

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128024.D
 Acq On : 02 May 2022 14:20
 Operator : CG\JU
 Sample : N2641-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21

Quant Time: May 02 15:10:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

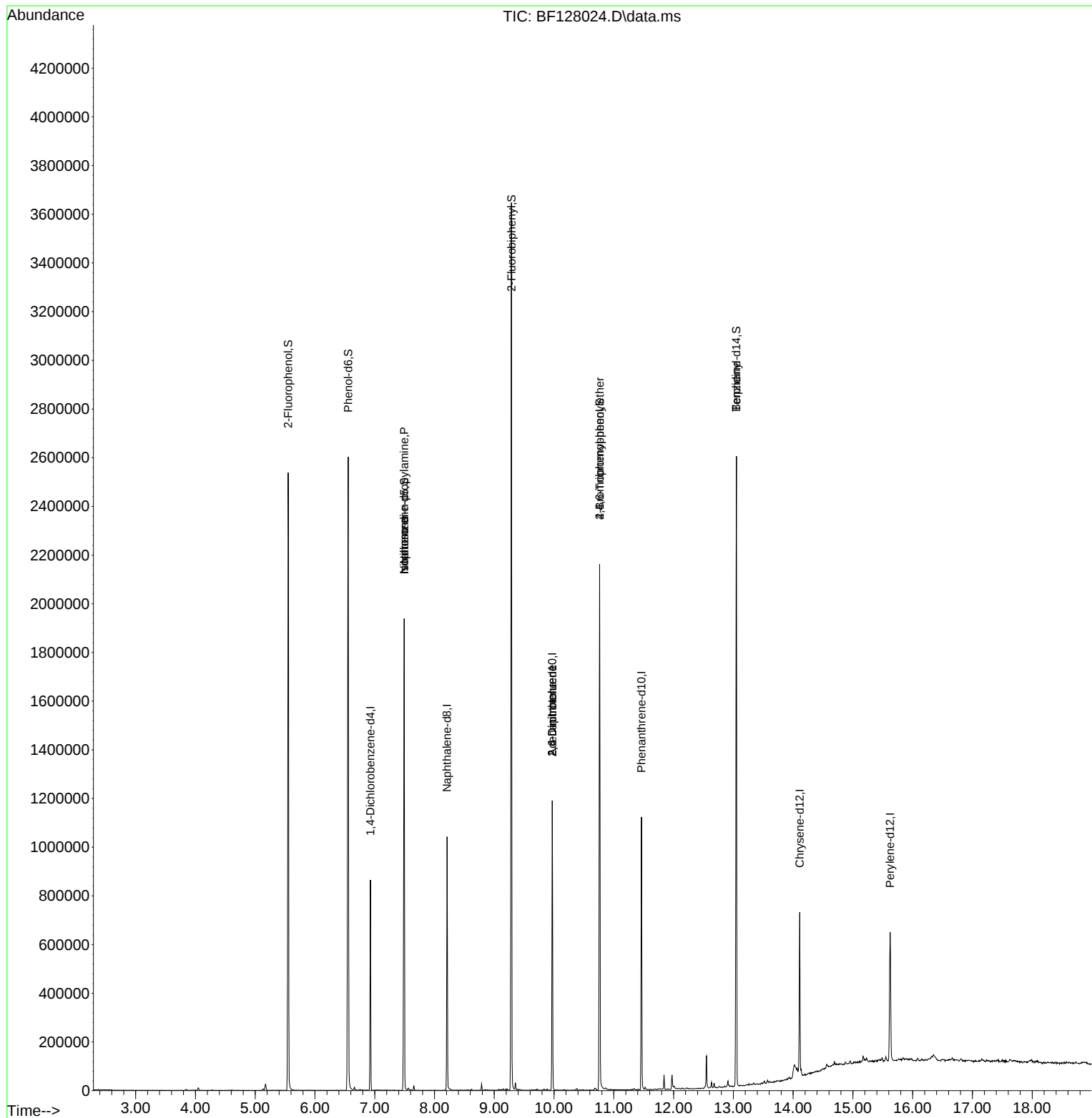
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	107449	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	407350	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	230839	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	386685	20.000	ng	0.00
76) Chrysene-d12	14.110	240	220896	20.000	ng	0.00
86) Perylene-d12	15.621	264	249515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	664729	98.537	ng	0.00
7) Phenol-d6	6.557	99	881485	100.702	ng	0.00
23) Nitrobenzene-d5	7.493	82	630490	72.783	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	239544	103.084	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1032822	75.692	ng	0.00
79) Terphenyl-d14	13.051	244	877108	72.606	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.493	70	87138	16.262	ng	# 80
25) Isophorone	7.493	82	628356	43.098	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	30050	8.965	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	30050	6.768	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	14637	3.415	ng	# 1
77) Benzidine	13.051	184	12411	2.969	ng	# 95

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

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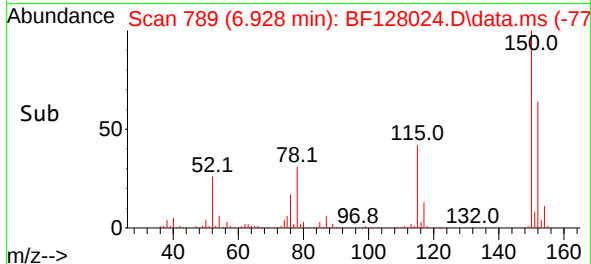
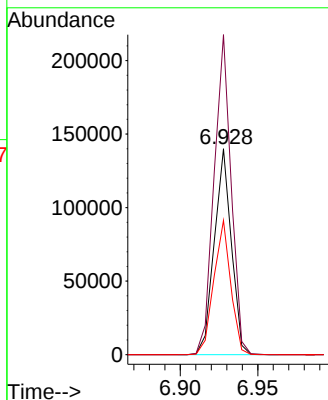
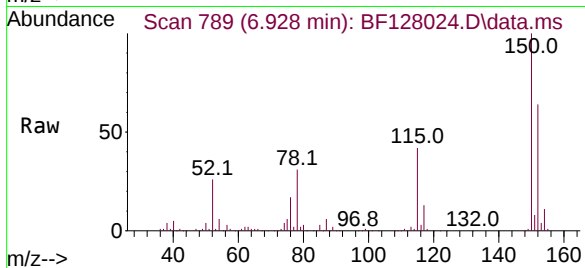




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: BF128024.D
 Acq: 02 May 2022 14:20

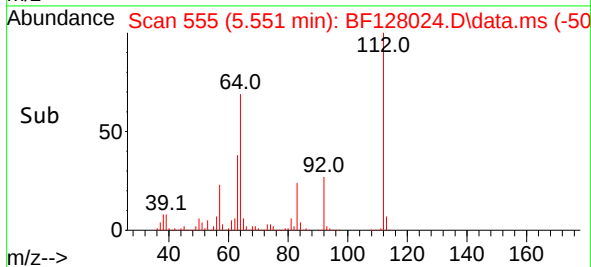
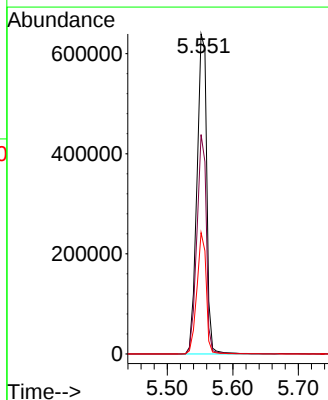
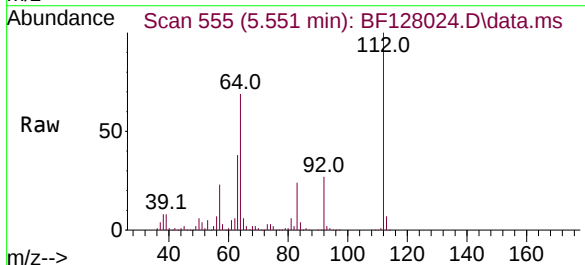
Instrument :
 BNA_F
 ClientSampleId :
 TP-21

Tgt Ion:152 Resp: 107449
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.3 187.9
 115 65.2 48.8 73.2



#5
 2-Fluorophenol
 Concen: 98.537 ng
 RT: 5.551 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF128024.D
 Acq: 02 May 2022 14:20

Tgt Ion:112 Resp: 664729
 Ion Ratio Lower Upper
 112 100
 64 68.6 49.5 74.3
 63 37.9 26.3 39.5

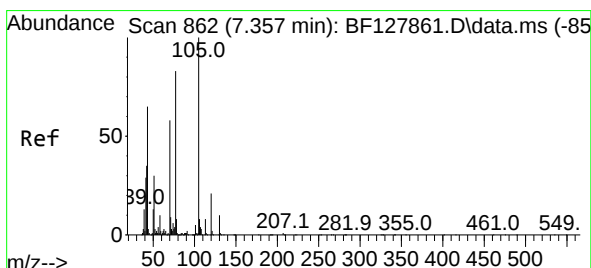
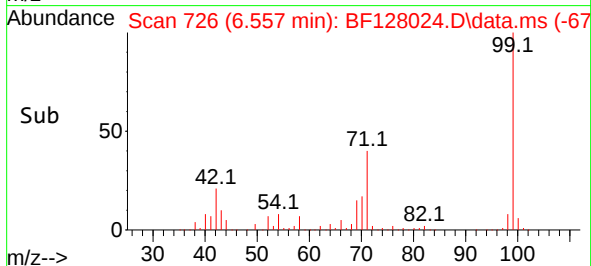
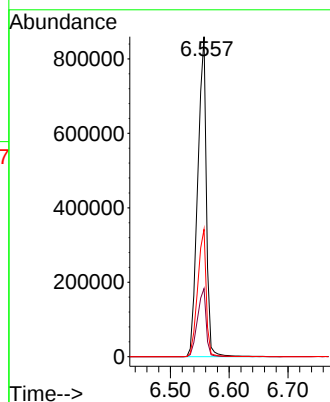
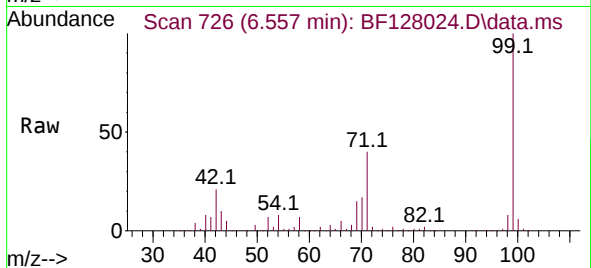




#7
Phenol-d6
Concen: 100.702 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

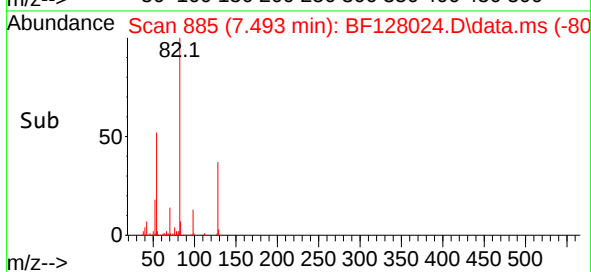
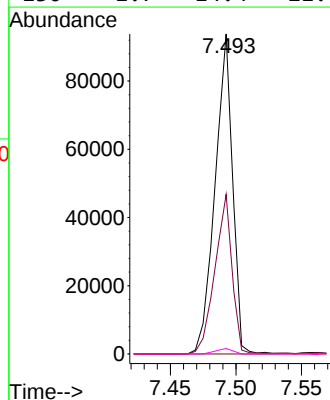
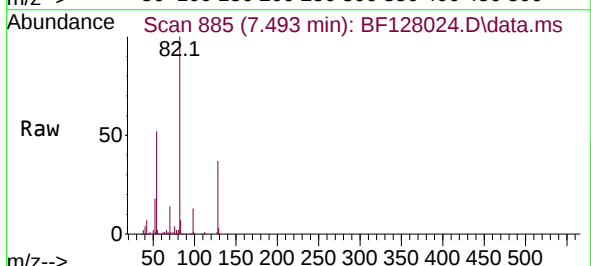
Instrument :
BNA_F
ClientSampleId :
TP-21

Tgt Ion: 99 Resp: 881485
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 39.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.262 ng
RT: 7.493 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

Tgt Ion: 70 Resp: 87138
Ion Ratio Lower Upper
70 100
42 49.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

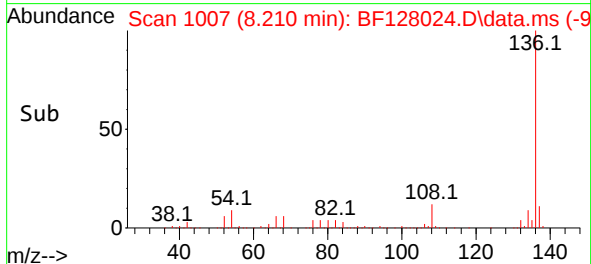
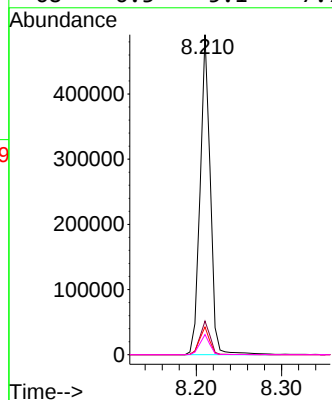
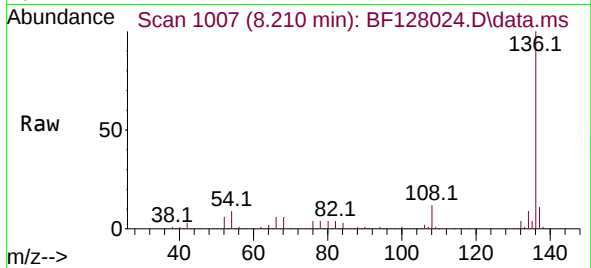




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

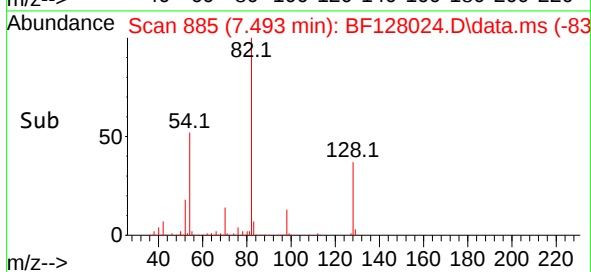
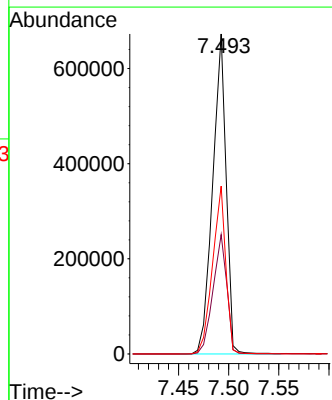
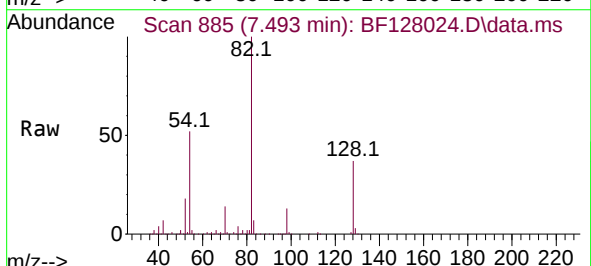
Instrument :
BNA_F
ClientSampleId :
TP-21

Tgt Ion:	136	Resp:	407350
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.7	6.8	10.2
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 72.783 ng
RT: 7.493 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

Tgt Ion:	82	Resp:	630490
Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.0	45.0
54	52.4	41.3	61.9

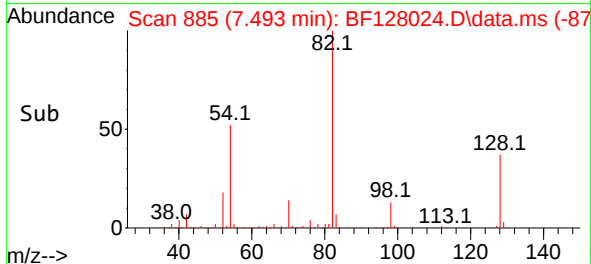
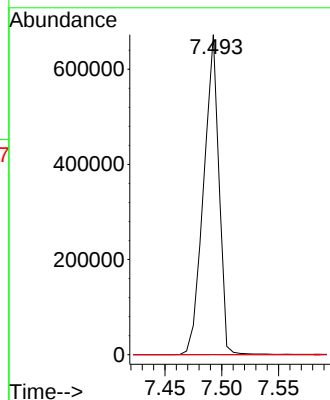
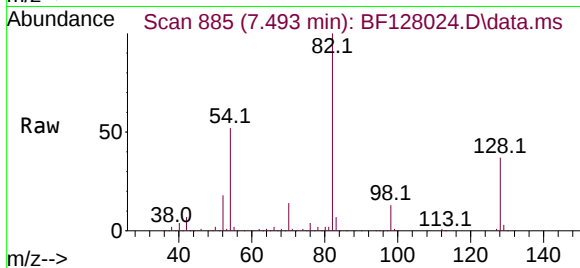




#25
Isophorone
Concen: 43.098 ng
RT: 7.493 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

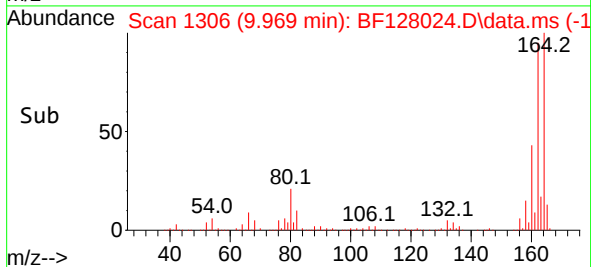
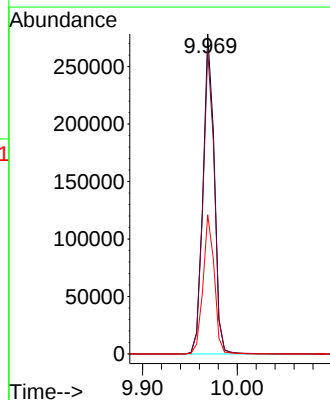
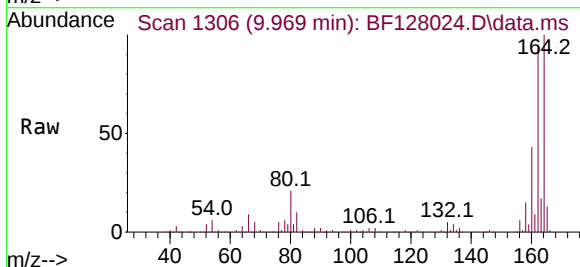
Instrument :
BNA_F
ClientSampleId :
TP-21

Tgt Ion: 82 Resp: 628356
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: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

Tgt Ion:164 Resp: 230839
Ion Ratio Lower Upper
164 100
162 94.9 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 103.084 ng

RT: 10.763 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128024.D

Acq: 02 May 2022 14:20

Instrument :

BNA_F

ClientSampleId :

TP-21

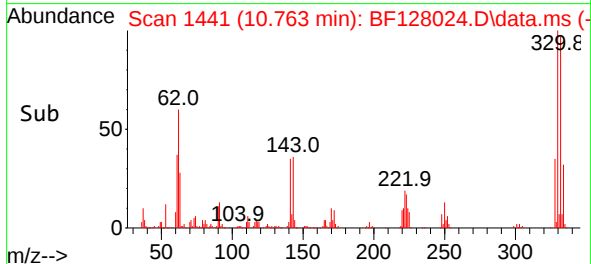
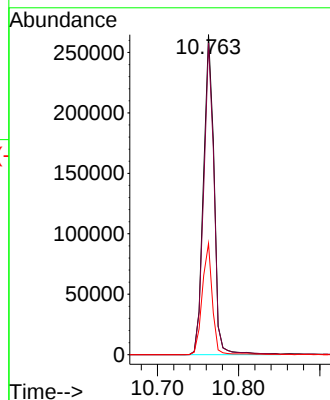
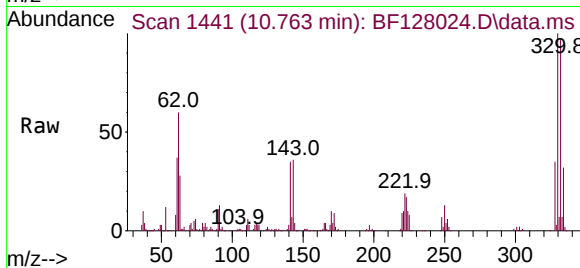
Tgt Ion:330 Resp: 239544

Ion Ratio Lower Upper

330 100

332 95.7 79.0 118.4

141 33.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 75.692 ng

RT: 9.287 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF128024.D

Acq: 02 May 2022 14:20

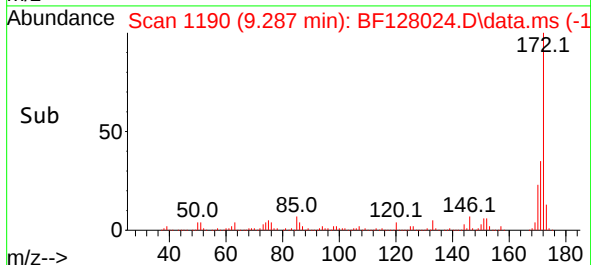
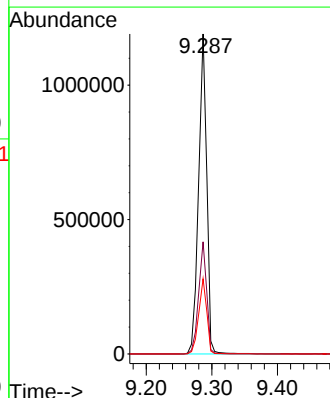
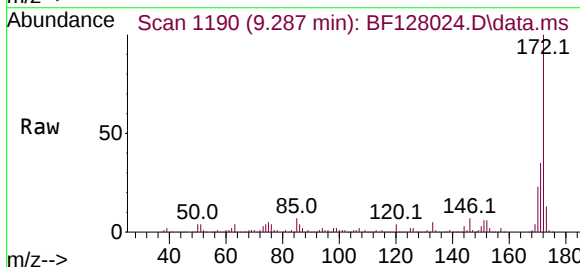
Tgt Ion:172 Resp: 1032822

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.5 19.1 28.7

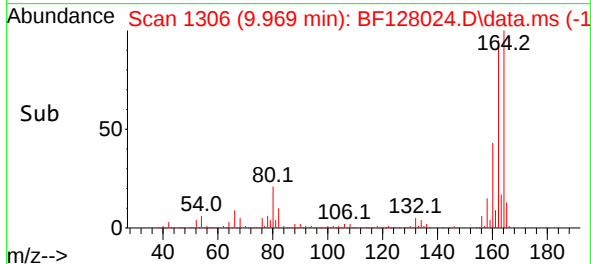
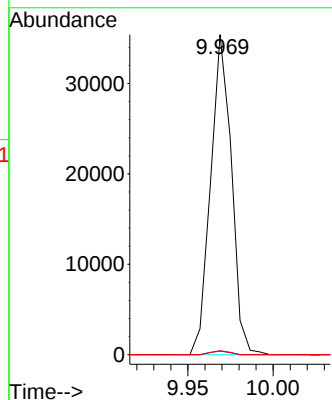
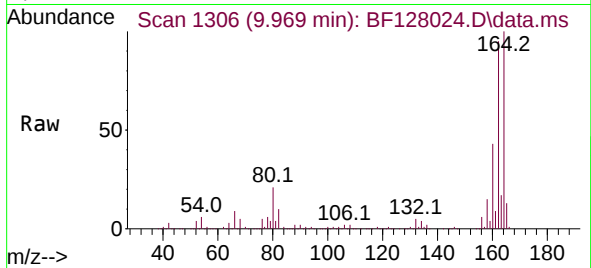




#51
2,6-Dinitrotoluene
Concen: 8.965 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

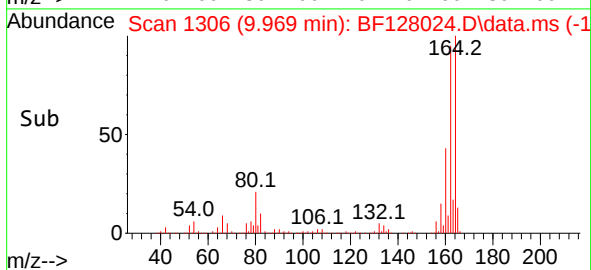
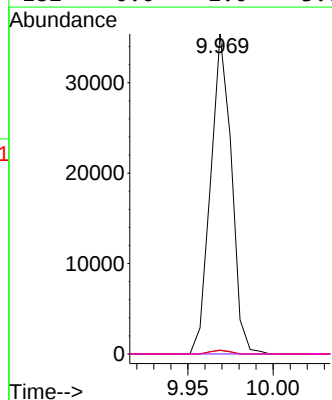
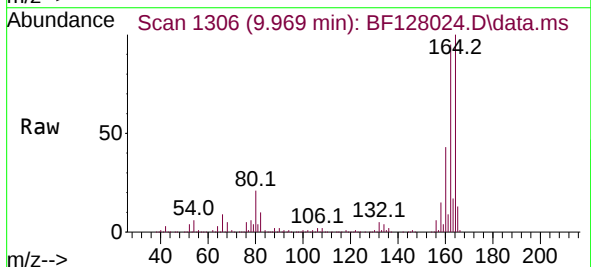
Instrument :
BNA_F
ClientSampleId :
TP-21

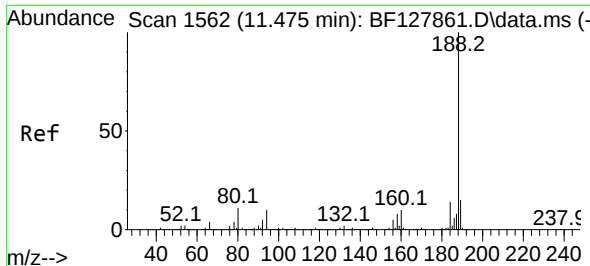
Tgt Ion:165 Resp: 30050
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.768 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

Tgt Ion:165 Resp: 30050
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

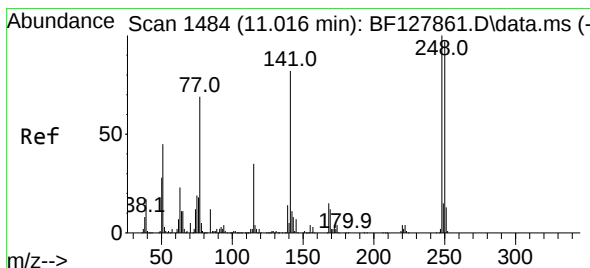
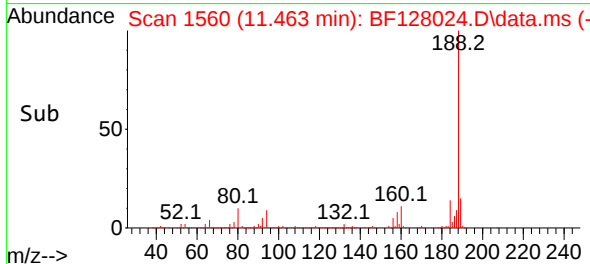
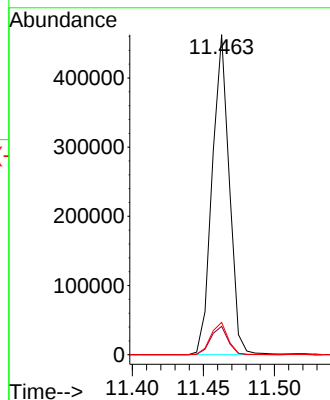
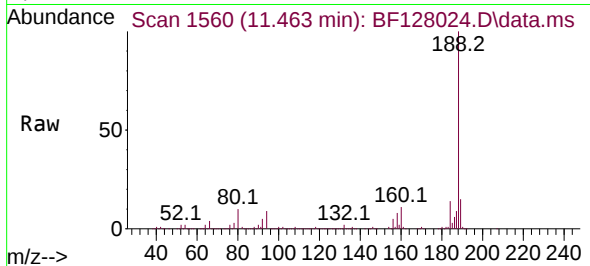




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

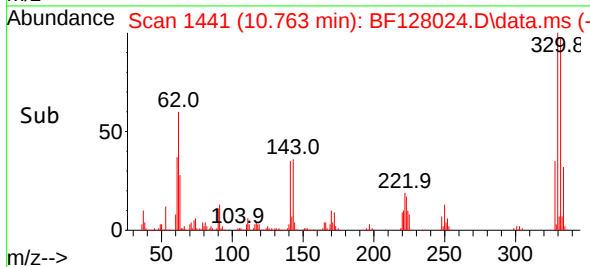
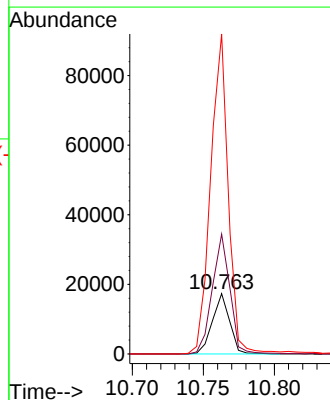
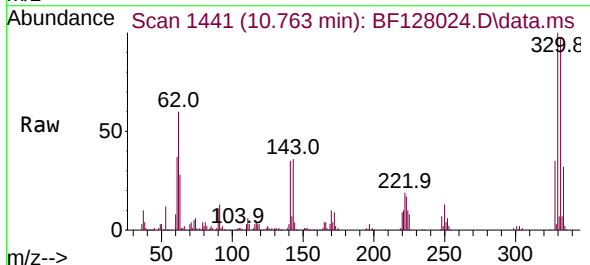
Instrument :
BNA_F
ClientSampleId :
TP-21

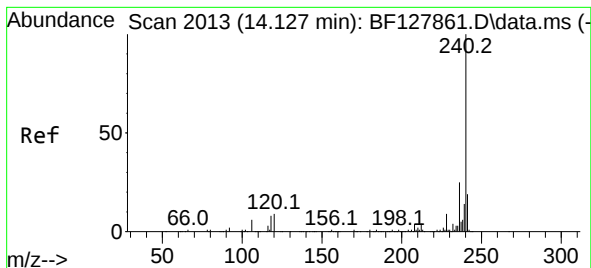
Tgt Ion:188 Resp: 386685
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 10.1 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.415 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF128024.D
Acq: 02 May 2022 14:20

Tgt Ion:248 Resp: 14637
Ion Ratio Lower Upper
248 100
250 198.5 77.7 116.5#
141 529.8 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF128024.D

Acq: 02 May 2022 14:20

Instrument :

BNA_F

ClientSampleId :

TP-21

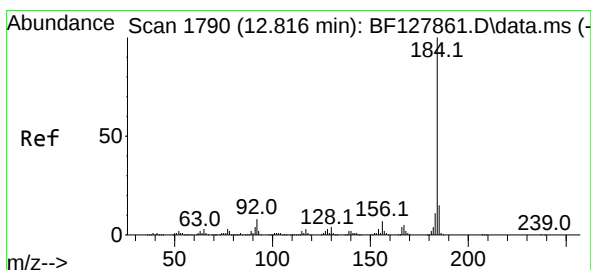
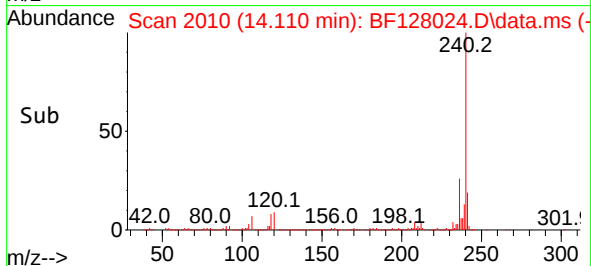
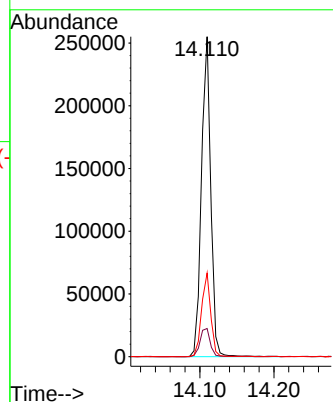
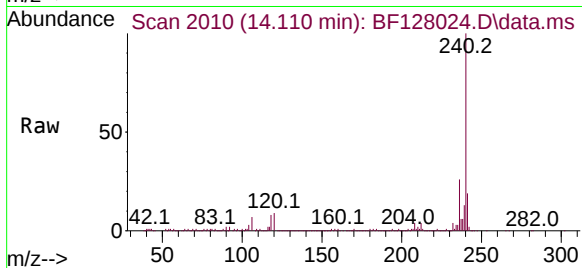
Tgt Ion:240 Resp: 220896

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

236 26.2 20.3 30.5



#77

Benzidine

Concen: 2.969 ng

RT: 13.051 min Scan# 1830

Delta R.T. 0.247 min

Lab File: BF128024.D

Acq: 02 May 2022 14:20

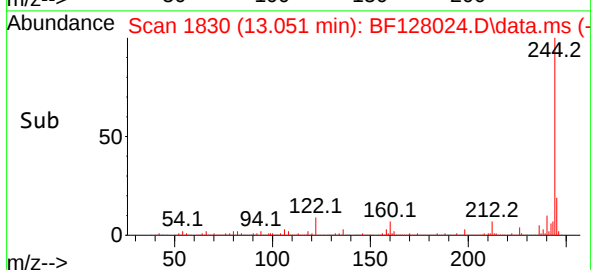
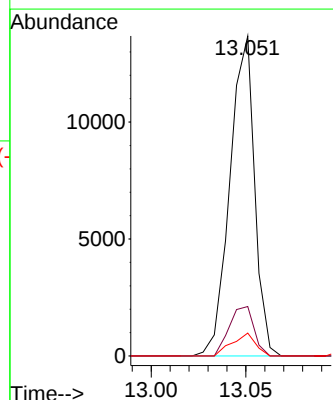
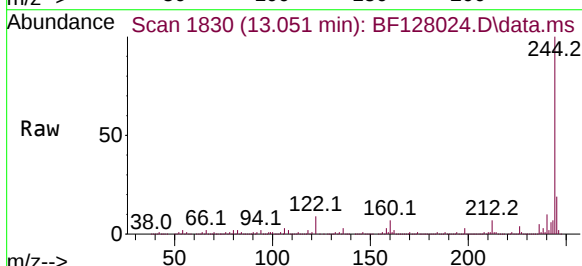
Tgt Ion:184 Resp: 12411

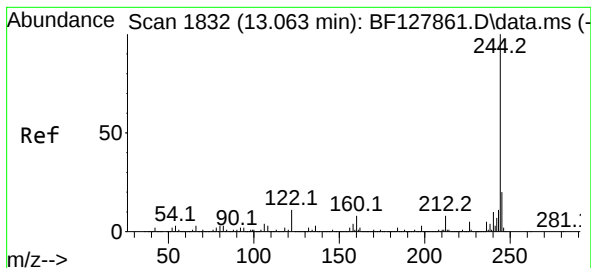
Ion Ratio Lower Upper

184 100

185 15.5 12.1 18.1

183 7.1 9.0 13.4#





#79

Terphenyl-d14

Concen: 72.606 ng

RT: 13.051 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF128024.D

Acq: 02 May 2022 14:20

Instrument :

BNA_F

ClientSampleId :

TP-21

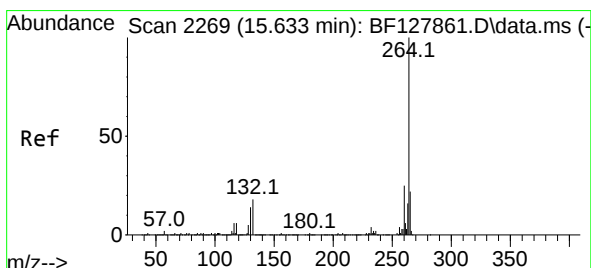
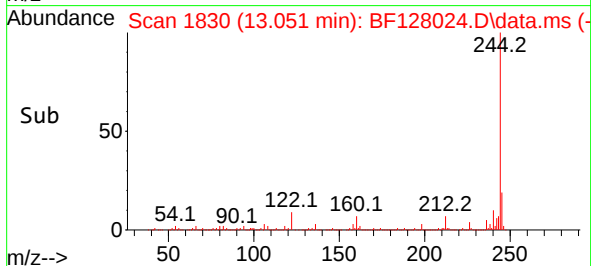
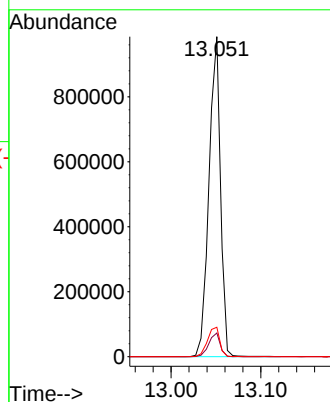
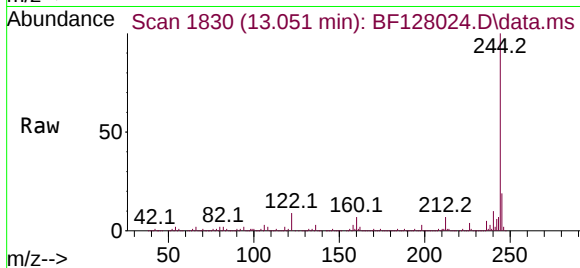
Tgt Ion:244 Resp: 877108

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 9.2 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BF128024.D

Acq: 02 May 2022 14:20

Tgt Ion:264 Resp: 249515

Ion Ratio Lower Upper

264 100

260 24.6 20.1 30.1

265 21.4 17.5 26.3

