

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128043.D
 Acq On : 03 May 2022 13:58
 Operator : CG\JU
 Sample : N2663-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25

Quant Time: May 04 04:26:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

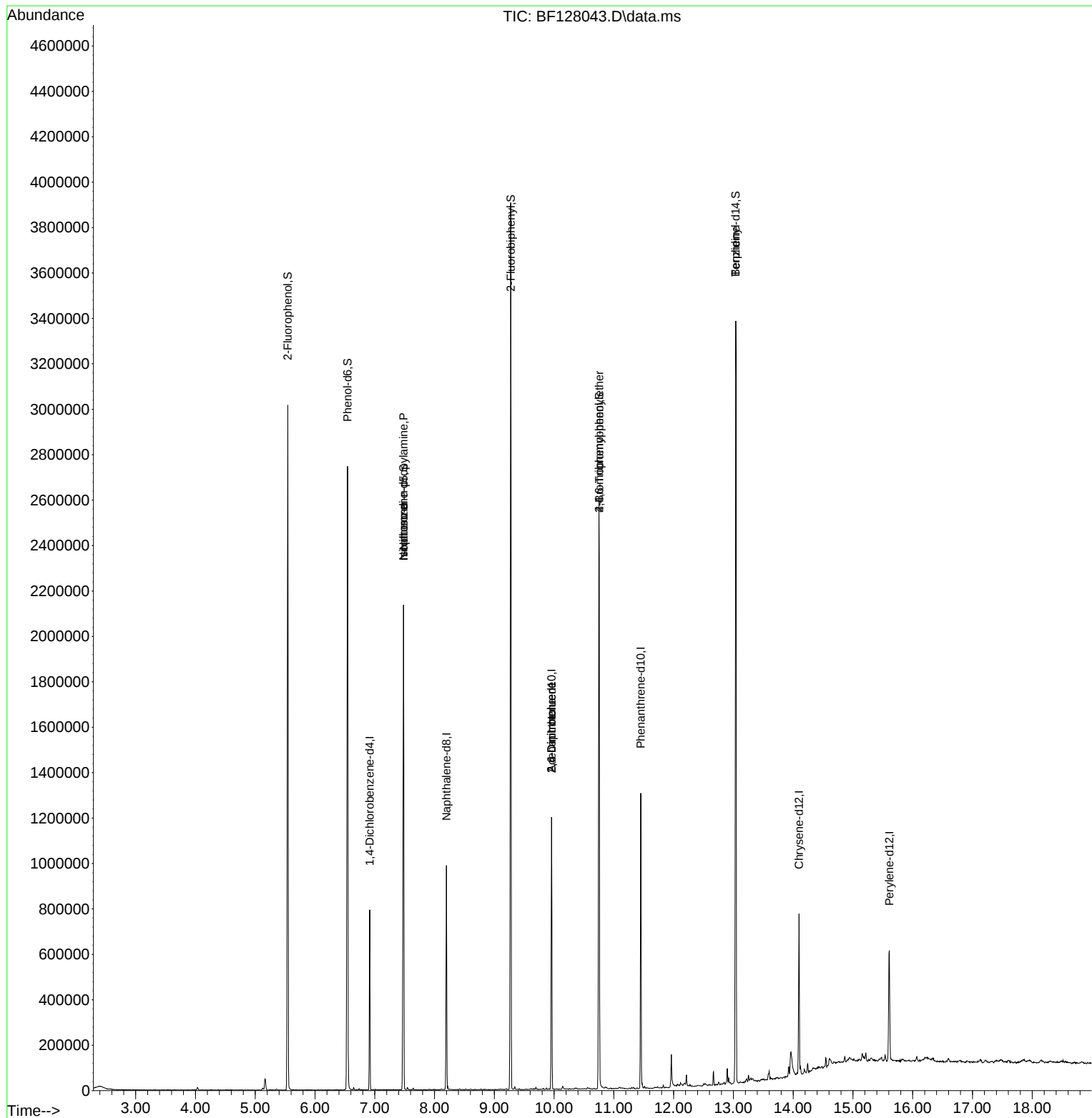
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	99132	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	392405	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	231405	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	431019	20.000	ng	0.00
76) Chrysene-d12	14.098	240	215566	20.000	ng	0.00
86) Perylene-d12	15.609	264	227129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	770657	123.824	ng	0.00
7) Phenol-d6	6.545	99	1033597	127.986	ng	0.00
23) Nitrobenzene-d5	7.481	82	752628	90.192	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	336149	144.302	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1183004	86.486	ng	0.00
79) Terphenyl-d14	13.039	244	1271793	107.881	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	102121	20.657	ng	# 80
25) Isophorone	7.481	82	752619	53.587	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	29648	8.824	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	29648	6.661	ng	# 26
67) 4-Bromophenyl-phenylether	10.757	248	20586	4.308	ng	# 1
77) Benzidine	13.039	184	18902	4.634	ng	# 95

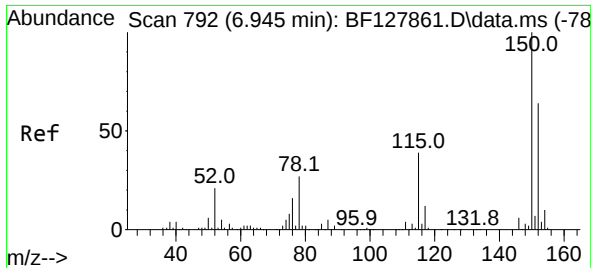
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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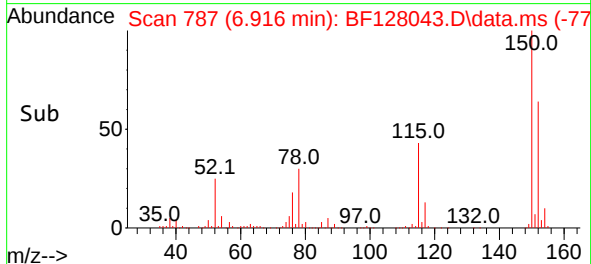
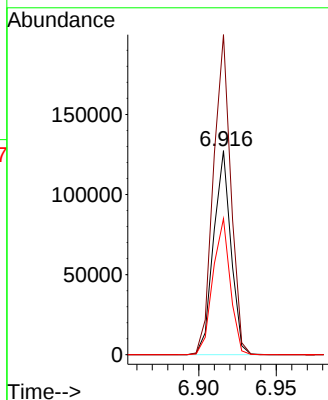
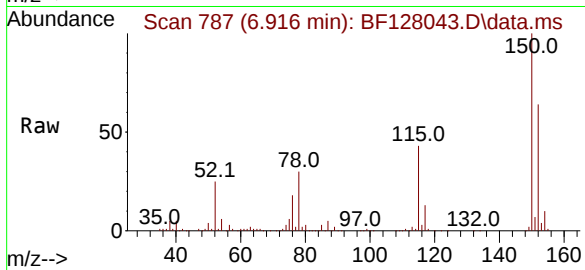




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BF128043.D
 Acq: 03 May 2022 13:58

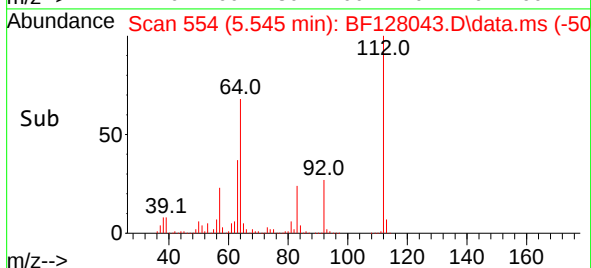
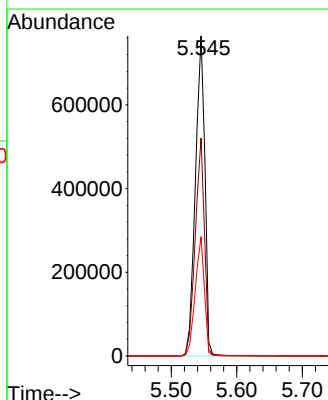
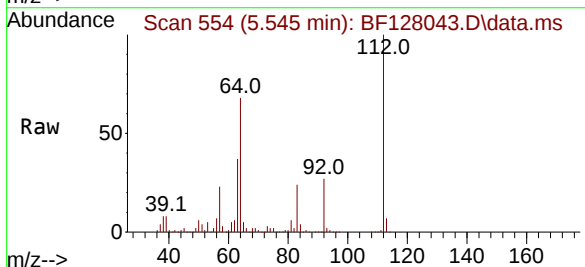
Instrument :
 BNA_F
 ClientSampleId :
 TP-25

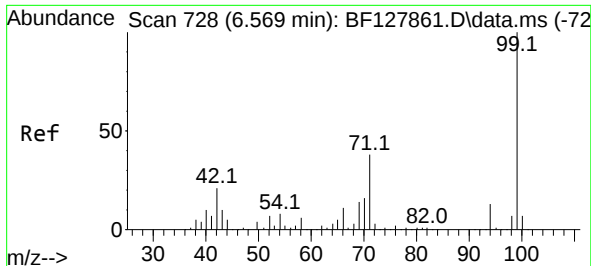
Tgt Ion:152 Resp: 99132
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.3 187.9
 115 66.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 123.824 ng
 RT: 5.545 min Scan# 554
 Delta R.T. 0.006 min
 Lab File: BF128043.D
 Acq: 03 May 2022 13:58

Tgt Ion:112 Resp: 770657
 Ion Ratio Lower Upper
 112 100
 64 68.1 49.5 74.3
 63 37.3 26.3 39.5

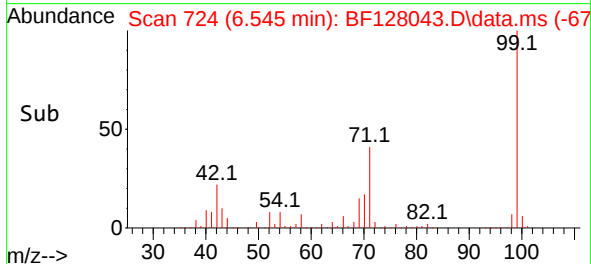
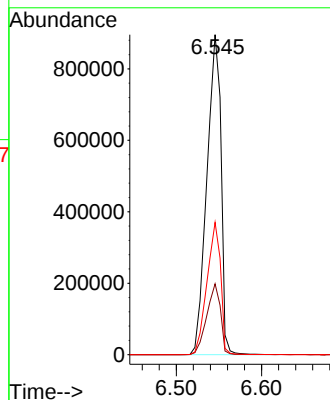
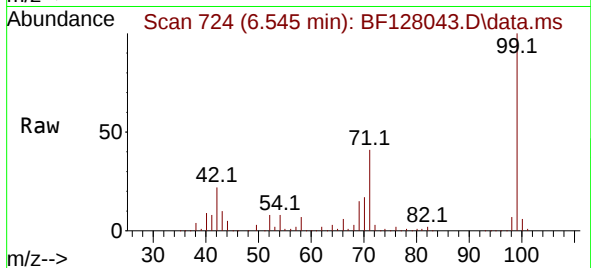




#7
Phenol-d6
Concen: 127.986 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128043.D
Acq: 03 May 2022 13:58

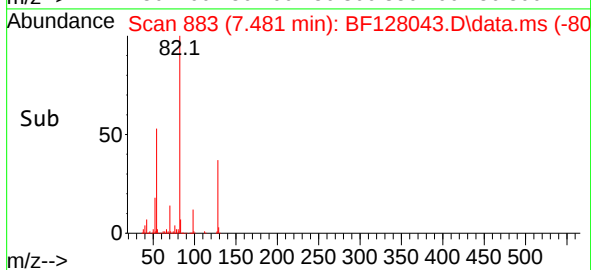
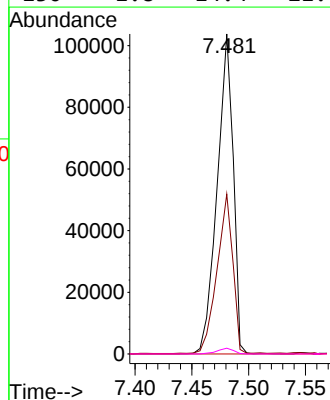
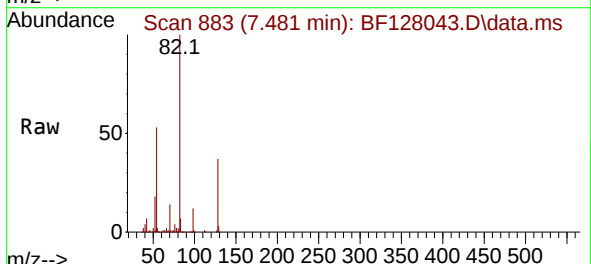
Instrument :
BNA_F
ClientSampleId :
TP-25

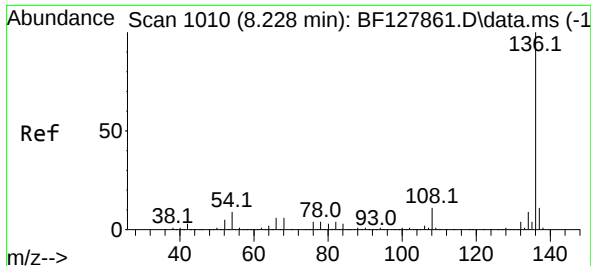
Tgt Ion: 99 Resp: 1033597
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 41.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.657 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF128043.D
Acq: 03 May 2022 13:58

Tgt Ion: 70 Resp: 102121
Ion Ratio Lower Upper
70 100
42 49.9 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

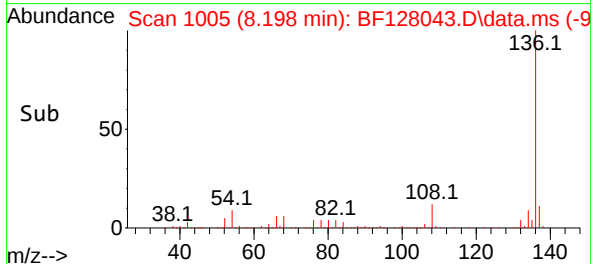
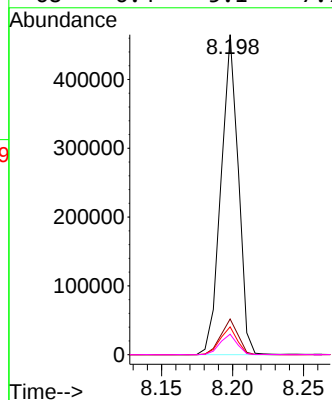
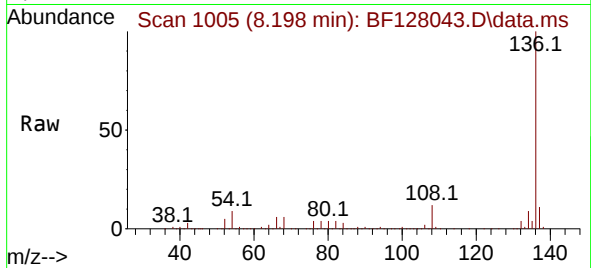




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128043.D
Acq: 03 May 2022 13:58

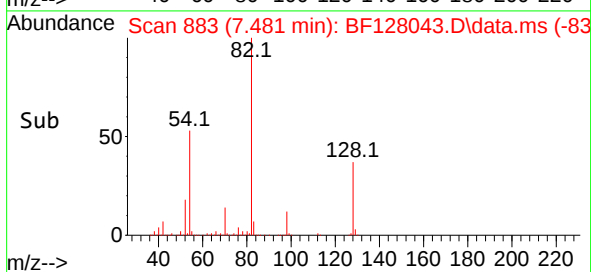
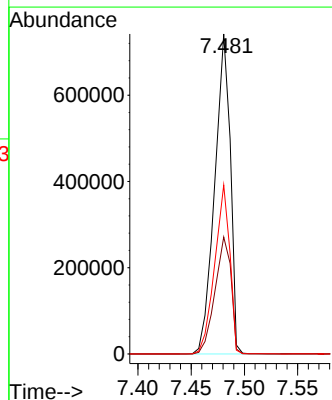
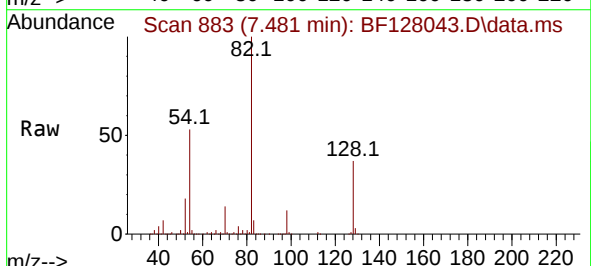
Instrument :
BNA_F
ClientSampleId :
TP-25

Tgt Ion:	136	Resp:	392405
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.7	6.8	10.2
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 90.192 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128043.D
Acq: 03 May 2022 13:58

Tgt Ion:	82	Resp:	752628
Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.0	45.0
54	52.8	41.3	61.9

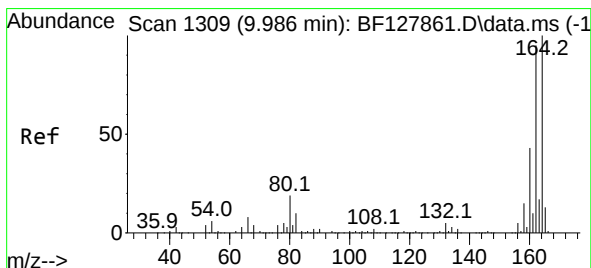
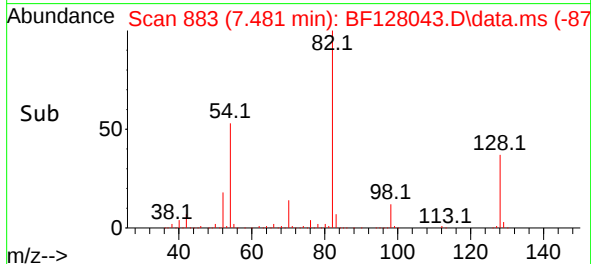
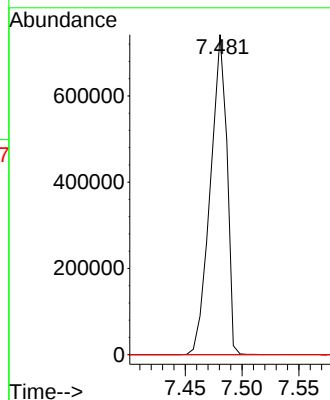
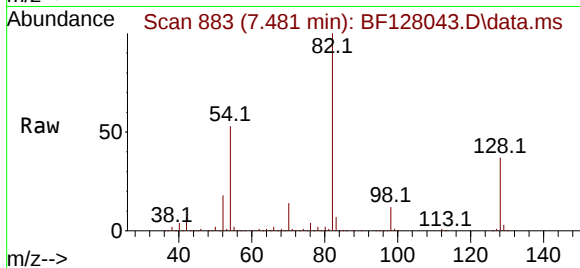




#25
Isophorone
Concen: 53.587 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128043.D
Acq: 03 May 2022 13:58

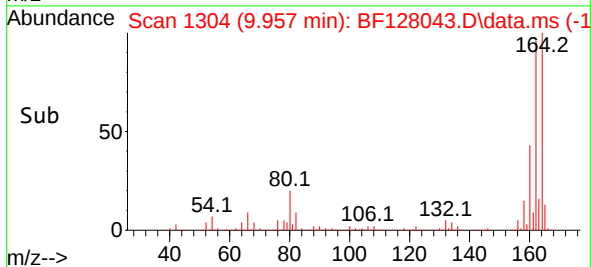
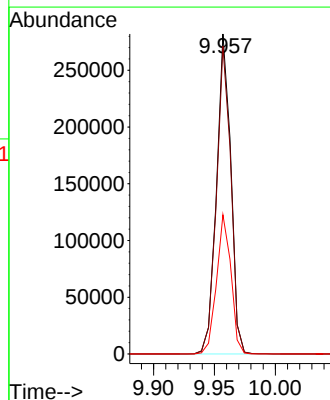
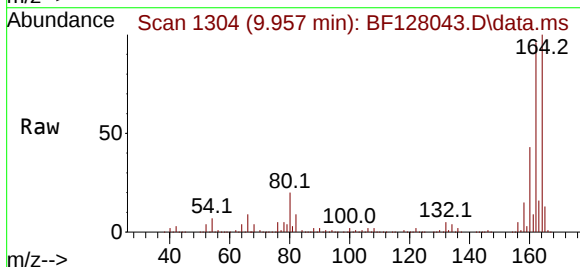
Instrument :
BNA_F
ClientSampleId :
TP-25

Tgt Ion: 82 Resp: 752619
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: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128043.D
Acq: 03 May 2022 13:58

Tgt Ion: 164 Resp: 231405
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 43.5 34.8 52.2

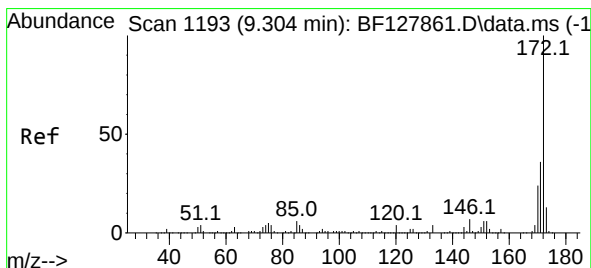
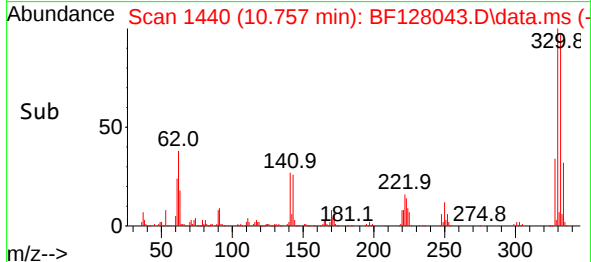
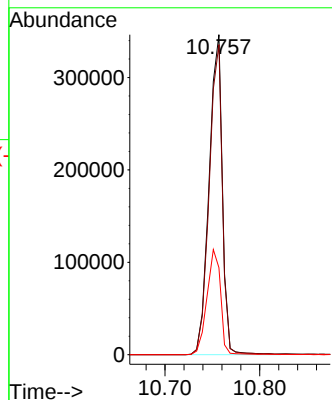
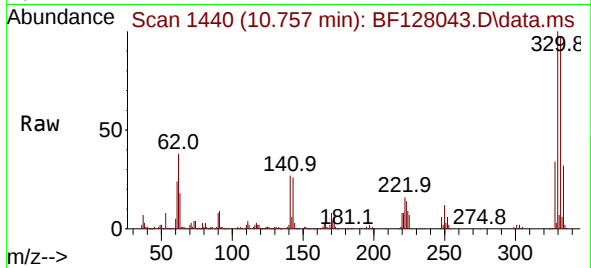




#42
2,4,6-Tribromophenol
Concen: 144.302 ng
RT: 10.757 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF128043.D
Acq: 03 May 2022 13:58

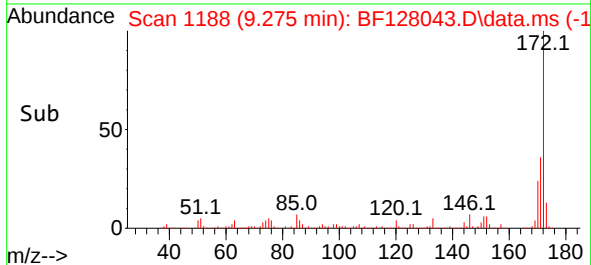
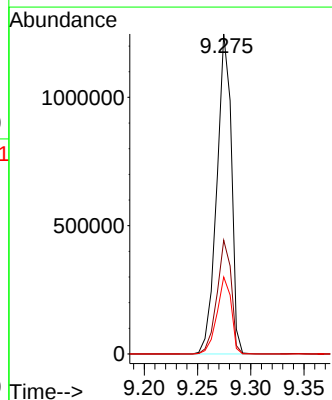
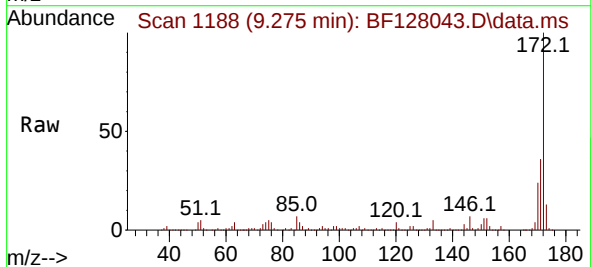
Instrument :
BNA_F
ClientSampleId :
TP-25

Tgt Ion:330 Resp: 336149
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.4
141 33.9 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 86.486 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF128043.D
Acq: 03 May 2022 13:58

Tgt Ion:172 Resp: 1183004
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 24.0 19.1 28.7

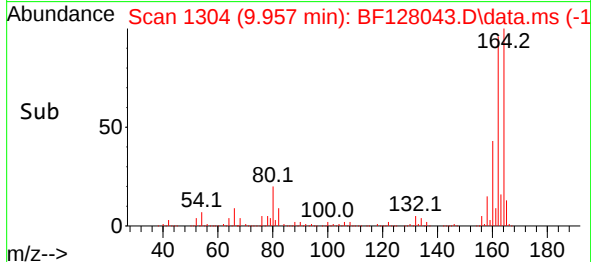
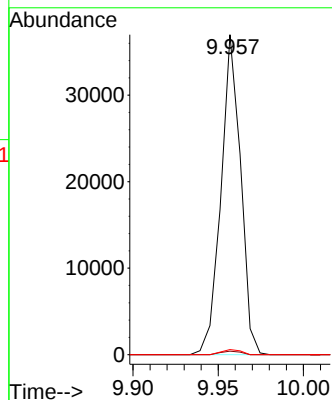
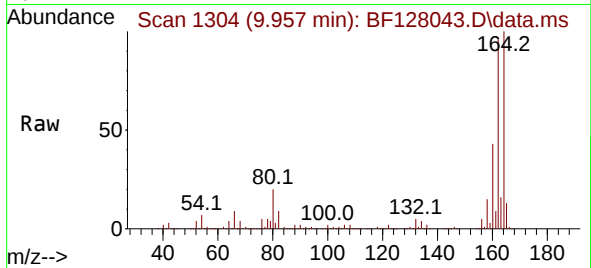




#51
2,6-Dinitrotoluene
Concen: 8.824 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128043.D
Acq: 03 May 2022 13:58

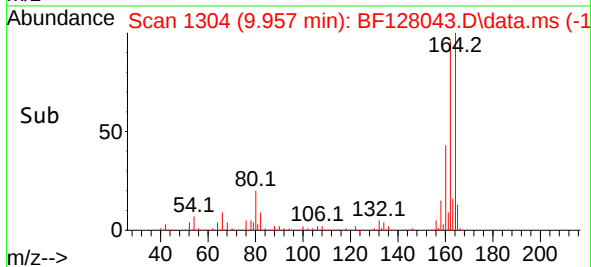
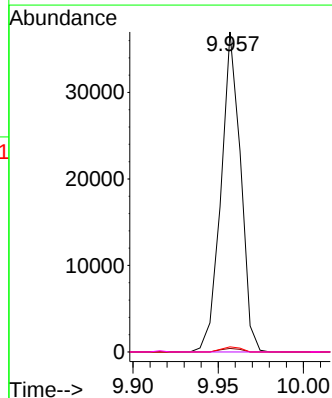
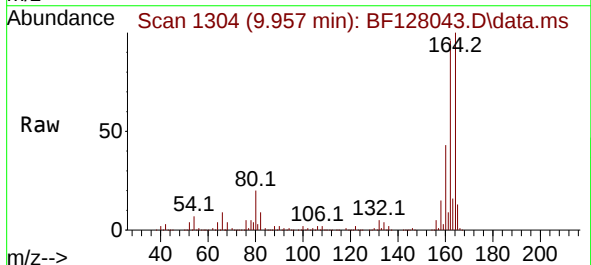
Instrument :
BNA_F
ClientSampleId :
TP-25

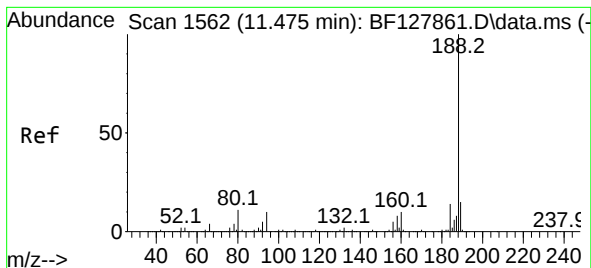
Tgt Ion:165 Resp: 29648
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.6 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.661 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF128043.D
Acq: 03 May 2022 13:58

Tgt Ion:165 Resp: 29648
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128043.D

Acq: 03 May 2022 13:58

Instrument :

BNA_F

ClientSampleId :

TP-25

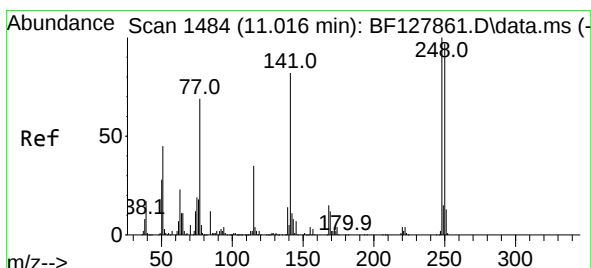
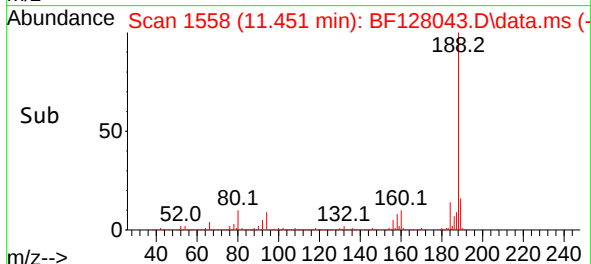
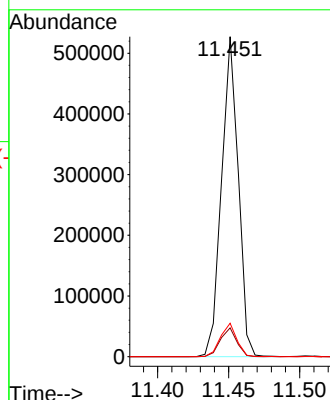
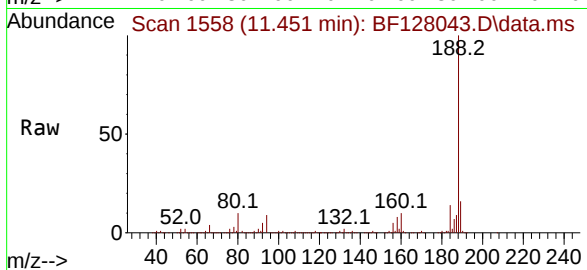
Tgt Ion:188 Resp: 431019

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

80 10.5 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 4.308 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.241 min

Lab File: BF128043.D

Acq: 03 May 2022 13:58

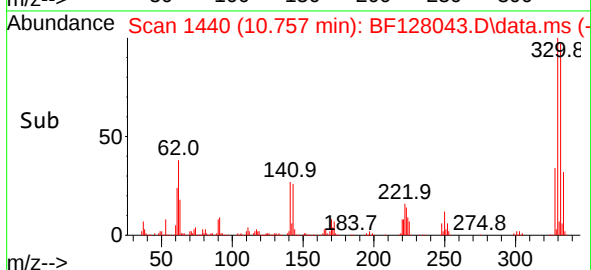
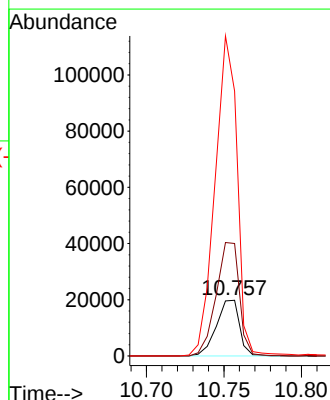
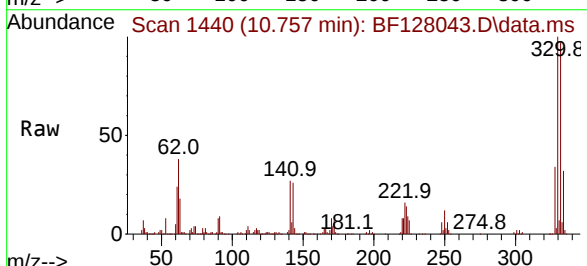
Tgt Ion:248 Resp: 20586

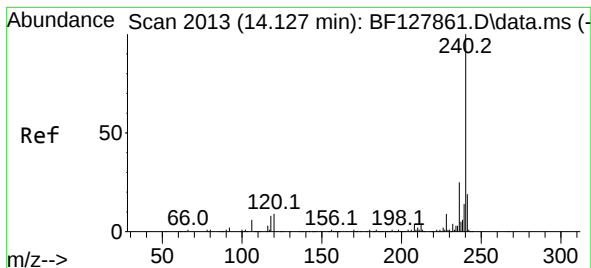
Ion Ratio Lower Upper

248 100

250 202.3 77.7 116.5#

141 475.8 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF128043.D

Acq: 03 May 2022 13:58

Instrument :

BNA_F

ClientSampleId :

TP-25

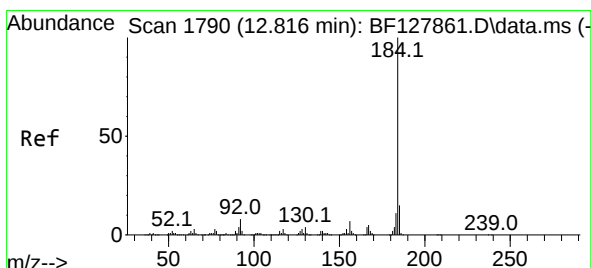
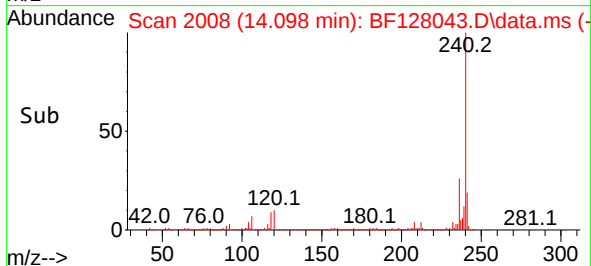
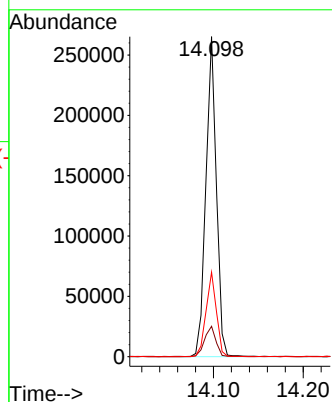
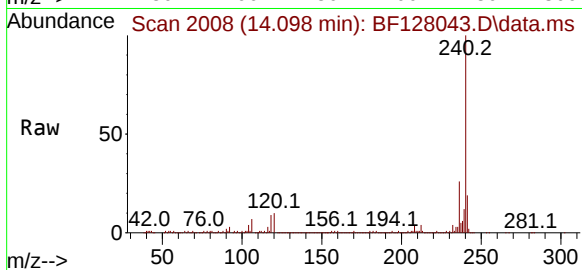
Tgt Ion:240 Resp: 215566

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.6

236 26.4 20.3 30.5



#77

Benzidine

Concen: 4.634 ng

RT: 13.039 min Scan# 1828

Delta R.T. 0.247 min

Lab File: BF128043.D

Acq: 03 May 2022 13:58

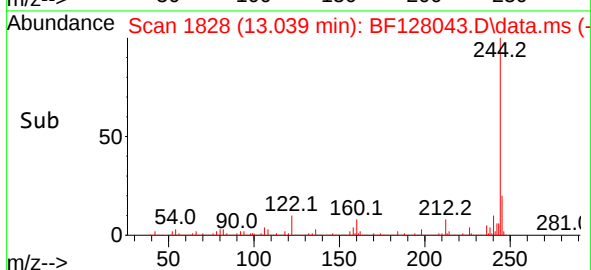
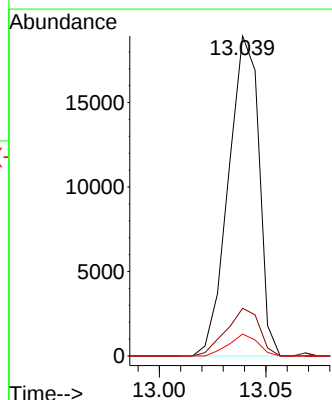
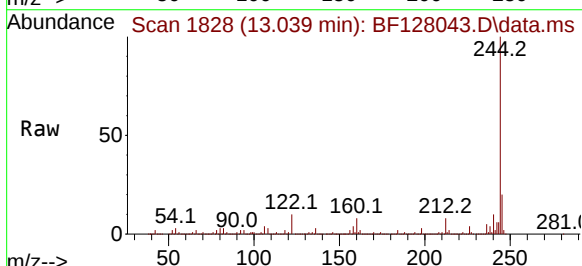
Tgt Ion:184 Resp: 18902

Ion Ratio Lower Upper

184 100

185 14.9 12.1 18.1

183 6.8 9.0 13.4#

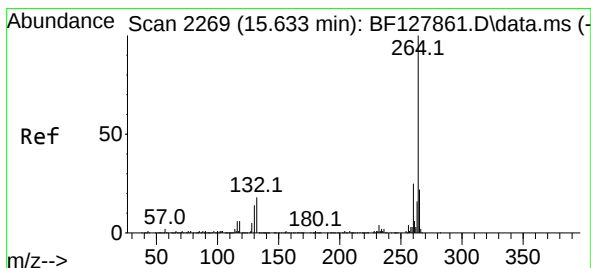
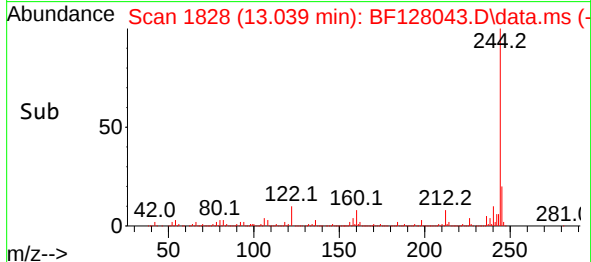
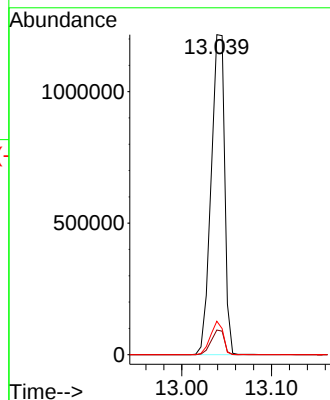
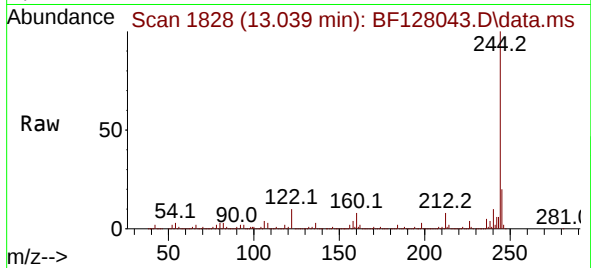




#79
 Terphenyl-d14
 Concen: 107.881 ng
 RT: 13.039 min Scan# 1828
 Delta R.T. -0.006 min
 Lab File: BF128043.D
 Acq: 03 May 2022 13:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-25

Tgt Ion:244 Resp: 1271793
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.609 min Scan# 2265
 Delta R.T. -0.000 min
 Lab File: BF128043.D
 Acq: 03 May 2022 13:58

Tgt Ion:264 Resp: 227129
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.1 30.1
 265 21.0 17.5 26.3

