

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130029.D
 Acq On : 26 Aug 2022 20:55
 Operator : CG\JU
 Sample : N4379-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Quant Time: Aug 27 06:13:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

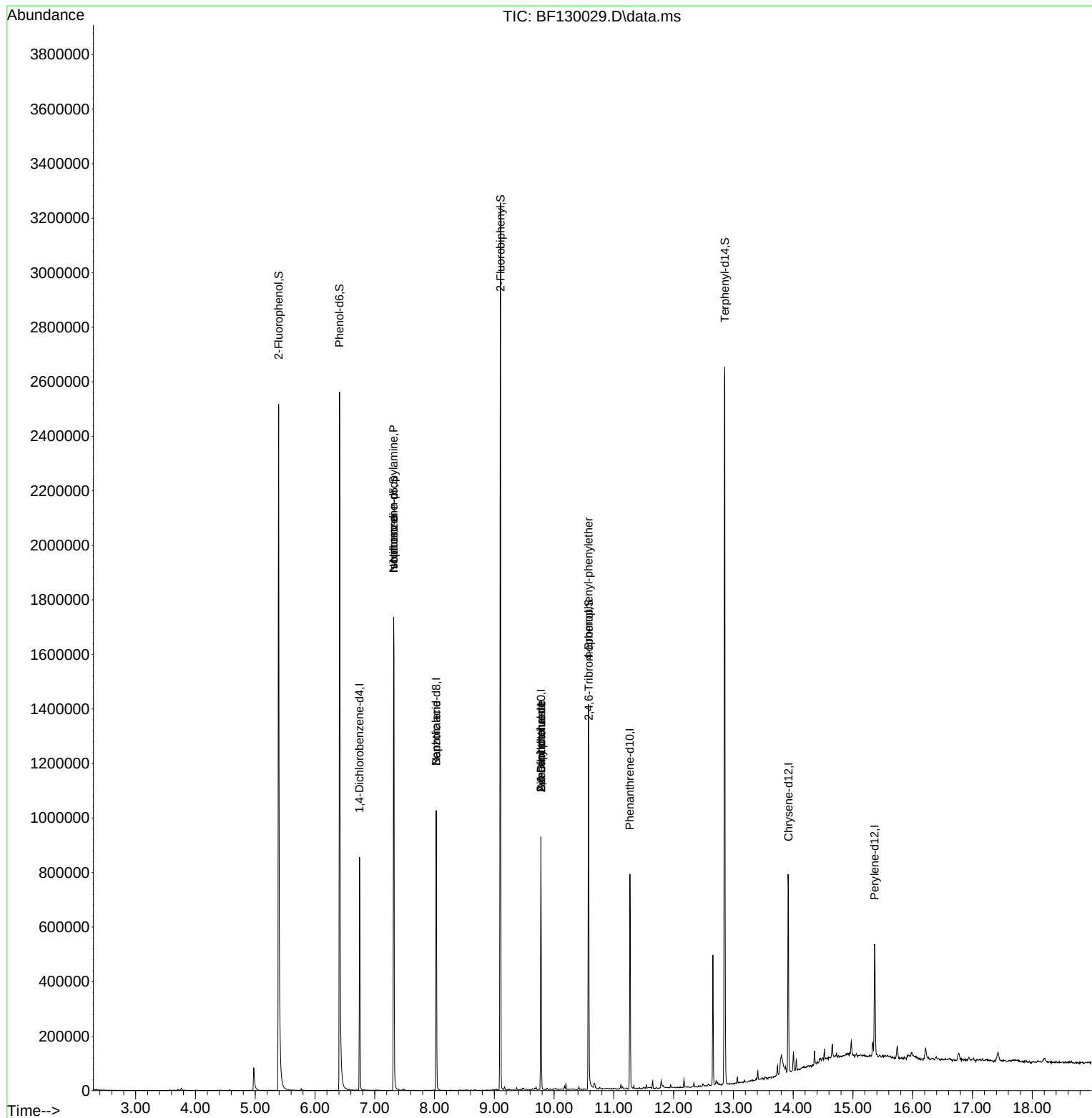
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	115419	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	405885	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	170389	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	262968	20.000	ng	-0.01
76) Chrysene-d12	13.921	240	246424	20.000	ng	0.00
86) Perylene-d12	15.363	264	187674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	743794	106.698	ng	0.00
7) Phenol-d6	6.410	99	880893	100.908	ng	-0.01
23) Nitrobenzene-d5	7.316	82	559916	73.847	ng	-0.02
42) 2,4,6-Tribromophenol	10.580	330	160266	93.717	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	907497	80.892	ng	-0.01
79) Terphenyl-d14	12.857	244	908556	61.349	ng	0.00
Target Compounds						
9) Benzaldehyde	6.363	77	66	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propyla...	7.316	70	76146	13.800 ng	#	77
25) Isophorone	7.316	82	559911	42.905 ng	#	65
32) Benzoic acid	8.028	122	70	2.187 ng	#	1
50) Dimethylphthalate	9.781	163	29511	2.416 ng	#	1
51) 2,6-Dinitrotoluene	9.781	165	21629	8.163 ng	#	23
57) 2,4-Dinitrotoluene	9.781	165	21629	6.288 ng	#	18
67) 4-Bromophenyl-phenylether	10.575	248	10429	3.386 ng	#	1
77) Benzidine	12.857	184	13793	Below Cal	#	32

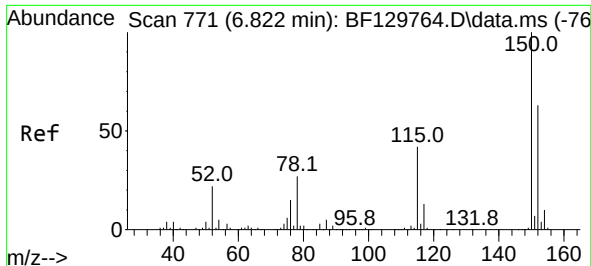
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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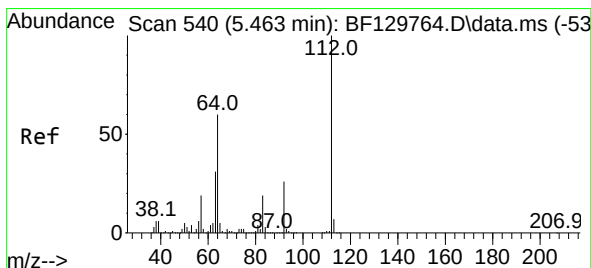
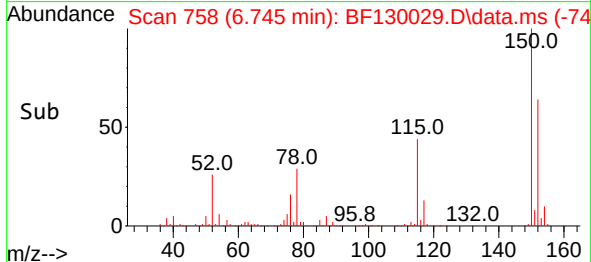
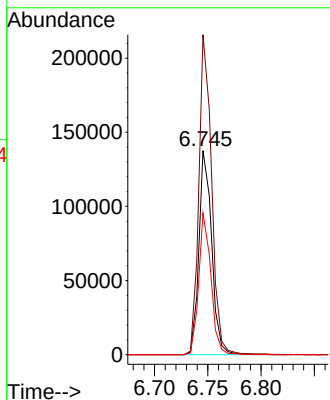
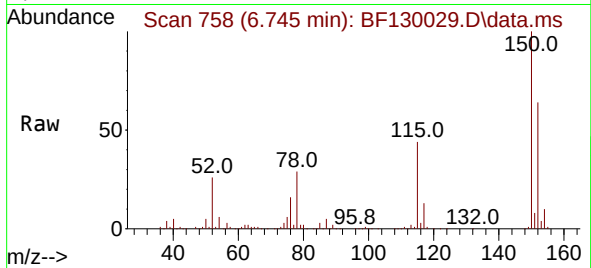




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

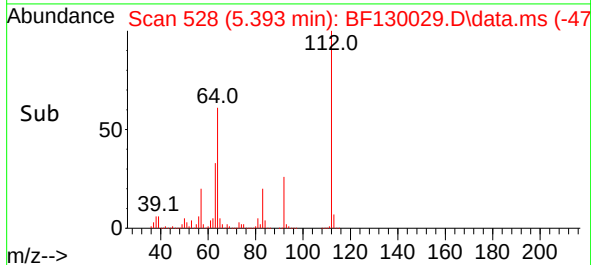
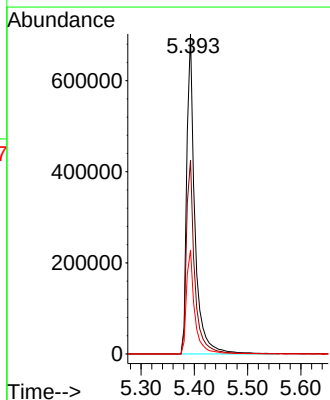
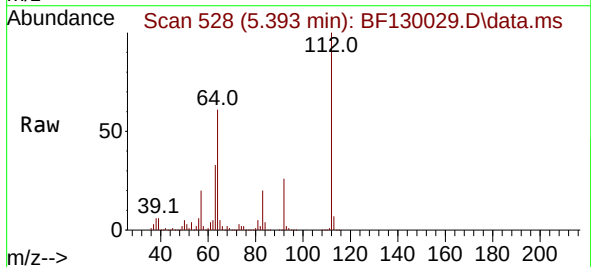
Instrument :
BNA_F
ClientSampleId :
DUP-X

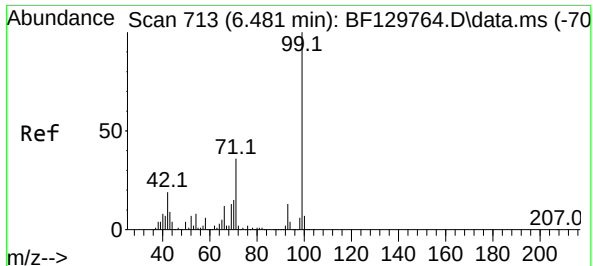
Tgt Ion:152 Resp: 115419
Ion Ratio Lower Upper
152 100
150 156.8 126.9 190.3
115 69.4 53.4 80.0



#5
2-Fluorophenol
Concen: 106.698 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.000 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

Tgt Ion:112 Resp: 743794
Ion Ratio Lower Upper
112 100
64 60.6 47.6 71.4
63 32.5 24.6 37.0

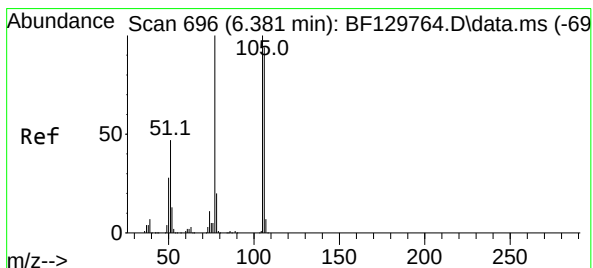
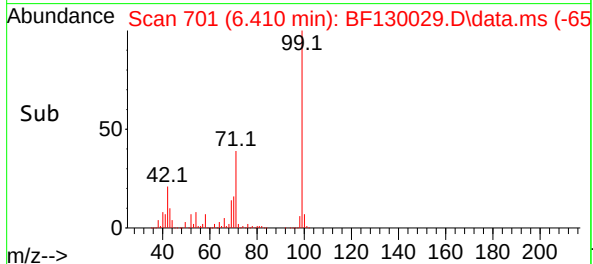
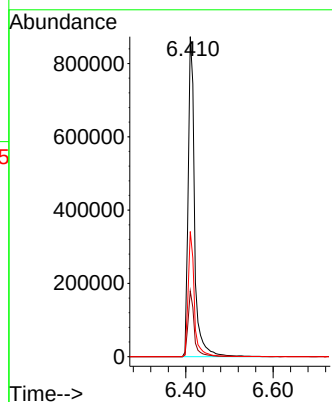
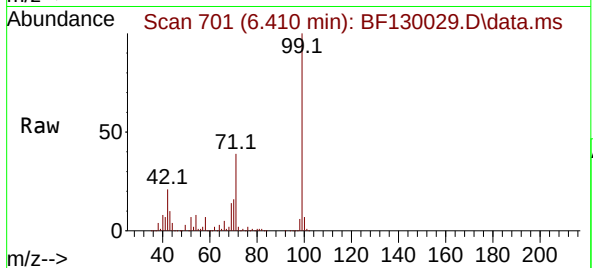




#7
Phenol-d6
Concen: 100.908 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

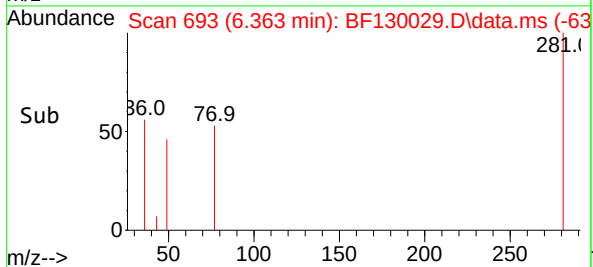
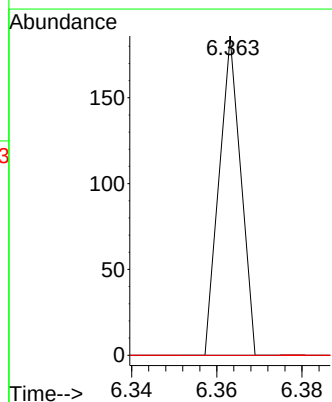
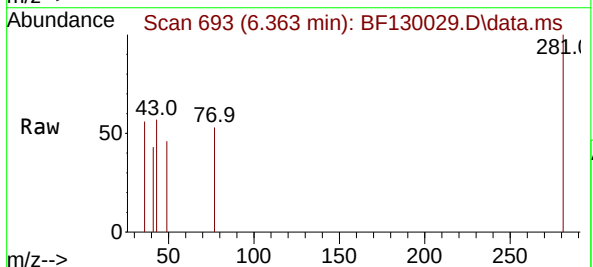
Instrument :
BNA_F
ClientSampleId :
DUP-X

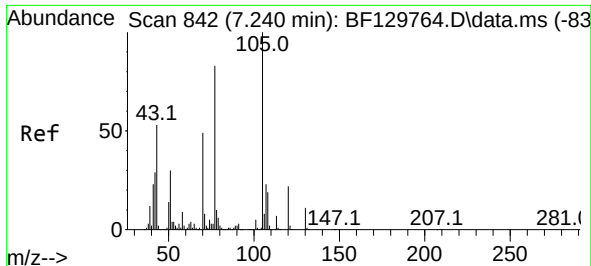
Tgt Ion: 99 Resp: 880893
Ion Ratio Lower Upper
99 100
42 20.5 15.0 22.4
71 39.1 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.363 min Scan# 693
Delta R.T. 0.047 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

Tgt Ion: 77 Resp: 66
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

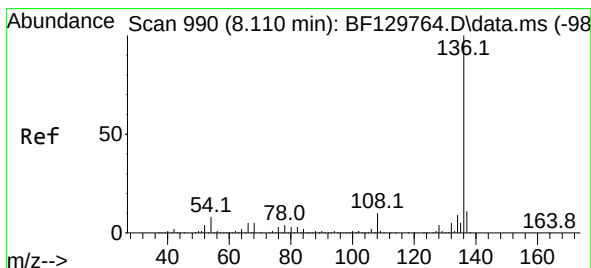
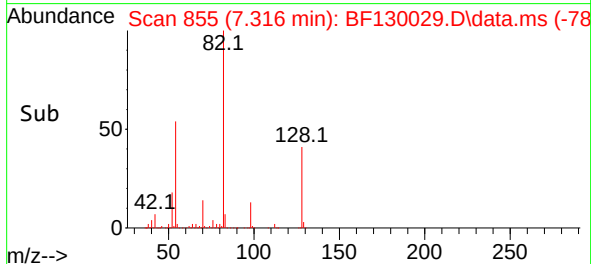
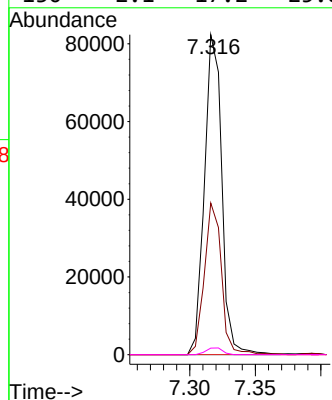
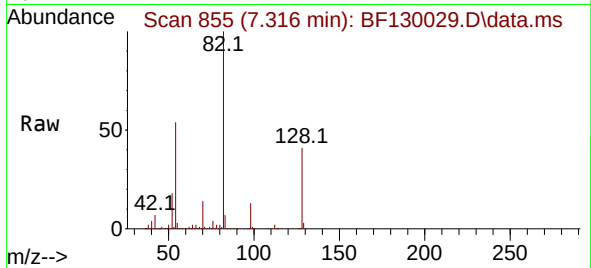




#19
n-Nitroso-di-n-propylamine
Concen: 13.800 ng
RT: 7.316 min Scan# 81
Delta R.T. 0.135 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

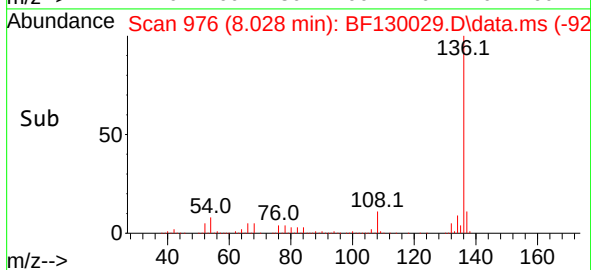
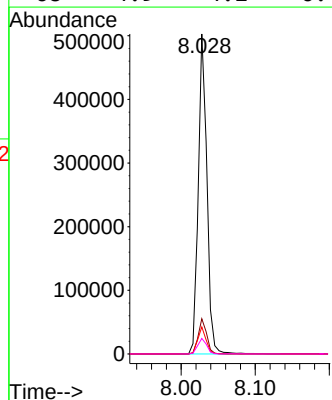
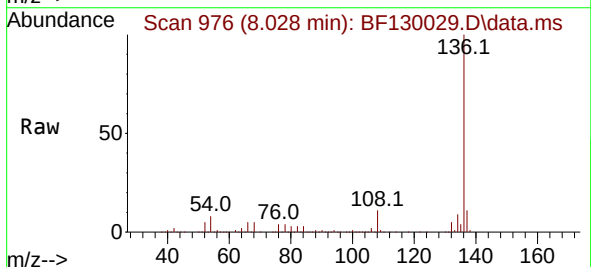
Instrument :
BNA_F
ClientSampleId :
DUP-X

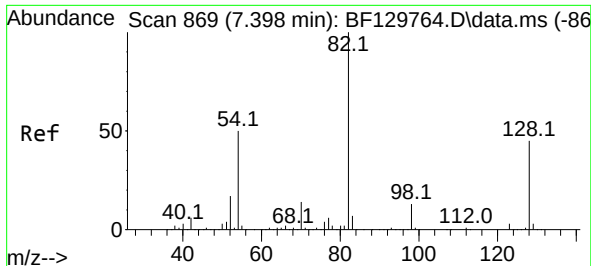
Tgt Ion: 70 Resp: 76146
Ion Ratio Lower Upper
70 100
42 47.4 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

Tgt Ion:136 Resp: 405885
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.4 6.2 9.2
68 4.9 4.2 6.4

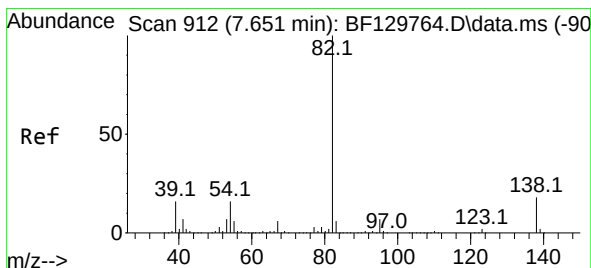
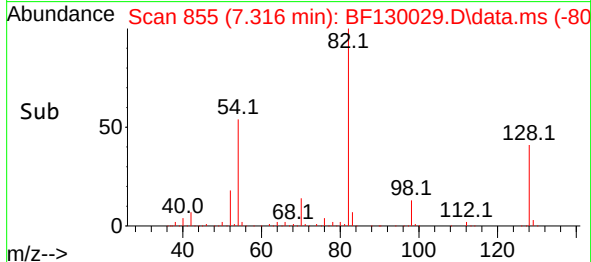
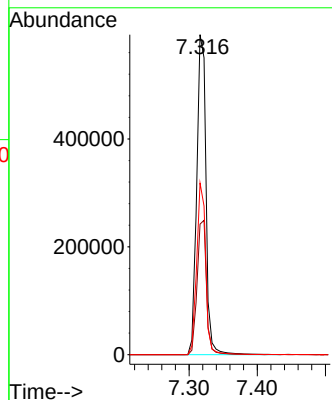
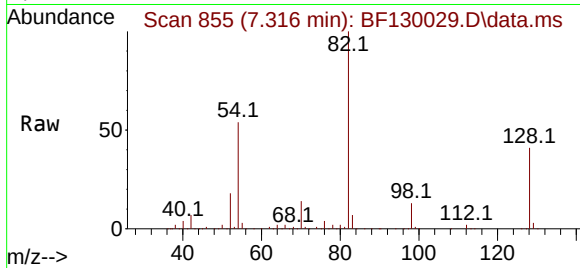




#23
Nitrobenzene-d5
Concen: 73.847 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.018 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

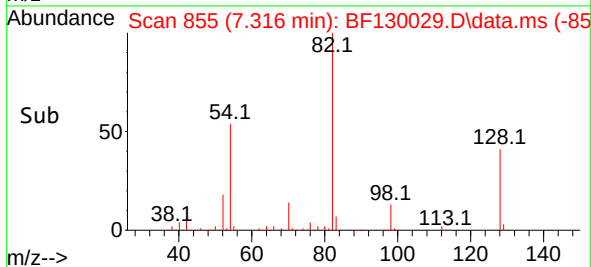
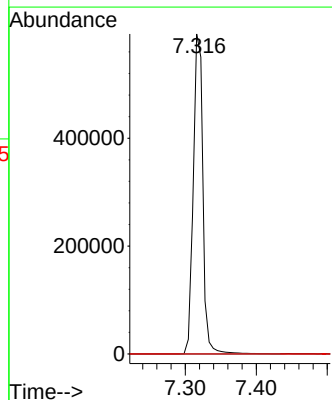
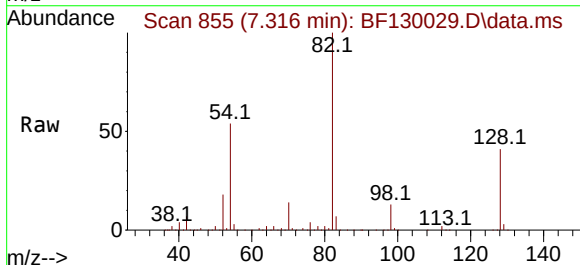
Instrument :
BNA_F
ClientSampleId :
DUP-X

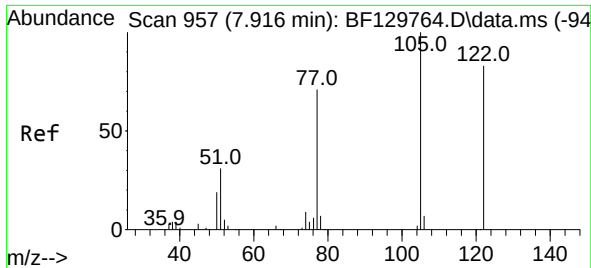
Tgt Ion: 82 Resp: 559916
Ion Ratio Lower Upper
82 100
128 40.8 36.1 54.1
54 53.7 40.0 60.0



#25
Isophorone
Concen: 42.905 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.271 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

Tgt Ion: 82 Resp: 559911
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

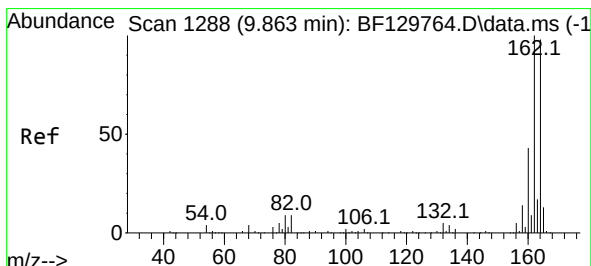
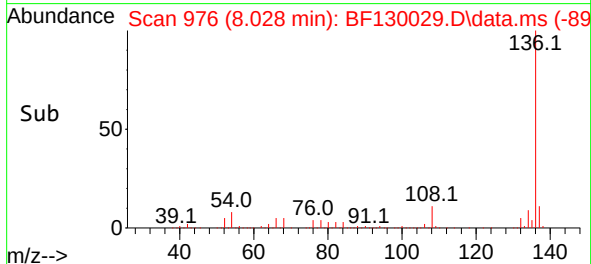
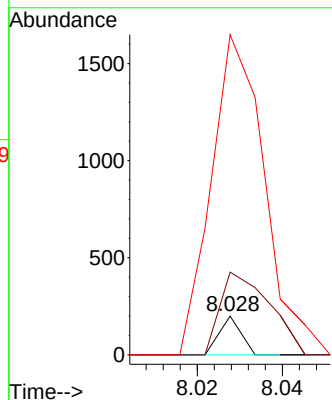
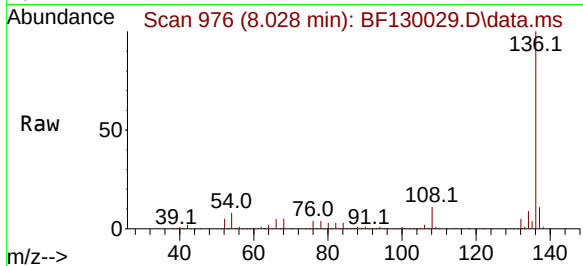




#32
Benzoic acid
Concen: 2.187 ng
RT: 8.028 min Scan# 91
Delta R.T. 0.165 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

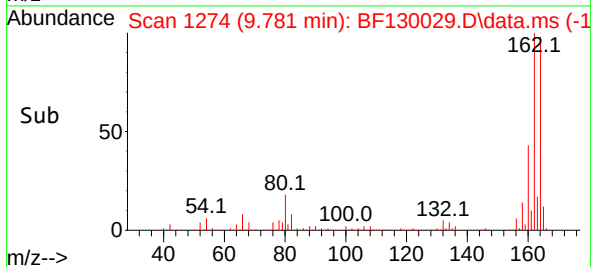
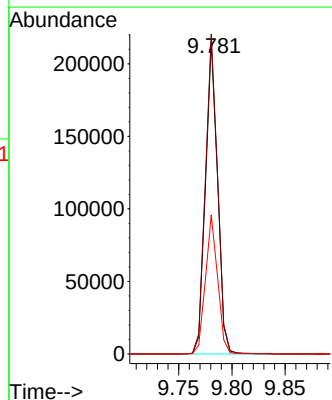
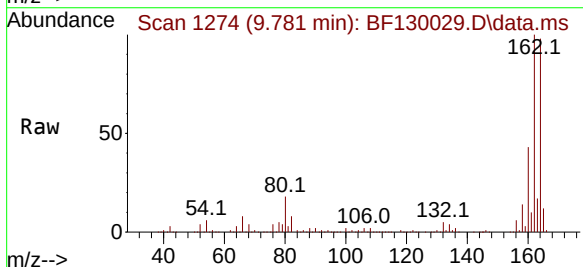
Instrument :
BNA_F
ClientSampleId :
DUP-X

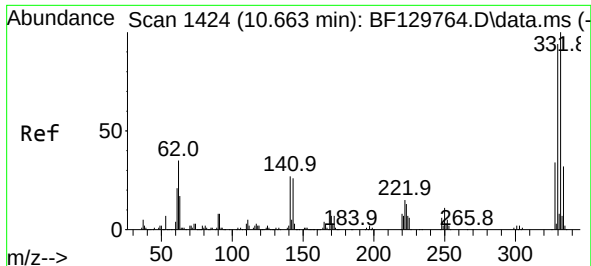
Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 214.1 99.9 139.9#
77 828.6 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

Tgt Ion:164 Resp: 170389
Ion Ratio Lower Upper
164 100
162 102.3 82.0 123.0
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 93.717 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130029.D

Acq: 26 Aug 2022 20:55

Instrument :

BNA_F

ClientSampleId :

DUP-X

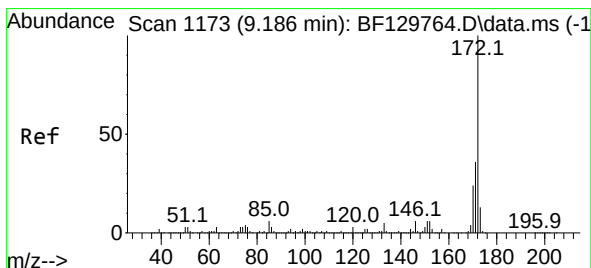
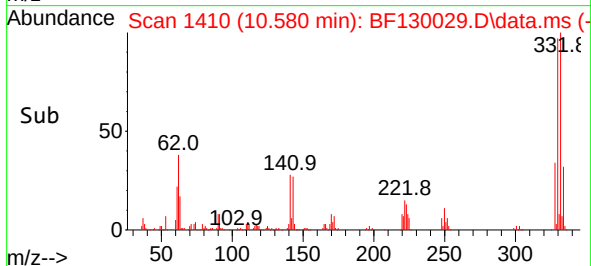
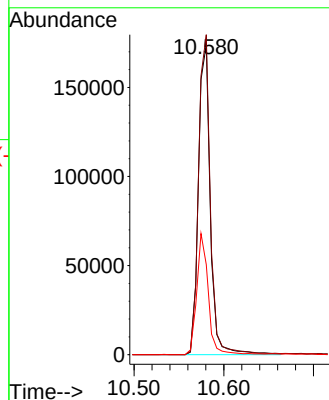
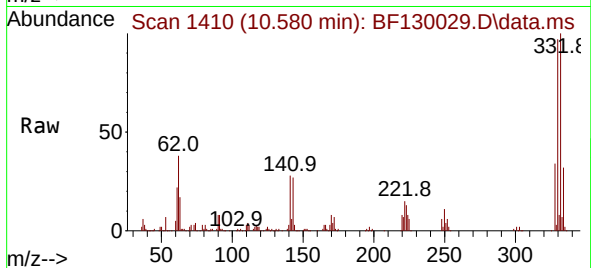
Tgt Ion:330 Resp: 160266

Ion Ratio Lower Upper

330 100

332 103.7 82.6 124.0

141 37.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 80.892 ng

RT: 9.104 min Scan# 1159

Delta R.T. -0.012 min

Lab File: BF130029.D

Acq: 26 Aug 2022 20:55

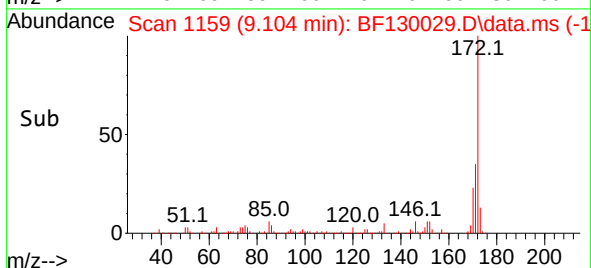
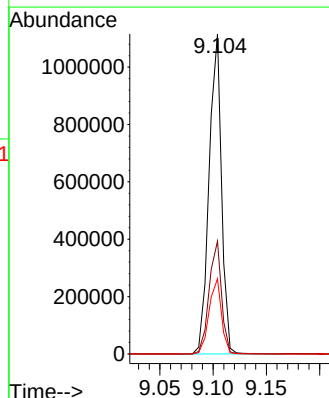
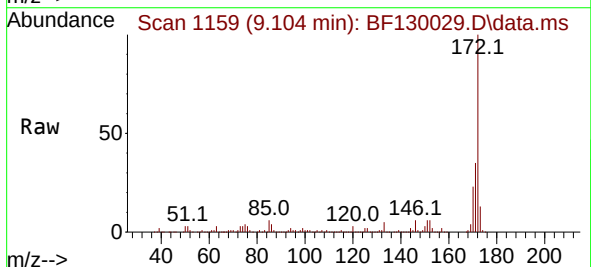
Tgt Ion:172 Resp: 907497

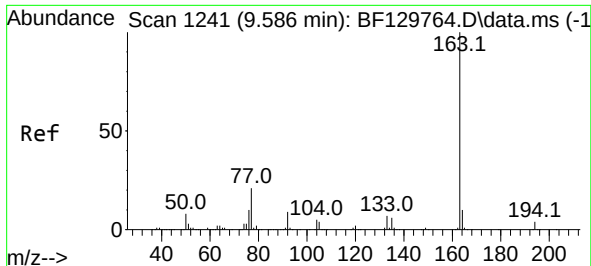
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.5 19.1 28.7

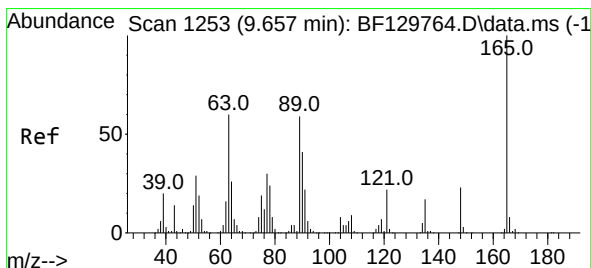
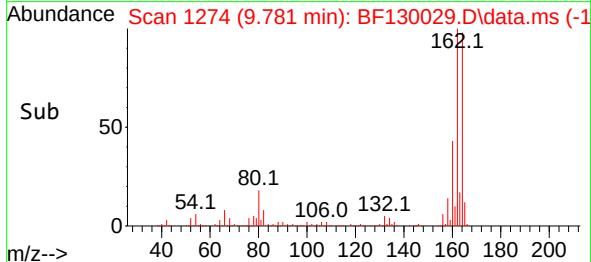
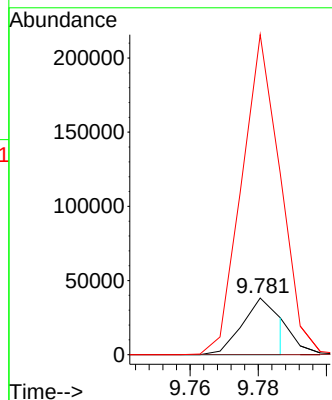
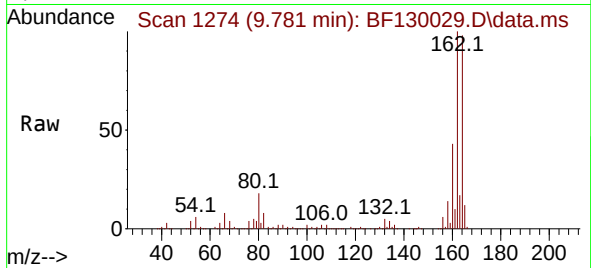




#50
Dimethylphthalate
Concen: 2.416 ng
RT: 9.781 min Scan# 1274
Delta R.T. 0.259 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

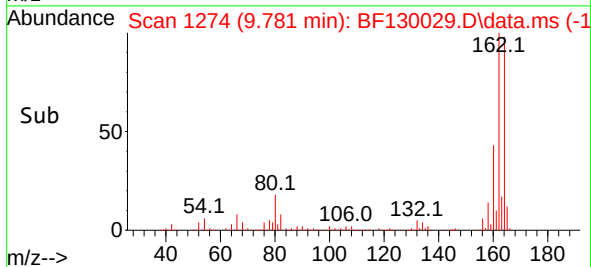
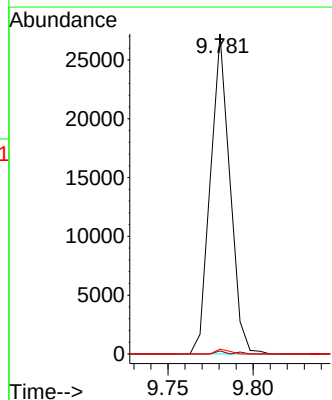
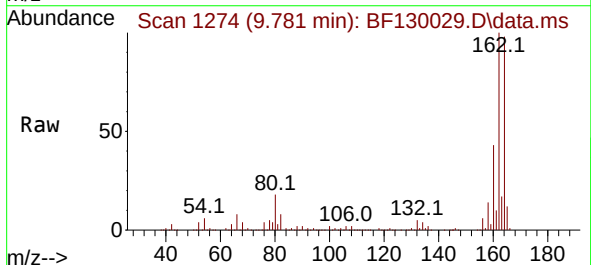
Instrument :
BNA_F
ClientSampleId :
DUP-X

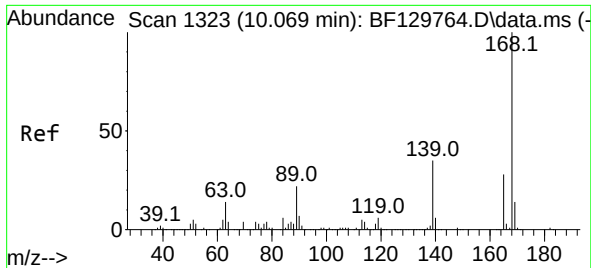
Tgt Ion:163 Resp: 29511
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 564.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.163 ng
RT: 9.781 min Scan# 1274
Delta R.T. 0.188 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

Tgt Ion:165 Resp: 21629
Ion Ratio Lower Upper
165 100
63 0.9 47.8 71.8#
89 1.5 47.2 70.8#

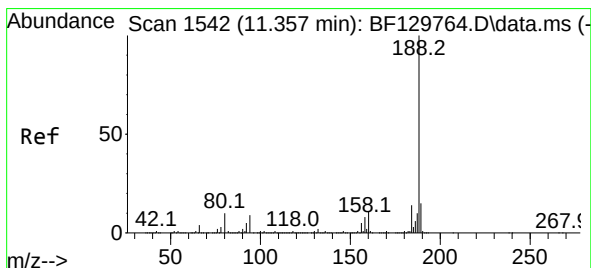
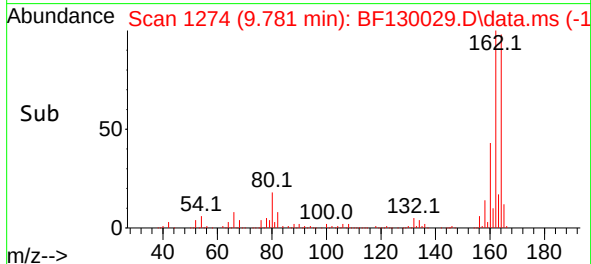
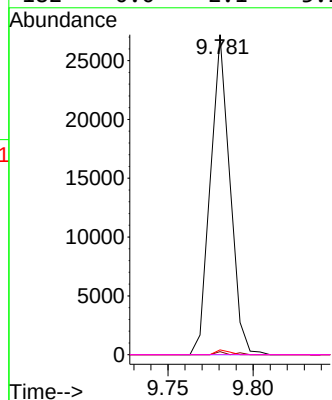
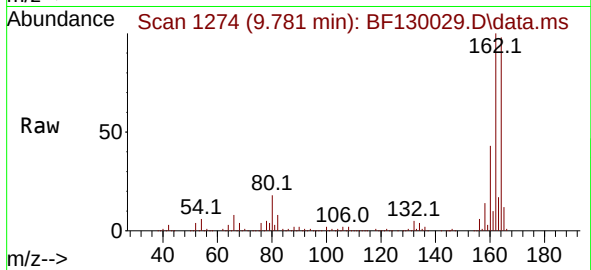




#57
2,4-Dinitrotoluene
Concen: 6.288 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

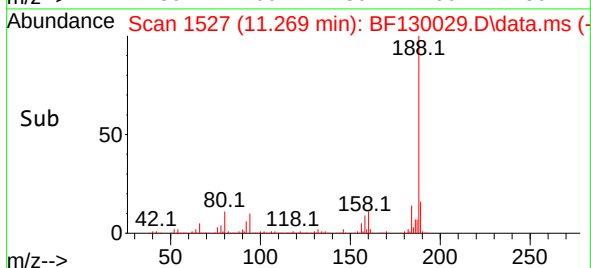
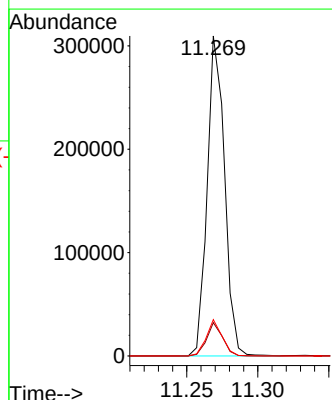
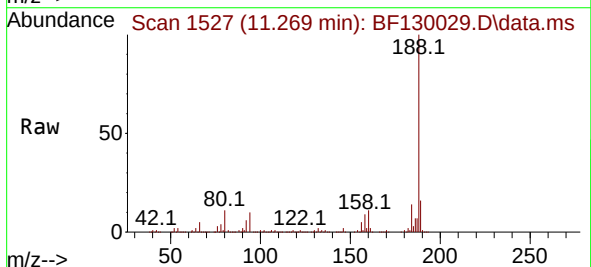
Instrument :
BNA_F
ClientSampleId :
DUP-X

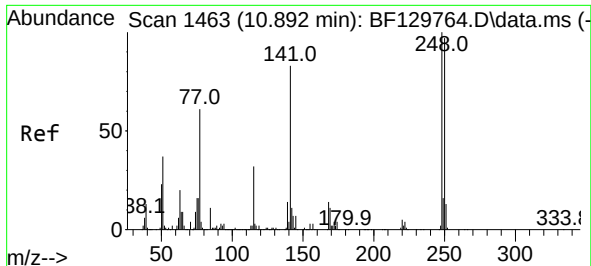
Tgt Ion:165 Resp: 21629
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.5 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1527
Delta R.T. -0.012 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

Tgt Ion:188 Resp: 262968
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.4 7.9 11.9

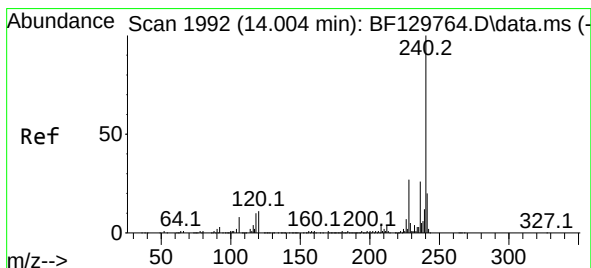
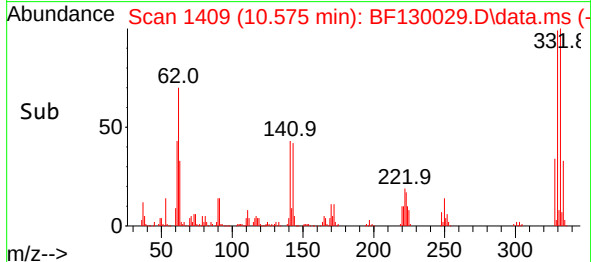
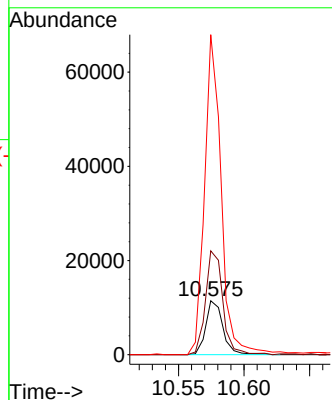
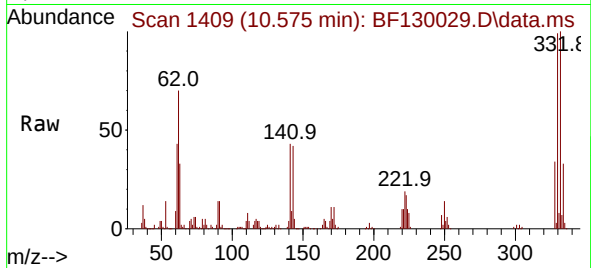




#67
4-Bromophenyl-phenylether
Concen: 3.386 ng
RT: 10.575 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

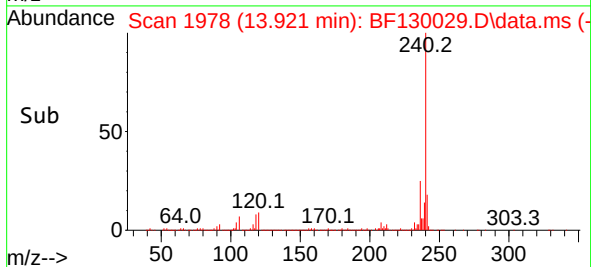
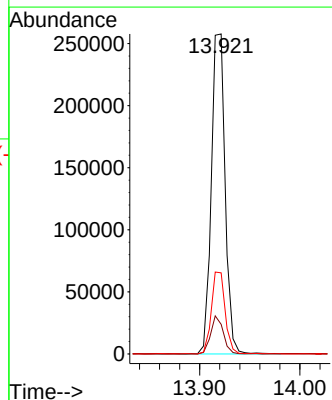
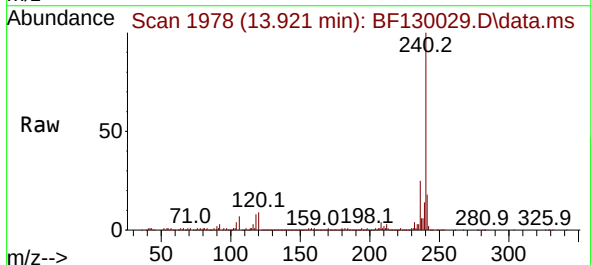
Instrument :
BNA_F
ClientSampleId :
DUP-X

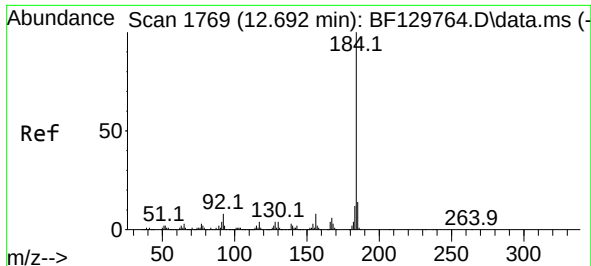
Tgt Ion:248 Resp: 10429
Ion Ratio Lower Upper
248 100
250 192.5 77.8 116.6#
141 593.6 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

Tgt Ion:240 Resp: 246424
Ion Ratio Lower Upper
240 100
120 9.2 9.2 13.8
236 25.4 20.7 31.1

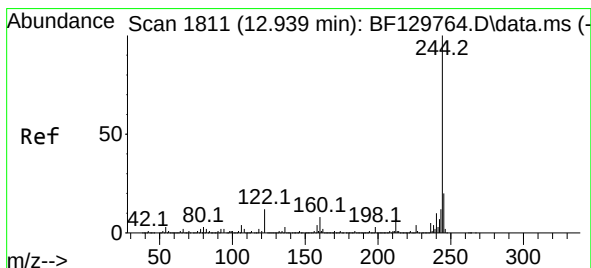
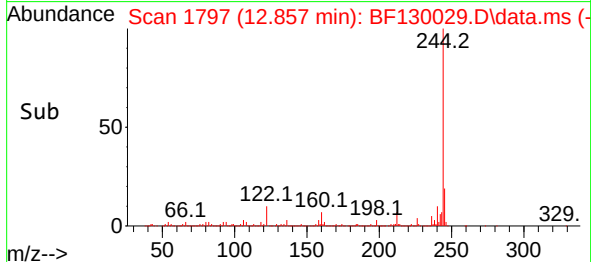
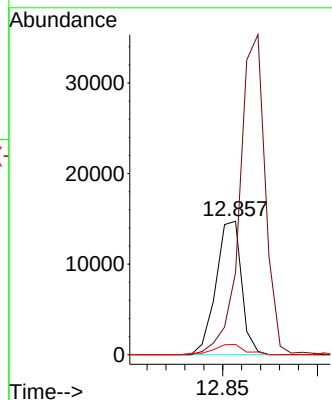
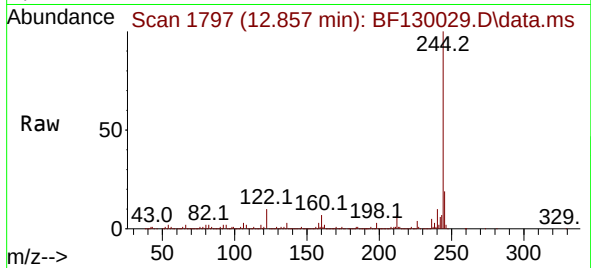




#77
Benzidine
Concen: Below Cal
RT: 12.857 min Scan# 1797
Delta R.T. 0.235 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

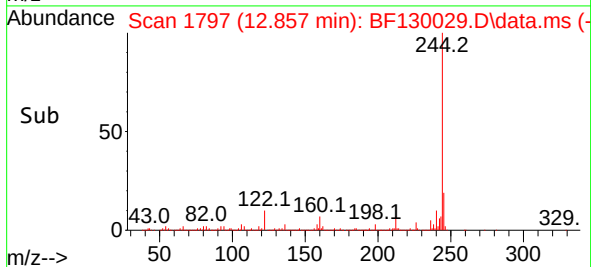
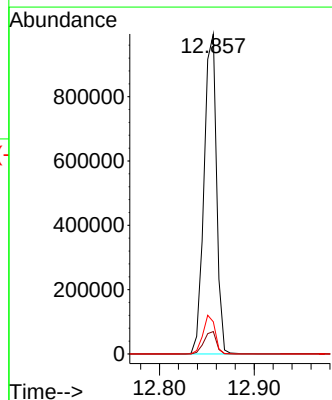
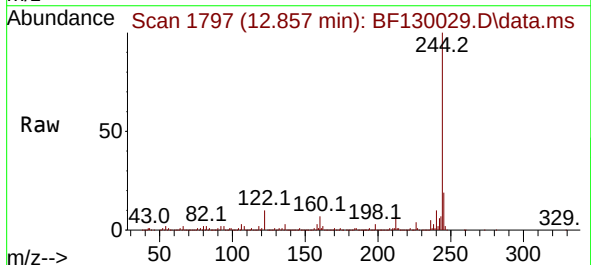
Instrument :
BNA_F
ClientSampleId :
DUP-X

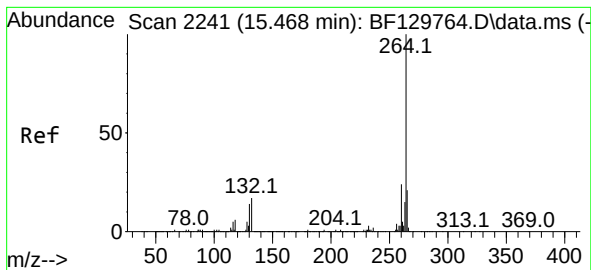
Tgt Ion:184 Resp: 13793
Ion Ratio Lower Upper
184 100
185 61.5 11.4 17.2#
183 7.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 61.349 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

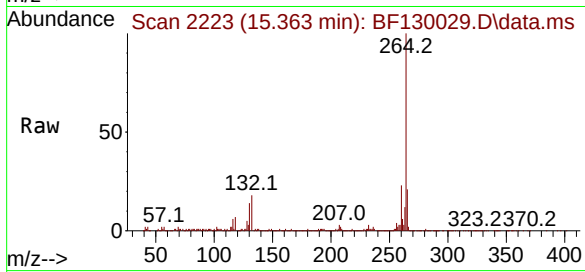
Tgt Ion:244 Resp: 908556
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.0 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130029.D
Acq: 26 Aug 2022 20:55

Instrument :
BNA_F
ClientSampleId :
DUP-X



Tgt Ion:264 Resp: 187674

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	20.8	16.7	25.1

