

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128092.D
 Acq On : 05 May 2022 14:04
 Operator : CG\JU
 Sample : PB144601BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144601BL

Quant Time: May 05 17:59:50 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)

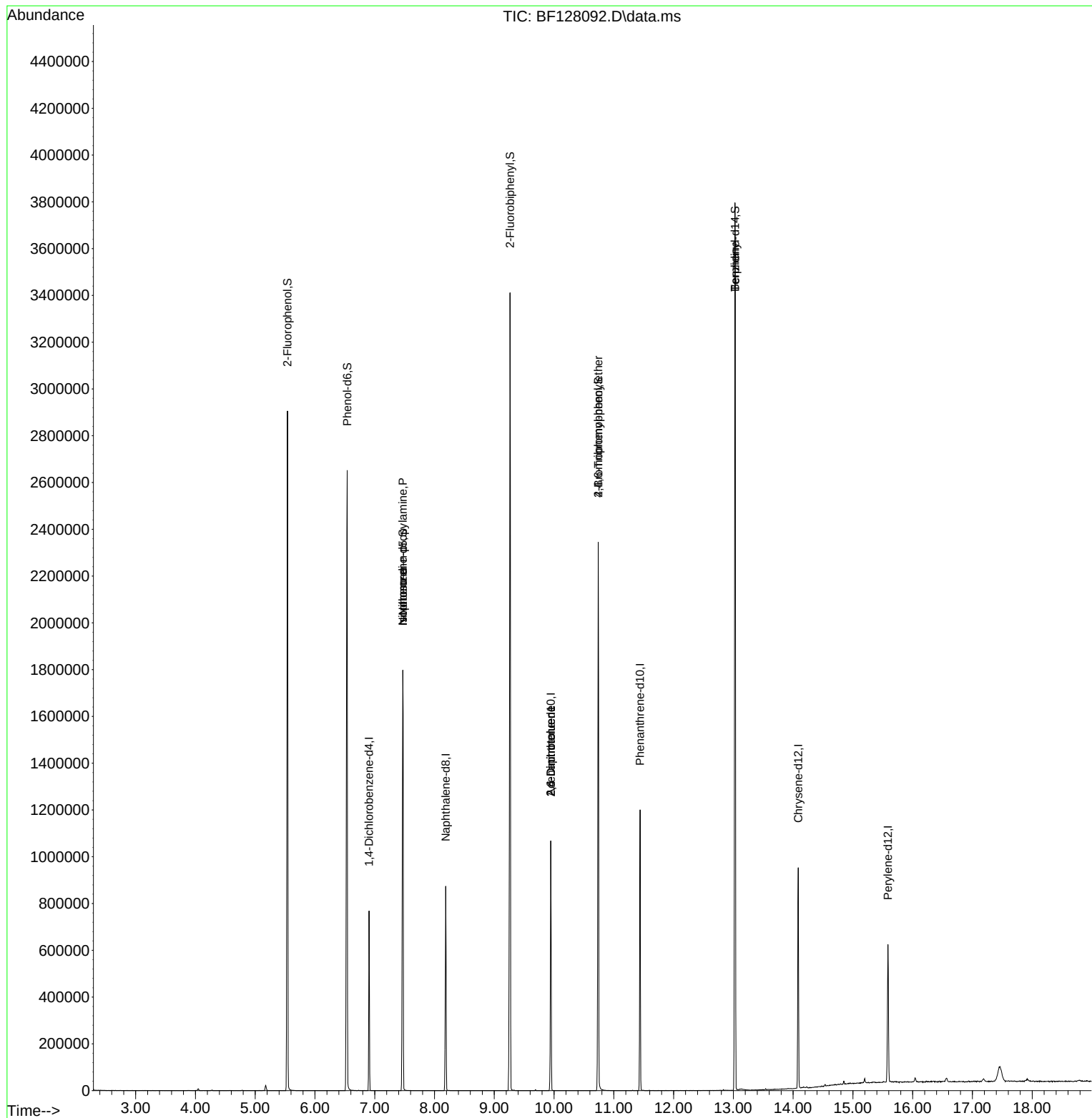
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	98493	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	384234	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	222695	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	412847	20.000	ng	0.00
76) Chrysene-d12	14.086	240	317290	20.000	ng	0.00
86) Perylene-d12	15.586	264	259413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	762762	123.350	ng	0.00
7) Phenol-d6	6.540	99	996513	124.195	ng	0.00
23) Nitrobenzene-d5	7.469	82	730076	89.350	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	293266	130.817	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1198242	91.027	ng	0.00
79) Terphenyl-d14	13.027	244	1460170	84.150	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	99127	20.182	ng	# 80
25) Isophorone	7.469	82	728633	52.982	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	28009	8.662	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	28009	6.539	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	18236	3.985	ng	# 1
77) Benzidine	13.027	184	20526	3.419	ng	# 93

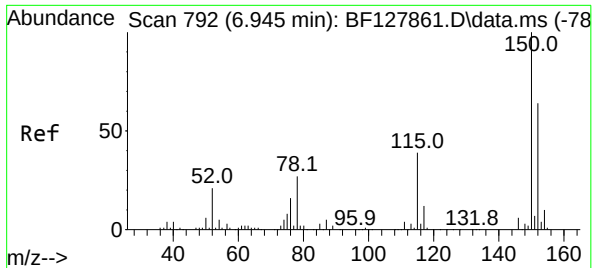
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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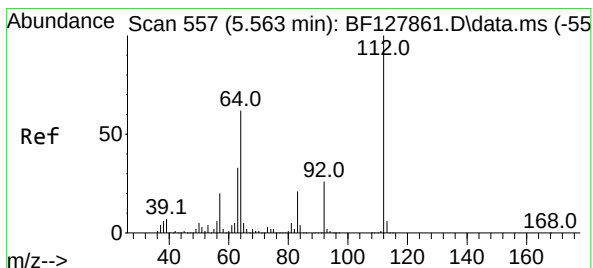
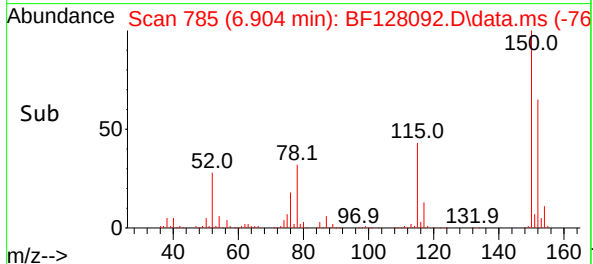
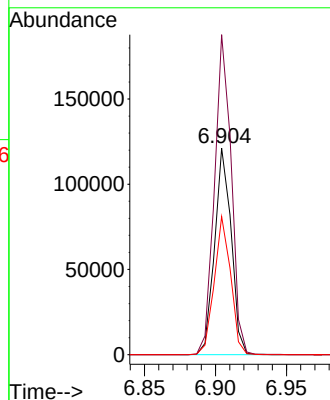
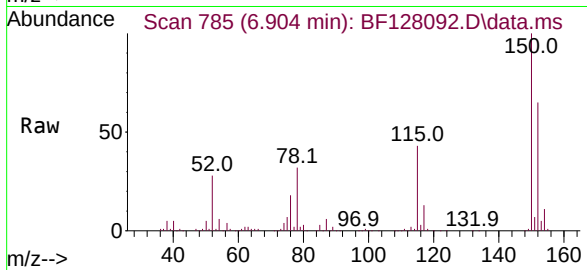




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128092.D
 Acq: 05 May 2022 14:04

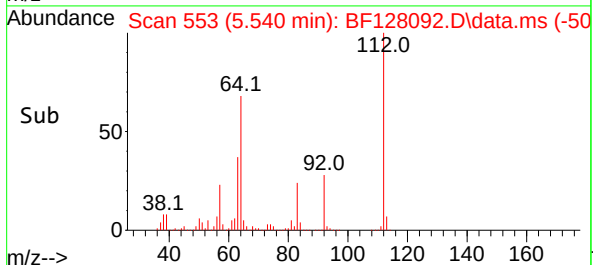
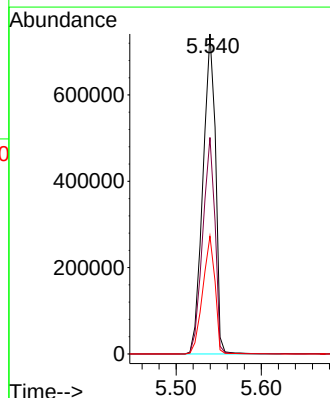
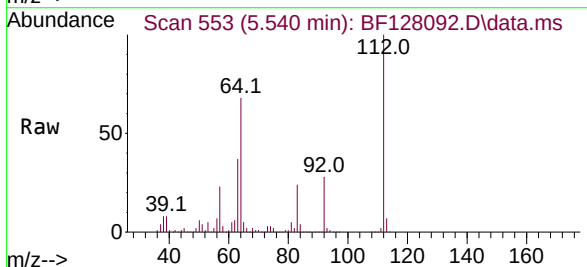
Instrument :
 BNA_F
 ClientSampleId :
 PB144601BL

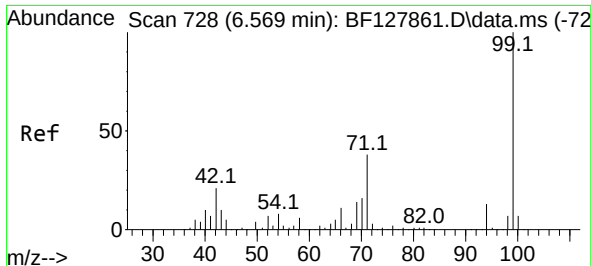
Tgt Ion:152 Resp: 98493
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.3 187.9
 115 66.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 123.350 ng
 RT: 5.540 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF128092.D
 Acq: 05 May 2022 14:04

Tgt Ion:112 Resp: 762762
 Ion Ratio Lower Upper
 112 100
 64 67.6 49.5 74.3
 63 36.8 26.3 39.5

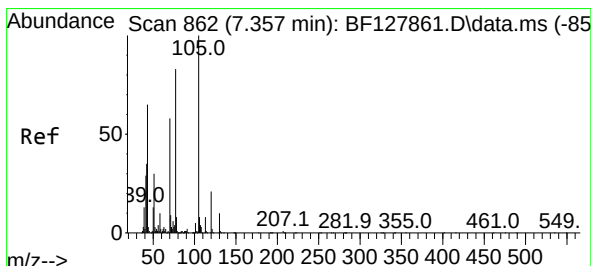
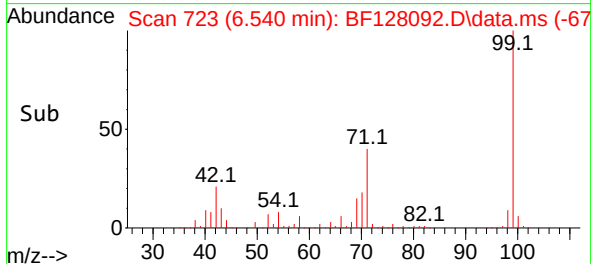
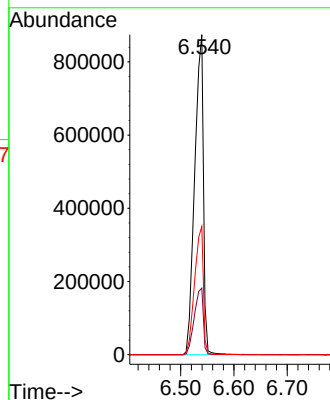
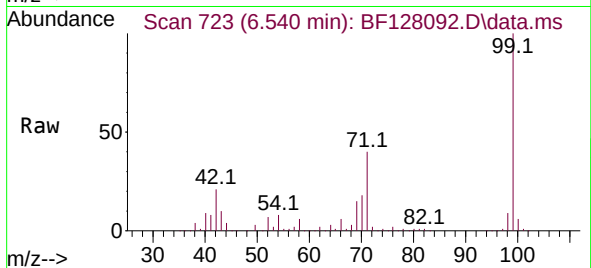




#7
Phenol-d6
Concen: 124.195 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

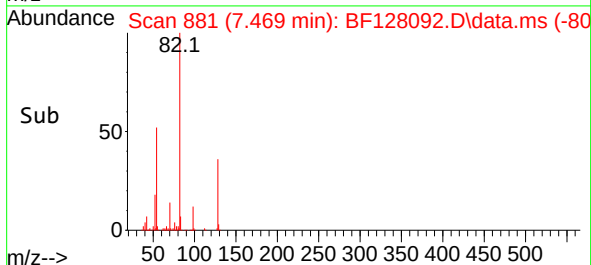
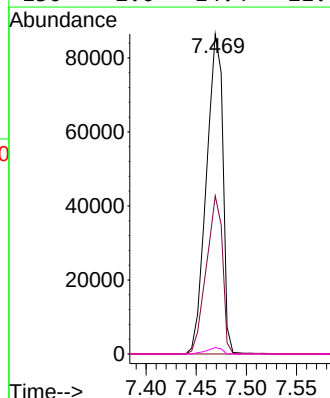
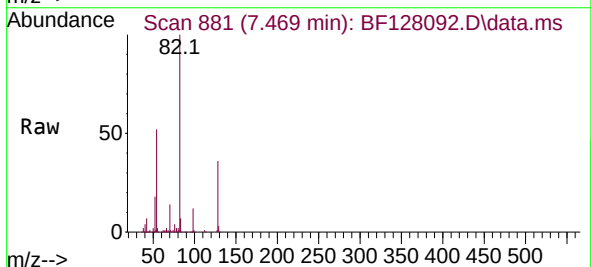
Instrument :
BNA_F
ClientSampleId :
PB144601BL

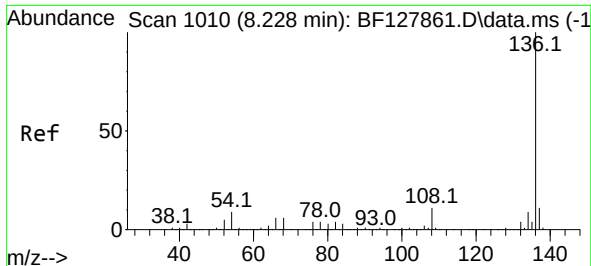
Tgt Ion: 99 Resp: 996513
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 40.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.182 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

Tgt Ion: 70 Resp: 99127
Ion Ratio Lower Upper
70 100
42 49.4 48.7 73.1
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

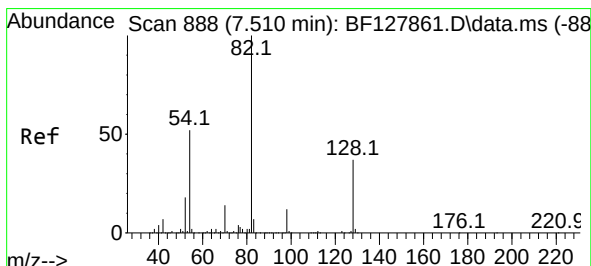
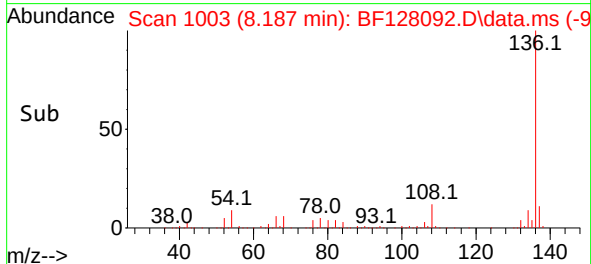
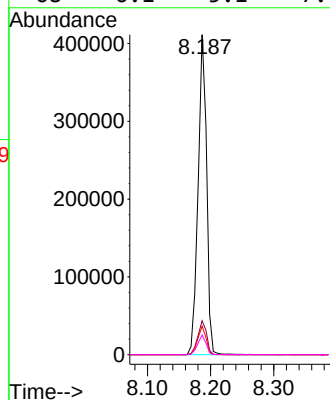
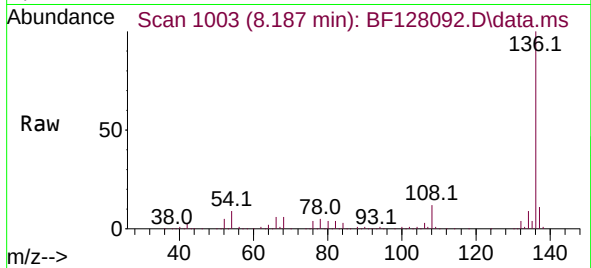




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

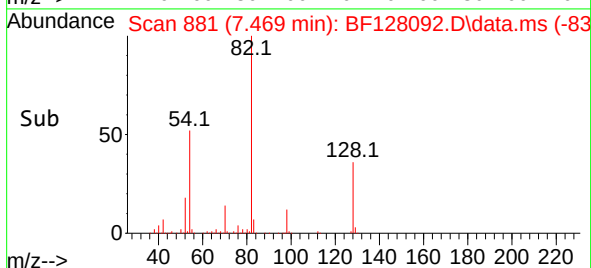
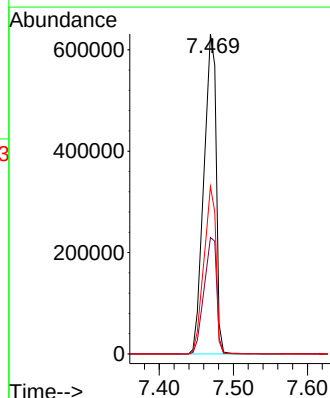
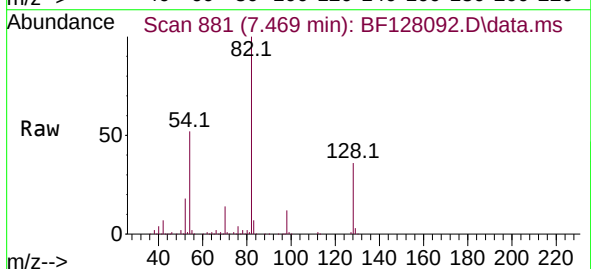
Instrument :
BNA_F
ClientSampleId :
PB144601BL

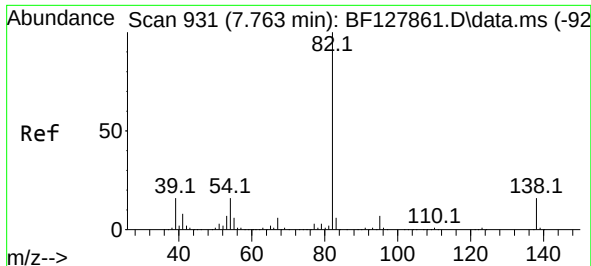
Tgt	Ion:136	Resp:	384234
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.9	6.8	10.2
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 89.350 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

Tgt Ion: 82	Resp: 730076
Ion Ratio	Lower Upper
82 100	
128 36.4	30.0 45.0
54 52.3	41.3 61.9

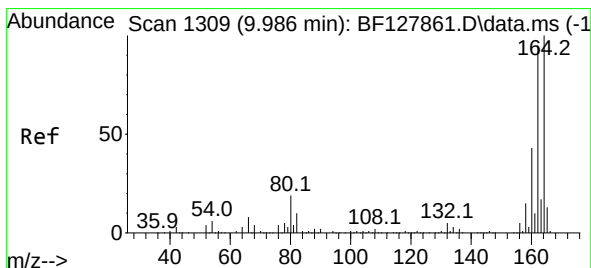
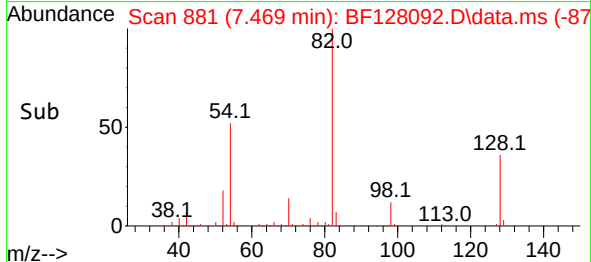
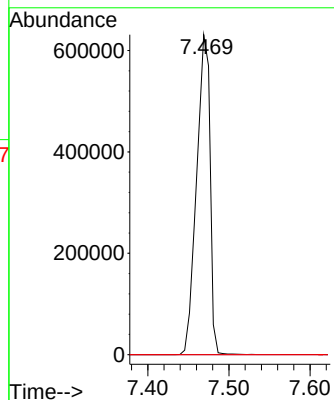
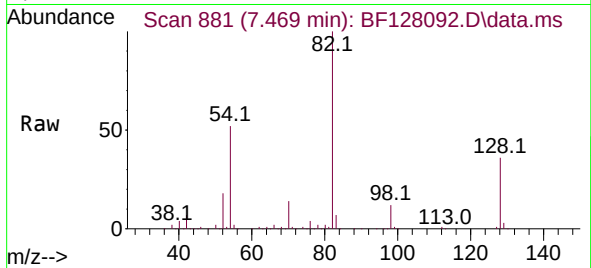




#25
Isophorone
Concen: 52.982 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

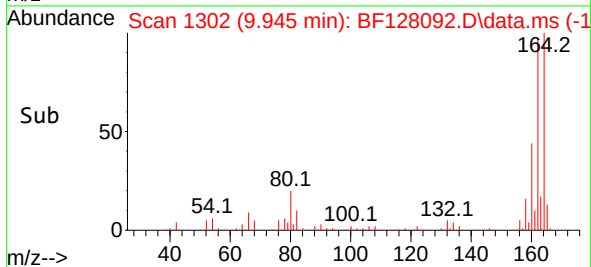
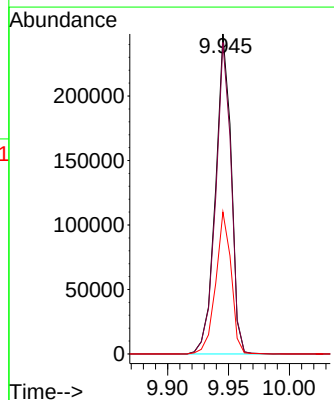
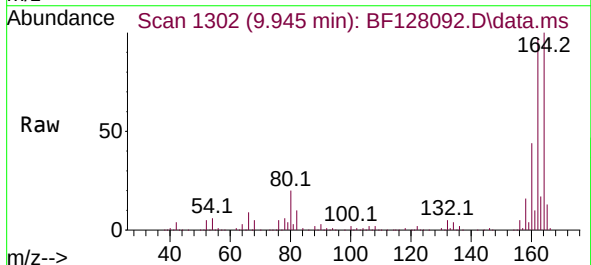
Instrument :
BNA_F
ClientSampleId :
PB144601BL

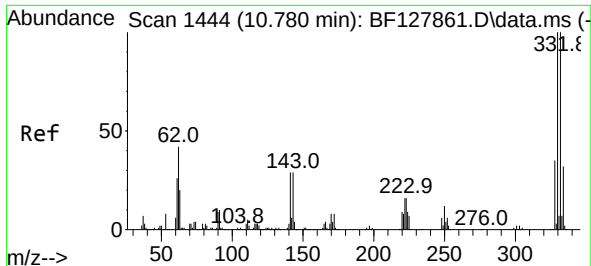
Tgt Ion: 82 Resp: 728633
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

Tgt Ion: 164 Resp: 222695
Ion Ratio Lower Upper
164 100
162 97.4 76.0 114.0
160 44.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 130.817 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128092.D

Acq: 05 May 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB144601BL

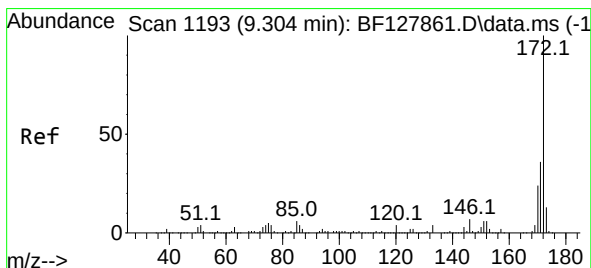
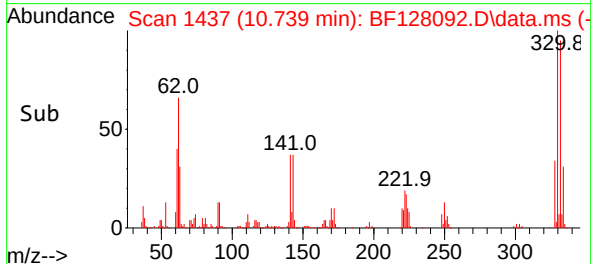
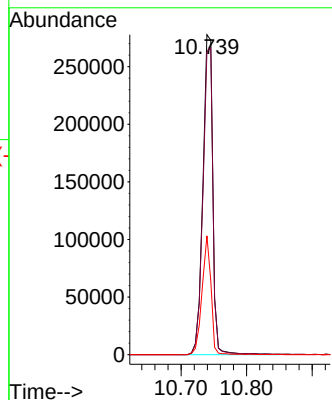
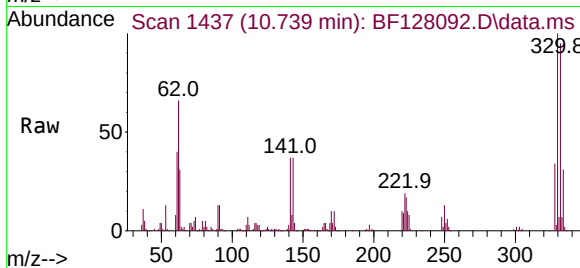
Tgt Ion:330 Resp: 293266

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 33.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 91.027 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128092.D

Acq: 05 May 2022 14:04

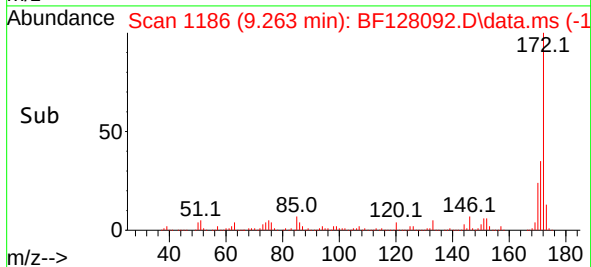
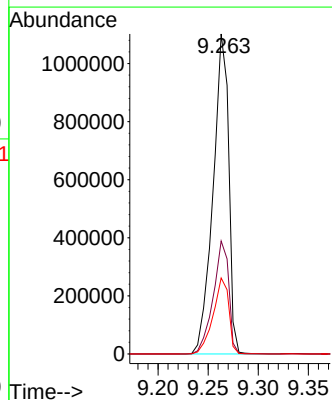
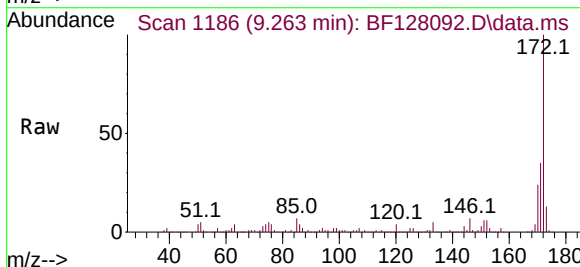
Tgt Ion:172 Resp: 1198242

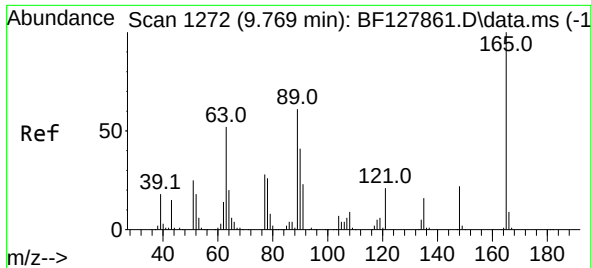
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.8 19.1 28.7

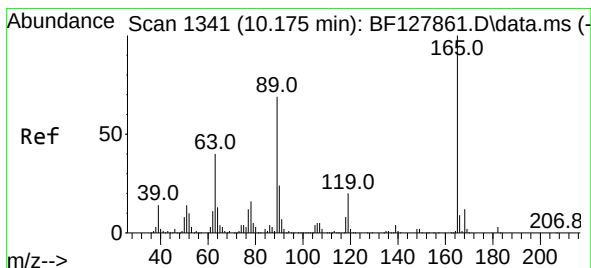
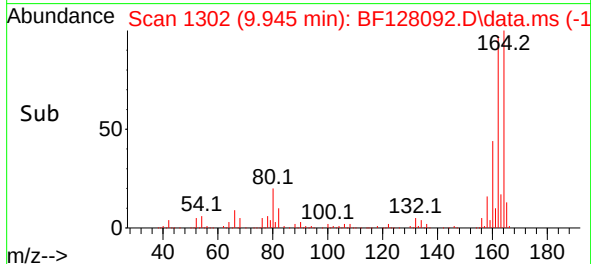
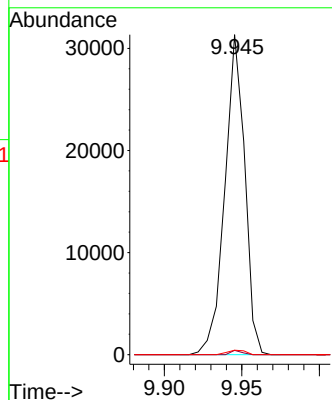
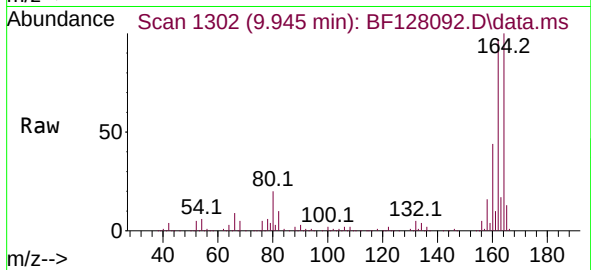




#51
2,6-Dinitrotoluene
Concen: 8.662 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

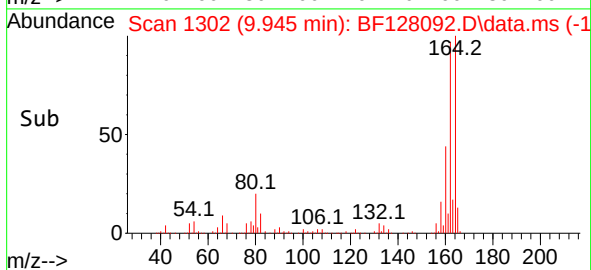
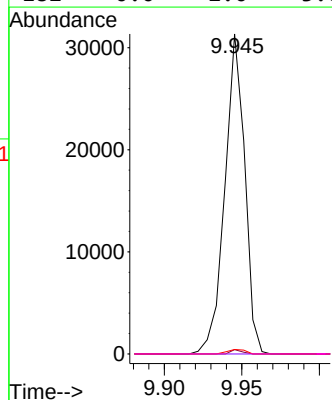
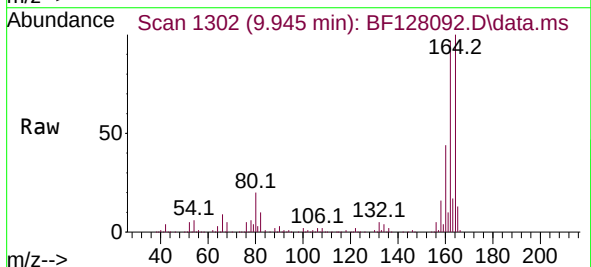
Instrument :
BNA_F
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PB144601BL

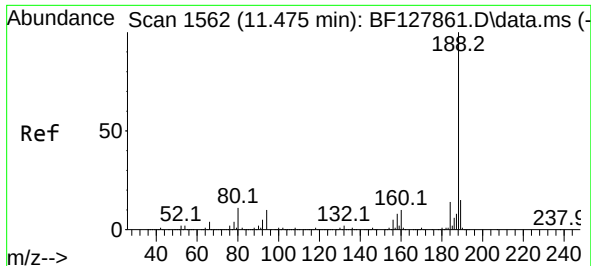
Tgt Ion:165 Resp: 28009
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.539 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

Tgt Ion:165 Resp: 28009
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

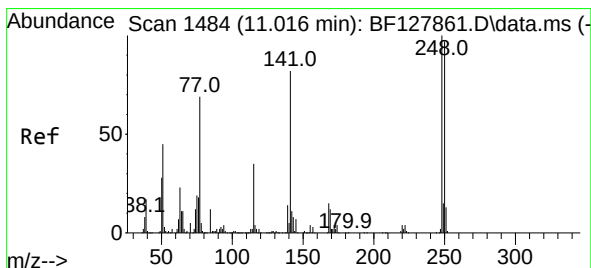
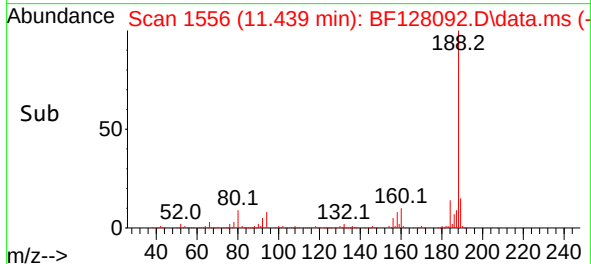
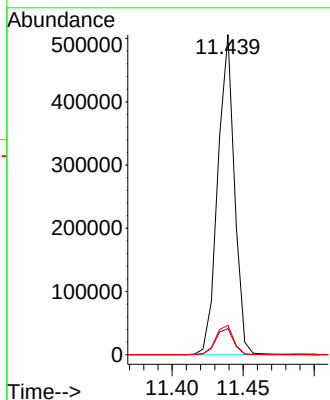
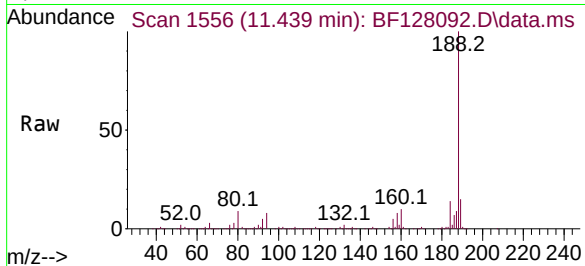




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

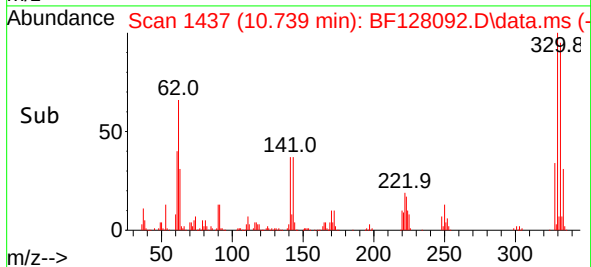
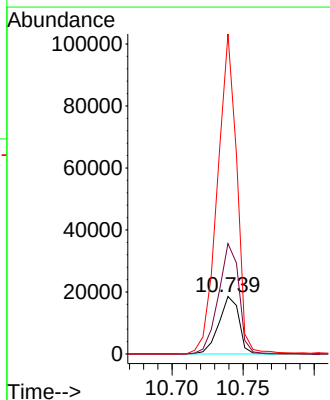
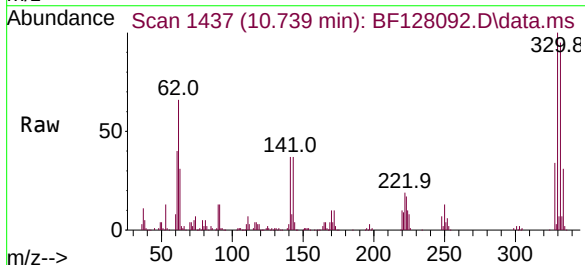
Instrument :
BNA_F
ClientSampleId :
PB144601BL

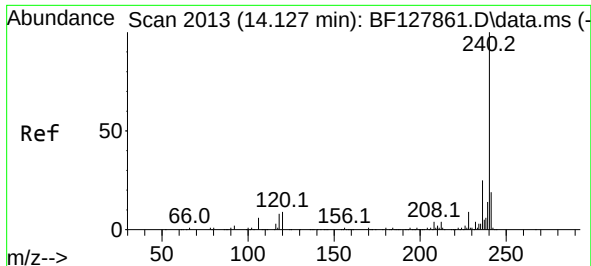
Tgt Ion:188 Resp: 412847
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.1 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.985 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

Tgt Ion:248 Resp: 18236
Ion Ratio Lower Upper
248 100
250 192.2 77.7 116.5#
141 557.5 65.6 98.4#

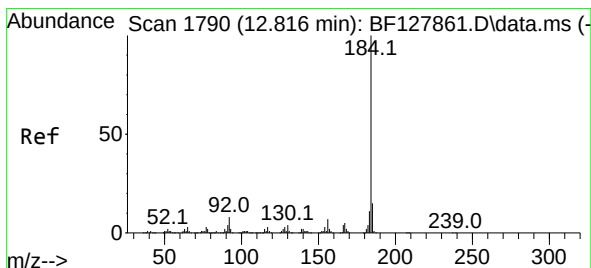
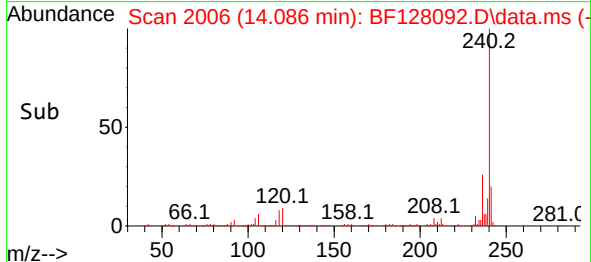
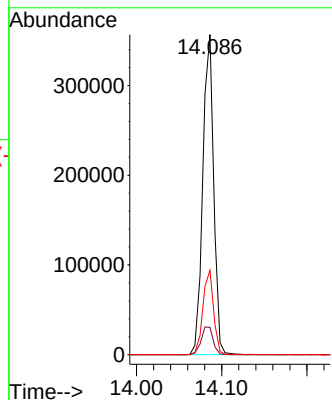
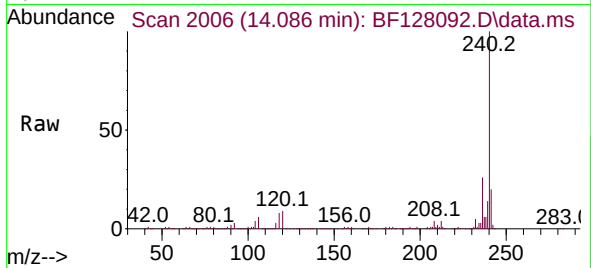




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

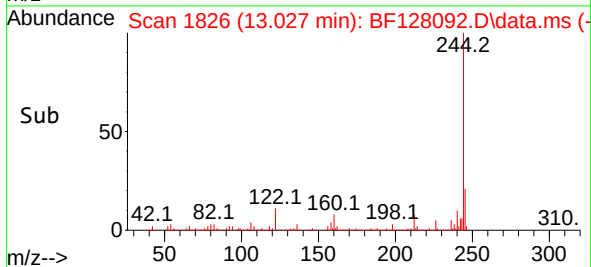
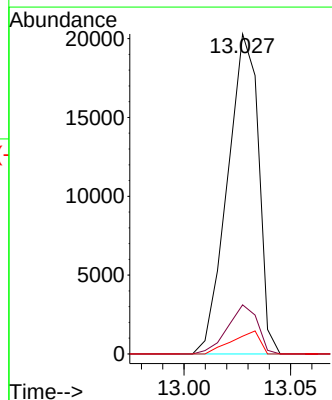
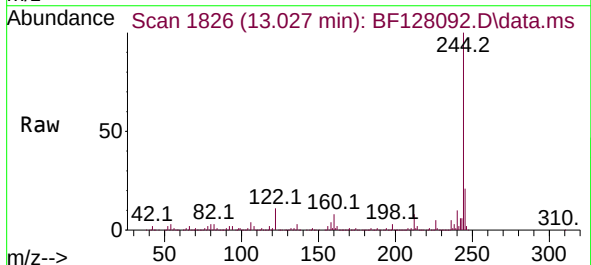
Instrument :
BNA_F
ClientSampleId :
PB144601BL

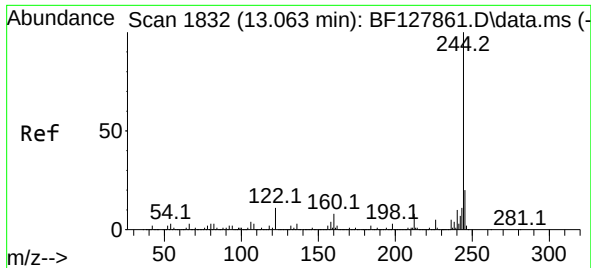
Tgt Ion:240 Resp: 317290
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 26.3 20.3 30.5



#77
Benzidine
Concen: 3.419 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

Tgt Ion:184 Resp: 20526
Ion Ratio Lower Upper
184 100
185 15.4 12.1 18.1
183 5.6 9.0 13.4#

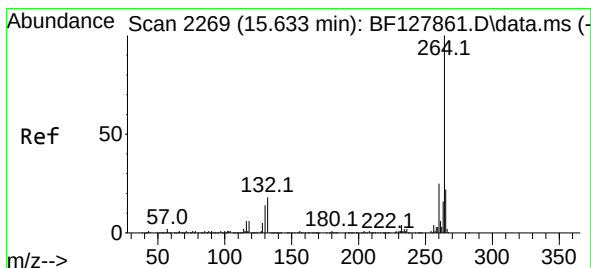
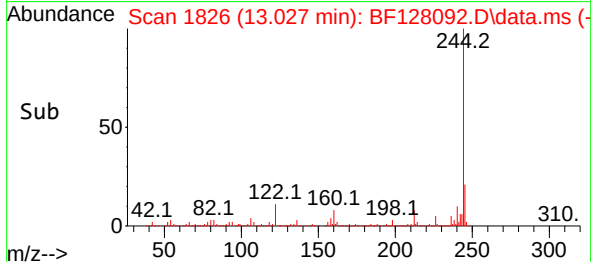
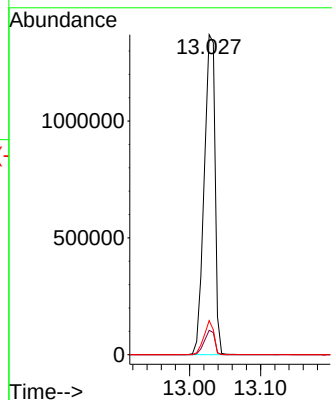
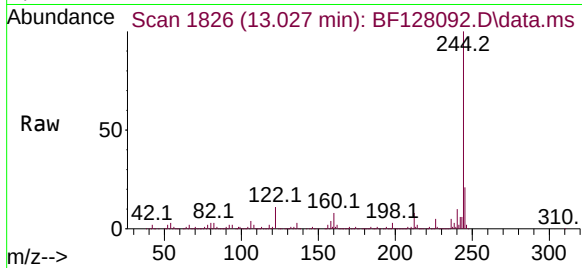




#79
Terphenyl-d14
Concen: 84.150 ng
RT: 13.027 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

Instrument :
BNA_F
ClientSampleId :
PB144601BL

Tgt Ion:244 Resp: 1460170
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 10.7 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: BF128092.D
Acq: 05 May 2022 14:04

Tgt Ion:264 Resp: 259413
Ion Ratio Lower Upper
264 100
260 23.8 20.1 30.1
265 22.1 17.5 26.3

