

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130147.D
 Acq On : 06 Sep 2022 20:20
 Operator : CG\JU
 Sample : N4501-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Quant Time: Sep 07 02:18:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

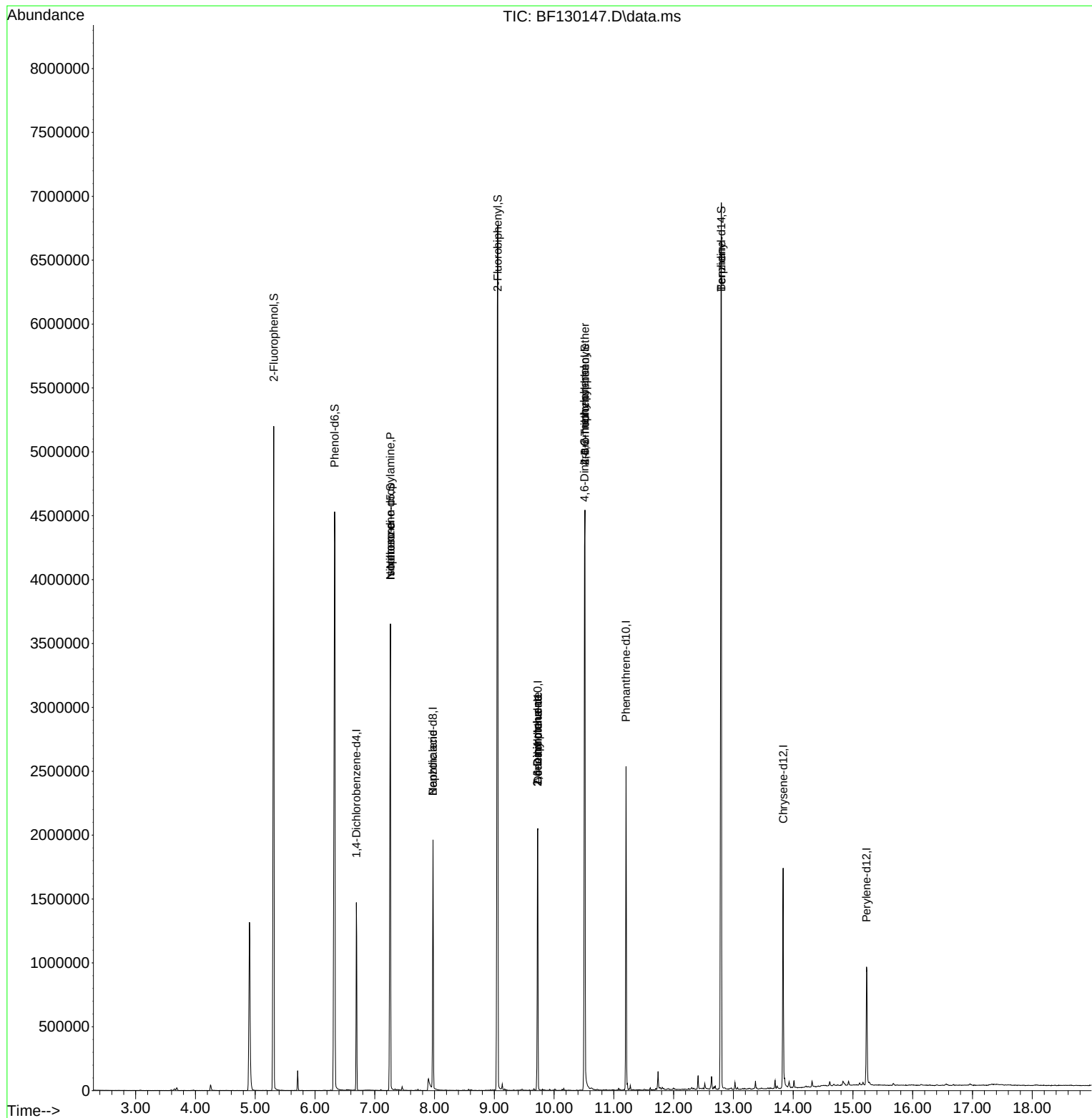
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.693	152	213312	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	851981	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	466330	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	808600	20.000	ng	# 0.00
76) Chrysene-d12	13.833	240	527193	20.000	ng	-0.01
86) Perylene-d12	15.227	264	393351	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1744999	138.876	ng	0.01
7) Phenol-d6	6.328	99	2240978	143.056	ng	0.00
23) Nitrobenzene-d5	7.263	82	1304408	98.393	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	657234	154.829	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2415569	85.881	ng	0.00
79) Terphenyl-d14	12.798	244	2691912	88.546	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	169014	17.909	ng	# 73
25) Isophorone	7.263	82	1297741	48.365	ng	# 65
32) Benzoic acid	7.975	122	210	6.592	ng	# 1
50) Dimethylphthalate	9.728	163	88765	2.795	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	60491	9.768	ng	# 22
57) 2,4-Dinitrotoluene	9.722	165	60491	8.484	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.510	198	1588	6.445	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	39779	4.423	ng	# 1
77) Benzidine	12.798	184	37071	2.604	ng	# 93

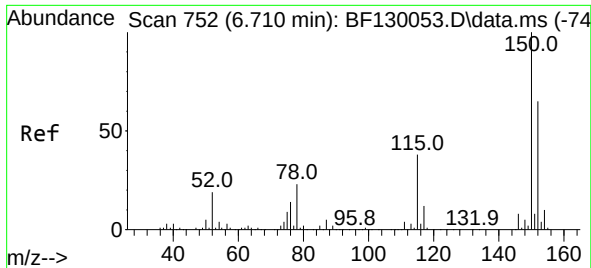
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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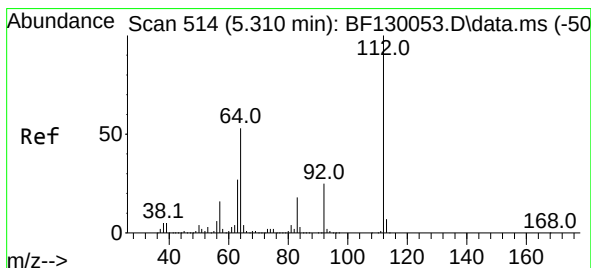
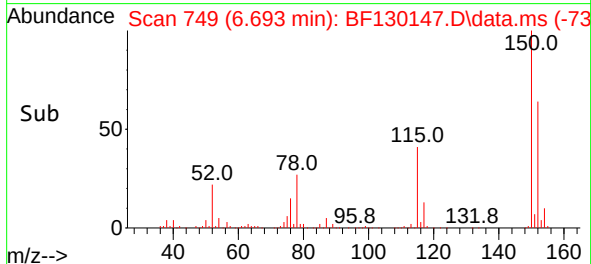
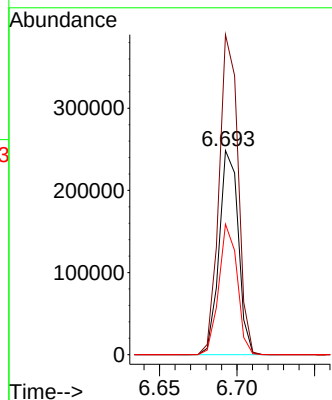
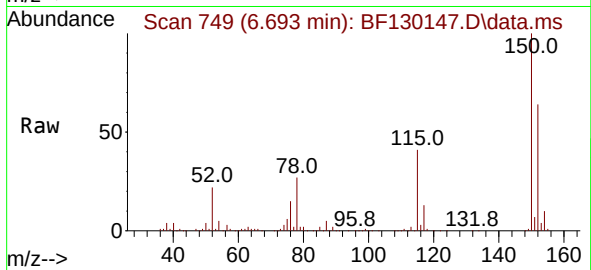




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.693 min Scan# 749
 Delta R.T. -0.005 min
 Lab File: BF130147.D
 Acq: 06 Sep 2022 20:20

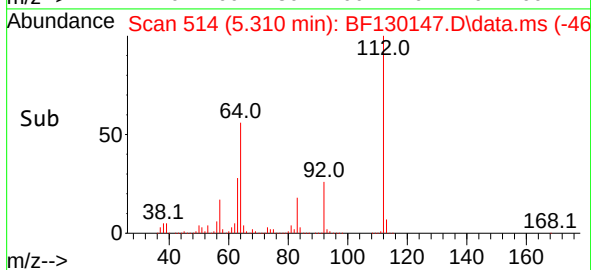
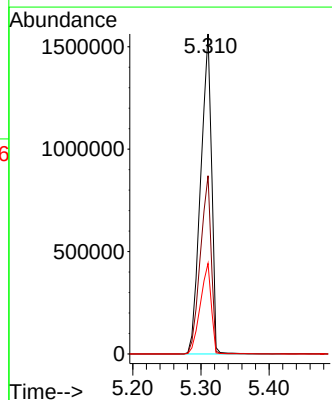
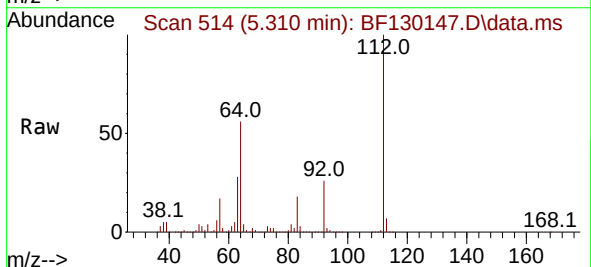
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

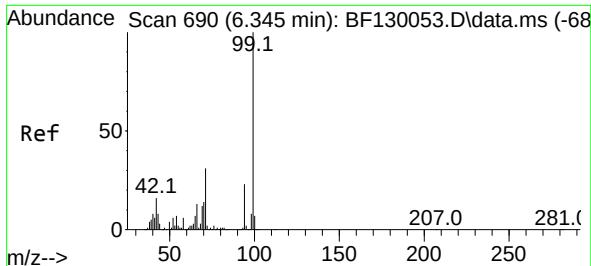
Tgt Ion:152 Resp: 213312
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.9 190.3
 115 64.0 53.4 80.0



#5
 2-Fluorophenol
 Concen: 138.876 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.012 min
 Lab File: BF130147.D
 Acq: 06 Sep 2022 20:20

Tgt Ion:112 Resp: 1744999
 Ion Ratio Lower Upper
 112 100
 64 55.7 47.6 71.4
 63 28.3 24.6 37.0

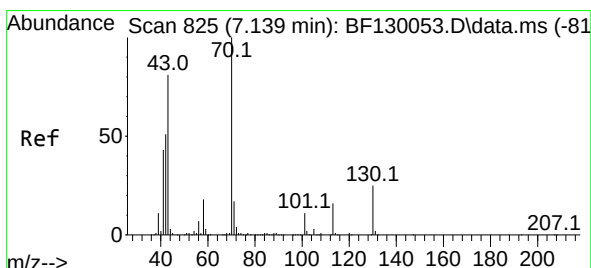
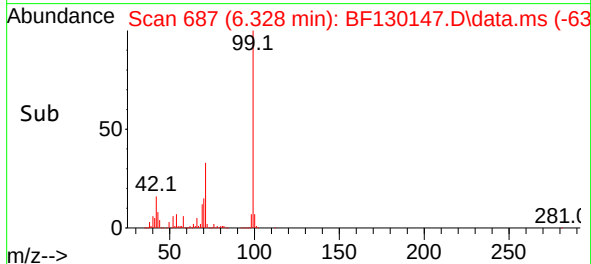
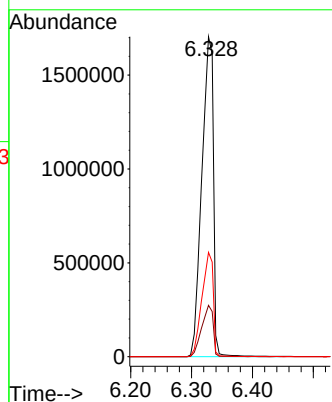
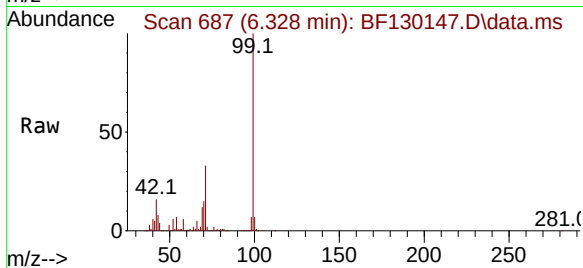




#7
Phenol-d6
Concen: 143.056 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130147.D
Acq: 06 Sep 2022 20:20

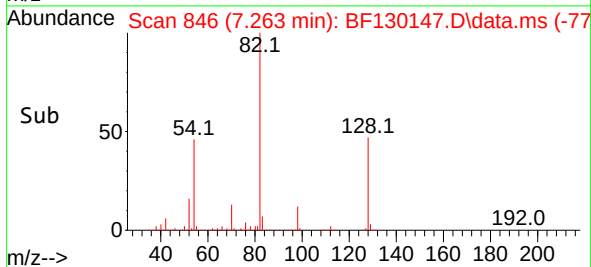
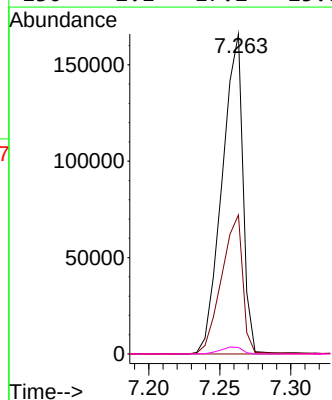
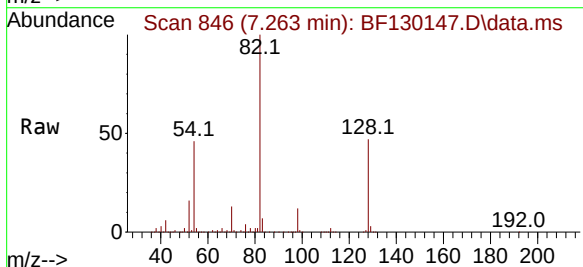
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

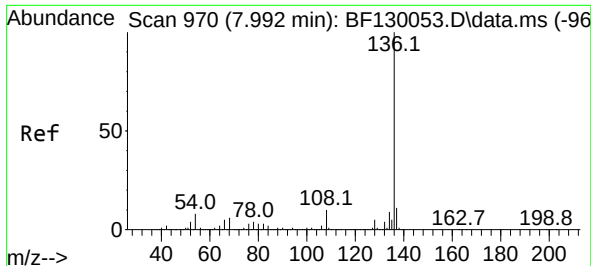
Tgt Ion: 99 Resp: 2240978
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.4
71 32.6 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.909 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130147.D
Acq: 06 Sep 2022 20:20

Tgt Ion: 70 Resp: 169014
Ion Ratio Lower Upper
70 100
42 43.4 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#

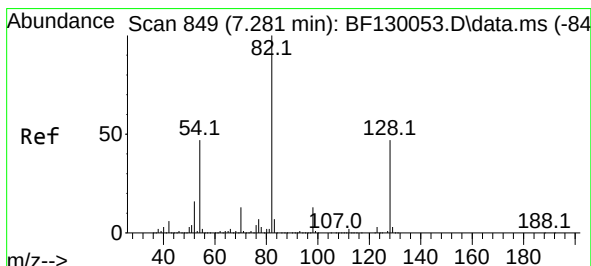
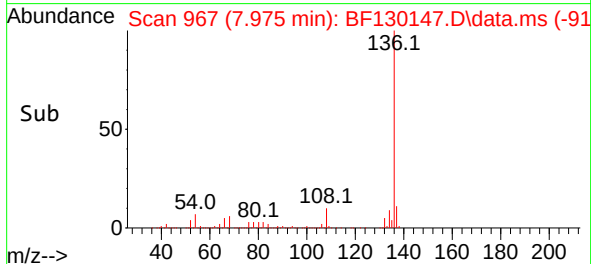
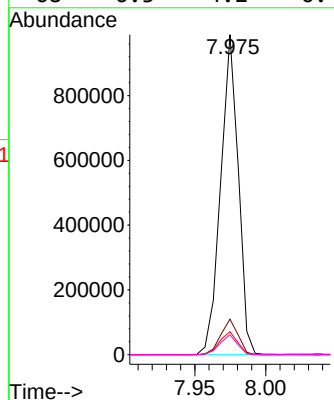
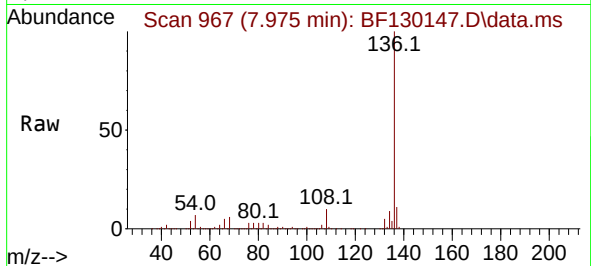




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130147.D
Acq: 06 Sep 2022 20:20

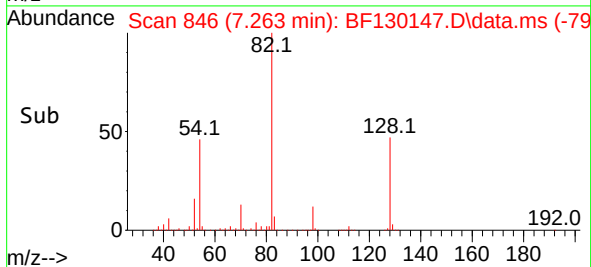
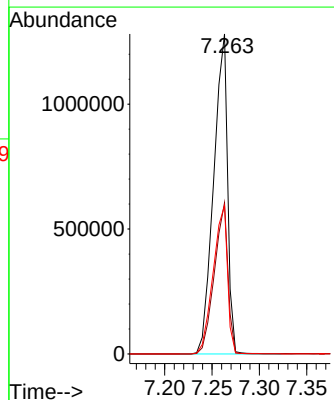
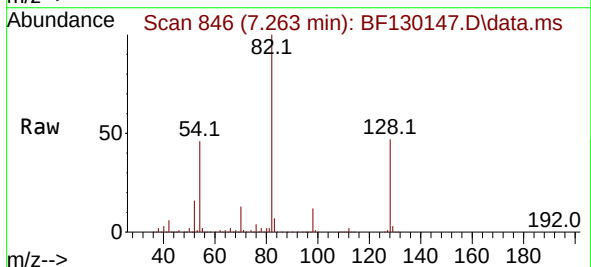
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

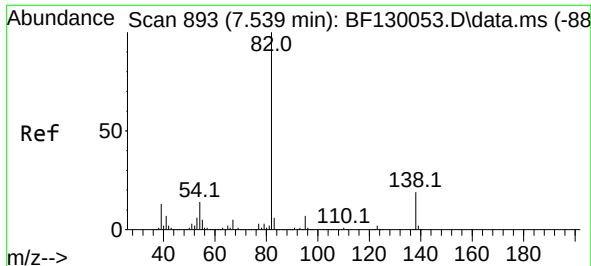
Tgt Ion:136 Resp: 851981
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.2 6.2 9.2
68 6.3 4.2 6.4



#23
Nitrobenzene-d5
Concen: 98.393 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130147.D
Acq: 06 Sep 2022 20:20

Tgt Ion: 82 Resp: 1304408
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 46.4 40.0 60.0

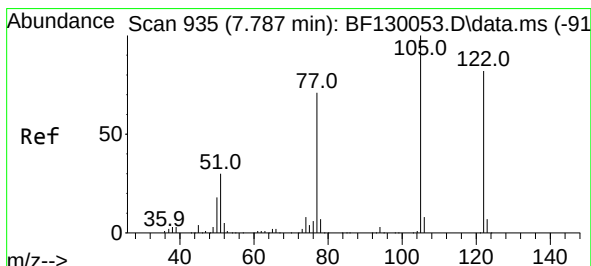
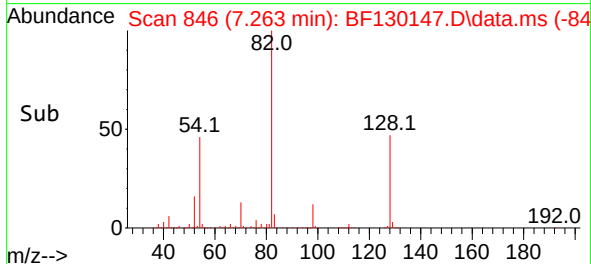
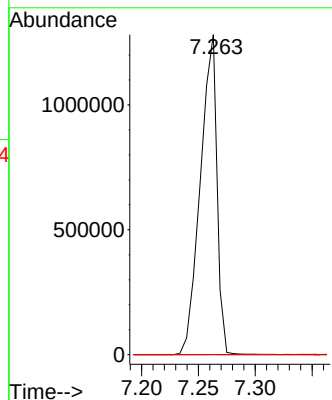
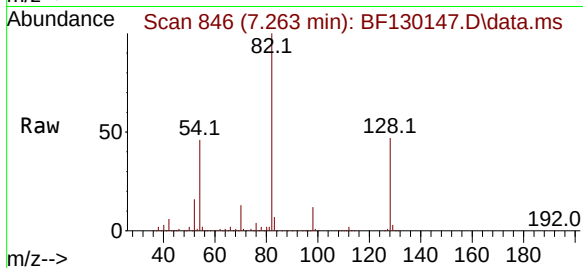




#25
Isophorone
Concen: 48.365 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130147.D
Acq: 06 Sep 2022 20:20

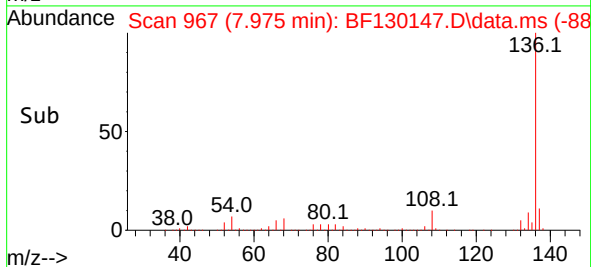
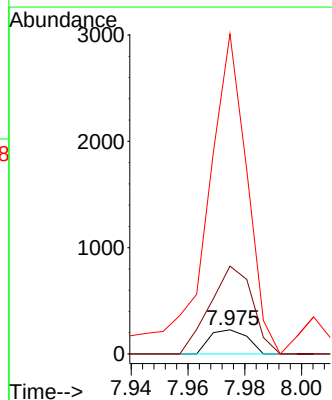
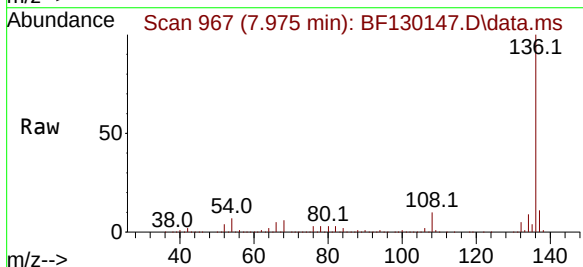
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

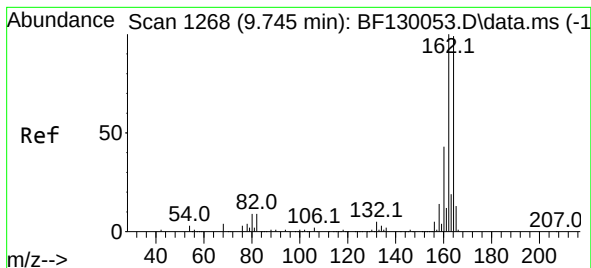
Tgt Ion: 82 Resp: 1297741
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.592 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.206 min
Lab File: BF130147.D
Acq: 06 Sep 2022 20:20

Tgt Ion:122 Resp: 210
Ion Ratio Lower Upper
122 100
105 362.3 99.9 139.9#
77 1320.2 65.9 105.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.728 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130147.D

Acq: 06 Sep 2022 20:20

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

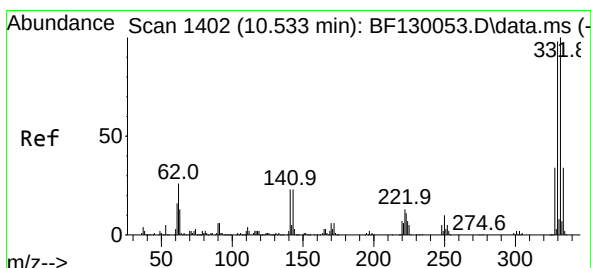
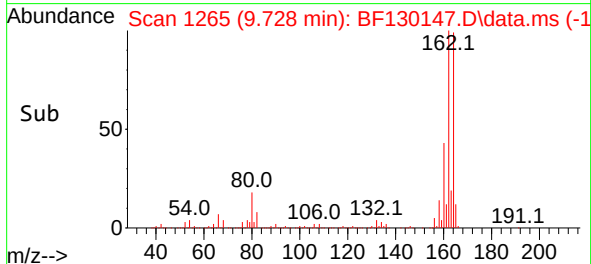
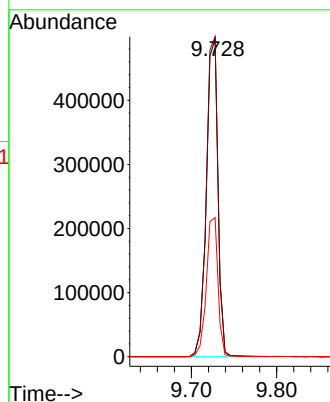
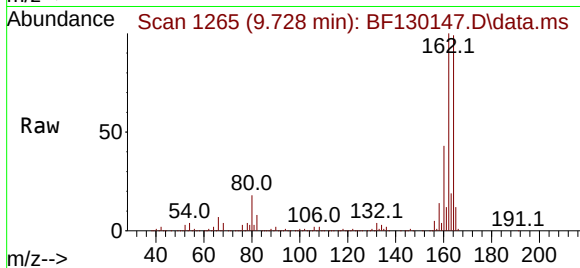
Tgt Ion:164 Resp: 466330

Ion Ratio Lower Upper

164 100

162 100.8 82.0 123.0

160 43.8 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 154.829 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF130147.D

Acq: 06 Sep 2022 20:20

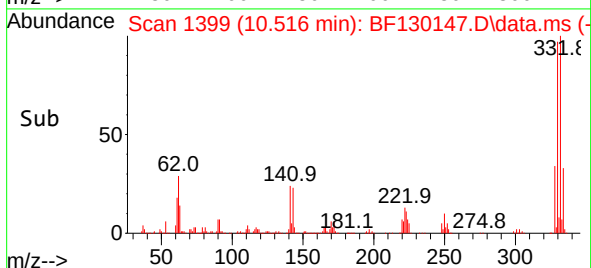
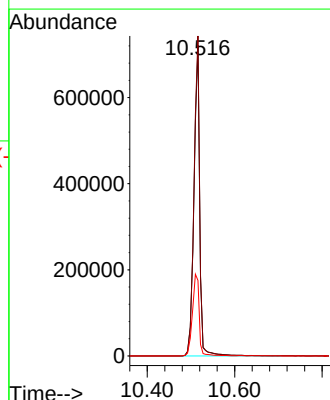
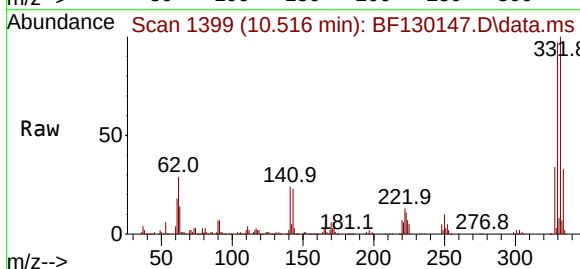
Tgt Ion:330 Resp: 657234

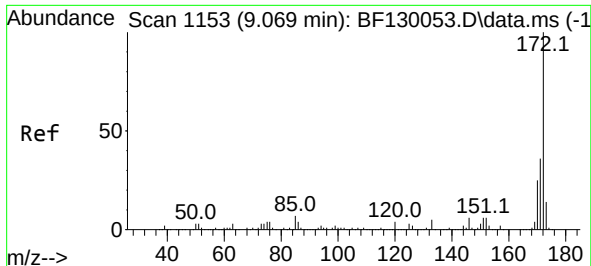
Ion Ratio Lower Upper

330 100

332 102.4 82.6 124.0

141 31.1 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 85.881 ng

RT: 9.057 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF130147.D

Acq: 06 Sep 2022 20:20

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

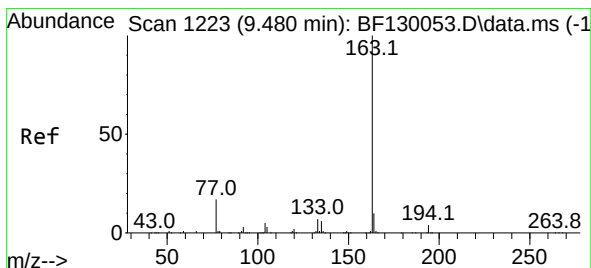
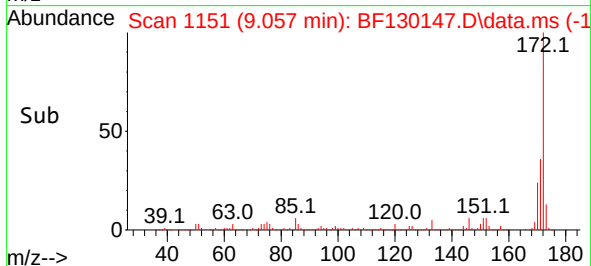
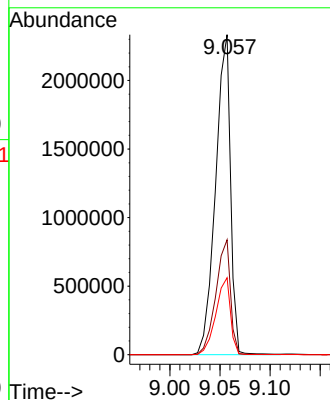
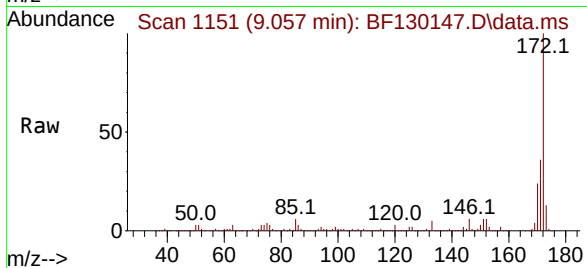
Tgt Ion:172 Resp: 2415569

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.0 19.1 28.7



#50

Dimethylphthalate

Concen: 2.795 ng

RT: 9.728 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130147.D

Acq: 06 Sep 2022 20:20

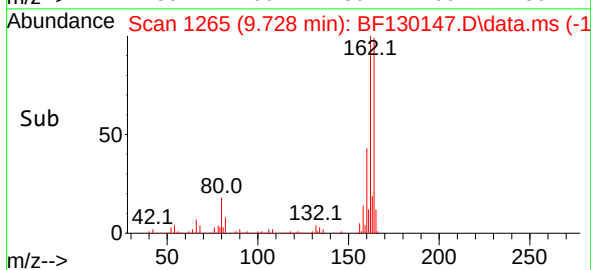
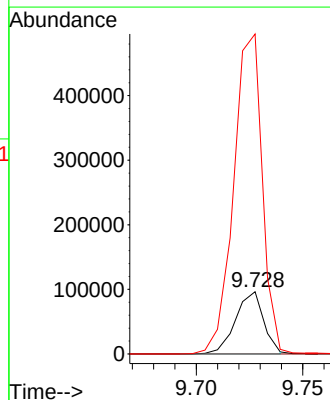
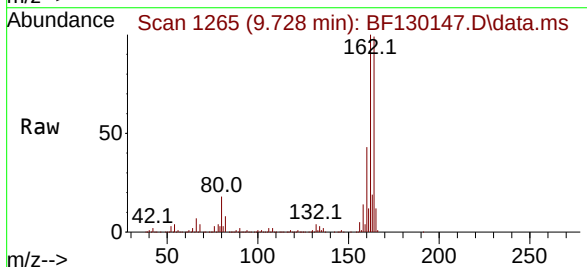
Tgt Ion:163 Resp: 88765

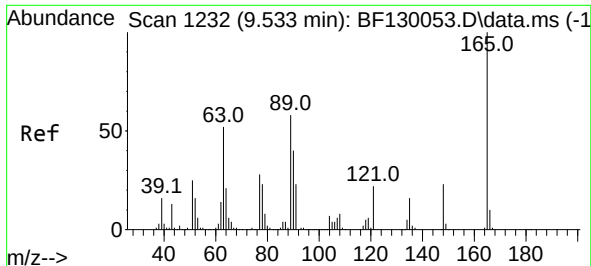
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 513.4 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.768 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.194 min

Lab File: BF130147.D

Acq: 06 Sep 2022 20:20

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SB-16-COMP

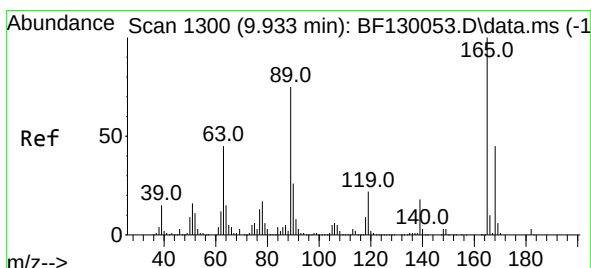
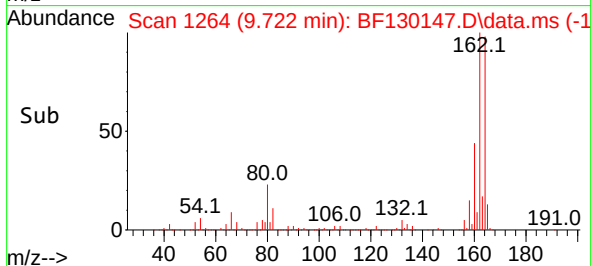
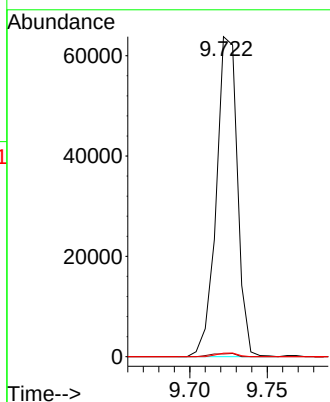
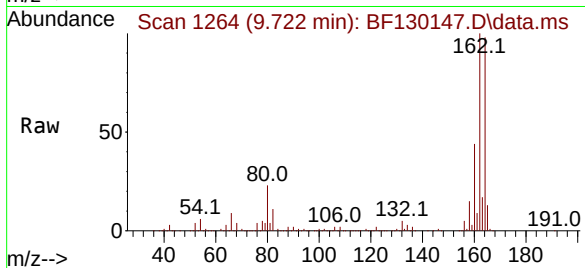
Tgt Ion:165 Resp: 60491

Ion Ratio Lower Upper

165 100

63 0.9 47.8 71.8#

89 1.1 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.484 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130147.D

Acq: 06 Sep 2022 20:20

Tgt Ion:165 Resp: 60491

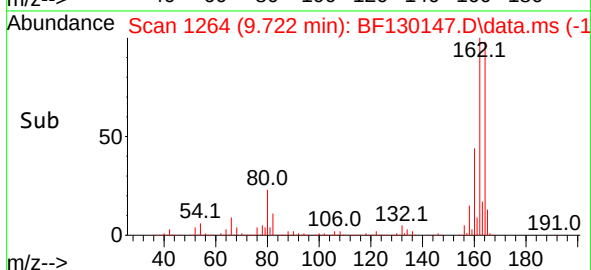
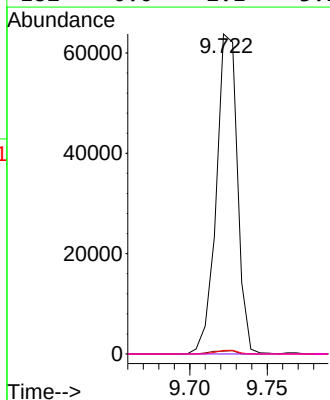
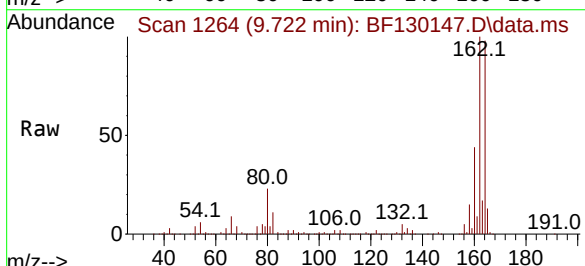
Ion Ratio Lower Upper

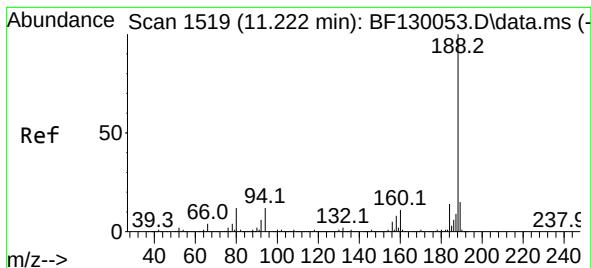
165 100

63 0.9 48.4 72.6#

89 1.1 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130147.D

Acq: 06 Sep 2022 20:20

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

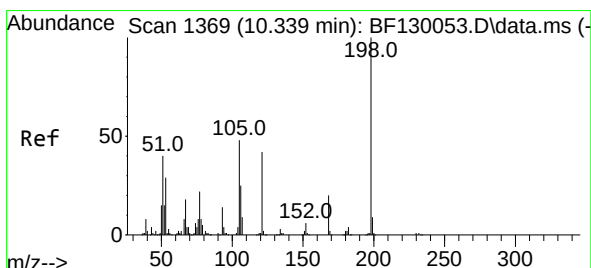
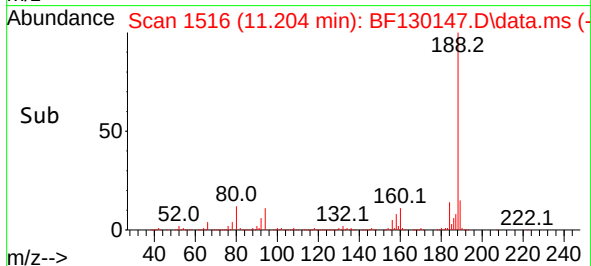
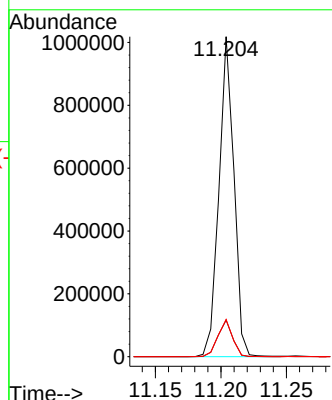
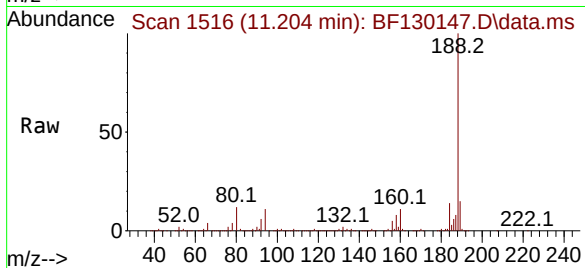
Tgt Ion:188 Resp: 808600

Ion Ratio Lower Upper

188 100

94 11.4 7.4 11.2#

80 11.6 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.445 ng

RT: 10.510 min Scan# 1398

Delta R.T. 0.182 min

Lab File: BF130147.D

Acq: 06 Sep 2022 20:20

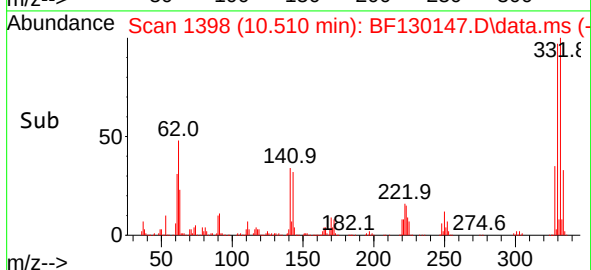
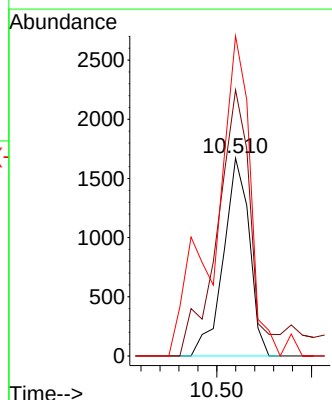
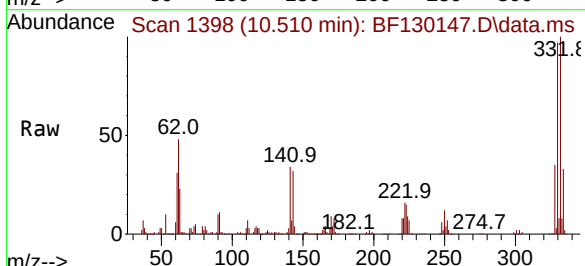
Tgt Ion:198 Resp: 1588

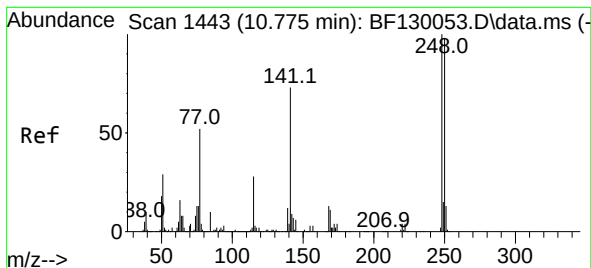
Ion Ratio Lower Upper

198 100

51 134.5 29.4 69.4#

105 161.8 29.2 69.2#

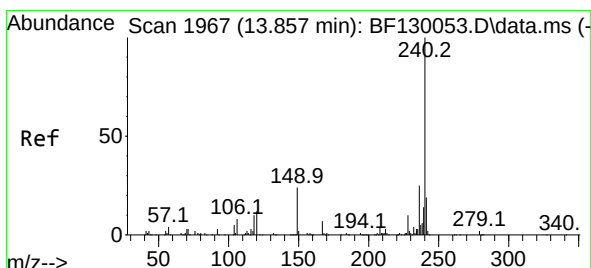
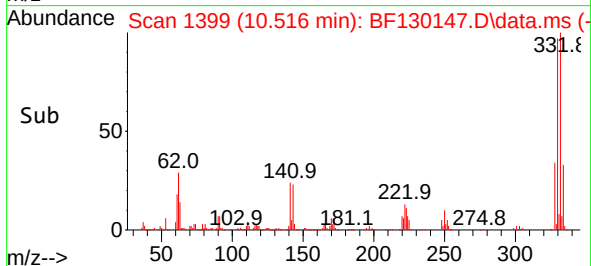
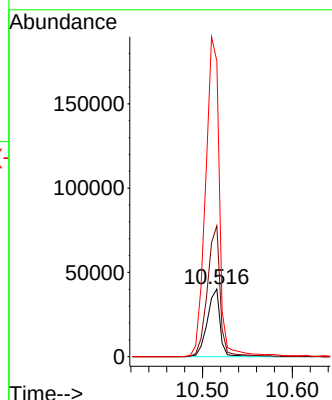
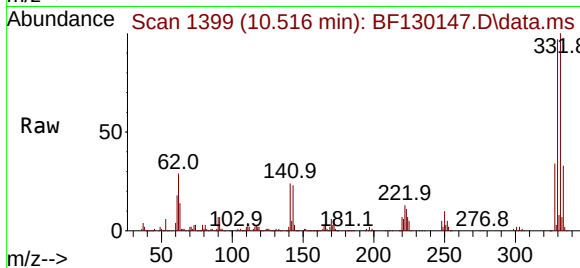




#67
4-Bromophenyl-phenylether
Concen: 4.423 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF130147.D
Acq: 06 Sep 2022 20:20

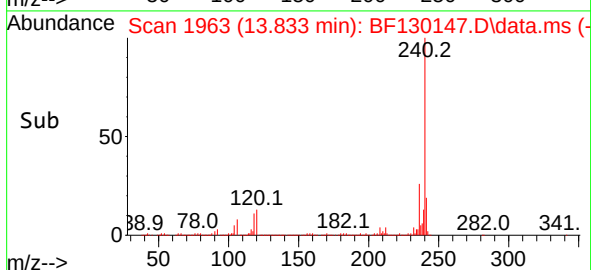
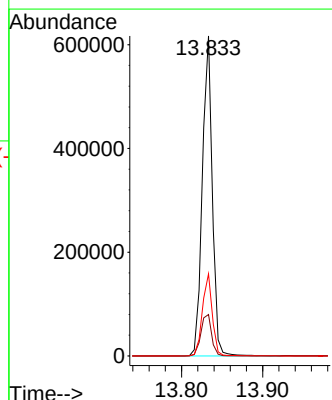
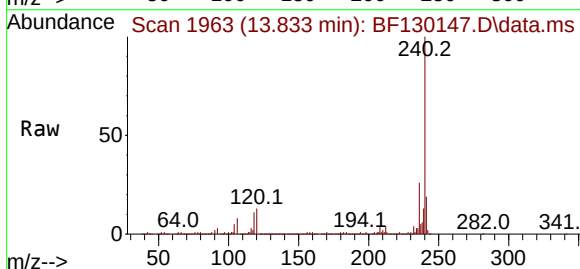
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

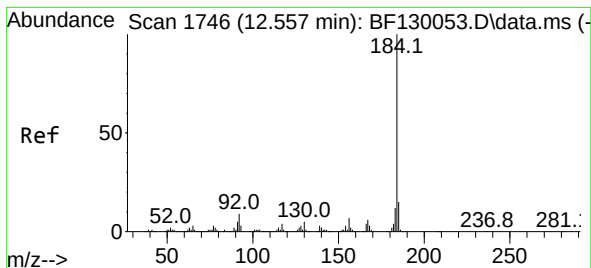
Tgt Ion:248 Resp: 39779
Ion Ratio Lower Upper
248 100
250 193.4 77.8 116.6#
141 437.0 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130147.D
Acq: 06 Sep 2022 20:20

Tgt Ion:240 Resp: 527193
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 25.6 20.7 31.1





#77

Benzidine

Concen: 2.604 ng

RT: 12.798 min Scan# 1787

Delta R.T. 0.253 min

Lab File: BF130147.D

Acq: 06 Sep 2022 20:20

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

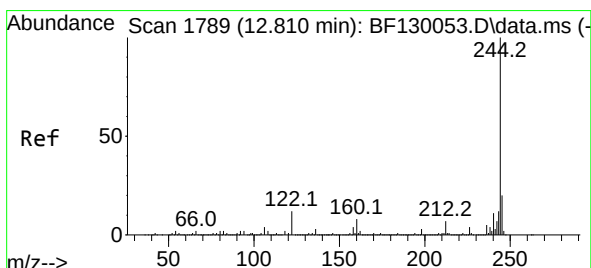
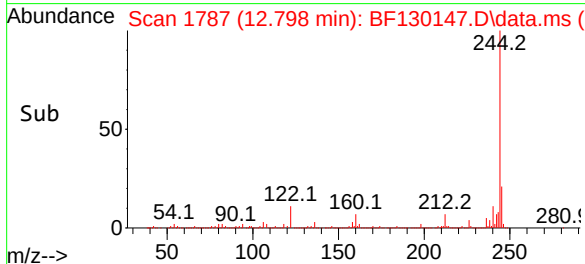
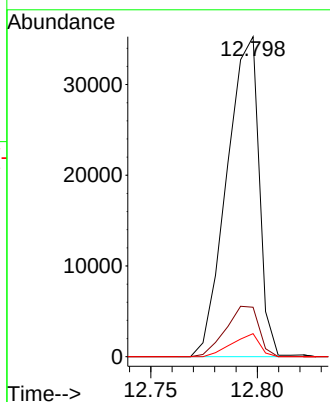
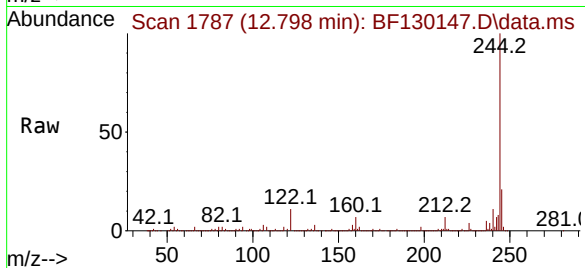
Tgt Ion:184 Resp: 37071

Ion Ratio Lower Upper

184 100

185 15.5 11.4 17.2

183 7.2 9.4 14.2#



#79

Terphenyl-d14

Concen: 88.546 ng

RT: 12.798 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BF130147.D

Acq: 06 Sep 2022 20:20

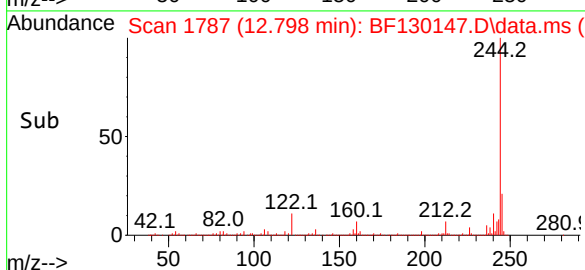
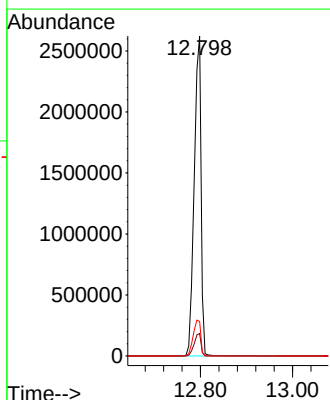
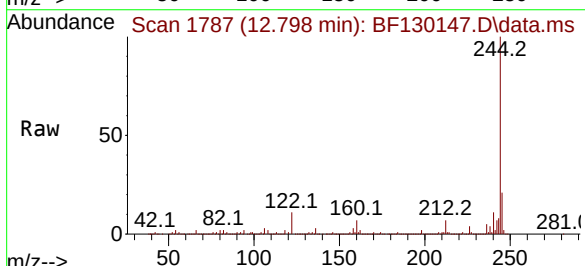
Tgt Ion:244 Resp: 2691912

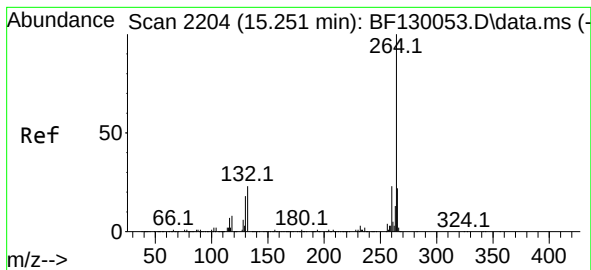
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.8 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.227 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF130147.D
 Acq: 06 Sep 2022 20:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Tgt Ion:264 Resp: 393351
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.5 16.7 25.1

