

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130403.D
 Acq On : 26 Sep 2022 11:48
 Operator : CG\JU
 Sample : N4609-04RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN002RE

Quant Time: Sep 27 01:03:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

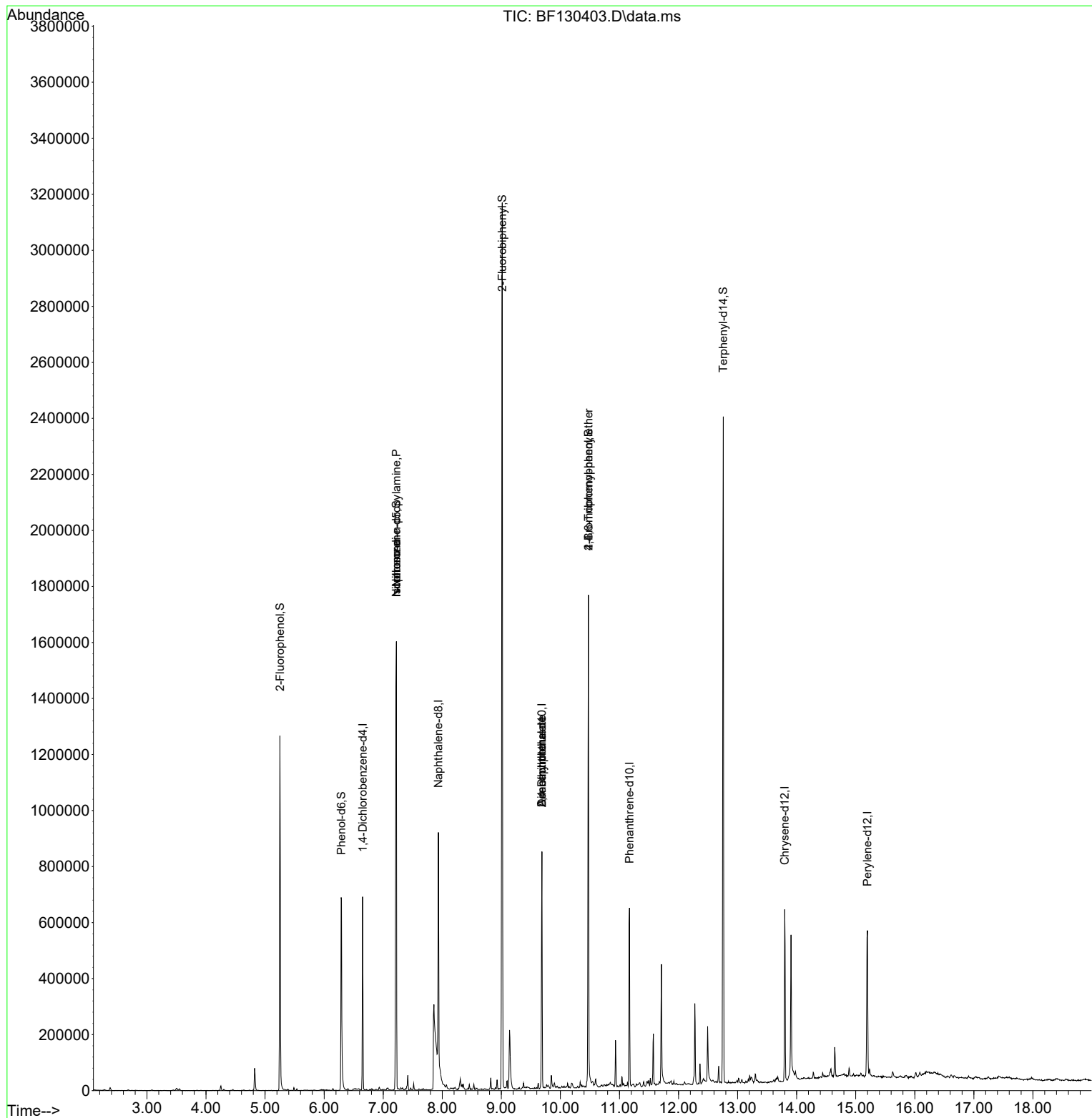
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	88863	20.000	ng	0.00
21) Naphthalene-d8	7.934	136	329617	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	160973	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	231135	20.000	ng	# 0.00
76) Chrysene-d12	13.798	240	185232	20.000	ng	0.00
86) Perylene-d12	15.198	264	220456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	335245	65.434	ng	0.00
7) Phenol-d6	6.293	99	254107	39.639	ng	0.00
23) Nitrobenzene-d5	7.222	82	537476	83.305	ng	0.00
42) 2,4,6-Tribromophenol	10.475	330	199269	129.192	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	967458	87.518	ng	0.00
79) Terphenyl-d14	12.757	244	749377	67.015	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.222	70	73418	16.973	ng	# 72
25) Isophorone	7.222	82	537469	51.685	ng	# 66
50) Dimethylphthalate	9.686	163	29966	2.695	ng	# 1
57) 2,4-Dinitrotoluene	9.686	165	20406	6.866	ng	# 16
67) 4-Bromophenyl-phenylether	10.475	248	11903	4.668	ng	# 1

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

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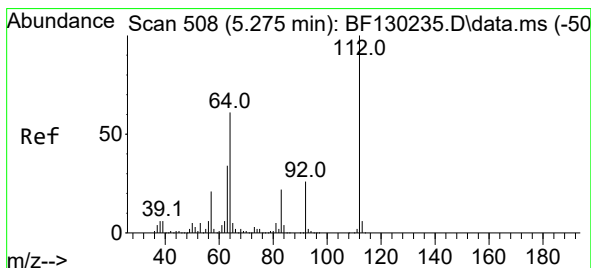
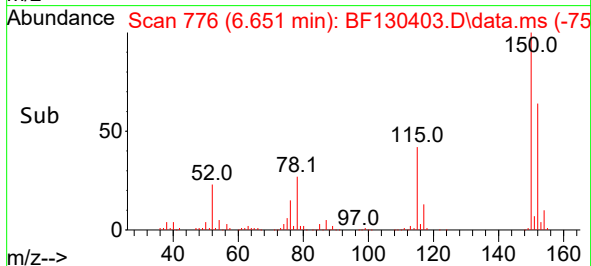
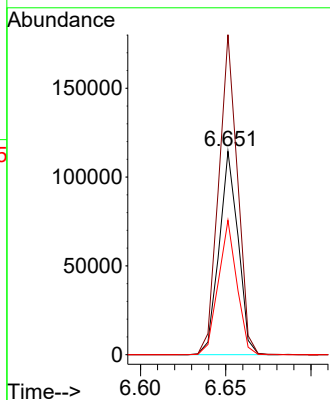
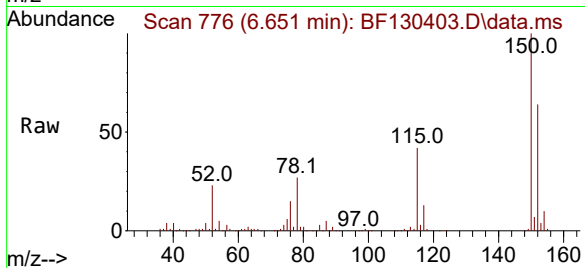




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130403.D
Acq: 26 Sep 2022 11:48

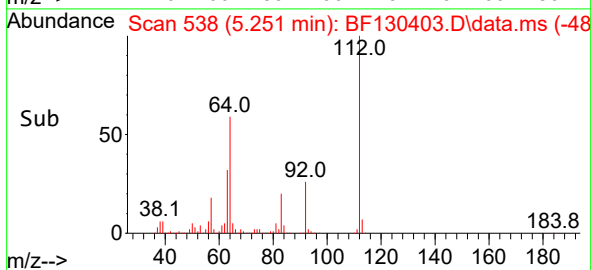
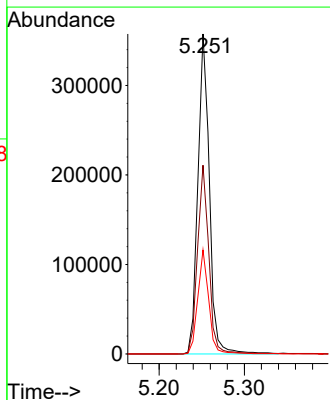
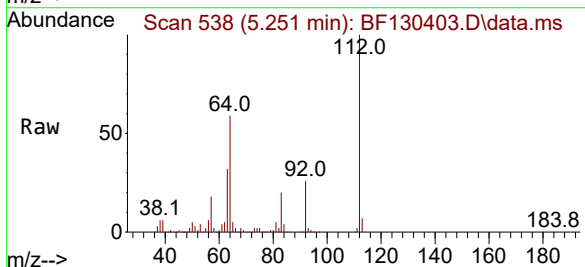
Instrument :
BNA_F
ClientSampleId :
DSN002RE

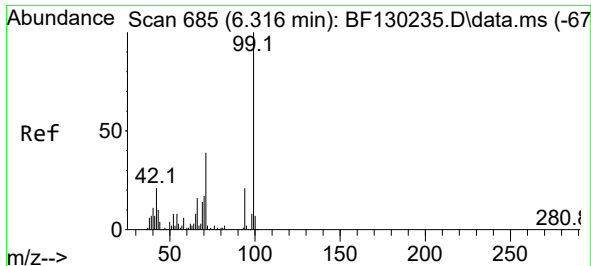
Tgt Ion:152 Resp: 88863
Ion Ratio Lower Upper
152 100
150 157.3 122.8 184.2
115 66.1 53.8 80.8



#5
2-Fluorophenol
Concen: 65.434 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130403.D
Acq: 26 Sep 2022 11:48

Tgt Ion:112 Resp: 335245
Ion Ratio Lower Upper
112 100
64 59.0 51.4 77.0
63 32.5 28.8 43.2

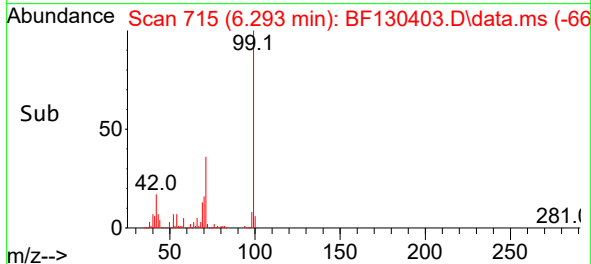
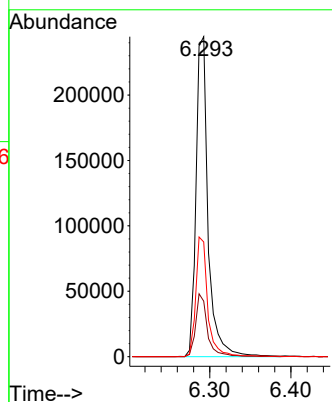
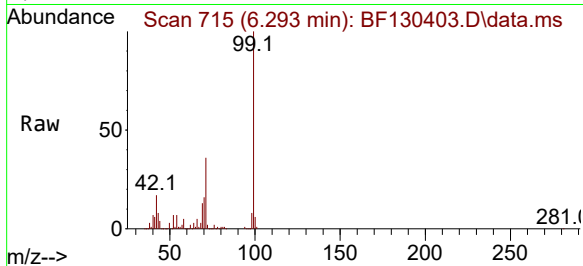




#7
Phenol-d6
Concen: 39.639 ng
RT: 6.293 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130403.D
Acq: 26 Sep 2022 11:48

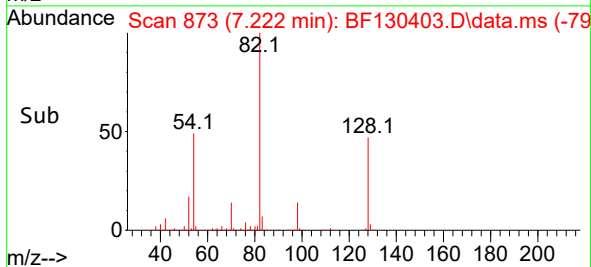
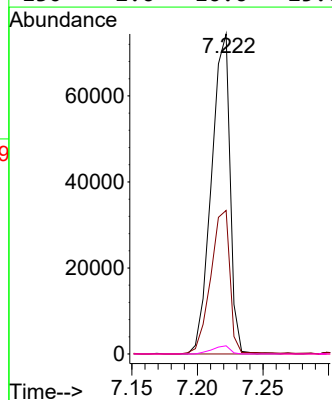
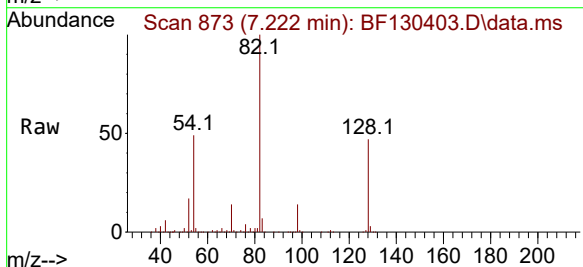
Instrument :
BNA_F
ClientSampleId :
DSN002RE

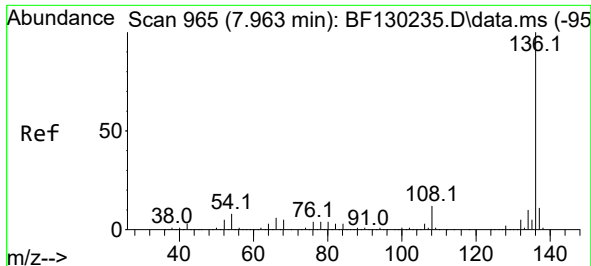
Tgt Ion: 99 Resp: 254107
Ion Ratio Lower Upper
99 100
42 17.4 17.0 25.6
71 35.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.973 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF130403.D
Acq: 26 Sep 2022 11:48

Tgt Ion: 70 Resp: 73418
Ion Ratio Lower Upper
70 100
42 44.8 50.8 76.2#
101 0.0 8.2 12.4#
130 2.6 16.6 25.0#

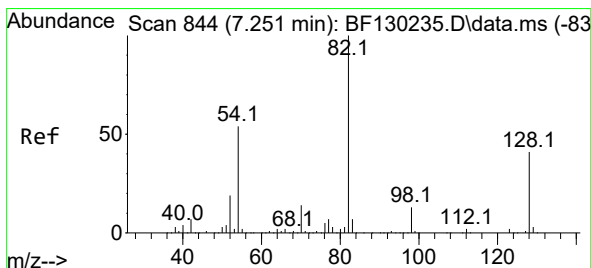
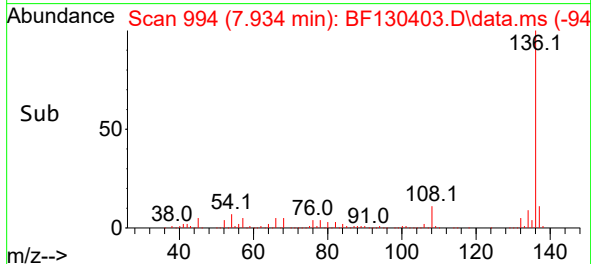
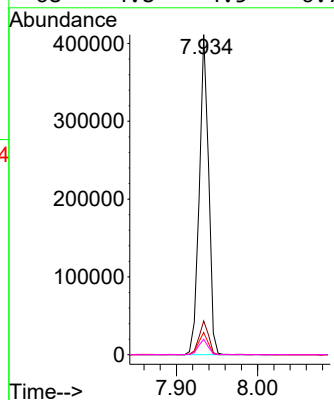
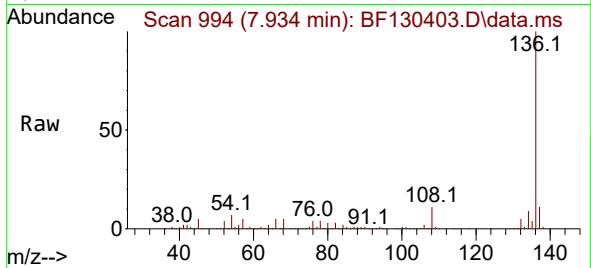




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130403.D
Acq: 26 Sep 2022 11:48

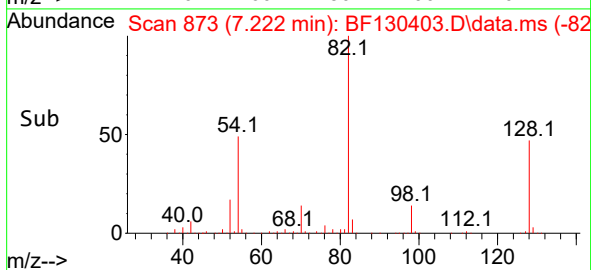
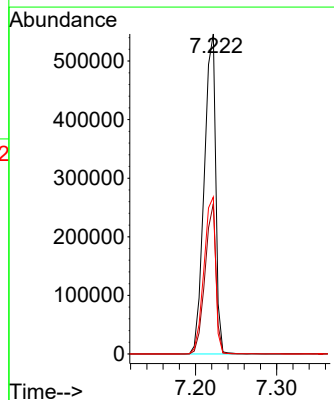
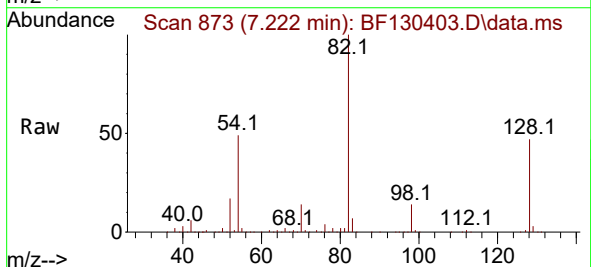
Instrument :
BNA_F
ClientSampleId :
DSN002RE

Tgt Ion:136 Resp: 329617
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 7.0 7.1 10.7#
68 4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 83.305 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.000 min
Lab File: BF130403.D
Acq: 26 Sep 2022 11:48

Tgt Ion: 82 Resp: 537476
Ion Ratio Lower Upper
82 100
128 46.9 32.6 49.0
54 49.1 43.8 65.6

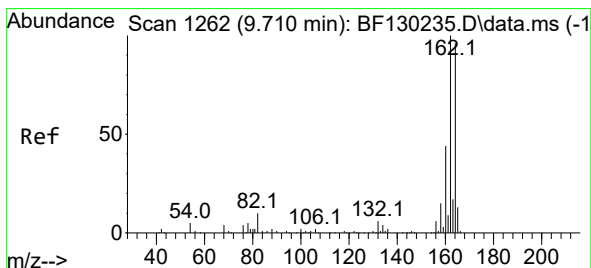
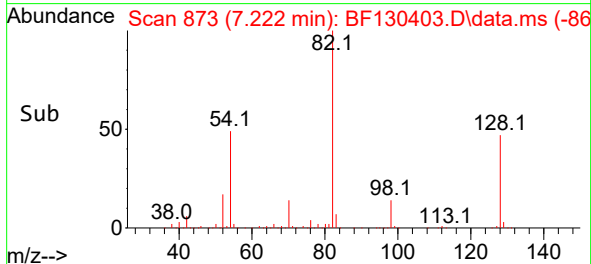
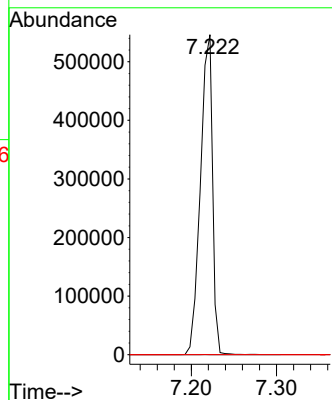
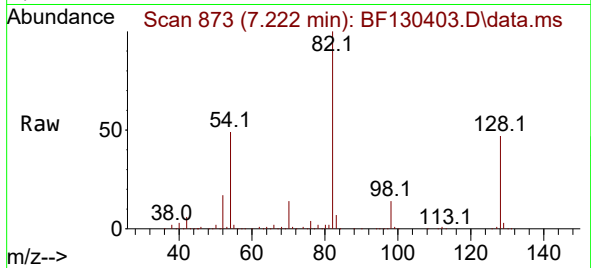




#25
Isophorone
Concen: 51.685 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130403.D
Acq: 26 Sep 2022 11:48

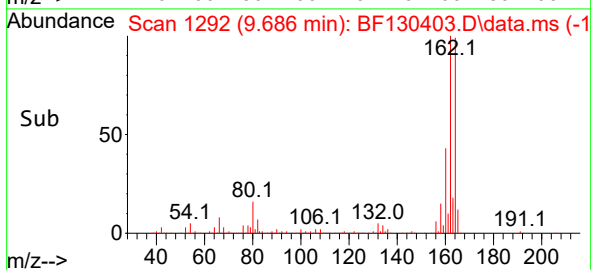
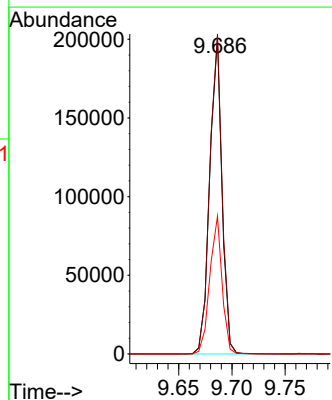
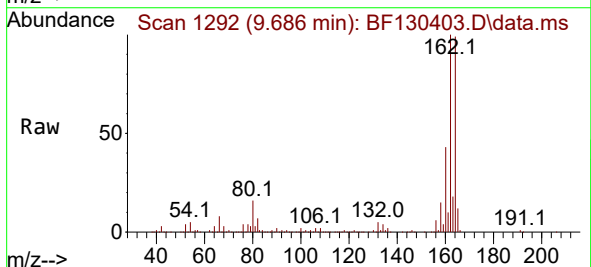
Instrument :
BNA_F
ClientSampleId :
DSN002RE

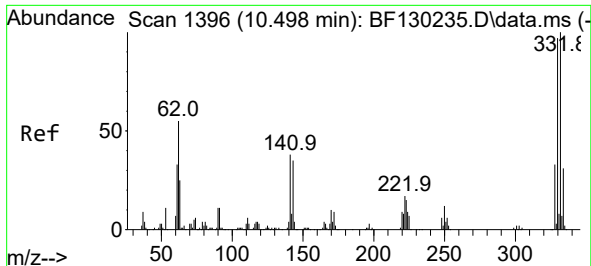
Tgt Ion: 82 Resp: 537469
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF130403.D
Acq: 26 Sep 2022 11:48

Tgt Ion: 164 Resp: 160973
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 43.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 129.192 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130403.D

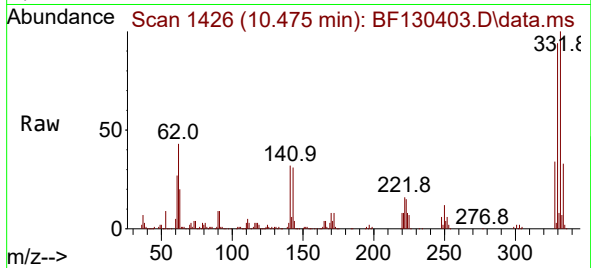
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Instrument :

BNA_F

ClientSampleId :

DSN002RE



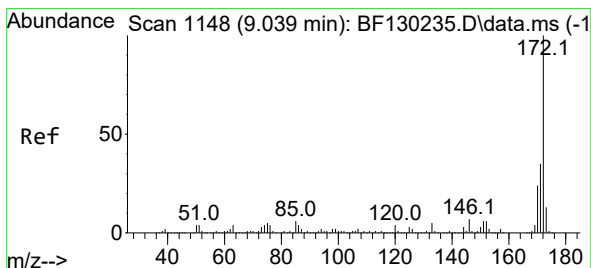
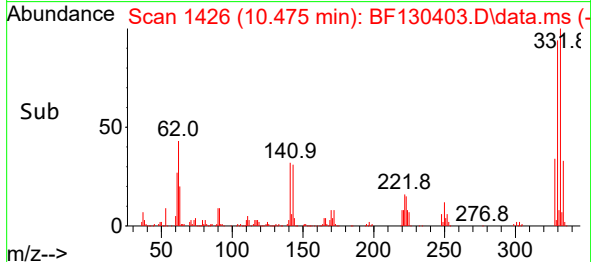
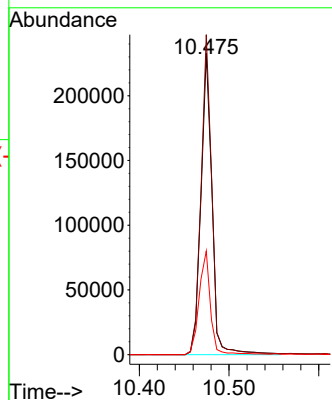
Tgt Ion:330 Resp: 199269

Ion Ratio Lower Upper

330 100

332 105.6 83.4 125.2

141 35.5 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 87.518 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF130403.D

Acq: 26 Sep 2022 11:48

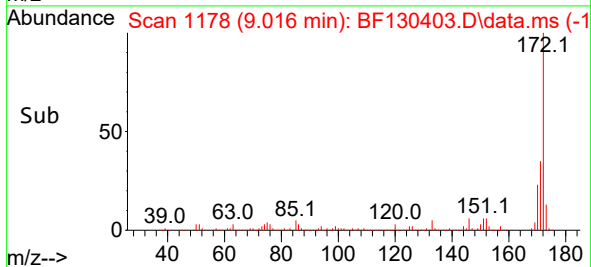
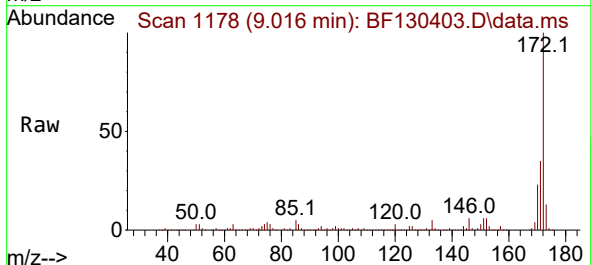
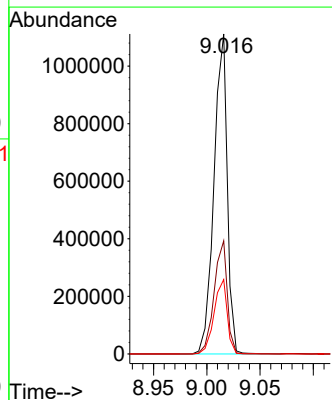
Tgt Ion:172 Resp: 967458

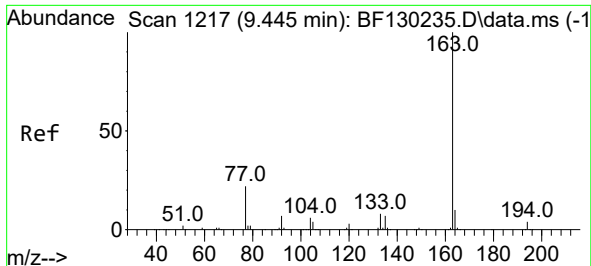
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.3 18.7 28.1

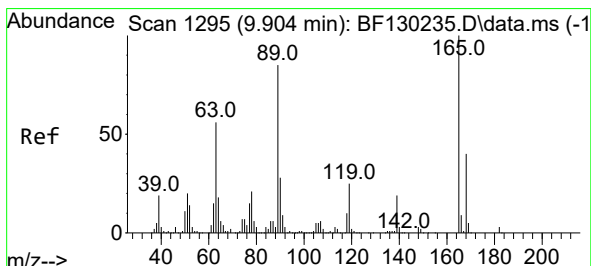
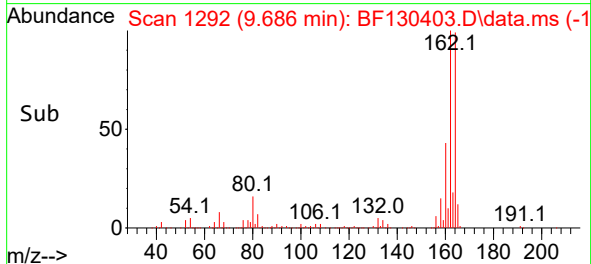
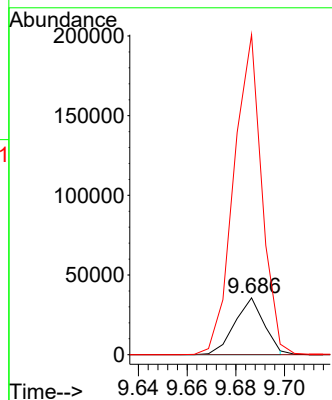
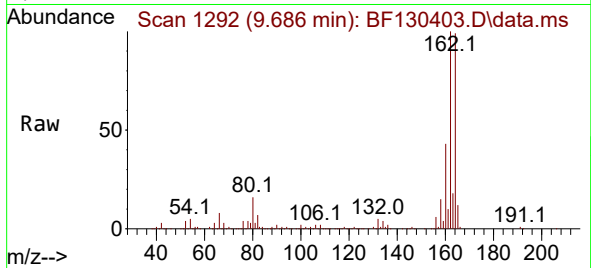




#50
Dimethylphthalate
Concen: 2.695 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.265 min
Lab File: BF130403.D
Acq: 26 Sep 2022 11:48

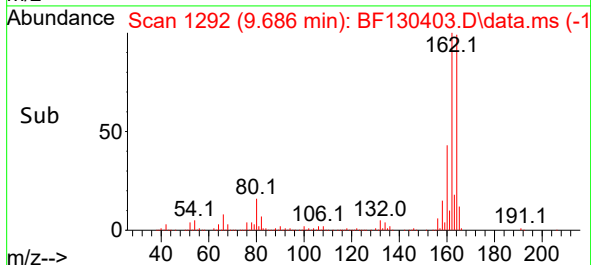
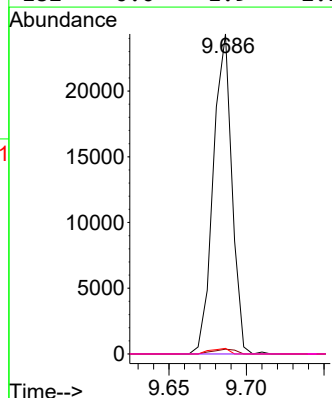
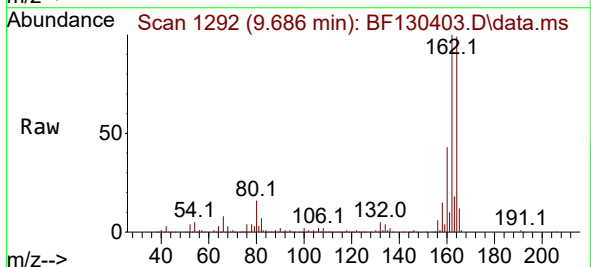
Instrument :
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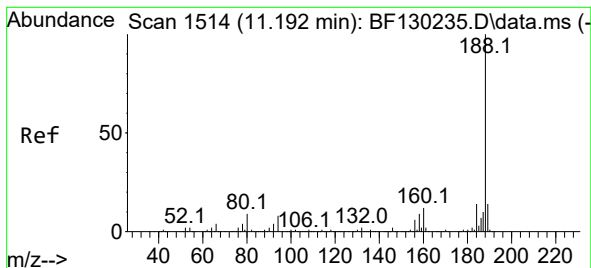
Tgt Ion:163 Resp: 29966
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 563.4 8.2 12.2#



#57
2,4-Dinitrotoluene
Concen: 6.866 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF130403.D
Acq: 26 Sep 2022 11:48

Tgt Ion:165 Resp: 20406
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# 1

Delta R.T. -0.000 min

Lab File: BF130403.D

Acq: 26 Sep 2022 11:48

Instrument :

BNA_F

ClientSampleId :

DSN002RE

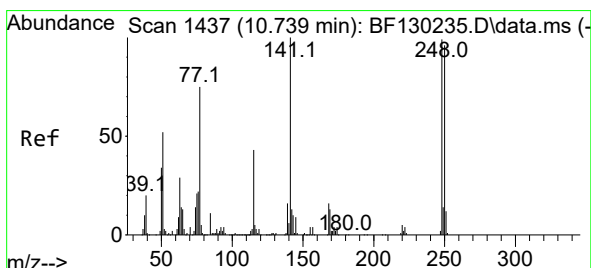
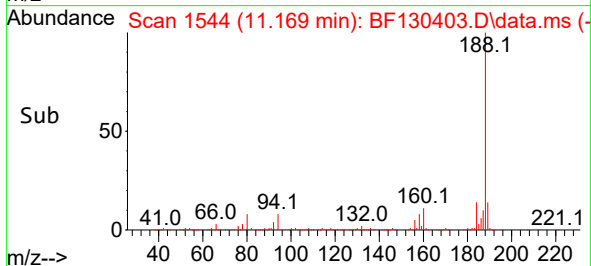
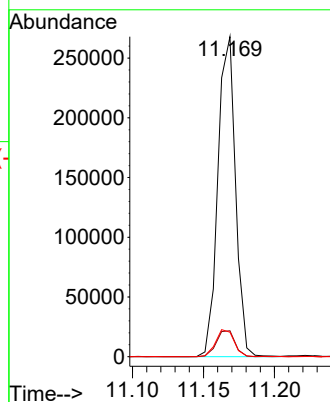
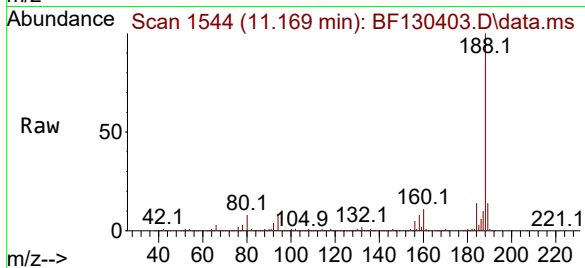
Tgt Ion:188 Resp: 231135

Ion Ratio Lower Upper

188 100

94 8.1 7.4 11.2

80 7.7 7.9 11.9#



#67

4-Bromophenyl-phenylether

Concen: 4.668 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.247 min

Lab File: BF130403.D

Acq: 26 Sep 2022 11:48

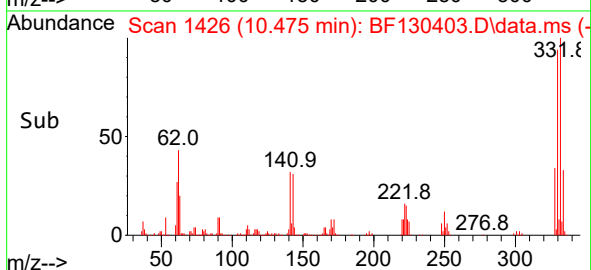
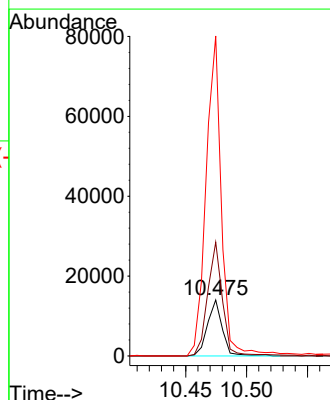
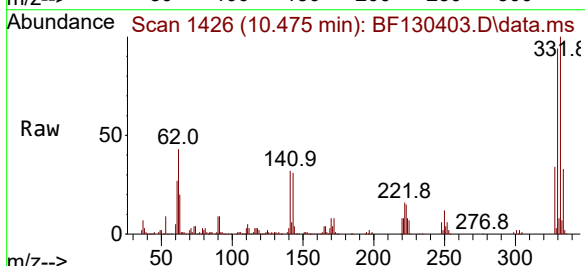
Tgt Ion:248 Resp: 11903

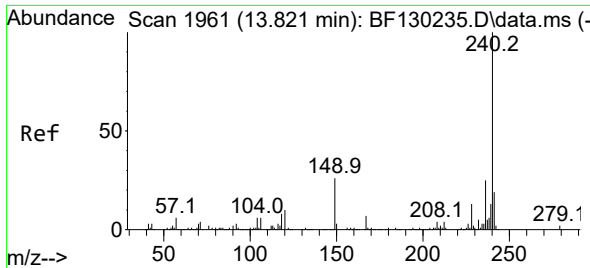
Ion Ratio Lower Upper

248 100

250 203.1 80.0 120.0#

141 571.3 68.5 102.7#

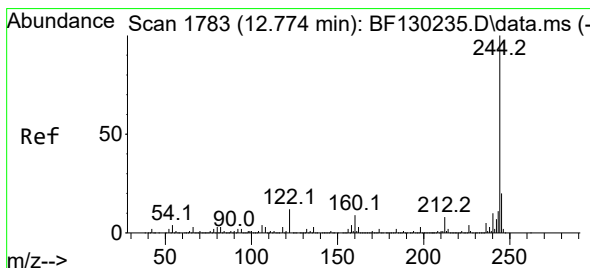
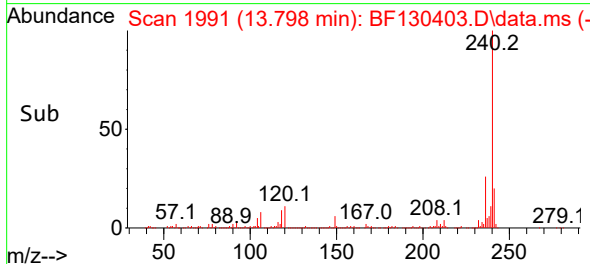
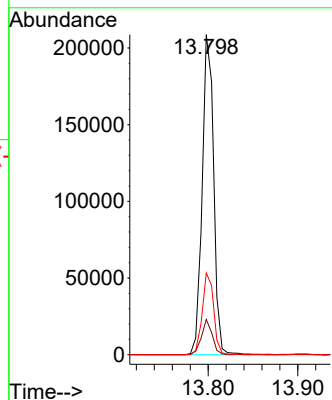
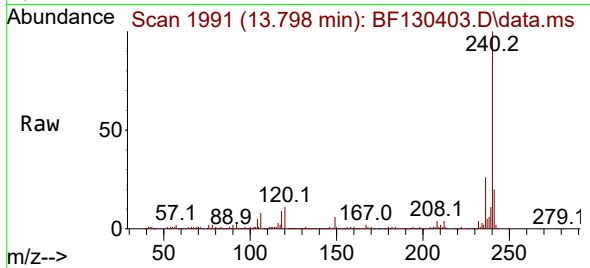




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF130403.D
Acq: 26 Sep 2022 11:48

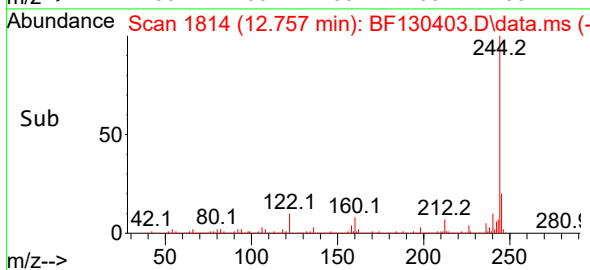
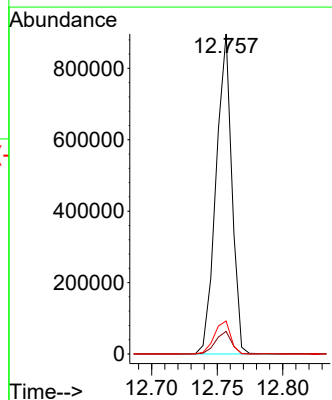
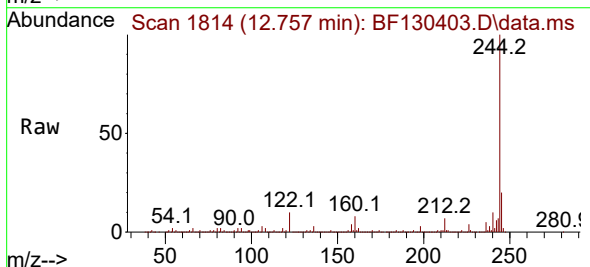
Instrument :
BNA_F
ClientSampleId :
DSN002RE

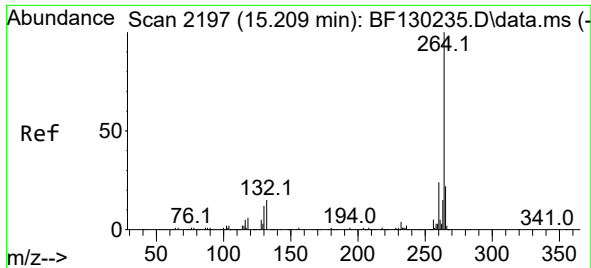
Tgt Ion:240 Resp: 185232
Ion Ratio Lower Upper
240 100
120 11.0 8.7 13.1
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 67.015 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF130403.D
Acq: 26 Sep 2022 11:48

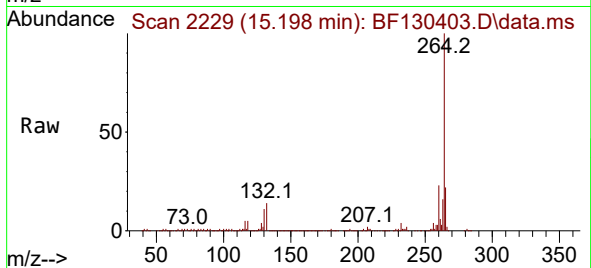
Tgt Ion:244 Resp: 749377
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.3 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.198 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130403.D
 Acq: 26 Sep 2022 11:48

Instrument :
 BNA_F
 ClientSampleId :
 DSN002RE



Tgt Ion:264 Resp: 220456
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 21.6 17.0 25.4

