

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126530.D
 Acq On : 6 Jan 2022 20:43
 Operator : JU/CG
 Sample : M5196-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-3-SHALLOW

Quant Time: Jan 07 08:34:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

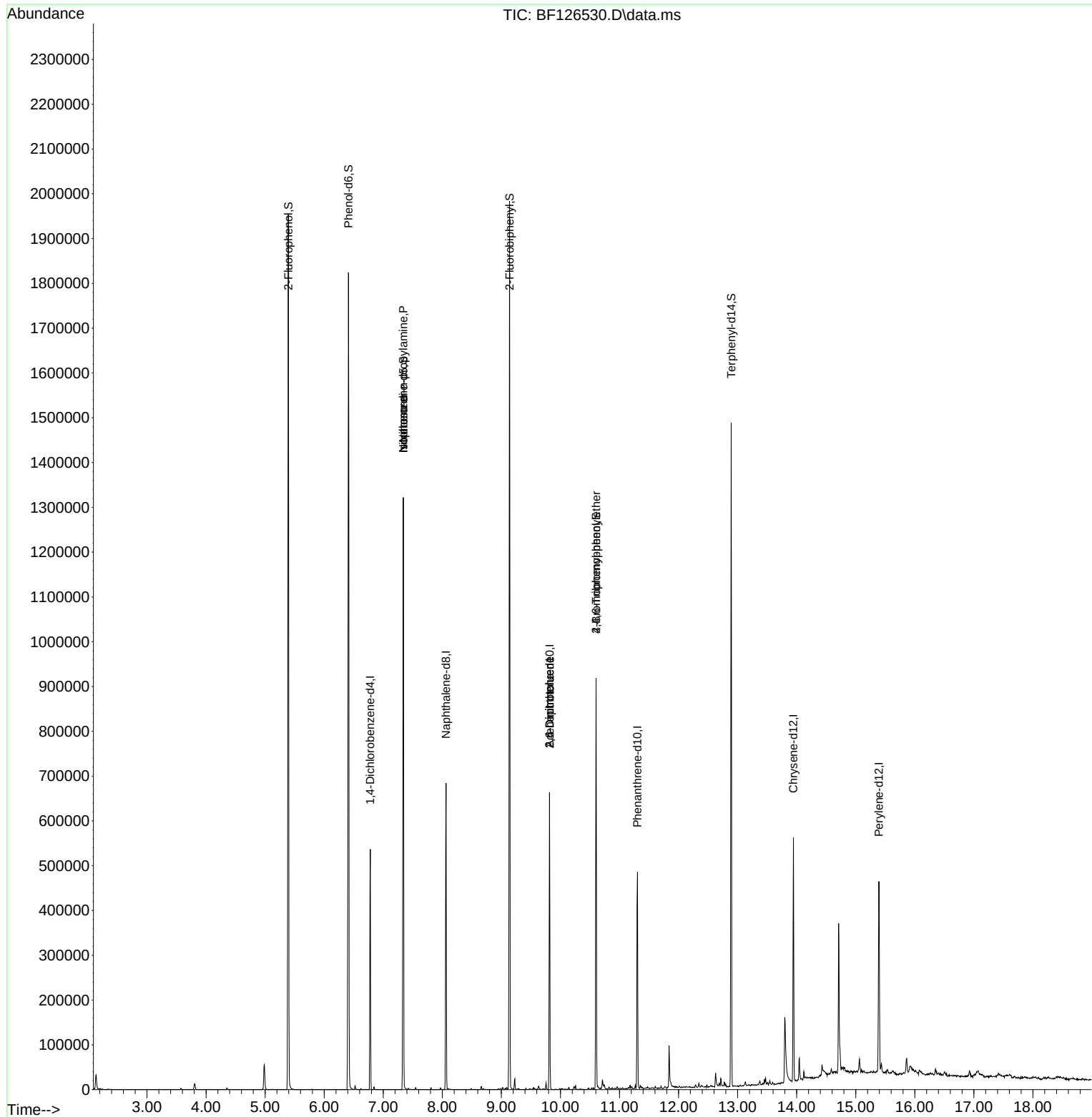
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75760	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	296824	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	122923	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	171780	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	163285	20.000	ng	0.00
86) Perylene-d12	15.392	264	171693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	557166	105.613	ng	0.00
7) Phenol-d6	6.410	99	683685	100.057	ng	-0.01
23) Nitrobenzene-d5	7.339	82	423470	73.254	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	99918	105.190	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	579503	82.960	ng	-0.01
79) Terphenyl-d14	12.892	244	458231	54.525	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.339	70	52868	13.559	ng	# 80
25) Isophorone	7.339	82	423307	40.905	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	15349	9.262	ng	# 20
57) 2,4-Dinitrotoluene	9.816	165	15349	7.179	ng	# 14
67) 4-Bromophenyl-phenylether	10.604	248	5305	3.479	ng	# 1
77) Benzidine	12.892	184	5744	Below Cal		96

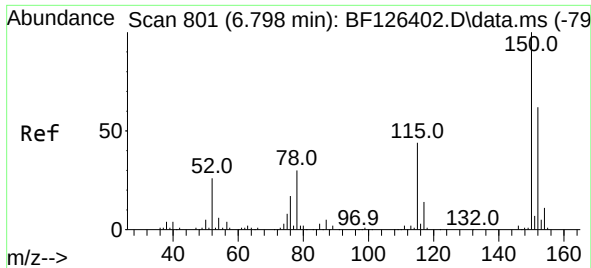
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126530.D
Acq On : 6 Jan 2022 20:43
Operator : JU/CG
Sample : M5196-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-SHALLOW

Quant Time: Jan 07 08:34:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

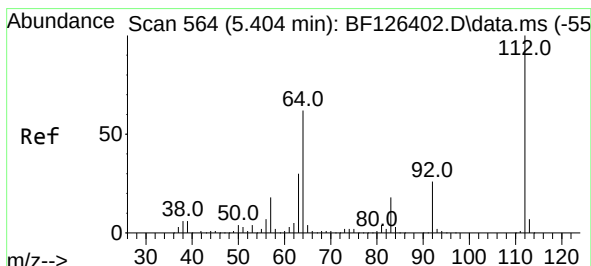
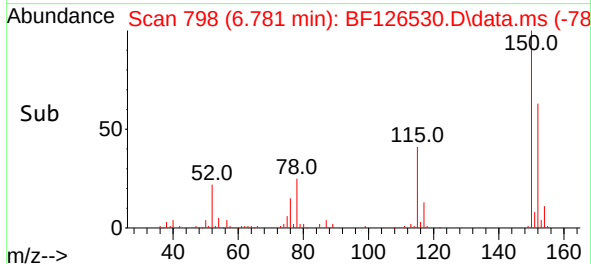
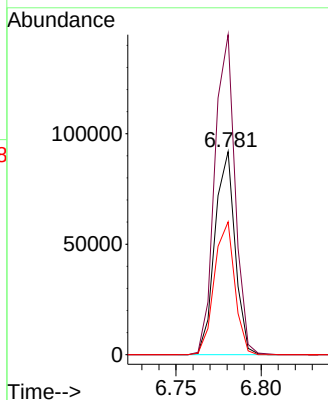
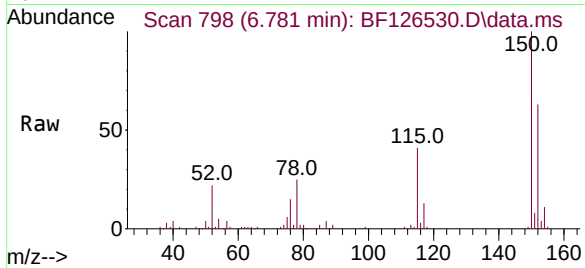




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

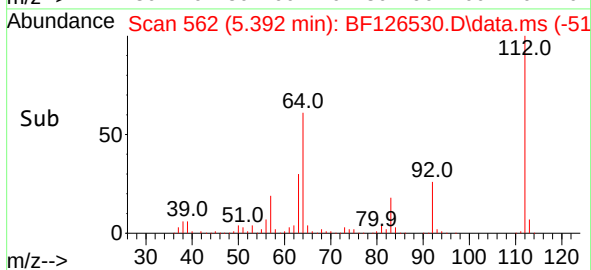
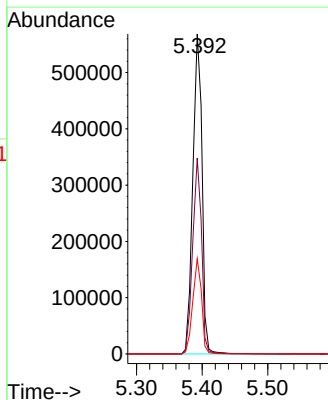
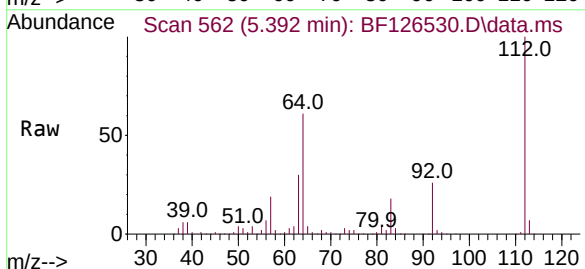
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-SHALLOW

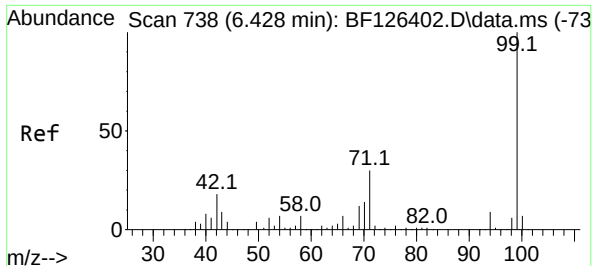
Tgt Ion:152 Resp: 75760
Ion Ratio Lower Upper
152 100
150 157.5 128.1 192.1
115 65.4 56.7 85.1



#5
2-Fluorophenol
Concen: 105.613 ng
RT: 5.392 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

Tgt Ion:112 Resp: 557166
Ion Ratio Lower Upper
112 100
64 61.2 49.5 74.3
63 29.7 23.9 35.9

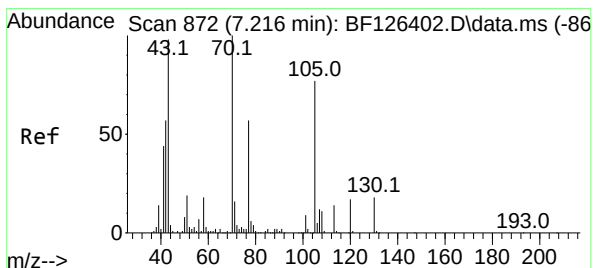
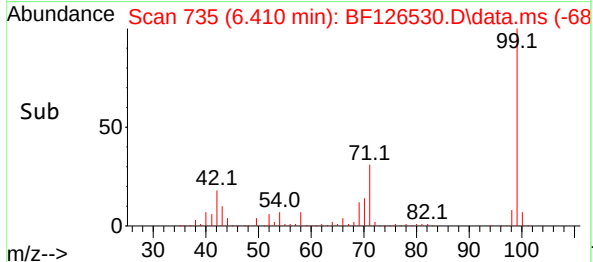
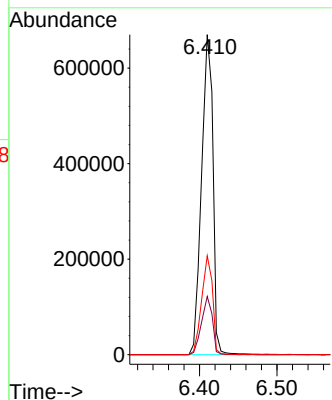
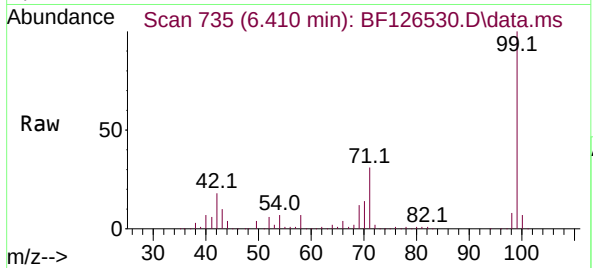




#7
Phenol-d6
Concen: 100.057 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

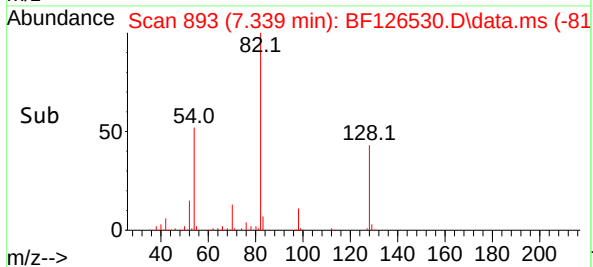
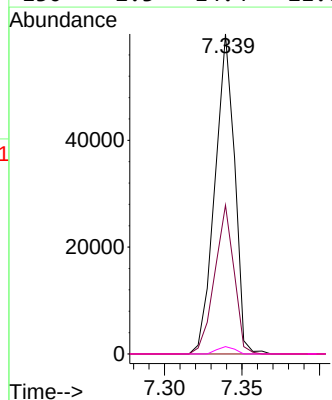
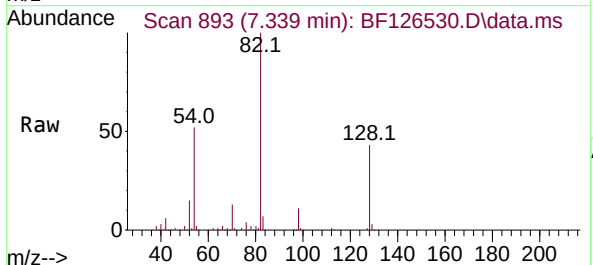
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-SHALLOW

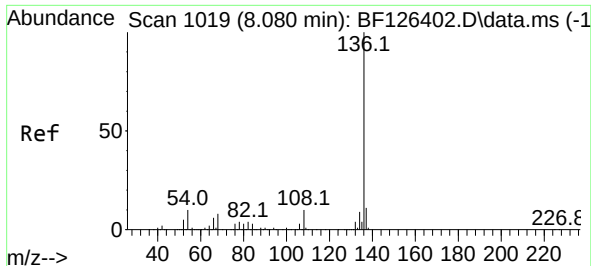
Tgt Ion: 99 Resp: 683685
Ion Ratio Lower Upper
99 100
42 18.2 14.2 21.4
71 30.9 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.559 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

Tgt Ion: 70 Resp: 52868
Ion Ratio Lower Upper
70 100
42 46.5 45.8 68.8
101 0.0 6.9 10.3#
130 2.3 14.4 21.6#



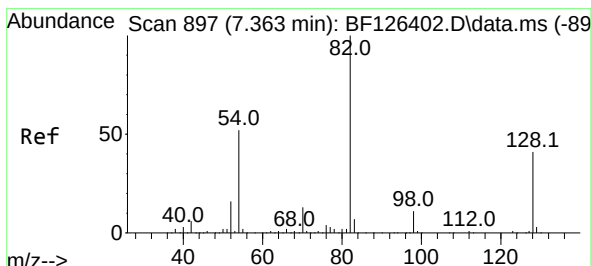
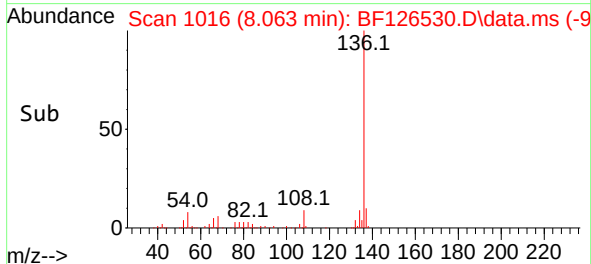
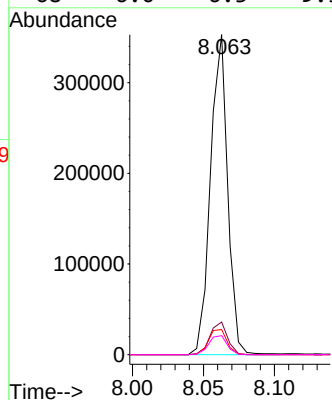
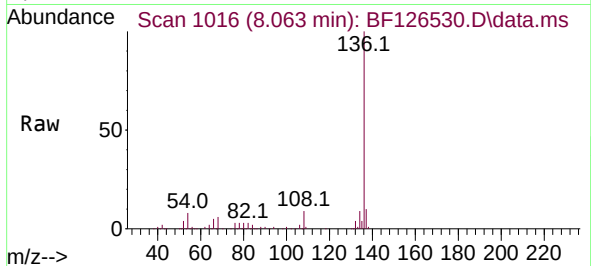


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-SHALLOW

Tgt Ion:136 Resp: 296824

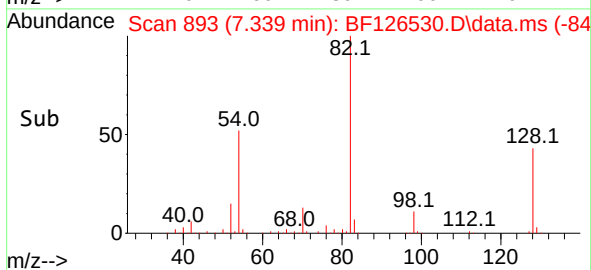
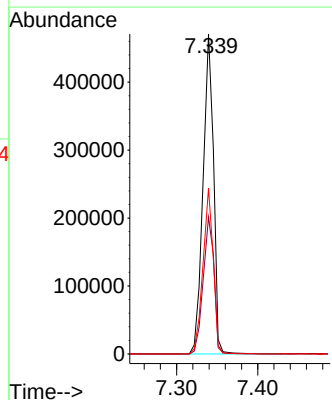
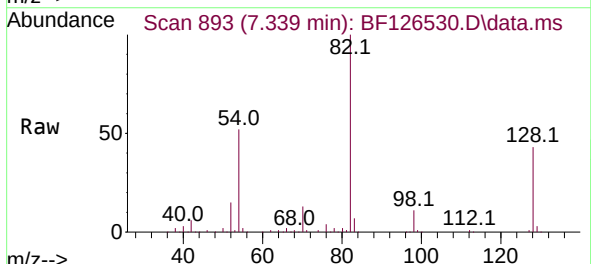
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	7.9	7.8	11.6
68	6.0	6.3	9.5

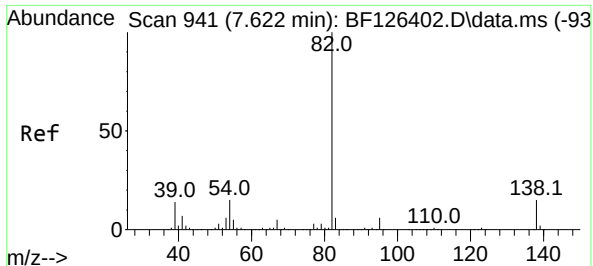


#23
Nitrobenzene-d5
Concen: 73.254 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

Tgt Ion: 82 Resp: 423470

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.7	49.1
54	51.9	41.7	62.5

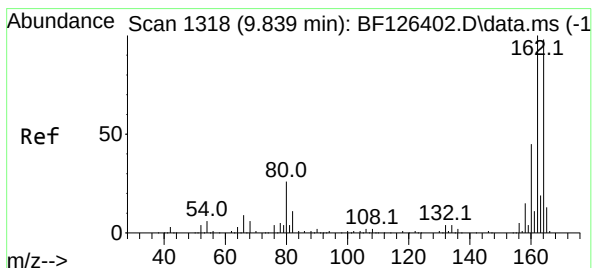
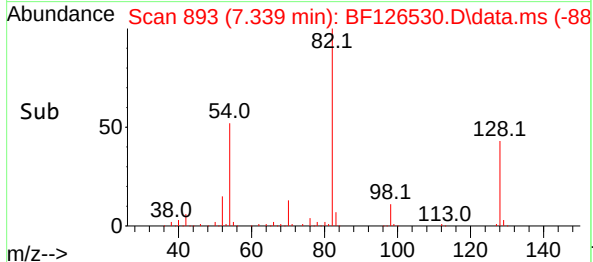
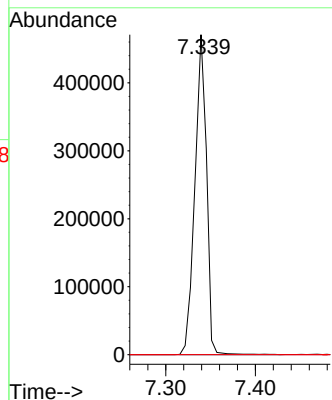
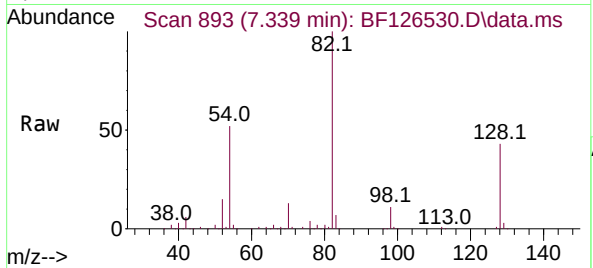




#25
Isophorone
Concen: 40.905 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

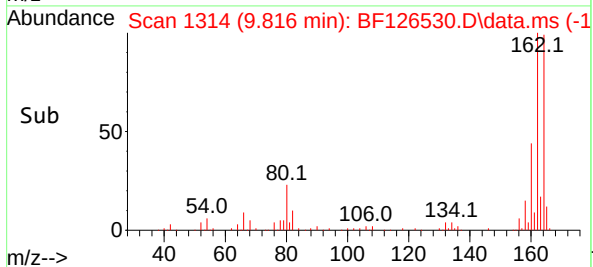
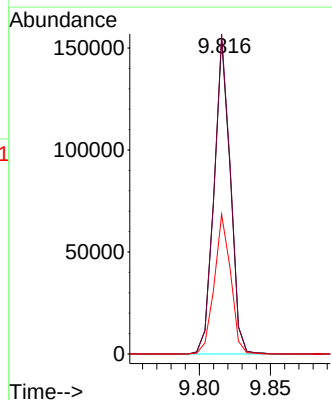
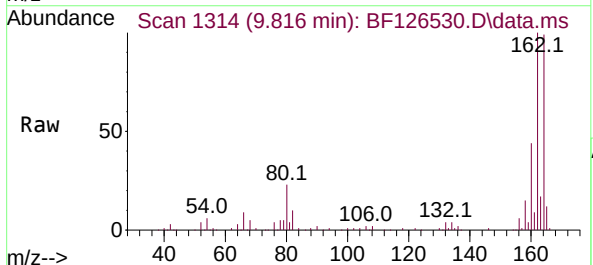
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-SHALLOW

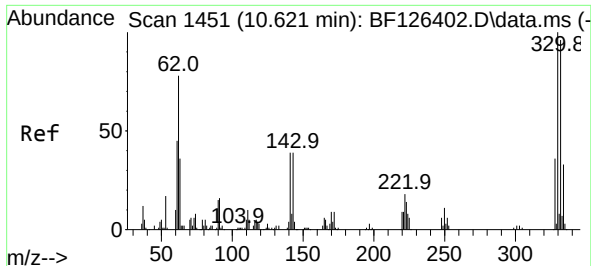
Tgt Ion: 82 Resp: 423307
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

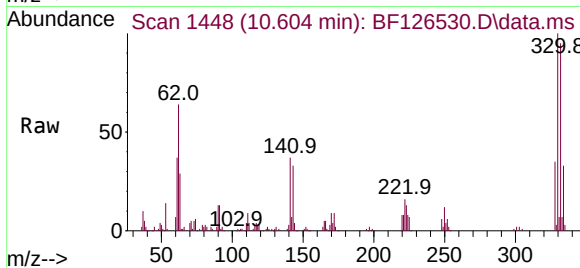
Tgt Ion:164 Resp: 122923
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 44.2 36.6 54.8



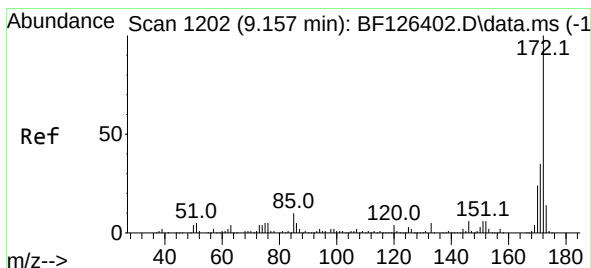
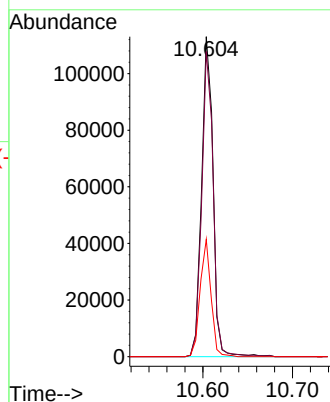
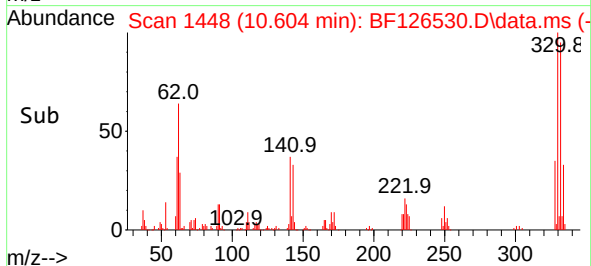


#42
2,4,6-Tribromophenol
Concen: 105.190 ng
RT: 10.604 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

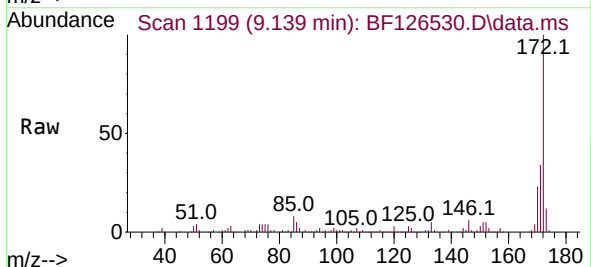
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-SHALLOW



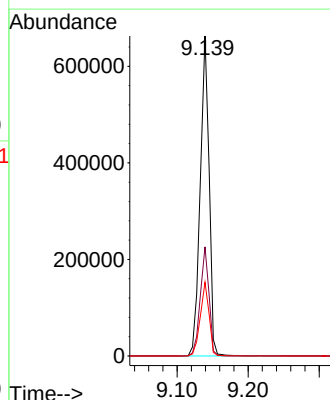
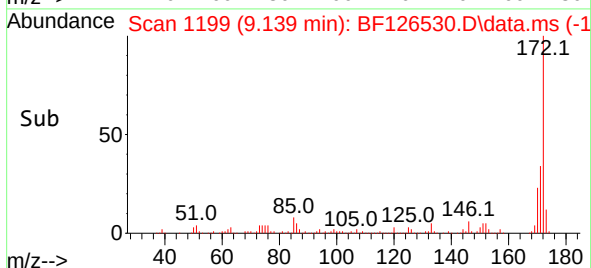
Tgt Ion:330 Resp: 99918
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 34.9 30.1 45.1

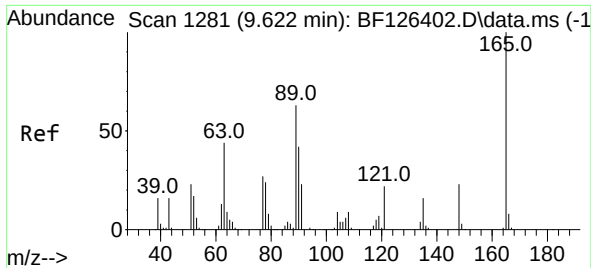


#45
2-Fluorobiphenyl
Concen: 82.960 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43



Tgt Ion:172 Resp: 579503
Ion Ratio Lower Upper
172 100
171 34.1 28.3 42.5
170 23.0 19.0 28.6

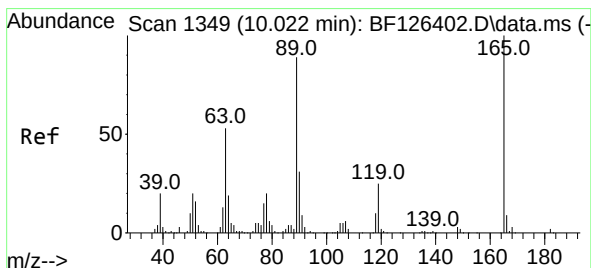
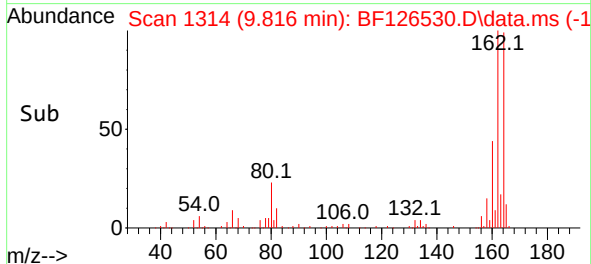
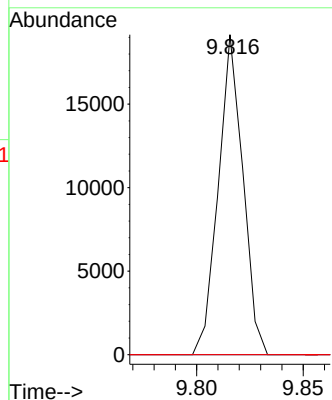
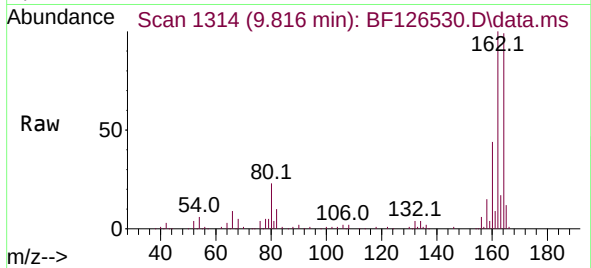




#51
2,6-Dinitrotoluene
Concen: 9.262 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

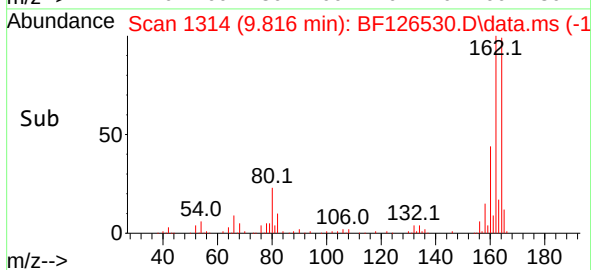
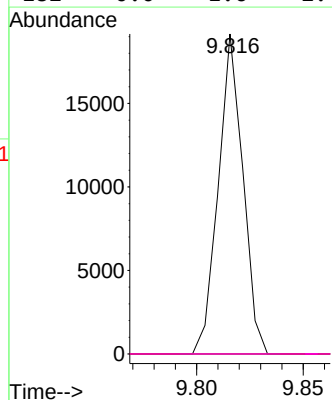
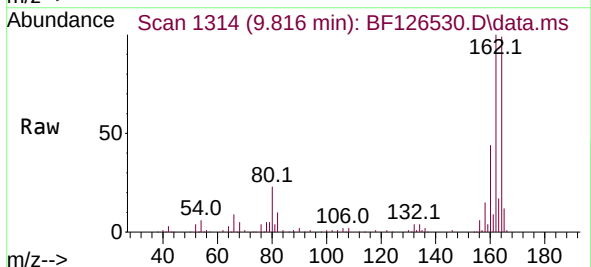
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-SHALLOW

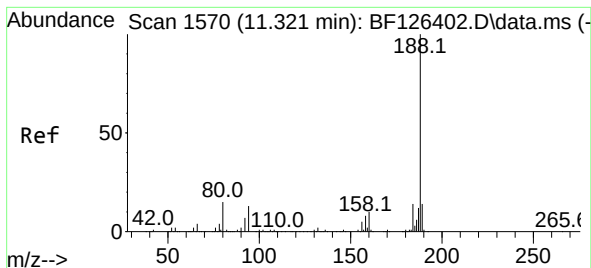
Tgt Ion:165 Resp: 15349
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.179 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

Tgt Ion:165 Resp: 15349
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126530.D

Acq: 6 Jan 2022 20:43

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-SAMPLE-3-SHALLOW

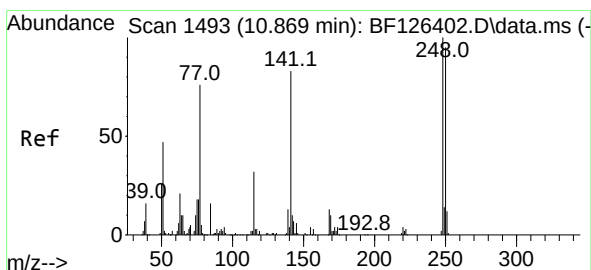
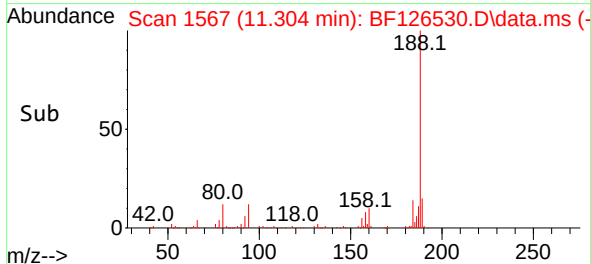
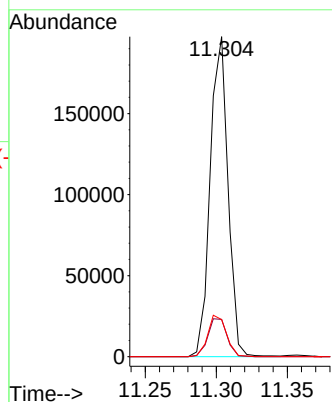
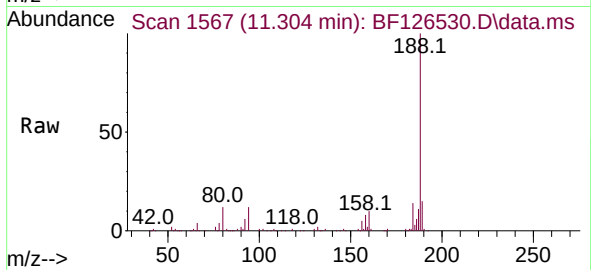
Tgt Ion:188 Resp: 171780

Ion Ratio Lower Upper

188 100

94 11.6 10.1 15.1

80 11.6 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 3.479 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.253 min

Lab File: BF126530.D

Acq: 6 Jan 2022 20:43

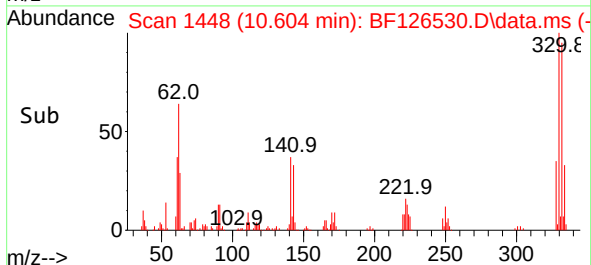
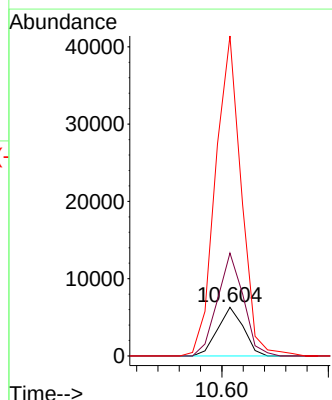
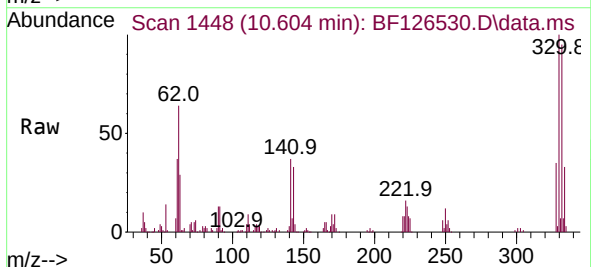
Tgt Ion:248 Resp: 5305

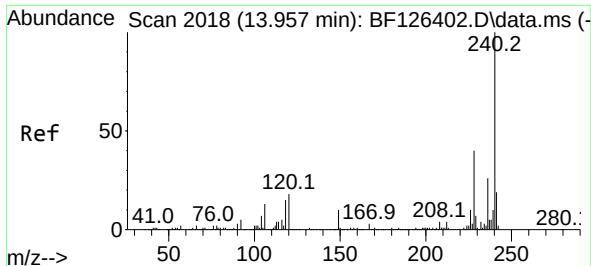
Ion Ratio Lower Upper

248 100

250 211.5 76.2 114.4#

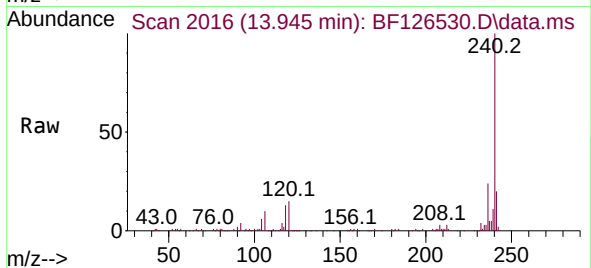
141 657.4 66.2 99.4#



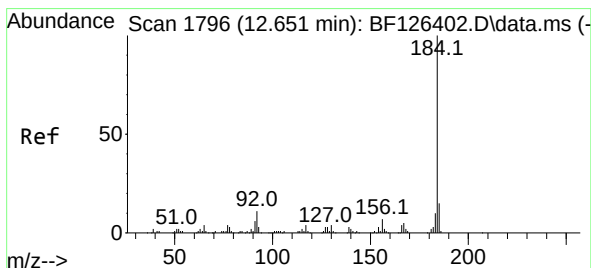
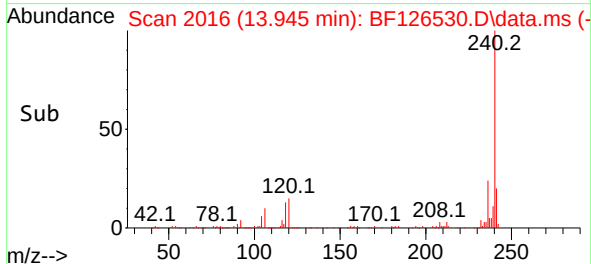
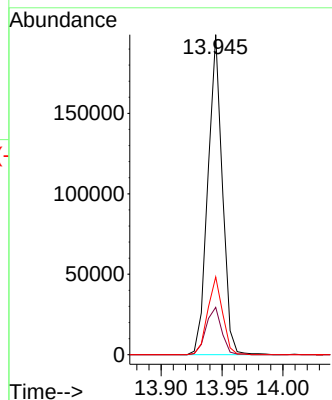


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-SHALLOW

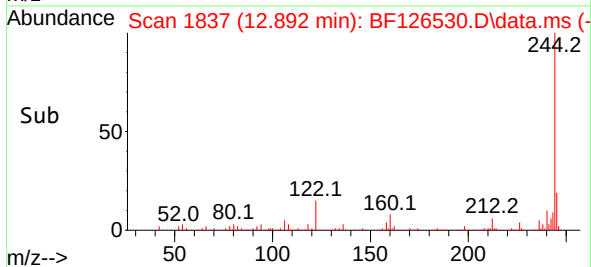
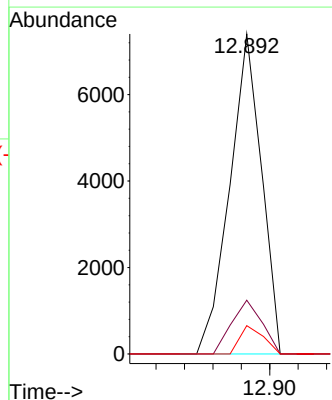
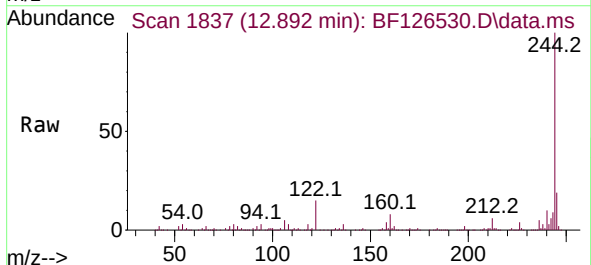


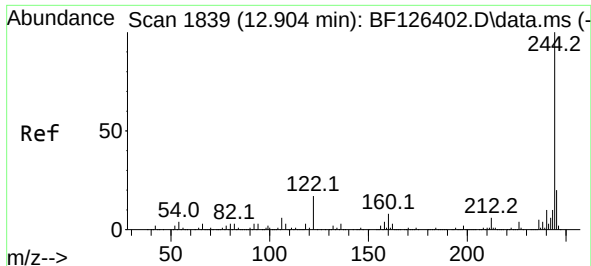
Tgt Ion:240 Resp: 163285
Ion Ratio Lower Upper
240 100
120 14.8 14.4 21.6
236 24.3 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126530.D
Acq: 6 Jan 2022 20:43

Tgt Ion:184 Resp: 5744
Ion Ratio Lower Upper
184 100
185 16.8 11.8 17.8
183 8.8 8.2 12.2

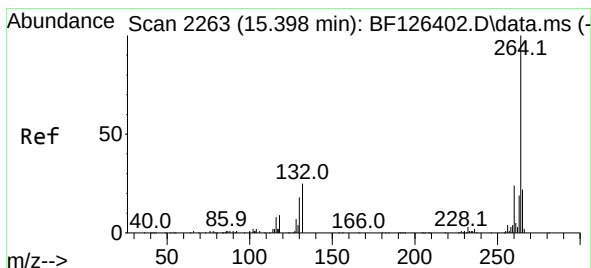
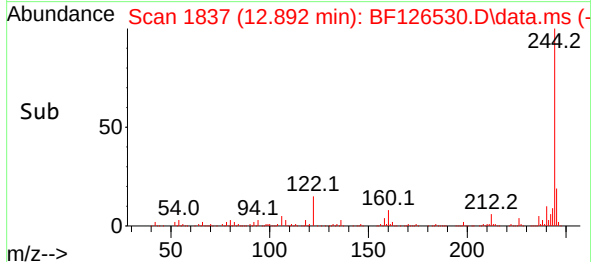
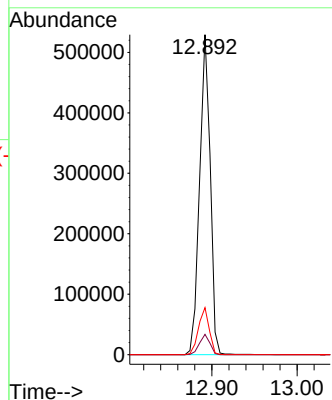
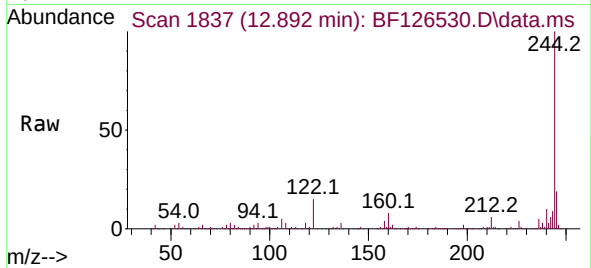




#79
 Terphenyl-d14
 Concen: 54.525 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF126530.D
 Acq: 6 Jan 2022 20:43

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-3-SHALLOW

Tgt Ion:244 Resp: 458231
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 14.7 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.006 min
 Lab File: BF126530.D
 Acq: 6 Jan 2022 20:43

Tgt Ion:264 Resp: 171693
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.3 17.4 26.2

