

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092122\
 Data File : BF130365.D
 Acq On : 21 Sep 2022 17:08
 Operator : CG\JU
 Sample : N4723-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Quant Time: Sep 22 05:57:29 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)

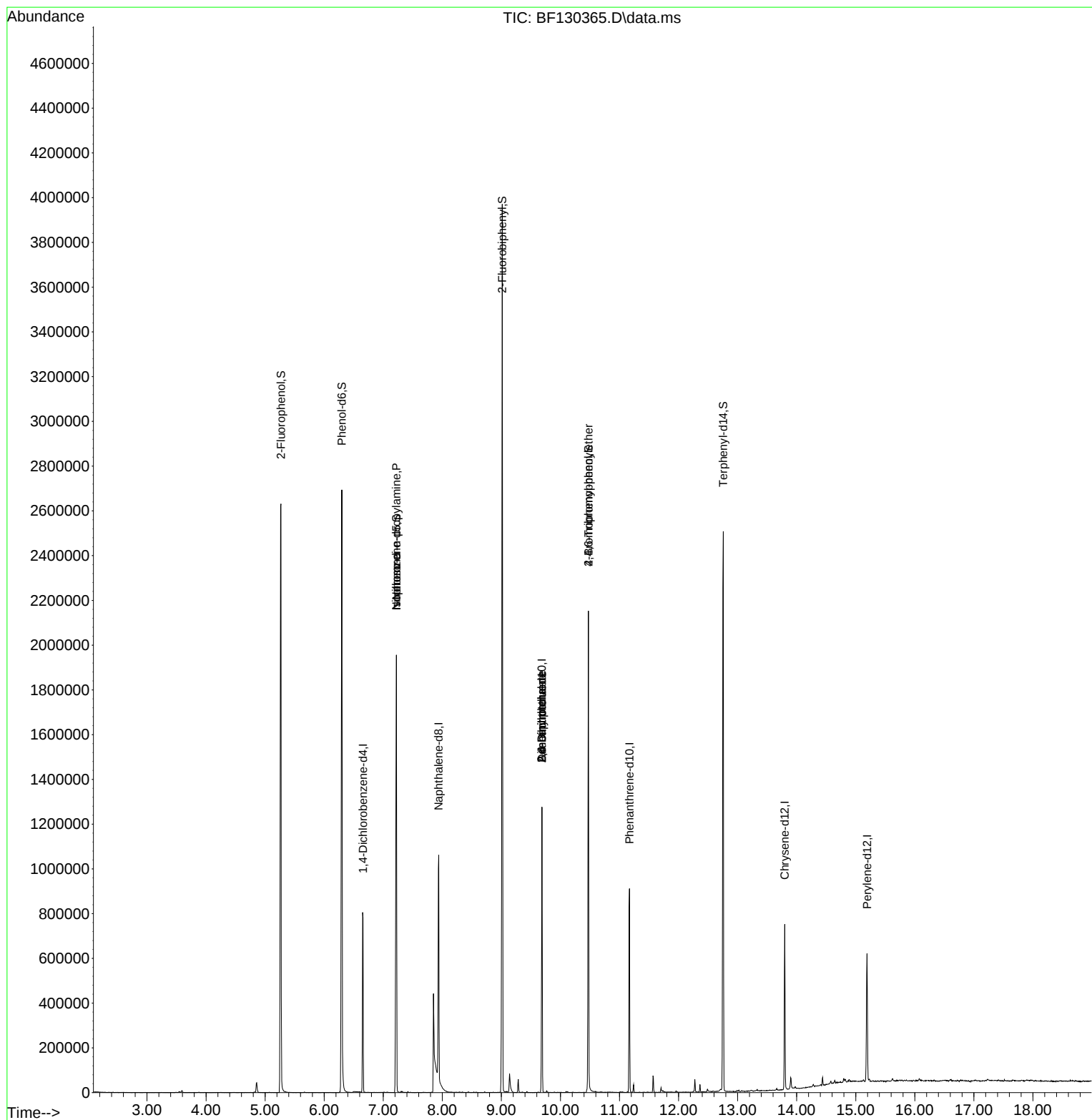
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	118539	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	460044	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	227673	20.000	ng	0.00
64) Phenanthrene-d10	11.168	188	320551	20.000	ng	0.00
76) Chrysene-d12	13.798	240	215247	20.000	ng	0.00
86) Perylene-d12	15.192	264	227150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	794072	116.189	ng	0.01
7) Phenol-d6	6.298	99	988913	115.644	ng	0.00
23) Nitrobenzene-d5	7.222	82	623583	69.250	ng	-0.01
42) 2,4,6-Tribromophenol	10.474	330	227927	104.480	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1124964	71.952	ng	0.00
79) Terphenyl-d14	12.757	244	813746	62.624	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.222	70	84325	14.614	ng	# 73
25) Isophorone	7.222	82	618422	42.610	ng	# 66
50) Dimethylphthalate	9.686	163	43055	2.738	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	29971	9.112	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	29971	7.130	ng	# 16
67) 4-Bromophenyl-phenylether	10.474	248	14195	4.014	ng	# 1

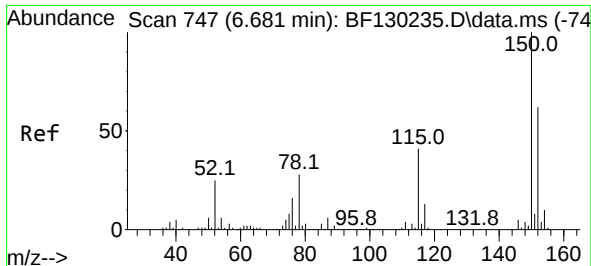
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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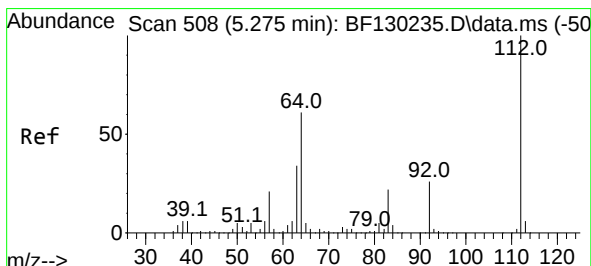
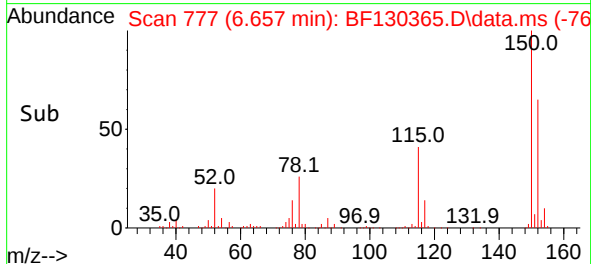
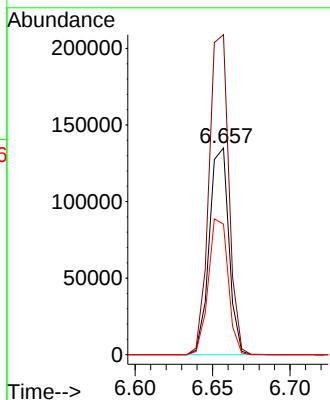
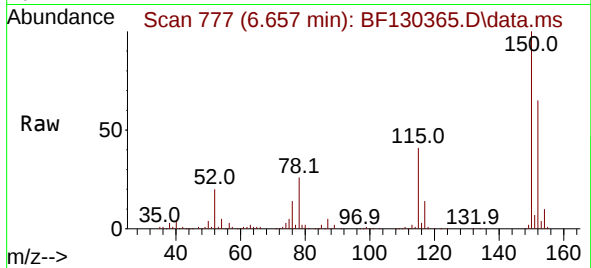




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130365.D
Acq: 21 Sep 2022 17:08

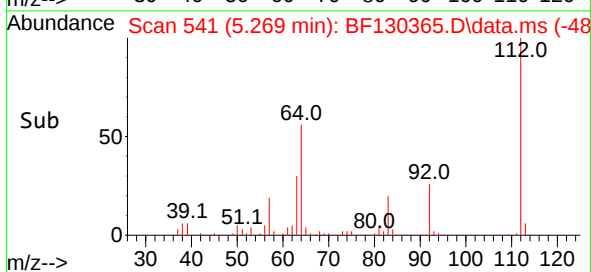
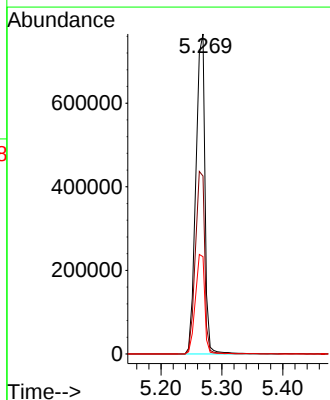
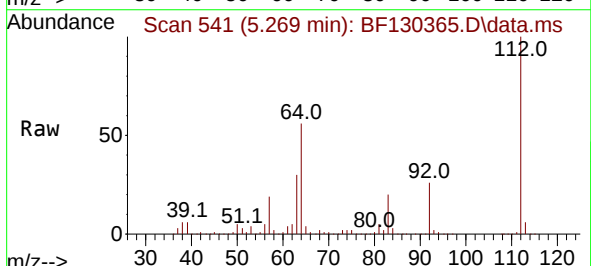
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion:152 Resp: 118539
Ion Ratio Lower Upper
152 100
150 154.7 122.8 184.2
115 63.1 53.8 80.8



#5
2-Fluorophenol
Concen: 116.189 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF130365.D
Acq: 21 Sep 2022 17:08

Tgt Ion:112 Resp: 794072
Ion Ratio Lower Upper
112 100
64 55.6 51.4 77.0
63 30.4 28.8 43.2

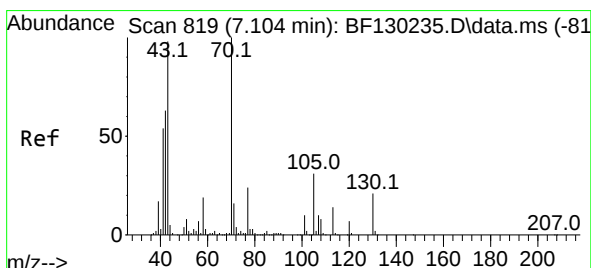
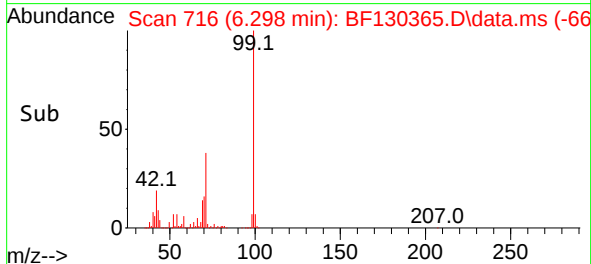
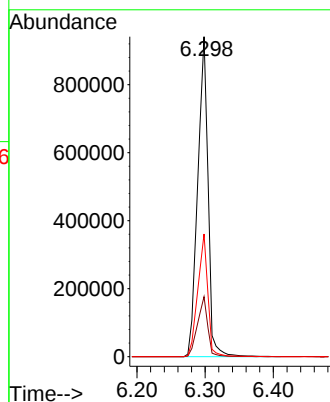
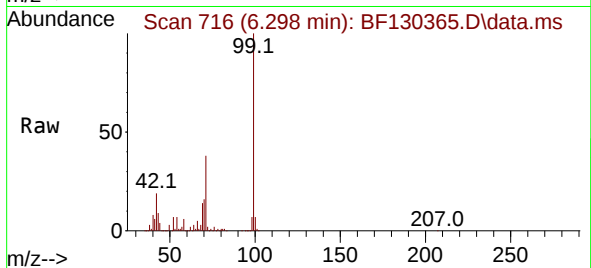




#7
Phenol-d6
Concen: 115.644 ng
RT: 6.298 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130365.D
Acq: 21 Sep 2022 17:08

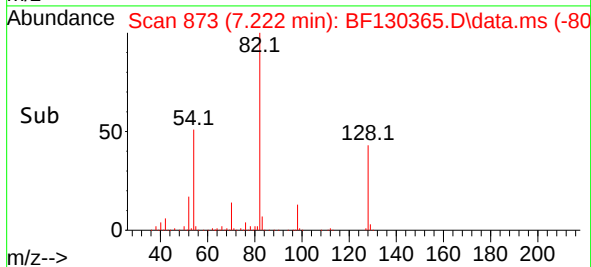
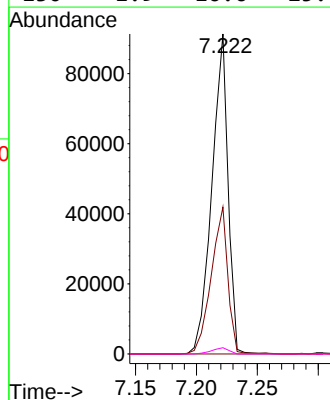
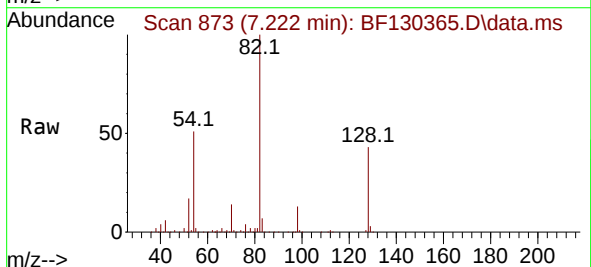
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

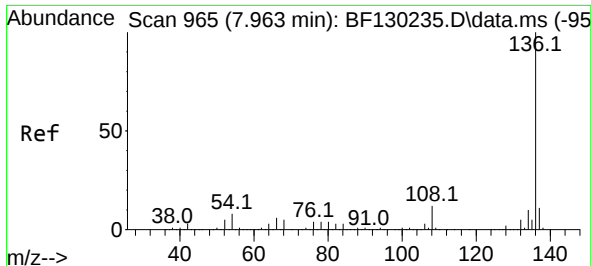
Tgt Ion: 99 Resp: 988913
Ion Ratio Lower Upper
99 100
42 18.8 17.0 25.6
71 38.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.614 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.129 min
Lab File: BF130365.D
Acq: 21 Sep 2022 17:08

Tgt Ion: 70 Resp: 84325
Ion Ratio Lower Upper
70 100
42 45.9 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#

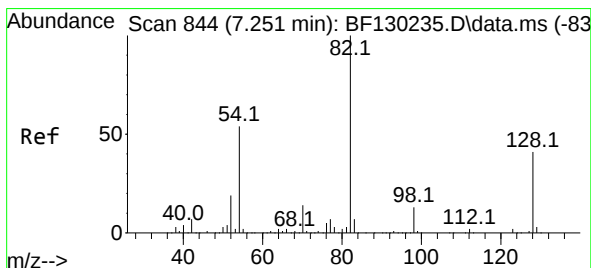
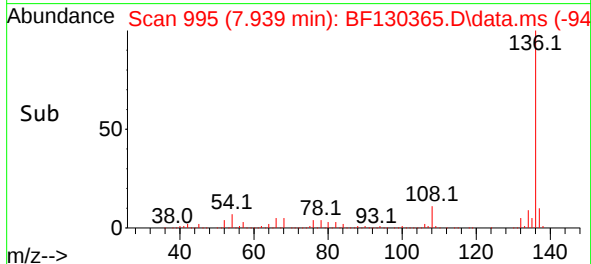
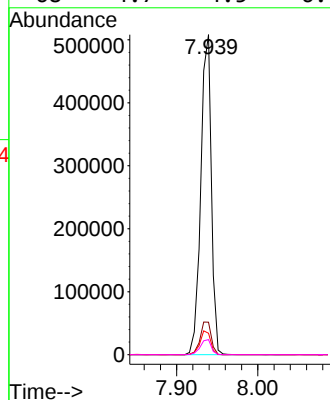
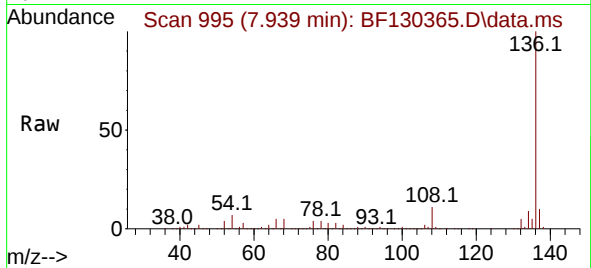




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130365.D
Acq: 21 Sep 2022 17:08

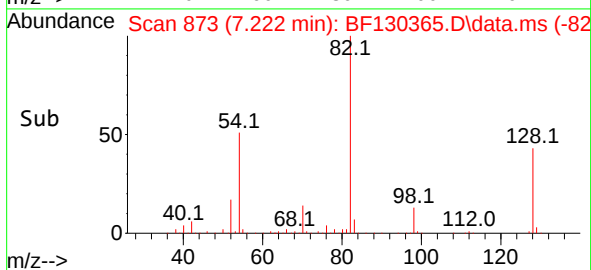
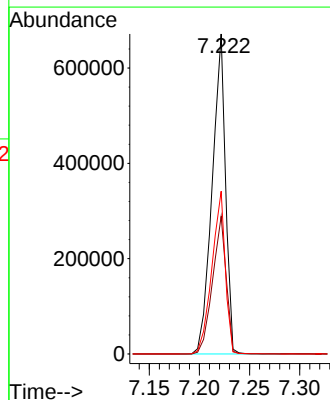
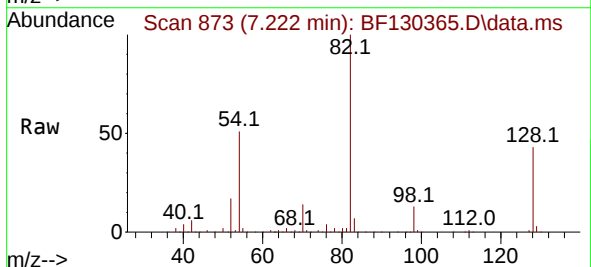
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion:136 Resp: 460044
Ion Ratio Lower Upper
136 100
137 10.1 9.1 13.7
54 6.7 7.1 10.7#
68 4.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 69.250 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130365.D
Acq: 21 Sep 2022 17:08

Tgt Ion: 82 Resp: 623583
Ion Ratio Lower Upper
82 100
128 43.0 32.6 49.0
54 50.9 43.8 65.6

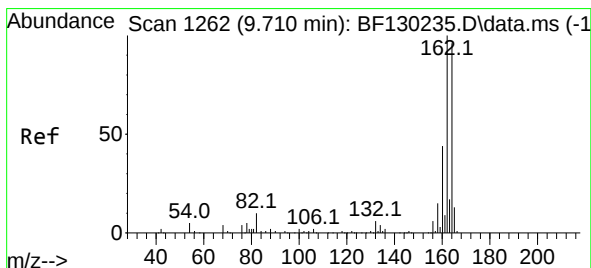
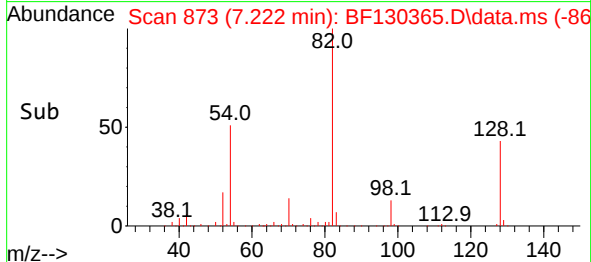
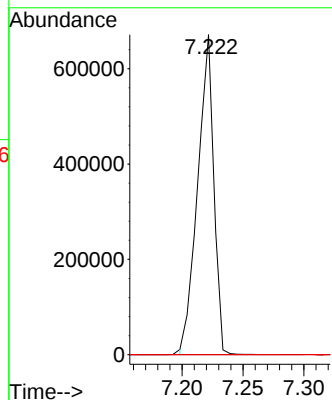
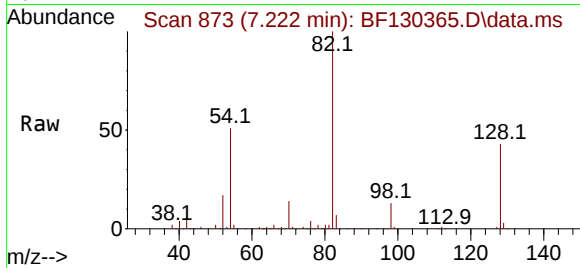




#25
Isophorone
Concen: 42.610 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130365.D
Acq: 21 Sep 2022 17:08

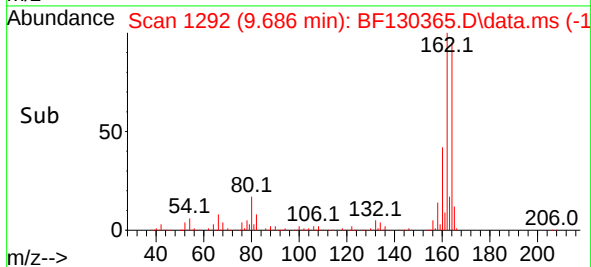
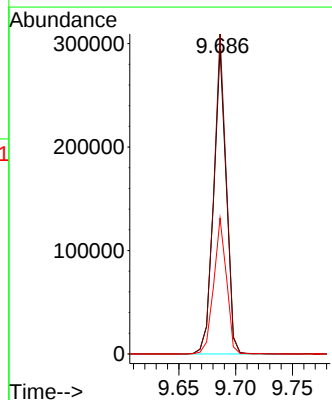
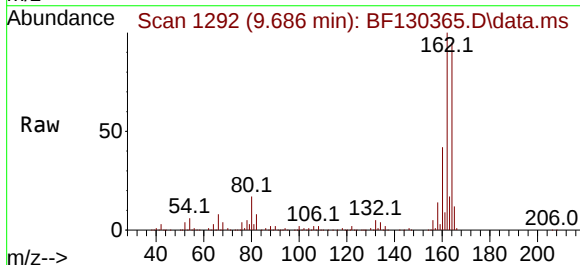
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BNA_F
ClientSampleId :
SB-16-COMP

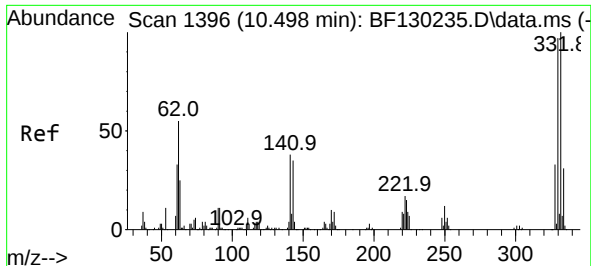
Tgt Ion: 82 Resp: 618422
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130365.D
Acq: 21 Sep 2022 17:08

Tgt Ion: 164 Resp: 227673
Ion Ratio Lower Upper
164 100
162 104.9 81.4 122.0
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 104.480 ng

RT: 10.474 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130365.D

Acq: 21 Sep 2022 17:08

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

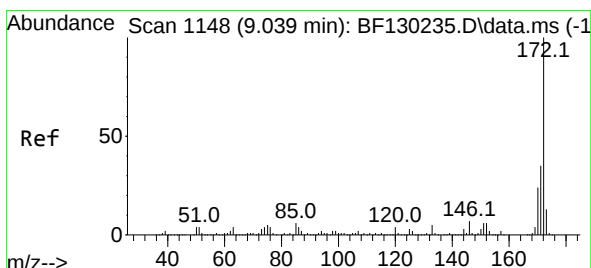
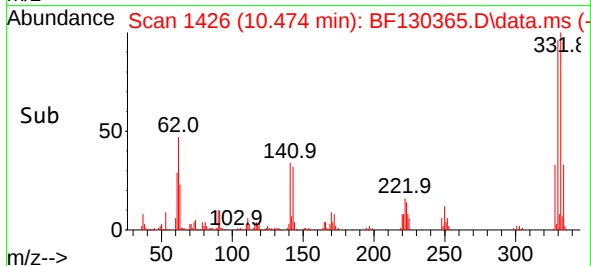
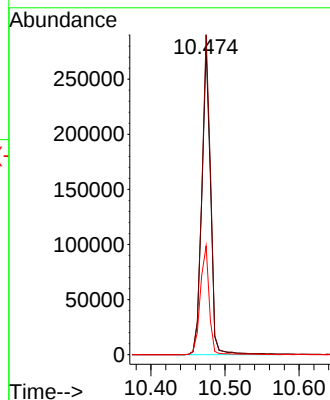
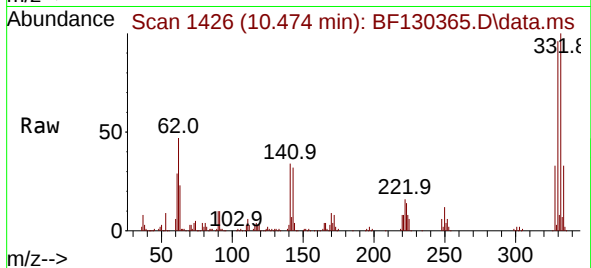
Tgt Ion:330 Resp: 227927

Ion Ratio Lower Upper

330 100

332 104.2 83.4 125.2

141 35.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 71.952 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130365.D

Acq: 21 Sep 2022 17:08

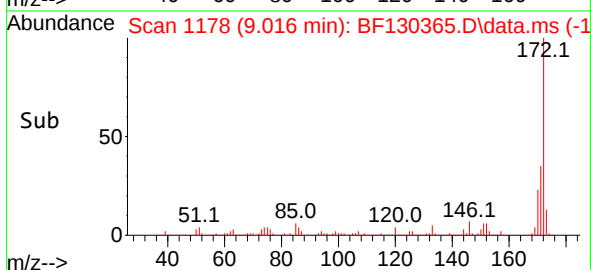
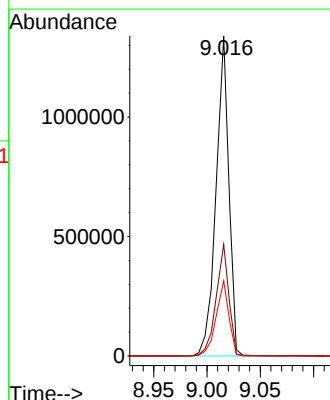
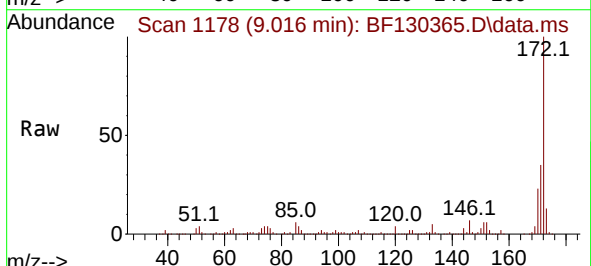
Tgt Ion:172 Resp: 1124964

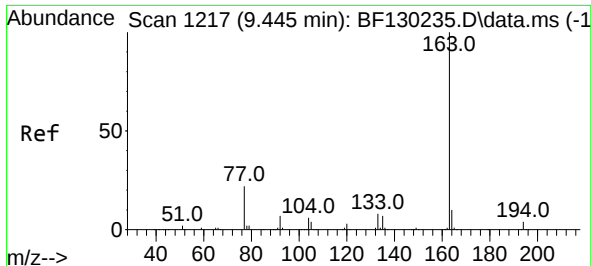
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.4 18.7 28.1

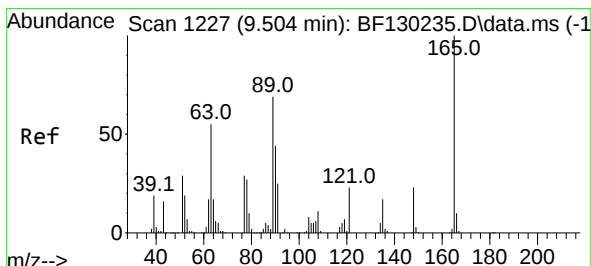
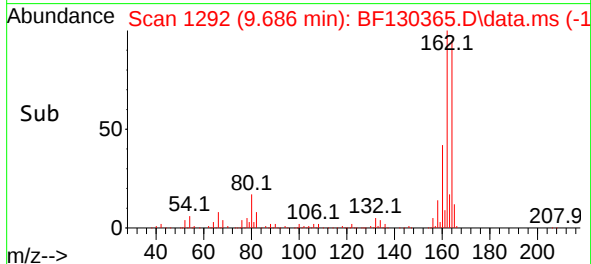
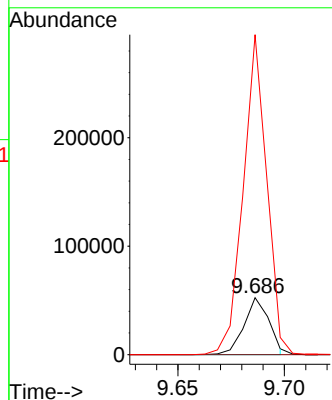
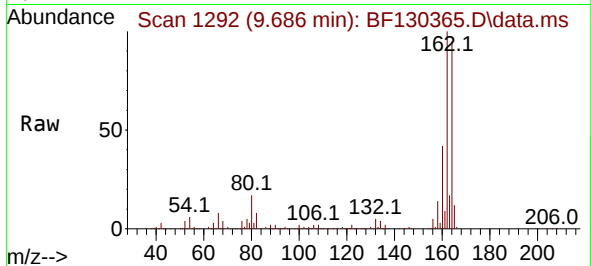




#50
Dimethylphthalate
Concen: 2.738 ng
RT: 9.686 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130365.D
Acq: 21 Sep 2022 17:08

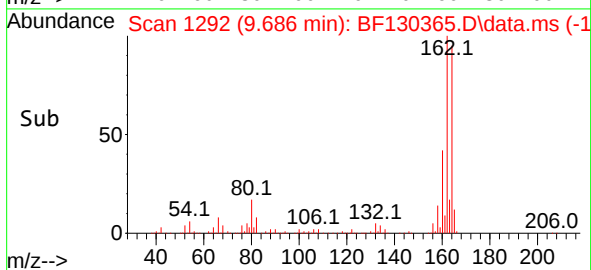
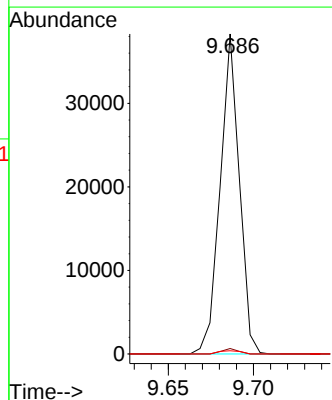
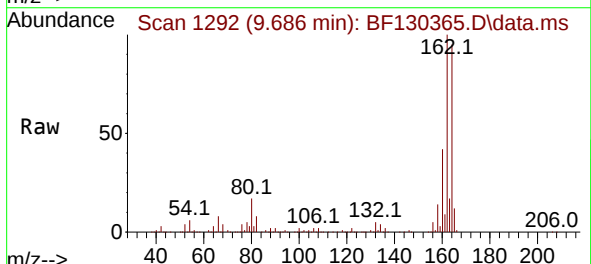
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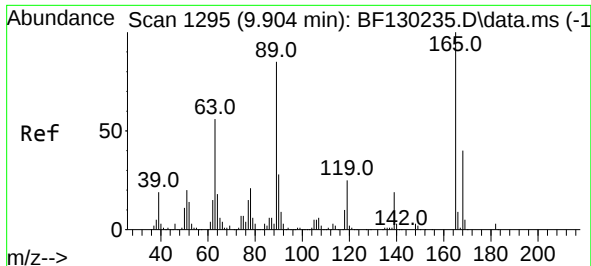
Tgt Ion:163 Resp: 43055
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 561.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.112 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130365.D
Acq: 21 Sep 2022 17:08

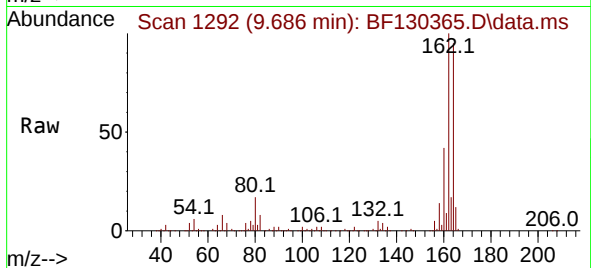
Tgt Ion:165 Resp: 29971
Ion Ratio Lower Upper
165 100
63 1.7 58.8 88.2#
89 1.0 54.5 81.7#



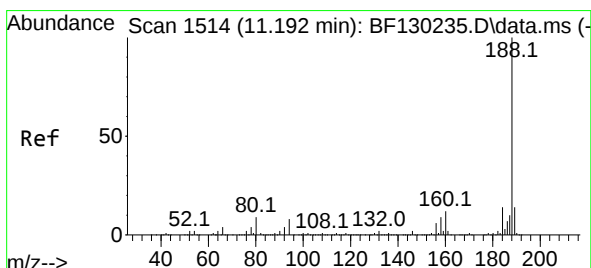
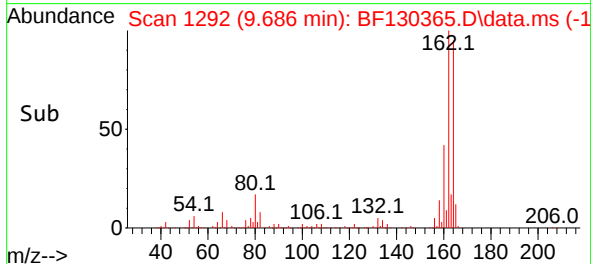
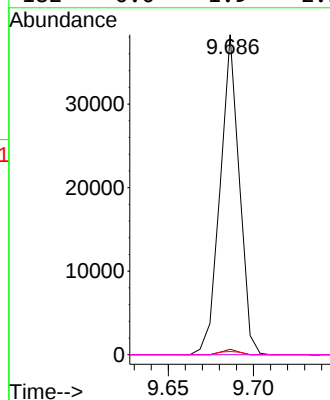


#57
2,4-Dinitrotoluene
Concen: 7.130 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130365.D
Acq: 21 Sep 2022 17:08

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

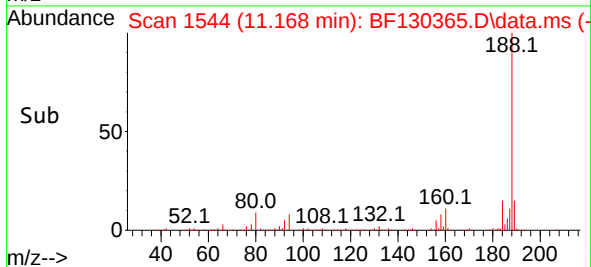
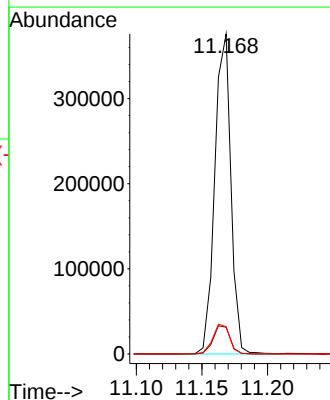
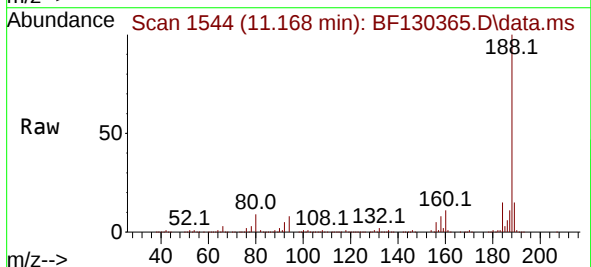


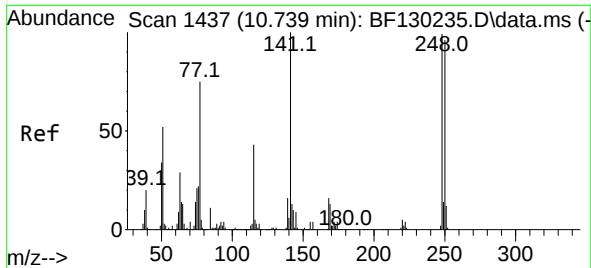
Tgt Ion:165 Resp: 29971
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.0 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.168 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130365.D
Acq: 21 Sep 2022 17:08

Tgt Ion:188 Resp: 320551
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.6 7.9 11.9

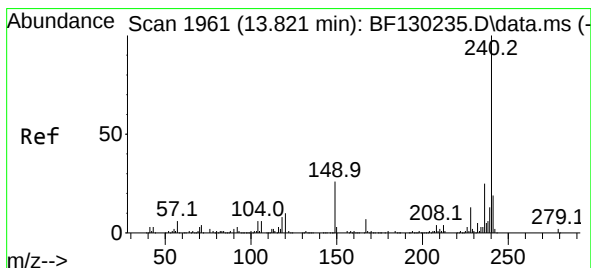
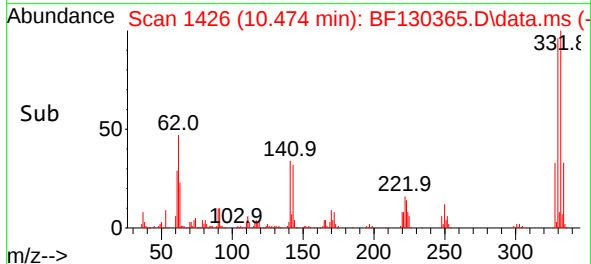
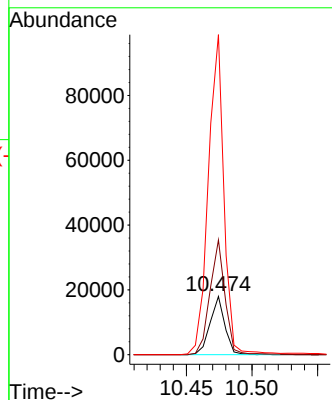
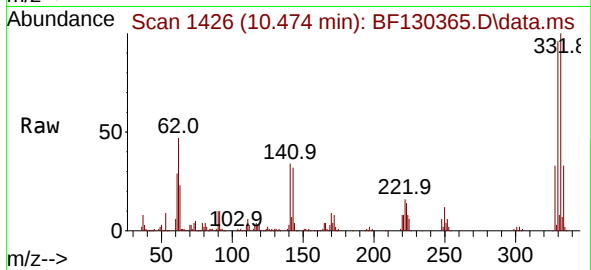




#67
4-Bromophenyl-phenylether
Concen: 4.014 ng
RT: 10.474 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130365.D
Acq: 21 Sep 2022 17:08

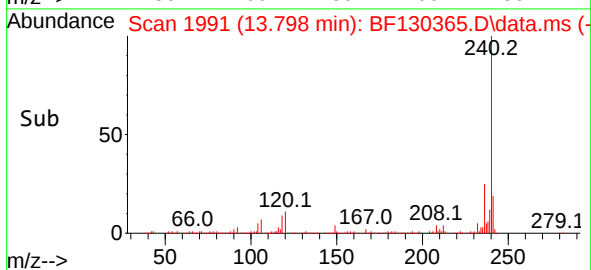
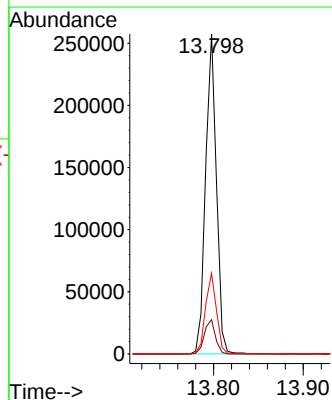
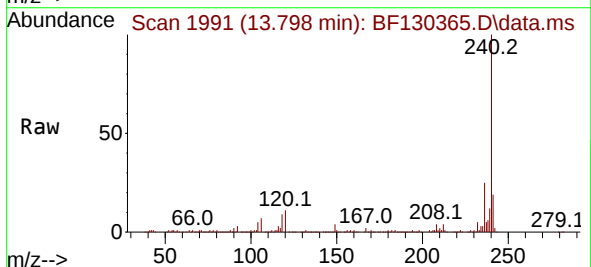
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

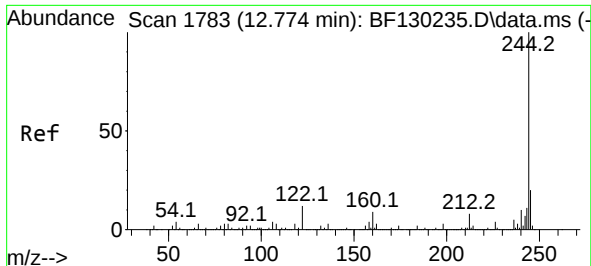
Tgt Ion:248 Resp: 14195
Ion Ratio Lower Upper
248 100
250 196.9 80.0 120.0#
141 548.8 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130365.D
Acq: 21 Sep 2022 17:08

Tgt Ion:240 Resp: 215247
Ion Ratio Lower Upper
240 100
120 10.7 8.7 13.1
236 25.2 20.9 31.3

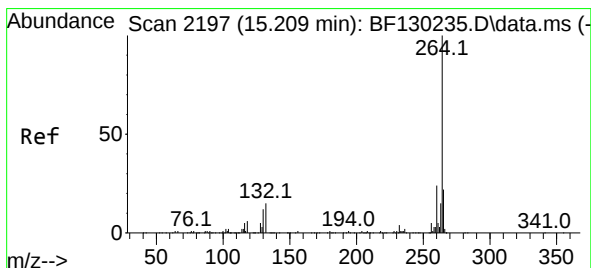
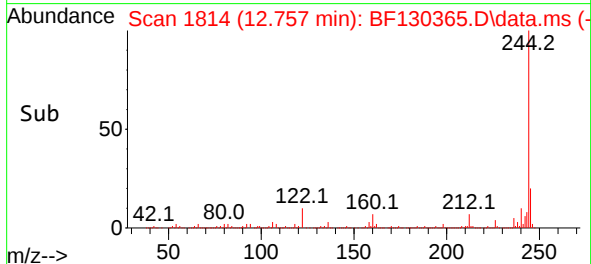
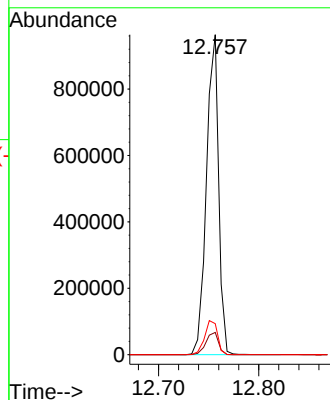
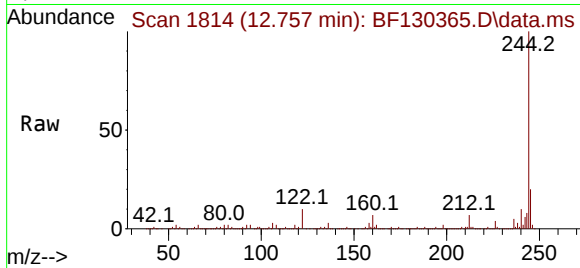




#79
 Terphenyl-d14
 Concen: 62.624 ng
 RT: 12.757 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130365.D
 Acq: 21 Sep 2022 17:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Tgt Ion:244 Resp: 813746
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. 0.006 min
 Lab File: BF130365.D
 Acq: 21 Sep 2022 17:08

Tgt Ion:264 Resp: 227150
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 21.1 17.0 25.4

