

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128127.D
 Acq On : 06 May 2022 16:33
 Operator : CG\JU
 Sample : N2712-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: May 06 17:49:45 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)

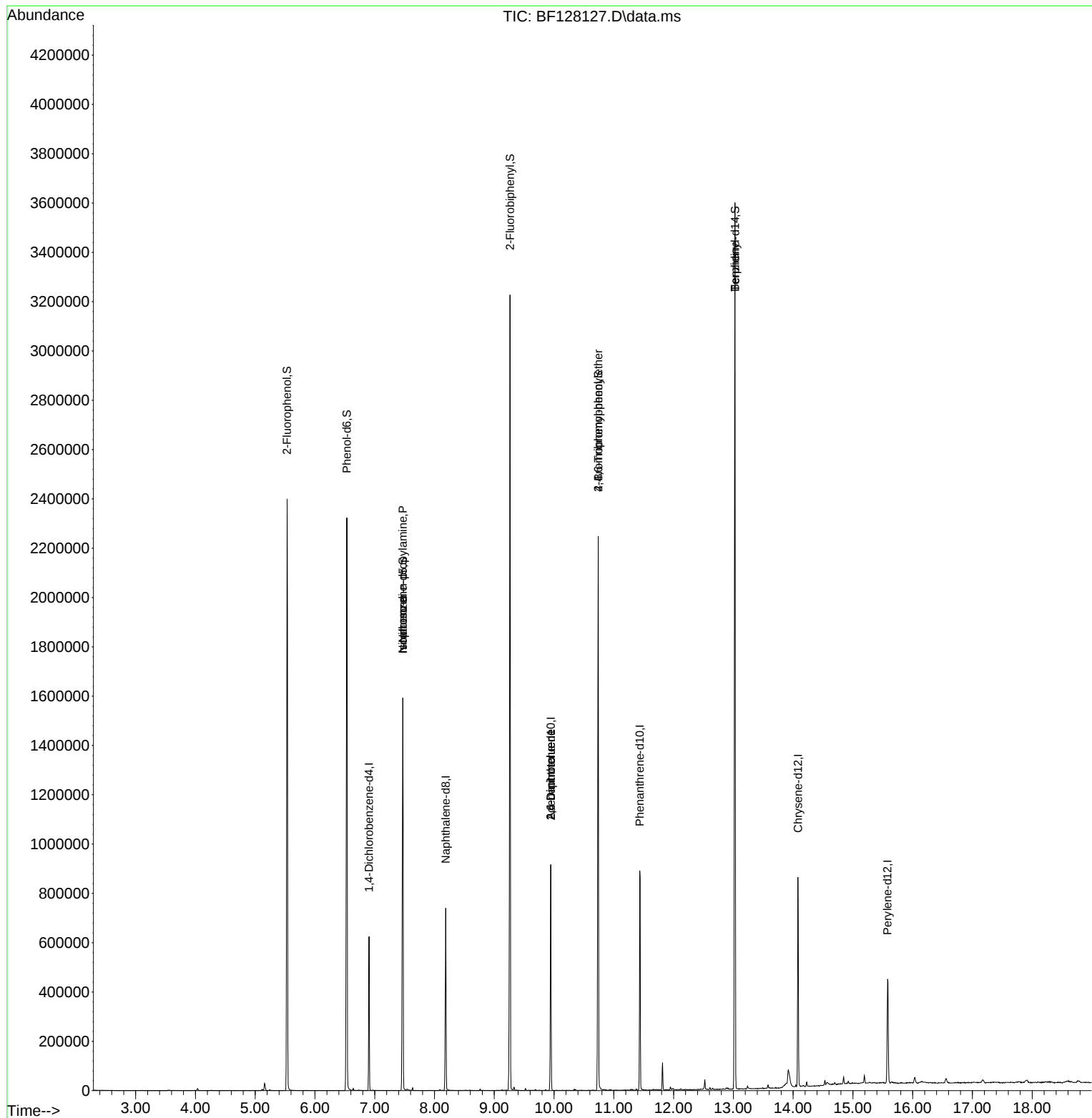
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	78918	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	305039	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	177500	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	345715	20.000	ng	-0.01
76) Chrysene-d12	14.080	240	280504	20.000	ng	-0.01
86) Perylene-d12	15.580	264	195704	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	633893	127.937	ng	0.00
7) Phenol-d6	6.534	99	837241	130.227	ng	-0.01
23) Nitrobenzene-d5	7.469	82	591964	91.256	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	257198	143.940	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	965649	92.035	ng	0.00
79) Terphenyl-d14	13.027	244	1262998	82.333	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	80234	20.387	ng	# 81
25) Isophorone	7.469	82	589571	54.001	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	22430	8.703	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	22430	6.570	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	16400	4.279	ng	# 1
77) Benzidine	13.027	184	18493	3.484	ng	# 93

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

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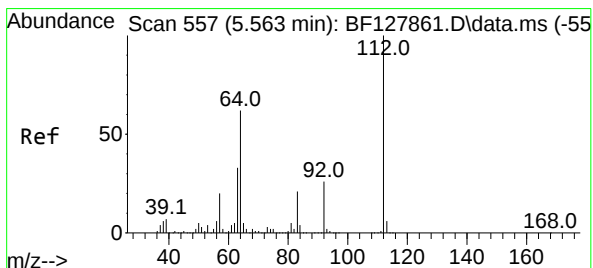
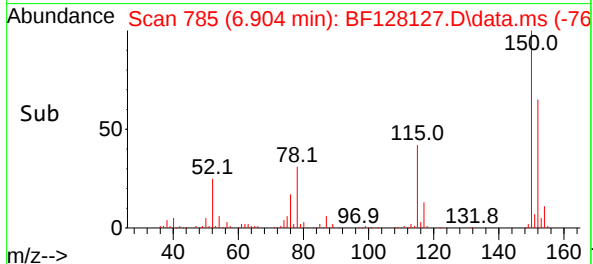
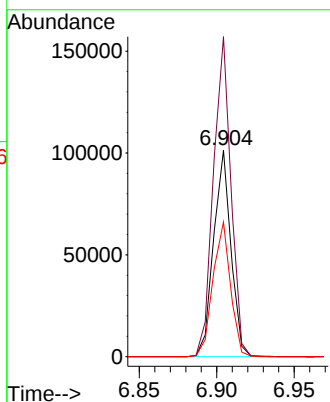
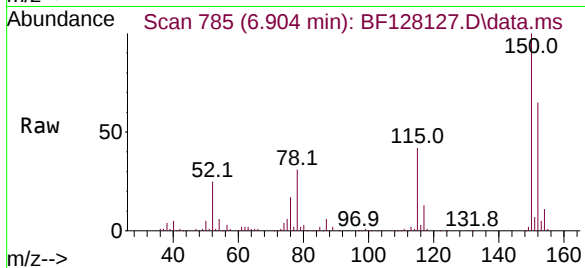




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128127.D
 Acq: 06 May 2022 16:33

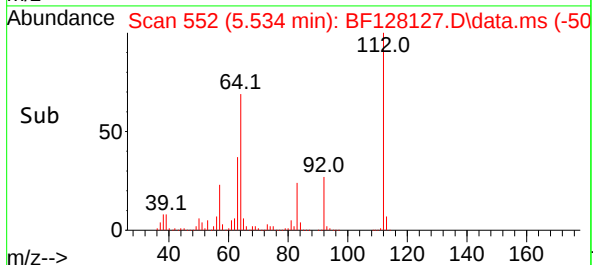
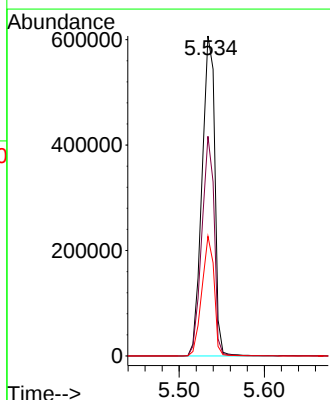
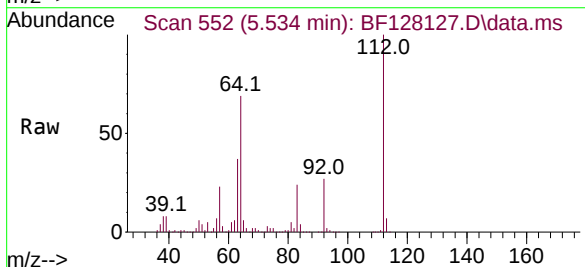
Instrument :
 BNA_F
 ClientSampleId :
 SP-3

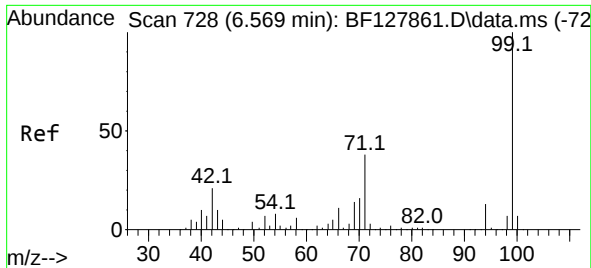
Tgt Ion:152 Resp: 78918
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.3 187.9
 115 65.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 127.937 ng
 RT: 5.534 min Scan# 552
 Delta R.T. 0.000 min
 Lab File: BF128127.D
 Acq: 06 May 2022 16:33

Tgt Ion:112 Resp: 633893
 Ion Ratio Lower Upper
 112 100
 64 68.7 49.5 74.3
 63 37.4 26.3 39.5

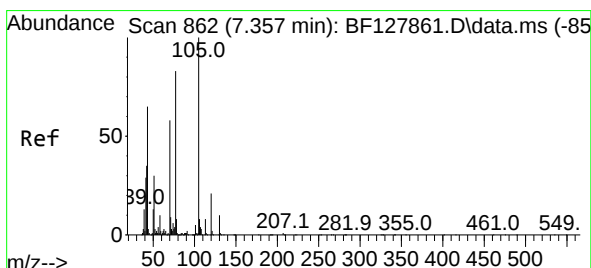
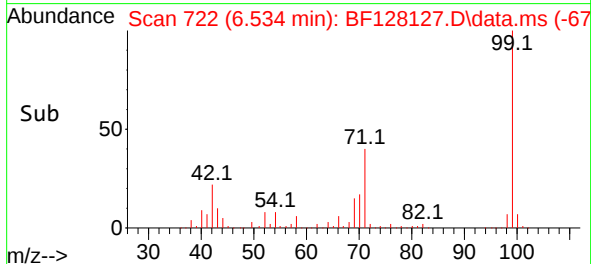
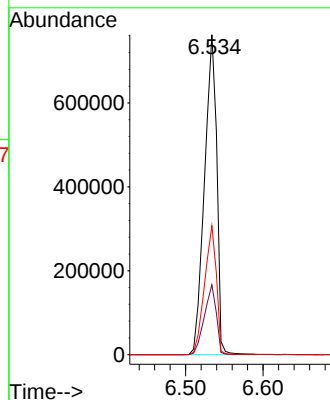
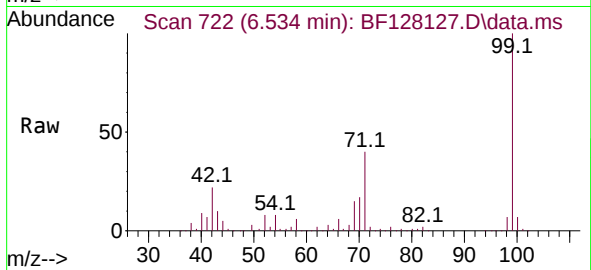




#7
Phenol-d6
Concen: 130.227 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

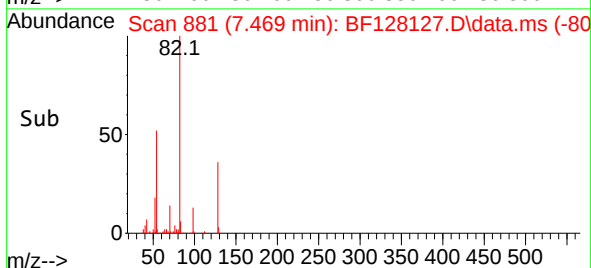
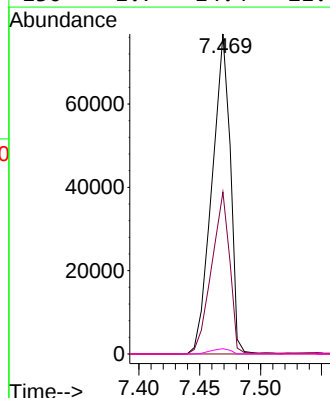
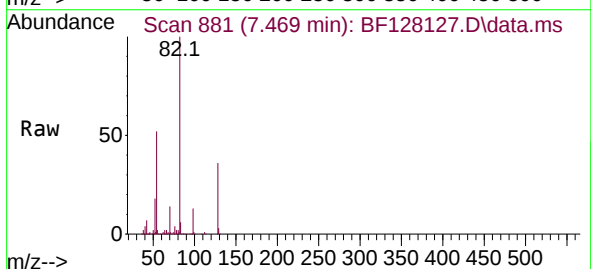
Instrument :
BNA_F
ClientSampleId :
SP-3

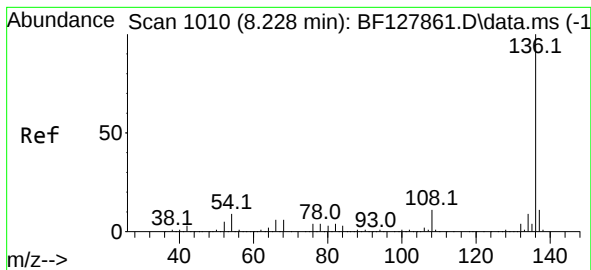
Tgt Ion: 99 Resp: 837241
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 40.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.387 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

Tgt Ion: 70 Resp: 80234
Ion Ratio Lower Upper
70 100
42 50.6 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 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: BF128127.D

Acq: 06 May 2022 16:33

Instrument :

BNA_F

ClientSampleId :

SP-3

Tgt Ion:136 Resp: 305039

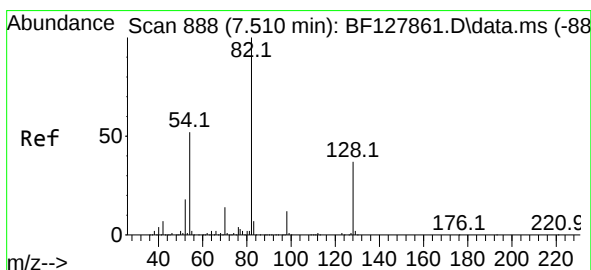
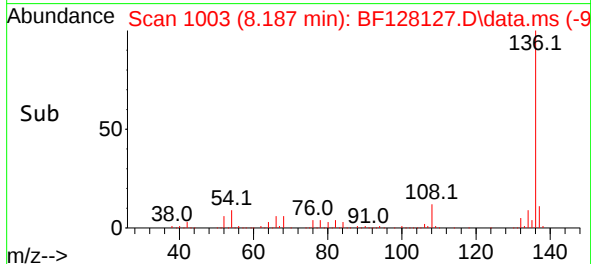
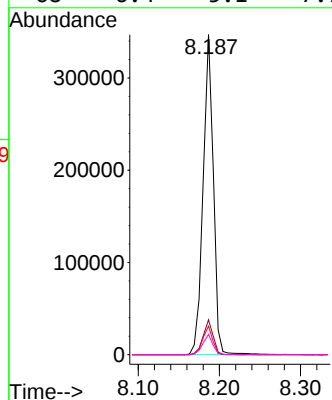
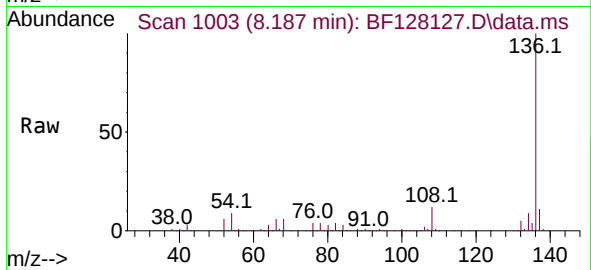
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.9 6.8 10.2

68 6.4 5.1 7.7



#23

Nitrobenzene-d5

Concen: 91.256 ng

RT: 7.469 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF128127.D

Acq: 06 May 2022 16:33

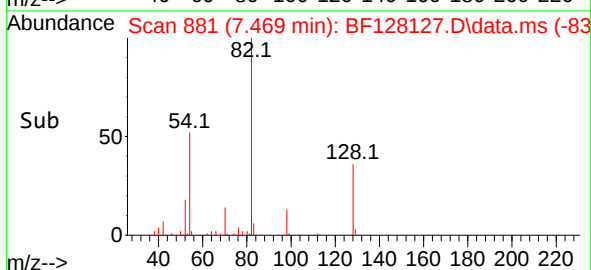
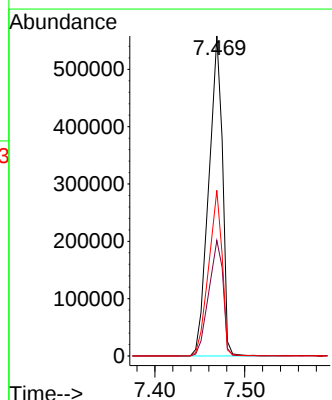
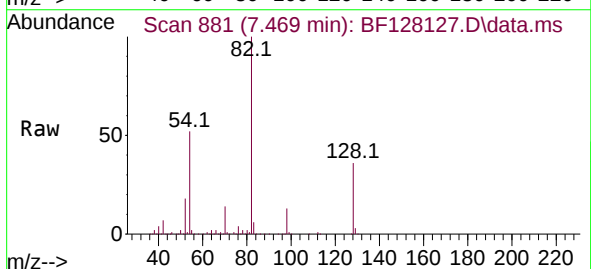
Tgt Ion: 82 Resp: 591964

Ion Ratio Lower Upper

82 100

128 36.1 30.0 45.0

54 51.8 41.3 61.9

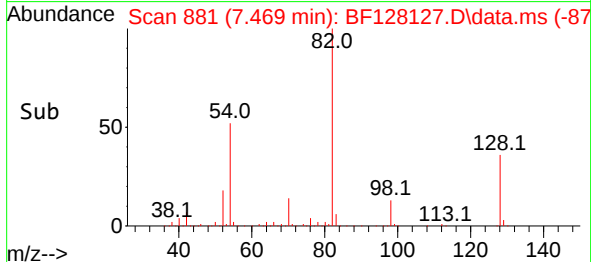
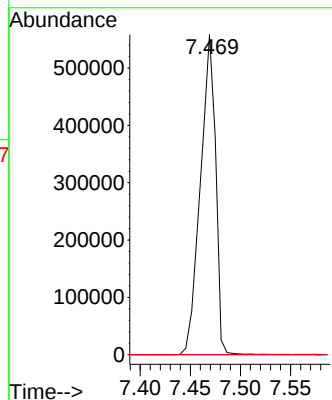
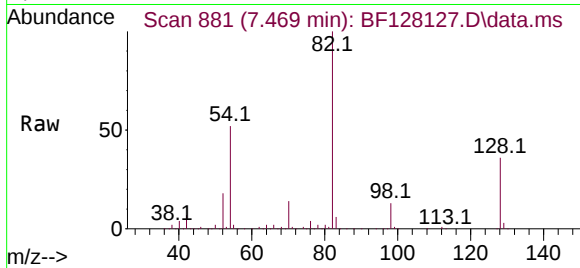




#25
Isophorone
Concen: 54.001 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

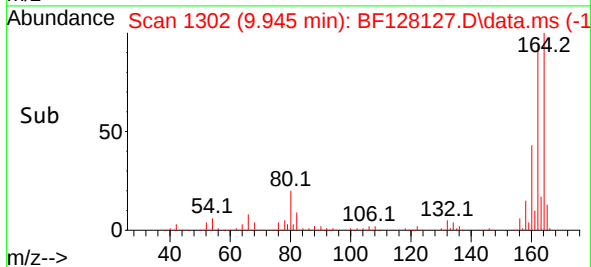
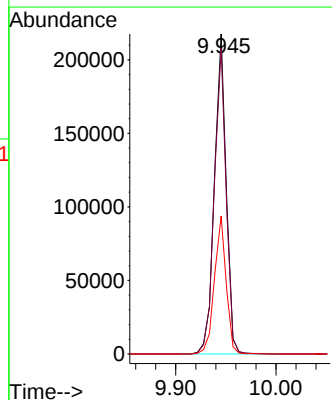
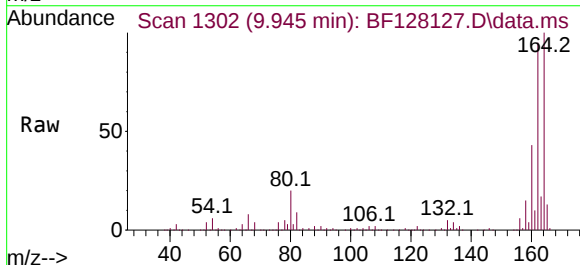
Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion: 82 Resp: 589571
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: BF128127.D
Acq: 06 May 2022 16:33

Tgt Ion:164 Resp: 177500
Ion Ratio Lower Upper
164 100
162 95.4 76.0 114.0
160 43.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 143.940 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128127.D

Acq: 06 May 2022 16:33

Instrument :

BNA_F

ClientSampleId :

SP-3

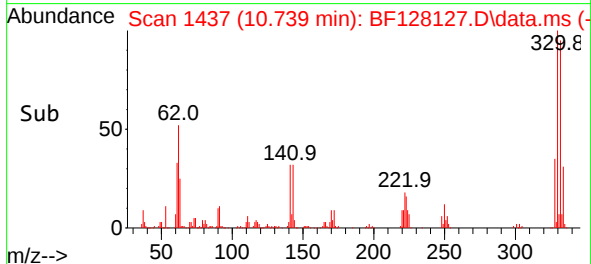
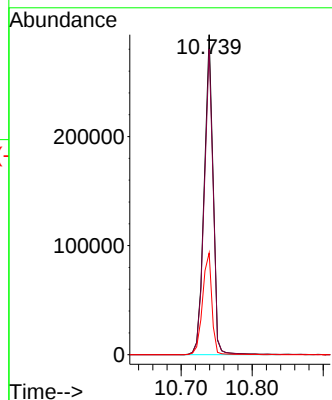
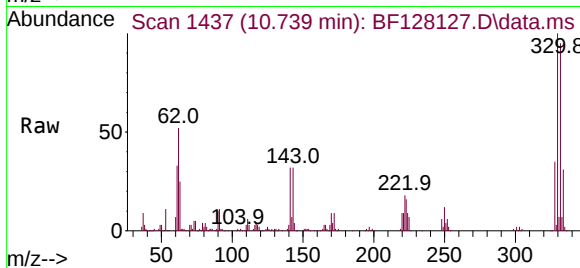
Tgt Ion:330 Resp: 257198

Ion Ratio Lower Upper

330 100

332 96.0 79.0 118.4

141 33.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 92.035 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128127.D

Acq: 06 May 2022 16:33

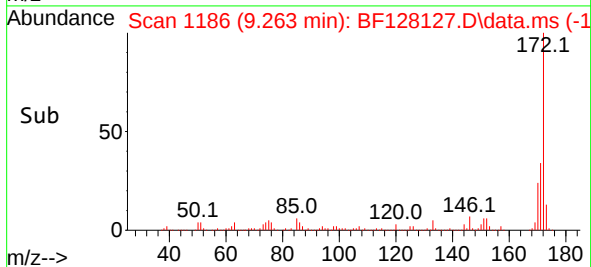
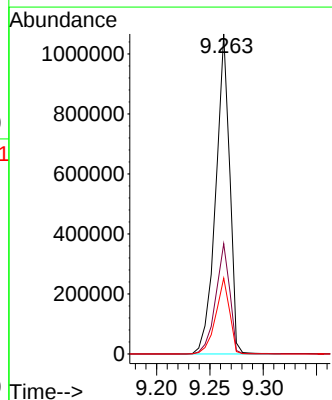
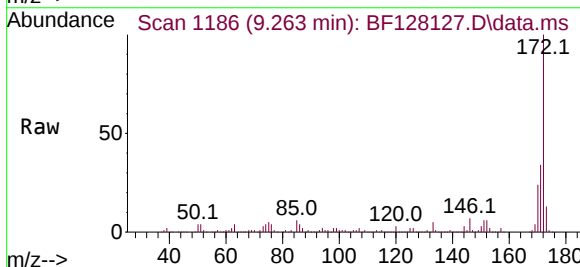
Tgt Ion:172 Resp: 965649

Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 23.7 19.1 28.7

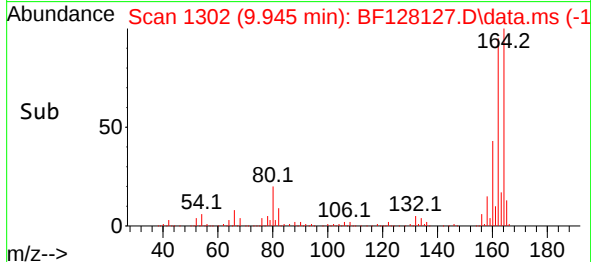
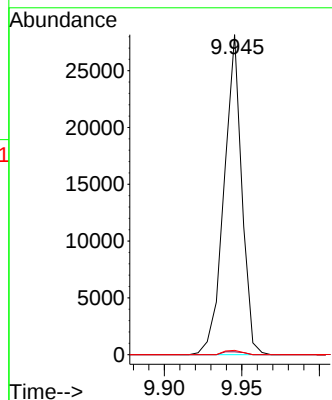
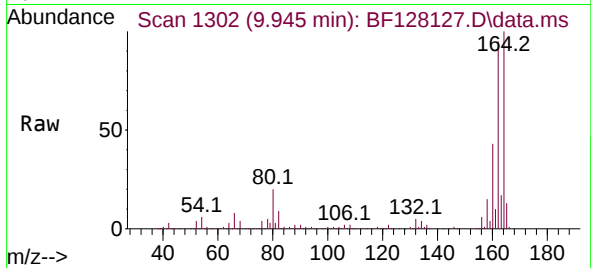




#51
2,6-Dinitrotoluene
Concen: 8.703 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

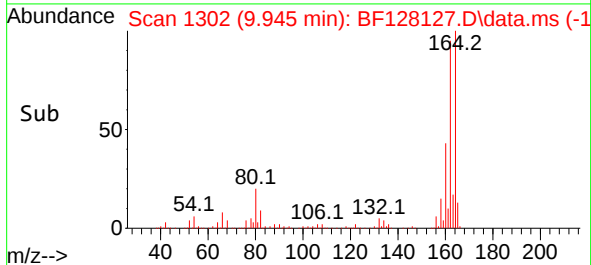
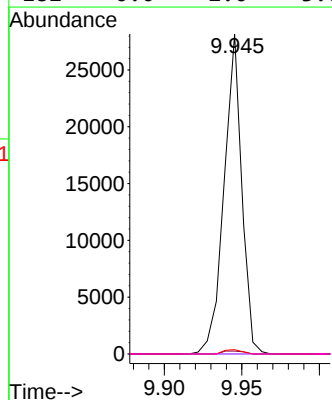
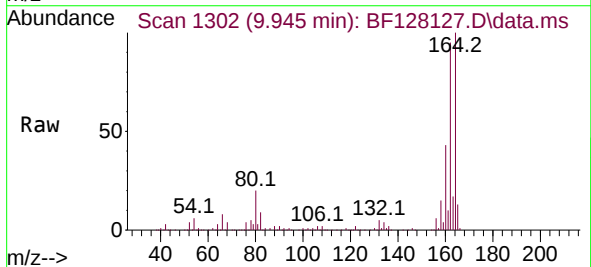
Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:165 Resp: 22430
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.570 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

Tgt Ion:165 Resp: 22430
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

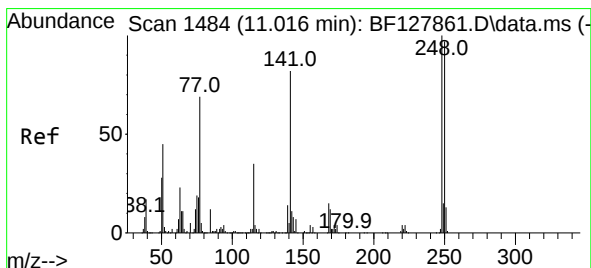
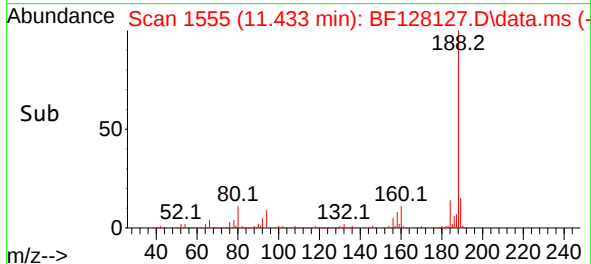
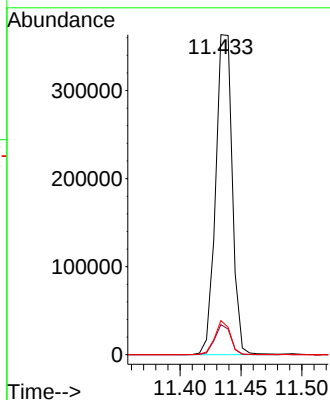
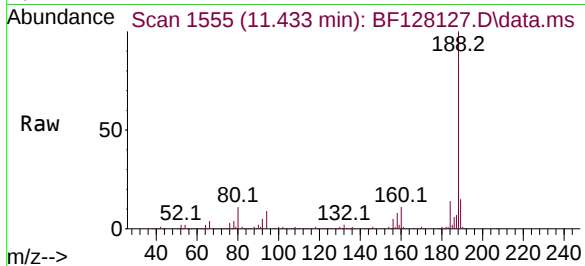




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

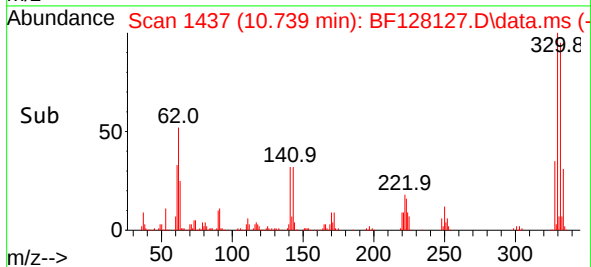
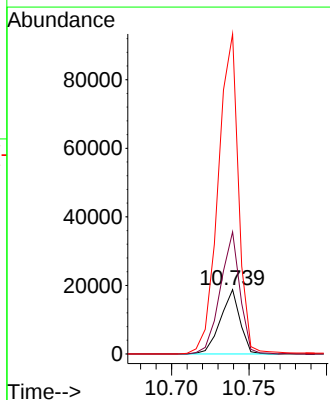
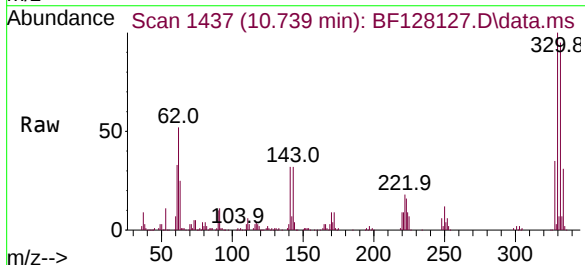
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BNA_F
ClientSampleId :
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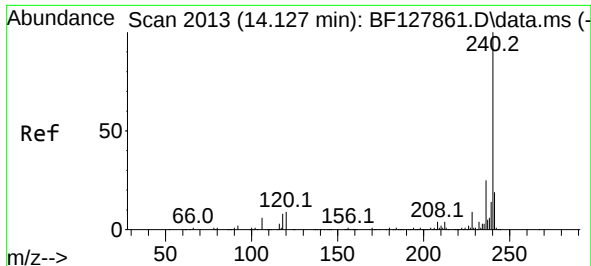
Tgt Ion:188 Resp: 345715
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.279 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

Tgt Ion:248 Resp: 16400
Ion Ratio Lower Upper
248 100
250 189.7 77.7 116.5#
141 497.0 65.6 98.4#

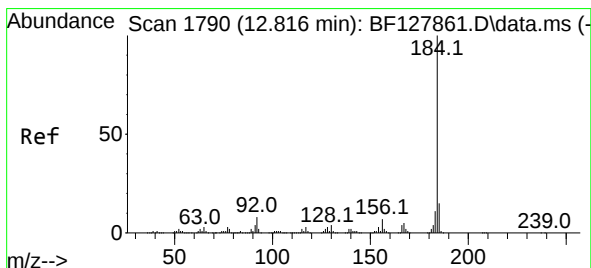
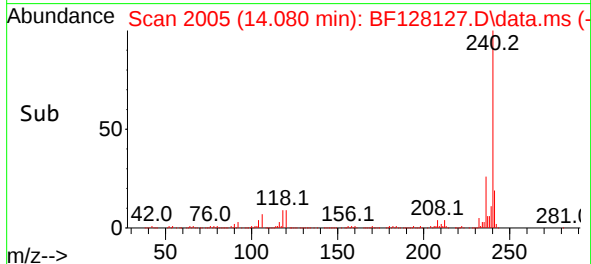
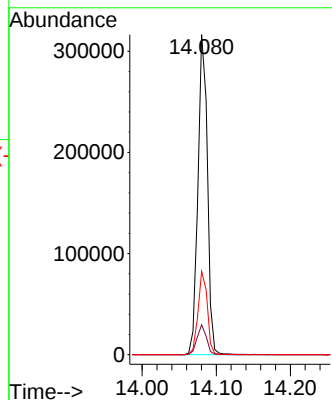
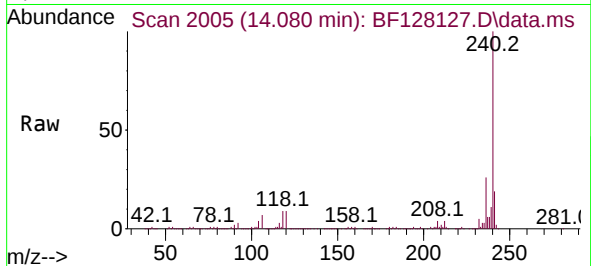




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

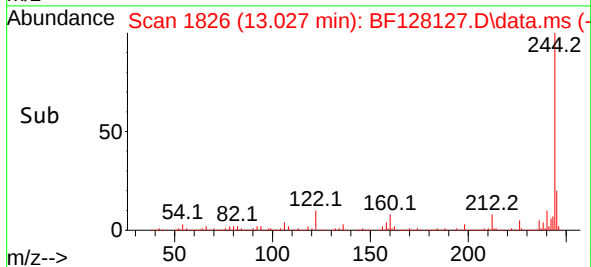
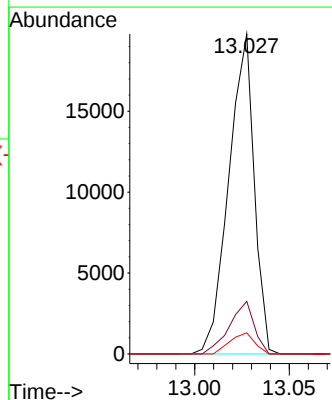
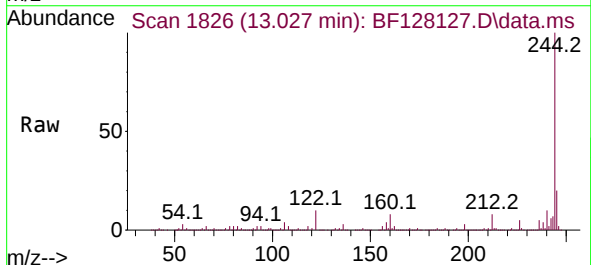
Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:240 Resp: 280504
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 26.0 20.3 30.5



#77
Benzidine
Concen: 3.484 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

Tgt Ion:184 Resp: 18493
Ion Ratio Lower Upper
184 100
185 16.5 12.1 18.1
183 6.6 9.0 13.4#

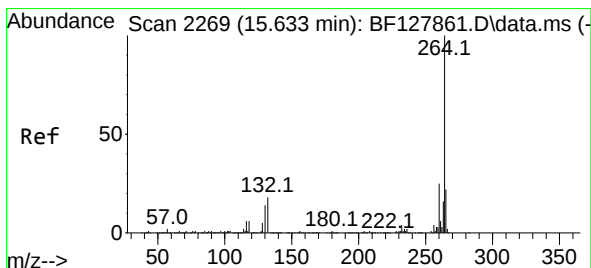
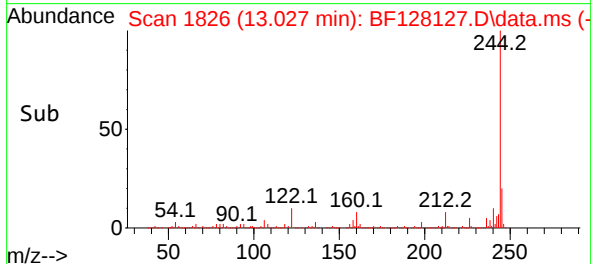
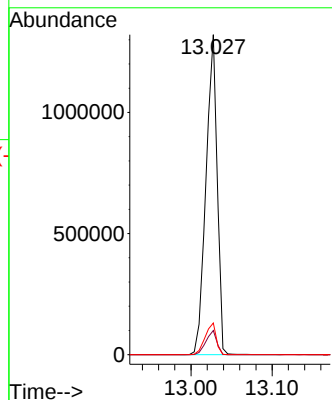
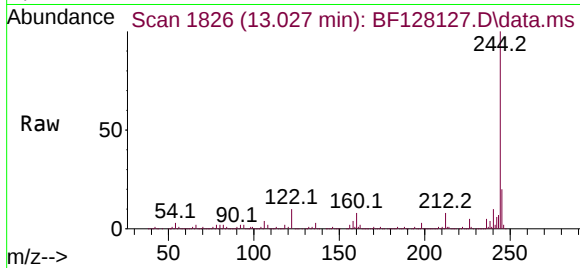




#79
 Terphenyl-d14
 Concen: 82.333 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128127.D
 Acq: 06 May 2022 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tgt Ion:244 Resp: 1262998
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. -0.012 min
 Lab File: BF128127.D
 Acq: 06 May 2022 16:33

Tgt Ion:264 Resp: 195704
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 22.0 17.5 26.3

