

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128030.D
 Acq On : 02 May 2022 17:12
 Operator : CG\JU
 Sample : N2619-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04-14-15-FT

Quant Time: May 02 18:34:00 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)

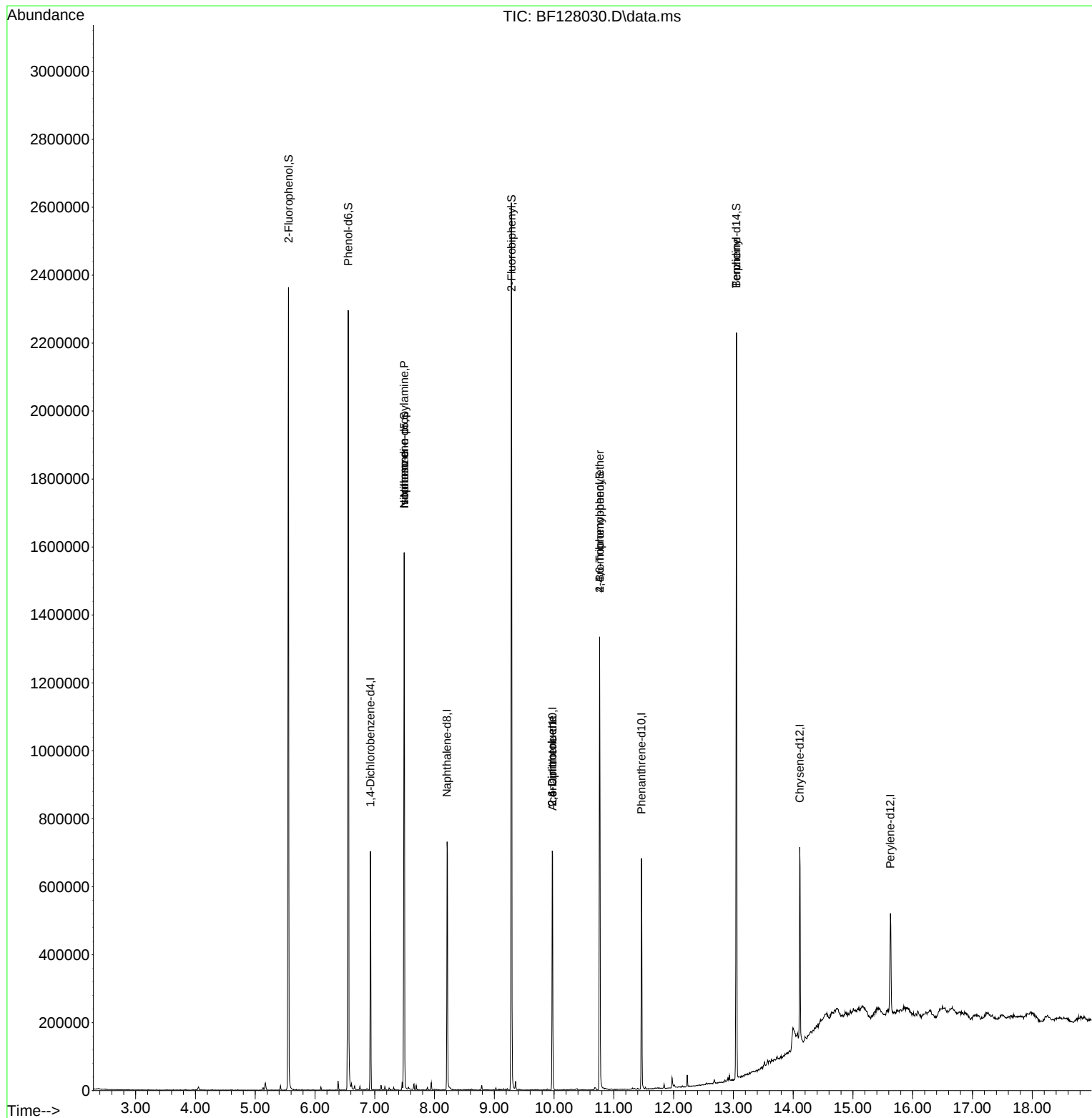
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	90035	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	325994	20.000	ng	0.00
39) Acenaphthene-d10	9.974	164	155616	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	238215	20.000	ng	0.00
76) Chrysene-d12	14.110	240	199793	20.000	ng	0.00
86) Perylene-d12	15.627	264	142729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	572642	101.304	ng	0.00
7) Phenol-d6	6.557	99	743548	101.373	ng	0.00
23) Nitrobenzene-d5	7.492	82	504197	72.730	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	142900	91.220	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	757201	82.317	ng	0.00
79) Terphenyl-d14	13.051	244	663407	60.717	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	67530	15.040	ng	# 80
25) Isophorone	7.492	82	504192	43.212	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	20429	9.041	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	20429	6.825	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	9126	3.456	ng	# 1
77) Benzidine	13.051	184	9668	2.557	ng	# 92

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

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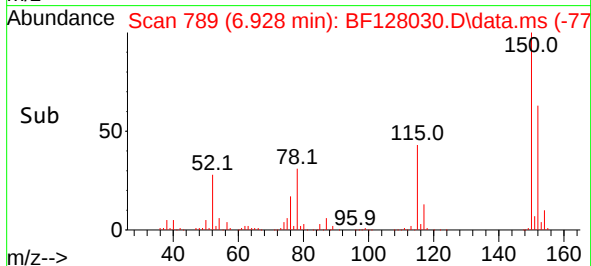
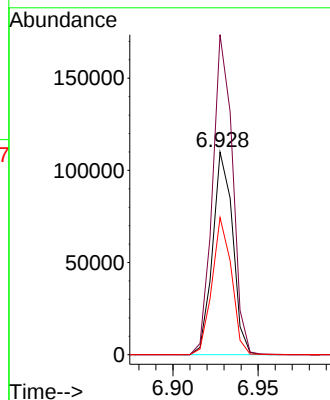
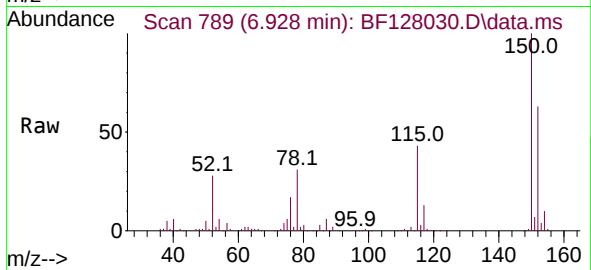




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128030.D
Acq: 02 May 2022 17:12

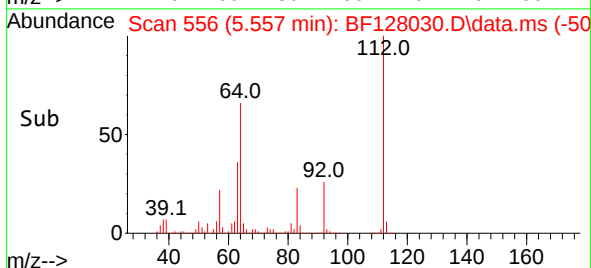
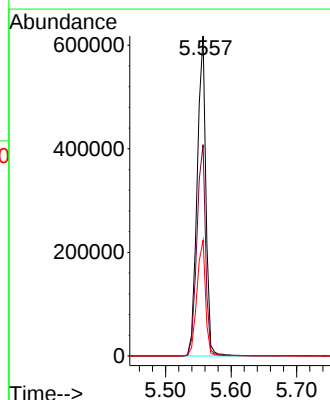
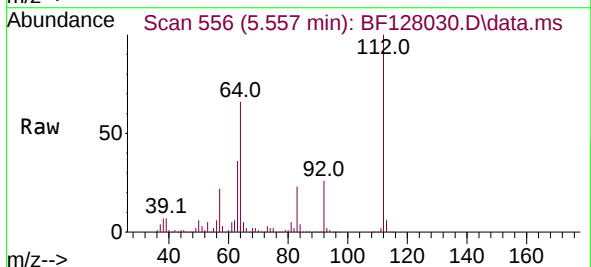
Instrument :
BNA_F
ClientSampleId :
SB04-14-15-FT

Tgt Ion:152 Resp: 90035
Ion Ratio Lower Upper
152 100
150 158.0 125.3 187.9
115 67.7 48.8 73.2



#5
2-Fluorophenol
Concen: 101.304 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF128030.D
Acq: 02 May 2022 17:12

Tgt Ion:112 Resp: 572642
Ion Ratio Lower Upper
112 100
64 66.1 49.5 74.3
63 36.1 26.3 39.5

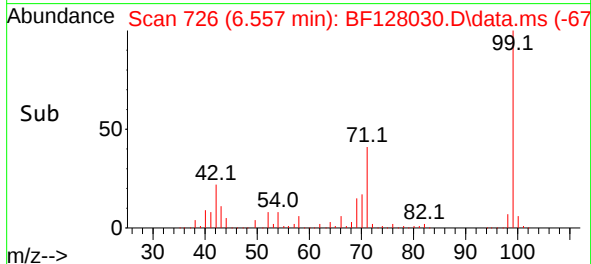
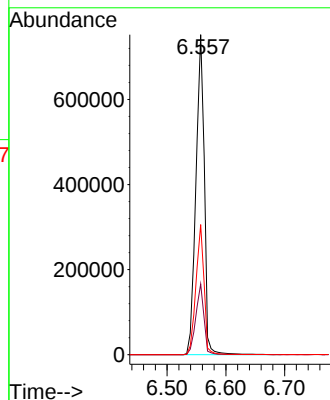
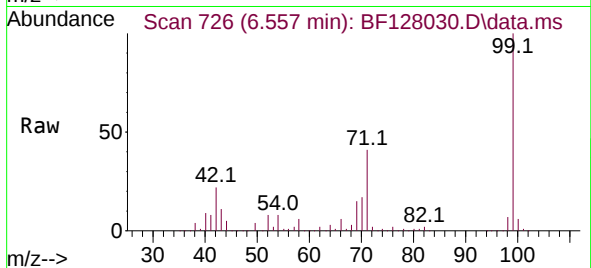




#7
Phenol-d6
Concen: 101.373 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128030.D
Acq: 02 May 2022 17:12

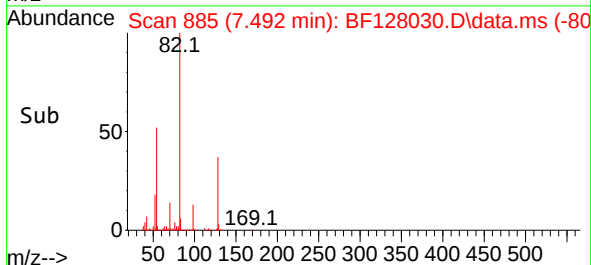
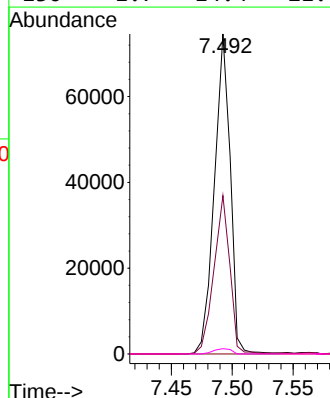
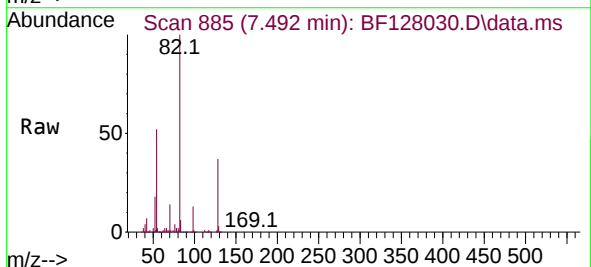
Instrument :
BNA_F
ClientSampleId :
SB04-14-15-FT

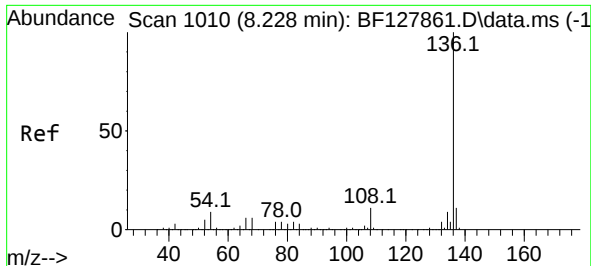
Tgt Ion: 99 Resp: 743548
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 40.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.040 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF128030.D
Acq: 02 May 2022 17:12

Tgt Ion: 70 Resp: 67530
Ion Ratio Lower Upper
70 100
42 49.5 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

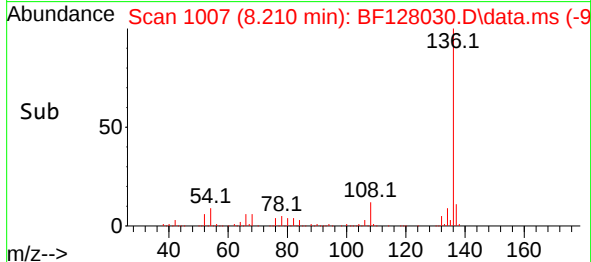
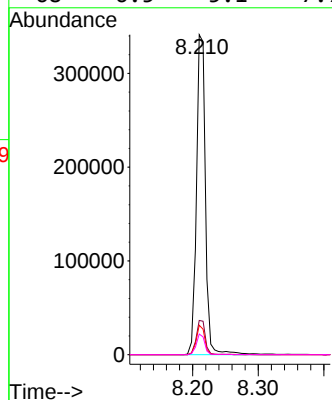
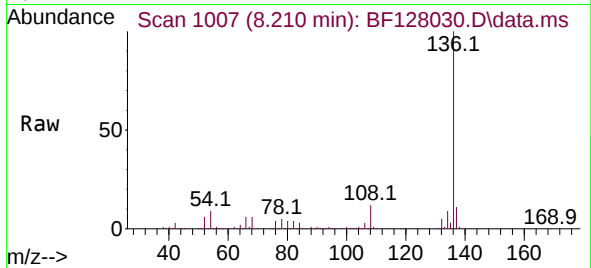




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128030.D
Acq: 02 May 2022 17:12

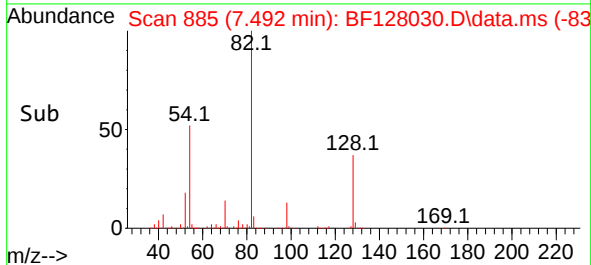
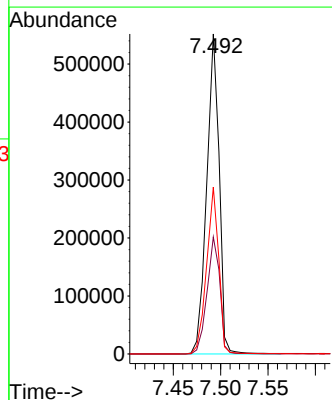
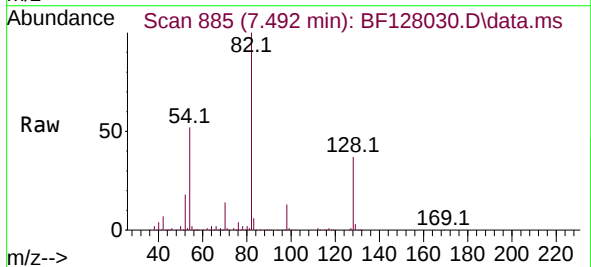
Instrument :
BNA_F
ClientSampleId :
SB04-14-15-FT

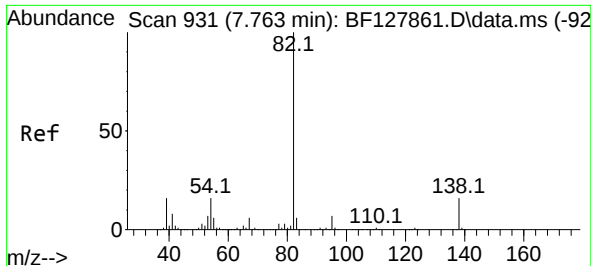
Tgt Ion:	136	Resp:	325994
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.2	6.8	10.2
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 72.730 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF128030.D
Acq: 02 May 2022 17:12

Tgt Ion:	82	Resp:	504197
Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.0	45.0
54	52.2	41.3	61.9

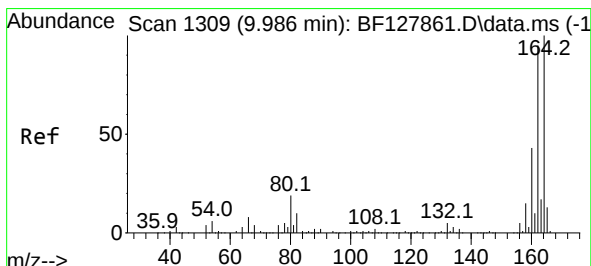
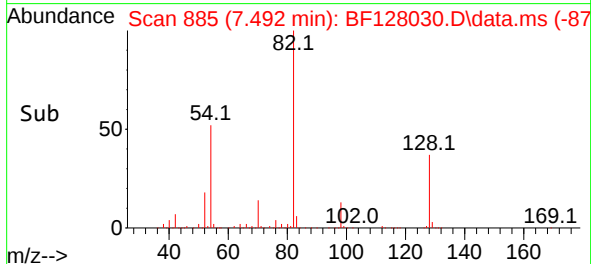
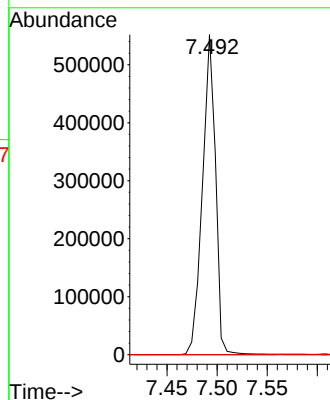
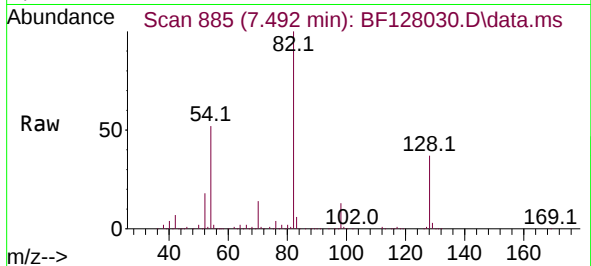




#25
Isophorone
Concen: 43.212 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128030.D
Acq: 02 May 2022 17:12

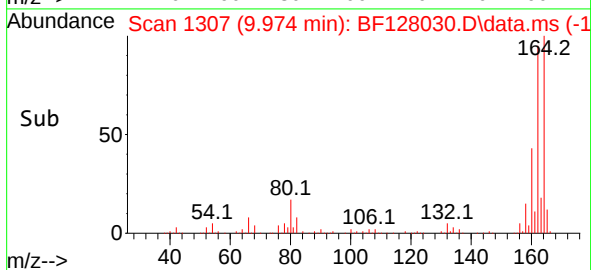
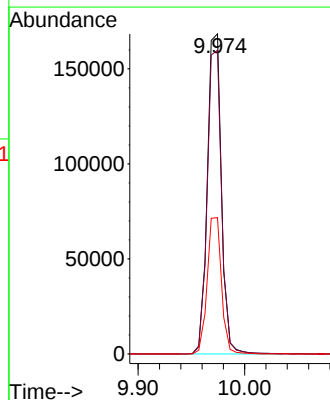
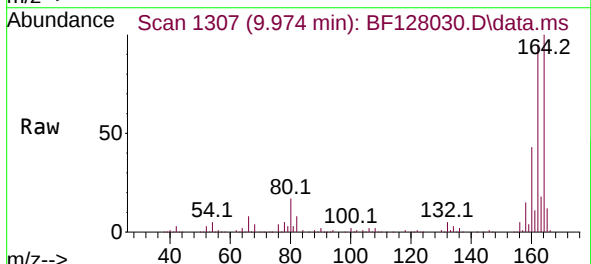
Instrument :
BNA_F
ClientSampleId :
SB04-14-15-FT

Tgt Ion: 82 Resp: 504192
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: 9.974 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF128030.D
Acq: 02 May 2022 17:12

Tgt Ion: 164 Resp: 155616
Ion Ratio Lower Upper
164 100
162 94.9 76.0 114.0
160 42.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 91.220 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF128030.D

Acq: 02 May 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SB04-14-15-FT

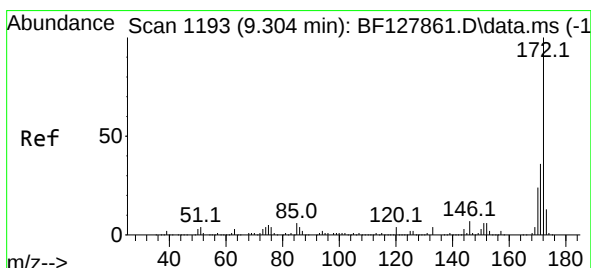
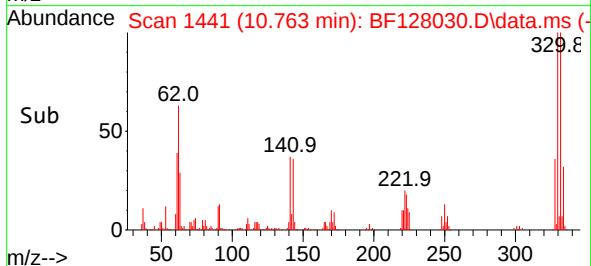
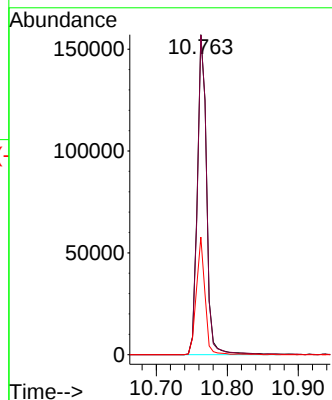
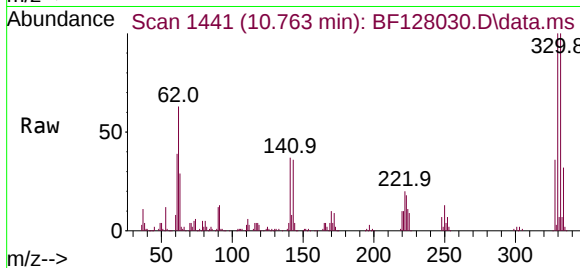
Tgt Ion:330 Resp: 142900

Ion Ratio Lower Upper

330 100

332 98.8 79.0 118.4

141 34.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 82.317 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF128030.D

Acq: 02 May 2022 17:12

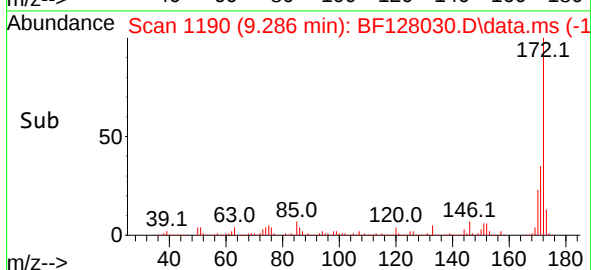
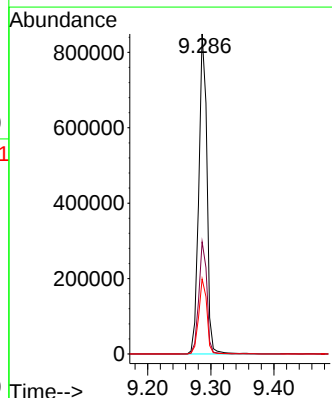
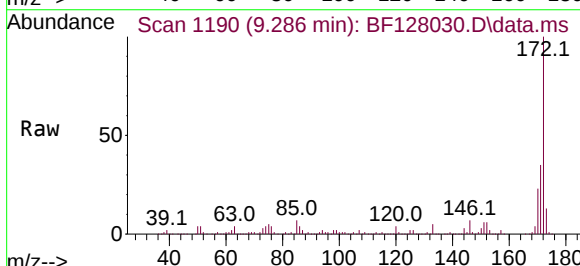
Tgt Ion:172 Resp: 757201

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.4 19.1 28.7

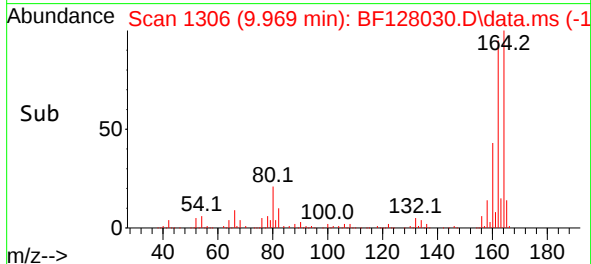
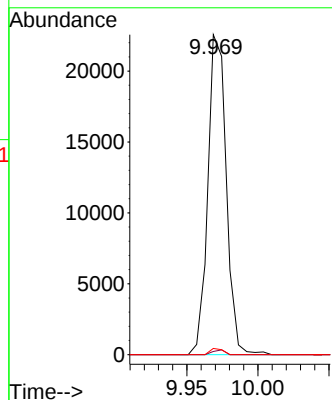
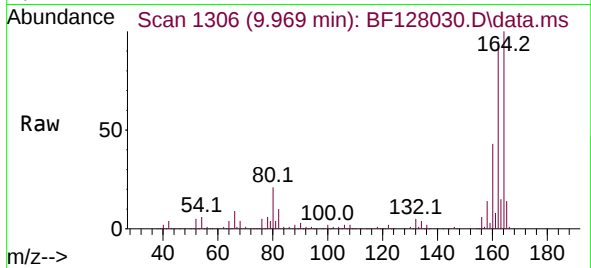




#51
2,6-Dinitrotoluene
Concen: 9.041 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128030.D
Acq: 02 May 2022 17:12

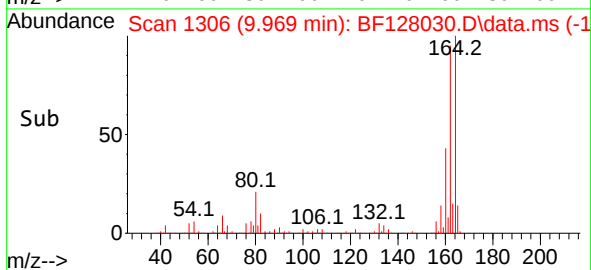
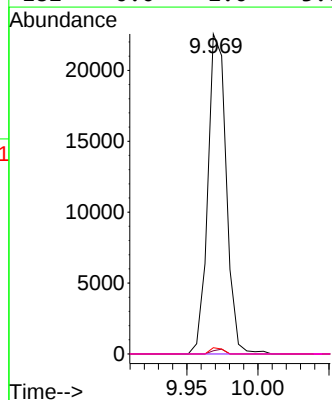
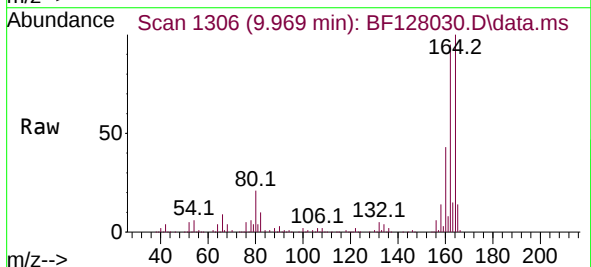
Instrument :
BNA_F
ClientSampleId :
SB04-14-15-FT

Tgt Ion:165 Resp: 20429
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 2.0 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.825 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF128030.D
Acq: 02 May 2022 17:12

Tgt Ion:165 Resp: 20429
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 2.0 55.2 82.8#
182 0.0 2.0 3.0#

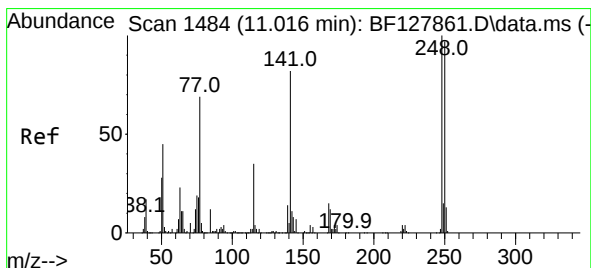
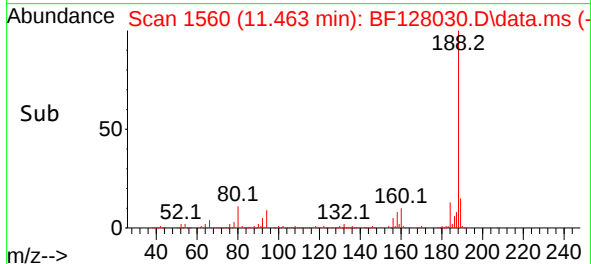
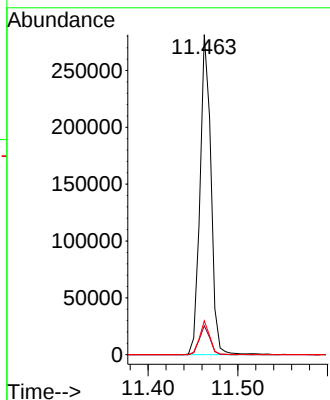
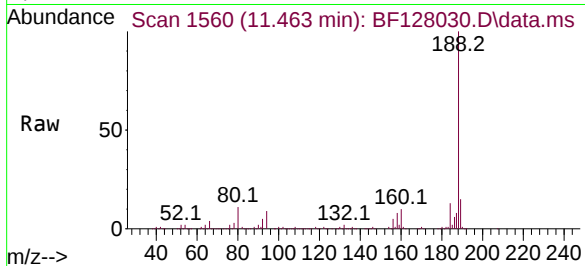




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128030.D
Acq: 02 May 2022 17:12

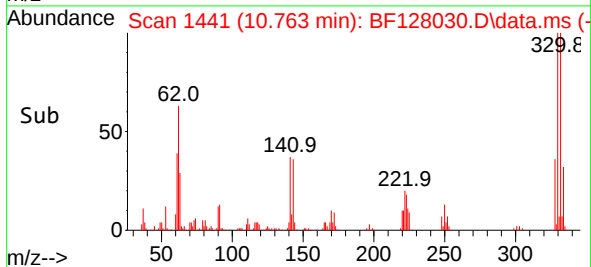
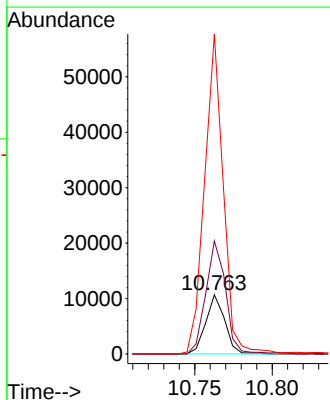
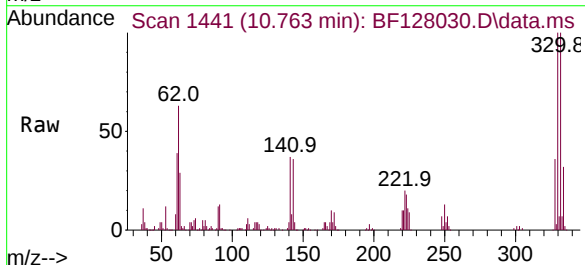
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BNA_F
ClientSampleId :
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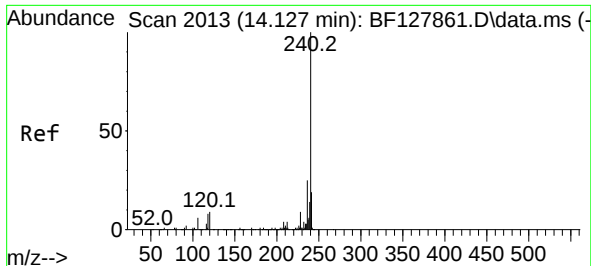
Tgt Ion:188 Resp: 238215
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.456 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF128030.D
Acq: 02 May 2022 17:12

Tgt Ion:248 Resp: 9126
Ion Ratio Lower Upper
248 100
250 190.8 77.7 116.5#
141 540.2 65.6 98.4#

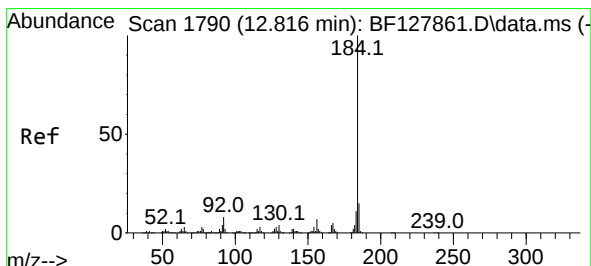
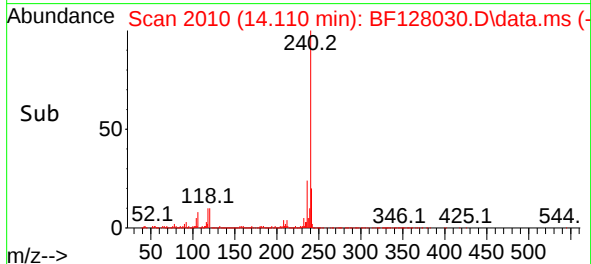
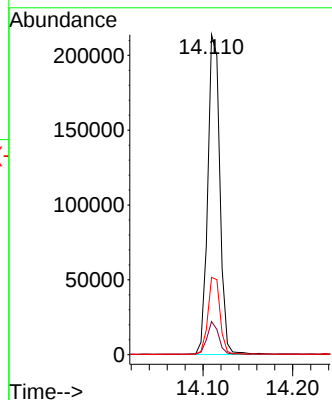
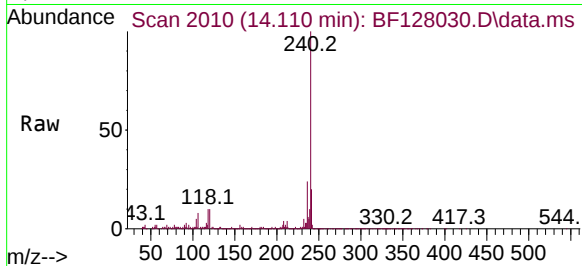




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128030.D
Acq: 02 May 2022 17:12

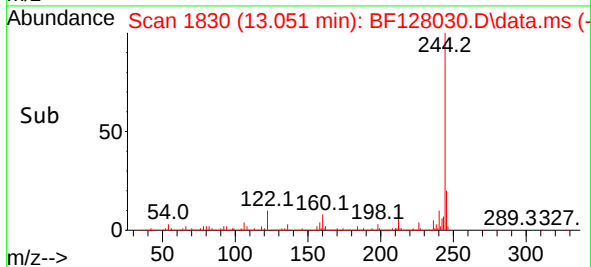
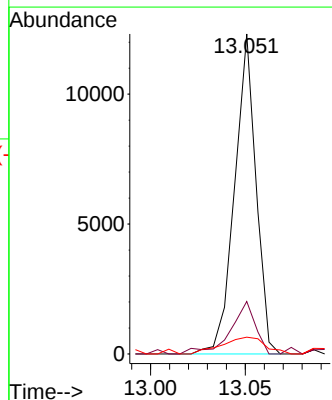
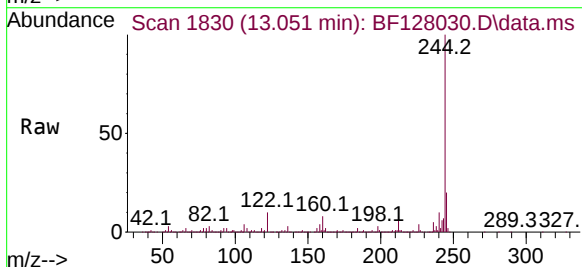
Instrument :
BNA_F
ClientSampleId :
SB04-14-15-FT

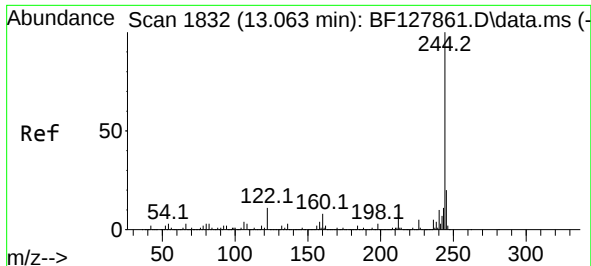
Tgt Ion:240 Resp: 199793
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 24.2 20.3 30.5



#77
Benzidine
Concen: 2.557 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF128030.D
Acq: 02 May 2022 17:12

Tgt Ion:184 Resp: 9668
Ion Ratio Lower Upper
184 100
185 16.4 12.1 18.1
183 5.3 9.0 13.4#

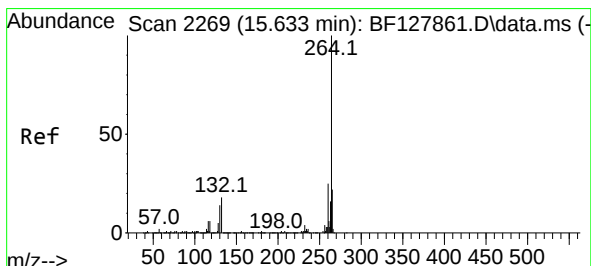
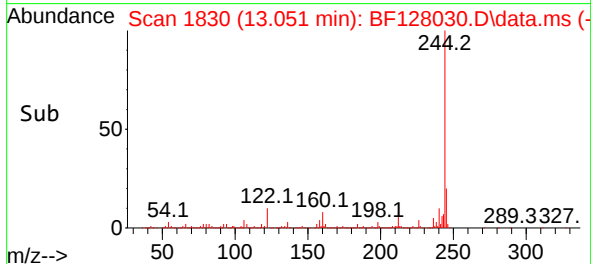
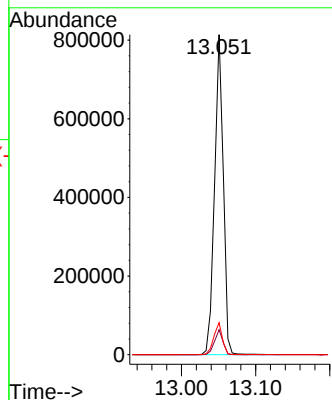
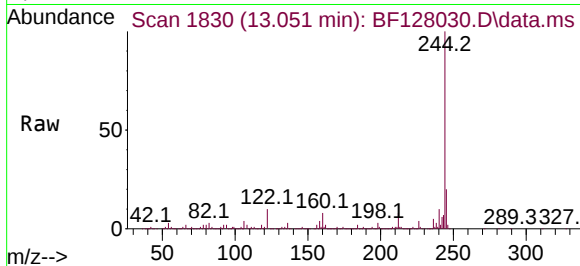




#79
 Terphenyl-d14
 Concen: 60.717 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. -0.006 min
 Lab File: BF128030.D
 Acq: 02 May 2022 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SB04-14-15-FT

Tgt Ion:244 Resp: 663407
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2268
 Delta R.T. 0.006 min
 Lab File: BF128030.D
 Acq: 02 May 2022 17:12

Tgt Ion:264 Resp: 142729
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.1 30.1
 265 20.9 17.5 26.3

