

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042222\
 Data File : BF127866.D
 Acq On : 22 Apr 2022 22:55
 Operator : CG\JU
 Sample : PB144313BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144313BL

Quant Time: Apr 24 01:04:28 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)

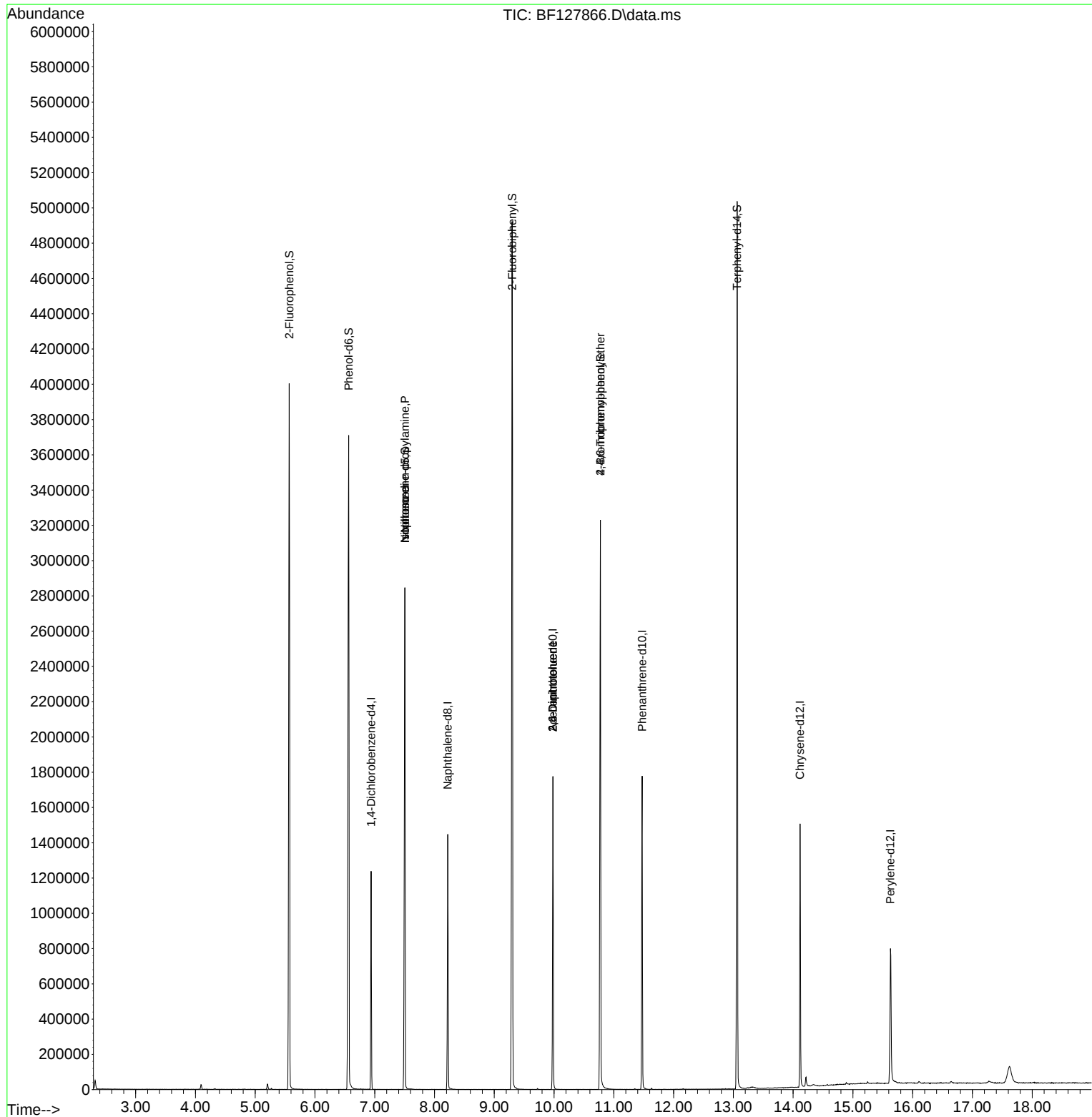
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	161000	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	633907	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	360433	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	670854	20.000	ng	0.00
76) Chrysene-d12	14.116	240	507796	20.000	ng	#-0.01
86) Perylene-d12	15.627	264	394929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1111090	109.921	ng	0.00
7) Phenol-d6	6.563	99	1435887	109.477	ng	0.00
23) Nitrobenzene-d5	7.504	82	1037151	76.937	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	384778	106.047	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1684892	79.083	ng	0.00
79) Terphenyl-d14	13.063	244	1965474	70.776	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	138545	17.256	ng	# 80
25) Isophorone	7.504	82	1037142	45.712	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	46093	8.807	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	46093	6.649	ng	# 26
67) 4-Bromophenyl-phenylether	10.775	248	24749	3.328	ng	# 1

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

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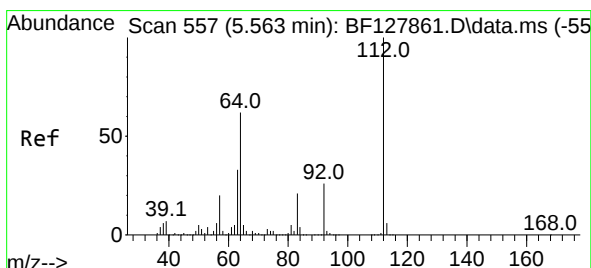
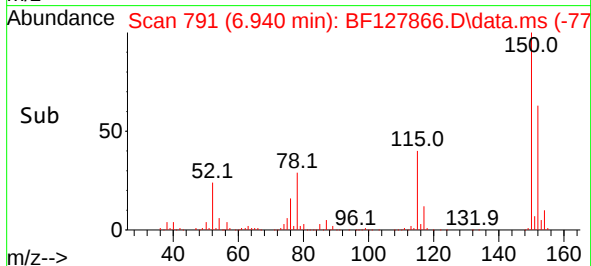
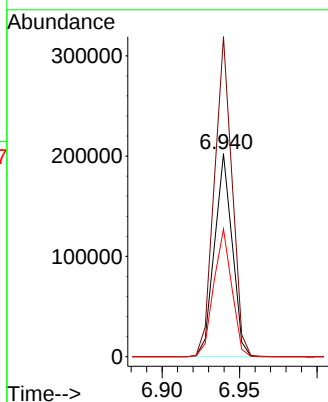
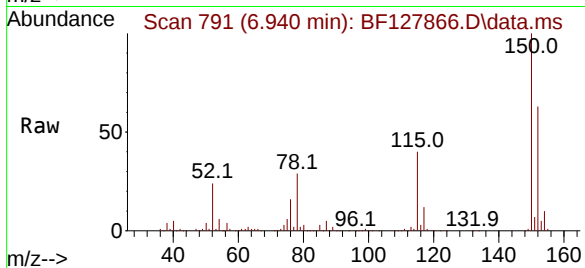




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF127866.D
Acq: 22 Apr 2022 22:55

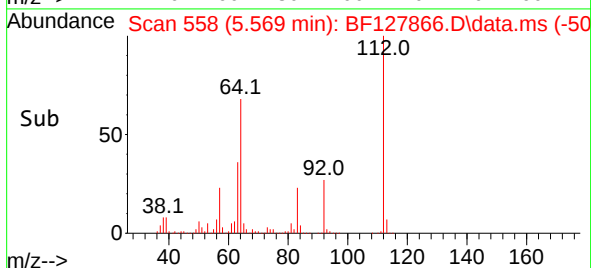
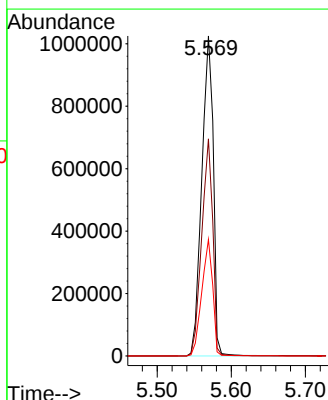
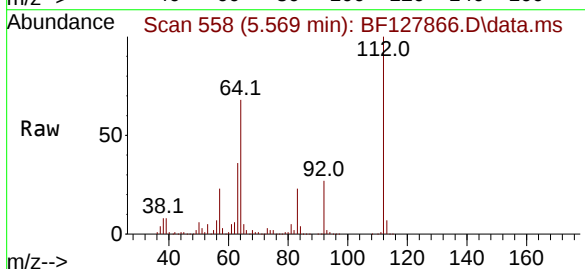
Instrument :
BNA_F
ClientSampleId :
PB144313BL

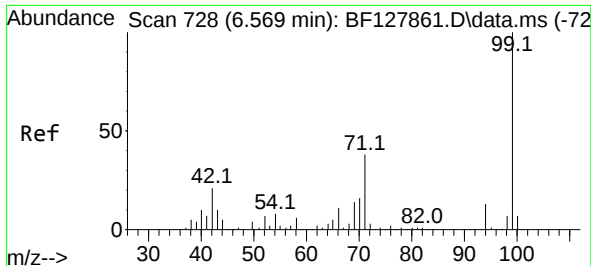
Tgt Ion:152 Resp: 161000
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 62.9 48.8 73.2



#5
2-Fluorophenol
Concen: 109.921 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF127866.D
Acq: 22 Apr 2022 22:55

Tgt Ion:112 Resp: 1111090
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 36.4 26.3 39.5

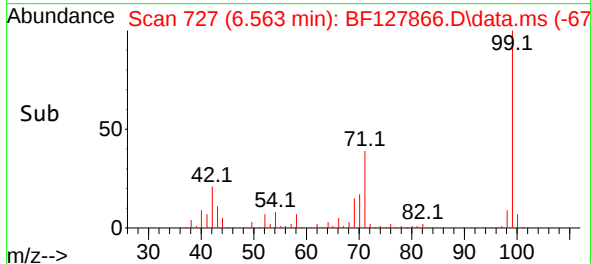
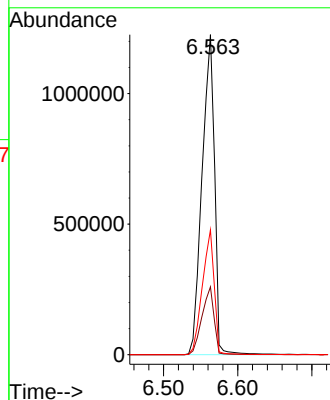
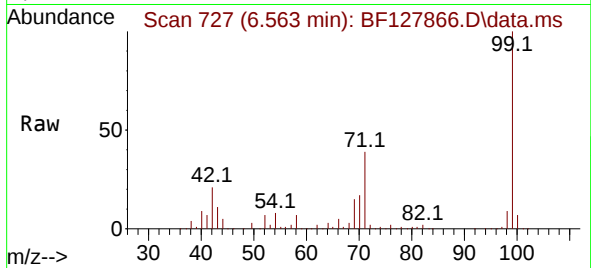




#7
Phenol-d6
Concen: 109.477 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127866.D
Acq: 22 Apr 2022 22:55

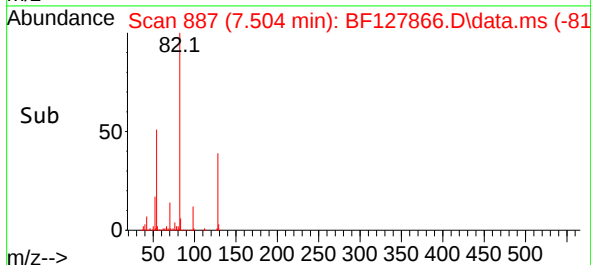
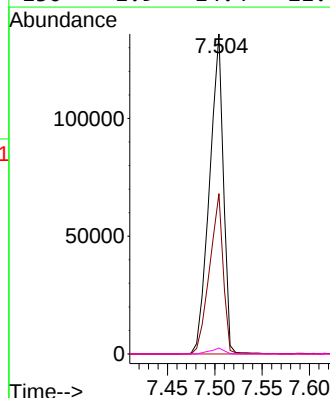
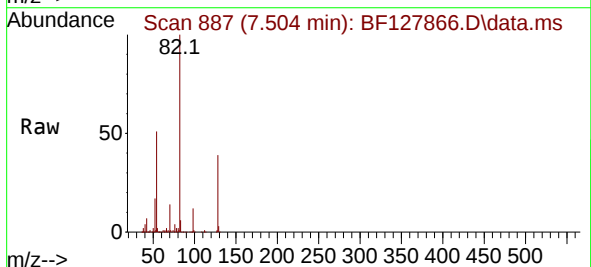
Instrument :
BNA_F
ClientSampleId :
PB144313BL

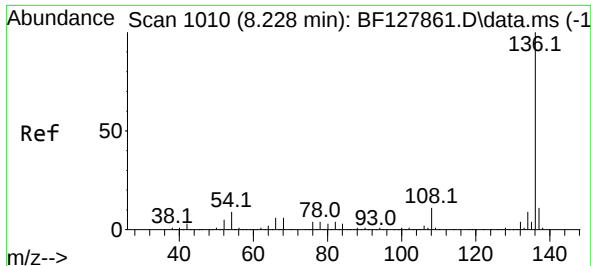
Tgt Ion: 99 Resp: 1435887
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 39.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.256 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127866.D
Acq: 22 Apr 2022 22:55

Tgt Ion: 70 Resp: 138545
Ion Ratio Lower Upper
70 100
42 50.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

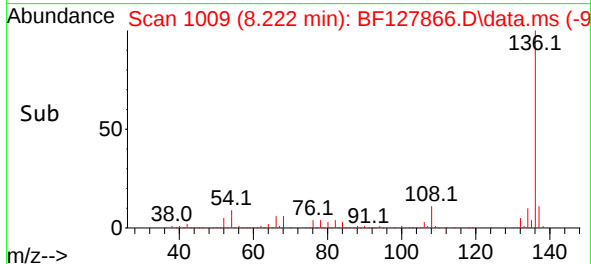
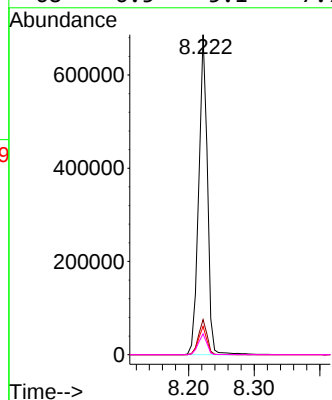
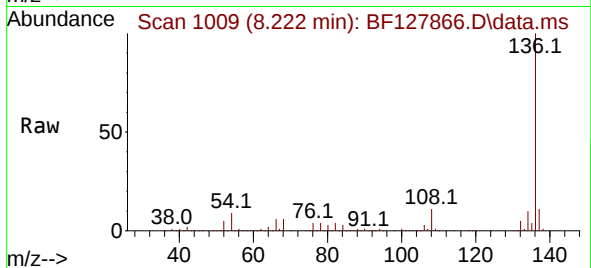




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127866.D
Acq: 22 Apr 2022 22:55

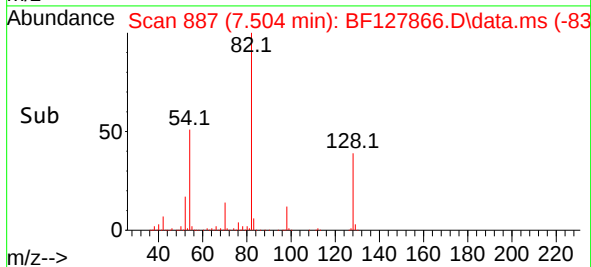
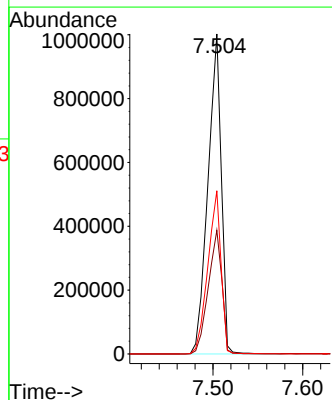
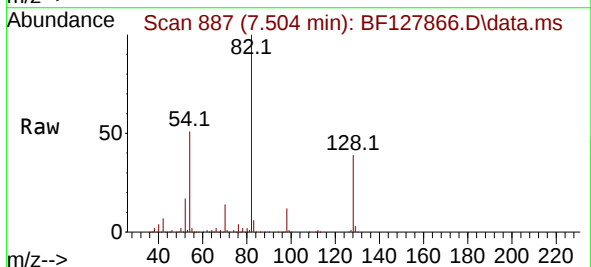
Instrument :
BNA_F
ClientSampleId :
PB144313BL

Tgt Ion:	136	Resp:	633907
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	8.9	6.8	10.2
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 76.937 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127866.D
Acq: 22 Apr 2022 22:55

Tgt Ion:	82	Resp:	1037151
Ion Ratio	Lower	Upper	
82	100		
128	38.6	30.0	45.0
54	51.0	41.3	61.9

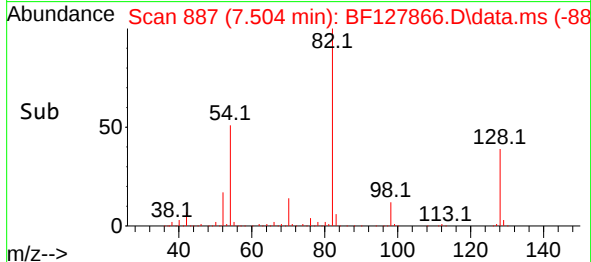
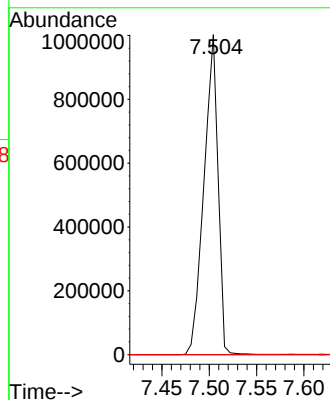
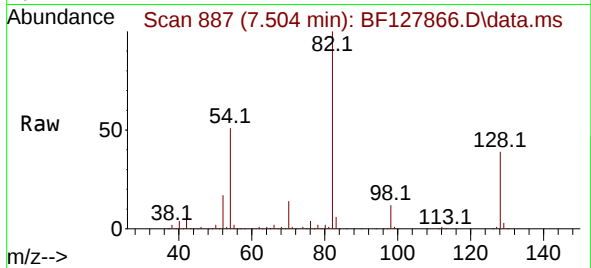




#25
Isophorone
Concen: 45.712 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127866.D
Acq: 22 Apr 2022 22:55

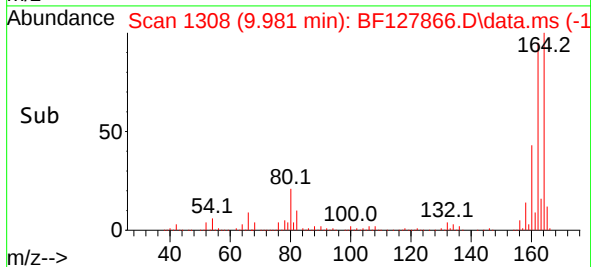
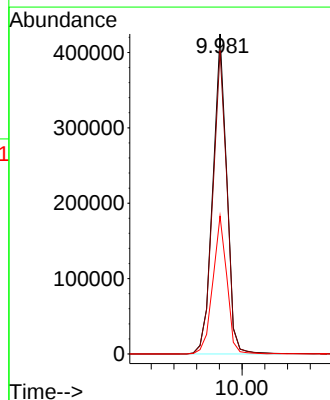
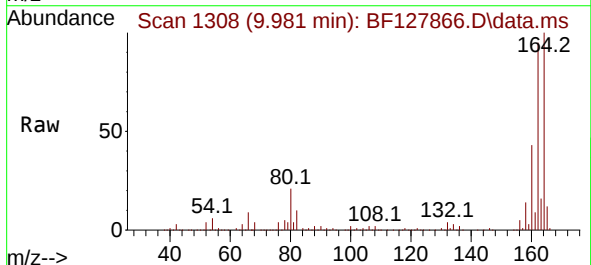
Instrument :
BNA_F
ClientSampleId :
PB144313BL

Tgt Ion: 82 Resp: 1037142
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: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127866.D
Acq: 22 Apr 2022 22:55

Tgt Ion: 164 Resp: 360433
Ion Ratio Lower Upper
164 100
162 94.8 76.0 114.0
160 43.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 106.047 ng

RT: 10.775 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF127866.D

Acq: 22 Apr 2022 22:55

Instrument :

BNA_F

ClientSampleId :

PB144313BL

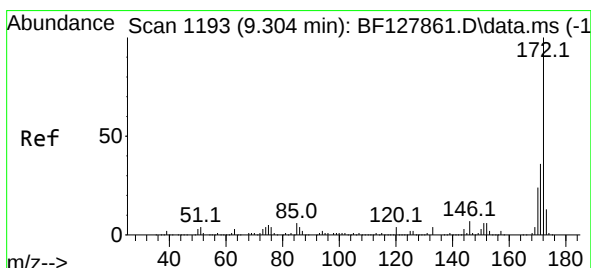
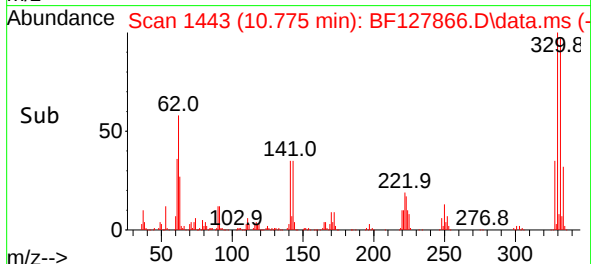
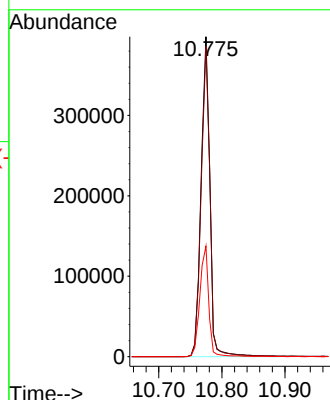
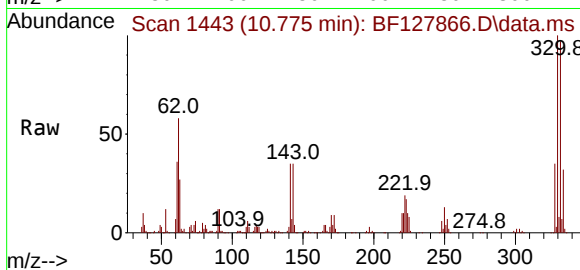
Tgt Ion:330 Resp: 384778

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

141 35.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 79.083 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127866.D

Acq: 22 Apr 2022 22:55

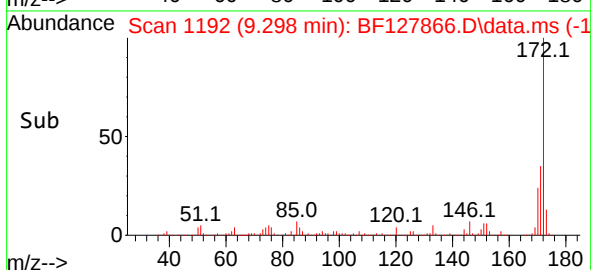
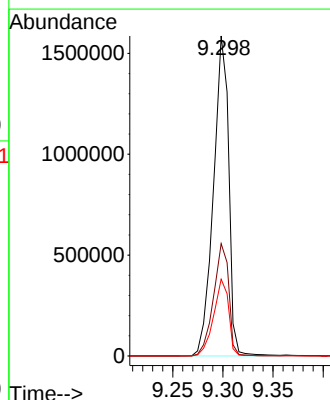
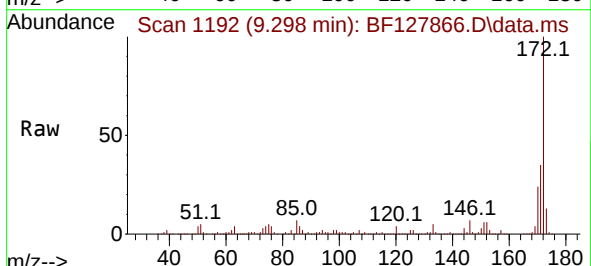
Tgt Ion:172 Resp: 1684892

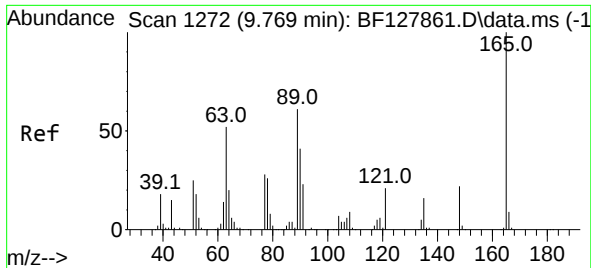
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 24.0 19.1 28.7

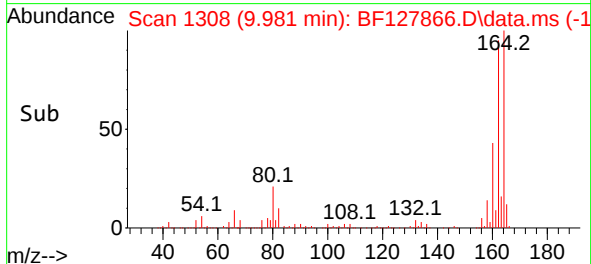
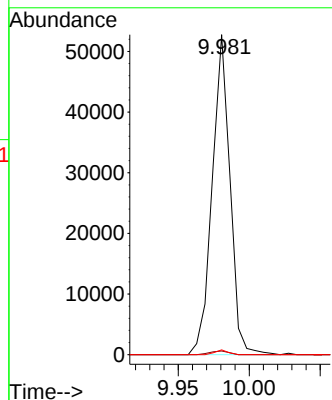
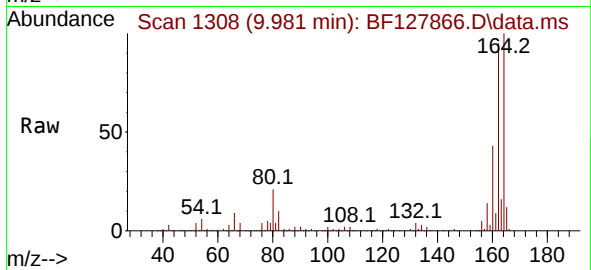




#51
2,6-Dinitrotoluene
Concen: 8.807 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127866.D
Acq: 22 Apr 2022 22:55

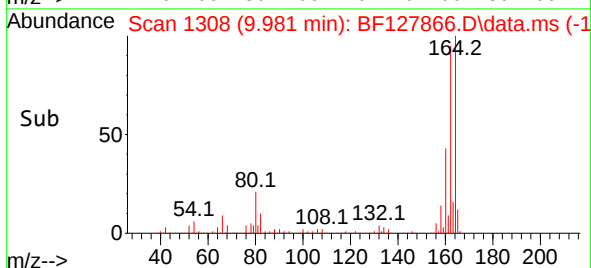
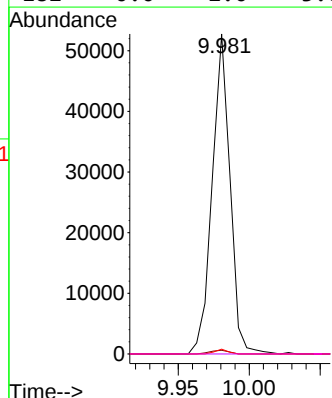
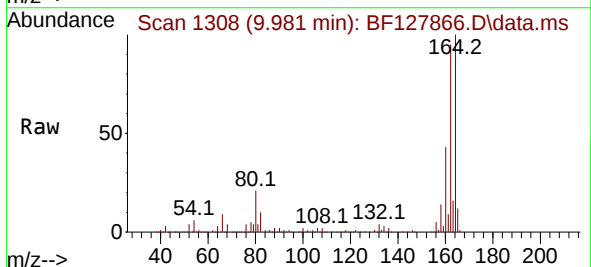
Instrument :
BNA_F
ClientSampleId :
PB144313BL

Tgt Ion:165 Resp: 46093
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.5 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.649 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127866.D
Acq: 22 Apr 2022 22:55

Tgt Ion:165 Resp: 46093
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#

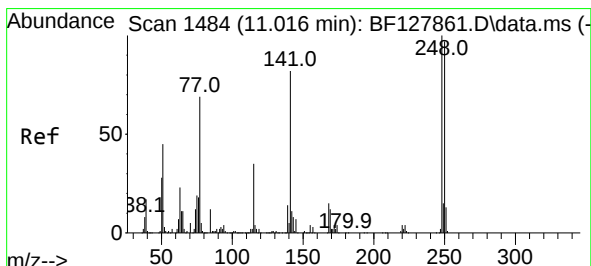
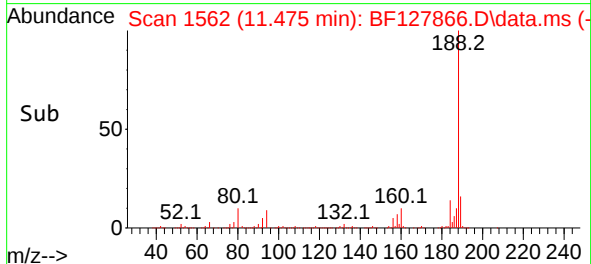
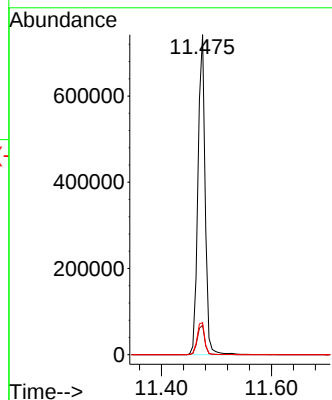
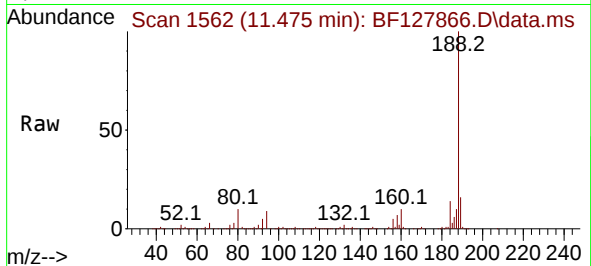




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127866.D
Acq: 22 Apr 2022 22:55

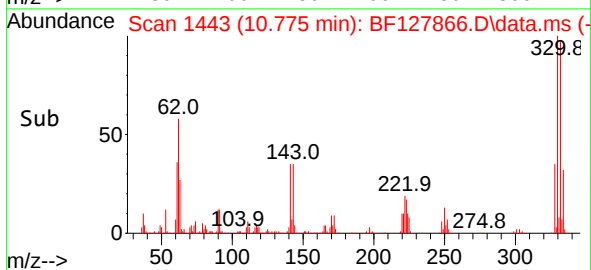
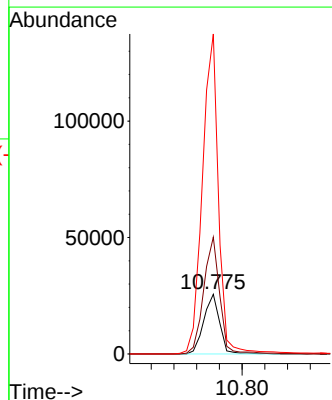
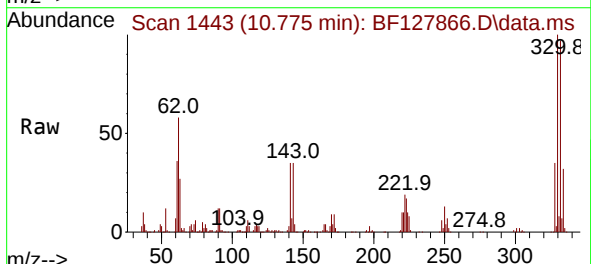
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BNA_F
ClientSampleId :
PB144313BL

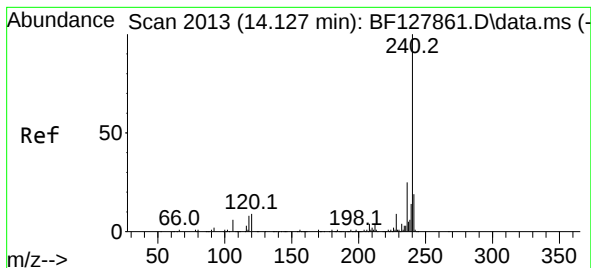
Tgt Ion:188 Resp: 670854
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.328 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127866.D
Acq: 22 Apr 2022 22:55

Tgt Ion:248 Resp: 24749
Ion Ratio Lower Upper
248 100
250 195.8 77.7 116.5#
141 536.2 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.116 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF127866.D

Acq: 22 Apr 2022 22:55

Instrument :

BNA_F

ClientSampleId :

PB144313BL

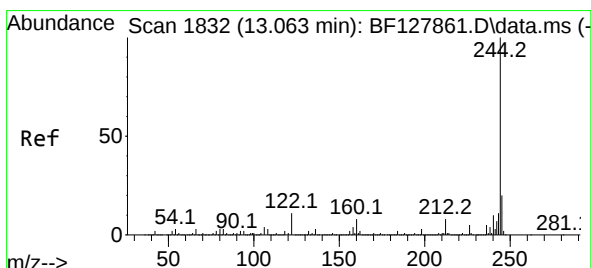
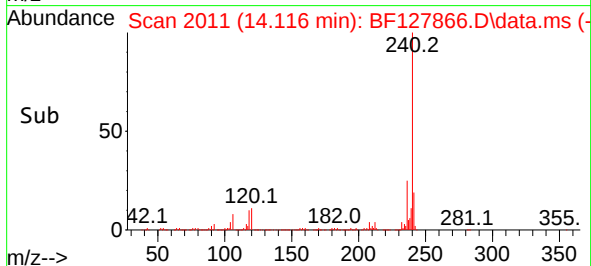
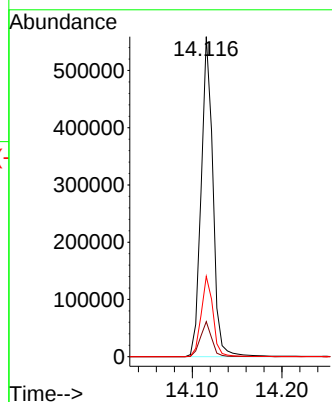
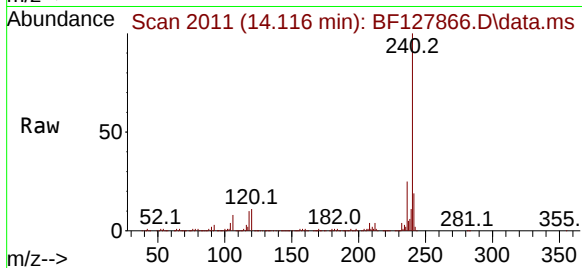
Tgt Ion:240 Resp: 507796

Ion Ratio Lower Upper

240 100

120 10.9 7.0 10.6#

236 25.1 20.3 30.5



#79

Terphenyl-d14

Concen: 70.776 ng

RT: 13.063 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF127866.D

Acq: 22 Apr 2022 22:55

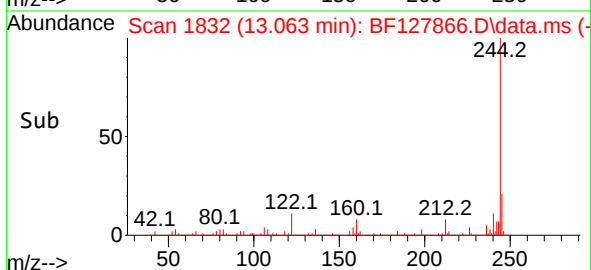
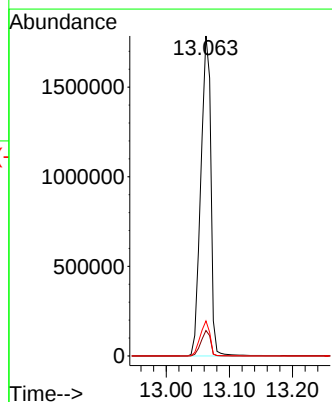
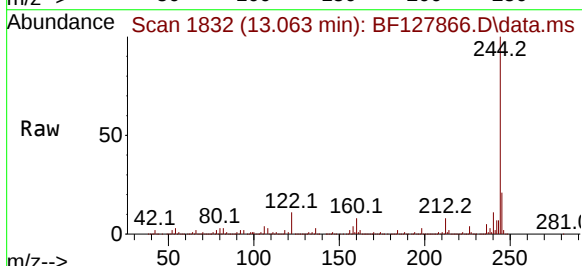
Tgt Ion:244 Resp: 1965474

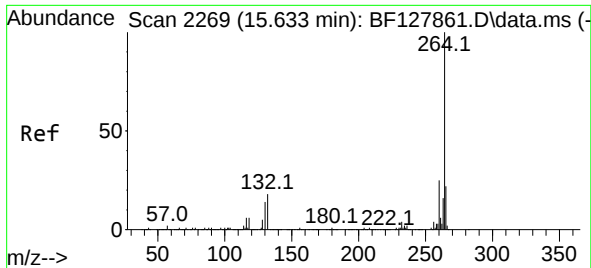
Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

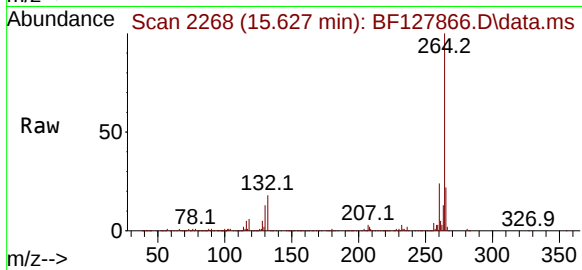
122 10.9 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127866.D
 Acq: 22 Apr 2022 22:55

Instrument :
 BNA_F
 ClientSampleId :
 PB144313BL



Tgt Ion:264 Resp: 394929
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 21.9 17.5 26.3

