

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128118.D
 Acq On : 06 May 2022 11:09
 Operator : CG\JU
 Sample : N2672-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 08

Quant Time: May 06 16:07:46 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)

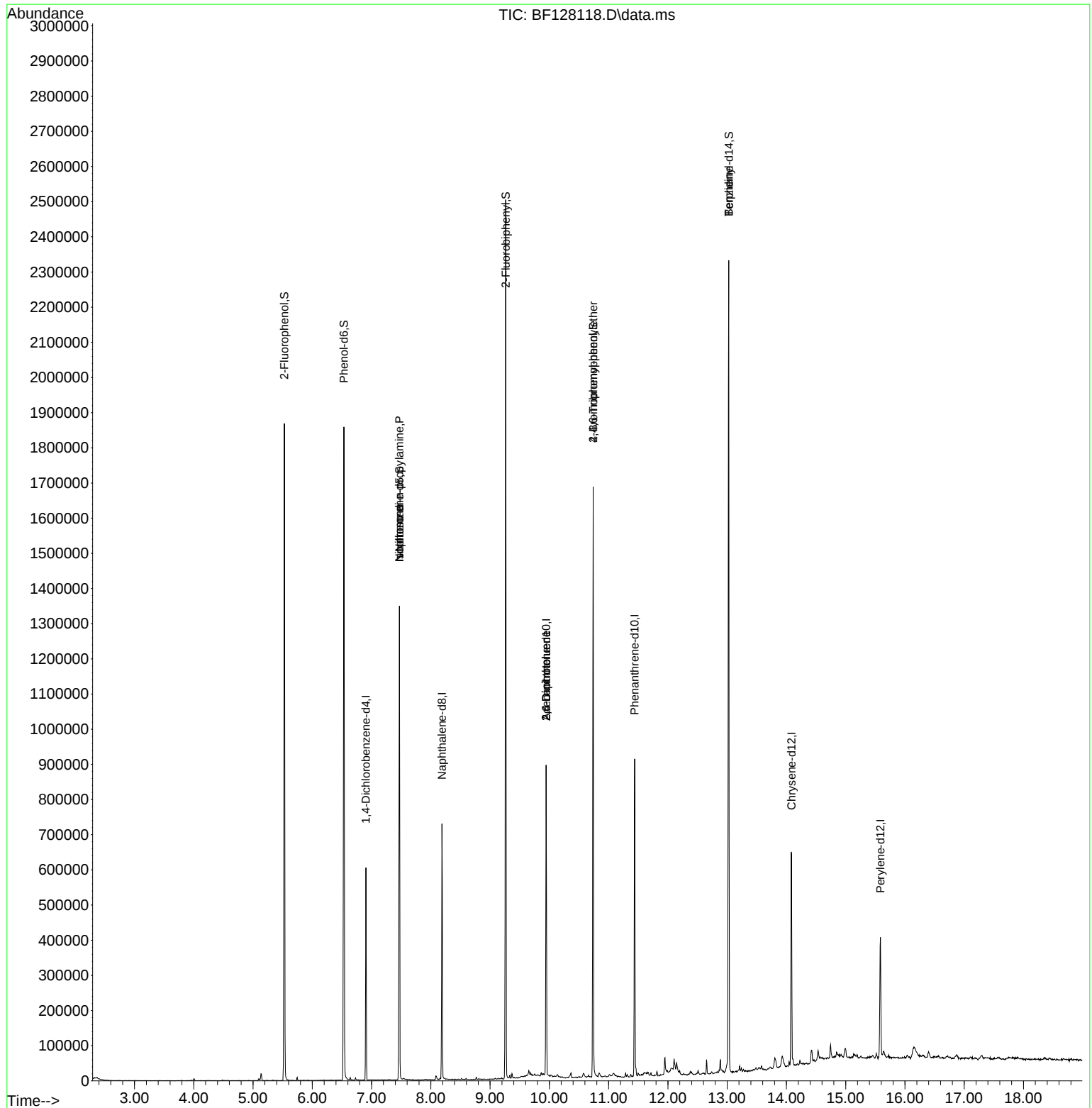
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	74831	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	289865	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	170007	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	315667	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	222687	20.000	ng	0.00
86) Perylene-d12	15.586	264	155994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	451747	96.155	ng	0.00
7) Phenol-d6	6.534	99	598473	98.172	ng	-0.01
23) Nitrobenzene-d5	7.469	82	418837	67.947	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	179722	105.014	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	689749	68.637	ng	0.00
79) Terphenyl-d14	13.027	244	803335	65.965	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	57139	15.312	ng	# 79
25) Isophorone	7.469	82	418832	40.370	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	22201	8.993	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	22201	6.790	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	11010	3.146	ng	# 1
77) Benzidine	13.027	184	11405	2.707	ng	96

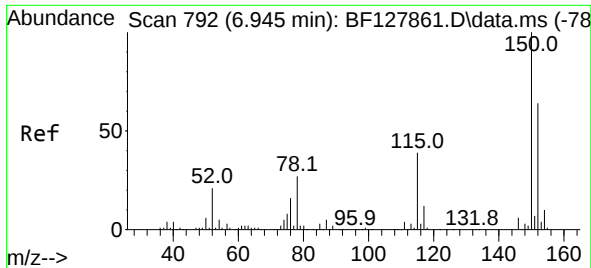
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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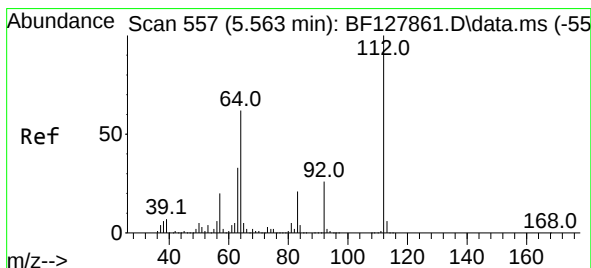
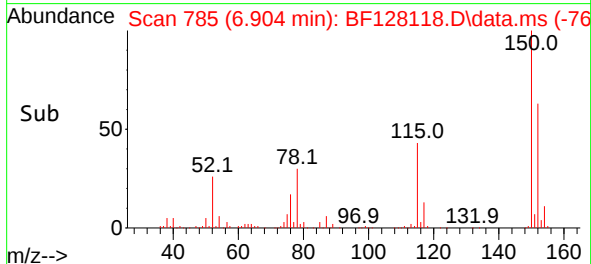
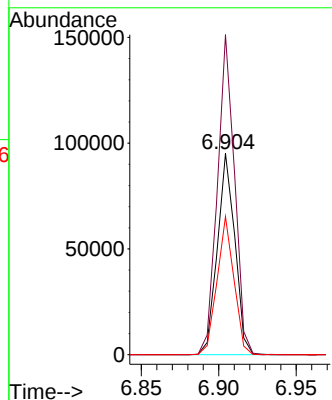
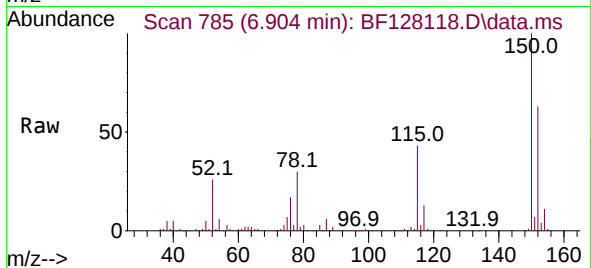




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128118.D
Acq: 06 May 2022 11:09

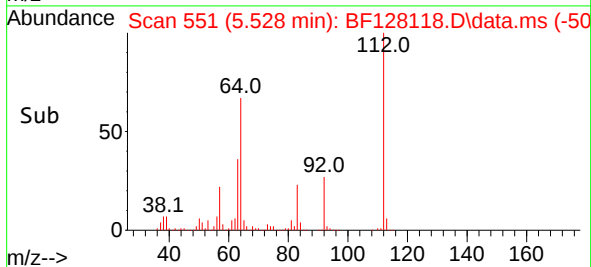
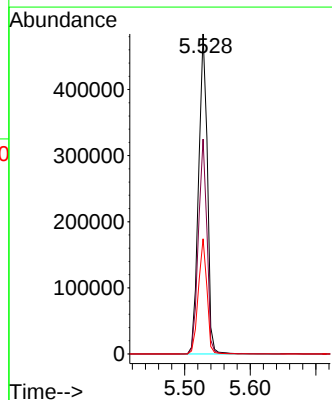
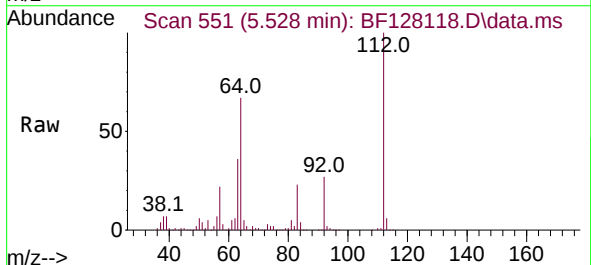
Instrument :
BNA_F
ClientSampleId :
08

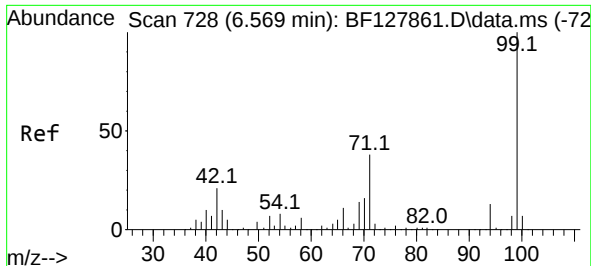
Tgt Ion:152 Resp: 74831
Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 68.6 48.8 73.2



#5
2-Fluorophenol
Concen: 96.155 ng
RT: 5.528 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF128118.D
Acq: 06 May 2022 11:09

Tgt Ion:112 Resp: 451747
Ion Ratio Lower Upper
112 100
64 67.2 49.5 74.3
63 36.0 26.3 39.5

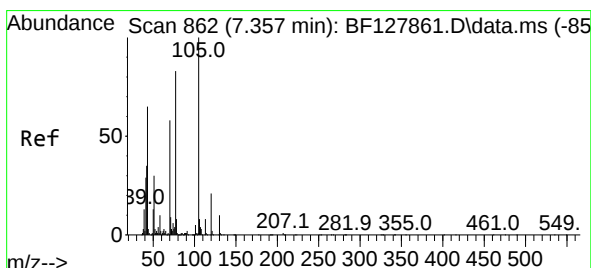
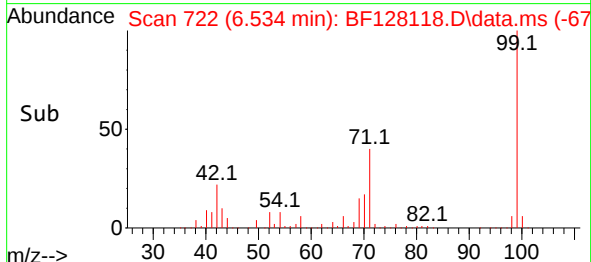
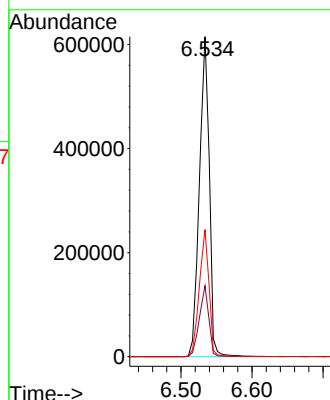
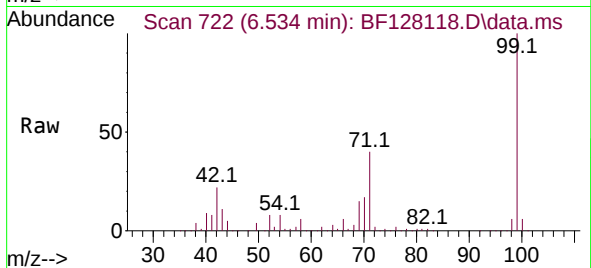




#7
Phenol-d6
Concen: 98.172 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128118.D
Acq: 06 May 2022 11:09

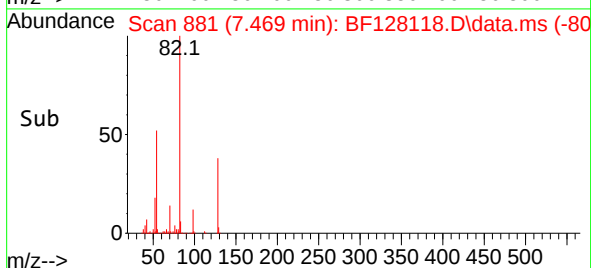
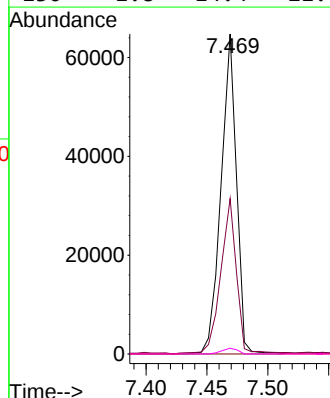
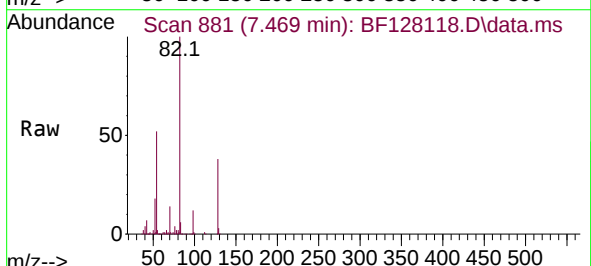
Instrument :
BNA_F
ClientSampleId :
08

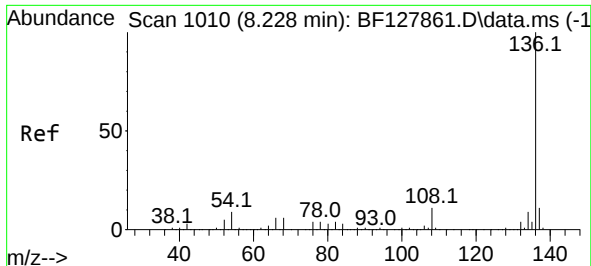
Tgt Ion: 99 Resp: 598473
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 39.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.312 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128118.D
Acq: 06 May 2022 11:09

Tgt Ion: 70 Resp: 57139
Ion Ratio Lower Upper
70 100
42 48.6 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

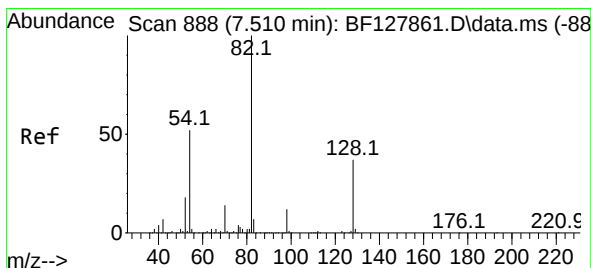
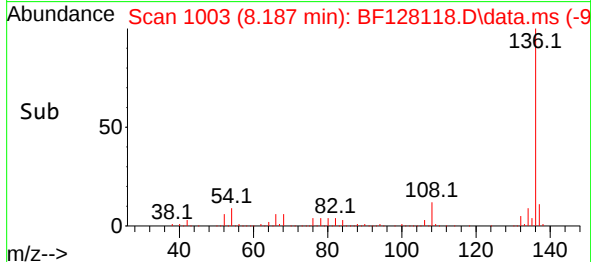
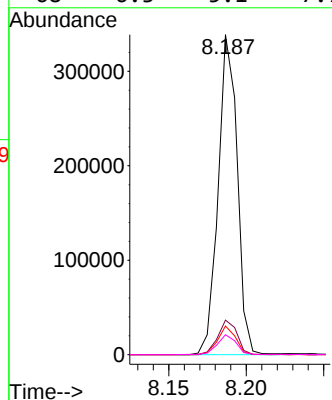
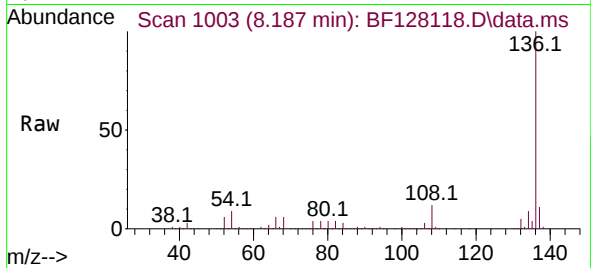




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128118.D
Acq: 06 May 2022 11:09

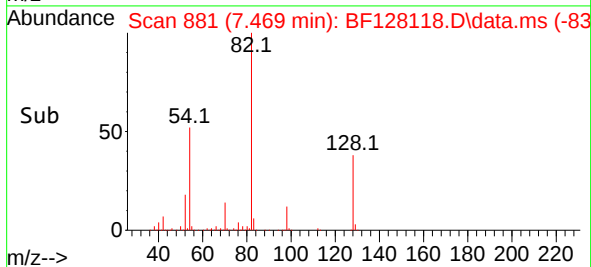
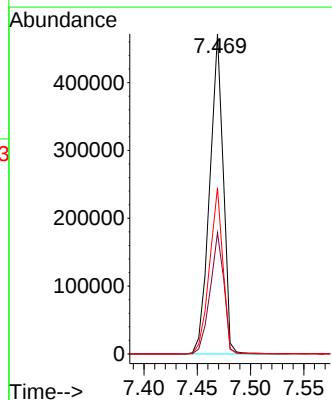
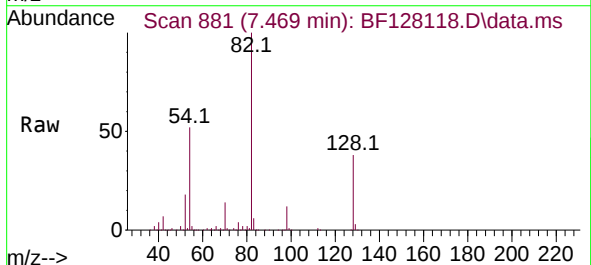
Instrument :
BNA_F
ClientSampleId :
08

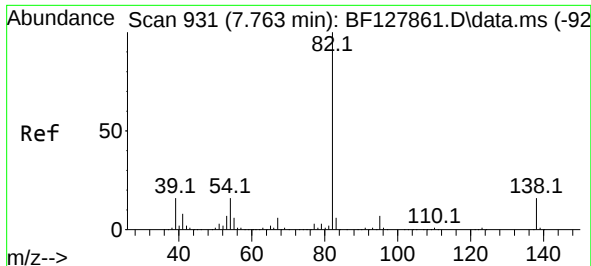
Tgt Ion:	136	Resp:	289865
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	8.9	6.8	10.2
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 67.947 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128118.D
Acq: 06 May 2022 11:09

Tgt Ion:	82	Resp:	418837
Ion Ratio	Lower	Upper	
82	100		
128	37.8	30.0	45.0
54	51.9	41.3	61.9

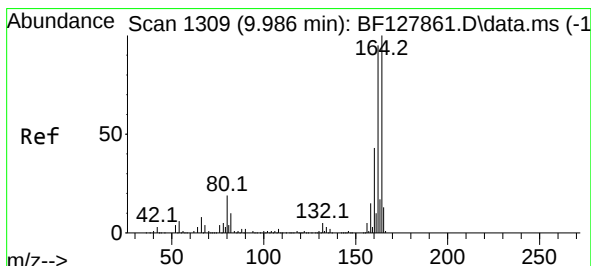
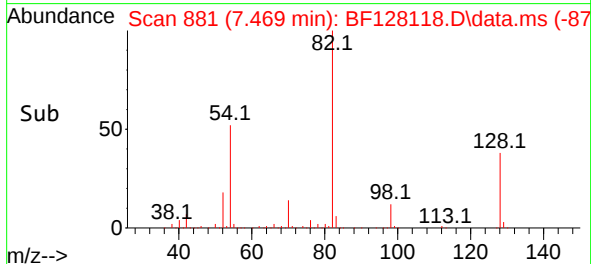
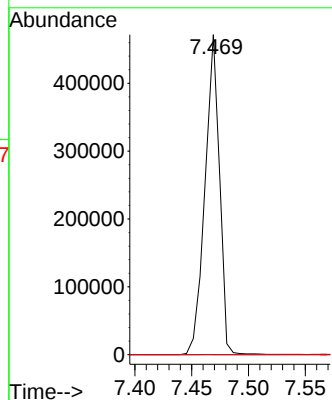
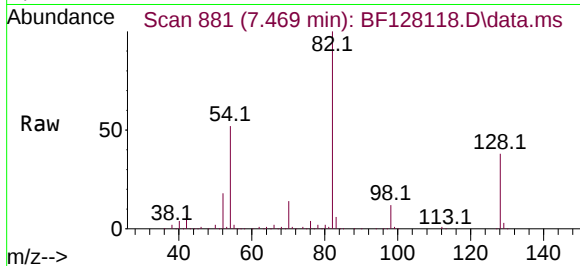




#25
Isophorone
Concen: 40.370 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128118.D
Acq: 06 May 2022 11:09

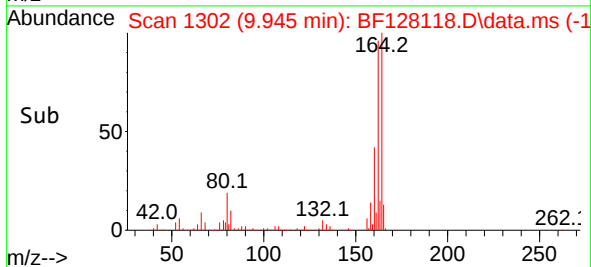
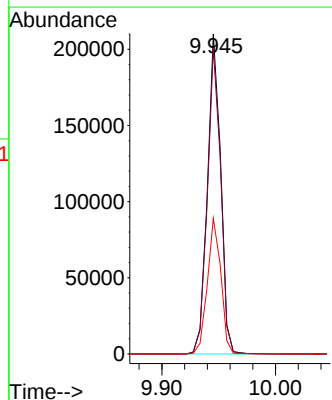
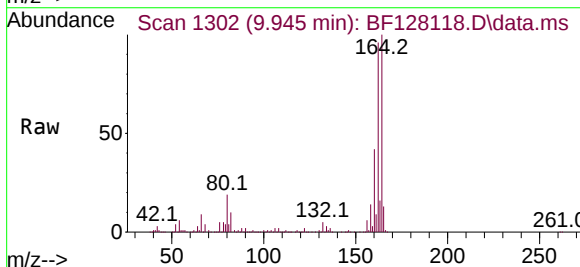
Instrument :
BNA_F
ClientSampleId :
08

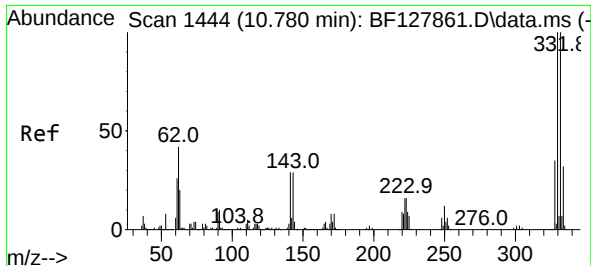
Tgt Ion: 82 Resp: 418832
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128118.D
Acq: 06 May 2022 11:09

Tgt Ion:164 Resp: 170007
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 42.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 105.014 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128118.D

Acq: 06 May 2022 11:09

Instrument :

BNA_F

ClientSampleId :

08

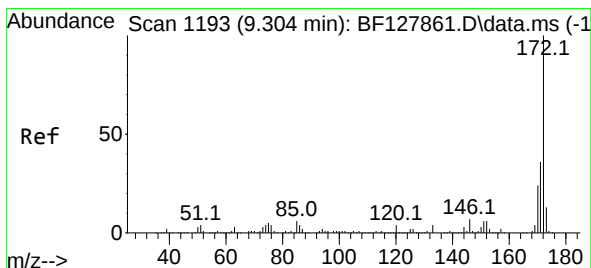
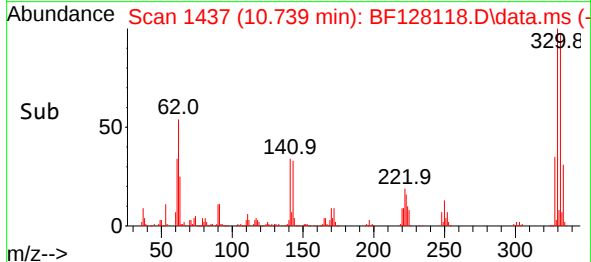
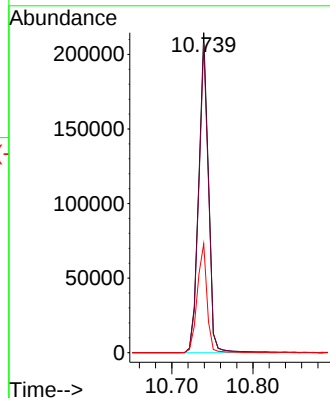
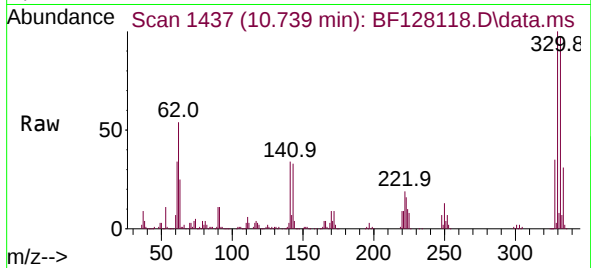
Tgt Ion:330 Resp: 179722

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

141 34.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 68.637 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128118.D

Acq: 06 May 2022 11:09

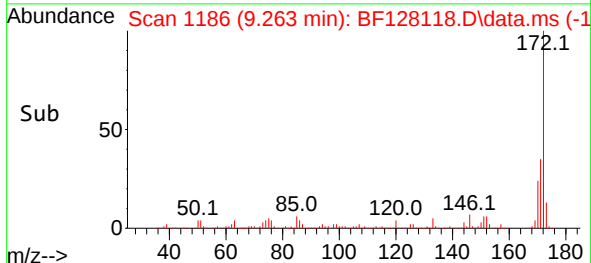
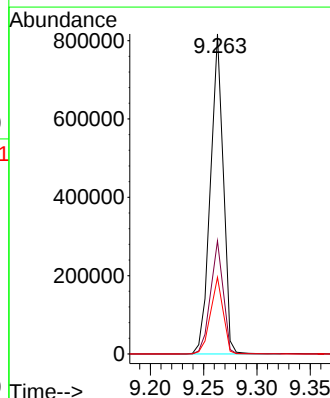
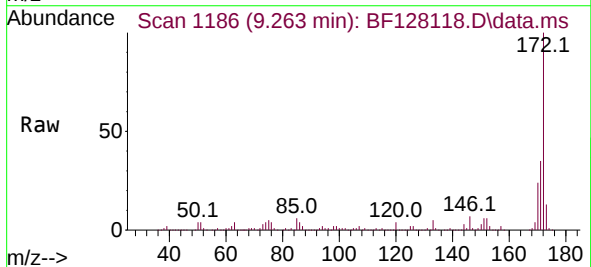
Tgt Ion:172 Resp: 689749

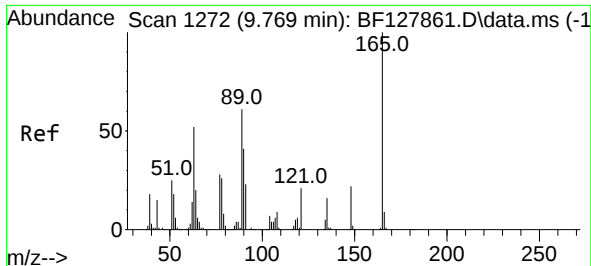
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.993 ng

RT: 9.945 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128118.D

Acq: 06 May 2022 11:09

Instrument :

BNA_F

ClientSampleId :

08

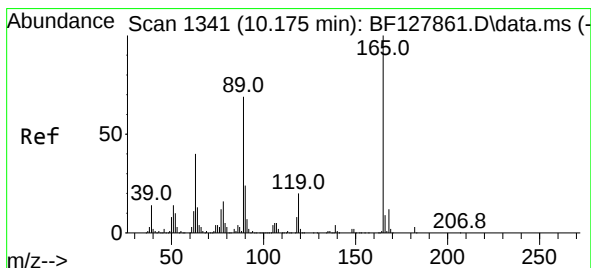
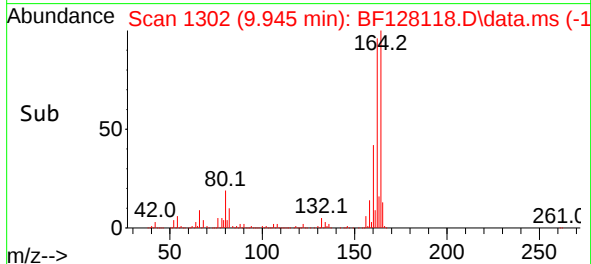
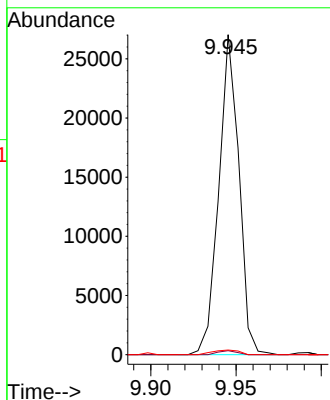
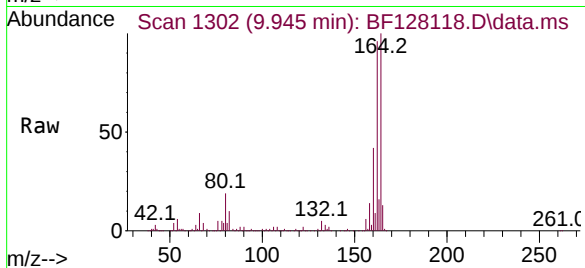
Tgt Ion:165 Resp: 22201

Ion Ratio Lower Upper

165 100

63 1.3 49.5 74.3#

89 1.5 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.790 ng

RT: 9.945 min Scan# 1302

Delta R.T. -0.200 min

Lab File: BF128118.D

Acq: 06 May 2022 11:09

Tgt Ion:165 Resp: 22201

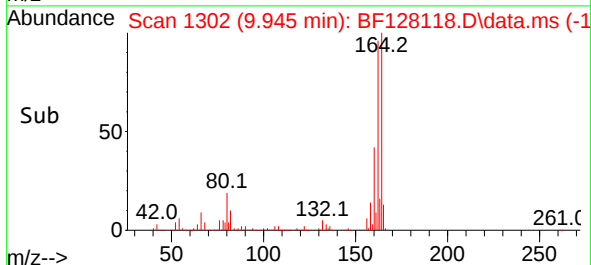
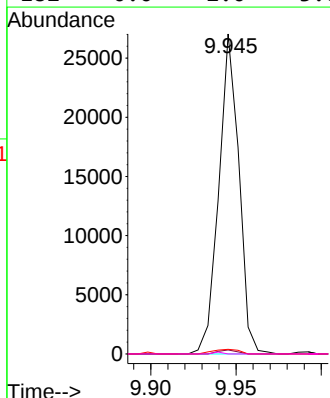
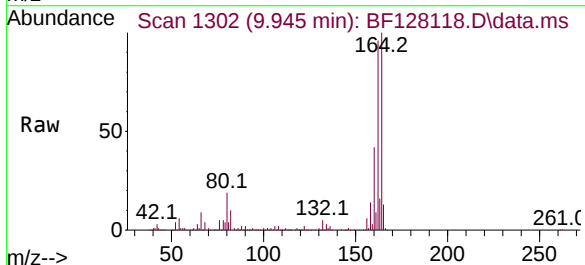
Ion Ratio Lower Upper

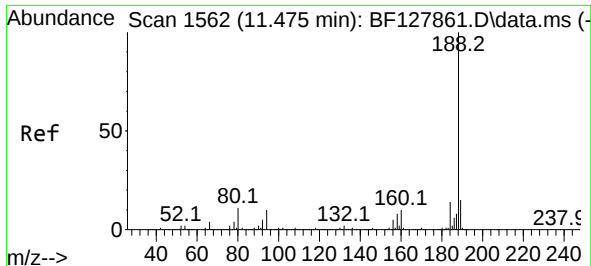
165 100

63 1.3 32.6 49.0#

89 1.5 55.2 82.8#

182 0.0 2.0 3.0#

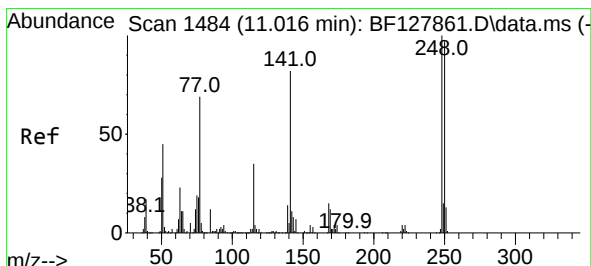
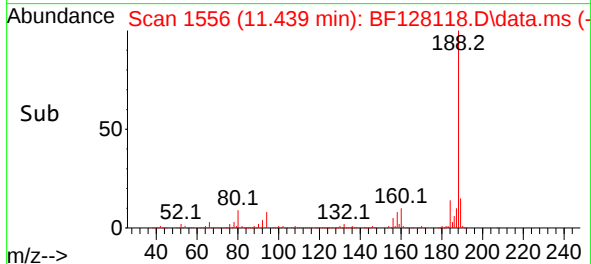
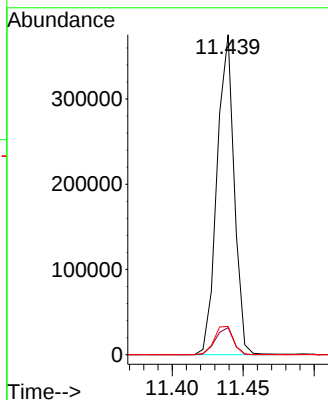
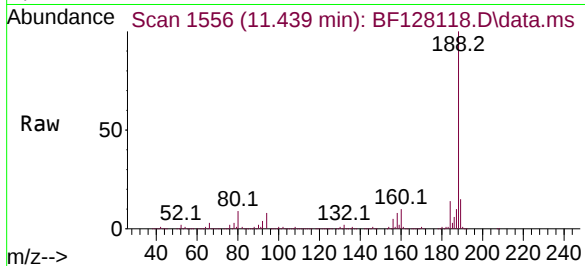




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128118.D
Acq: 06 May 2022 11:09

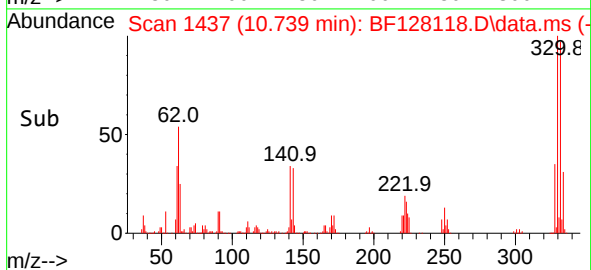
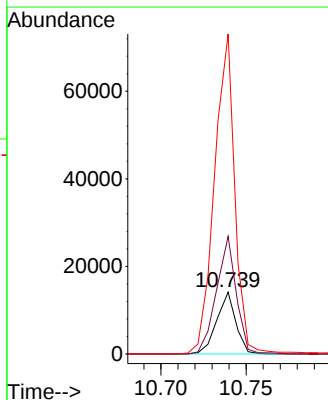
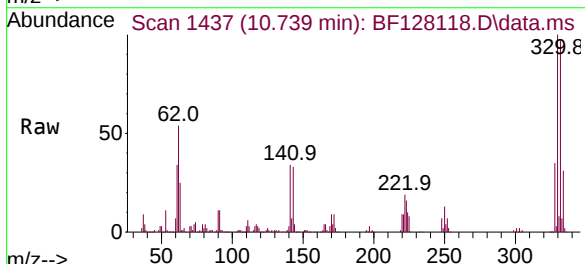
Instrument :
BNA_F
ClientSampleId :
08

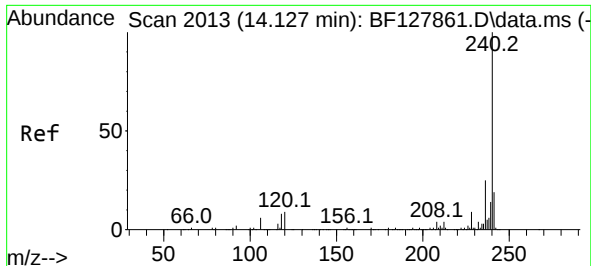
Tgt Ion:188 Resp: 315667
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 8.9 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 3.146 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128118.D
Acq: 06 May 2022 11:09

Tgt Ion:248 Resp: 11010
Ion Ratio Lower Upper
248 100
250 190.3 77.7 116.5#
141 517.9 65.6 98.4#

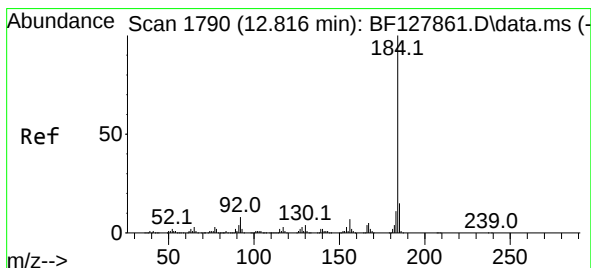
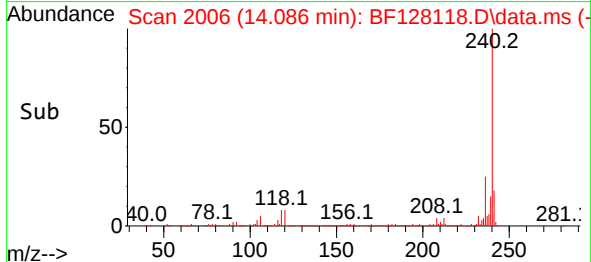
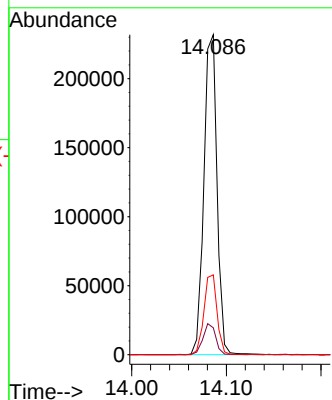
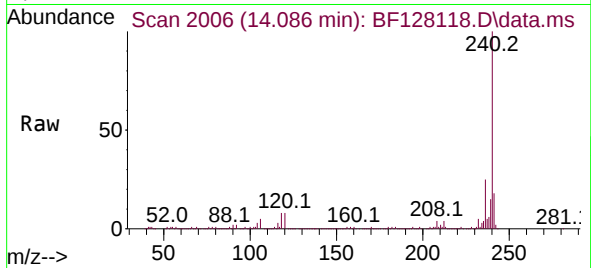




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128118.D
Acq: 06 May 2022 11:09

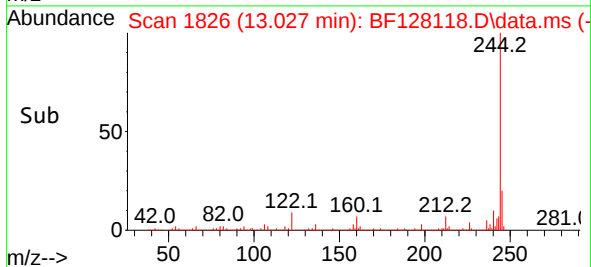
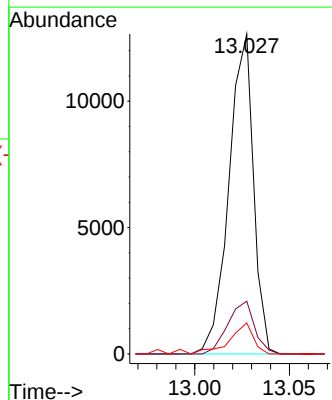
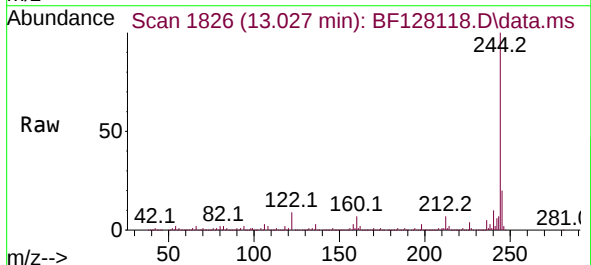
Instrument :
BNA_F
ClientSampleId :
08

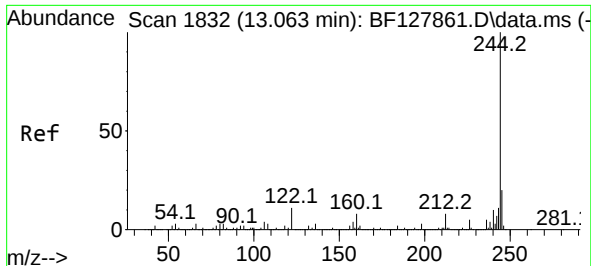
Tgt Ion:240 Resp: 222687
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 24.9 20.3 30.5



#77
Benzidine
Concen: 2.707 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF128118.D
Acq: 06 May 2022 11:09

Tgt Ion:184 Resp: 11405
Ion Ratio Lower Upper
184 100
185 16.5 12.1 18.1
183 9.7 9.0 13.4

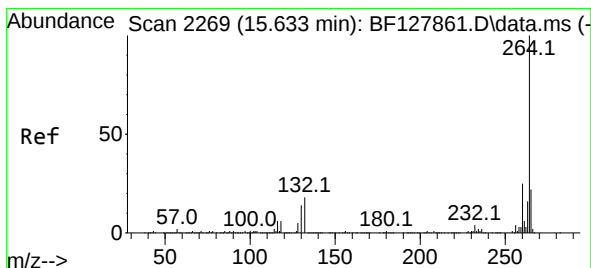
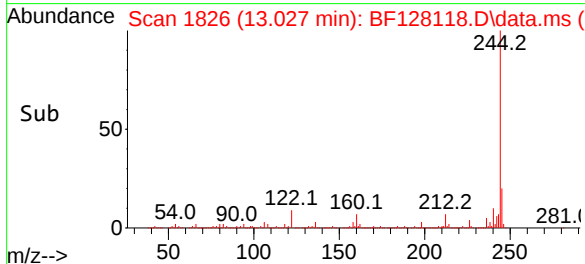
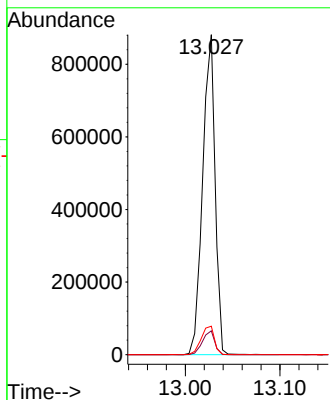
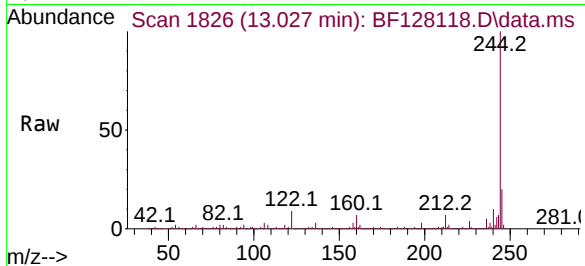




#79
 Terphenyl-d14
 Concen: 65.965 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128118.D
 Acq: 06 May 2022 11:09

Instrument :
 BNA_F
 ClientSampleId :
 08

Tgt Ion:244 Resp: 803335
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.9 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: BF128118.D
 Acq: 06 May 2022 11:09

Tgt Ion:264 Resp: 155994
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 20.8 17.5 26.3

