

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128097.D
 Acq On : 05 May 2022 16:30
 Operator : CG\JU
 Sample : N2672-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 10

Quant Time: May 05 18:02:29 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)

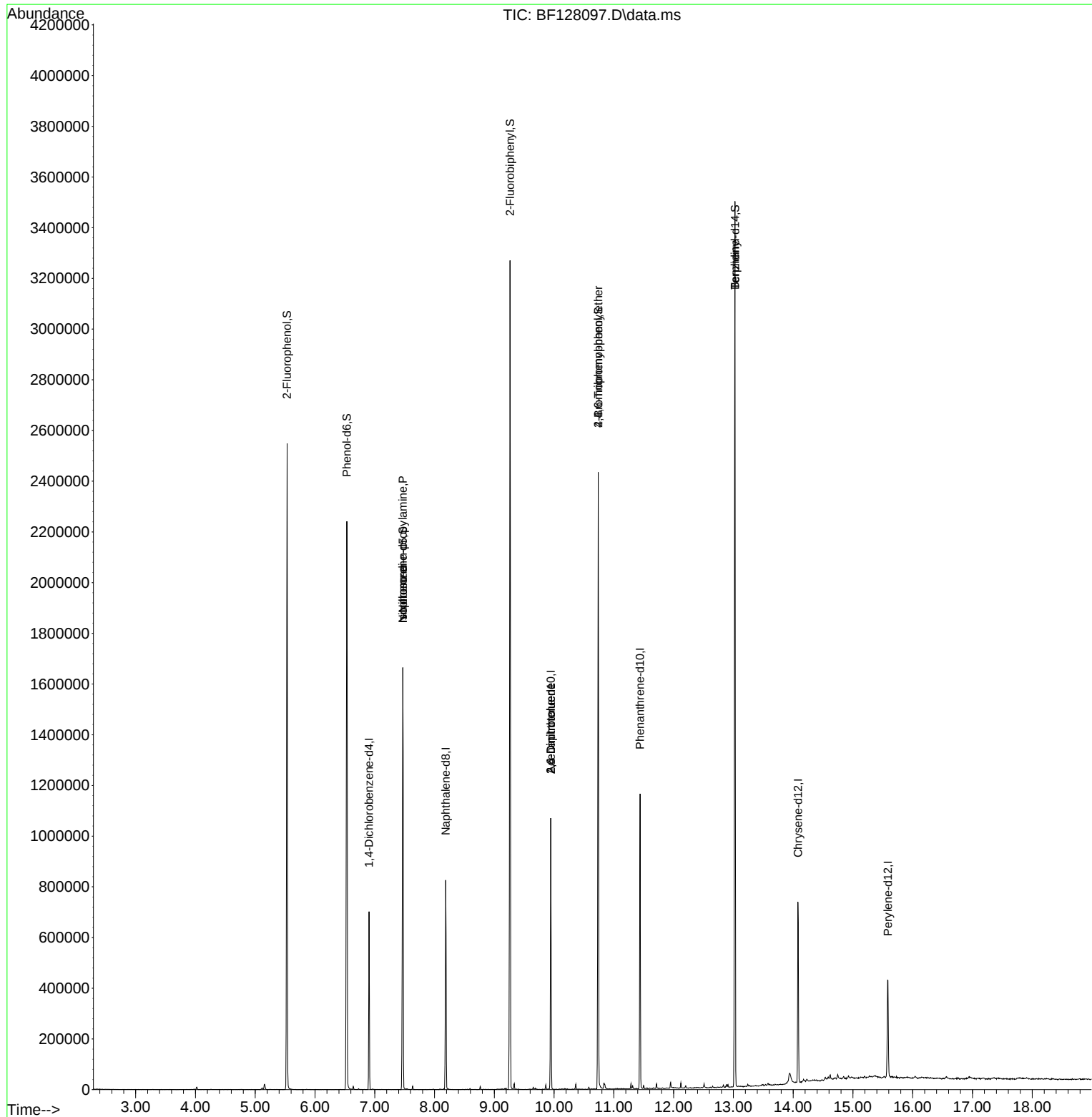
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	86340	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	348576	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	205991	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	395748	20.000	ng	0.00
76) Chrysene-d12	14.080	240	248067	20.000	ng	-0.01
86) Perylene-d12	15.586	264	185539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	626397	115.556	ng	0.00
7) Phenol-d6	6.534	99	835205	118.743	ng	-0.01
23) Nitrobenzene-d5	7.469	82	604800	81.590	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	276230	133.210	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1005572	82.585	ng	0.00
79) Terphenyl-d14	13.027	244	1179244	86.925	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	81637	18.960	ng	# 79
25) Isophorone	7.469	82	603576	48.379	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	26676	8.919	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	26676	6.733	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	17178	3.916	ng	# 1
77) Benzidine	13.027	184	16664	3.550	ng	# 92

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

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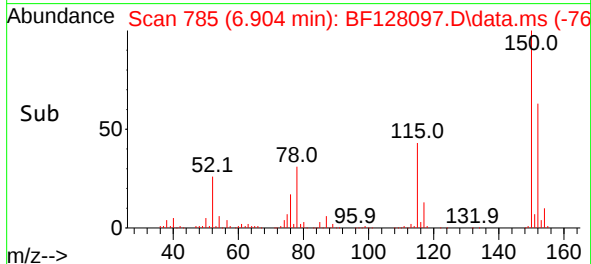
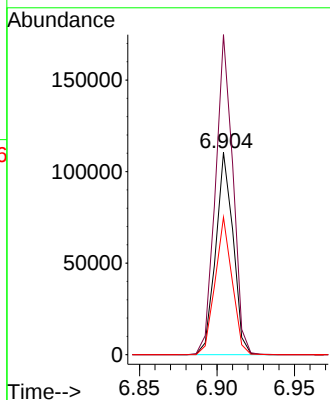
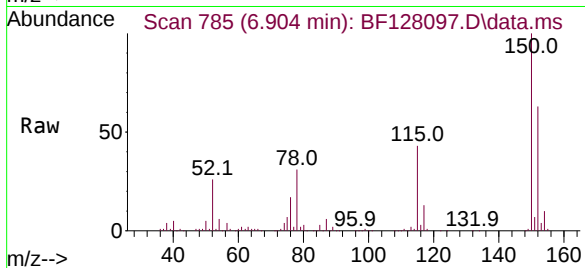




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128097.D
 Acq: 05 May 2022 16:30

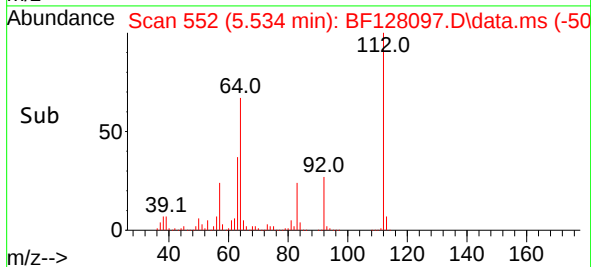
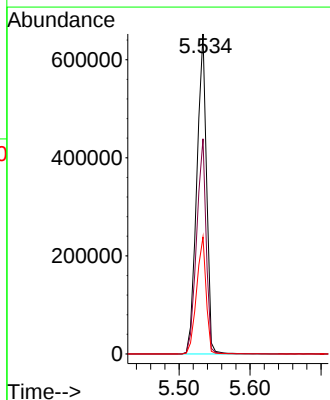
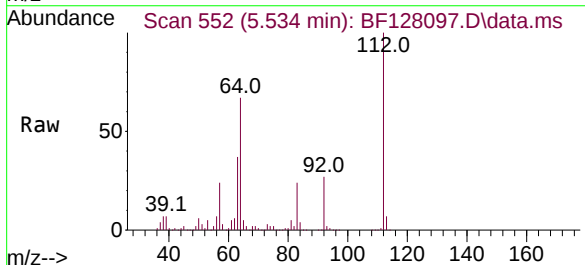
Instrument :
 BNA_F
 ClientSampleId :
 10

Tgt Ion:152 Resp: 86340
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.3 187.9
 115 67.9 48.8 73.2



#5
 2-Fluorophenol
 Concen: 115.556 ng
 RT: 5.534 min Scan# 552
 Delta R.T. 0.000 min
 Lab File: BF128097.D
 Acq: 05 May 2022 16:30

Tgt Ion:112 Resp: 626397
 Ion Ratio Lower Upper
 112 100
 64 67.2 49.5 74.3
 63 36.6 26.3 39.5

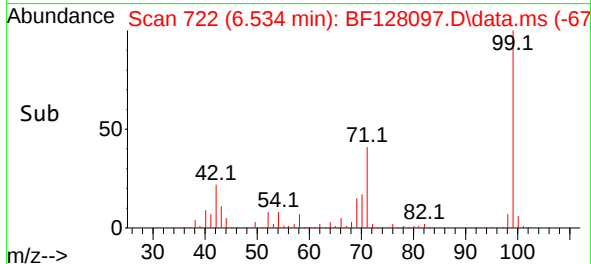
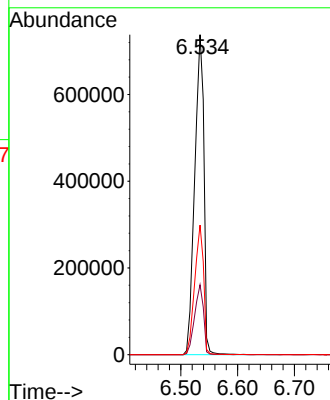
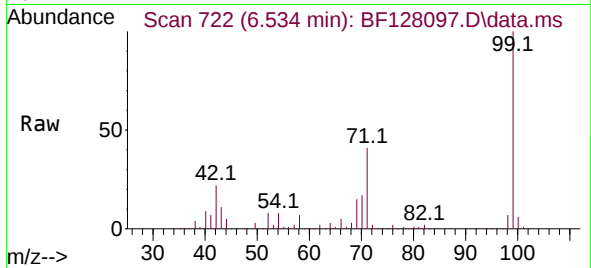




#7
Phenol-d6
Concen: 118.743 ng
RT: 6.534 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

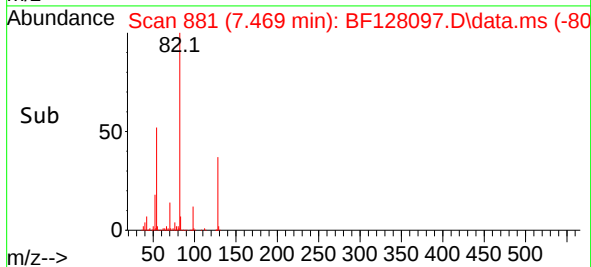
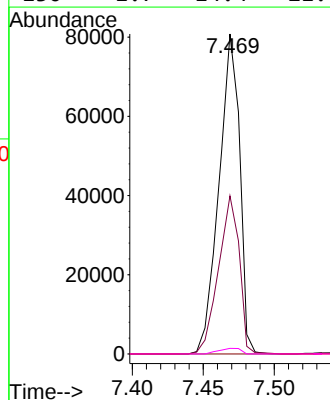
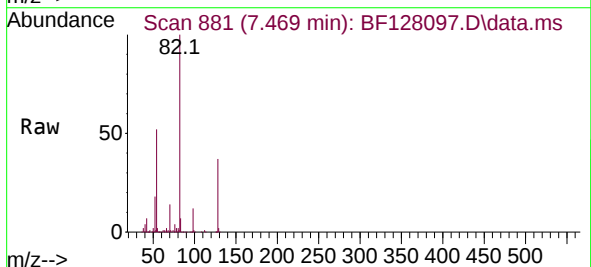
Instrument :
BNA_F
ClientSampleId :
10

Tgt Ion: 99 Resp: 835205
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 40.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.960 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

Tgt Ion: 70 Resp: 81637
Ion Ratio Lower Upper
70 100
42 49.4 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

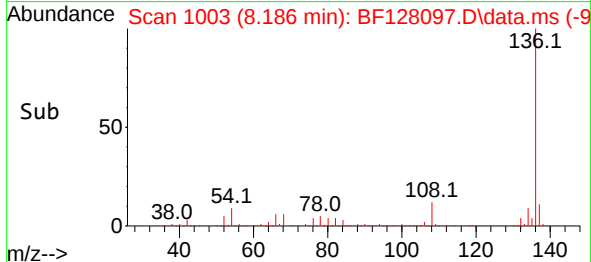
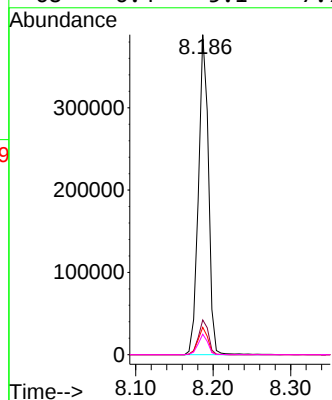
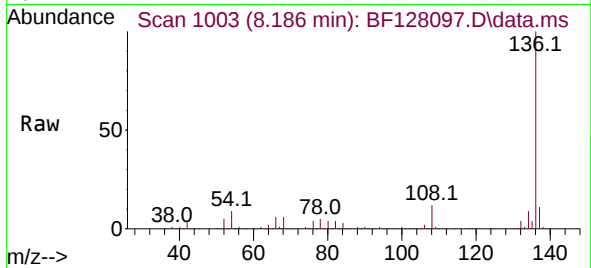




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

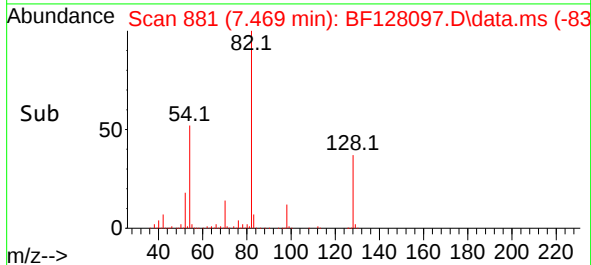
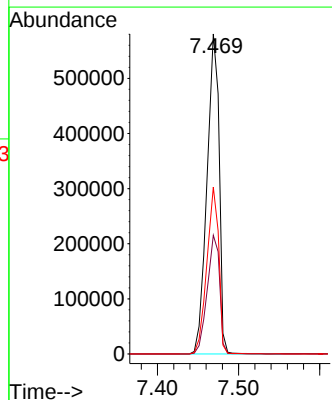
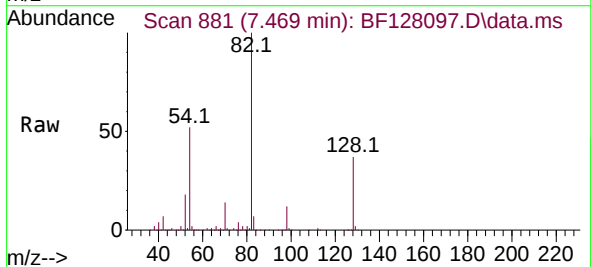
Instrument :
BNA_F
ClientSampleId :
10

Tgt	Ion:136	Resp:	348576
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.6	6.8	10.2
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 81.590 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

Tgt Ion: 82	Resp: 604800
Ion Ratio	Lower Upper
82 100	
128 37.1	30.0 45.0
54 52.2	41.3 61.9

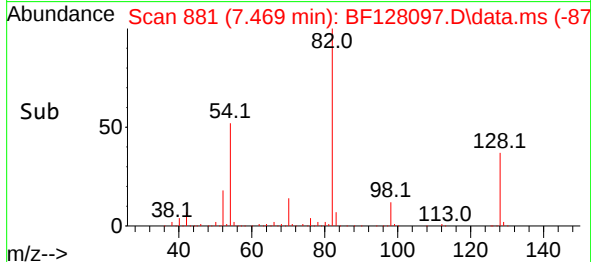
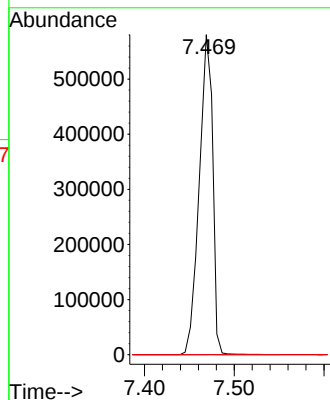
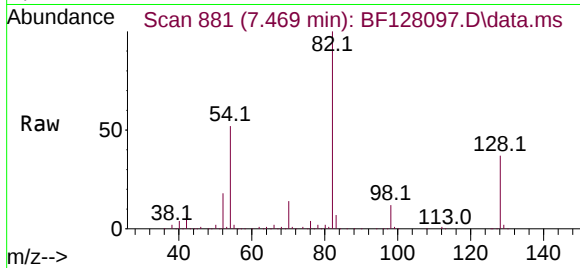




#25
Isophorone
Concen: 48.379 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

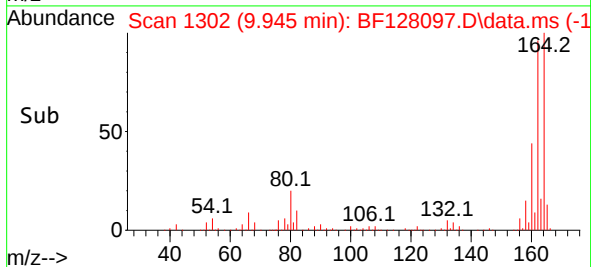
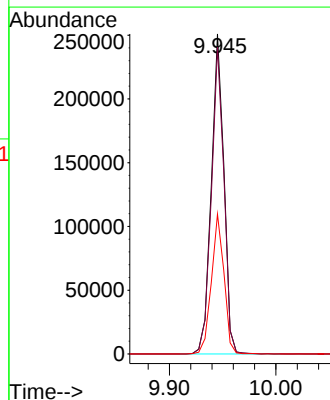
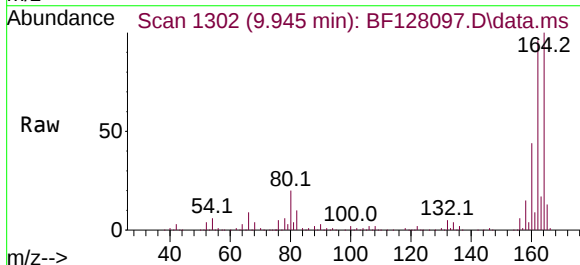
Instrument :
BNA_F
ClientSampleId :
10

Tgt Ion: 82 Resp: 603576
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: BF128097.D
Acq: 05 May 2022 16:30

Tgt Ion:164 Resp: 205991
Ion Ratio Lower Upper
164 100
162 95.8 76.0 114.0
160 43.7 34.8 52.2

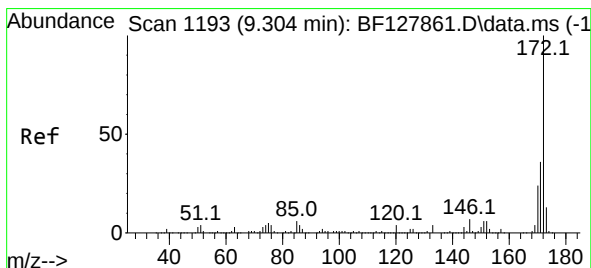
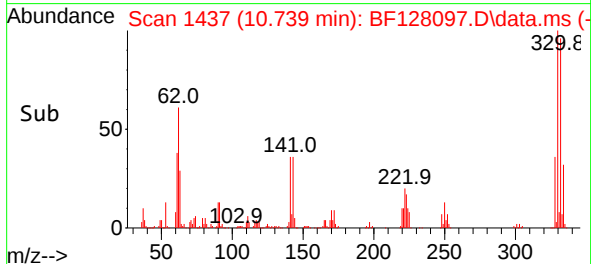
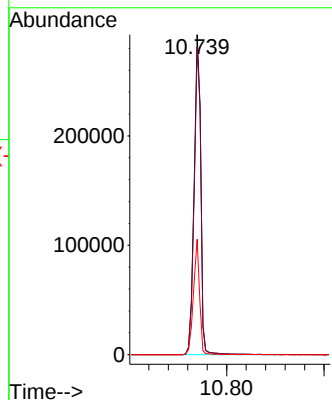
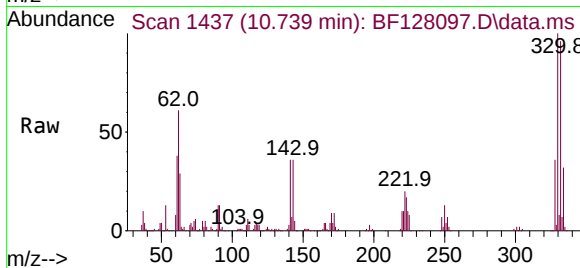




#42
2,4,6-Tribromophenol
Concen: 133.210 ng
RT: 10.739 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

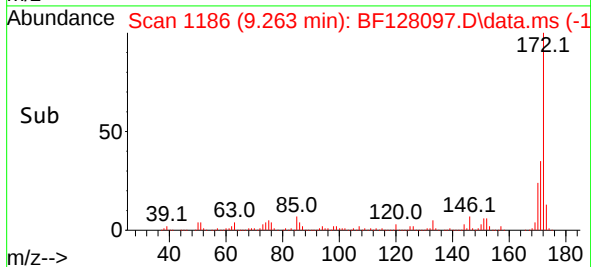
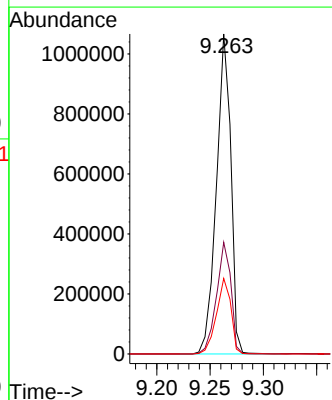
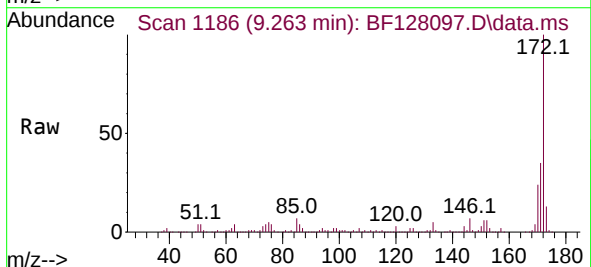
Instrument :
BNA_F
ClientSampleId :
10

Tgt Ion:330 Resp: 276230
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.4
141 33.1 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 82.585 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF128097.D
Acq: 05 May 2022 16:30

Tgt Ion:172 Resp: 1005572
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.919 ng

RT: 9.945 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF128097.D

Acq: 05 May 2022 16:30

Instrument :

BNA_F

ClientSampleId :

10

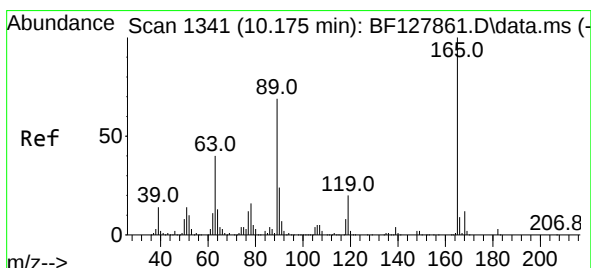
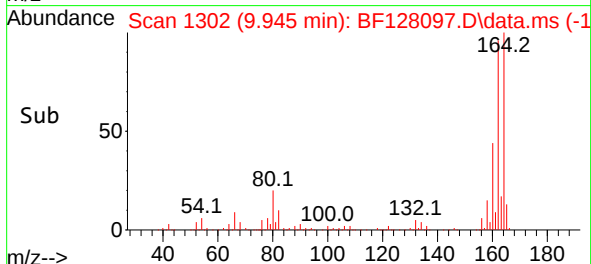
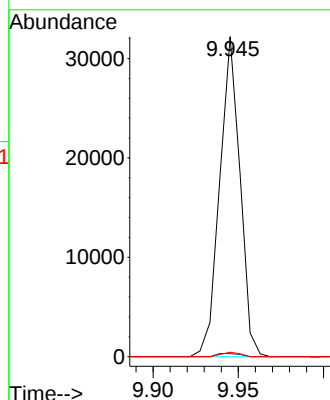
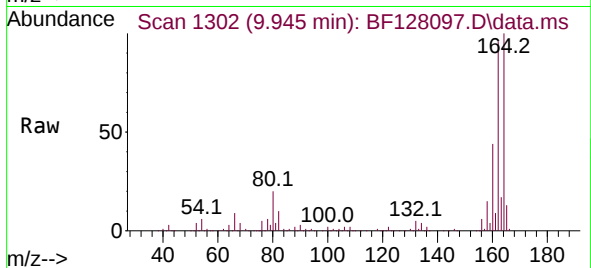
Tgt Ion:165 Resp: 26676

Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.4 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.733 ng

RT: 9.945 min Scan# 1302

Delta R.T. -0.200 min

Lab File: BF128097.D

Acq: 05 May 2022 16:30

Tgt Ion:165 Resp: 26676

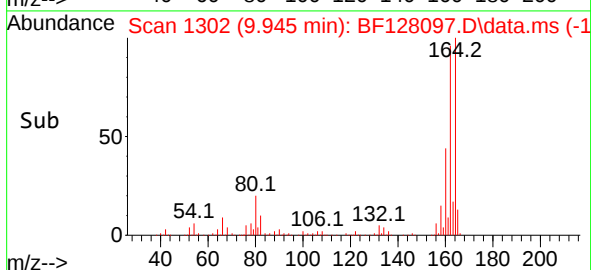
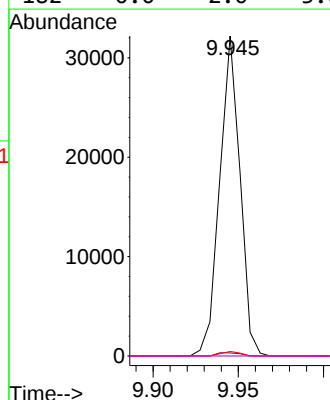
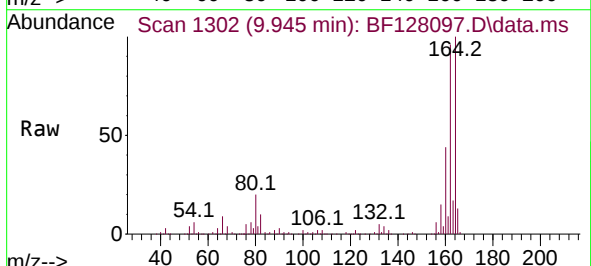
Ion Ratio Lower Upper

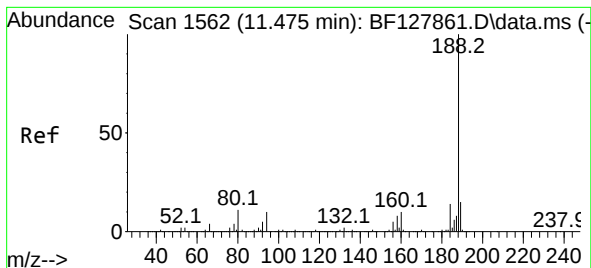
165 100

63 1.0 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# 1

Delta R.T. -0.006 min

Lab File: BF128097.D

Acq: 05 May 2022 16:30

Instrument :

BNA_F

ClientSampleId :

10

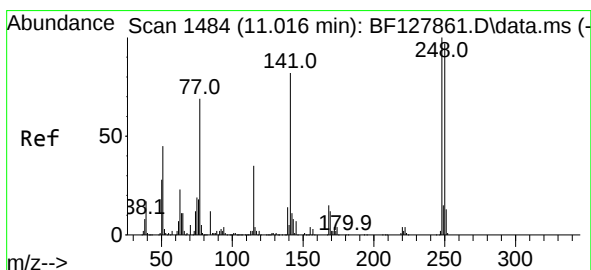
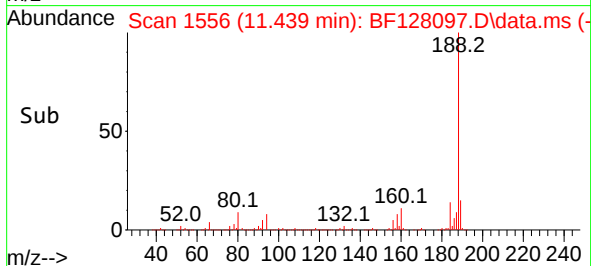
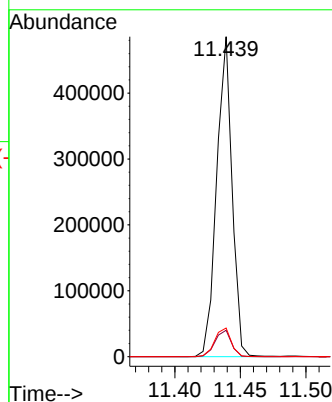
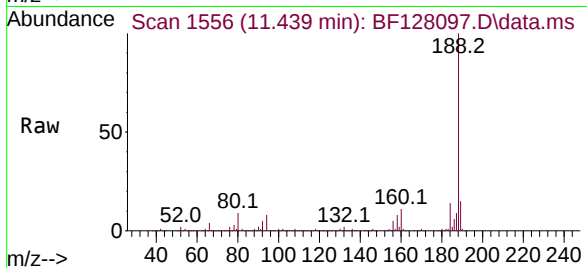
Tgt Ion:188 Resp: 395748

Ion Ratio Lower Upper

188 100

94 8.3 8.0 12.0

80 8.9 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.916 ng

RT: 10.739 min Scan# 1437

Delta R.T. -0.247 min

Lab File: BF128097.D

Acq: 05 May 2022 16:30

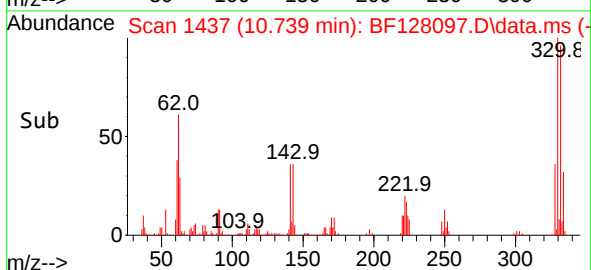
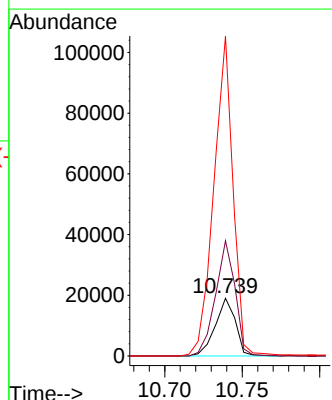
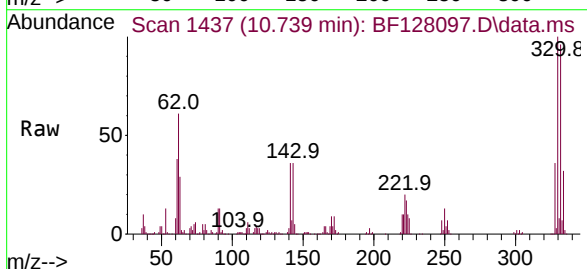
Tgt Ion:248 Resp: 17178

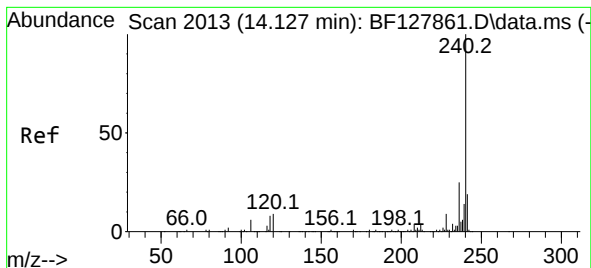
Ion Ratio Lower Upper

248 100

250 199.4 77.7 116.5#

141 553.8 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF128097.D

Acq: 05 May 2022 16:30

Instrument :

BNA_F

ClientSampleId :

10

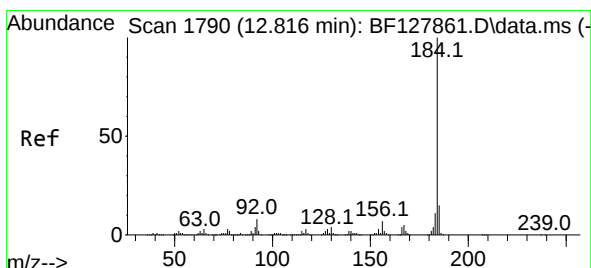
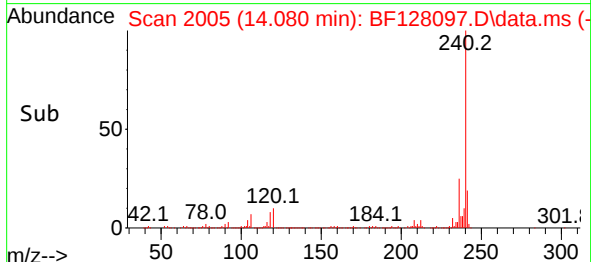
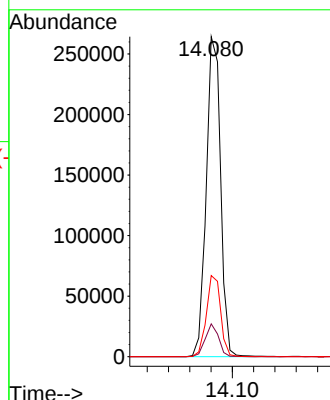
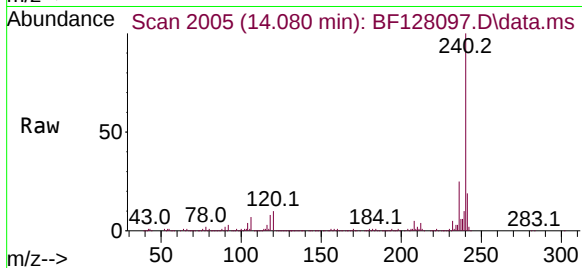
Tgt Ion:240 Resp: 248067

Ion Ratio Lower Upper

240 100

120 10.2 7.0 10.6

236 25.3 20.3 30.5



#77

Benzidine

Concen: 3.550 ng

RT: 13.027 min Scan# 1826

Delta R.T. 0.247 min

Lab File: BF128097.D

Acq: 05 May 2022 16:30

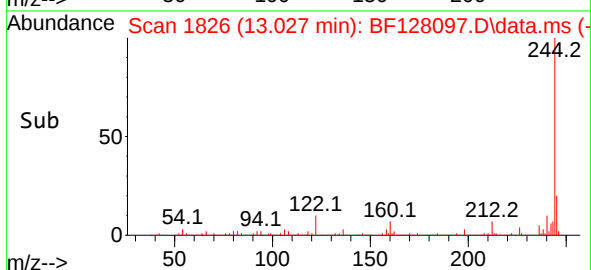
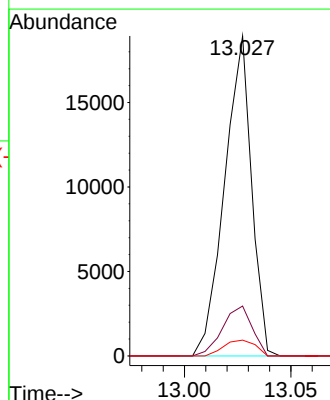
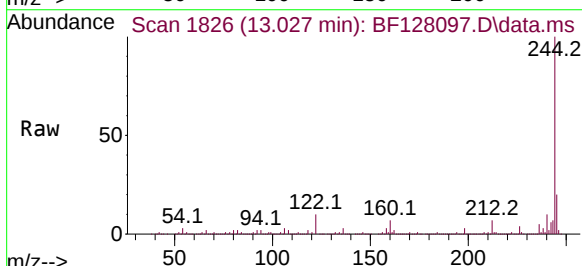
Tgt Ion:184 Resp: 16664

Ion Ratio Lower Upper

184 100

185 15.6 12.1 18.1

183 5.0 9.0 13.4#

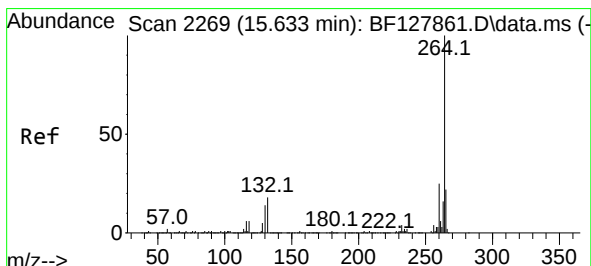
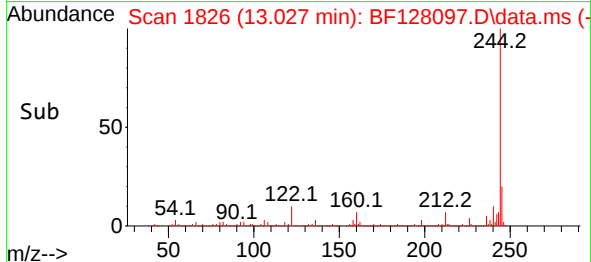
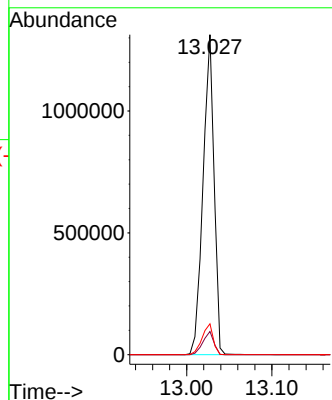
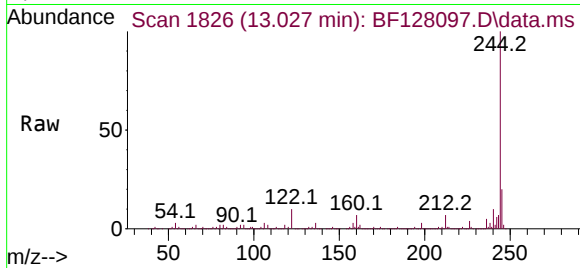




#79
 Terphenyl-d14
 Concen: 86.925 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128097.D
 Acq: 05 May 2022 16:30

Instrument :
 BNA_F
 ClientSampleId :
 10

Tgt Ion:244 Resp: 1179244
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 9.7 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: BF128097.D
 Acq: 05 May 2022 16:30

Tgt Ion:264 Resp: 185539
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 20.2 17.5 26.3

