

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
 Data File : BF123874.D
 Acq On : 7 May 2021 19:27
 Operator : JU/CG
 Sample : M2306-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Quant Time: May 08 00:32:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 07 13:43:24 2021
 Response via : Initial Calibration

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

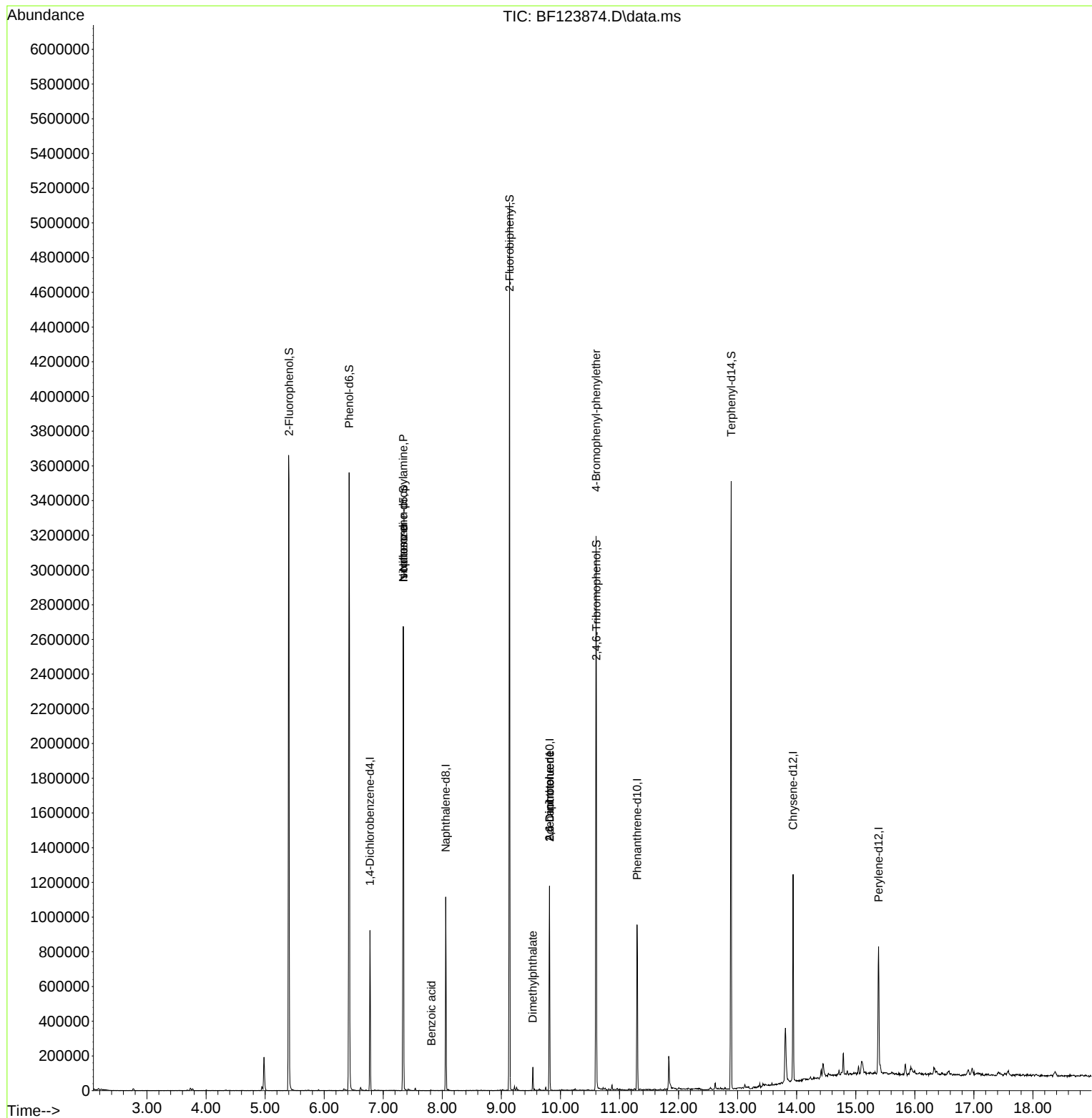
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	109249	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	382666	20.00	ng	0.00
39) Acenaphthene-d10	9.816	164	212859	20.00	ng	0.00
64) Phenanthrene-d10	11.298	188	323607	20.00	ng	0.00
76) Chrysene-d12	13.939	240	379479	20.00	ng	0.00
86) Perylene-d12	15.386	264	334326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	843192	122.27	ng	0.00
7) Phenol-d6	6.422	99	1037594	109.23	ng	0.00
23) Nitrobenzene-d5	7.339	82	800130	94.39	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	366972	138.49	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1217233	83.28	ng	0.00
79) Terphenyl-d14	12.892	244	1090835	55.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.339	70	114805	19.57	ng	Qvalue
25) Isophorone	7.339	82	799909	50.33	ng	# 79
32) Benzoic acid	7.816	122	125	5.42	ng	# 69
50) Dimethylphthalate	9.533	163	39571	2.64	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	26272	7.58	ng	# 98
57) 2,4-Dinitrotoluene	9.816	165	26272	5.56	ng	# 12
67) 4-Bromophenyl-phenylether	10.604	248	19662	5.77	ng	# 17

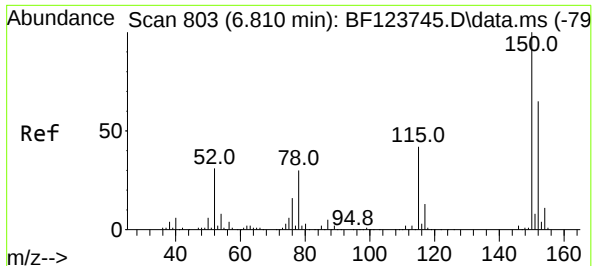
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
Data File : BF123874.D
Acq On : 7 May 2021 19:27
Operator : JU/CG
Sample : M2306-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-1

Quant Time: May 08 00:32:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 13:43:24 2021
Response via : Initial Calibration

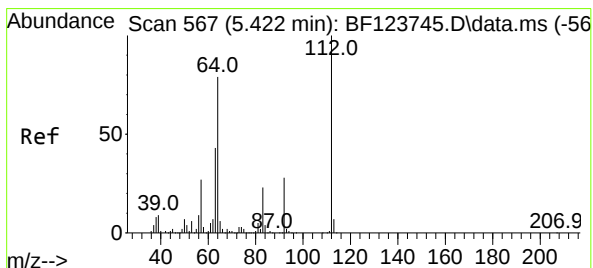
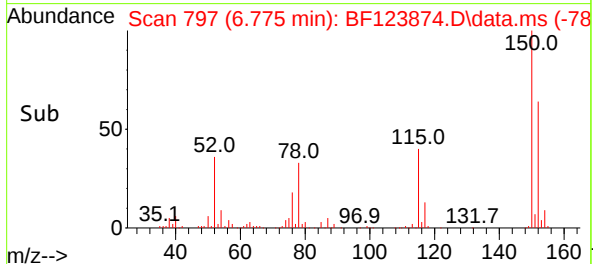
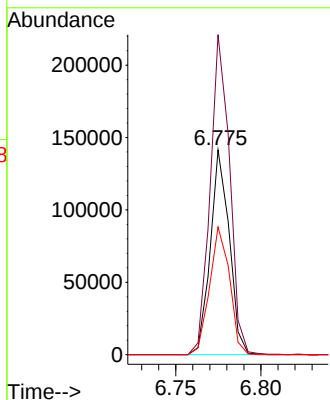
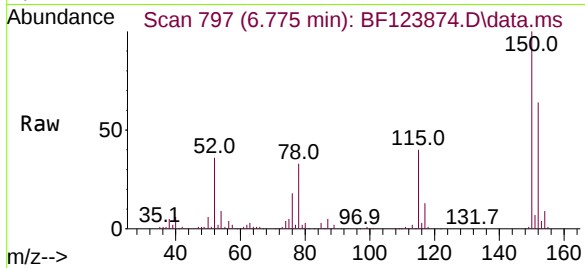




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

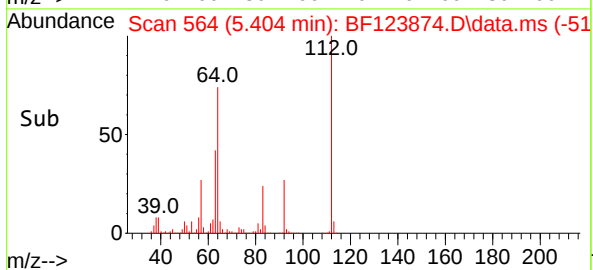
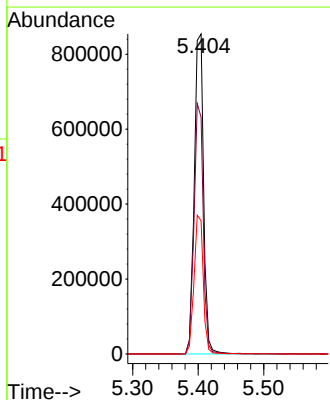
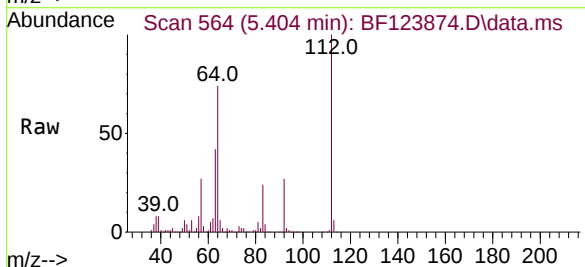
Instrument :
BNA_F
ClientSampled :
C-1

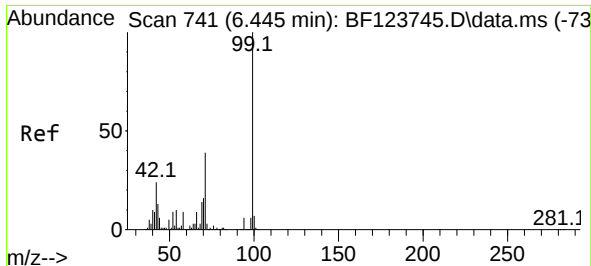
Tgt Ion:152 Resp: 109249
Ion Ratio Lower Upper
152 100
150 156.2 127.0 190.6
115 62.3 54.3 81.5



#5
2-Fluorophenol
Concen: 122.27 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

Tgt Ion:112 Resp: 843192
Ion Ratio Lower Upper
112 100
64 73.9 61.4 92.0
63 41.6 33.0 49.4

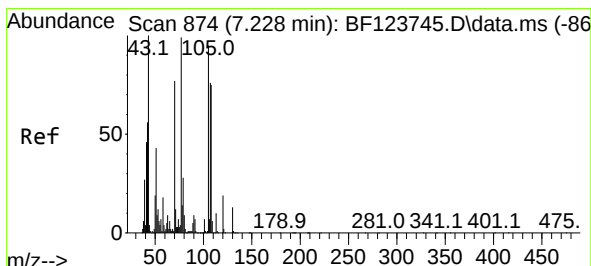
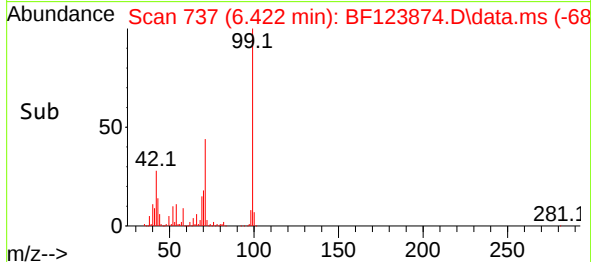
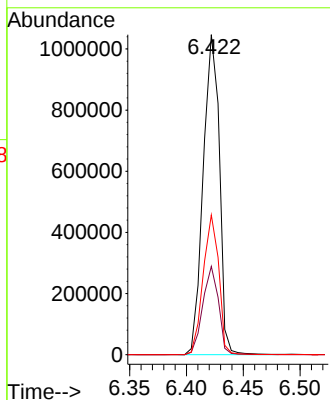
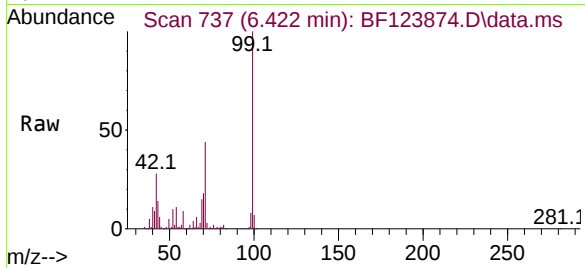




#7
Phenol-d6
Concen: 109.23 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

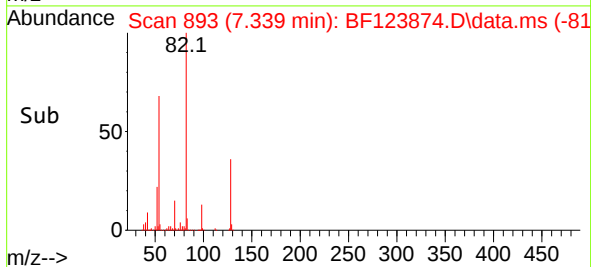
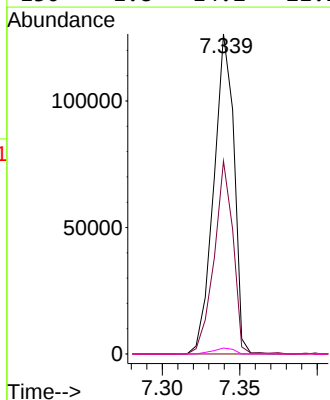
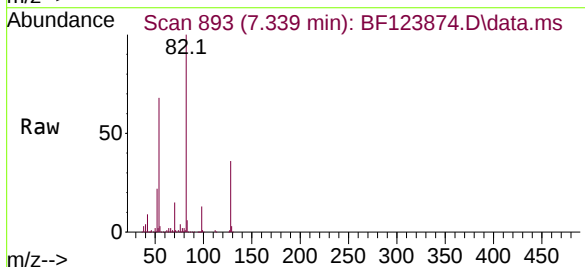
Instrument :
BNA_F
ClientSampleId :
C-1

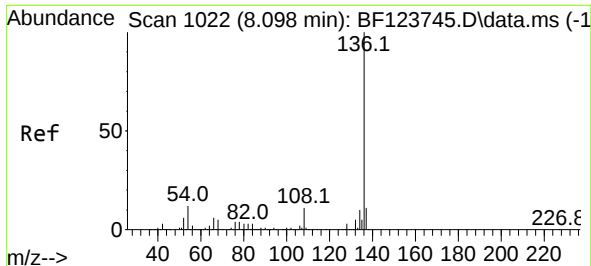
Tgt Ion: 99 Resp: 1037594
Ion Ratio Lower Upper
99 100
42 27.6 19.8 29.8
71 43.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.57 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

Tgt Ion: 70 Resp: 114805
Ion Ratio Lower Upper
70 100
42 60.3 60.1 90.1
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



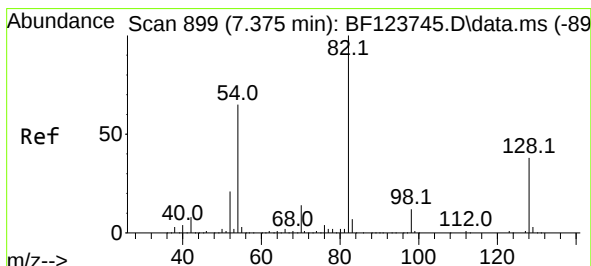
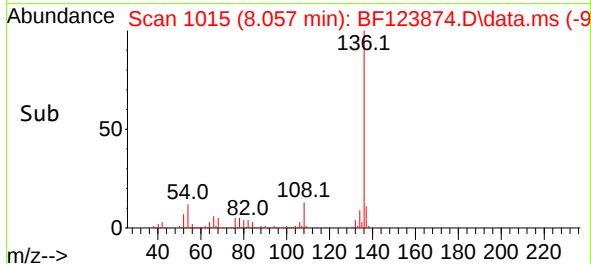
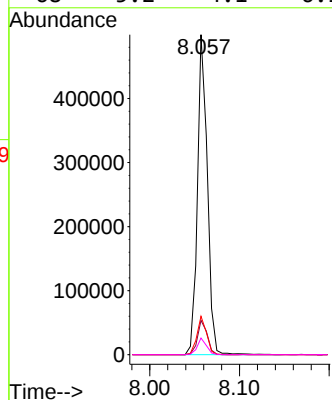
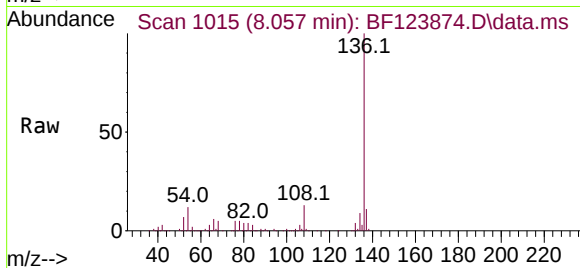


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

Instrument :
BNA_F
ClientSampled :
C-1

Tgt Ion:136 Resp: 382666

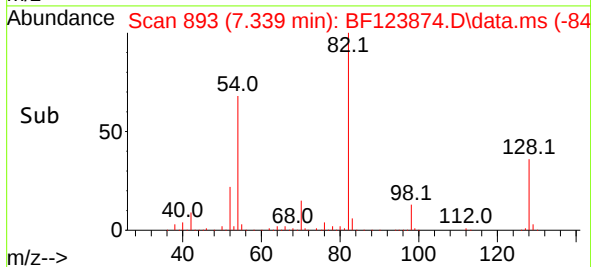
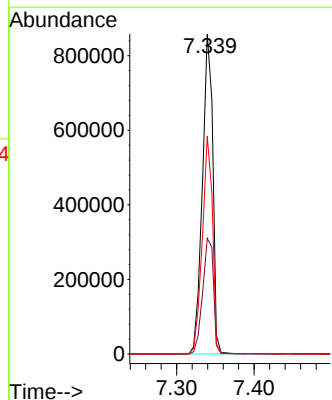
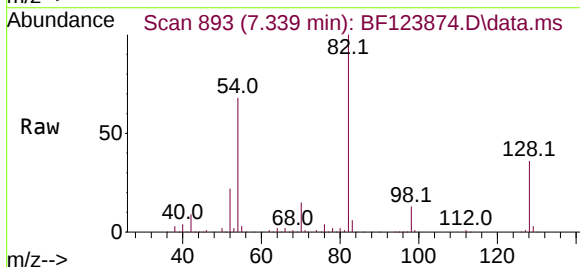
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	12.0	9.8	14.6
68	5.2	4.1	6.1

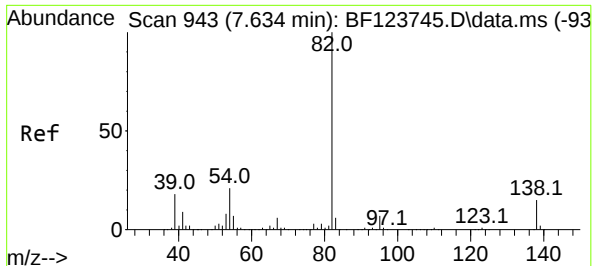


#23
Nitrobenzene-d5
Concen: 94.39 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

Tgt Ion: 82 Resp: 800130

Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.4	44.2
54	68.2	54.1	81.1

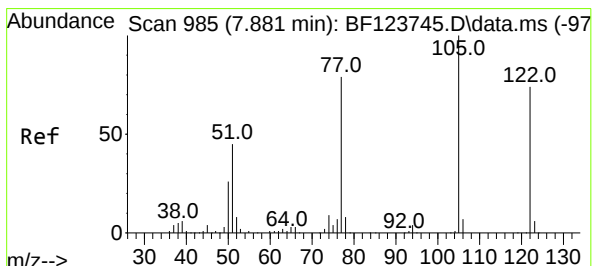
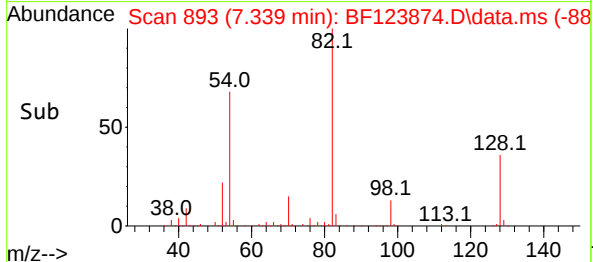
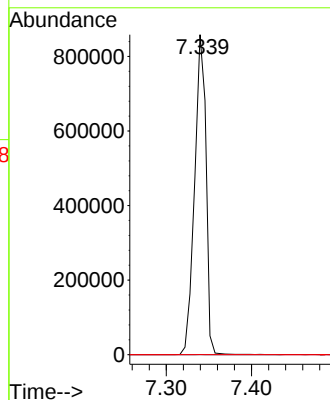
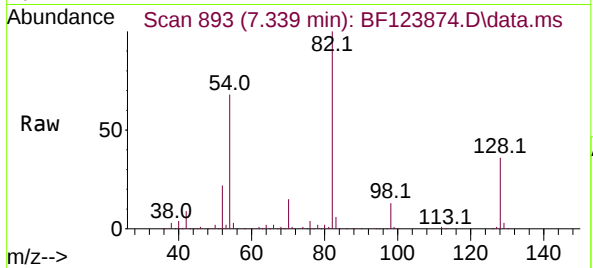




#25
Isophorone
Concen: 50.33 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.270 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

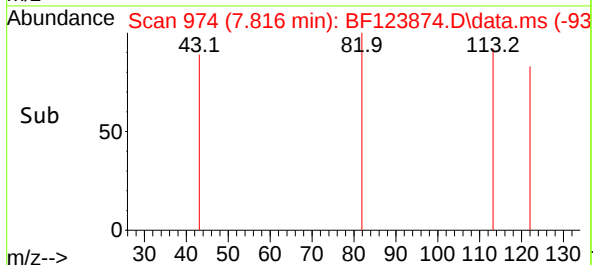
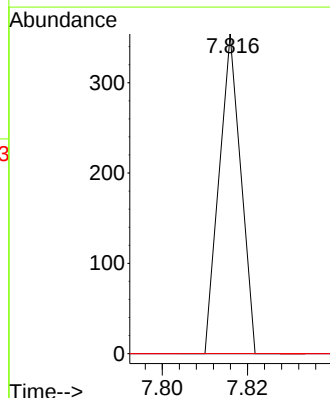
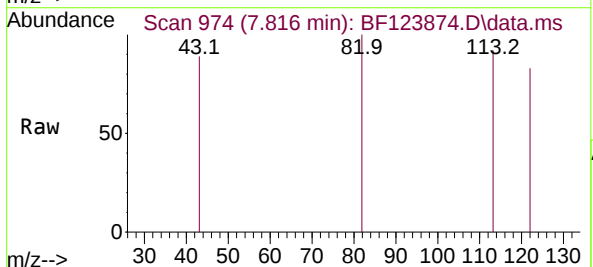
Instrument :
BNA_F
ClientSampled :
C-1

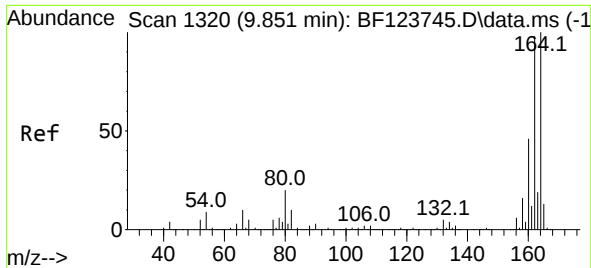
Tgt Ion: 82 Resp: 799909
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.42 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.041 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

Tgt Ion: 122 Resp: 125
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#

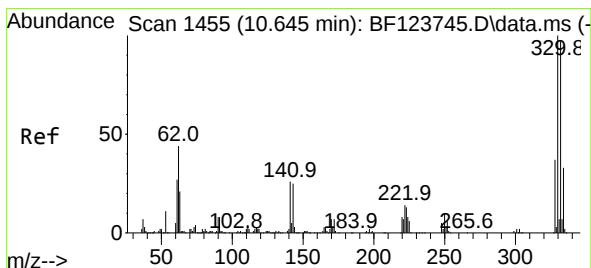
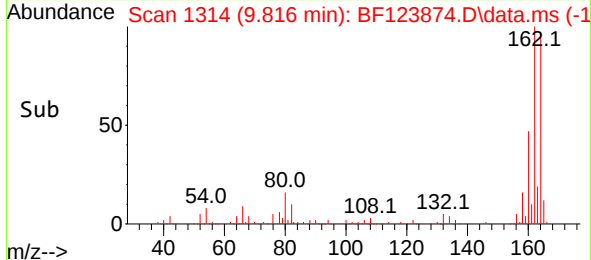
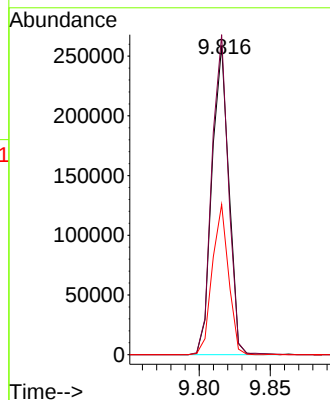
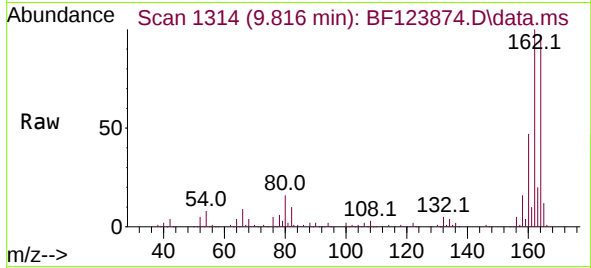




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

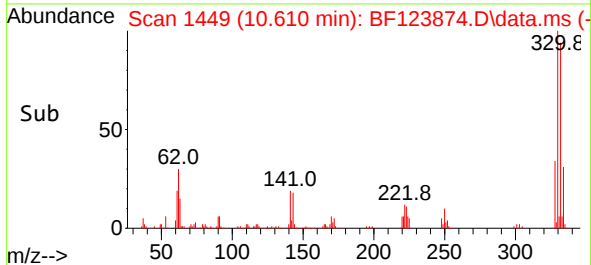
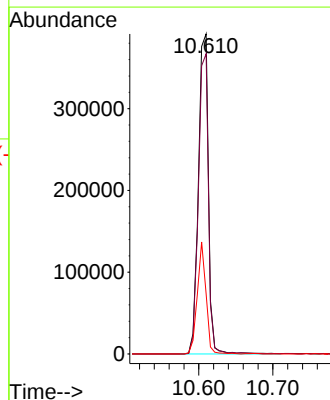
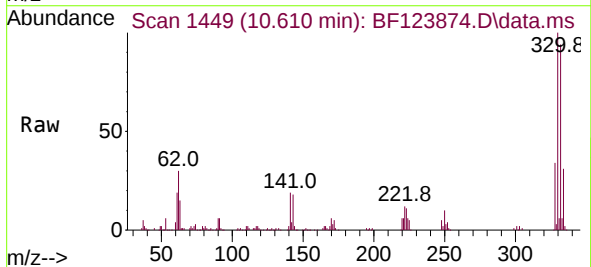
Instrument :
BNA_F
ClientSampled :
C-1

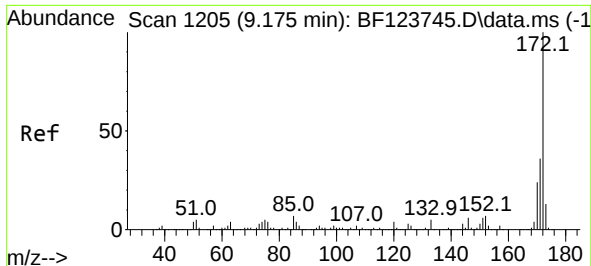
Tgt Ion:164 Resp: 212859
Ion Ratio Lower Upper
164 100
162 103.6 80.7 121.1
160 48.6 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 138.49 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

Tgt Ion:330 Resp: 366972
Ion Ratio Lower Upper
330 100
332 93.8 77.1 115.7
141 30.4 27.9 41.9

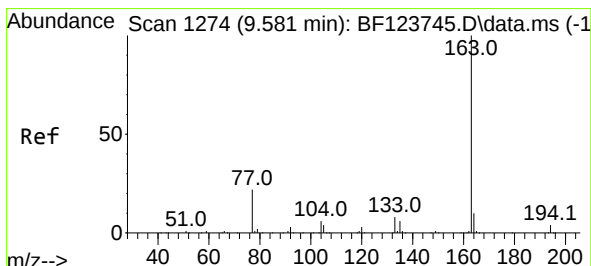
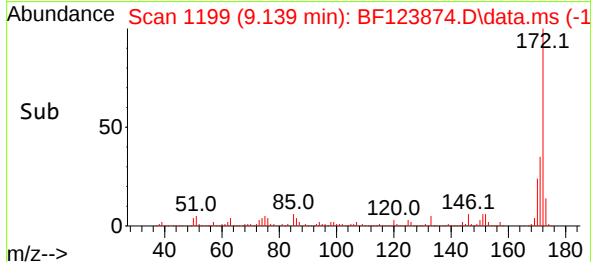
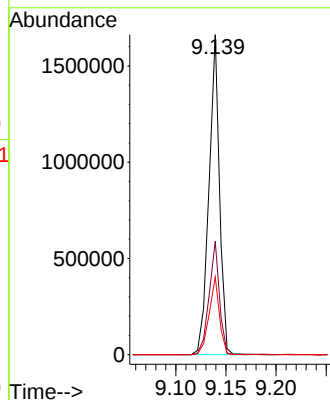
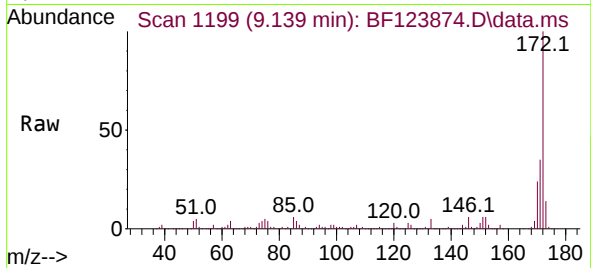




#45
2-Fluorobiphenyl
Concen: 83.28 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

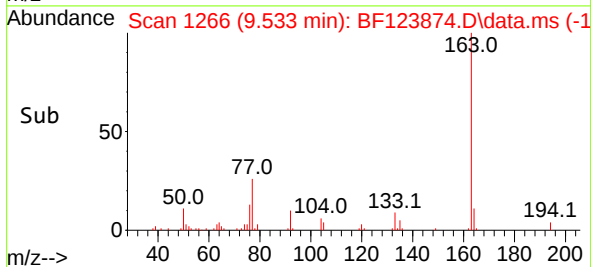
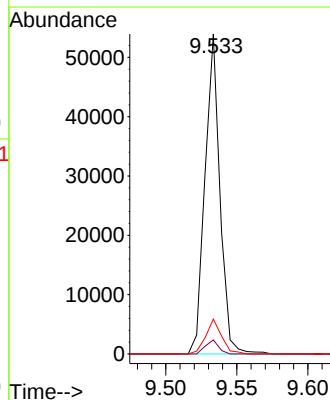
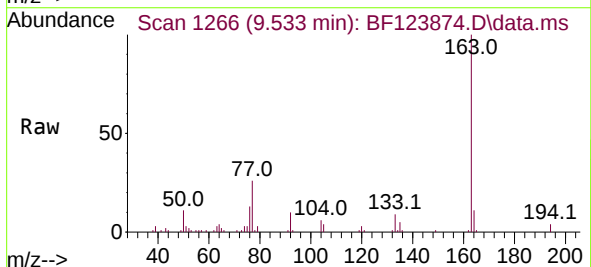
Instrument :
BNA_F
ClientSampled :
C-1

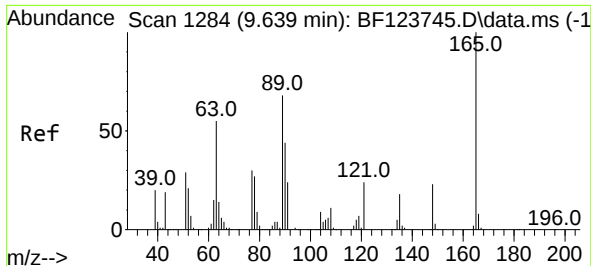
Tgt Ion:172 Resp: 1217233
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.3 19.2 28.8



#50
Dimethylphthalate
Concen: 2.64 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.018 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

Tgt Ion:163 Resp: 39571
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.9 8.2 12.2

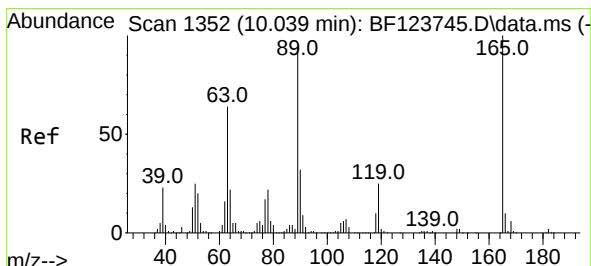
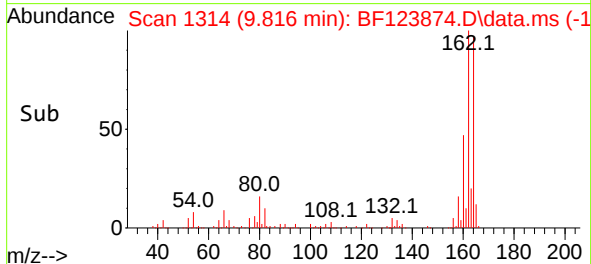
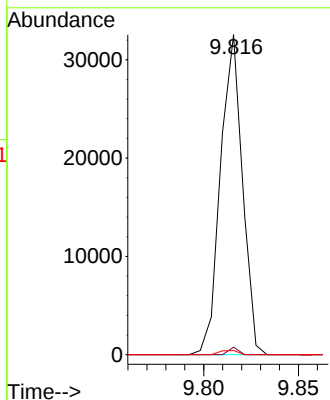
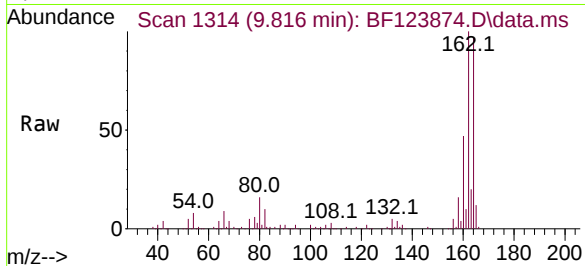




#51
2,6-Dinitrotoluene
Concen: 7.58 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.206 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

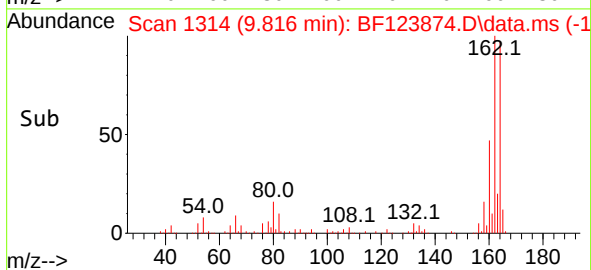
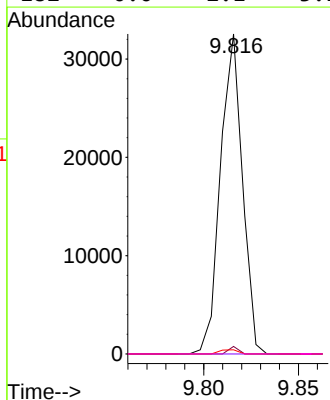
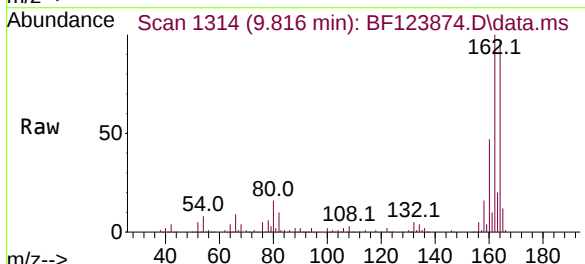
Instrument :
BNA_F
ClientSampled :
C-1

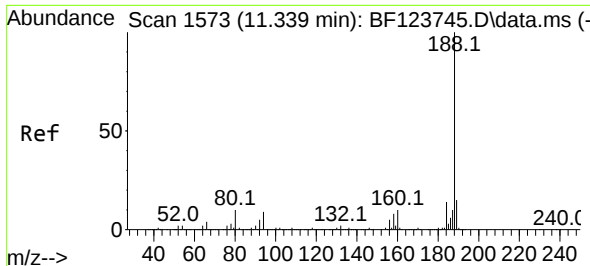
Tgt Ion:165 Resp: 26272
Ion Ratio Lower Upper
165 100
63 2.4 67.7 101.5#
89 1.3 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.56 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

Tgt Ion:165 Resp: 26272
Ion Ratio Lower Upper
165 100
63 2.4 43.5 65.3#
89 1.3 67.7 101.5#
182 0.0 2.1 3.1#

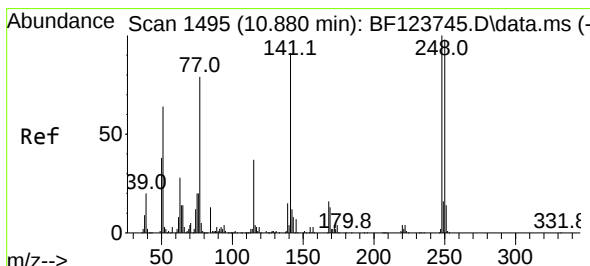
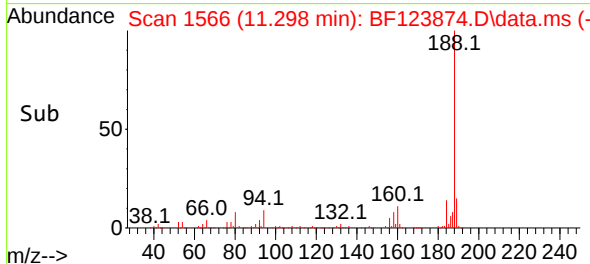
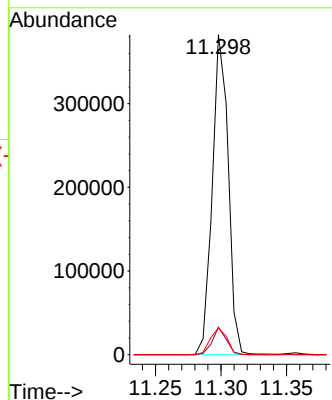
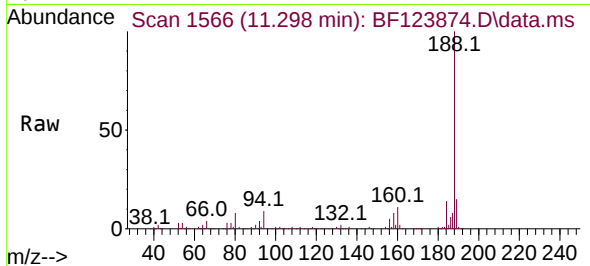




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

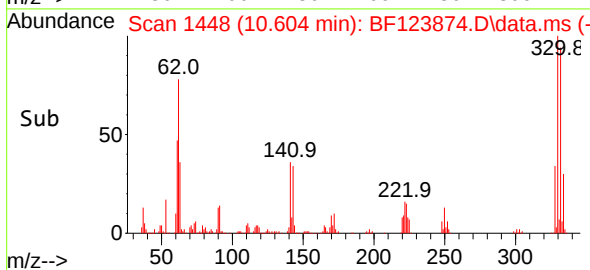
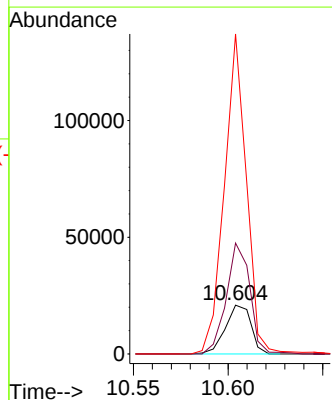
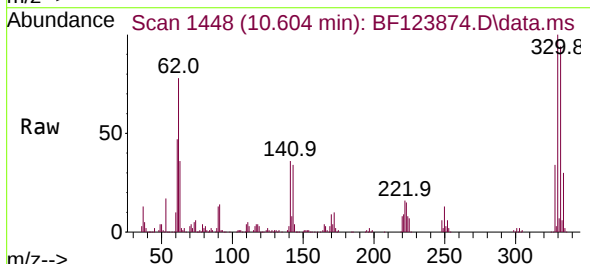
Instrument :
BNA_F
ClientSampleId :
C-1

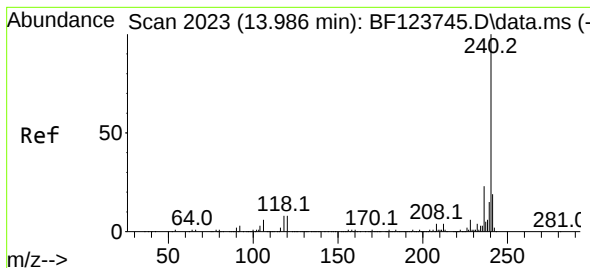
Tgt Ion:188 Resp: 323607
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 8.4 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 5.77 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.247 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

Tgt Ion:248 Resp: 19662
Ion Ratio Lower Upper
248 100
250 227.0 77.4 116.2#
141 654.8 63.7 95.5#

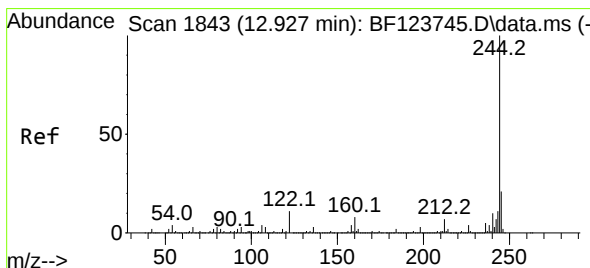
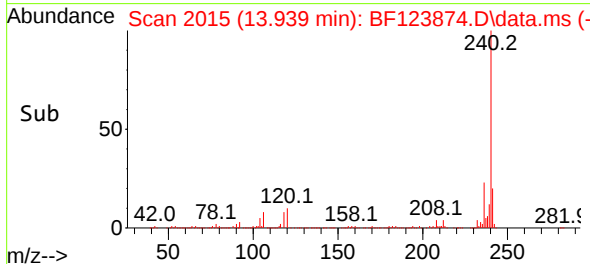
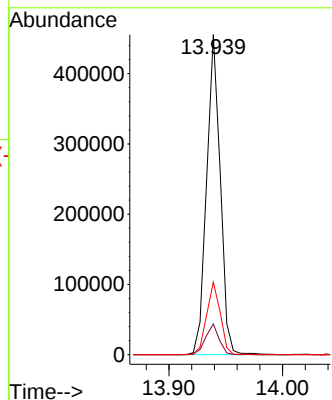
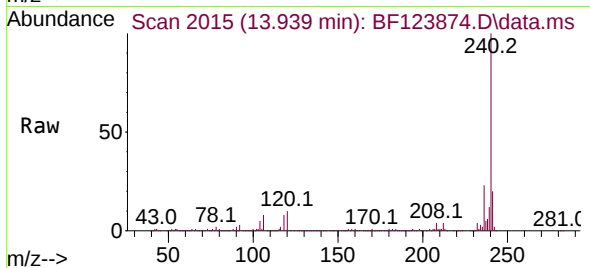




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

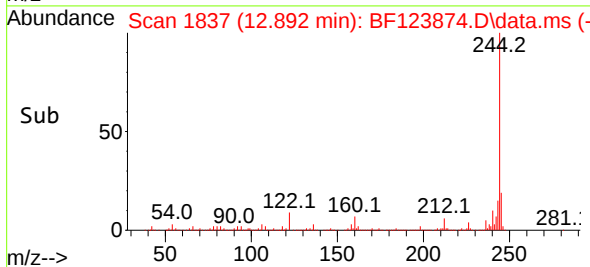
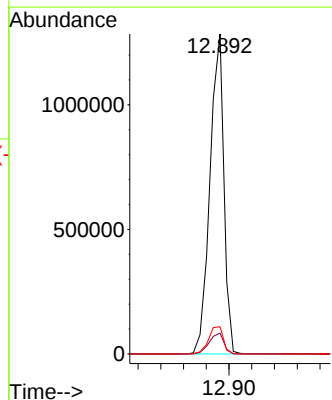
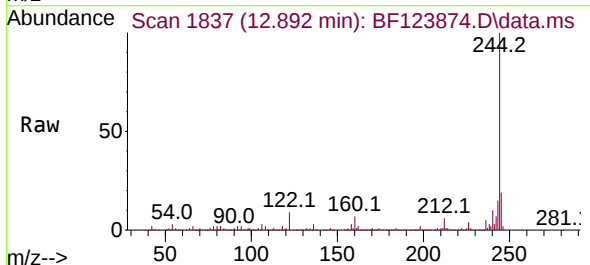
Instrument :
BNA_F
ClientSampled :
C-1

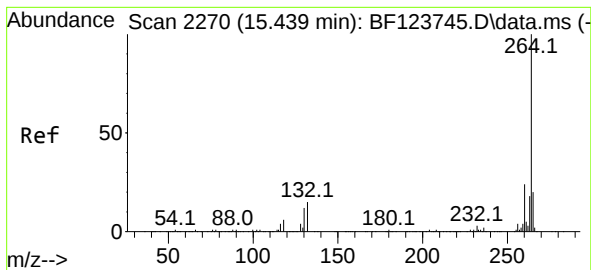
Tgt Ion:240 Resp: 379479
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 22.6 19.0 28.4



#79
Terphenyl-d14
Concen: 55.35 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF123874.D
Acq: 7 May 2021 19:27

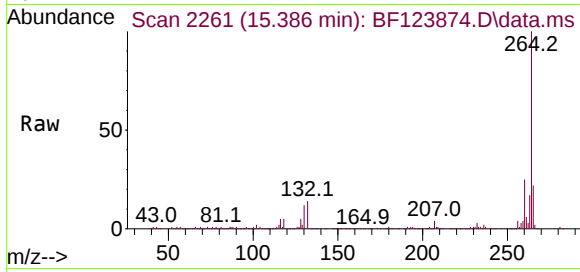
Tgt Ion:244 Resp: 1090835
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 8.5 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF123874.D
 Acq: 7 May 2021 19:27

Instrument :
 BNA_F
 ClientSampleId :
 C-1



Tgt Ion:264 Resp: 334326
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 22.1 17.8 26.8

