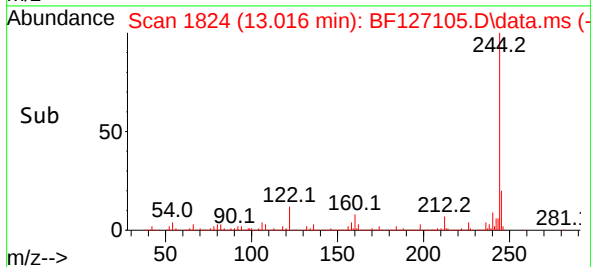
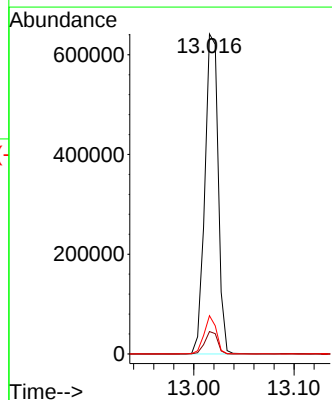
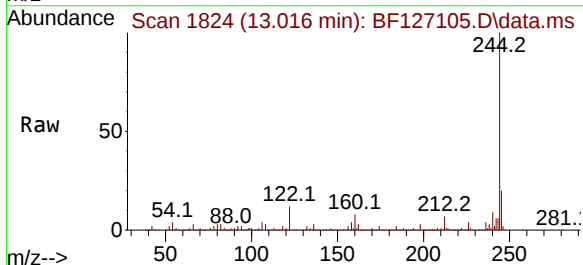
Instrument :
BNA_F
ClientSampleId :
TP-9

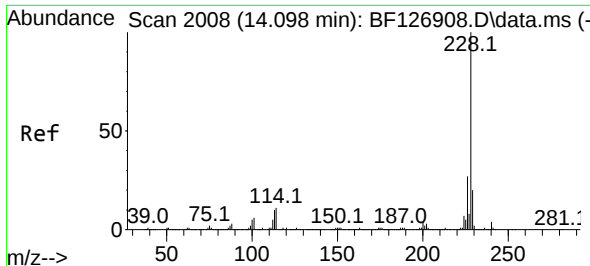
Tgt Ion:202	Resp:	85198
Ion Ratio	Lower	Upper
202	100	
200	21.6	16.6 24.8
203	16.4	13.8 20.8



#79
Terphenyl-d14
Concen: 53.722 ng
RT: 13.016 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

Tgt Ion:244	Resp:	596090
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.0 7.4
122	12.0	13.3 19.9

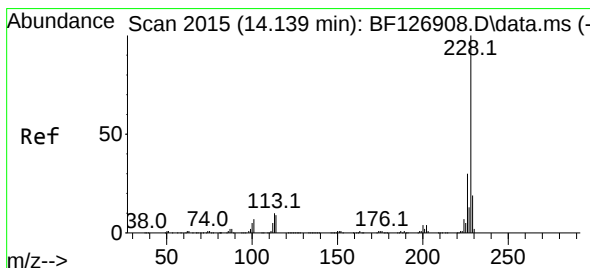
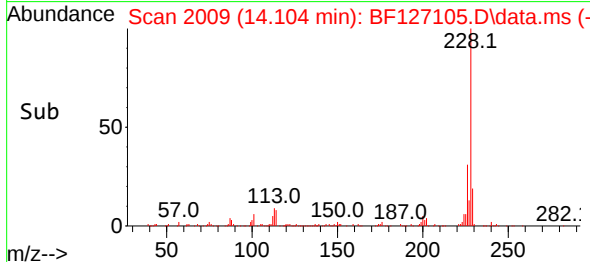
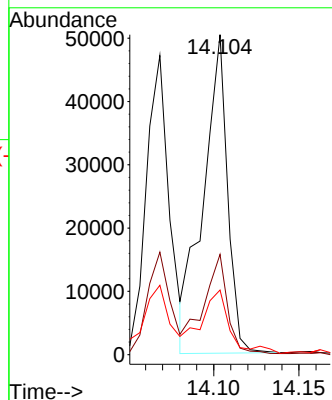
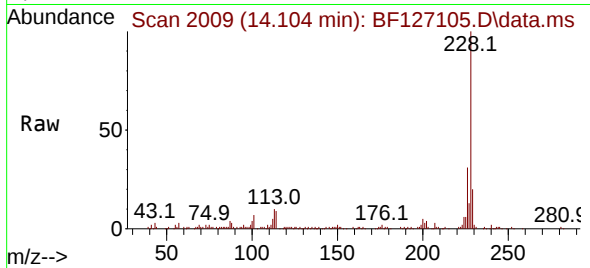




#81
Benzo(a)anthracene
Concen: 4.523 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.024 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

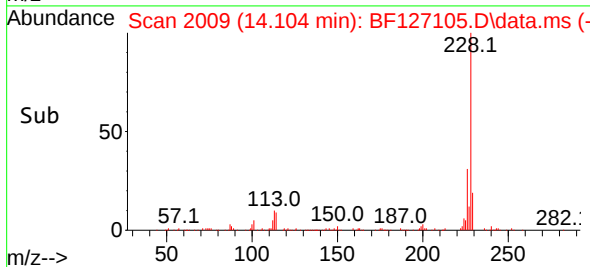
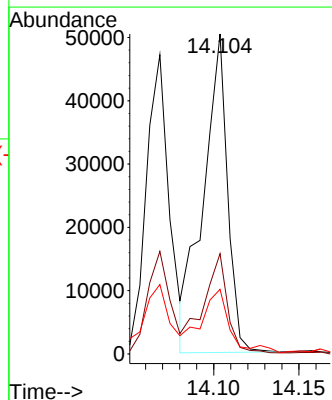
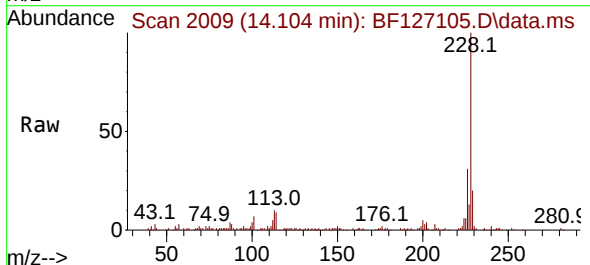
Instrument :
BNA_F
ClientSampleId :
TP-9

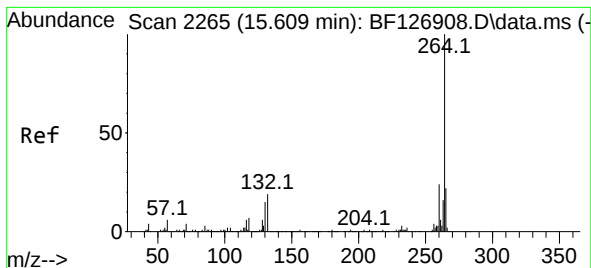
Tgt Ion:228 Resp: 49742
Ion Ratio Lower Upper
228 100
226 31.3 21.4 32.0
229 20.2 15.4 23.2



#83
Chrysene
Concen: 4.810 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF127105.D
Acq: 28 Feb 2022 17:44

Tgt Ion:228 Resp: 49742
Ion Ratio Lower Upper
228 100
226 31.3 23.7 35.5
229 20.2 15.5 23.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF127105.D

Acq: 28 Feb 2022 17:44

Instrument :

BNA_F

ClientSampleId :

TP-9

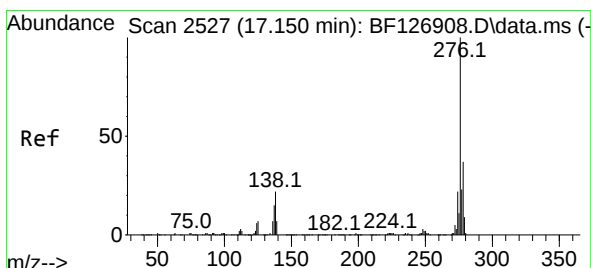
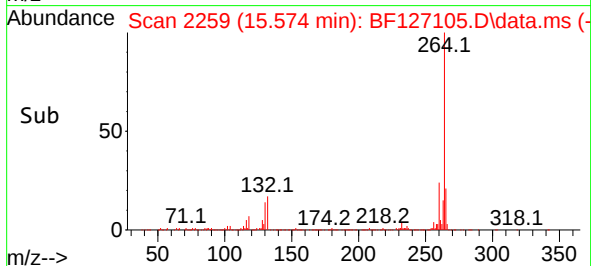
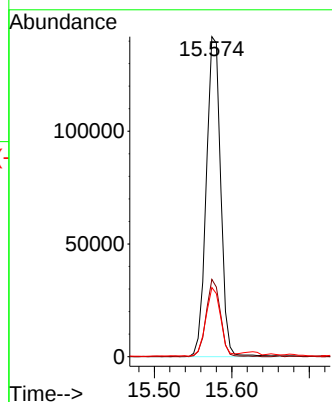
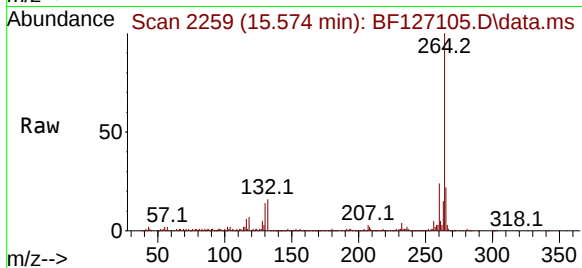
Tgt Ion:264 Resp: 183160

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.635 ng

RT: 17.086 min Scan# 2516

Delta R.T. -0.029 min

Lab File: BF127105.D

Acq: 28 Feb 2022 17:44

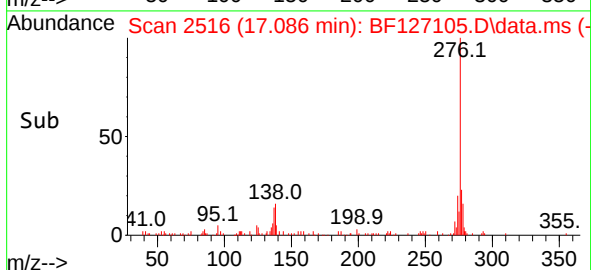
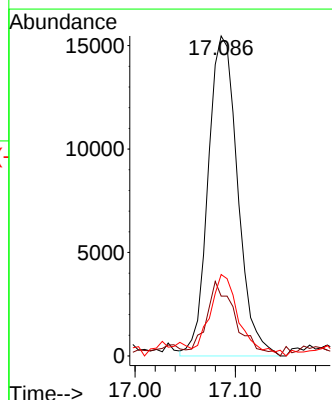
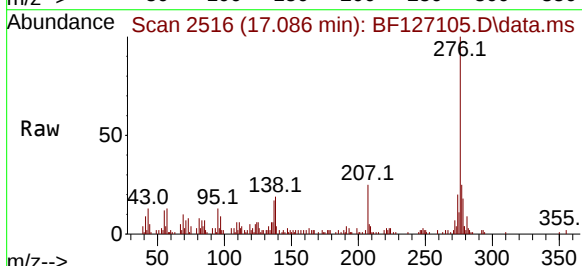
Tgt Ion:276 Resp: 31645

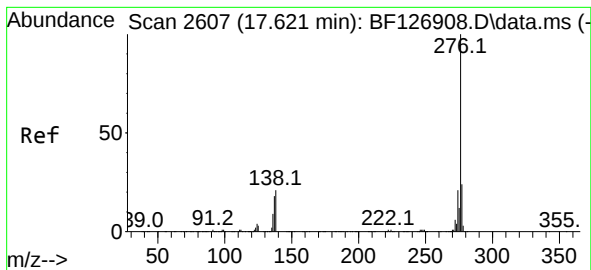
Ion Ratio Lower Upper

276 100

138 23.2 29.2 43.8#

277 25.2 19.8 29.8





#92

Benzo(g,h,i)perylene

Concen: 2.638 ng

RT: 17.545 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF127105.D

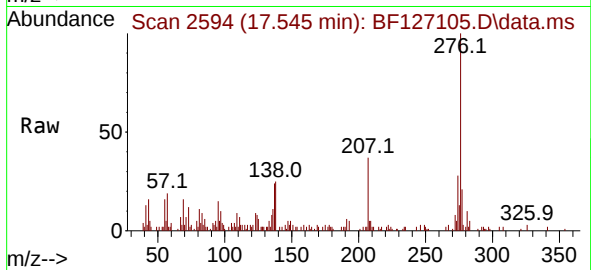
Acq: 28 Feb 2022 17:44

Instrument :

BNA_F

ClientSampleId :

TP-9



Tgt Ion:276 Resp: 25828

Ion Ratio Lower Upper

276 100

277 21.3 18.5 27.7

138 25.3 25.9 38.9#

