

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092222\
 Data File : BF130379.D
 Acq On : 22 Sep 2022 16:56
 Operator : CG\JU
 Sample : N4609-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Sep 22 17:16:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

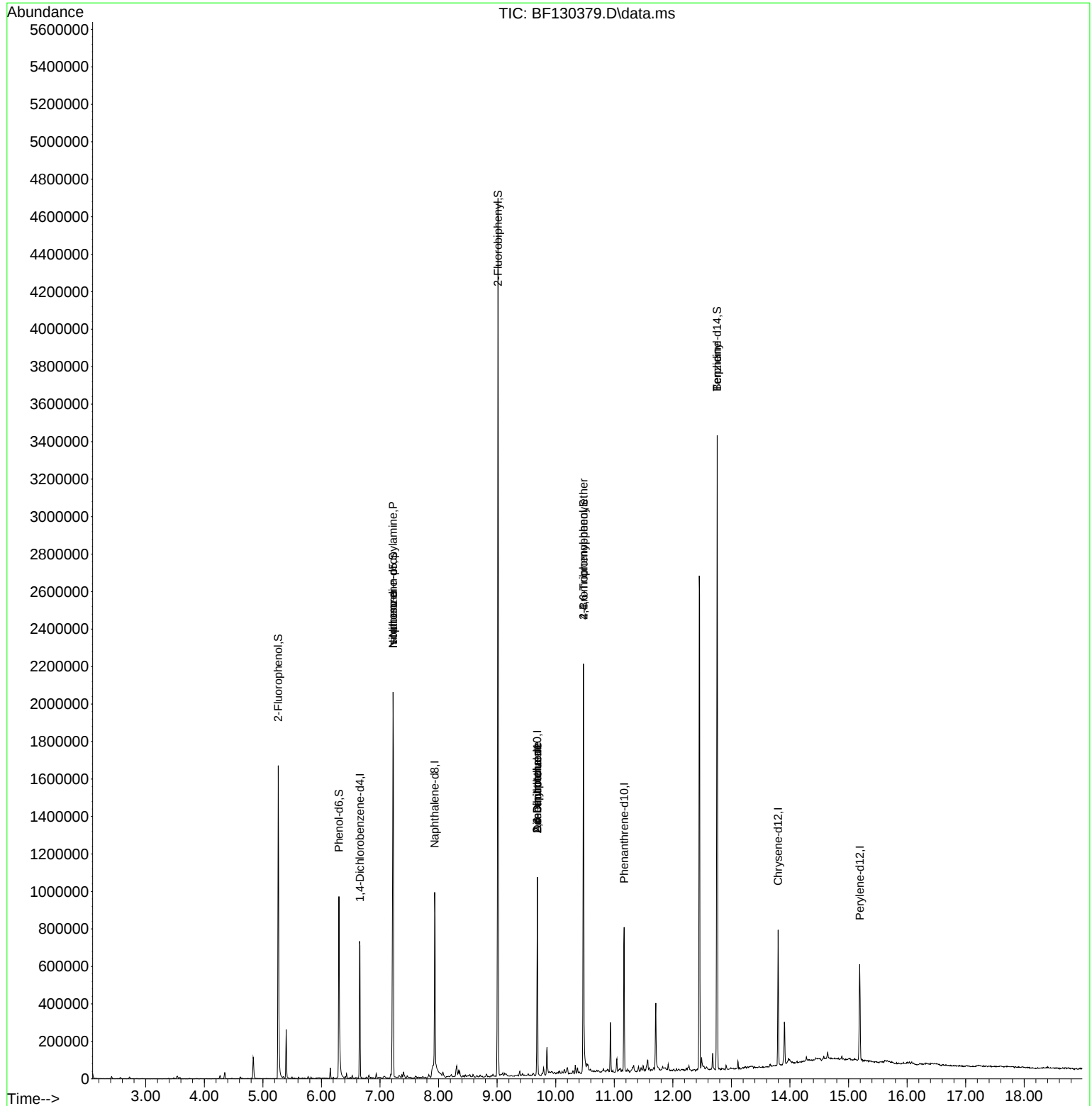
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	108756	20.000	ng	0.00
21) Naphthalene-d8	7.934	136	404283	20.000	ng	-0.01
39) Acenaphthene-d10	9.686	164	190554	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	269910	20.000	ng	0.00
76) Chrysene-d12	13.798	240	215835	20.000	ng	0.00
86) Perylene-d12	15.192	264	200754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	463109	73.858	ng	0.00
7) Phenol-d6	6.298	99	359022	45.761	ng	0.00
23) Nitrobenzene-d5	7.222	82	744732	94.110	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	265967	145.666	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1303397	99.604	ng	0.00
79) Terphenyl-d14	12.757	244	1067087	81.897	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.222	70	100349	18.955	ng	# 75
25) Isophorone	7.222	82	742649	58.226	ng	# 66
50) Dimethylphthalate	9.686	163	37325	2.836	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	24586	8.931	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	24586	6.988	ng	# 16
67) 4-Bromophenyl-phenylether	10.475	248	15943	5.354	ng	# 1
77) Benzidine	12.757	184	16476	2.630	ng	95

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

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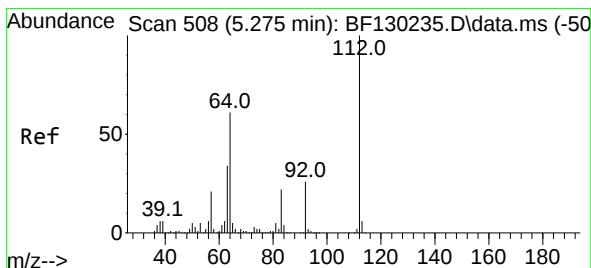
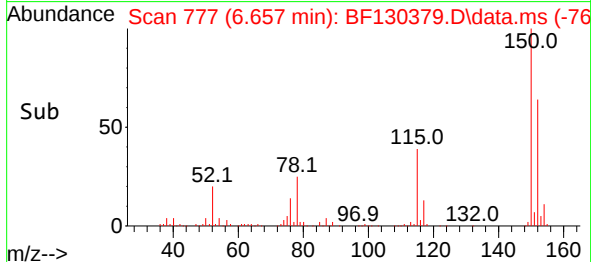
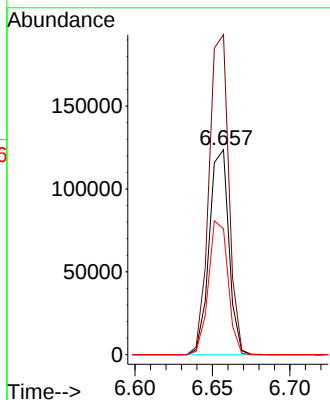
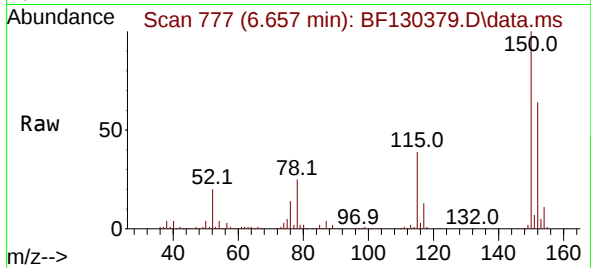




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

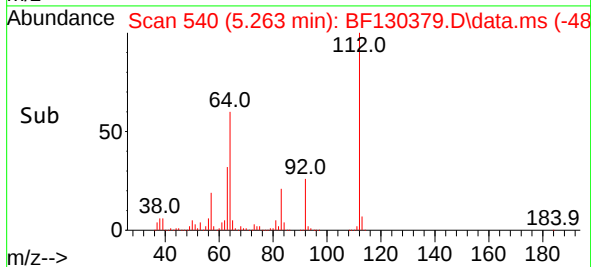
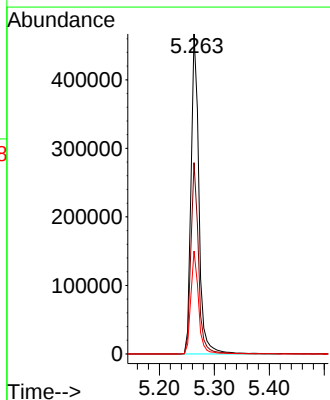
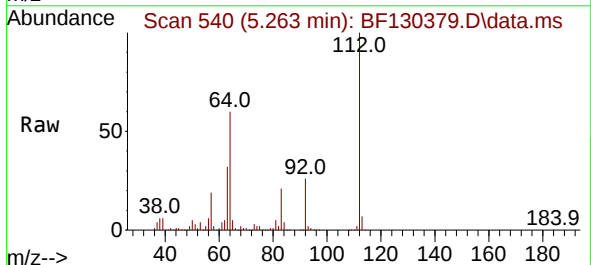
Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:152 Resp: 108756
Ion Ratio Lower Upper
152 100
150 156.2 122.8 184.2
115 61.4 53.8 80.8



#5
2-Fluorophenol
Concen: 73.858 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

Tgt Ion:112 Resp: 463109
Ion Ratio Lower Upper
112 100
64 59.8 51.4 77.0
63 32.2 28.8 43.2

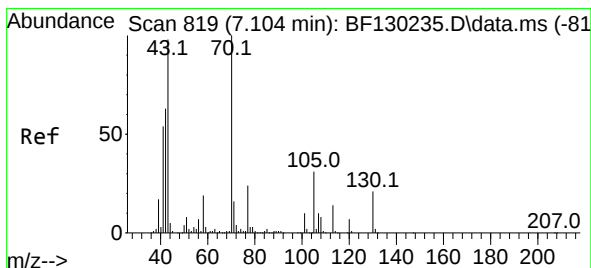
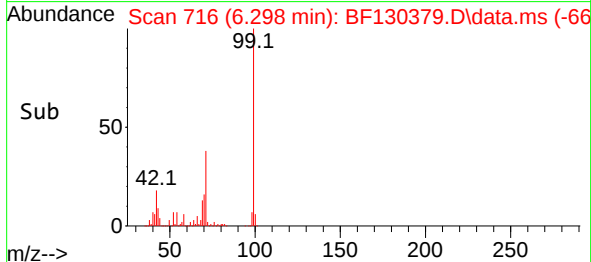
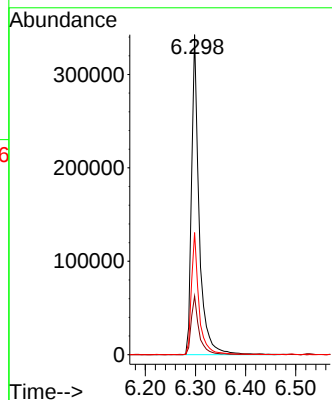
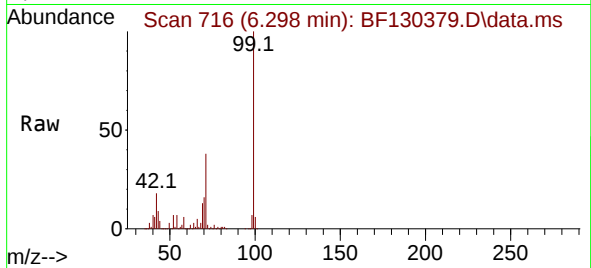




#7
Phenol-d6
Concen: 45.761 ng
RT: 6.298 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

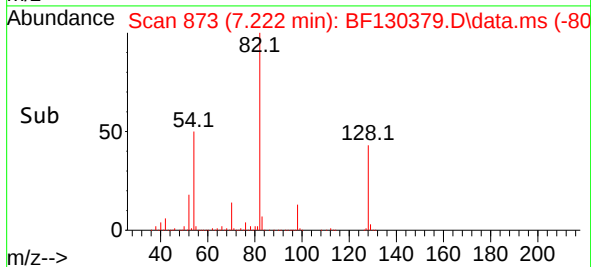
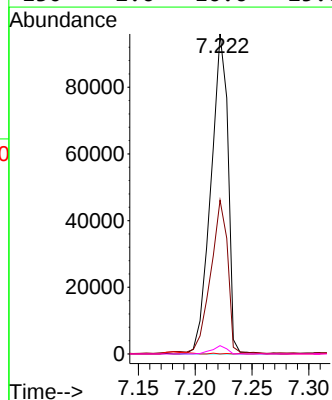
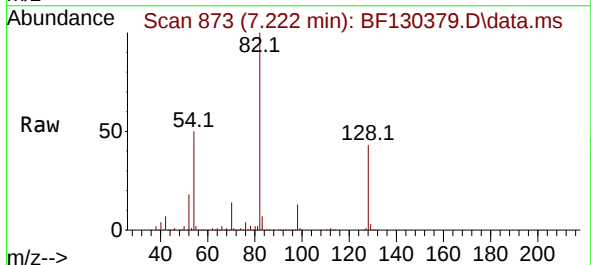
Instrument :
BNA_F
ClientSampleId :
DSN001

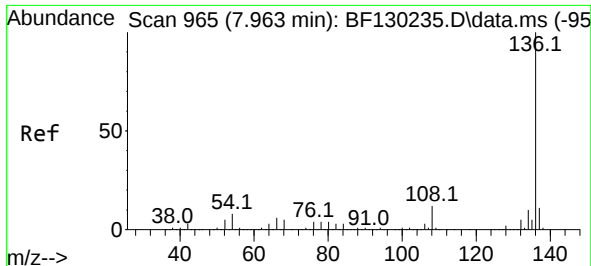
Tgt Ion: 99 Resp: 359022
Ion Ratio Lower Upper
99 100
42 18.3 17.0 25.6
71 38.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.955 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.129 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

Tgt Ion: 70 Resp: 100349
Ion Ratio Lower Upper
70 100
42 48.1 50.8 76.2#
101 0.0 8.2 12.4#
130 2.6 16.6 25.0#

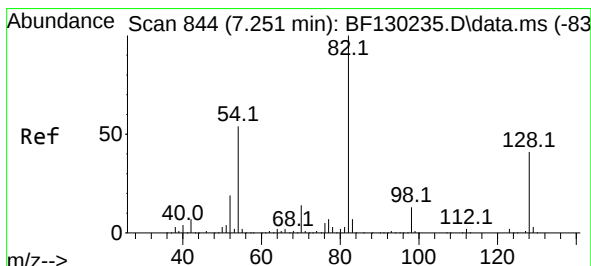
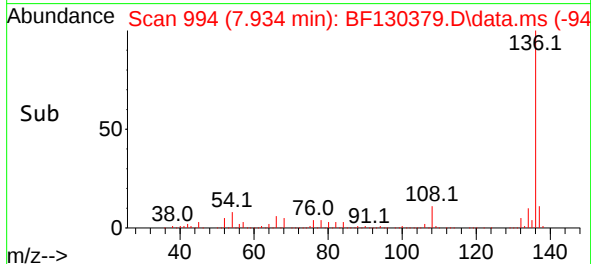
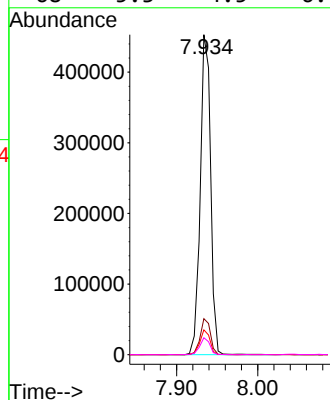
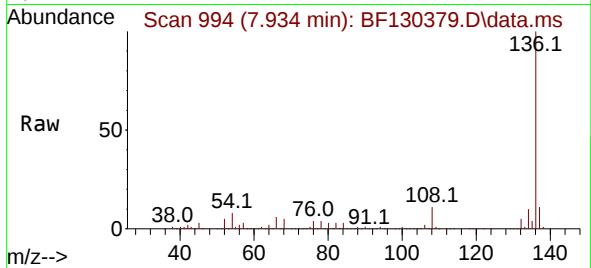




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

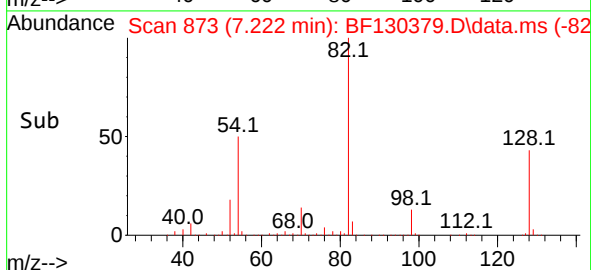
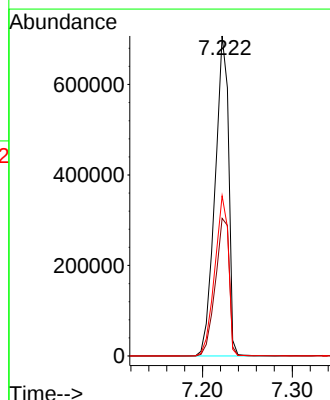
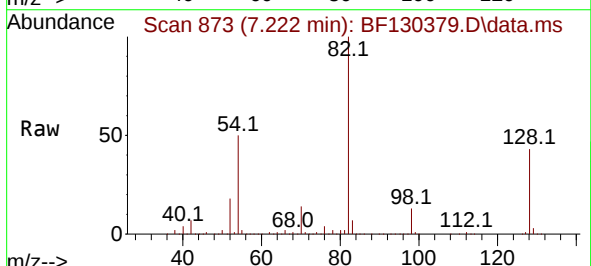
Instrument :
BNA_F
ClientSampleId :
DSN001

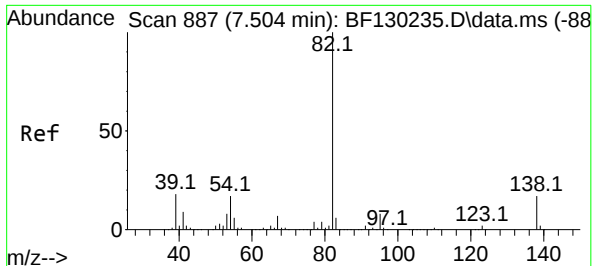
Tgt Ion:136 Resp: 404283
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.8 7.1 10.7
68 5.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 94.110 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

Tgt Ion: 82 Resp: 744732
Ion Ratio Lower Upper
82 100
128 43.0 32.6 49.0
54 50.0 43.8 65.6

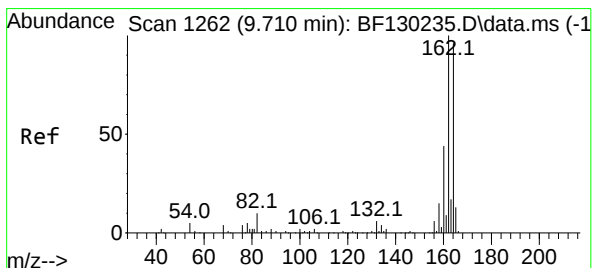
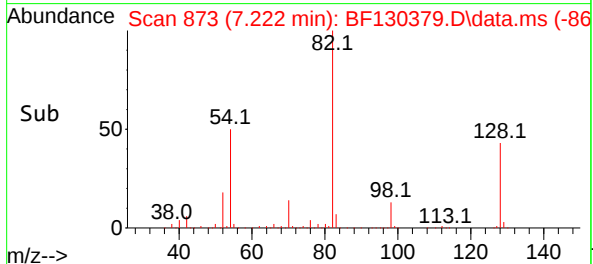
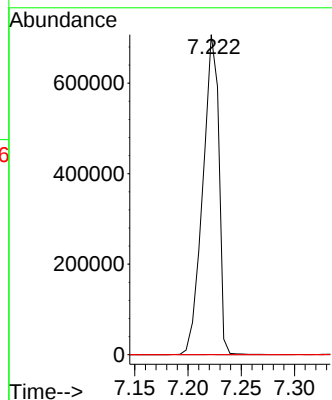
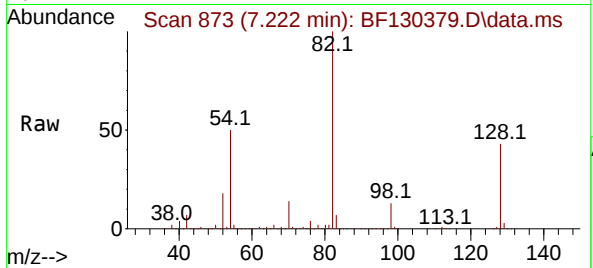




#25
Isophorone
Concen: 58.226 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

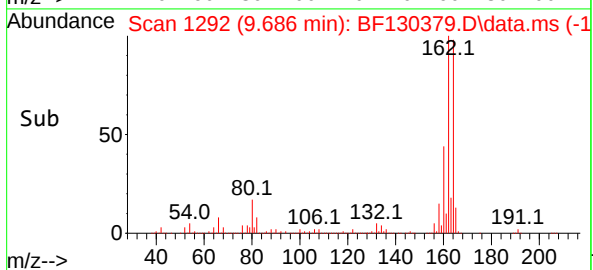
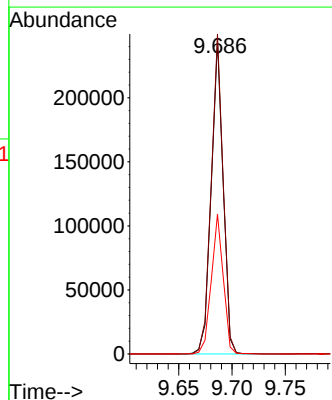
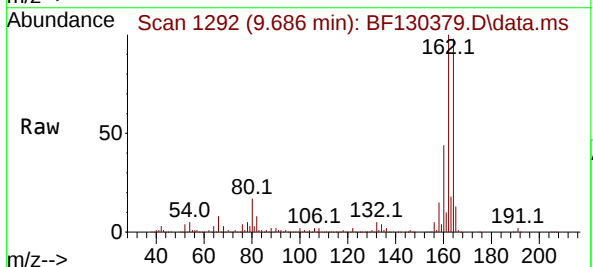
Instrument :
BNA_F
ClientSampleId :
DSN001

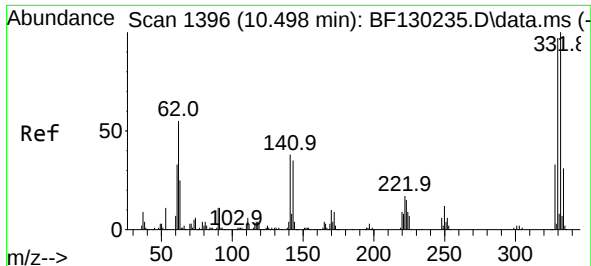
Tgt Ion: 82 Resp: 742649
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

Tgt Ion:164 Resp: 190554
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 145.666 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130379.D

Acq: 22 Sep 2022 16:56

Instrument :

BNA_F

ClientSampleId :

DSN001

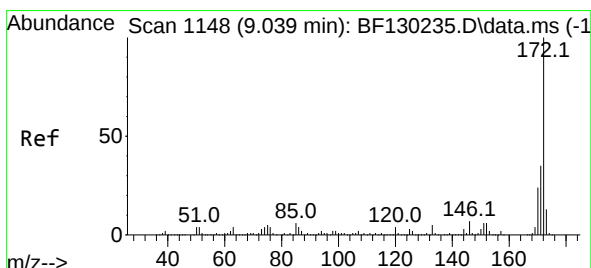
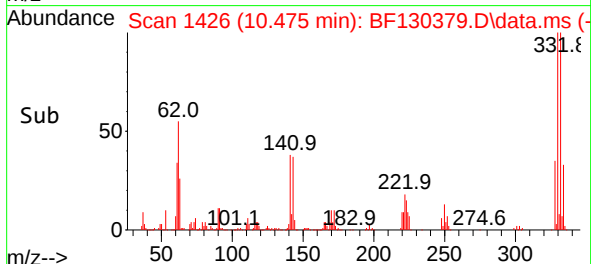
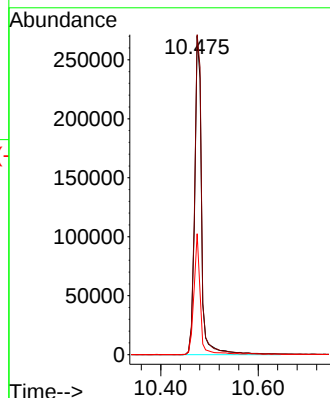
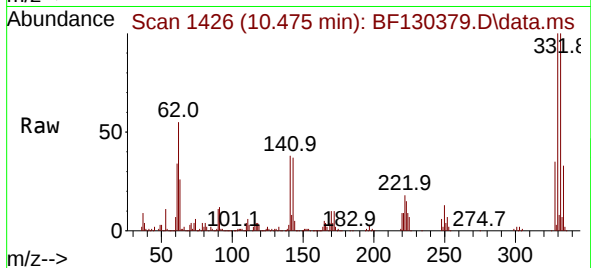
Tgt Ion:330 Resp: 265967

Ion Ratio Lower Upper

330 100

332 102.1 83.4 125.2

141 35.2 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 99.604 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130379.D

Acq: 22 Sep 2022 16:56

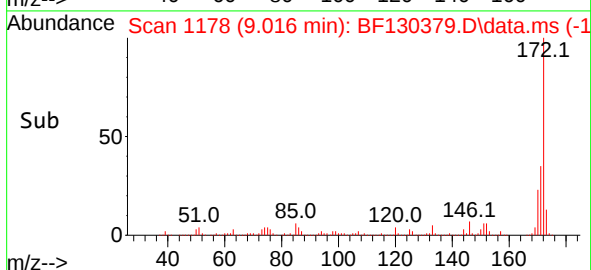
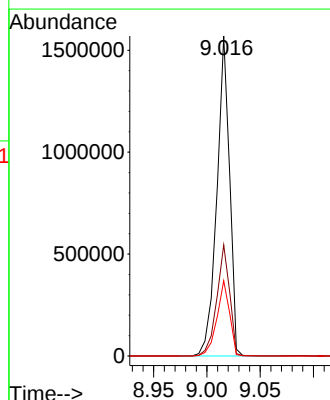
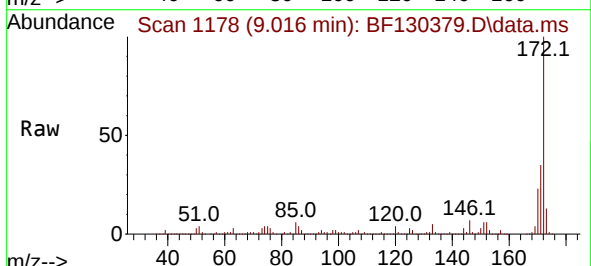
Tgt Ion:172 Resp: 1303397

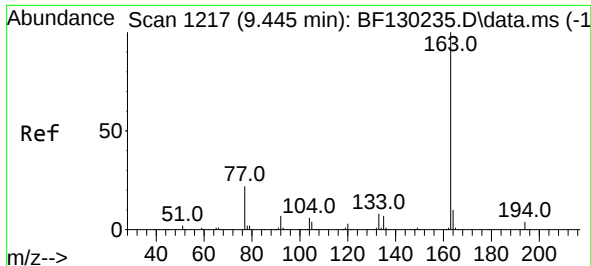
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.5 18.7 28.1

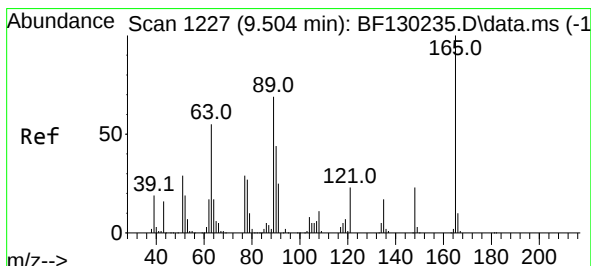
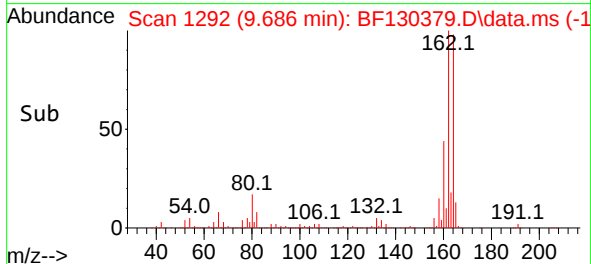
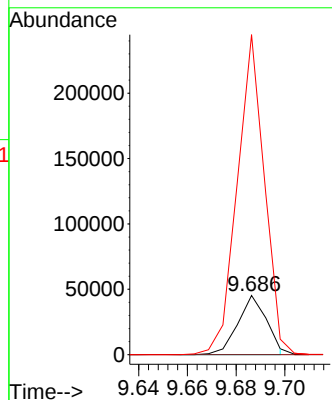
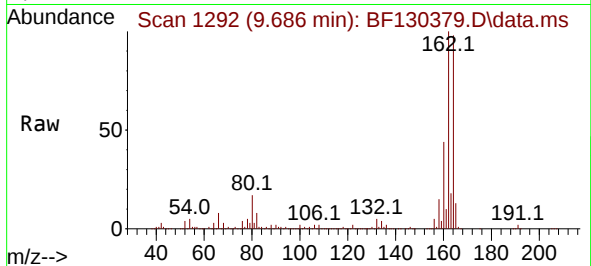




#50
Dimethylphthalate
Concen: 2.836 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.259 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

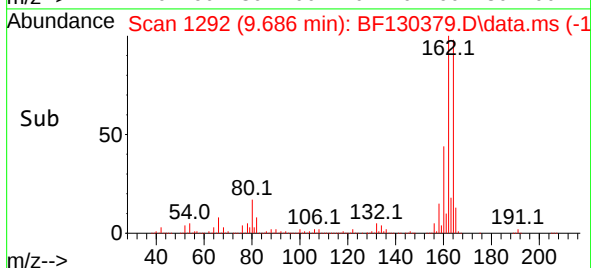
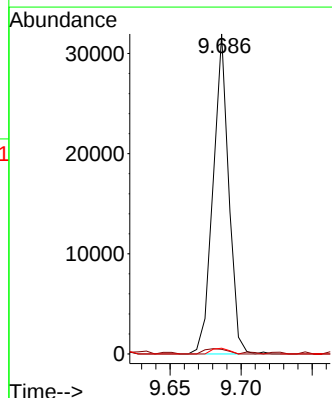
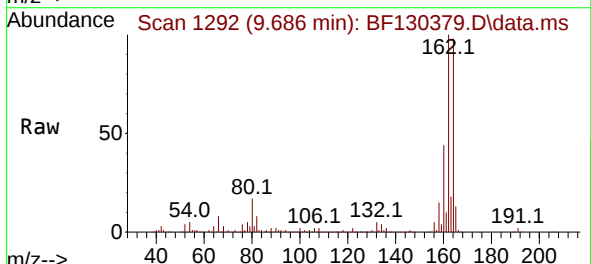
Instrument :
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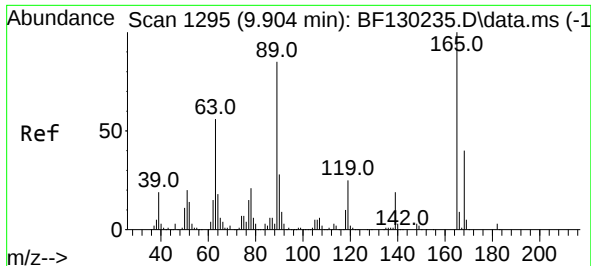
Tgt Ion:163 Resp: 37325
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 540.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.931 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

Tgt Ion:165 Resp: 24586
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 1.8 54.5 81.7#





#57

2,4-Dinitrotoluene

Concen: 6.988 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.200 min

Lab File: BF130379.D

Acq: 22 Sep 2022 16:56

Instrument :

BNA_F

ClientSampleId :

DSN001

Tgt Ion:165 Resp: 24586

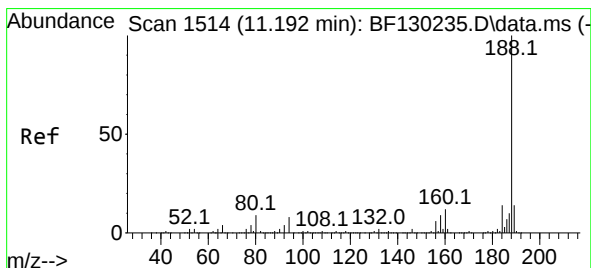
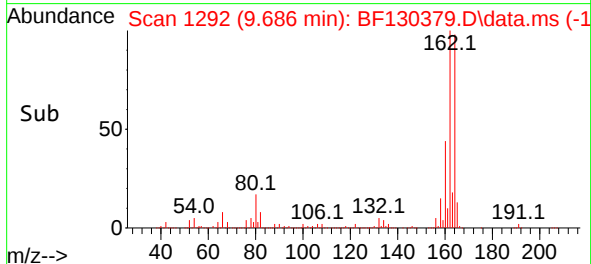
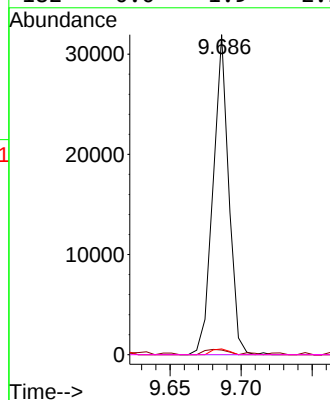
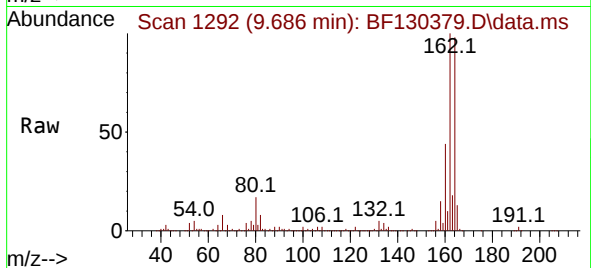
Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

89 1.8 69.0 103.4#

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.006 min

Lab File: BF130379.D

Acq: 22 Sep 2022 16:56

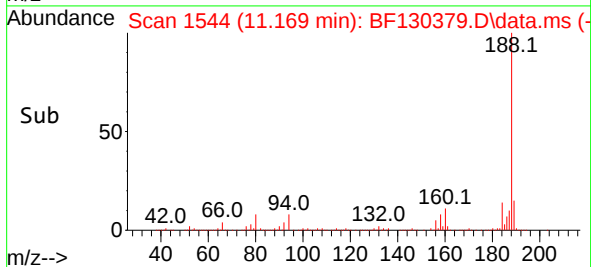
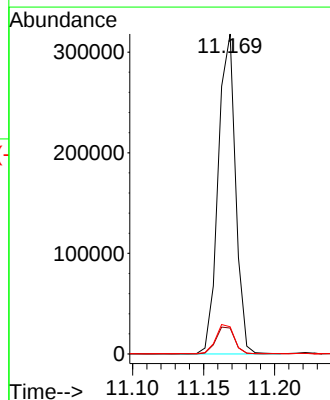
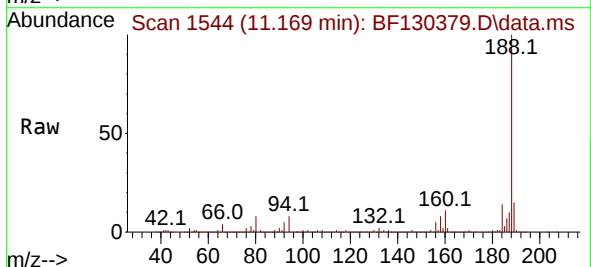
Tgt Ion:188 Resp: 269910

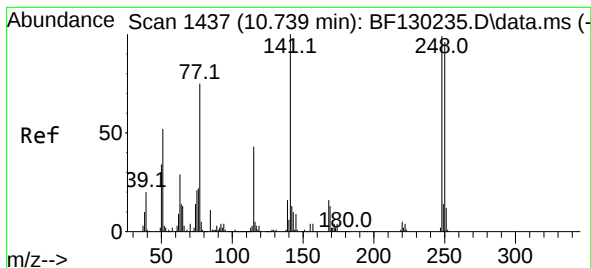
Ion Ratio Lower Upper

188 100

94 8.1 7.4 11.2

80 8.5 7.9 11.9

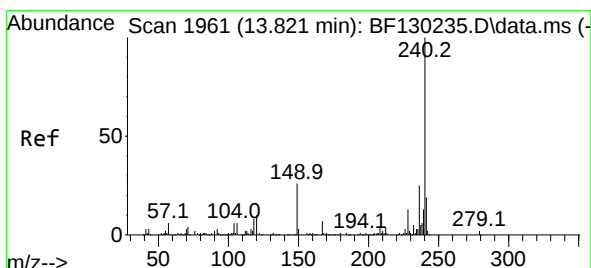
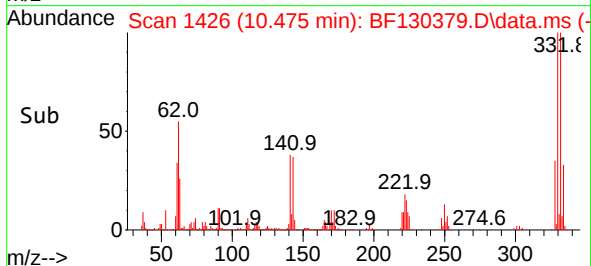
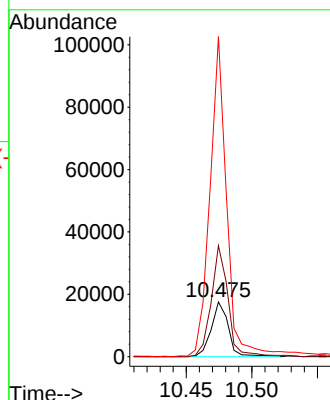
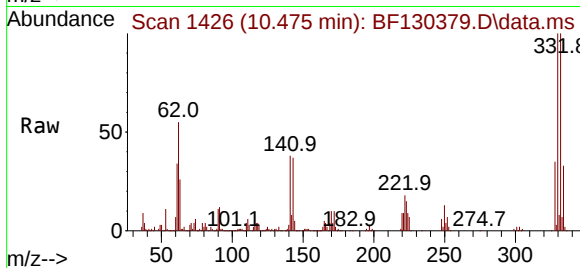




#67
4-Bromophenyl-phenylether
Concen: 5.354 ng
RT: 10.475 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

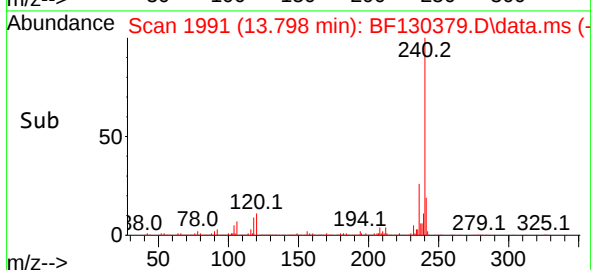
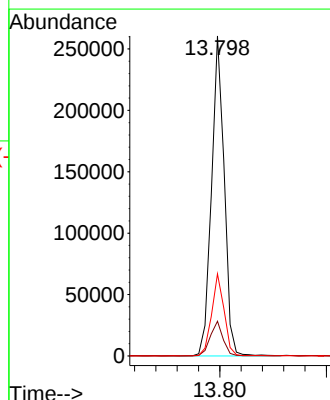
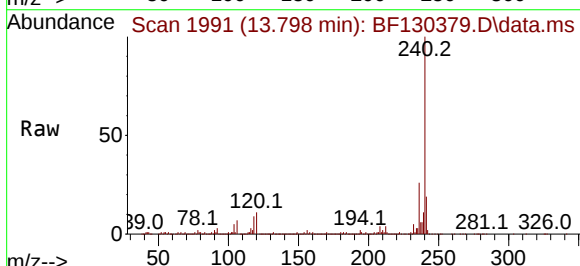
Instrument :
BNA_F
ClientSampleId :
DSN001

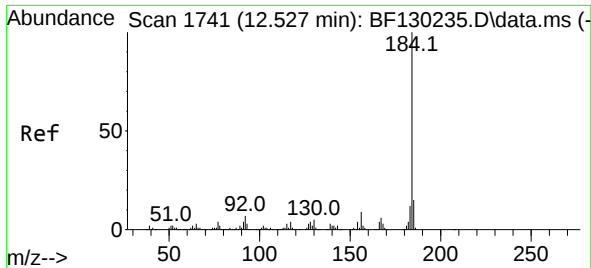
Tgt Ion:248 Resp: 15943
Ion Ratio Lower Upper
248 100
250 203.1 80.0 120.0#
141 585.4 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

Tgt Ion:240 Resp: 215835
Ion Ratio Lower Upper
240 100
120 10.9 8.7 13.1
236 25.7 20.9 31.3

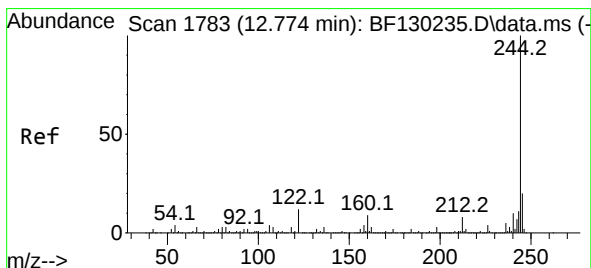
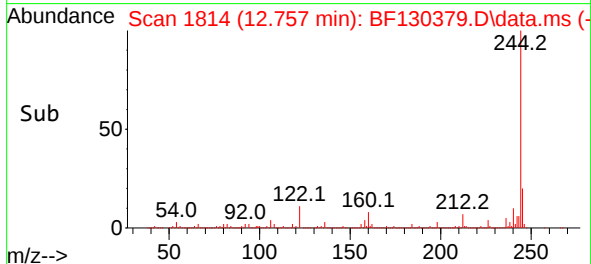
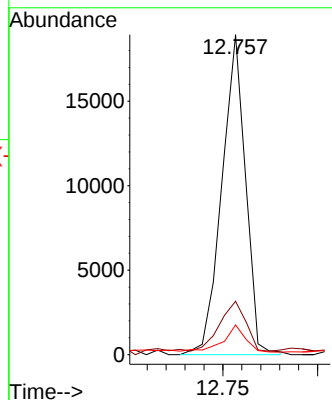
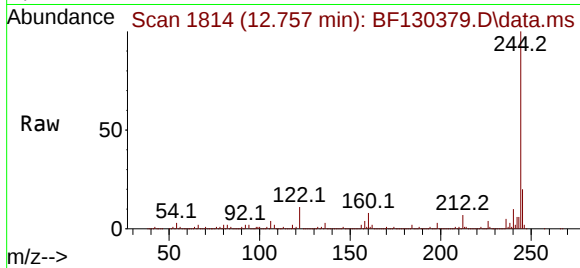




#77
Benzidine
Concen: 2.630 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.247 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

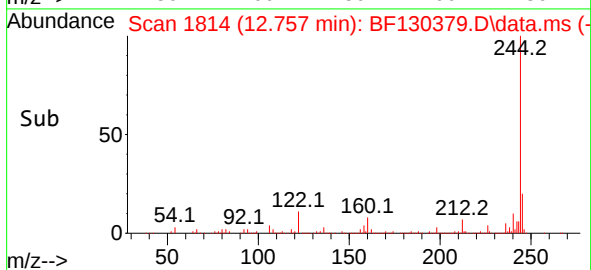
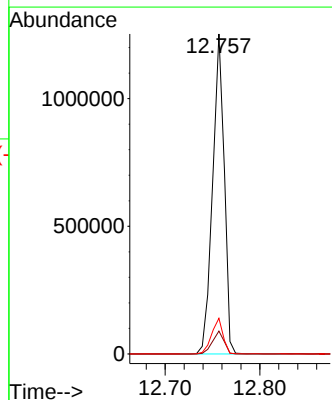
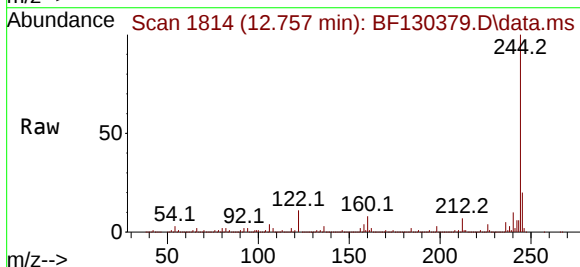
Instrument :
BNA_F
ClientSampleId :
DSN001

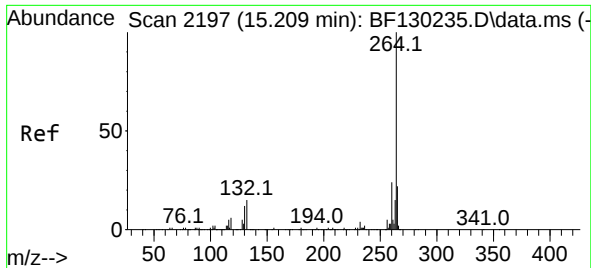
Tgt Ion:184 Resp: 16476
Ion Ratio Lower Upper
184 100
185 16.7 11.8 17.6
183 9.3 9.1 13.7



#79
Terphenyl-d14
Concen: 81.897 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

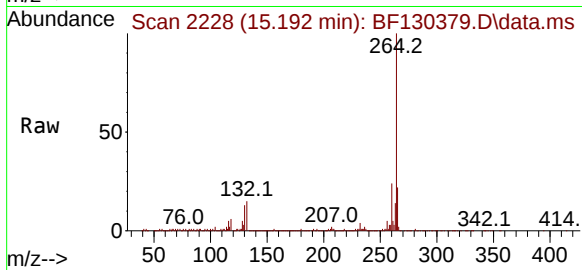
Tgt Ion:244 Resp: 1067087
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.1 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130379.D
Acq: 22 Sep 2022 16:56

Instrument :
BNA_F
ClientSampleId :
DSN001



Tgt Ion:264 Resp: 200754

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.5	17.0	25.4

