

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128089.D
 Acq On : 05 May 2022 12:02
 Operator : CG\JU
 Sample : N2665-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12,7

Quant Time: May 05 17:58:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

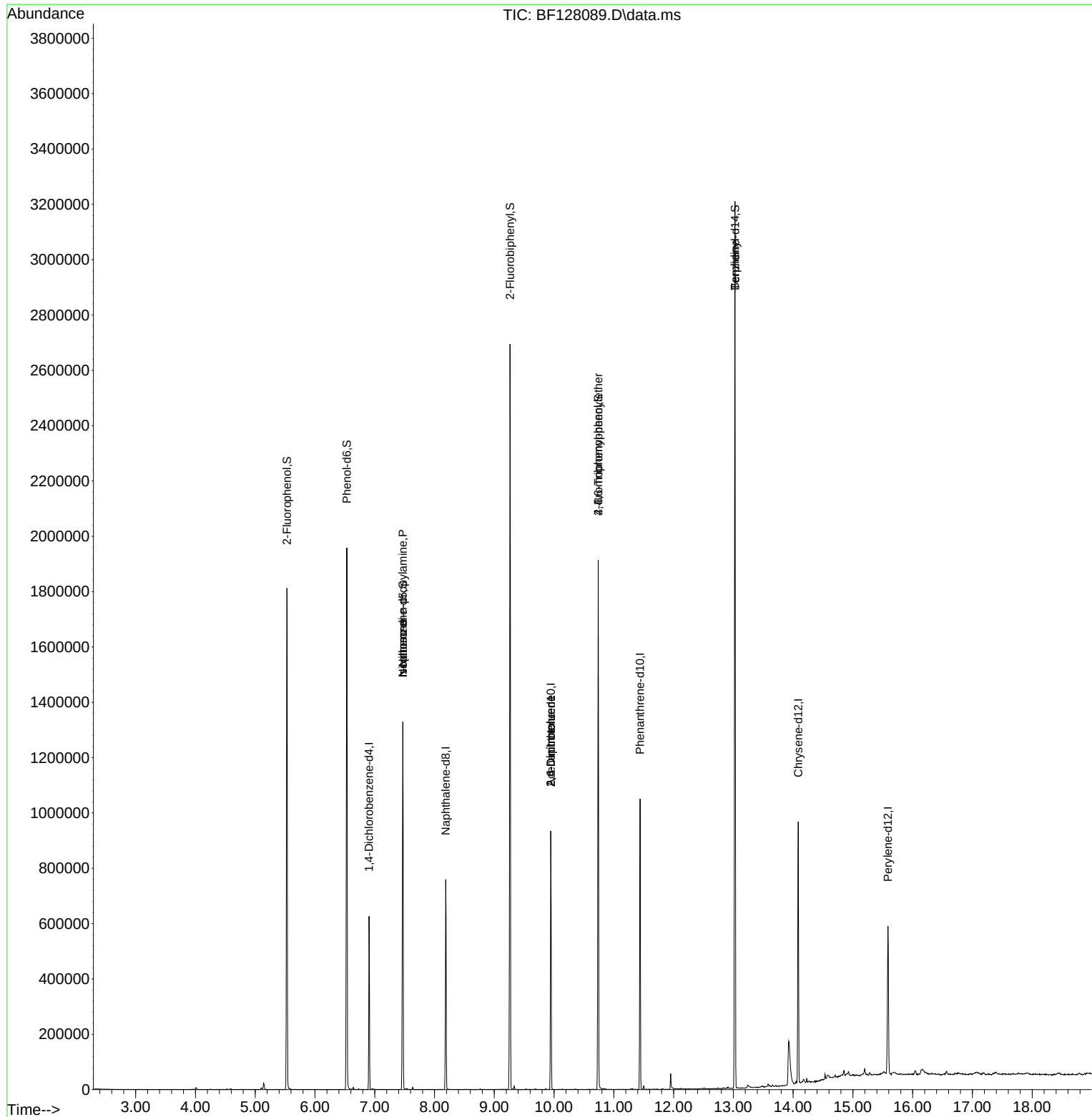
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	80600	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	316500	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	184451	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	360049	20.000	ng	0.00
76) Chrysene-d12	14.086	240	308439	20.000	ng	0.00
86) Perylene-d12	15.586	264	248353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	488140	96.464	ng	0.00
7) Phenol-d6	6.534	99	647914	98.675	ng	-0.01
23) Nitrobenzene-d5	7.469	82	460961	68.487	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	211349	113.824	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	805941	73.919	ng	0.00
79) Terphenyl-d14	13.027	244	1066970	63.255	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	62941	15.659	ng	# 80
25) Isophorone	7.469	82	460953	40.691	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	24373	9.100	ng	# 22
57) 2,4-Dinitrotoluene	9.945	165	24373	6.870	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	13049	3.269	ng	# 1
77) Benzidine	13.027	184	15571	2.668	ng	# 93

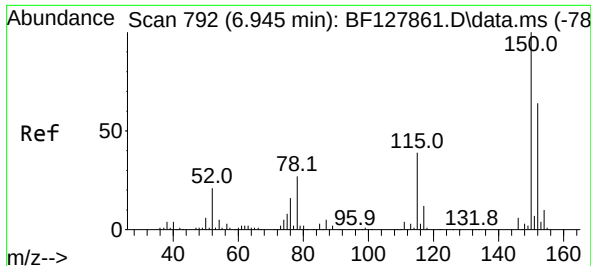
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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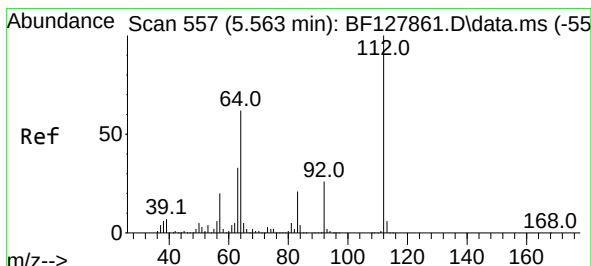
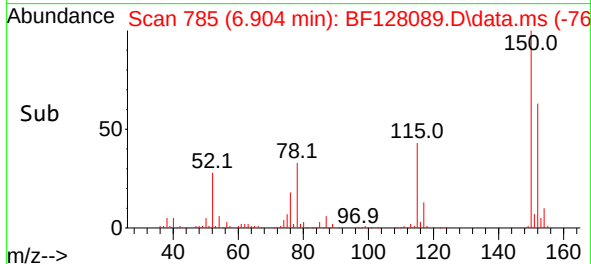
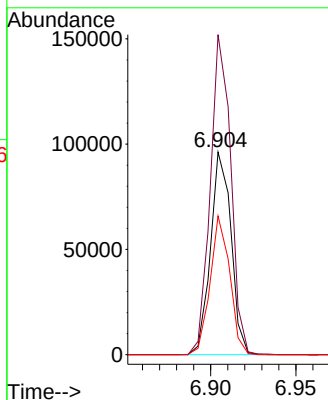
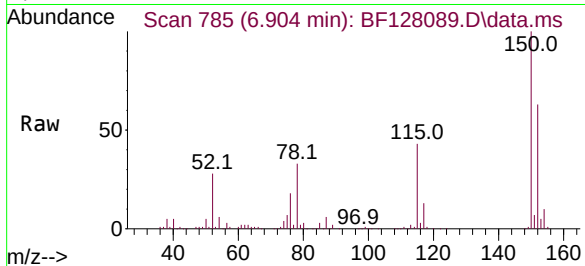




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128089.D
 Acq: 05 May 2022 12:02

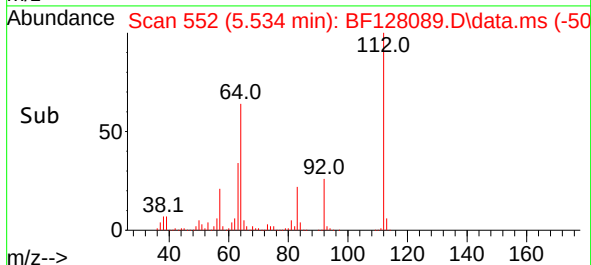
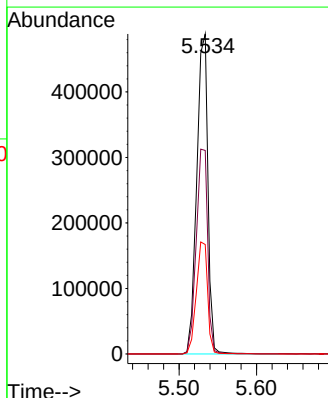
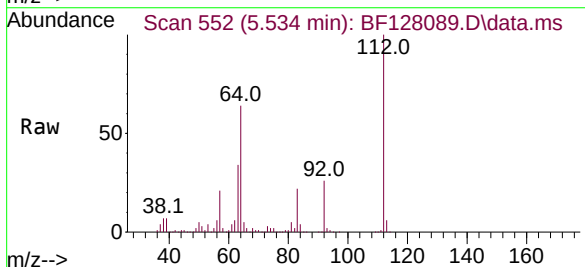
Instrument :
 BNA_F
 ClientSampleId :
 SB-12,7

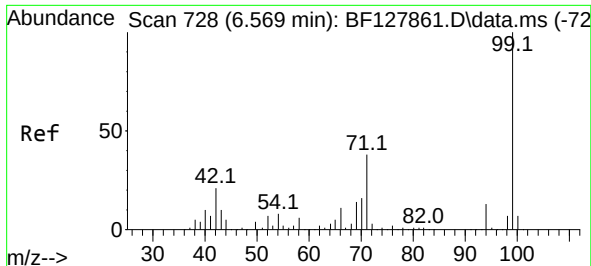
Tgt Ion:152 Resp: 80600
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.3 187.9
 115 68.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 96.464 ng
 RT: 5.534 min Scan# 552
 Delta R.T. 0.000 min
 Lab File: BF128089.D
 Acq: 05 May 2022 12:02

Tgt Ion:112 Resp: 488140
 Ion Ratio Lower Upper
 112 100
 64 63.6 49.5 74.3
 63 34.2 26.3 39.5

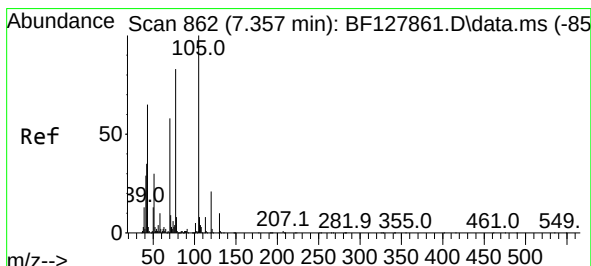
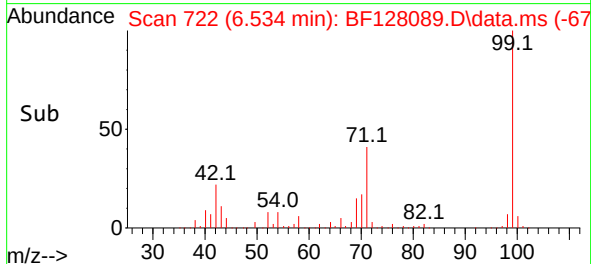
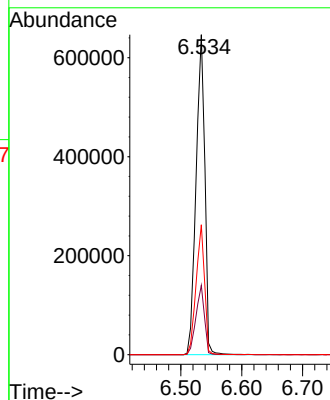
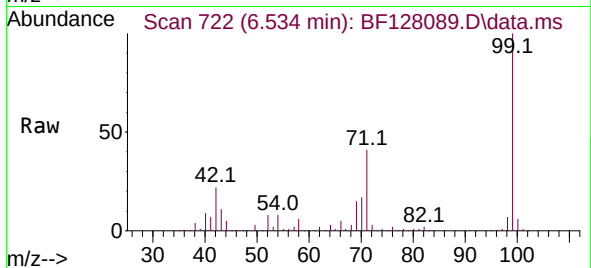




#7
Phenol-d6
Concen: 98.675 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128089.D
Acq: 05 May 2022 12:02

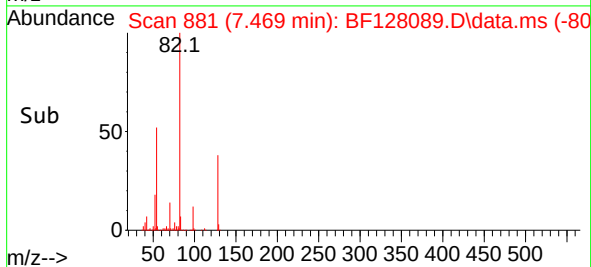
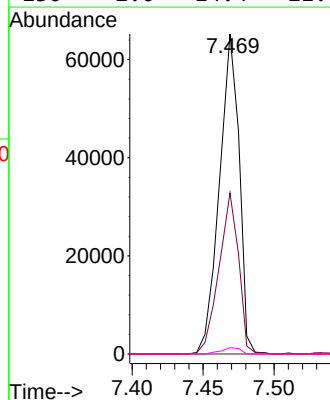
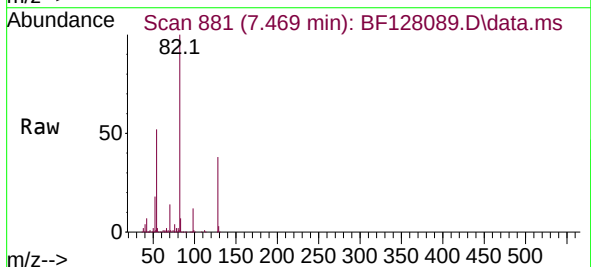
Instrument :
BNA_F
ClientSampleId :
SB-12,7

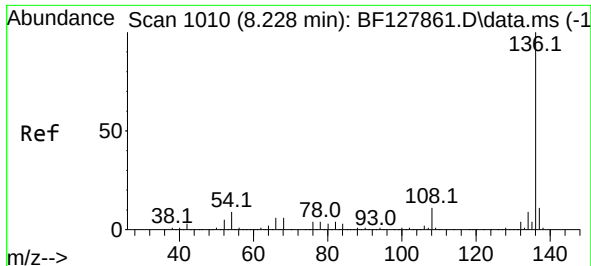
Tgt Ion: 99 Resp: 647914
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 40.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.659 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128089.D
Acq: 05 May 2022 12:02

Tgt Ion: 70 Resp: 62941
Ion Ratio Lower Upper
70 100
42 50.3 48.7 73.1
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

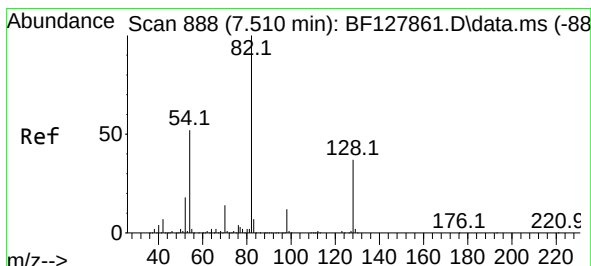
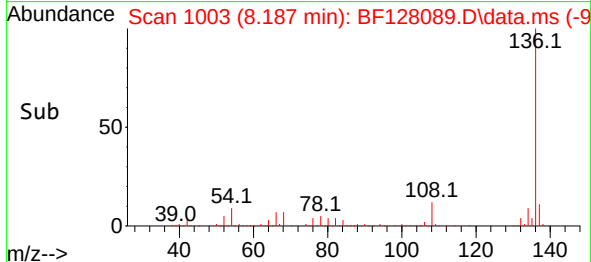
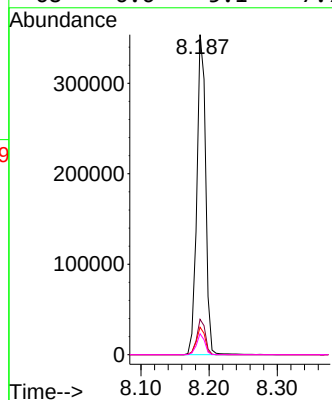
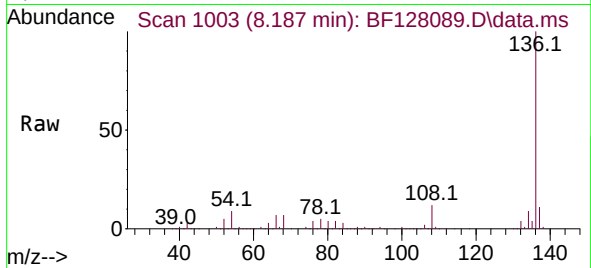




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128089.D
Acq: 05 May 2022 12:02

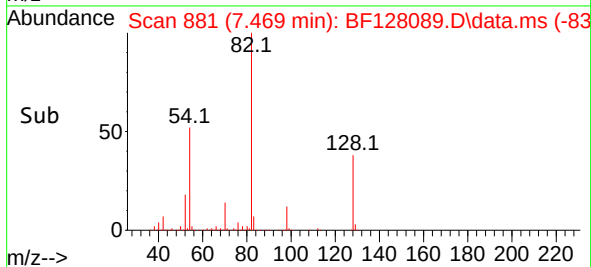
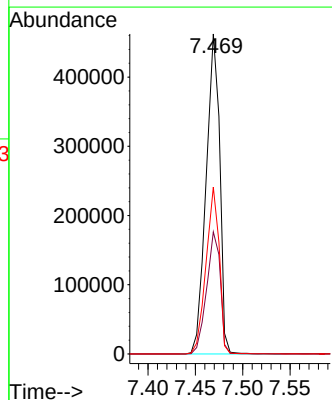
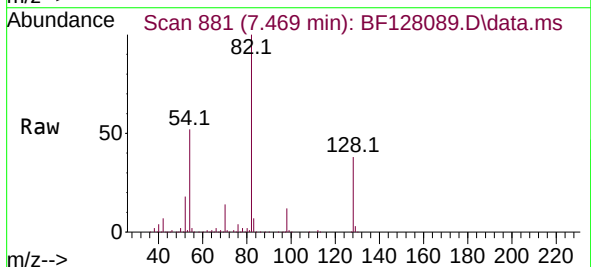
Instrument :
BNA_F
ClientSampleId :
SB-12,7

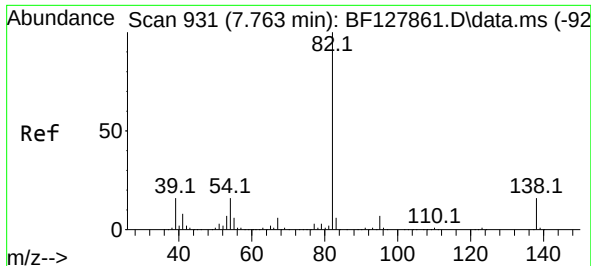
Tgt Ion:	136	Resp:	316500
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	8.6	6.8	10.2
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 68.487 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128089.D
Acq: 05 May 2022 12:02

Tgt Ion:	82	Resp:	460961
Ion Ratio	Lower	Upper	
82	100		
128	38.2	30.0	45.0
54	52.1	41.3	61.9

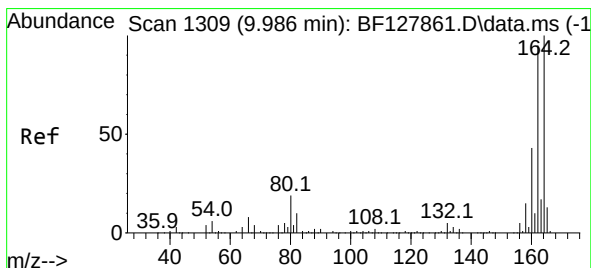
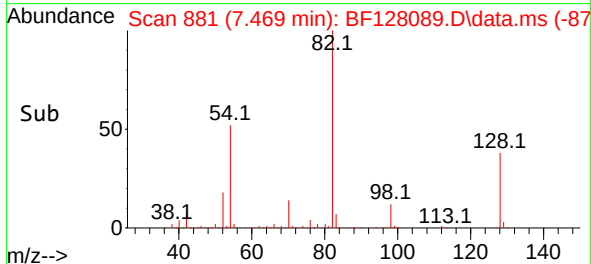
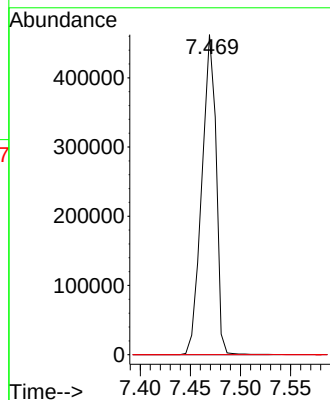
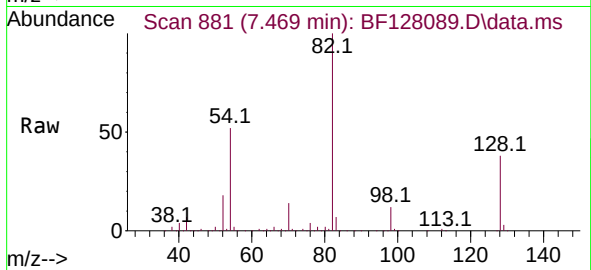




#25
Isophorone
Concen: 40.691 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128089.D
Acq: 05 May 2022 12:02

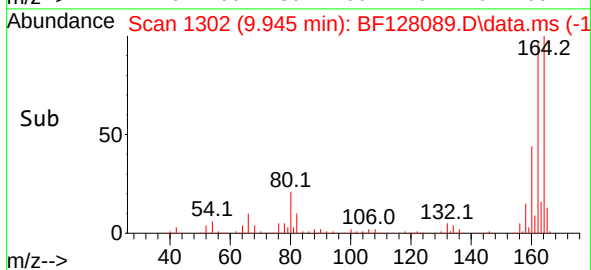
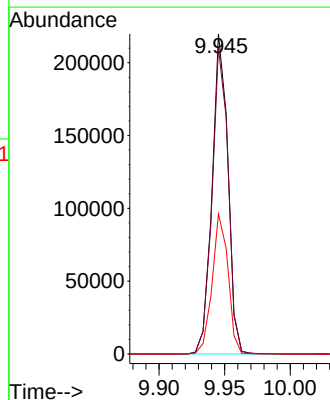
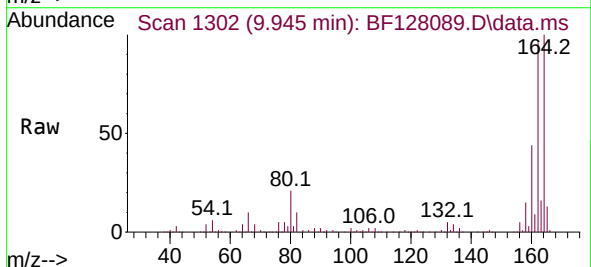
Instrument :
BNA_F
ClientSampleId :
SB-12,7

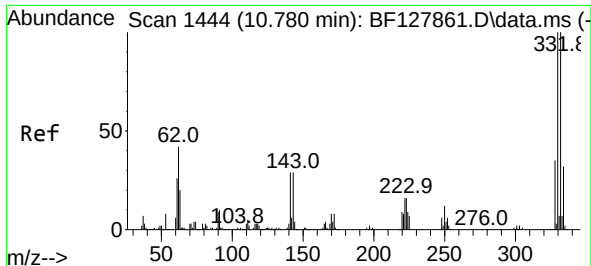
Tgt Ion: 82 Resp: 460953
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128089.D
Acq: 05 May 2022 12:02

Tgt Ion: 164 Resp: 184451
Ion Ratio Lower Upper
164 100
162 95.7 76.0 114.0
160 43.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 113.824 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128089.D

Acq: 05 May 2022 12:02

Instrument :

BNA_F

ClientSampleId :

SB-12,7

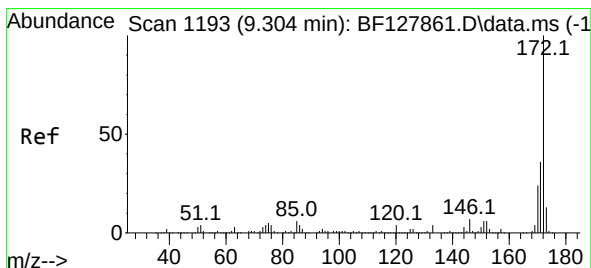
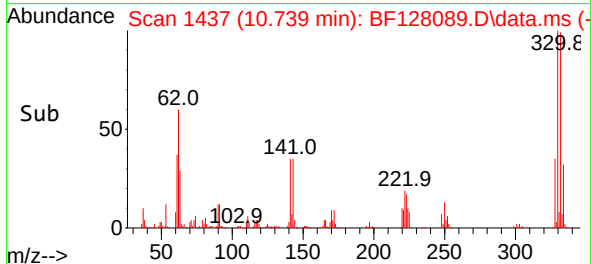
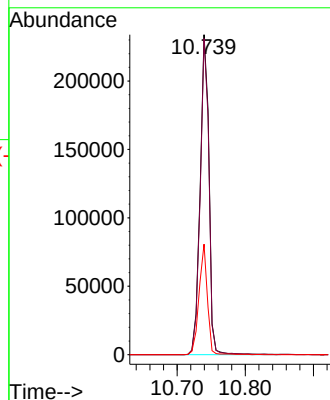
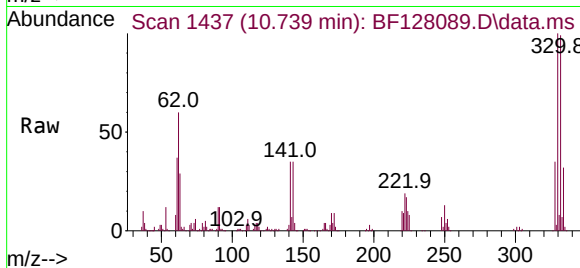
Tgt Ion:330 Resp: 211349

Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

141 32.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 73.919 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128089.D

Acq: 05 May 2022 12:02

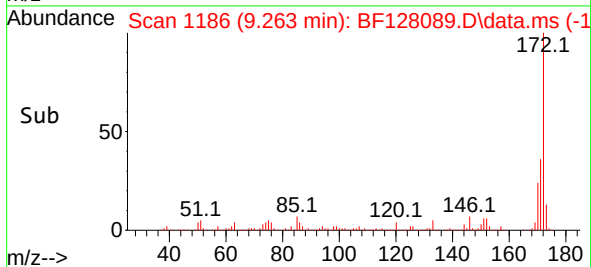
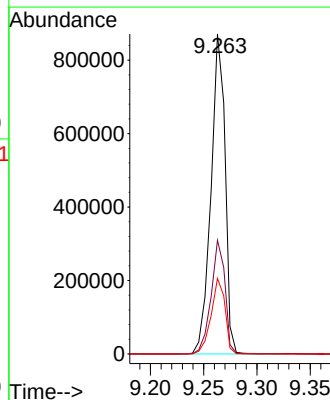
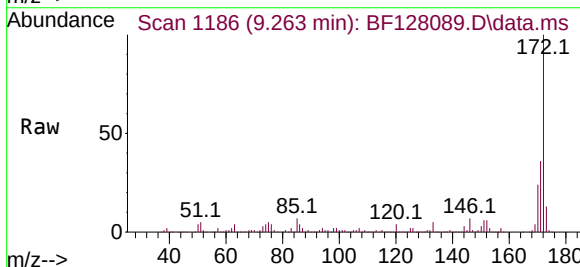
Tgt Ion:172 Resp: 805941

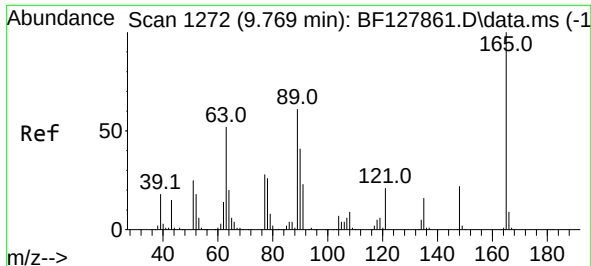
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.6 19.1 28.7

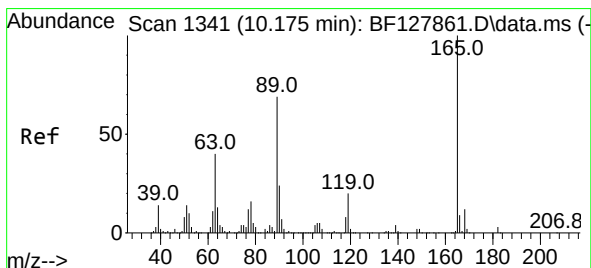
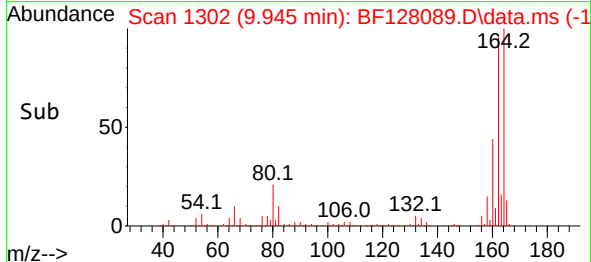
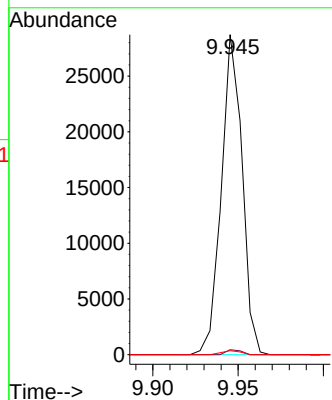
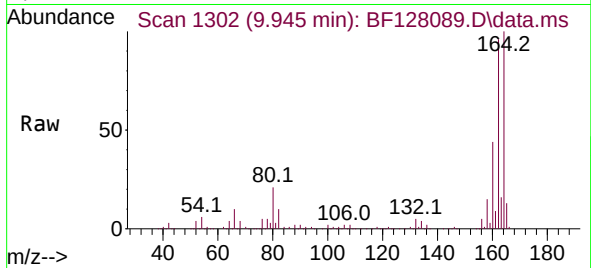




#51
2,6-Dinitrotoluene
Concen: 9.100 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128089.D
Acq: 05 May 2022 12:02

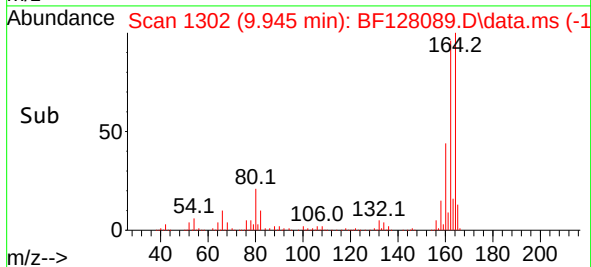
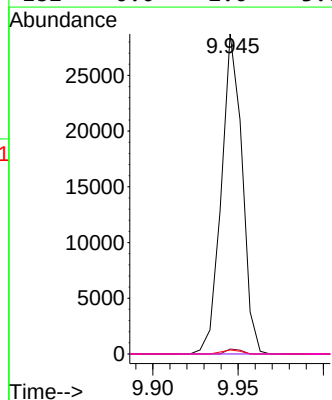
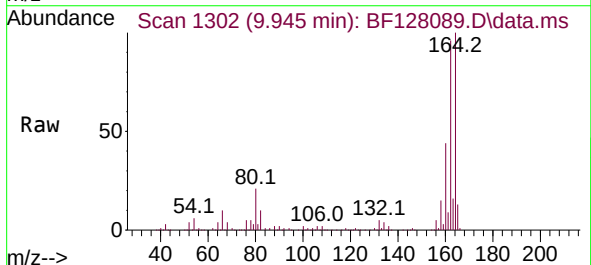
Instrument :
BNA_F
ClientSampleId :
SB-12,7

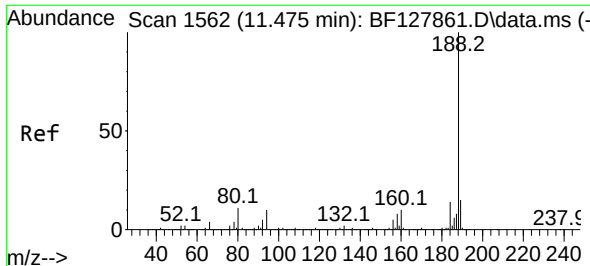
Tgt Ion:165 Resp: 24373
Ion Ratio Lower Upper
165 100
63 1.5 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.870 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128089.D
Acq: 05 May 2022 12:02

Tgt Ion:165 Resp: 24373
Ion Ratio Lower Upper
165 100
63 1.5 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

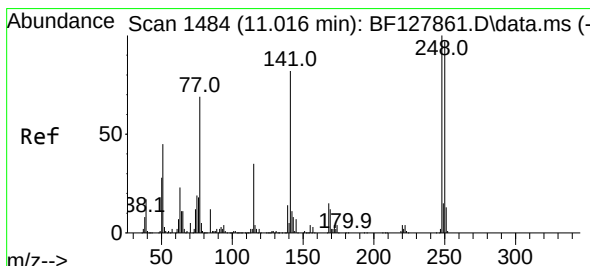
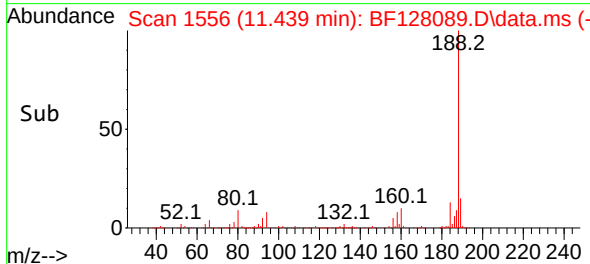
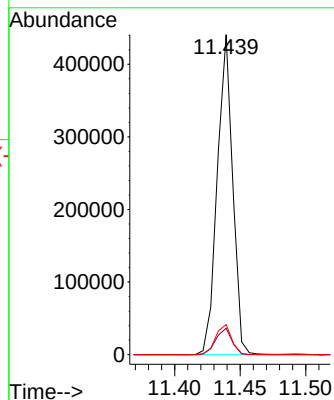
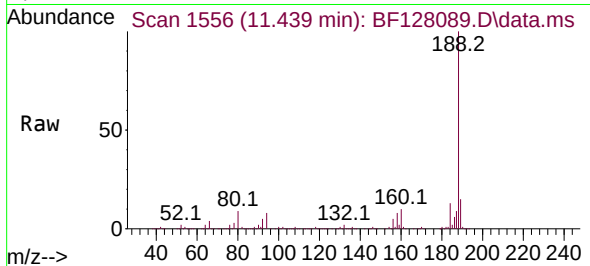




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128089.D
Acq: 05 May 2022 12:02

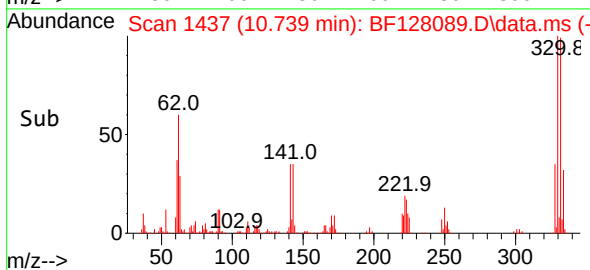
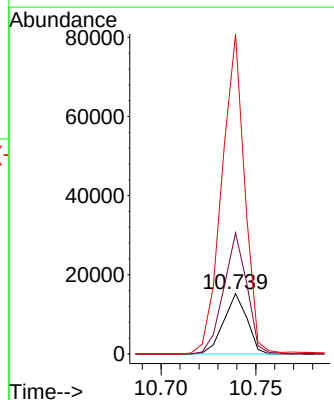
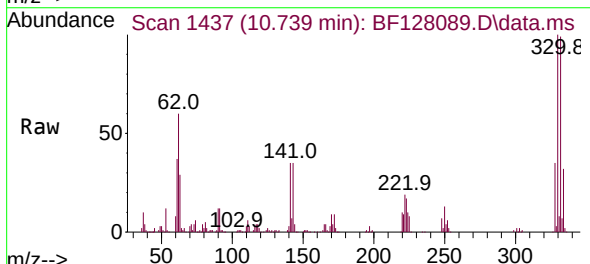
Instrument :
BNA_F
ClientSampleId :
SB-12,7

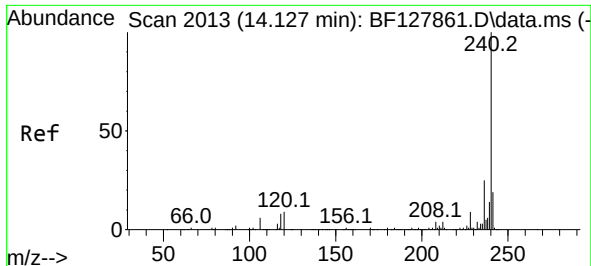
Tgt Ion:188 Resp: 360049
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.269 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128089.D
Acq: 05 May 2022 12:02

Tgt Ion:248 Resp: 13049
Ion Ratio Lower Upper
248 100
250 200.7 77.7 116.5#
141 530.2 65.6 98.4#

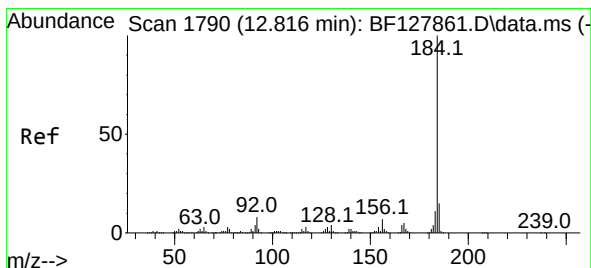
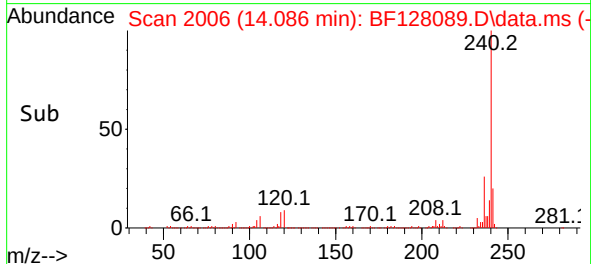
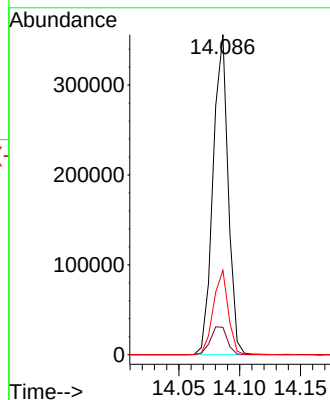
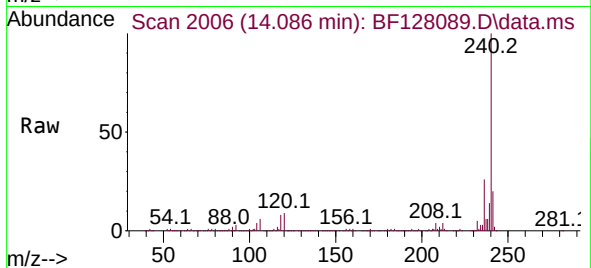




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128089.D
Acq: 05 May 2022 12:02

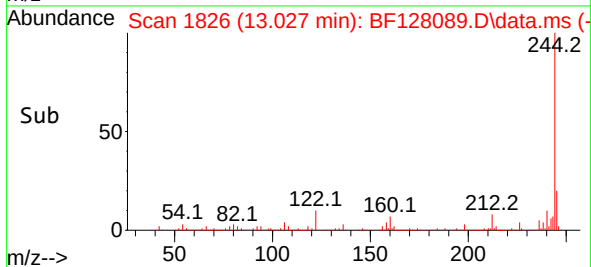
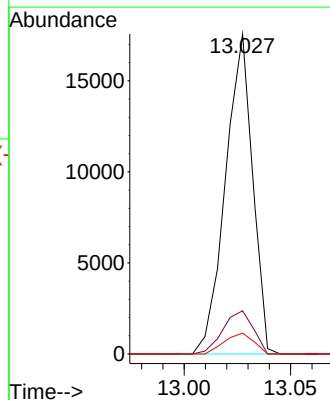
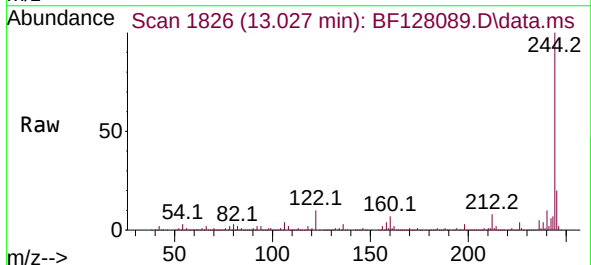
Instrument :
BNA_F
ClientSampleId :
SB-12,7

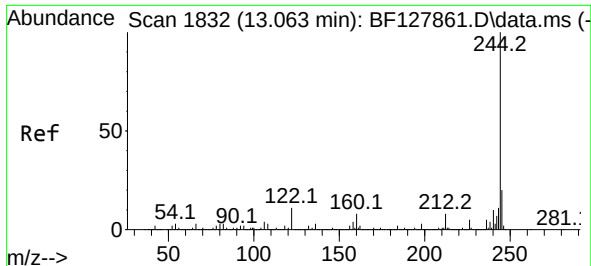
Tgt Ion:240 Resp: 308439
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 26.3 20.3 30.5



#77
Benzidine
Concen: 2.668 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF128089.D
Acq: 05 May 2022 12:02

Tgt Ion:184 Resp: 15571
Ion Ratio Lower Upper
184 100
185 13.5 12.1 18.1
183 6.5 9.0 13.4#

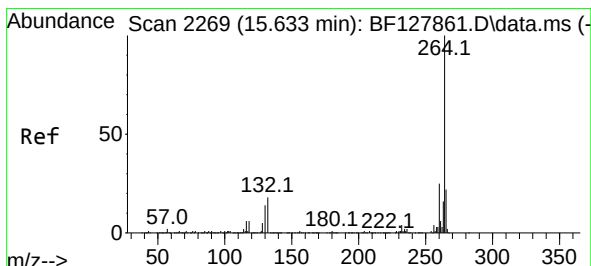
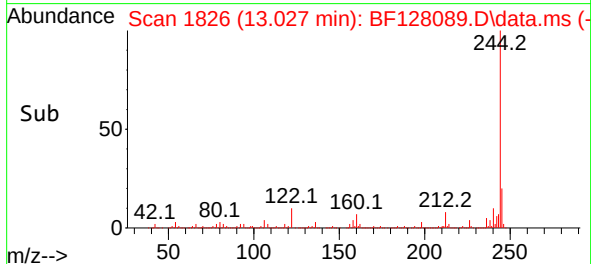
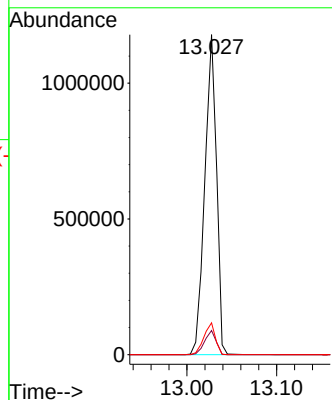
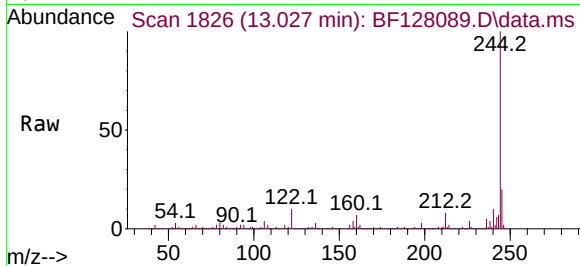




#79
 Terphenyl-d14
 Concen: 63.255 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128089.D
 Acq: 05 May 2022 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-12,7

Tgt Ion:244 Resp: 1066970
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 10.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF128089.D
 Acq: 05 May 2022 12:02

Tgt Ion:264 Resp: 248353
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.1 30.1
 265 21.2 17.5 26.3

