

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128386.D
 Acq On : 21 May 2022 02:01
 Operator : CG\JU
 Sample : N2939-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2

Quant Time: May 23 02:40:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

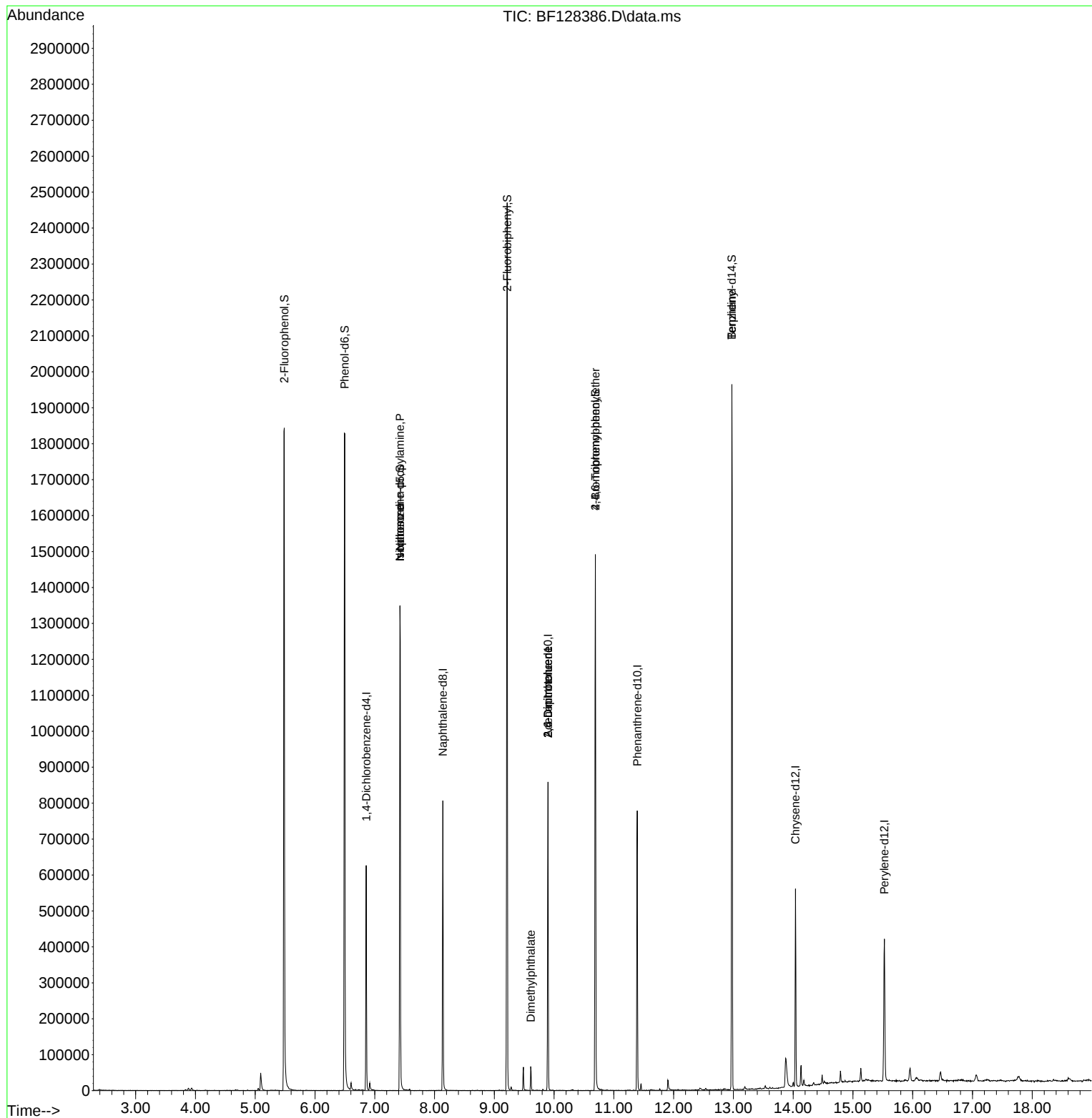
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	82153	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	321477	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	163836	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	282866	20.000	ng	0.00
76) Chrysene-d12	14.039	240	175732	20.000	ng	-0.01
86) Perylene-d12	15.527	264	177821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	521111	100.944	ng	0.00
7) Phenol-d6	6.498	99	656295	96.545	ng	0.00
23) Nitrobenzene-d5	7.422	82	464244	64.703	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	163645	96.852	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	714675	71.336	ng	0.00
79) Terphenyl-d14	12.974	244	669435	73.538	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	872	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	63211	15.548	ng	# 79
25) Isophorone	7.422	82	464239	42.221	ng	# 68
50) Dimethylphthalate	9.610	163	25305	2.425	ng	# 98
51) 2,6-Dinitrotoluene	9.898	165	21288	9.327	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	21288	7.403	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	9820	3.317	ng	# 1
77) Benzidine	12.974	184	9981	2.731	ng	# 91

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

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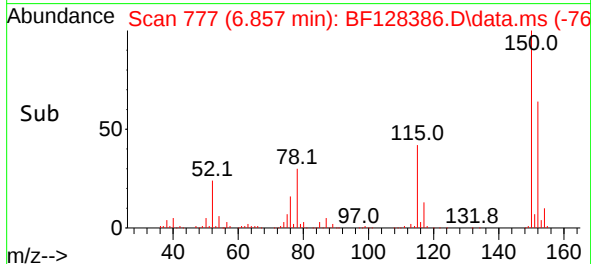
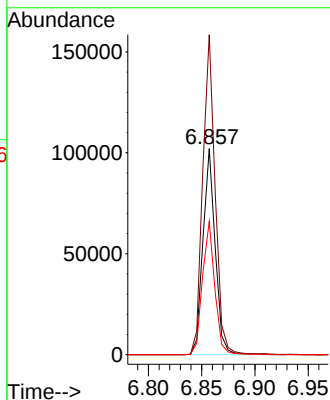
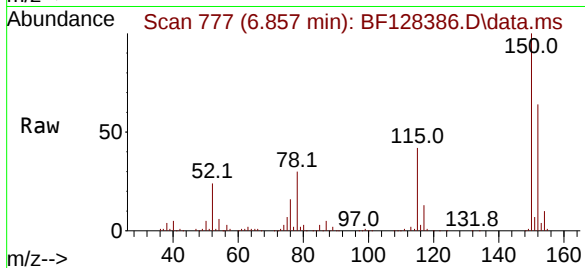




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128386.D
 Acq: 21 May 2022 02:01

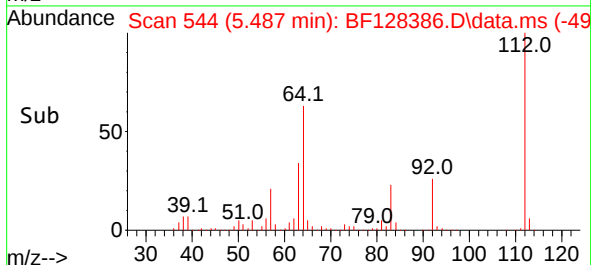
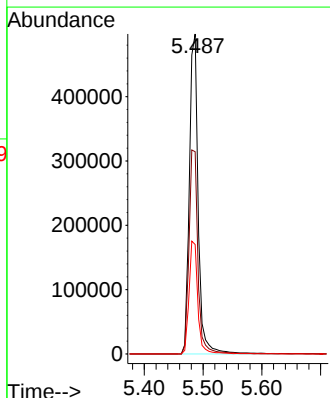
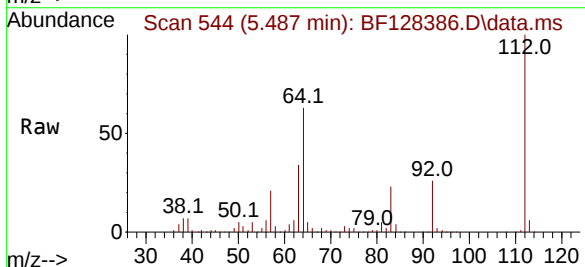
Instrument :
 BNA_F
 ClientSampleId :
 B2

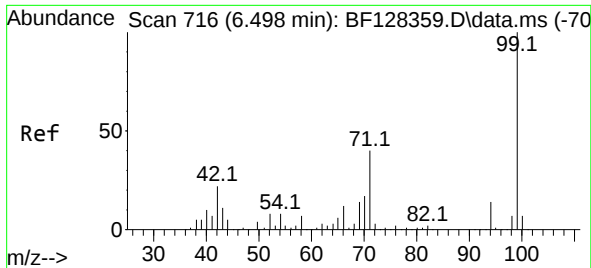
Tgt Ion:152 Resp: 82153
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.3 187.9
 115 64.6 48.8 73.2



#5
 2-Fluorophenol
 Concen: 100.944 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF128386.D
 Acq: 21 May 2022 02:01

Tgt Ion:112 Resp: 521111
 Ion Ratio Lower Upper
 112 100
 64 63.2 49.5 74.3
 63 34.2 26.3 39.5

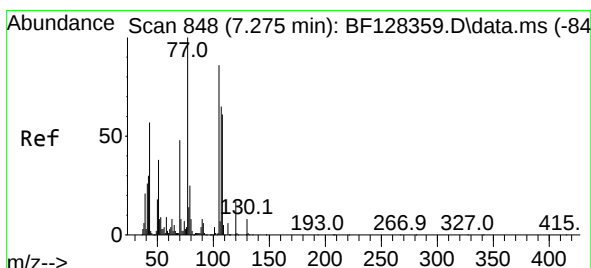
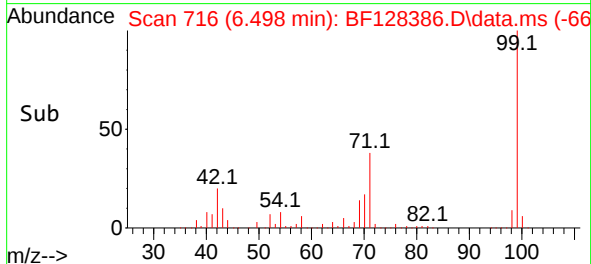
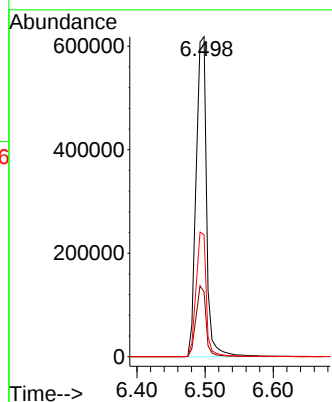
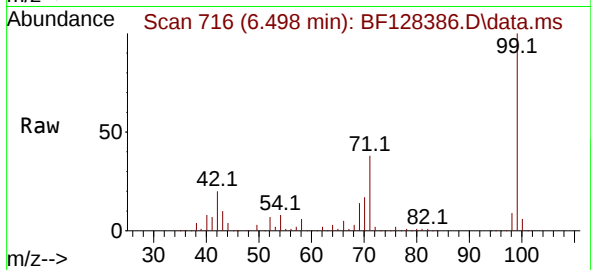




#7
Phenol-d6
Concen: 96.545 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

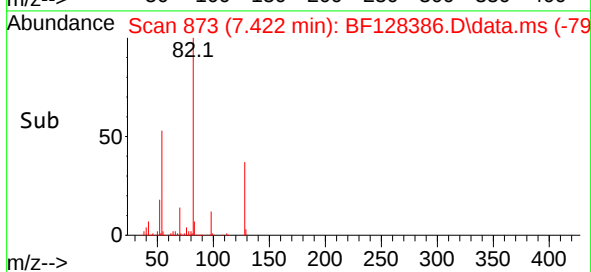
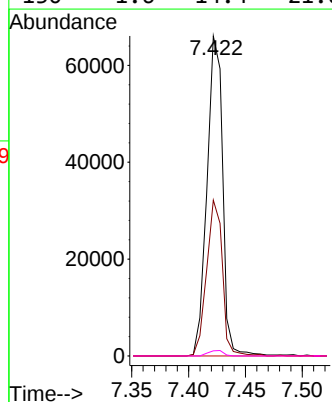
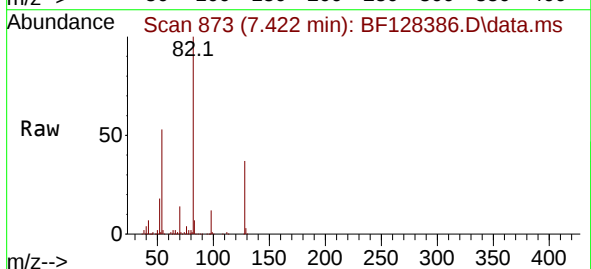
Instrument :
BNA_F
ClientSampleId :
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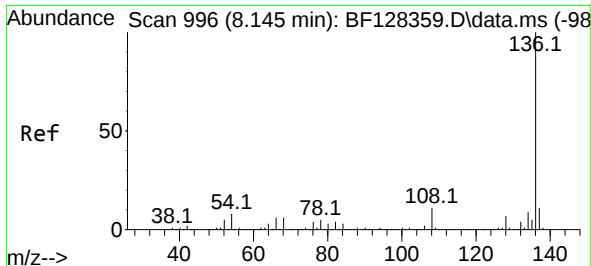
Tgt Ion: 99 Resp: 656295
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 38.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.548 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

Tgt Ion: 70 Resp: 63211
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#



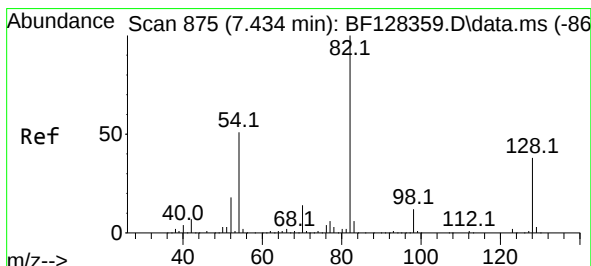
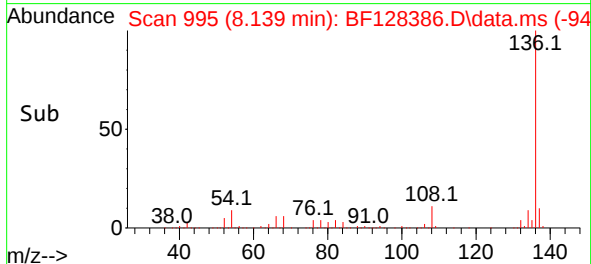
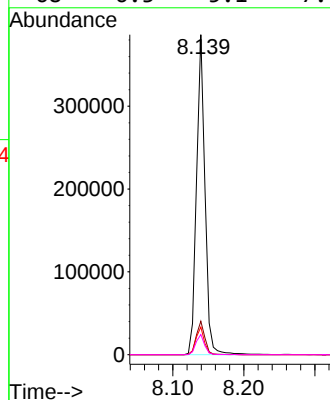
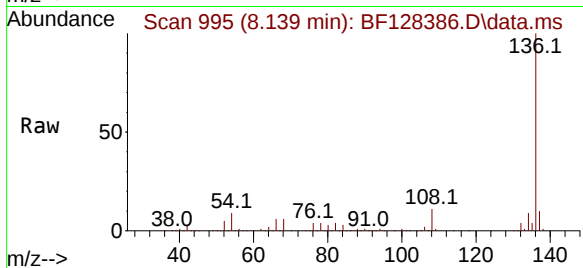


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

Instrument :
BNA_F
ClientSampleId :
B2

Tgt Ion:136 Resp: 321477

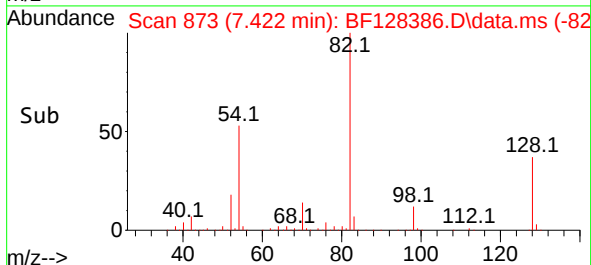
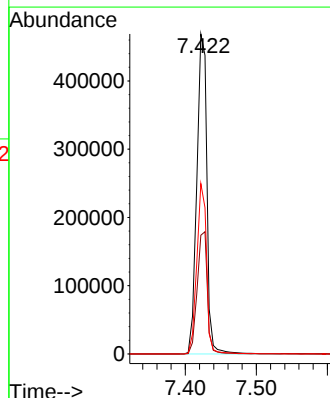
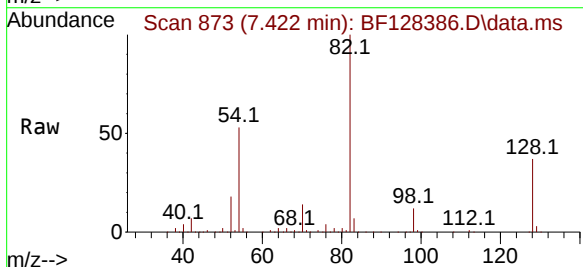
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	8.7	6.8	10.2
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 64.703 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

Tgt Ion: 82 Resp: 464244

Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.0	45.0
54	53.3	41.3	61.9

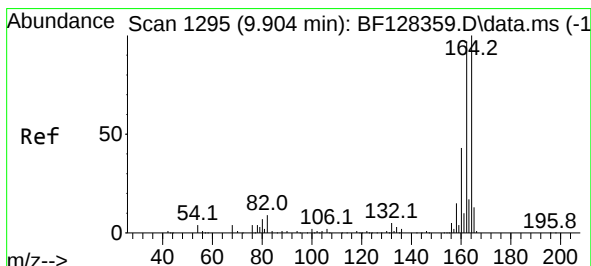
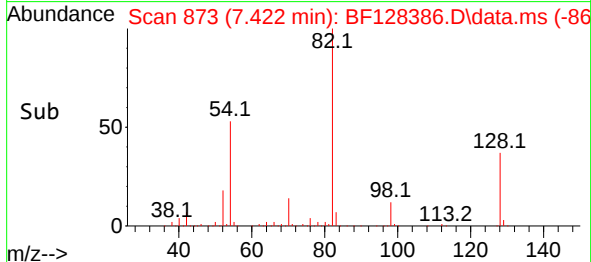
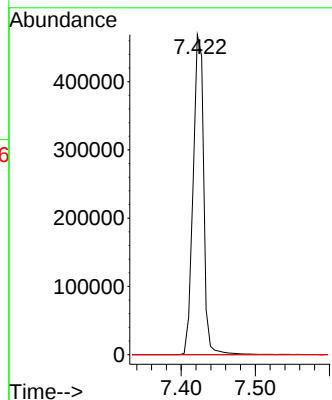
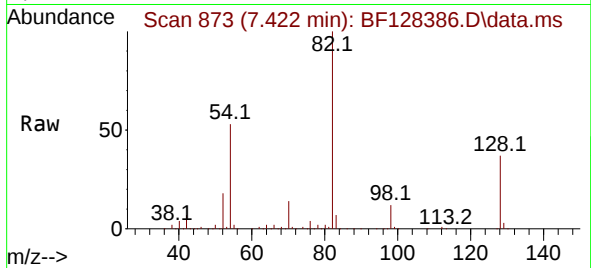




#25
Isophorone
Concen: 42.221 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

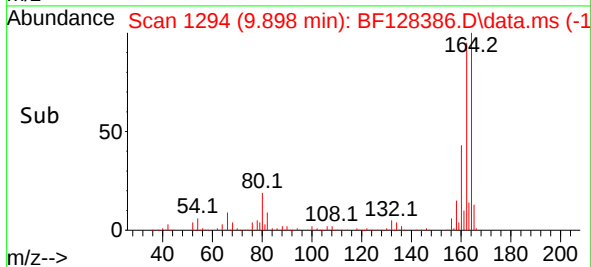
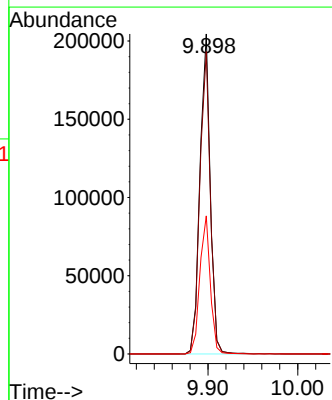
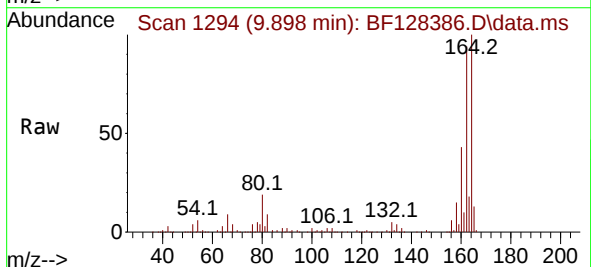
Instrument :
BNA_F
ClientSampleId :
B2

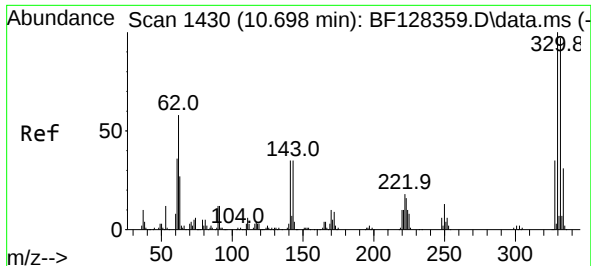
Tgt Ion: 82 Resp: 464239
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

Tgt Ion:164 Resp: 163836
Ion Ratio Lower Upper
164 100
162 94.5 76.0 114.0
160 43.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 96.852 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF128386.D

Acq: 21 May 2022 02:01

Instrument :

BNA_F

ClientSampleId :

B2

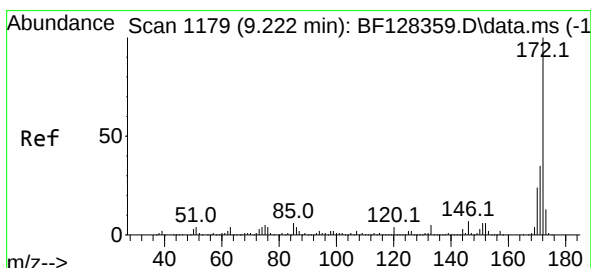
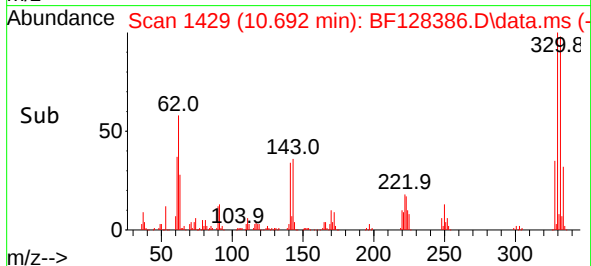
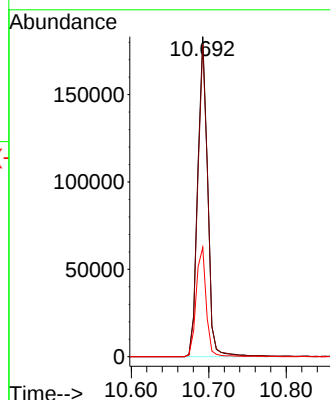
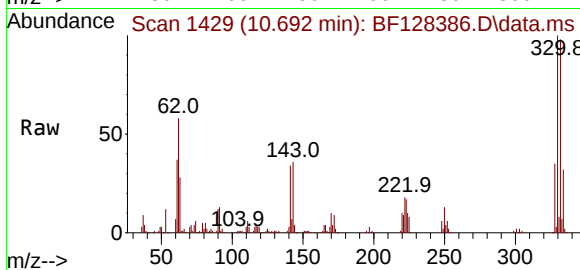
Tgt Ion:330 Resp: 163645

Ion Ratio Lower Upper

330 100

332 97.4 79.0 118.4

141 34.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 71.336 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128386.D

Acq: 21 May 2022 02:01

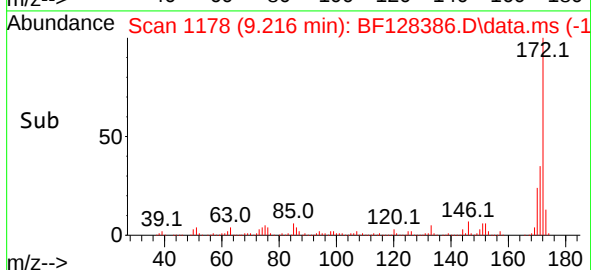
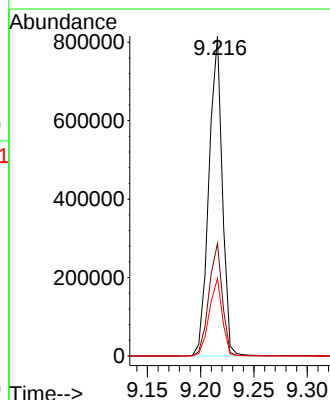
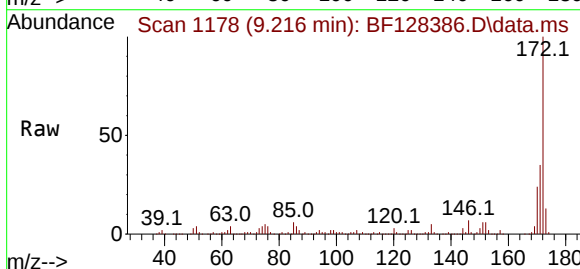
Tgt Ion:172 Resp: 714675

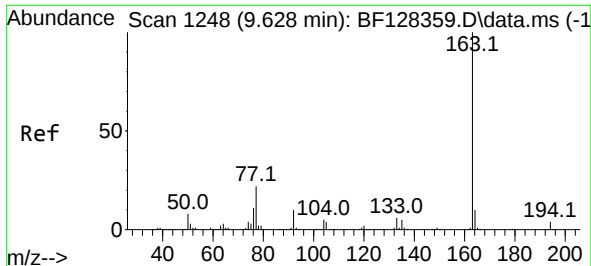
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 24.3 19.1 28.7

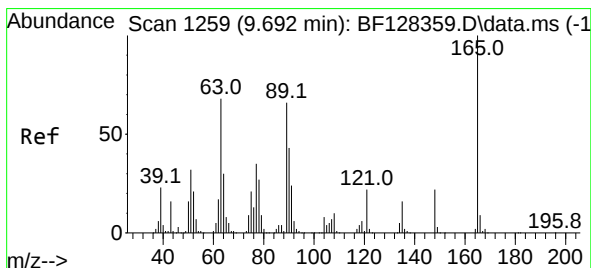
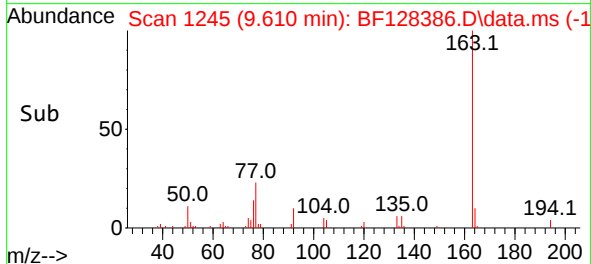
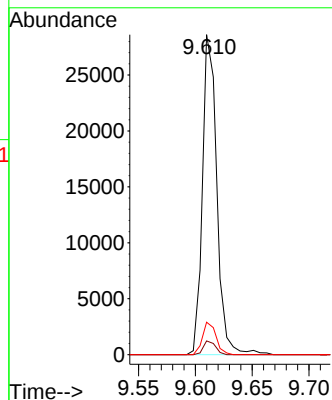
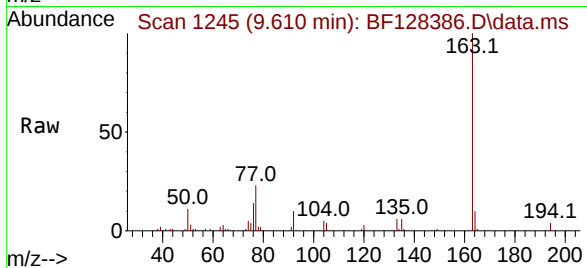




#50
Dimethylphthalate
Concen: 2.425 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

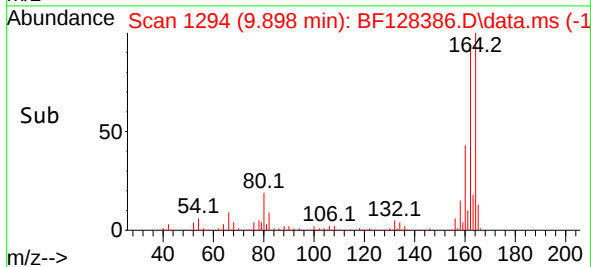
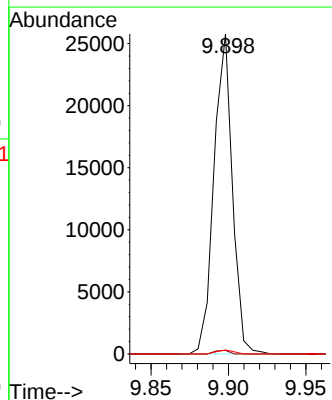
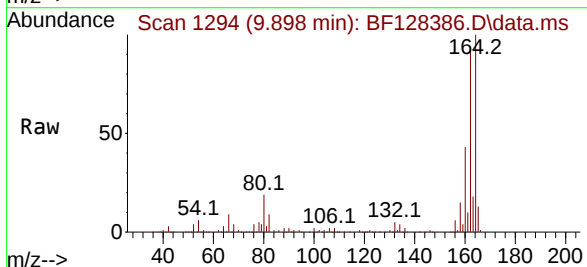
Instrument :
BNA_F
ClientSampleId :
B2

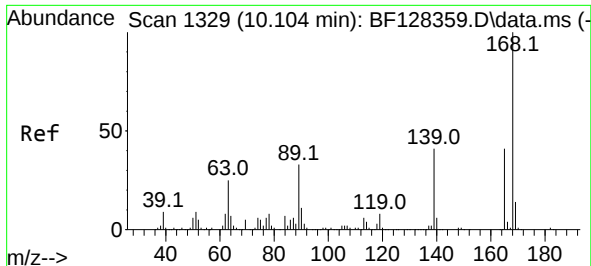
Tgt Ion:163 Resp: 25305
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.2 8.6 13.0



#51
2,6-Dinitrotoluene
Concen: 9.327 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.206 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

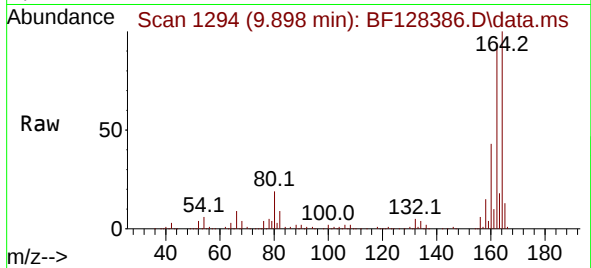
Tgt Ion:165 Resp: 21288
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.3 49.0 73.4#



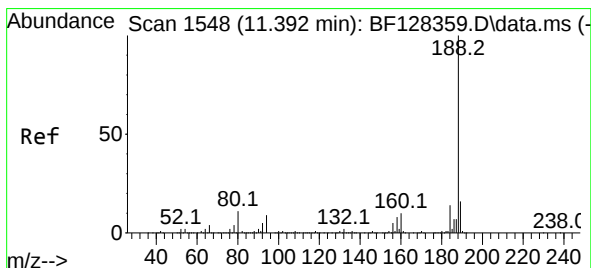
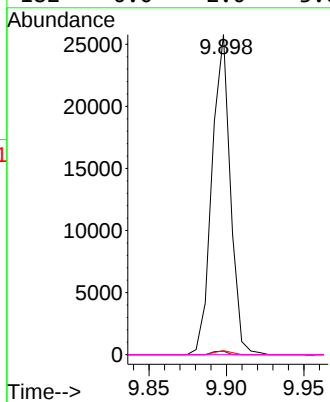
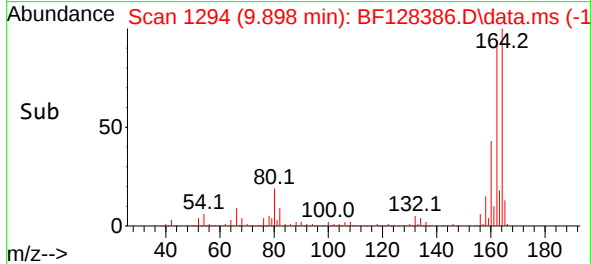


#57
2,4-Dinitrotoluene
Concen: 7.403 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.206 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

Instrument :
BNA_F
ClientSampleId :
B2

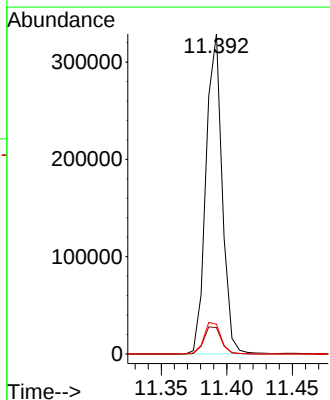
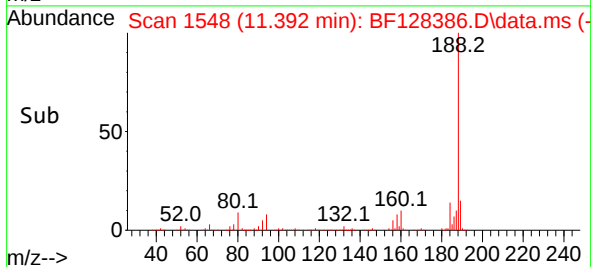
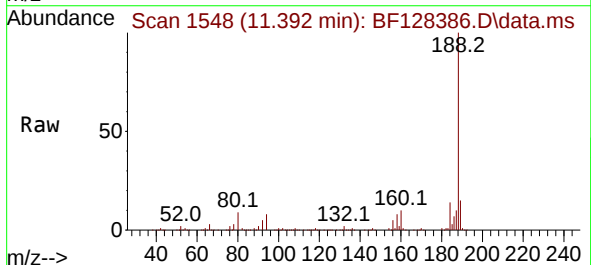


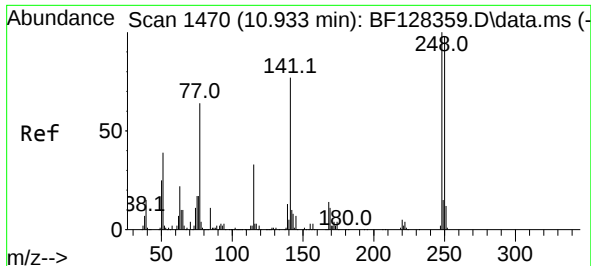
Tgt Ion:165 Resp: 21288
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

Tgt Ion:188 Resp: 282866
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.3 8.9 13.3

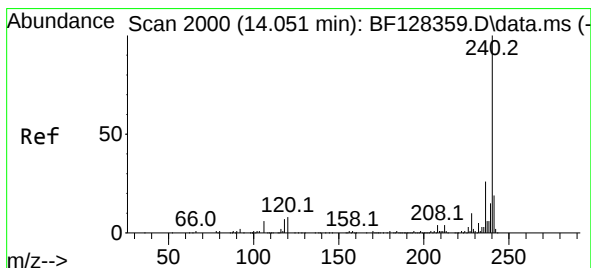
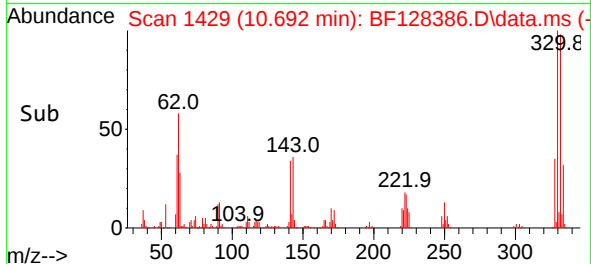
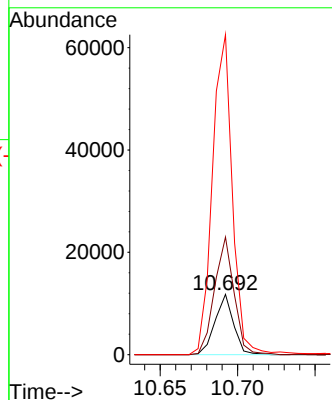
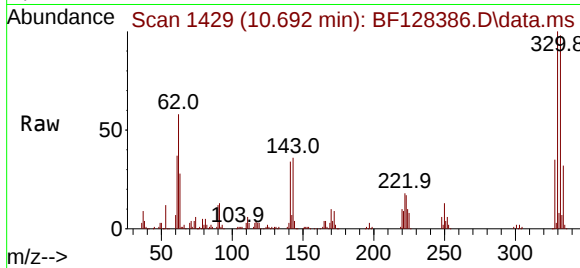




#67
4-Bromophenyl-phenylether
Concen: 3.317 ng
RT: 10.692 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

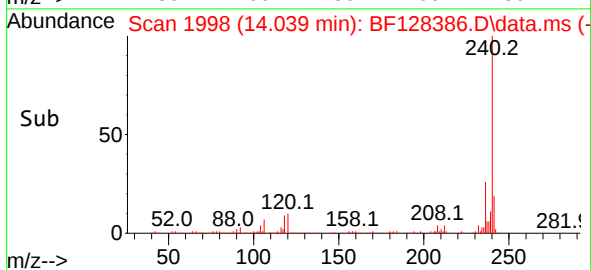
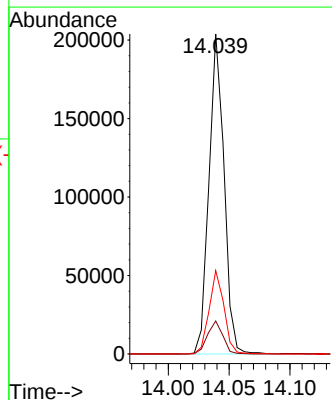
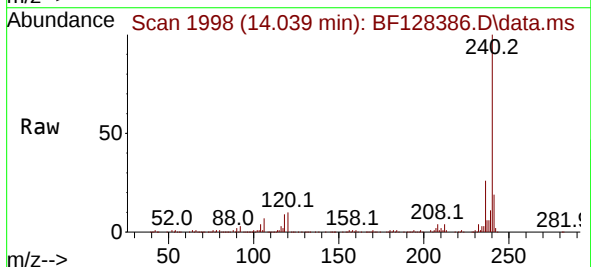
Instrument :
BNA_F
ClientSampleId :
B2

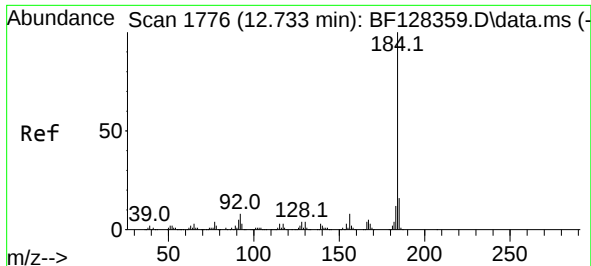
Tgt Ion:248 Resp: 9820
Ion Ratio Lower Upper
248 100
250 195.0 77.7 116.5#
141 530.7 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

Tgt Ion:240 Resp: 175732
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 26.0 20.3 30.5

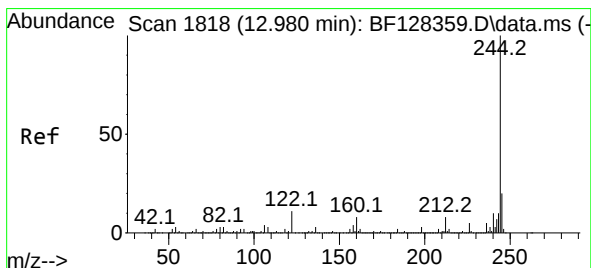
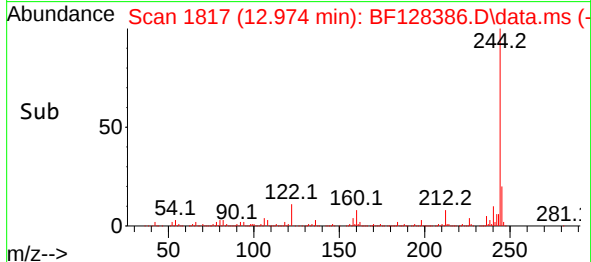
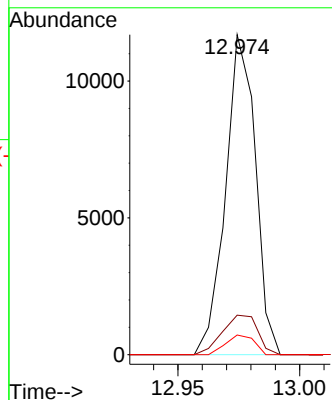
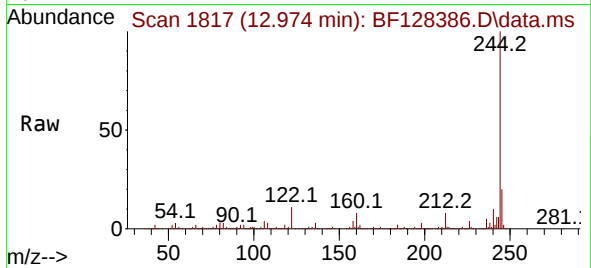




#77
Benzidine
Concen: 2.731 ng
RT: 12.974 min Scan# 1817
Delta R.T. 0.241 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

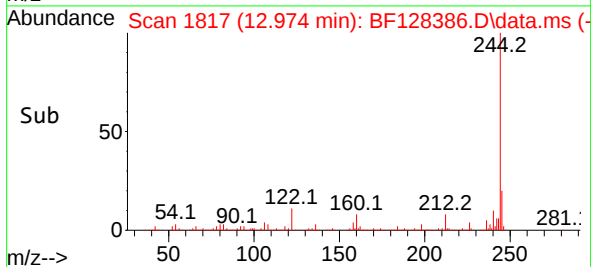
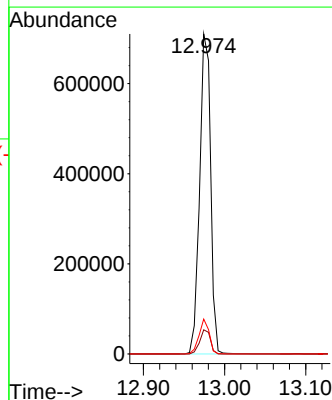
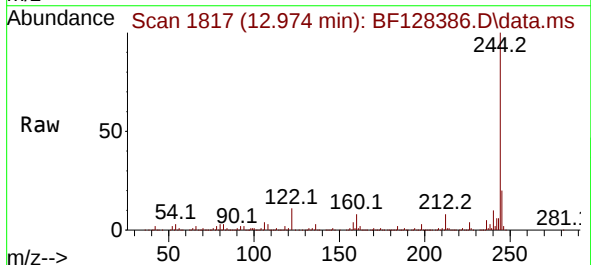
Instrument :
BNA_F
ClientSampleId :
B2

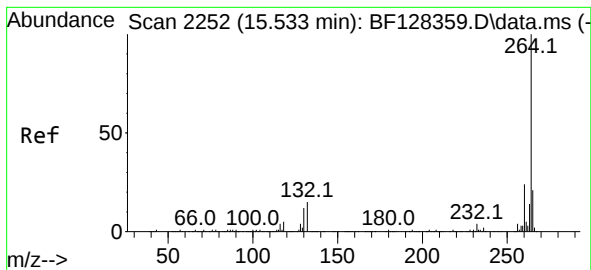
Tgt Ion:184 Resp: 9981
Ion Ratio Lower Upper
184 100
185 12.3 12.1 18.1
183 6.1 9.0 13.4#



#79
Terphenyl-d14
Concen: 73.538 ng
RT: 12.974 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

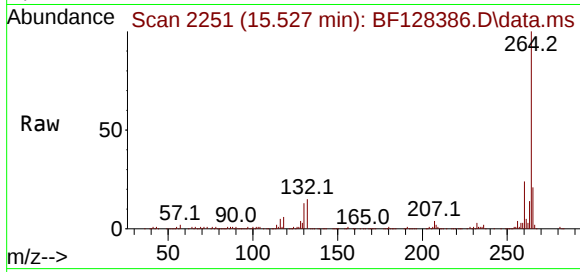
Tgt Ion:244 Resp: 669435
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 10.9 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128386.D
Acq: 21 May 2022 02:01

Instrument :
BNA_F
ClientSampleId :
B2



Tgt Ion:264 Resp: 177821
Ion Ratio Lower Upper
264 100
260 24.1 20.1 30.1
265 20.9 17.5 26.3

