

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128129.D
 Acq On : 06 May 2022 17:32
 Operator : CG\JU
 Sample : N2712-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: May 06 23:25:32 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)

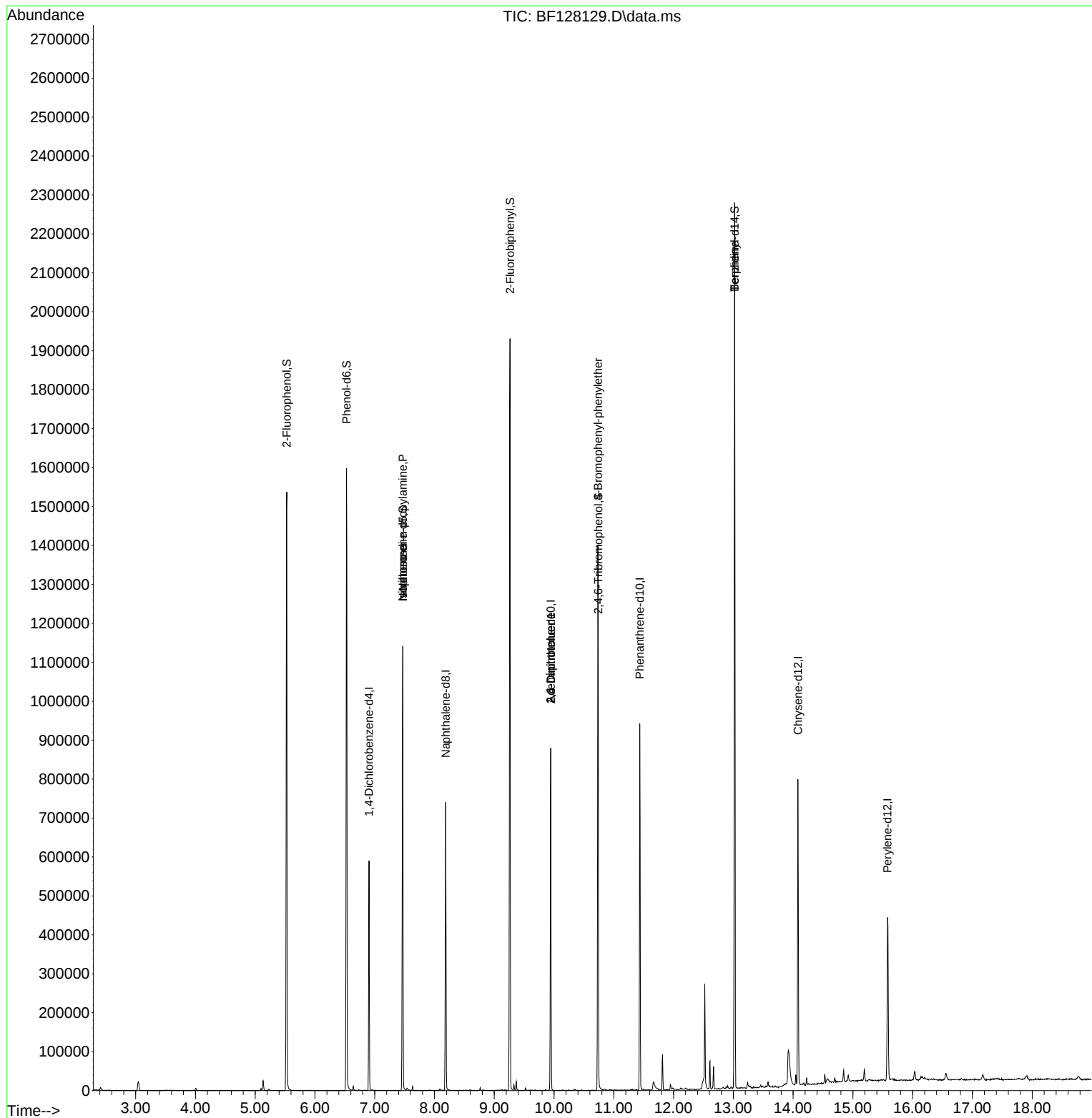
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	74265	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	292083	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	169687	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	328254	20.000	ng	-0.01
76) Chrysene-d12	14.080	240	263565	20.000	ng	-0.01
86) Perylene-d12	15.580	264	193455	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	400811	85.963	ng	0.00
7) Phenol-d6	6.528	99	532497	88.016	ng	-0.02
23) Nitrobenzene-d5	7.469	82	369126	59.428	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	160448	93.929	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	595567	59.377	ng	0.00
79) Terphenyl-d14	13.022	244	735549	51.031	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	49138	13.268	ng	# 75
25) Isophorone	7.469	82	368249	35.225	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	21526	8.736	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	21526	6.596	ng	# 25
67) 4-Bromophenyl-phenylether	10.733	248	9661	2.655	ng	# 1
77) Benzidine	13.022	184	10533	2.112	ng	# 93

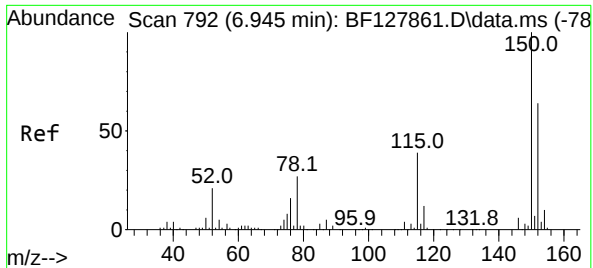
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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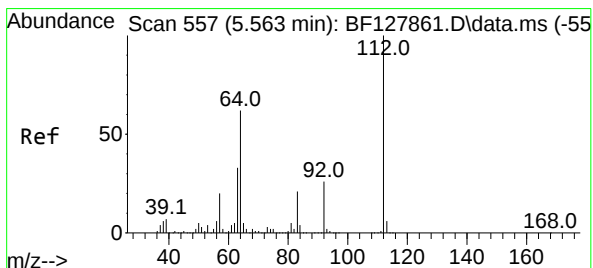
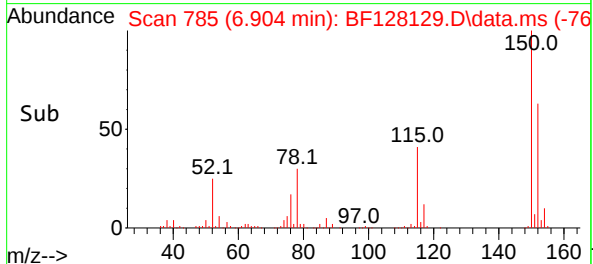
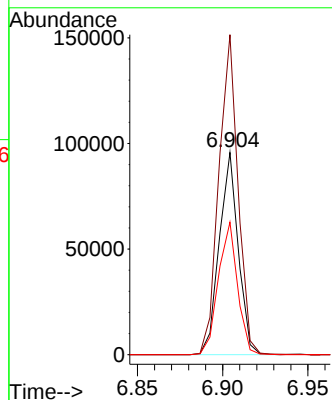
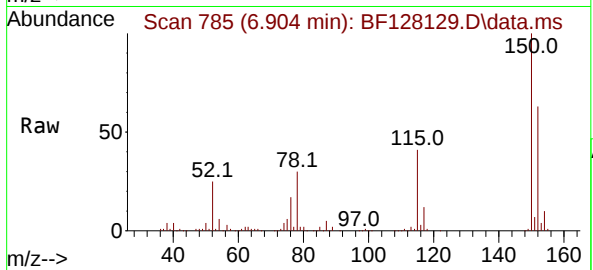




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: BF128129.D
 Acq: 06 May 2022 17:32

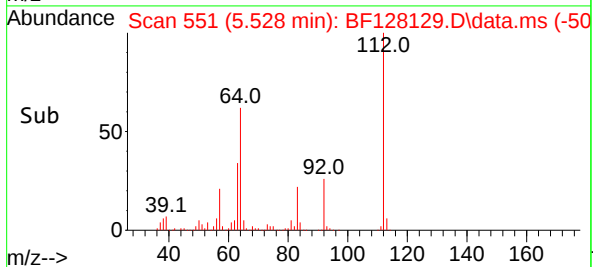
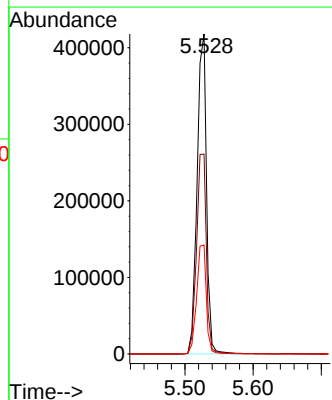
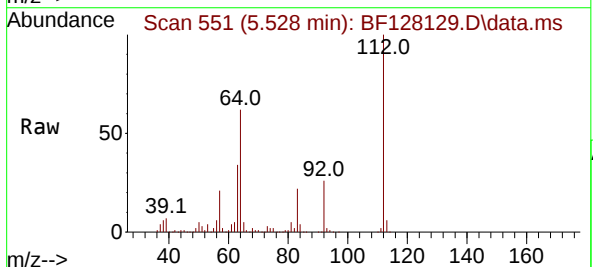
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

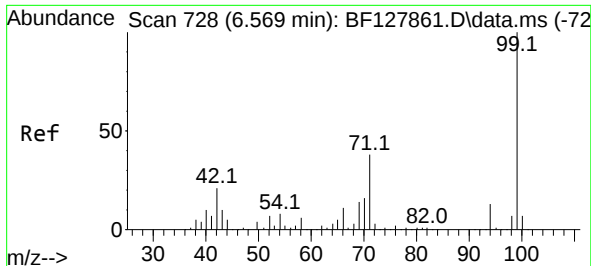
Tgt Ion:152 Resp: 74265
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.3 187.9
 115 65.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 85.963 ng
 RT: 5.528 min Scan# 551
 Delta R.T. -0.006 min
 Lab File: BF128129.D
 Acq: 06 May 2022 17:32

Tgt Ion:112 Resp: 400811
 Ion Ratio Lower Upper
 112 100
 64 62.4 49.5 74.3
 63 34.0 26.3 39.5

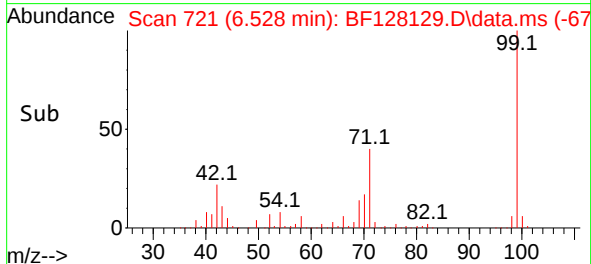
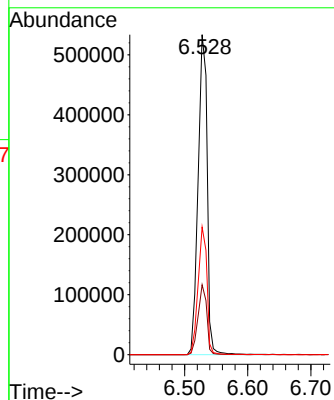
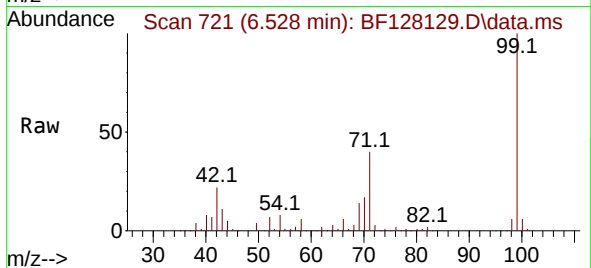




#7
Phenol-d6
Concen: 88.016 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128129.D
Acq: 06 May 2022 17:32

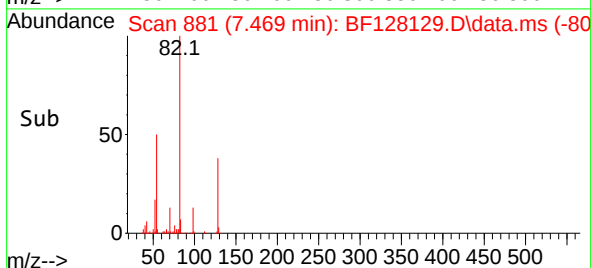
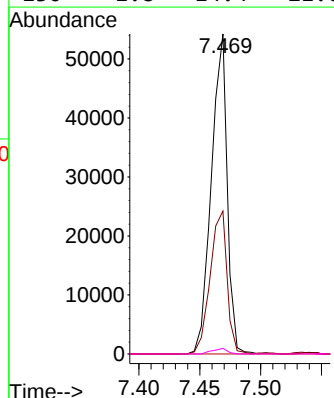
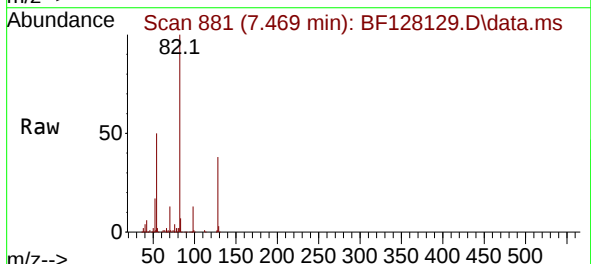
Instrument :
BNA_F
ClientSampleId :
TP-2

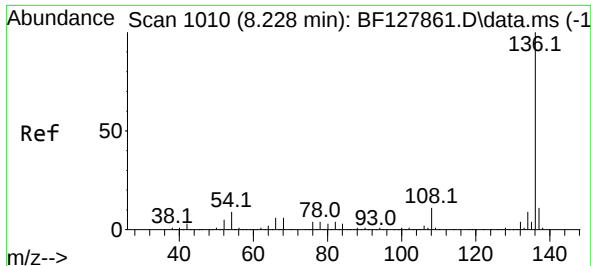
Tgt Ion: 99 Resp: 532497
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 39.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.268 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128129.D
Acq: 06 May 2022 17:32

Tgt Ion: 70 Resp: 49138
Ion Ratio Lower Upper
70 100
42 44.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

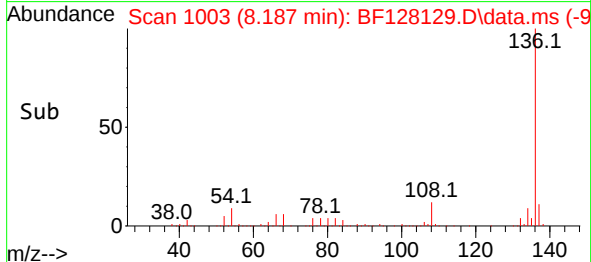
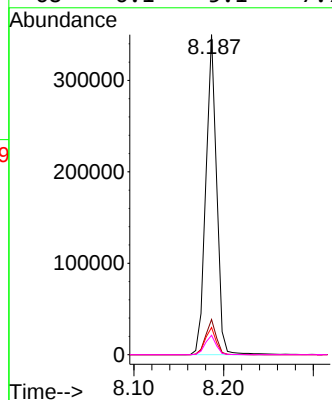
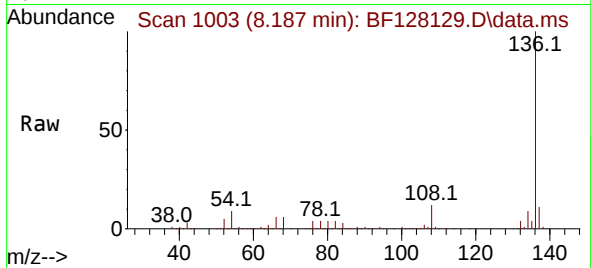




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128129.D
Acq: 06 May 2022 17:32

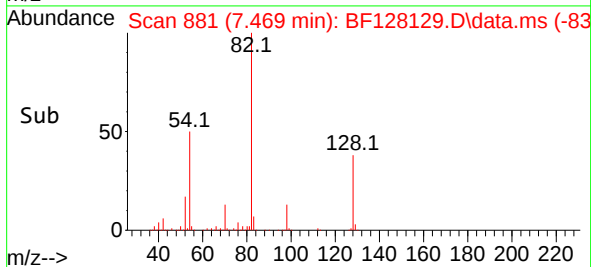
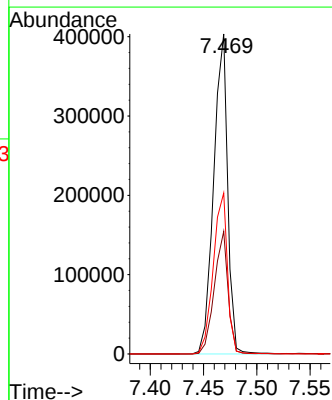
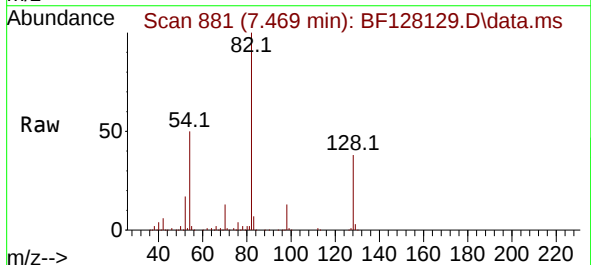
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:136	Resp: 292083
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 8.5	6.8 10.2
68 6.1	5.1 7.7



#23
Nitrobenzene-d5
Concen: 59.428 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128129.D
Acq: 06 May 2022 17:32

Tgt Ion: 82	Resp: 369126
Ion Ratio	Lower Upper
82 100	
128 38.3	30.0 45.0
54 50.3	41.3 61.9

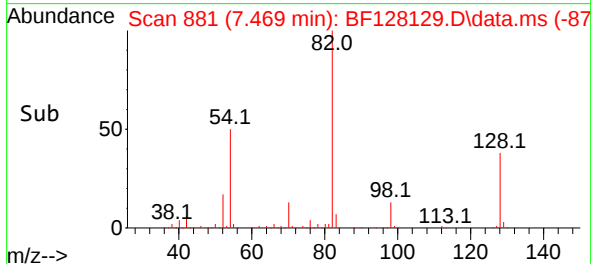
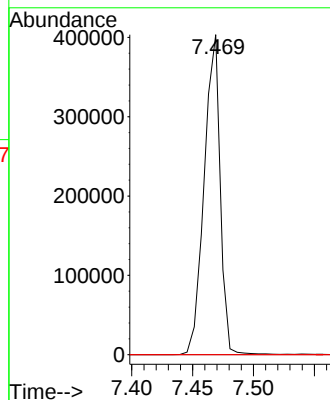
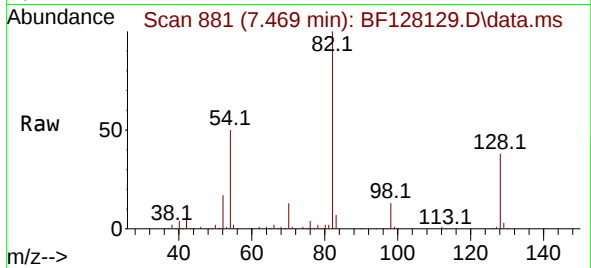




#25
Isophorone
Concen: 35.225 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128129.D
Acq: 06 May 2022 17:32

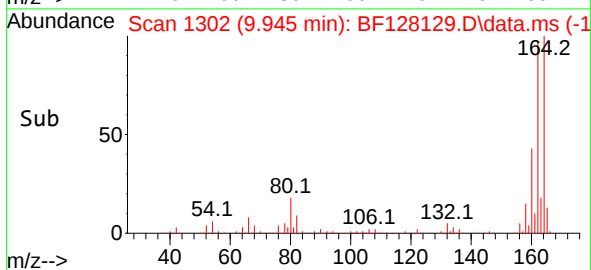
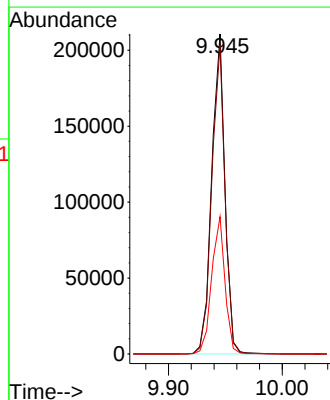
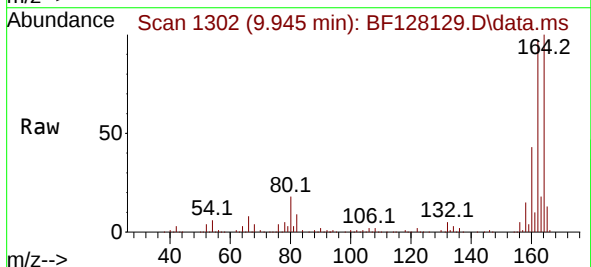
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 368249
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: BF128129.D
Acq: 06 May 2022 17:32

Tgt Ion:164 Resp: 169687
Ion Ratio Lower Upper
164 100
162 96.7 76.0 114.0
160 42.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 93.929 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128129.D

Acq: 06 May 2022 17:32

Instrument :

BNA_F

ClientSampleId :

TP-2

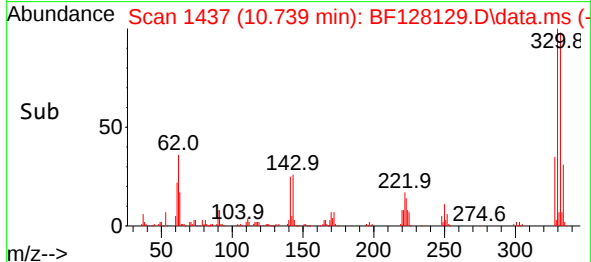
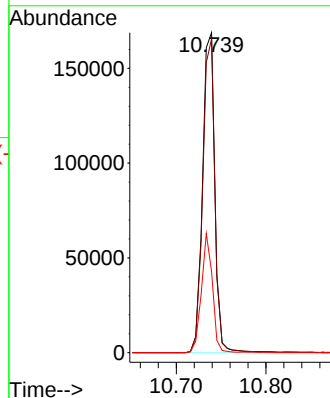
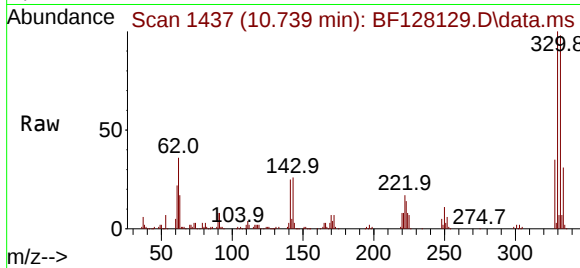
Tgt Ion:330 Resp: 160448

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

141 33.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 59.377 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128129.D

Acq: 06 May 2022 17:32

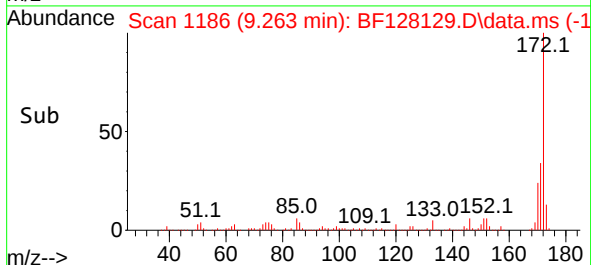
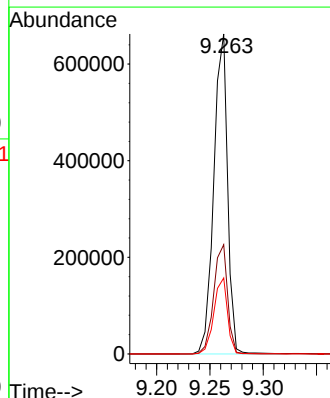
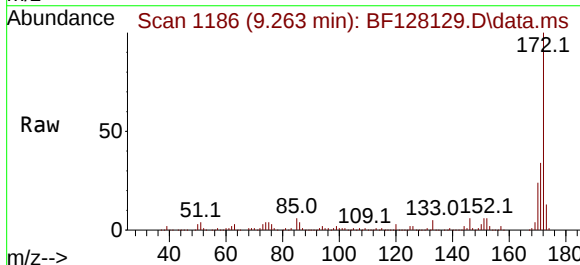
Tgt Ion:172 Resp: 595567

Ion Ratio Lower Upper

172 100

171 34.2 28.6 42.8

170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.736 ng

RT: 9.945 min Scan# 1302

Delta R.T. 0.206 min

Lab File: BF128129.D

Acq: 06 May 2022 17:32

Instrument :

BNA_F

ClientSampleId :

TP-2

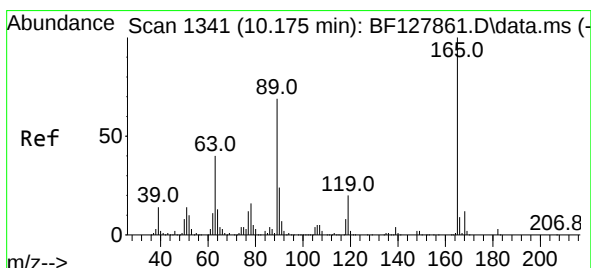
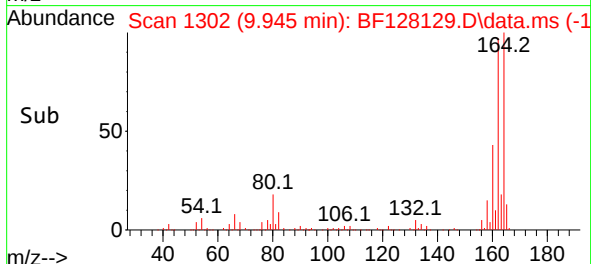
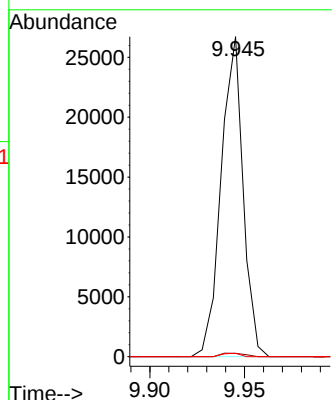
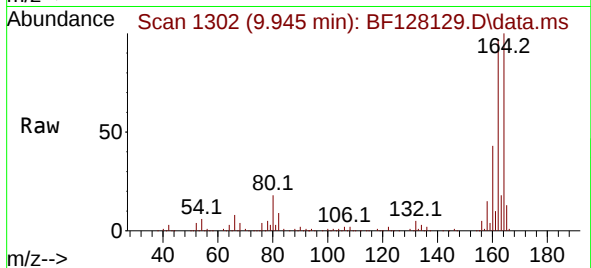
Tgt Ion:165 Resp: 21526

Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.1 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.596 ng

RT: 9.945 min Scan# 1302

Delta R.T. -0.200 min

Lab File: BF128129.D

Acq: 06 May 2022 17:32

Tgt Ion:165 Resp: 21526

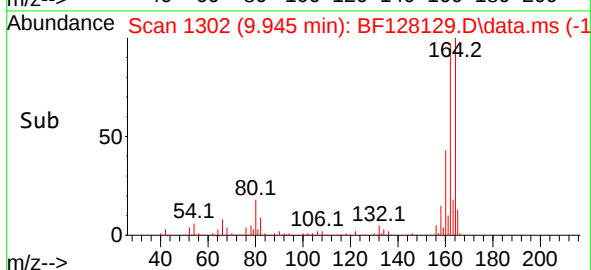
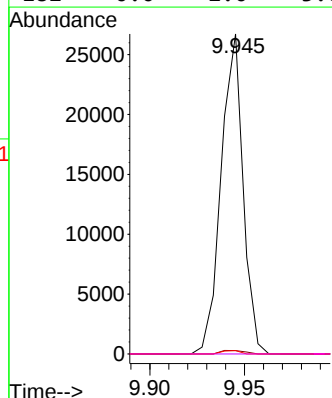
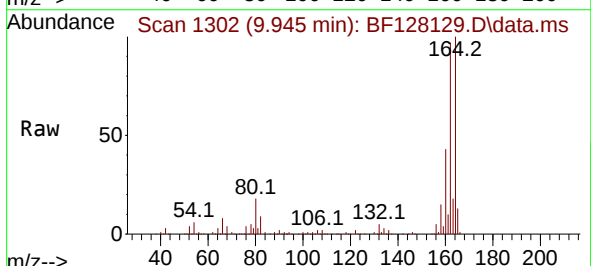
Ion Ratio Lower Upper

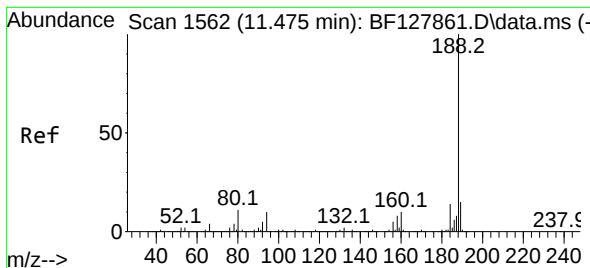
165 100

63 1.0 32.6 49.0#

89 1.1 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: BF128129.D

Acq: 06 May 2022 17:32

Instrument :

BNA_F

ClientSampleId :

TP-2

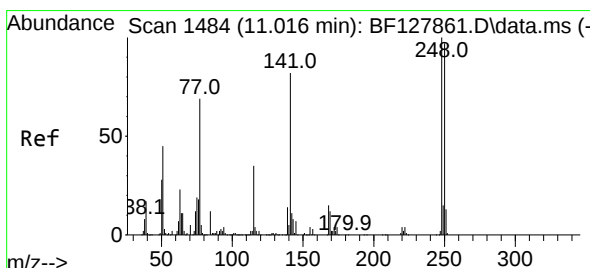
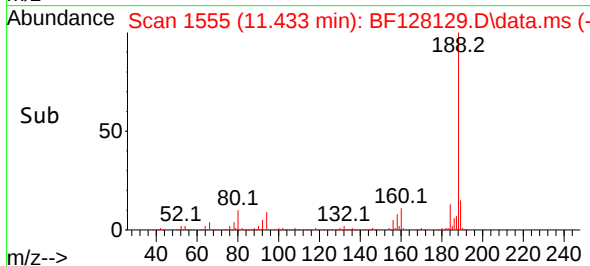
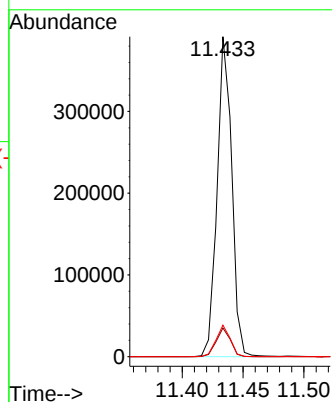
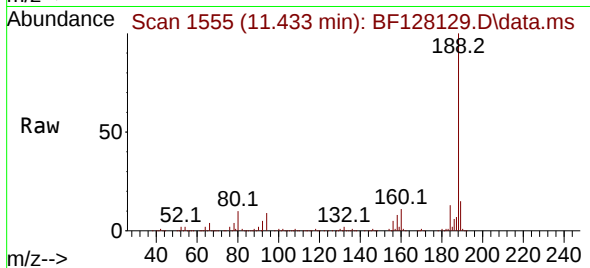
Tgt Ion:188 Resp: 328254

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

80 9.9 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 2.655 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.253 min

Lab File: BF128129.D

Acq: 06 May 2022 17:32

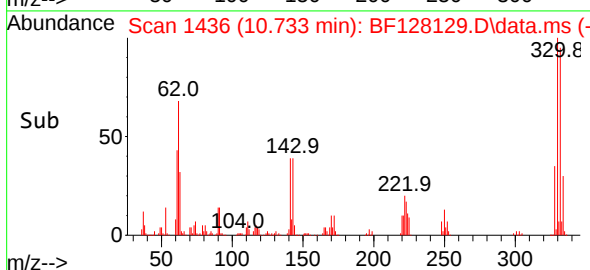
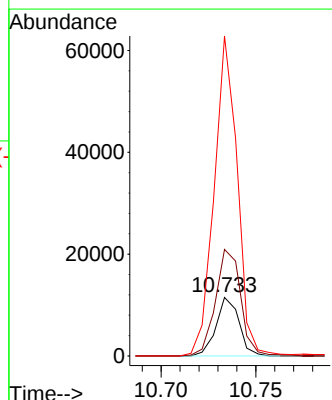
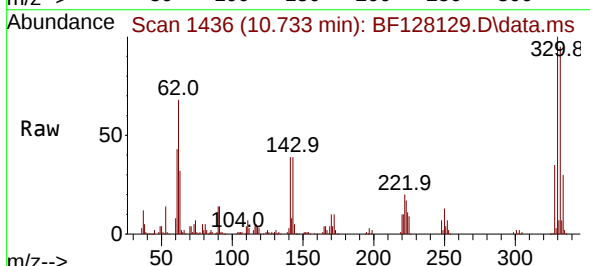
Tgt Ion:248 Resp: 9661

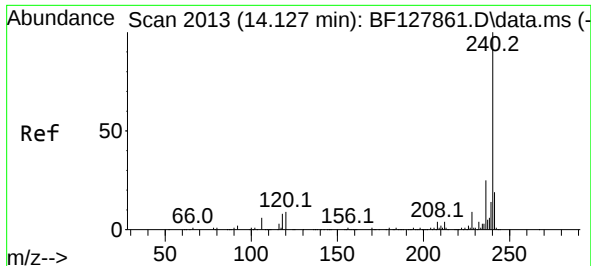
Ion Ratio Lower Upper

248 100

250 181.9 77.7 116.5#

141 546.4 65.6 98.4#

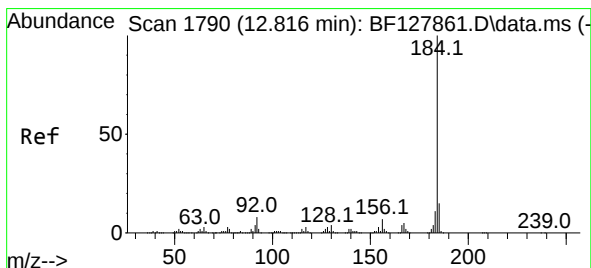
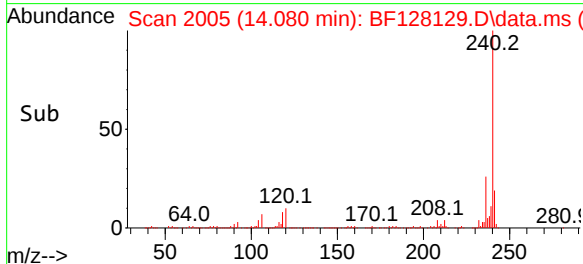
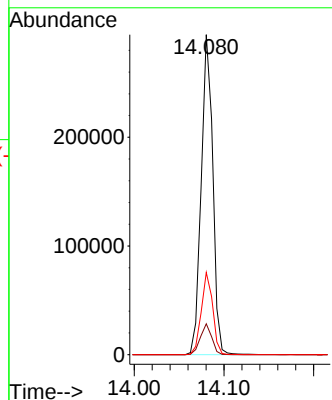
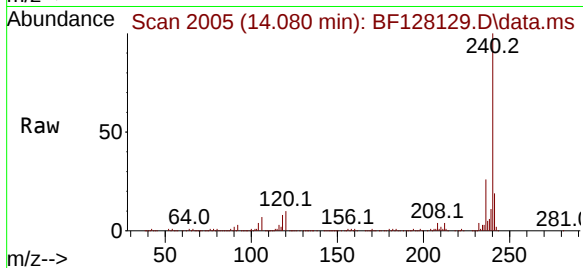




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF128129.D
Acq: 06 May 2022 17:32

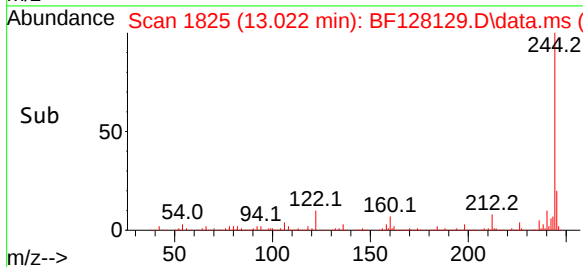
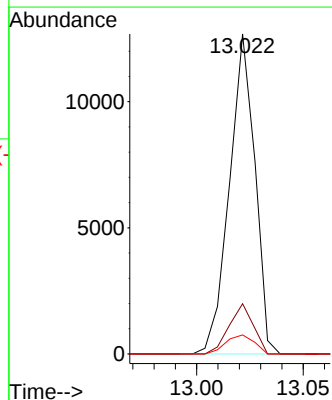
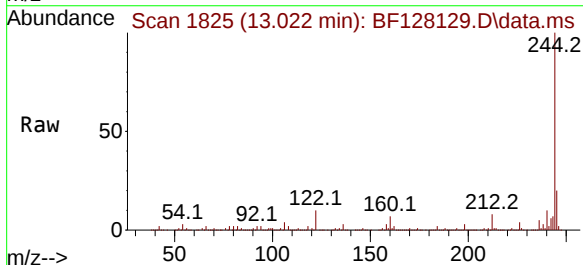
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:240 Resp: 263565
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 25.7 20.3 30.5



#77
Benzidine
Concen: 2.112 ng
RT: 13.022 min Scan# 1825
Delta R.T. 0.241 min
Lab File: BF128129.D
Acq: 06 May 2022 17:32

Tgt Ion:184 Resp: 10533
Ion Ratio Lower Upper
184 100
185 15.7 12.1 18.1
183 5.9 9.0 13.4#

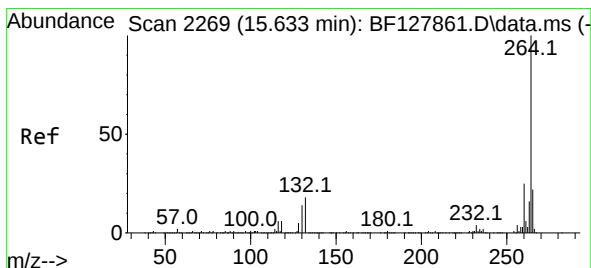
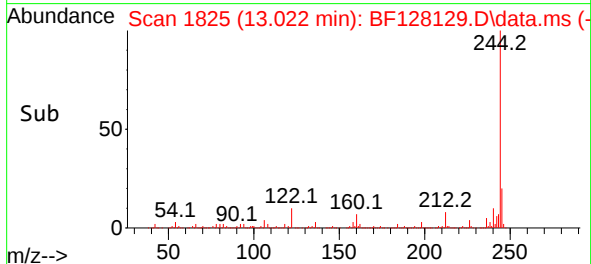
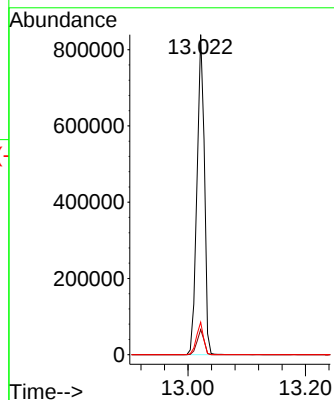
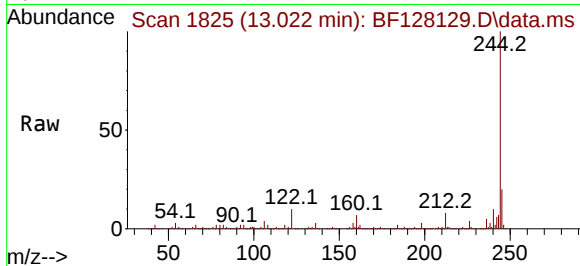




#79
 Terphenyl-d14
 Concen: 51.031 ng
 RT: 13.022 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF128129.D
 Acq: 06 May 2022 17:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 735549
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.2 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: BF128129.D
 Acq: 06 May 2022 17:32

Tgt Ion:264 Resp: 193455
 Ion Ratio Lower Upper
 264 100
 260 23.3 20.1 30.1
 265 21.5 17.5 26.3

