

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130015.D
 Acq On : 26 Aug 2022 12:47
 Operator : CG\JU
 Sample : N4291-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Y-7RE

Quant Time: Aug 27 06:06:15 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)

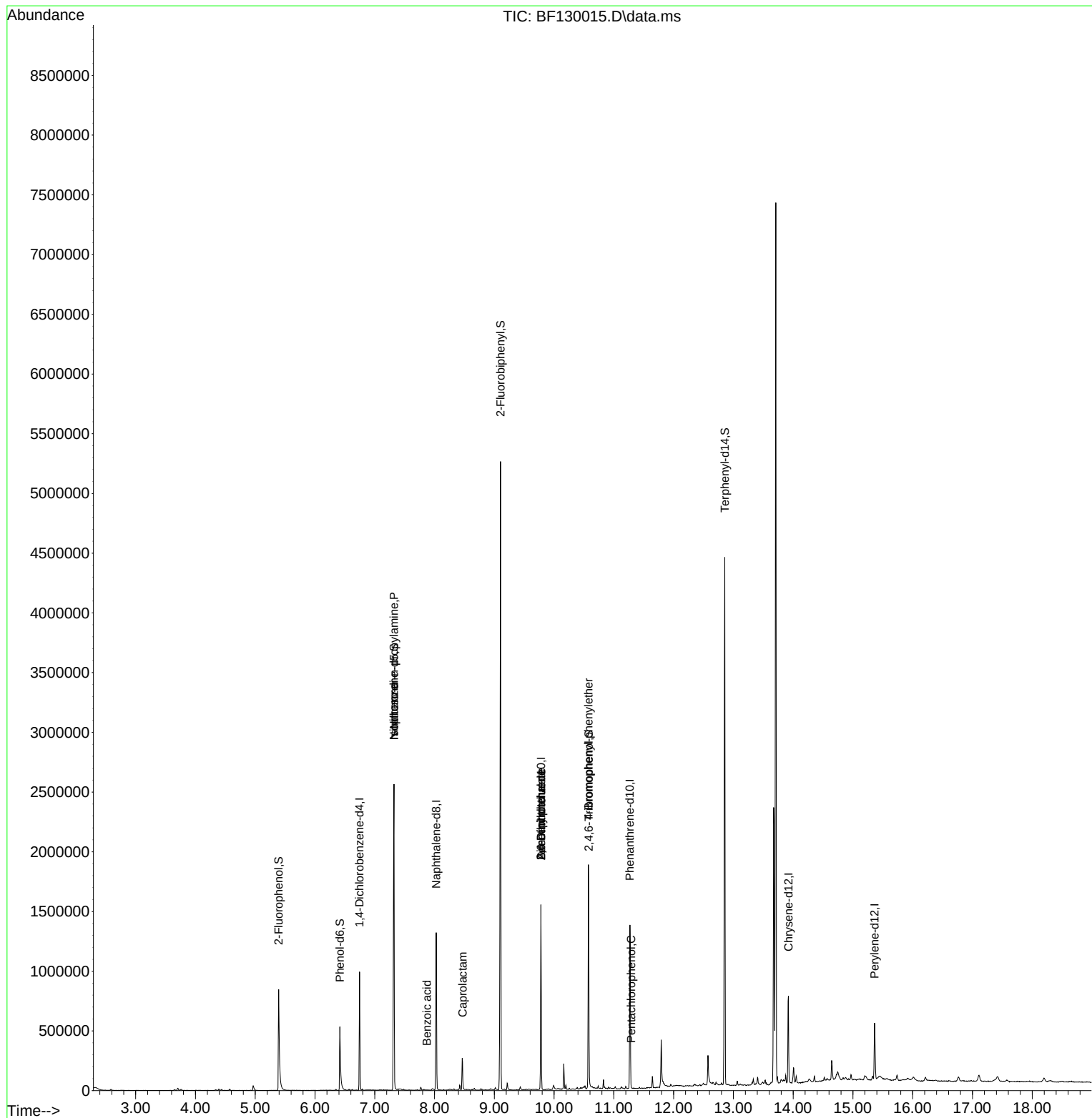
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	128504	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	528530	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	278346	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	474328	20.000	ng	-0.01
76) Chrysene-d12	13.921	240	246227	20.000	ng	0.00
86) Perylene-d12	15.362	264	202546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	293991	37.879	ng	0.00
7) Phenol-d6	6.416	99	218273	22.458	ng	0.00
23) Nitrobenzene-d5	7.322	82	830638	84.131	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	218999	78.393	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1524583	83.189	ng	-0.01
79) Terphenyl-d14	12.857	244	1436690	97.088	ng	0.00
Target Compounds						
9) Benzaldehyde	6.339	77	63	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propyla...	7.322	70	112562	18.322 ng	#	78
25) Isophorone	7.322	82	830633	48.880 ng	#	65
32) Benzoic acid	7.875	122	385	2.310 ng	#	80
35) Caprolactam	8.469	113	26638	11.155 ng	#	98
50) Dimethylphthalate	9.780	163	48813	2.446 ng	#	1
51) 2,6-Dinitrotoluene	9.780	165	35804	8.272 ng	#	23
57) 2,4-Dinitrotoluene	9.780	165	35804	6.372 ng	#	18
67) 4-Bromophenyl-phenylether	10.574	248	13439	2.419 ng	#	1
70) Pentachlorophenol	11.292	266	62	5.214 ng	#	20
77) Benzidine	12.610	184	914	Below Cal	#	1

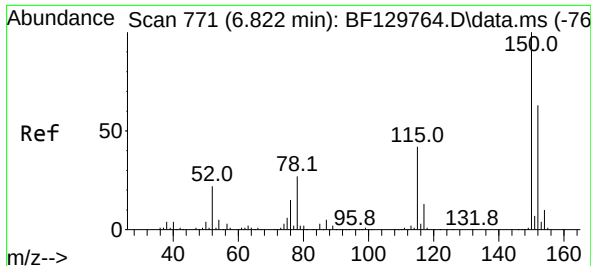
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
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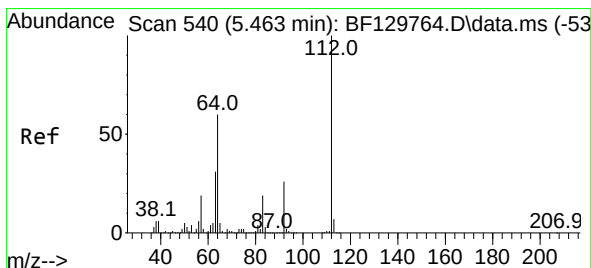
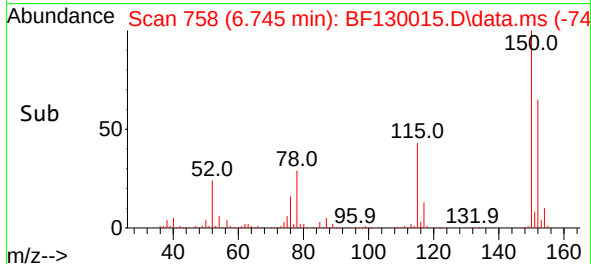
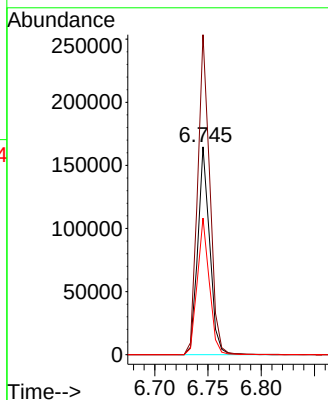
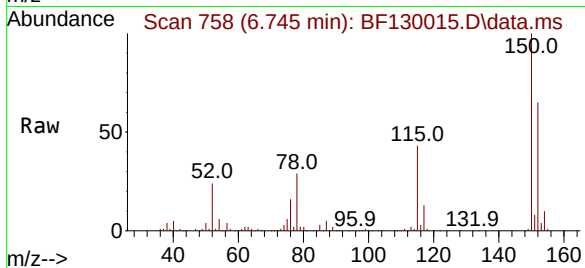




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

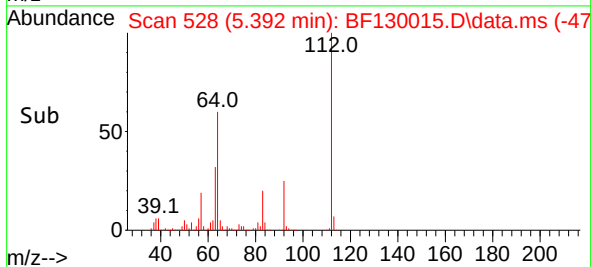
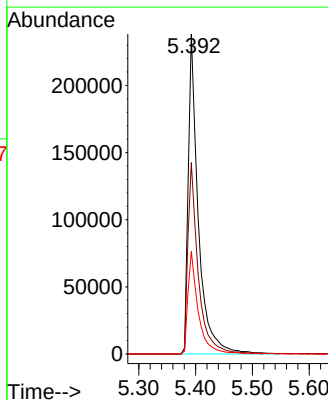
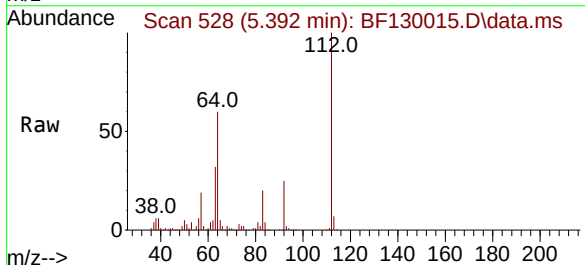
Instrument :
BNA_F
ClientSampleId :
Y-7RE

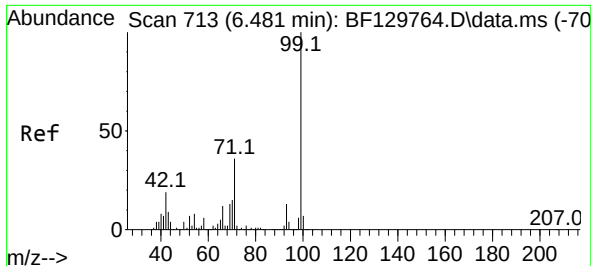
Tgt Ion:152 Resp: 128504
Ion Ratio Lower Upper
152 100
150 153.9 126.9 190.3
115 65.7 53.4 80.0



#5
2-Fluorophenol
Concen: 37.879 ng
RT: 5.392 min Scan# 528
Delta R.T. -0.000 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

Tgt Ion:112 Resp: 293991
Ion Ratio Lower Upper
112 100
64 59.8 47.6 71.4
63 32.1 24.6 37.0

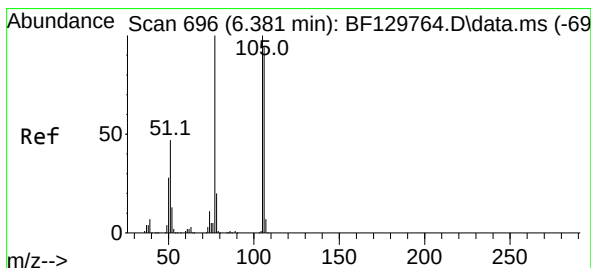
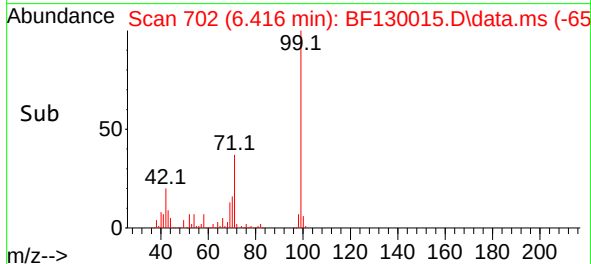
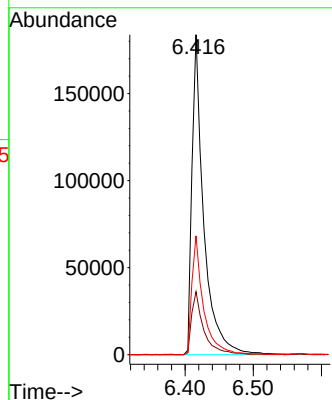
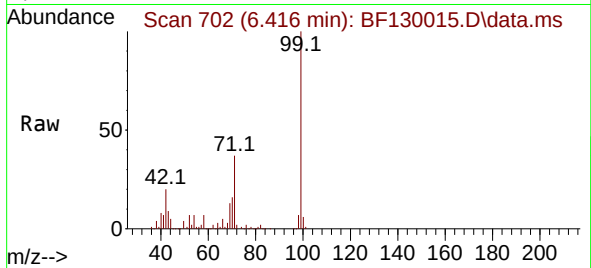




#7
Phenol-d6
Concen: 22.458 ng
RT: 6.416 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

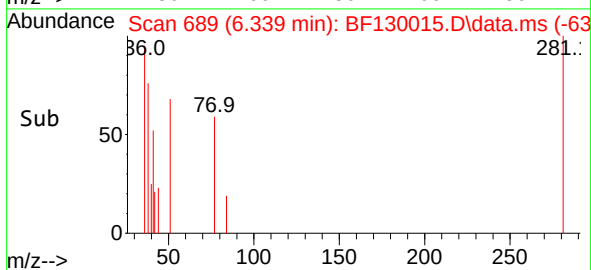
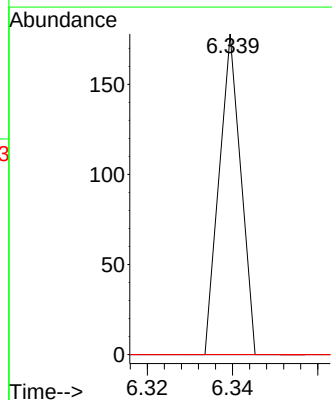
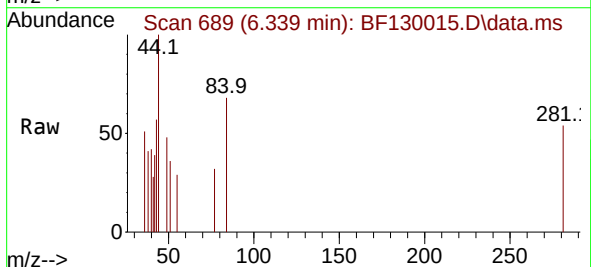
Instrument :
BNA_F
ClientSampleId :
Y-7RE

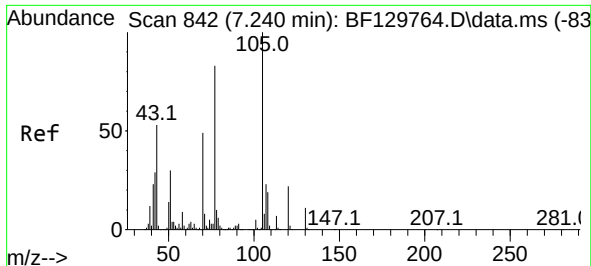
Tgt Ion: 99 Resp: 218273
Ion Ratio Lower Upper
99 100
42 19.7 15.0 22.4
71 37.1 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.339 min Scan# 689
Delta R.T. 0.023 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

Tgt Ion: 77 Resp: 63
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

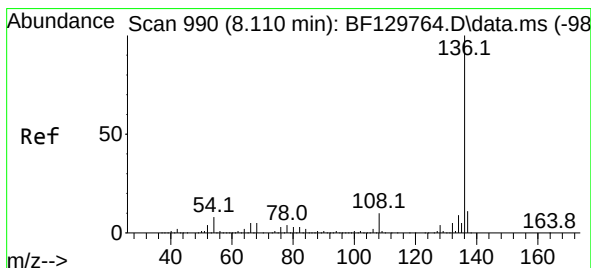
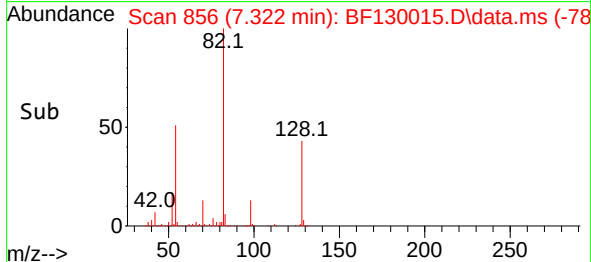
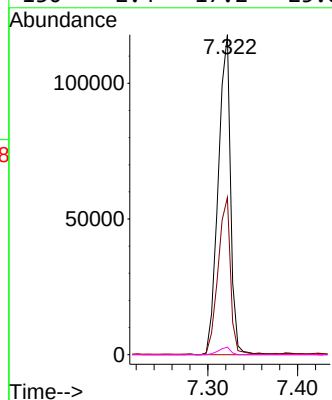
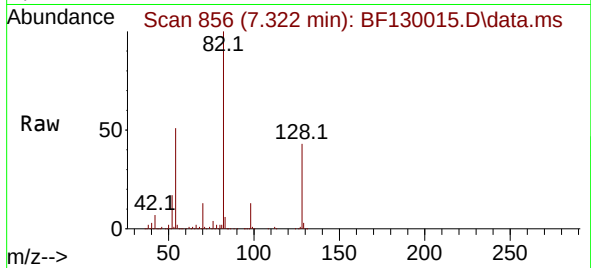




#19
n-Nitroso-di-n-propylamine
Concen: 18.322 ng
RT: 7.322 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

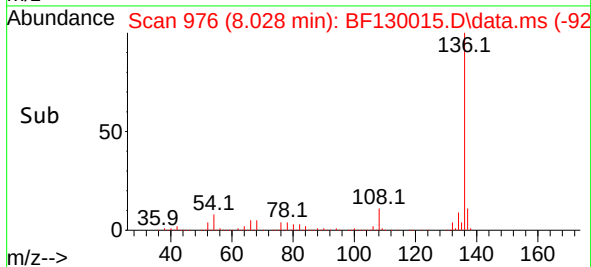
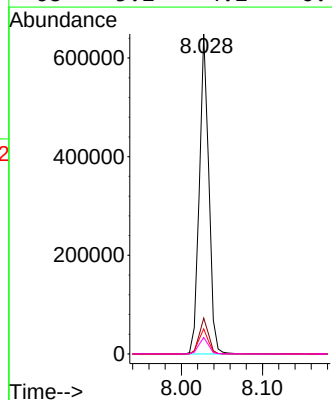
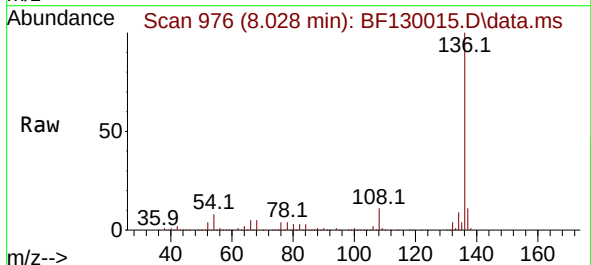
Instrument :
BNA_F
ClientSampleId :
Y-7RE

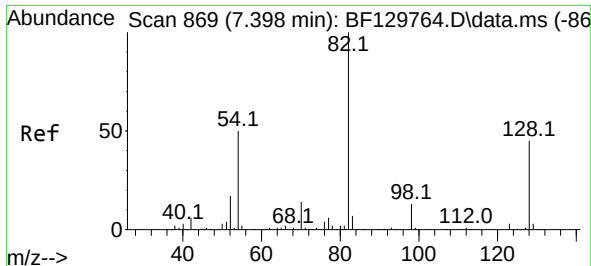
Tgt Ion: 70 Resp: 112562
Ion Ratio Lower Upper
70 100
42 49.1 47.6 71.4
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

Tgt Ion: 136 Resp: 528530
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.9 6.2 9.2
68 5.2 4.2 6.4

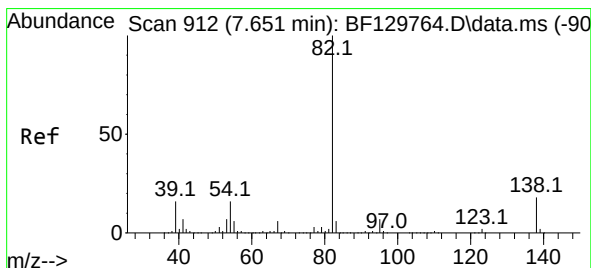
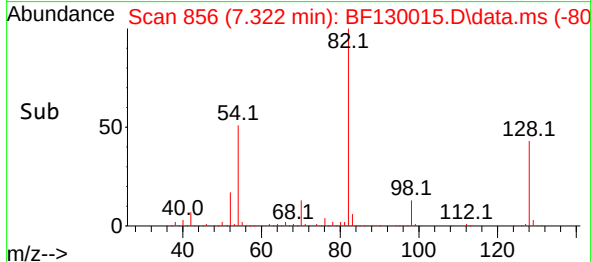
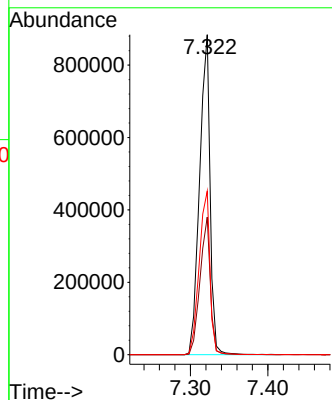
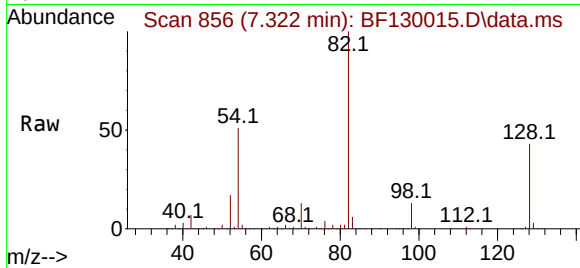




#23
Nitrobenzene-d5
Concen: 84.131 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

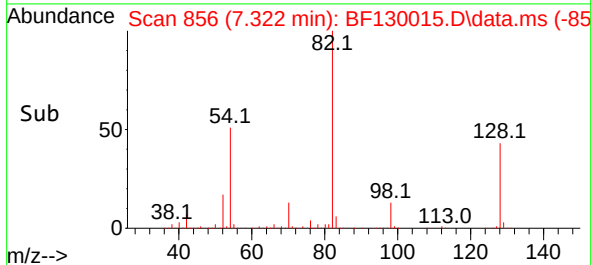
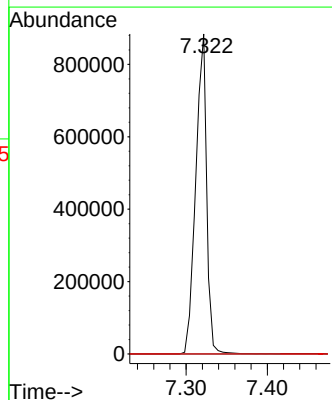
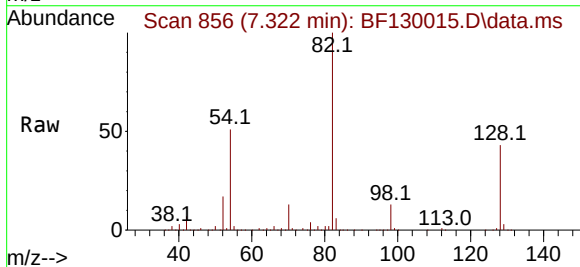
Instrument :
BNA_F
ClientSampleId :
Y-7RE

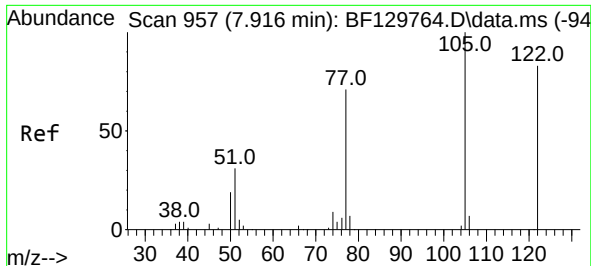
Tgt Ion: 82 Resp: 830638
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 51.1 40.0 60.0



#25
Isophorone
Concen: 48.880 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.265 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

Tgt Ion: 82 Resp: 830633
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

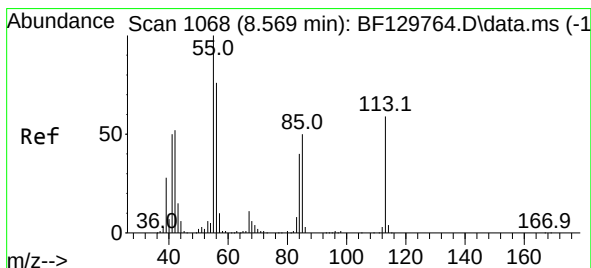
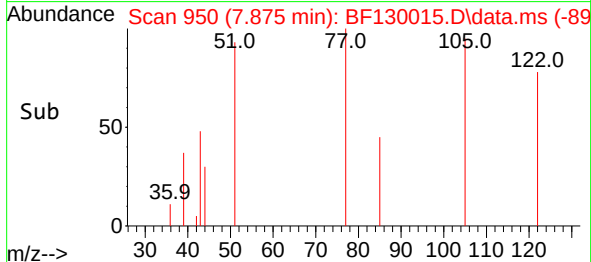
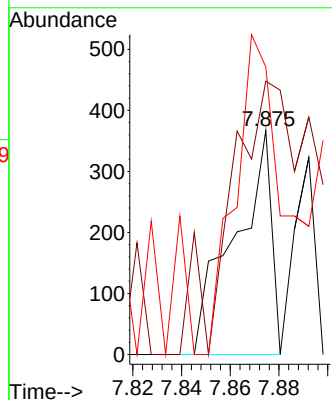
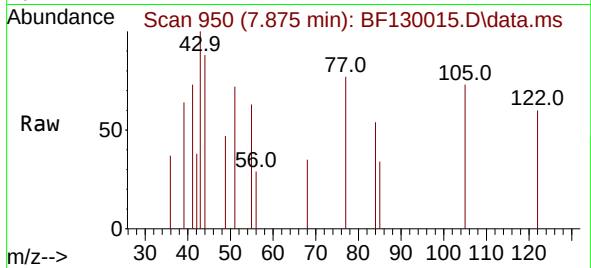




#32
Benzoic acid
Concen: 2.310 ng
RT: 7.875 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

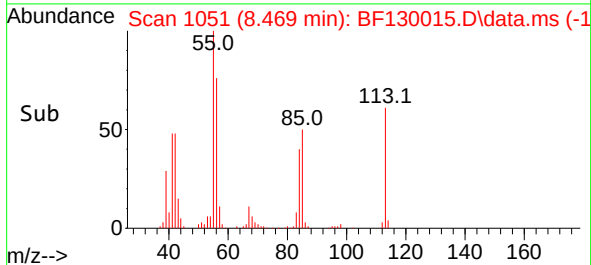
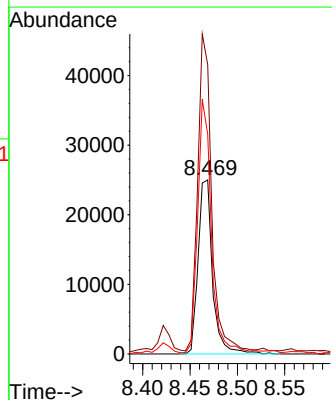
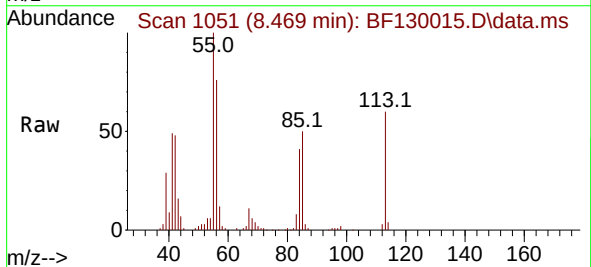
Instrument :
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Y-7RE

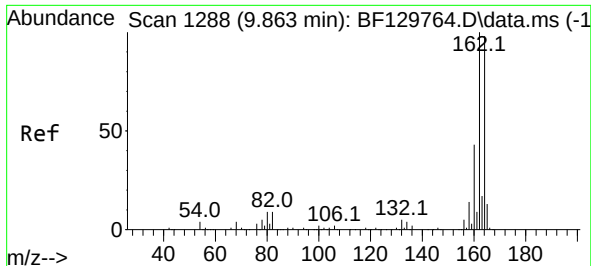
Tgt Ion:122 Resp: 385
Ion Ratio Lower Upper
122 100
105 122.1 99.9 139.9
77 128.3 65.9 105.9#



#35
Caprolactam
Concen: 11.155 ng
RT: 8.469 min Scan# 1051
Delta R.T. -0.041 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

Tgt Ion:113 Resp: 26638
Ion Ratio Lower Upper
113 100
55 166.0 148.8 188.8
56 126.1 109.1 149.1

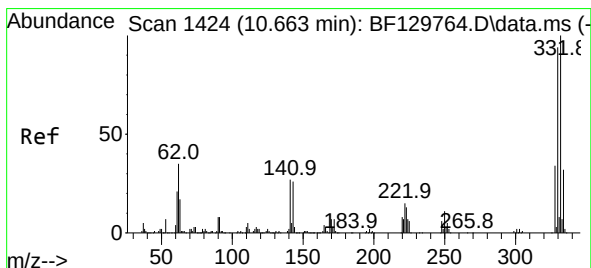
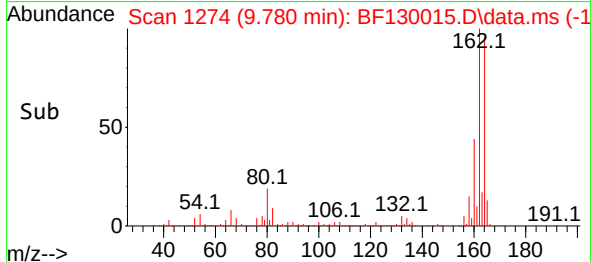
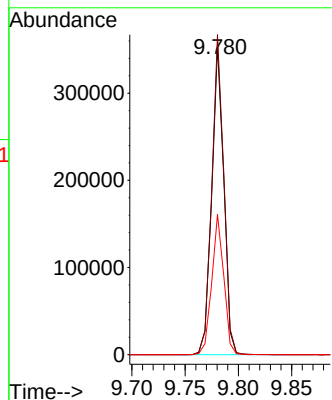
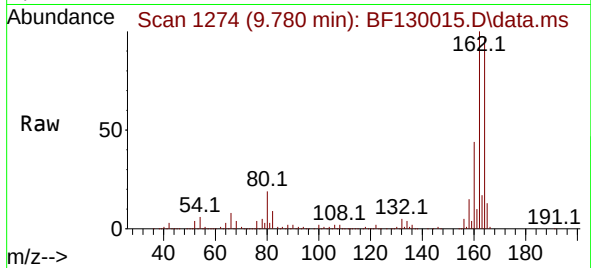




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

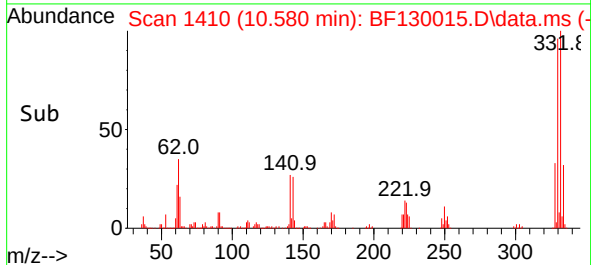
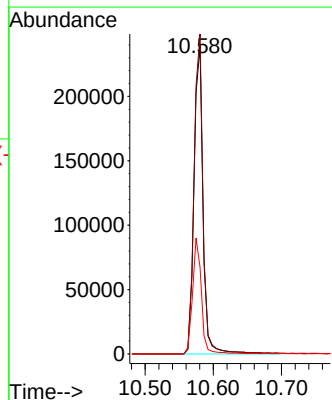
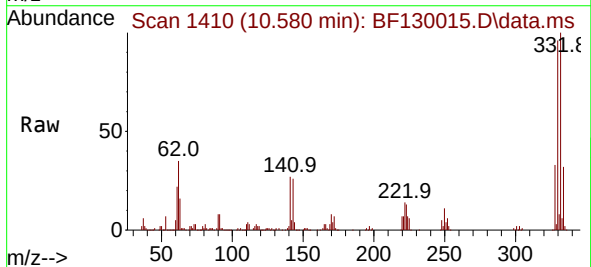
Instrument :
BNA_F
ClientSampleId :
Y-7RE

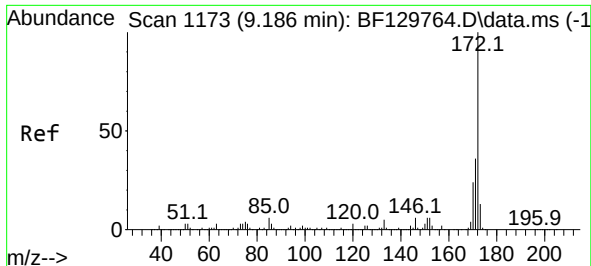
Tgt Ion:164 Resp: 278346
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 45.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 78.393 ng
RT: 10.580 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

Tgt Ion:330 Resp: 218999
Ion Ratio Lower Upper
330 100
332 103.3 82.6 124.0
141 36.8 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 83.189 ng

RT: 9.104 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF130015.D

Acq: 26 Aug 2022 12:47

Instrument :

BNA_F

ClientSampleId :

Y-7RE

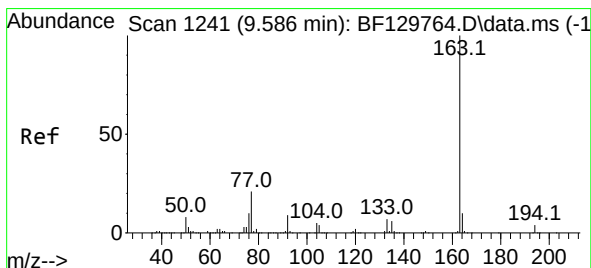
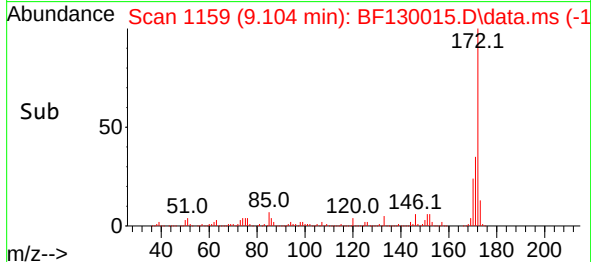
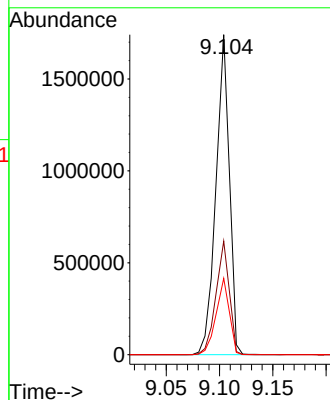
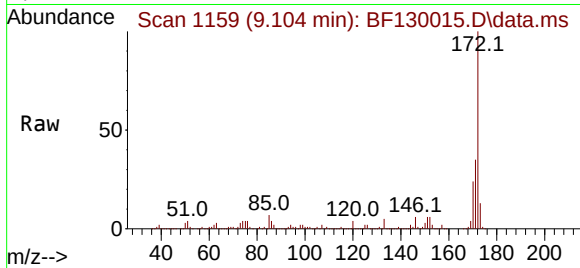
Tgt Ion:172 Resp: 1524583

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 19.1 28.7



#50

Dimethylphthalate

Concen: 2.446 ng

RT: 9.780 min Scan# 1274

Delta R.T. 0.259 min

Lab File: BF130015.D

Acq: 26 Aug 2022 12:47

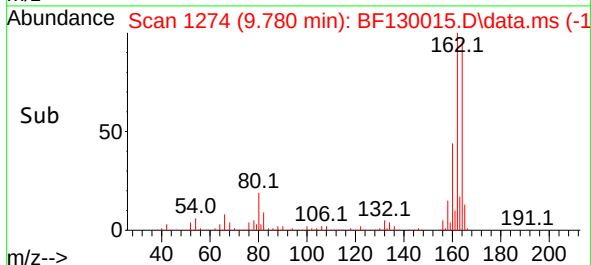
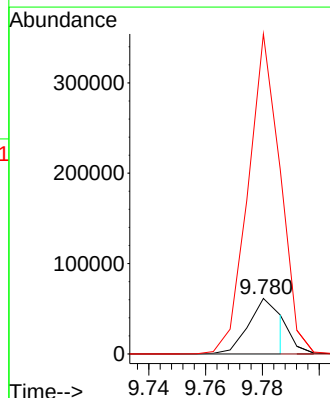
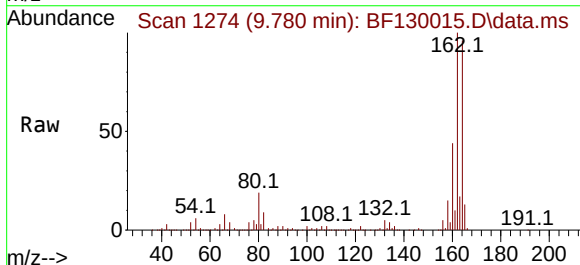
Tgt Ion:163 Resp: 48813

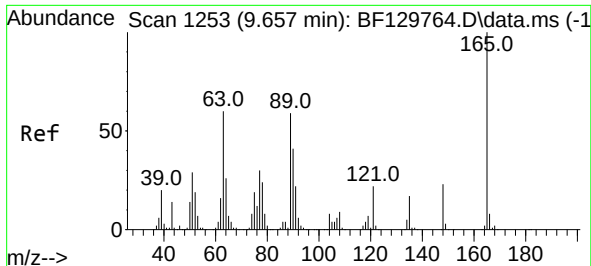
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 577.0 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 8.272 ng

RT: 9.780 min Scan# 1274

Delta R.T. 0.188 min

Lab File: BF130015.D

Acq: 26 Aug 2022 12:47

Instrument :

BNA_F

ClientSampleId :

Y-7RE

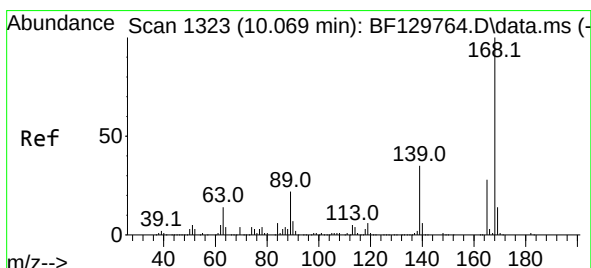
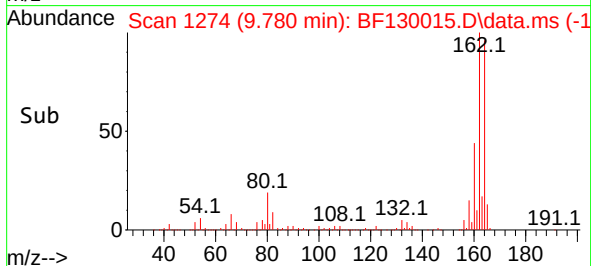
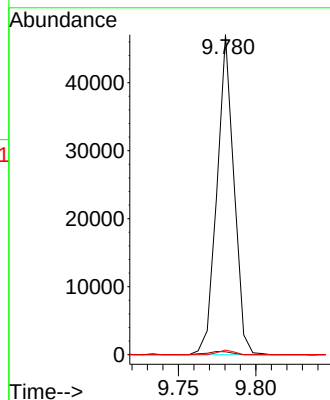
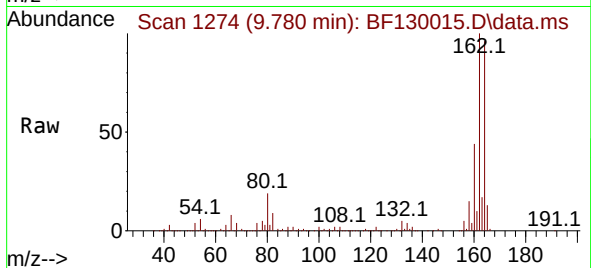
Tgt Ion:165 Resp: 35804

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: 6.372 ng

RT: 9.780 min Scan# 1274

Delta R.T. -0.224 min

Lab File: BF130015.D

Acq: 26 Aug 2022 12:47

Tgt Ion:165 Resp: 35804

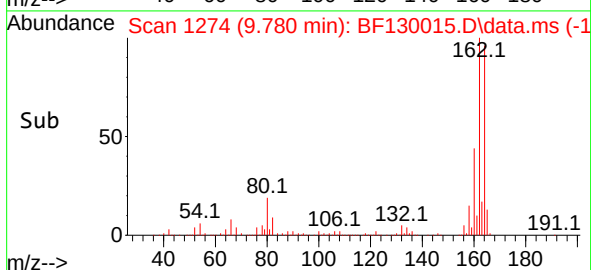
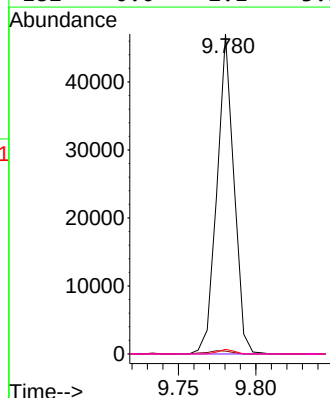
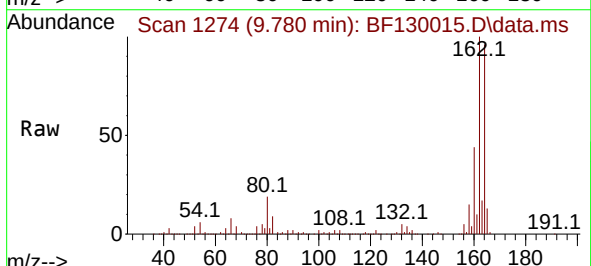
Ion Ratio Lower Upper

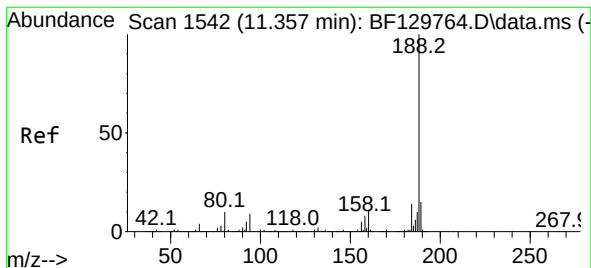
165 100

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# 1

Delta R.T. -0.012 min

Lab File: BF130015.D

Acq: 26 Aug 2022 12:47

Instrument :

BNA_F

ClientSampleId :

Y-7RE

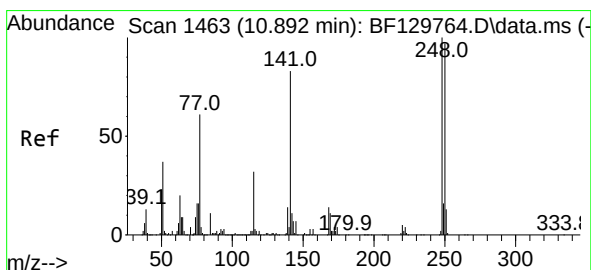
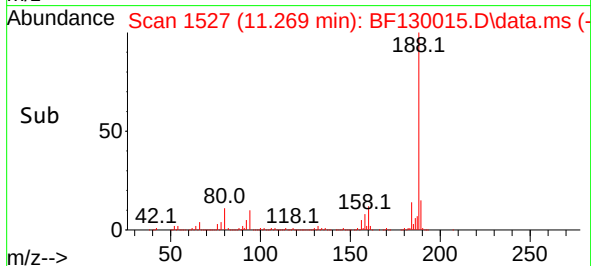
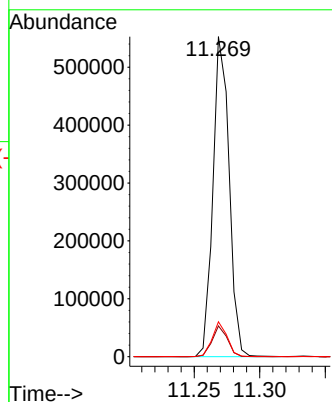
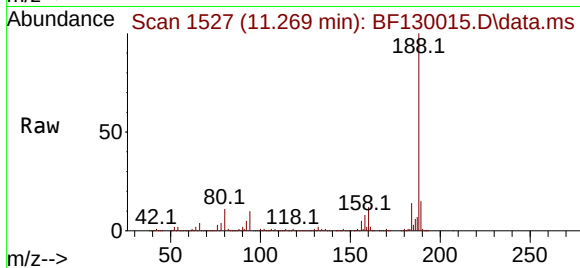
Tgt Ion:188 Resp: 474328

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.9 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 2.419 ng

RT: 10.574 min Scan# 1409

Delta R.T. -0.247 min

Lab File: BF130015.D

Acq: 26 Aug 2022 12:47

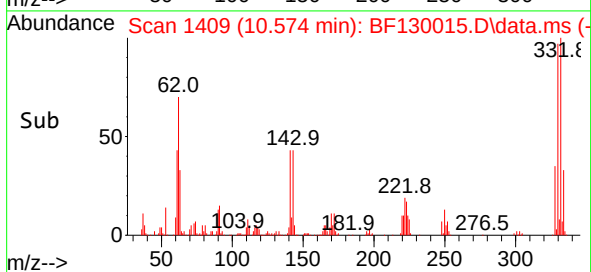
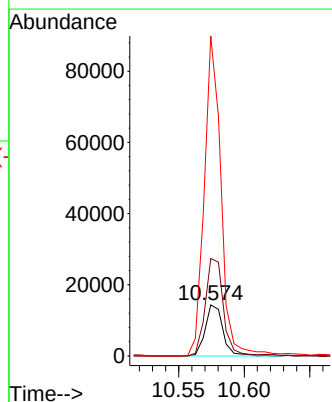
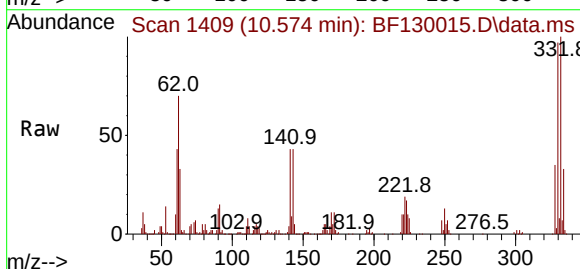
Tgt Ion:248 Resp: 13439

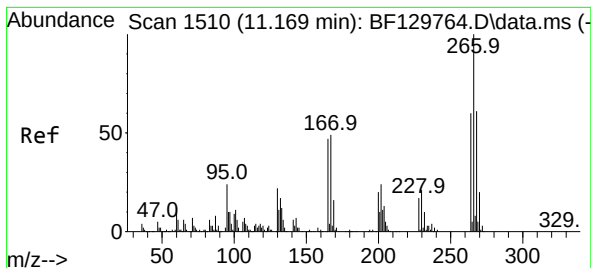
Ion Ratio Lower Upper

248 100

250 191.1 77.8 116.6#

141 627.4 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.214 ng

RT: 11.292 min Scan# 1

Delta R.T. 0.194 min

Lab File: BF130015.D

Acq: 26 Aug 2022 12:47

Instrument :

BNA_F

ClientSampleId :

Y-7RE

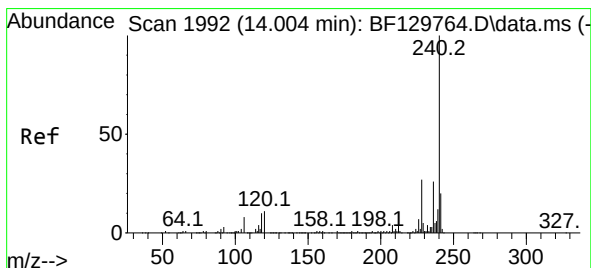
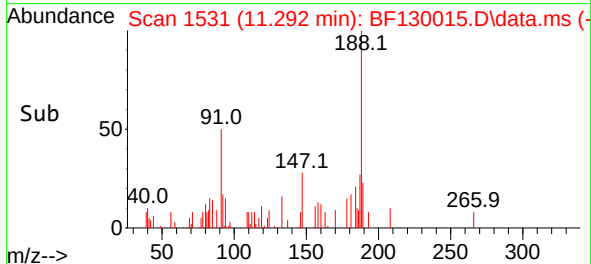
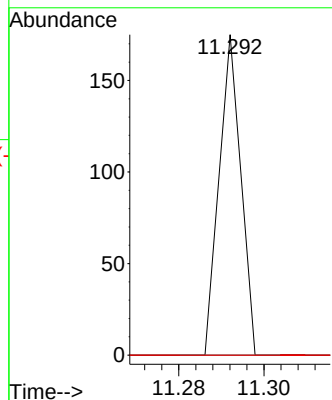
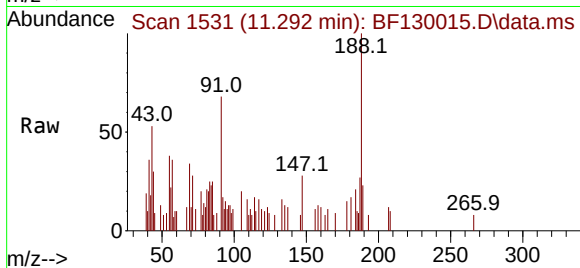
Tgt Ion:266 Resp: 62

Ion Ratio Lower Upper

266 100

268 0.0 49.0 73.4#

264 0.0 47.9 71.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 1978

Delta R.T. -0.006 min

Lab File: BF130015.D

Acq: 26 Aug 2022 12:47

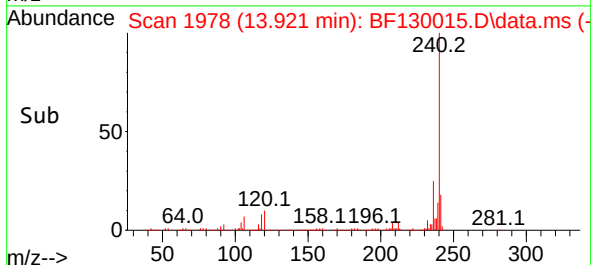
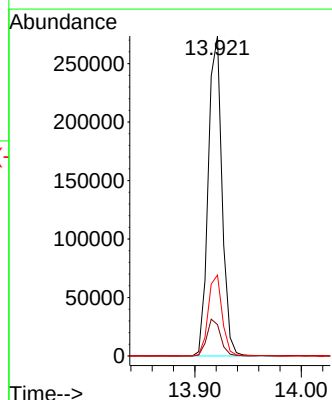
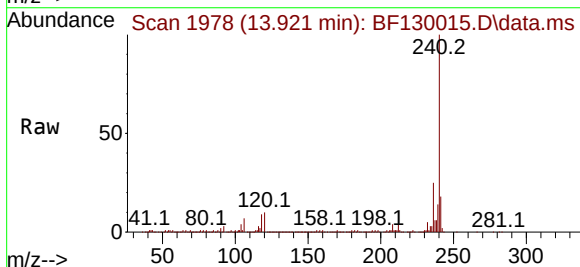
Tgt Ion:240 Resp: 246227

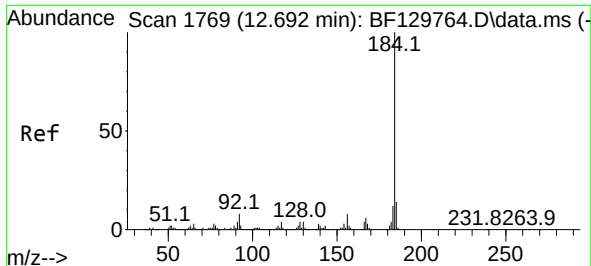
Ion Ratio Lower Upper

240 100

120 9.8 9.2 13.8

236 25.3 20.7 31.1

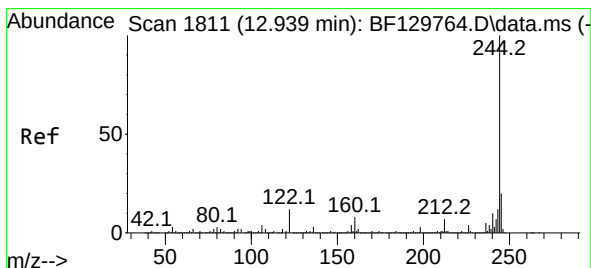
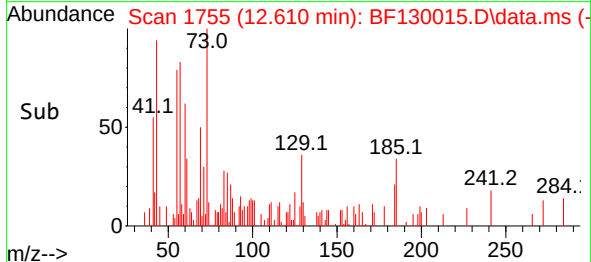
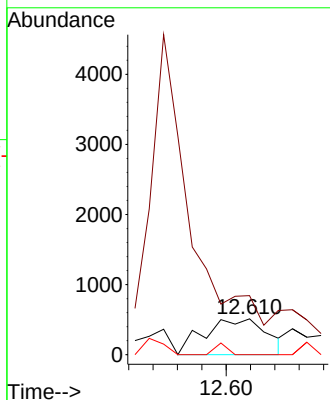
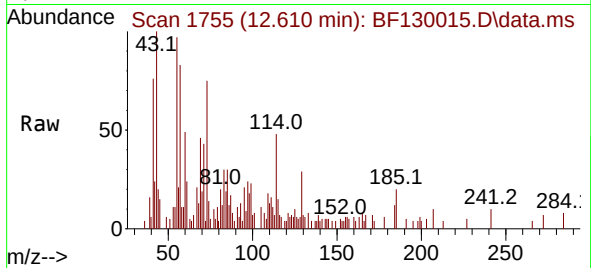




#77
Benzidine
Concen: Below Cal
RT: 12.610 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

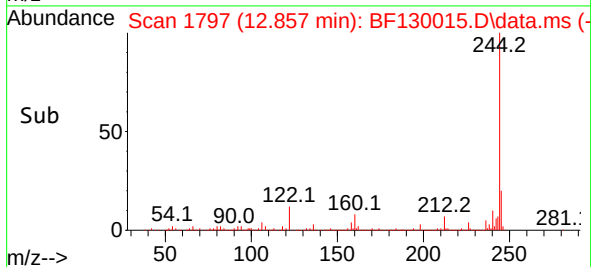
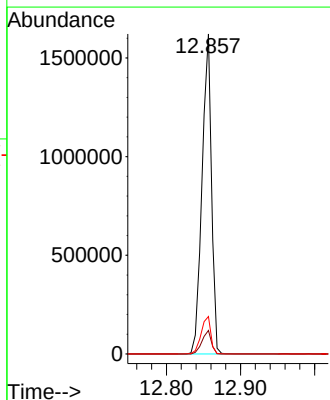
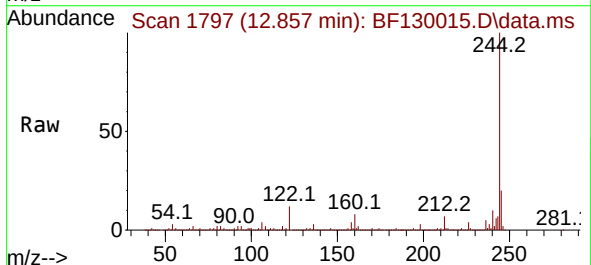
Instrument :
BNA_F
ClientSampleId :
Y-7RE

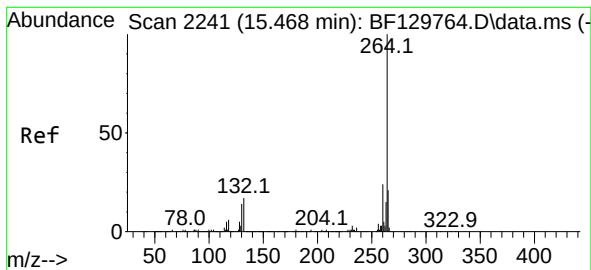
Tgt Ion:184 Resp: 914
Ion Ratio Lower Upper
184 100
185 164.8 11.4 17.2#
183 0.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 97.088 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

Tgt Ion:244 Resp: 1436690
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.7 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130015.D
Acq: 26 Aug 2022 12:47

Instrument :
BNA_F
ClientSampleId :
Y-7RE

Tgt Ion:264 Resp: 202546

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.6	16.7	25.1

