

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130133.D
 Acq On : 06 Sep 2022 12:43
 Operator : CG\JU
 Sample : PB147410BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147410BL

Quant Time: Sep 07 02:08:29 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)

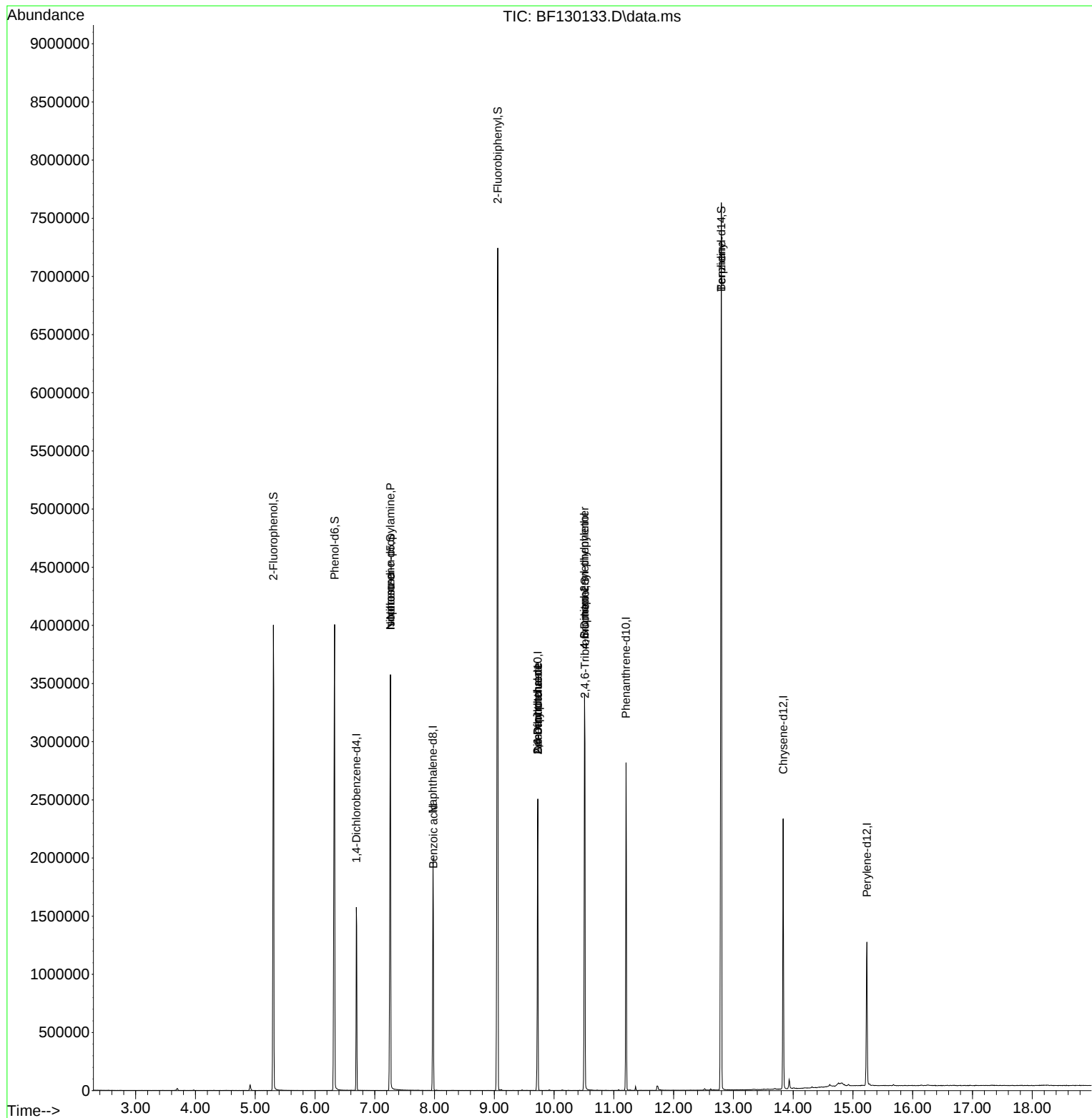
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	236331	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	954154	20.000	ng	# 0.00
39) Acenaphthene-d10	9.728	164	527164	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	948022	20.000	ng	# 0.00
76) Chrysene-d12	13.833	240	703288	20.000	ng	#-0.01
86) Perylene-d12	15.233	264	501382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1285514	92.343	ng	0.00
7) Phenol-d6	6.328	99	1579113	90.986	ng	0.00
23) Nitrobenzene-d5	7.263	82	1267258	85.355	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	422053	87.952	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2515959	79.128	ng	0.00
79) Terphenyl-d14	12.798	244	3058850	75.423	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	160990	15.397	ng	# 75
25) Isophorone	7.263	82	1261975	41.996	ng	# 65
32) Benzoic acid	7.981	122	137	6.584	ng	# 1
50) Dimethylphthalate	9.728	163	99305	2.766	ng	# 1
51) 2,6-Dinitrotoluene	9.728	165	66727	9.532	ng	# 22
57) 2,4-Dinitrotoluene	9.728	165	66727	8.279	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.510	198	1073	6.290	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	25752	2.442	ng	# 1
77) Benzidine	12.798	184	41982	2.211	ng	# 91

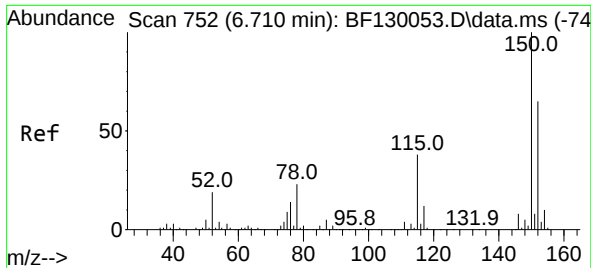
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF130133.D
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Quant Time: Sep 07 02:08:29 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

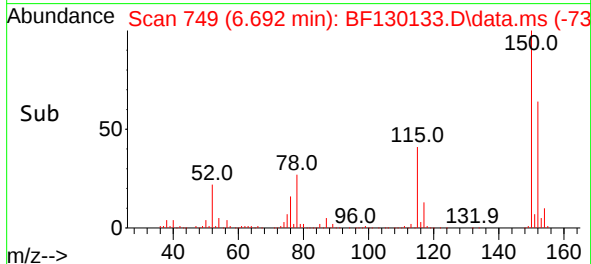
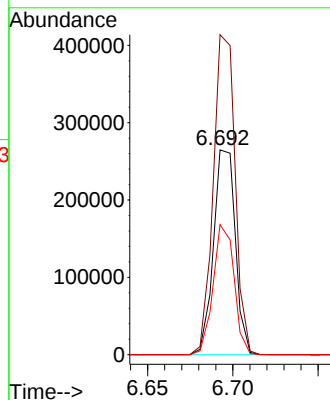
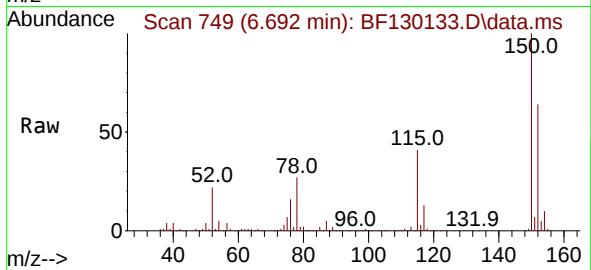




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130133.D
 Acq: 06 Sep 2022 12:43

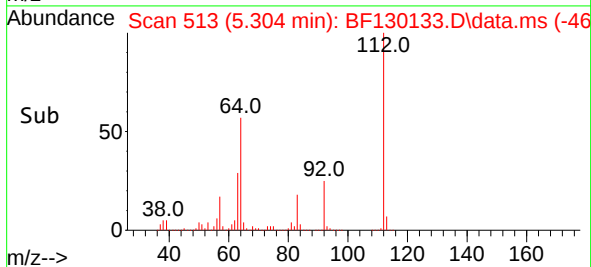
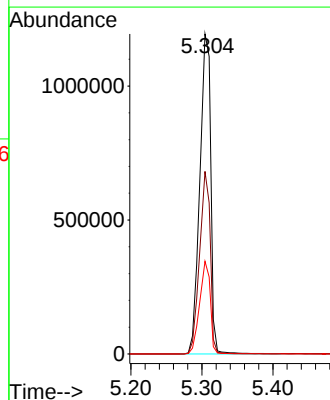
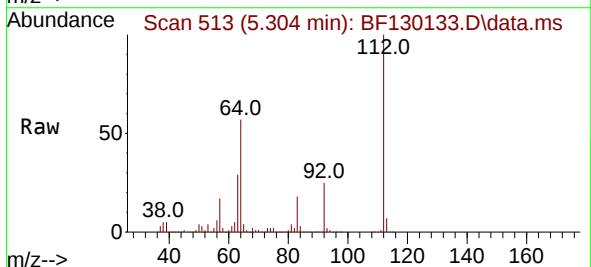
Instrument :
 BNA_F
 ClientSampleId :
 PB147410BL

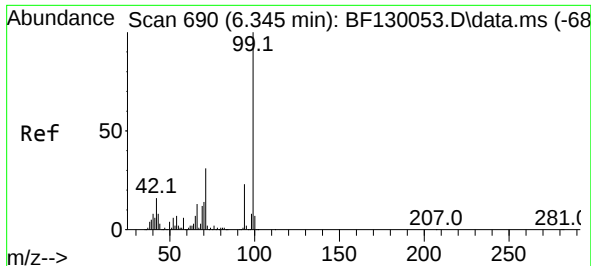
Tgt Ion:152 Resp: 236331
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.9 190.3
 115 63.5 53.4 80.0



#5
 2-Fluorophenol
 Concen: 92.343 ng
 RT: 5.304 min Scan# 513
 Delta R.T. 0.006 min
 Lab File: BF130133.D
 Acq: 06 Sep 2022 12:43

Tgt Ion:112 Resp: 1285514
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.6 71.4
 63 28.9 24.6 37.0

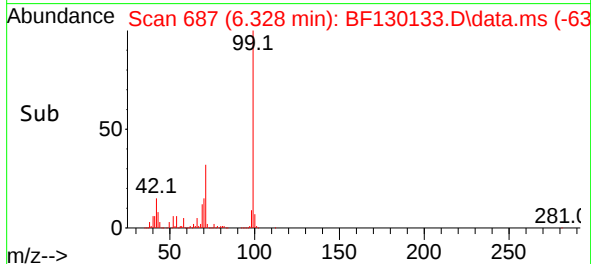
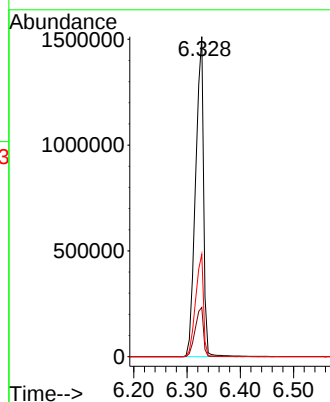
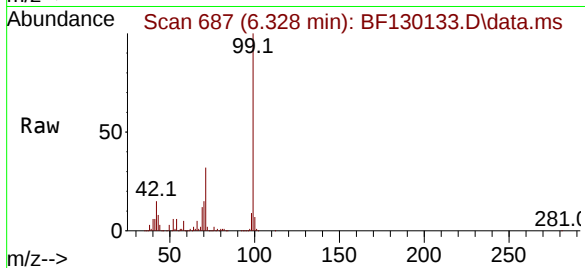




#7
Phenol-d6
Concen: 90.986 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

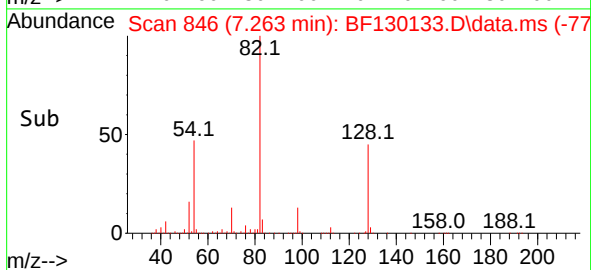
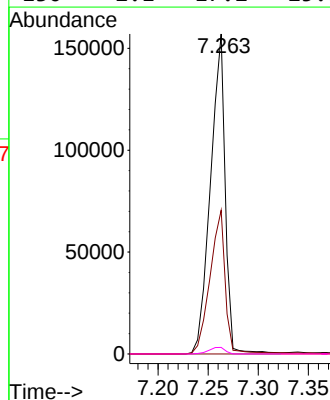
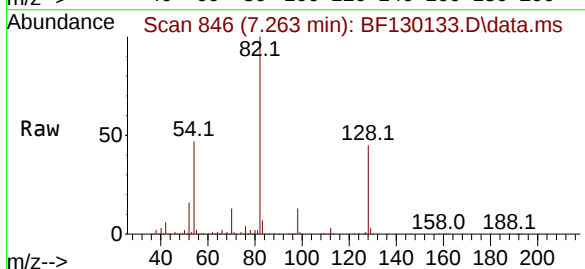
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ClientSampleId :
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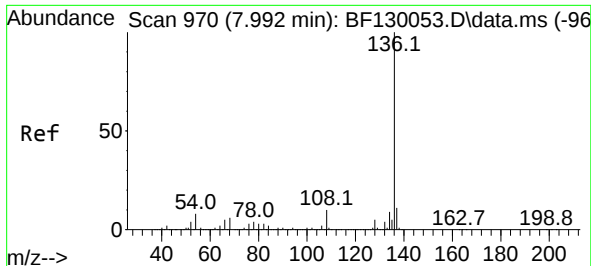
Tgt Ion: 99 Resp: 1579113
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.4
71 32.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.397 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

Tgt Ion: 70 Resp: 160990
Ion Ratio Lower Upper
70 100
42 44.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#

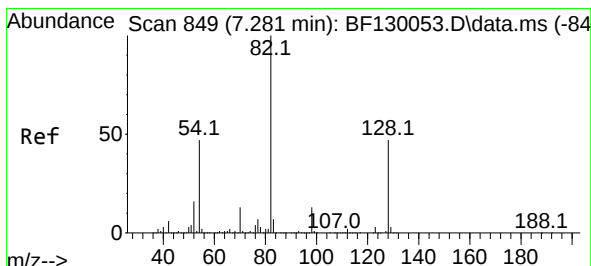
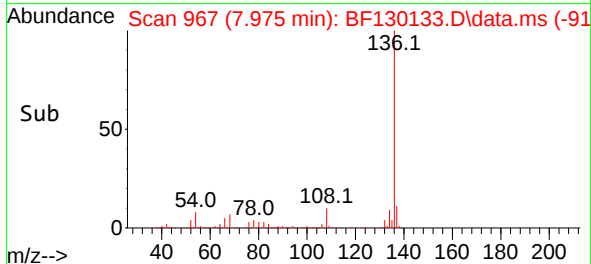
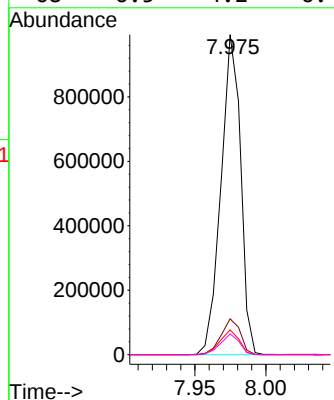
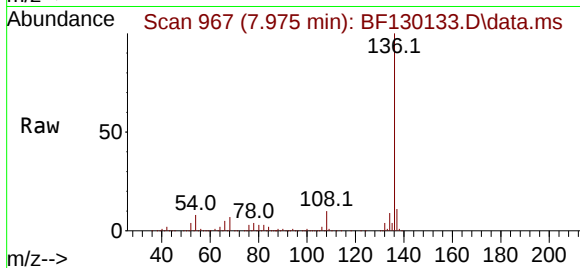




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

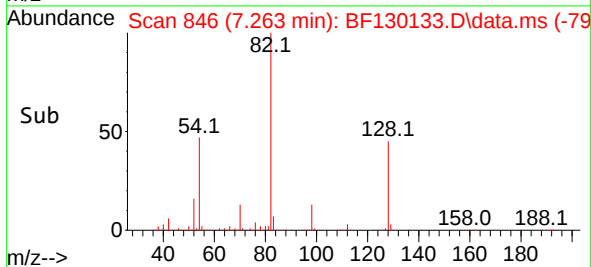
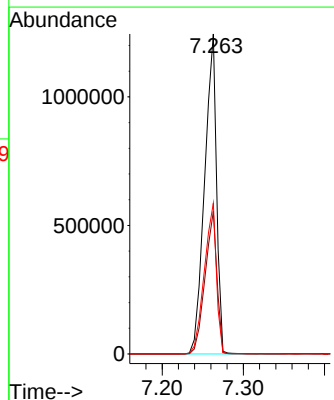
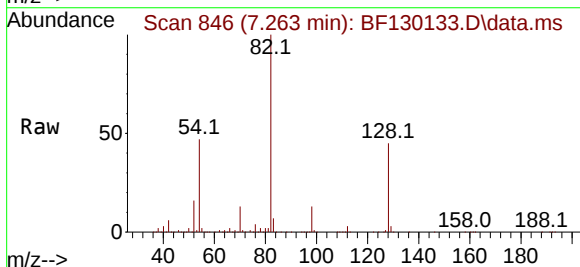
Instrument :
BNA_F
ClientSampleId :
PB147410BL

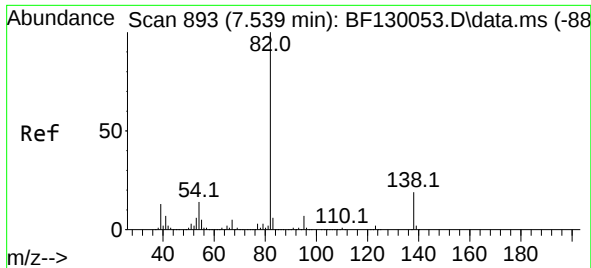
Tgt Ion:136 Resp: 954154
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.7 6.2 9.2
68 6.5 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 85.355 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

Tgt Ion: 82 Resp: 1267258
Ion Ratio Lower Upper
82 100
128 44.5 36.1 54.1
54 47.1 40.0 60.0

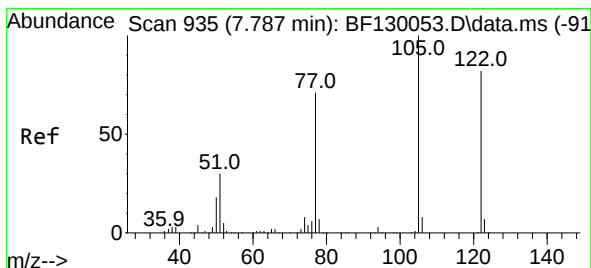
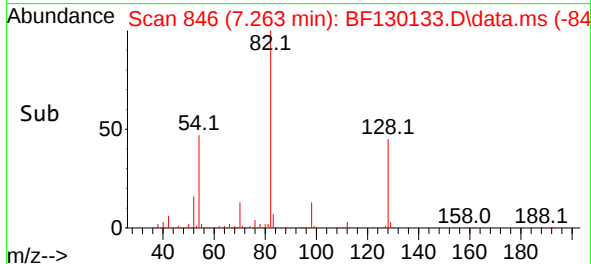
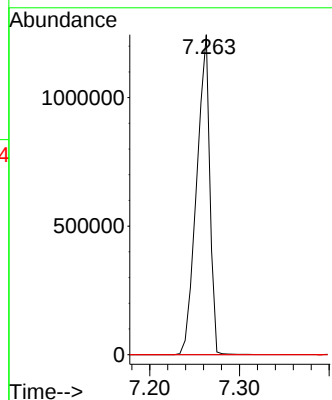
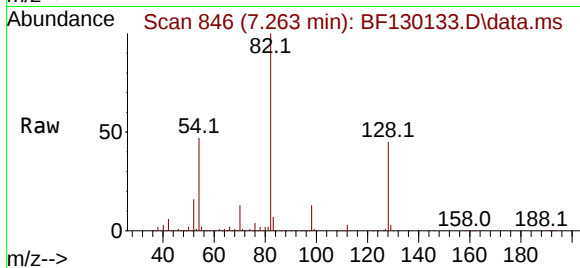




#25
Isophorone
Concen: 41.996 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

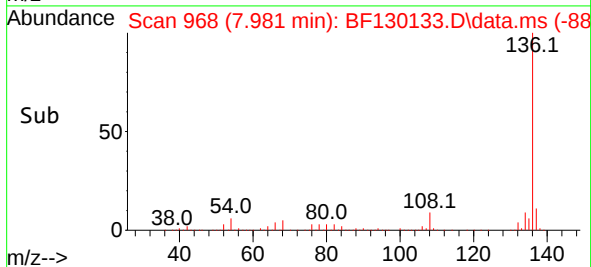
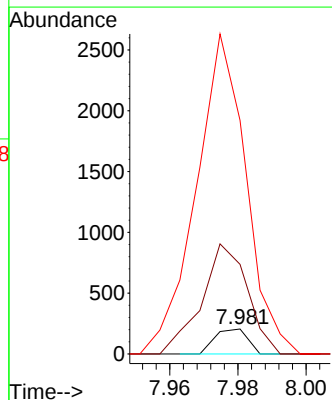
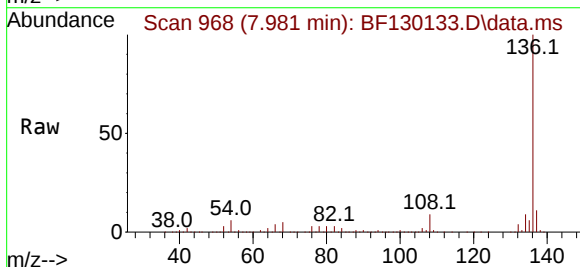
Instrument :
BNA_F
ClientSampleId :
PB147410BL

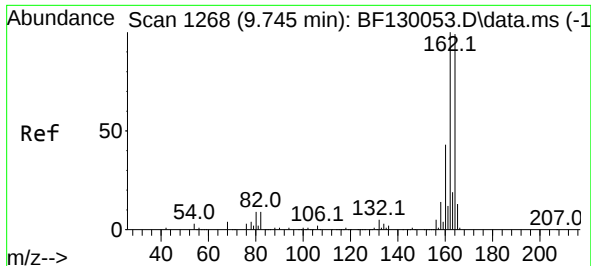
Tgt Ion: 82 Resp: 1261975
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.584 ng
RT: 7.981 min Scan# 968
Delta R.T. 0.212 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

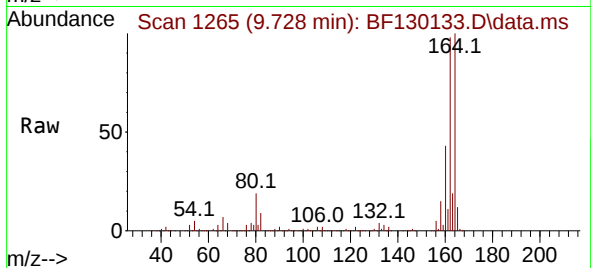
Tgt Ion: 122 Resp: 137
Ion Ratio Lower Upper
122 100
105 359.5 99.9 139.9#
77 937.1 65.9 105.9#



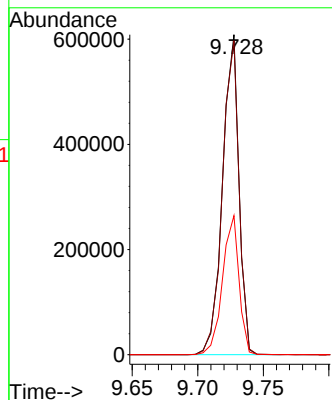
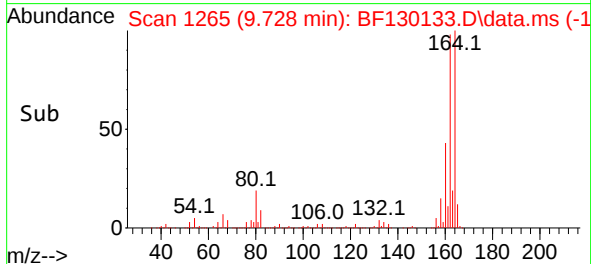


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

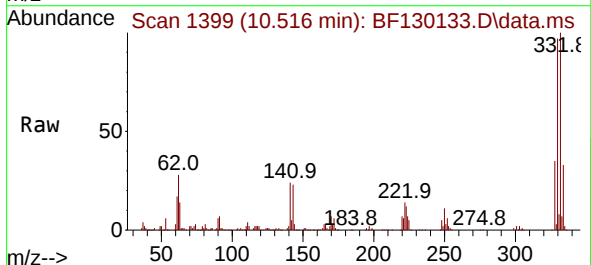
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BNA_F
ClientSampleId :
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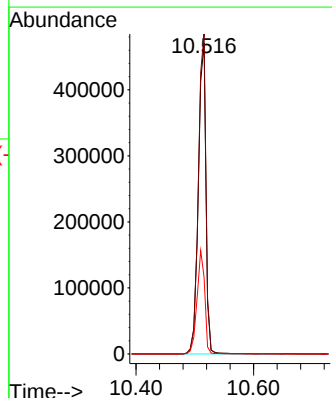
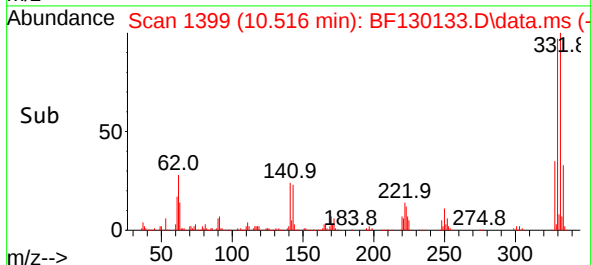
Tgt Ion:164 Resp: 527164
Ion Ratio Lower Upper
164 100
162 98.1 82.0 123.0
160 43.5 35.4 53.0

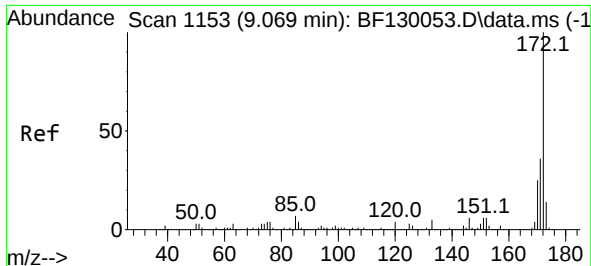


#42
2,4,6-Tribromophenol
Concen: 87.952 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43



Tgt Ion:330 Resp: 422053
Ion Ratio Lower Upper
330 100
332 103.0 82.6 124.0
141 33.9 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 79.128 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130133.D

Acq: 06 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

PB147410BL

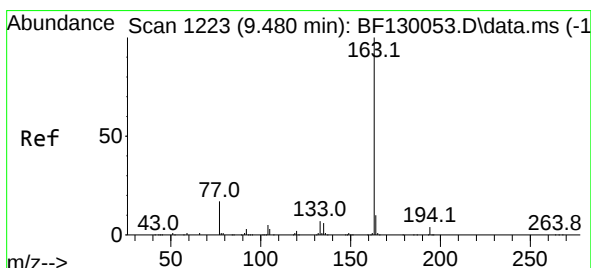
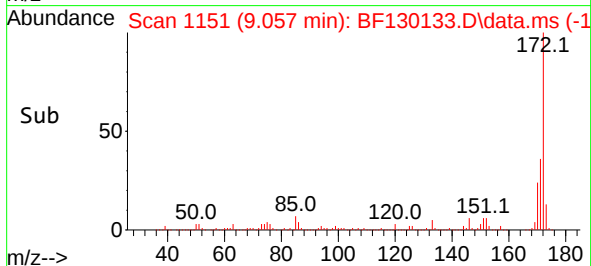
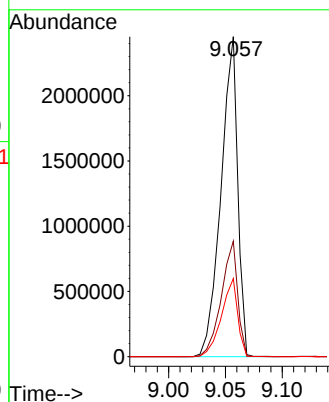
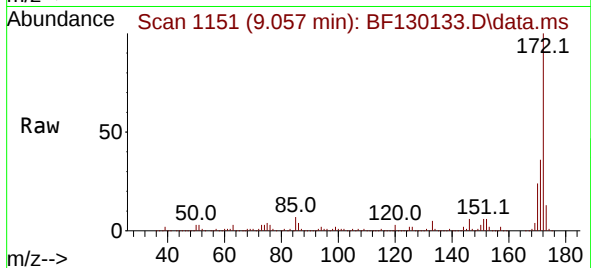
Tgt Ion:172 Resp: 2515959

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.4 19.1 28.7



#50

Dimethylphthalate

Concen: 2.766 ng

RT: 9.728 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130133.D

Acq: 06 Sep 2022 12:43

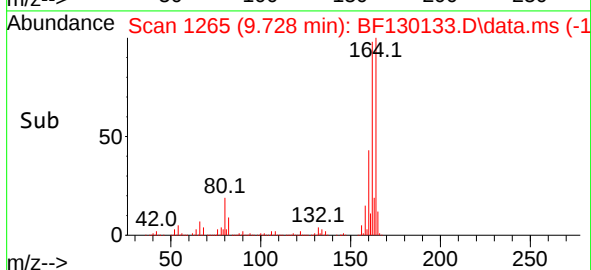
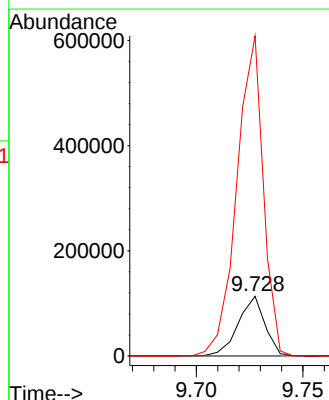
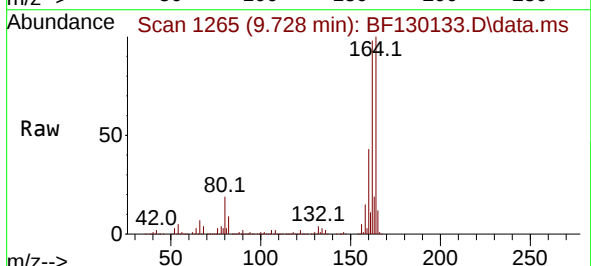
Tgt Ion:163 Resp: 99305

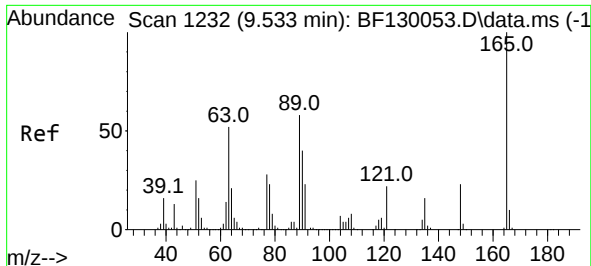
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 536.1 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.532 ng

RT: 9.728 min Scan# 1265

Delta R.T. 0.200 min

Lab File: BF130133.D

Acq: 06 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

PB147410BL

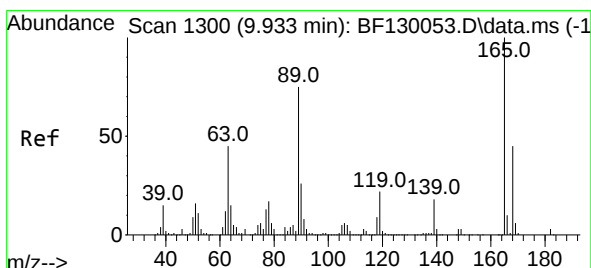
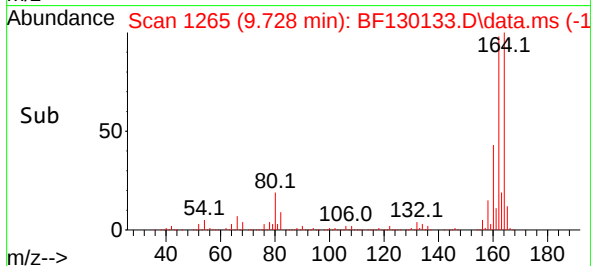
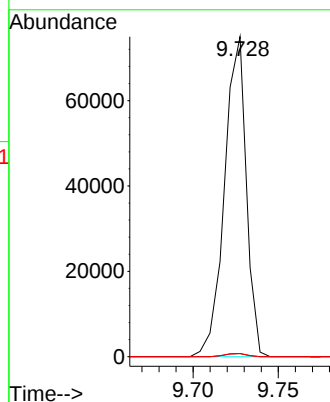
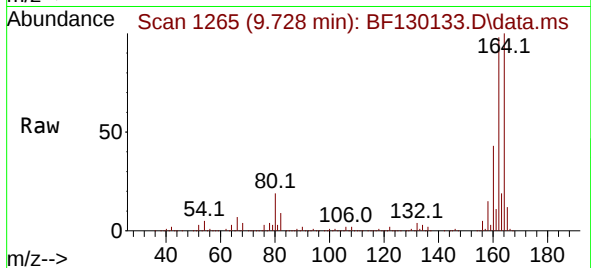
Tgt Ion:165 Resp: 66727

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 1.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.279 ng

RT: 9.728 min Scan# 1265

Delta R.T. -0.194 min

Lab File: BF130133.D

Acq: 06 Sep 2022 12:43

Tgt Ion:165 Resp: 66727

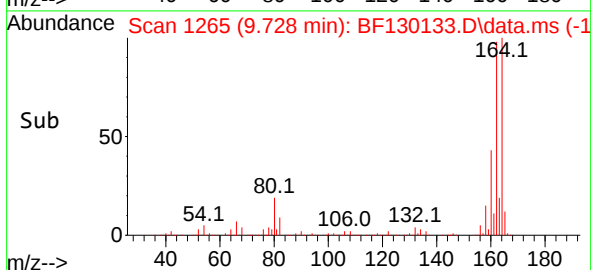
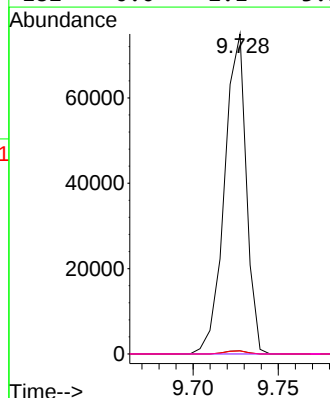
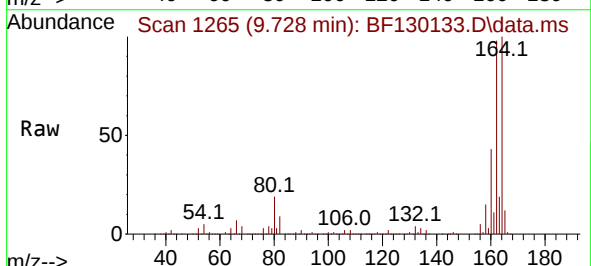
Ion Ratio Lower Upper

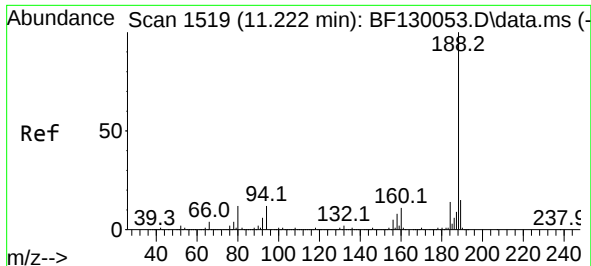
165 100

63 1.0 48.4 72.6#

89 1.0 62.3 93.5#

182 0.0 2.1 3.1#

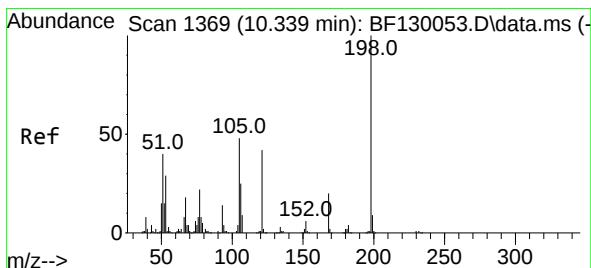
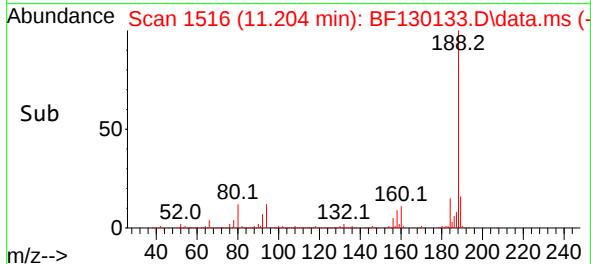
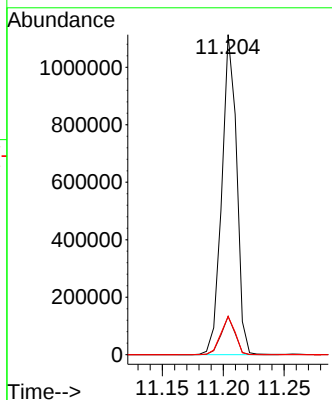
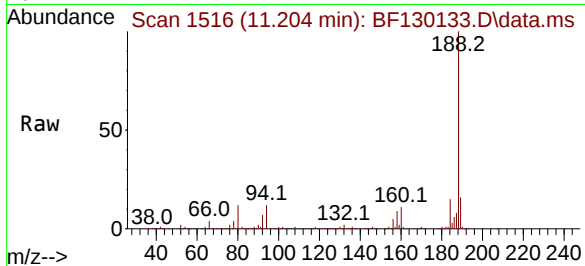




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

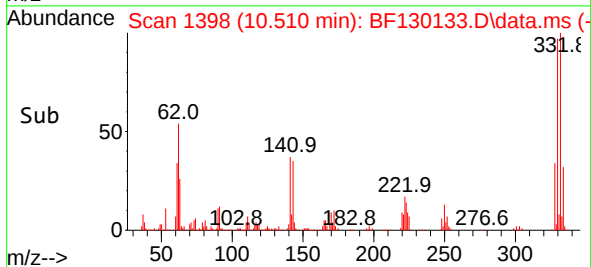
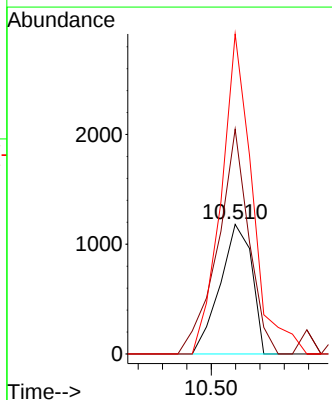
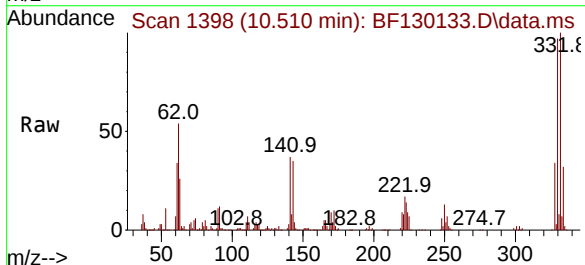
Instrument :
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ClientSampleId :
PB147410BL

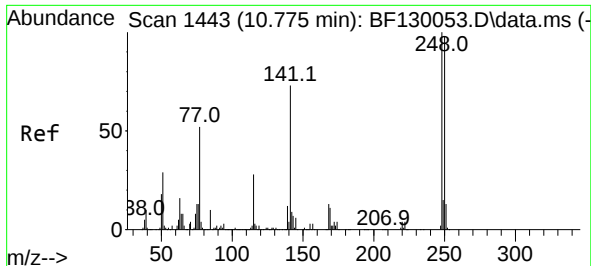
Tgt Ion:188 Resp: 948022
Ion Ratio Lower Upper
188 100
94 12.0 7.4 11.2#
80 12.0 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.290 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.182 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

Tgt Ion:198 Resp: 1073
Ion Ratio Lower Upper
198 100
51 173.4 29.4 69.4#
105 246.7 29.2 69.2#

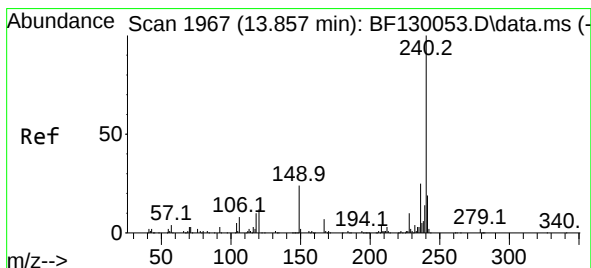
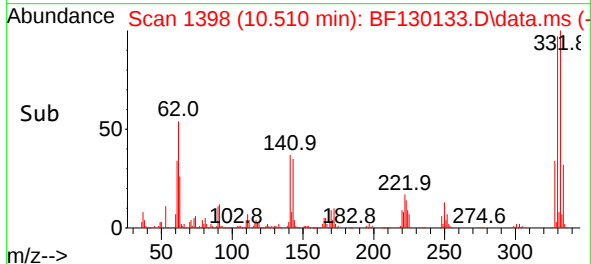
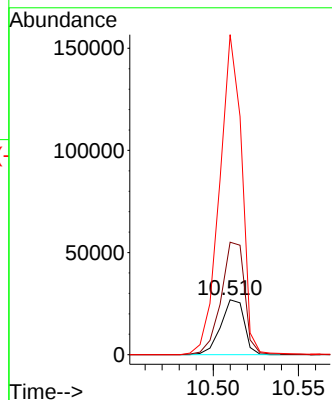
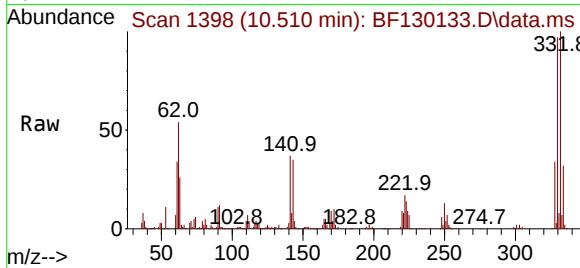




#67
4-Bromophenyl-phenylether
Concen: 2.442 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

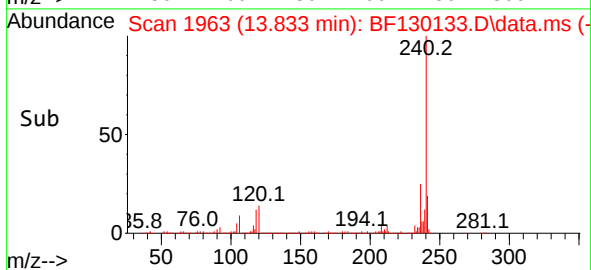
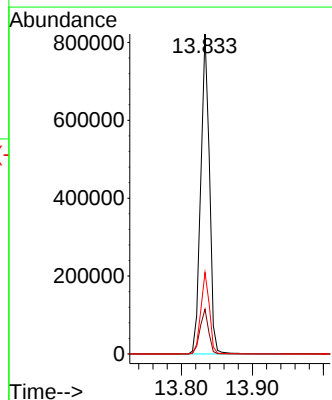
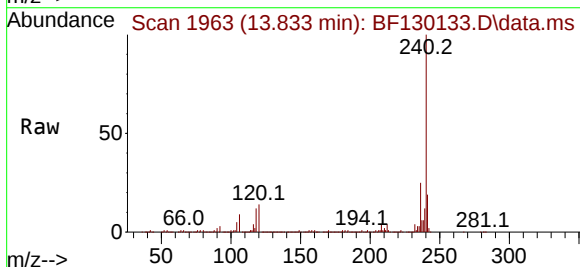
Instrument :
BNA_F
ClientSampleId :
PB147410BL

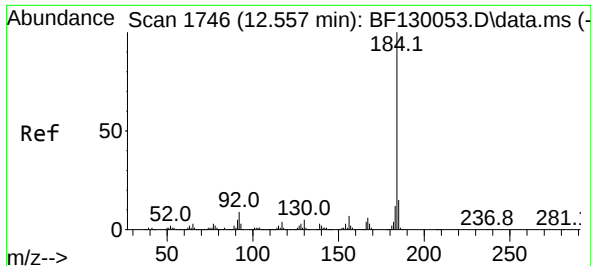
Tgt Ion:248 Resp: 25752
Ion Ratio Lower Upper
248 100
250 204.9 77.8 116.6#
141 583.4 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

Tgt Ion:240 Resp: 703288
Ion Ratio Lower Upper
240 100
120 14.0 9.2 13.8#
236 25.5 20.7 31.1

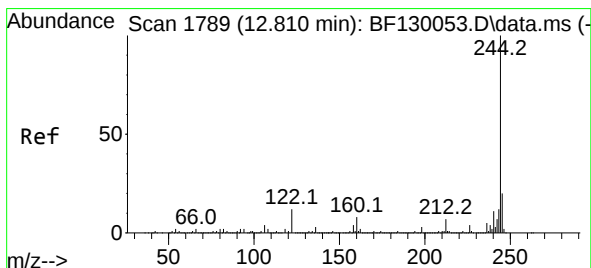
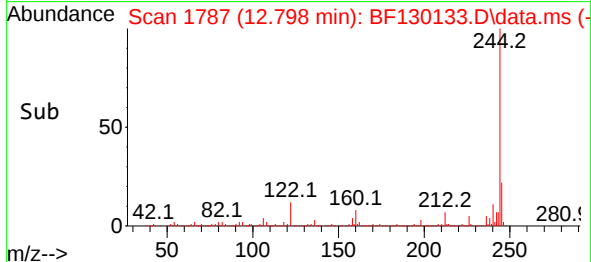
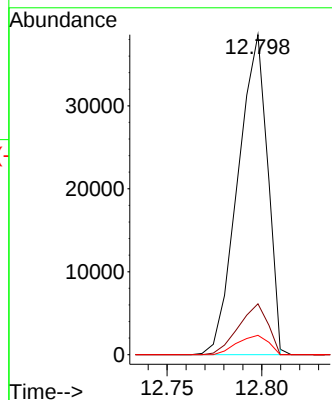
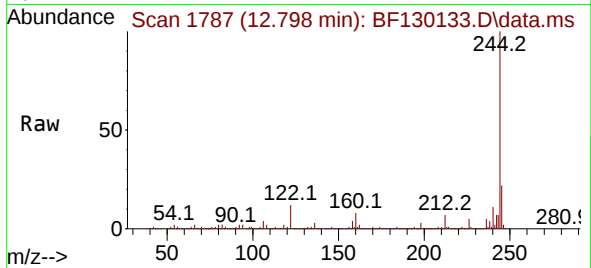




#77
Benzidine
Concen: 2.211 ng
RT: 12.798 min Scan# 1787
Delta R.T. 0.253 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

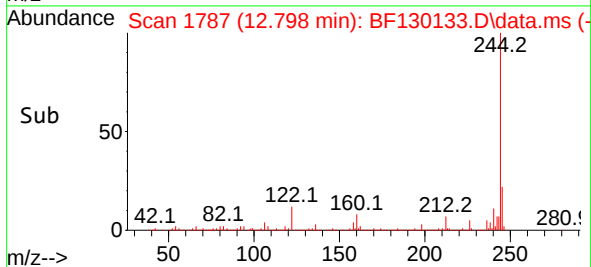
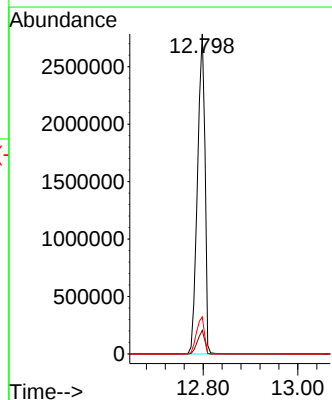
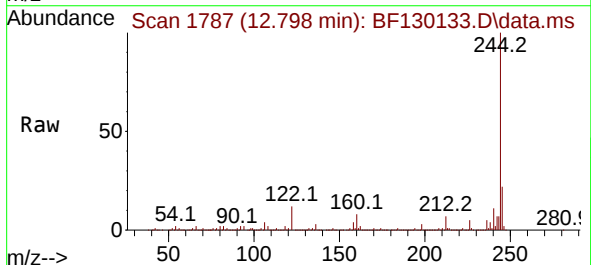
Instrument :
BNA_F
ClientSampleId :
PB147410BL

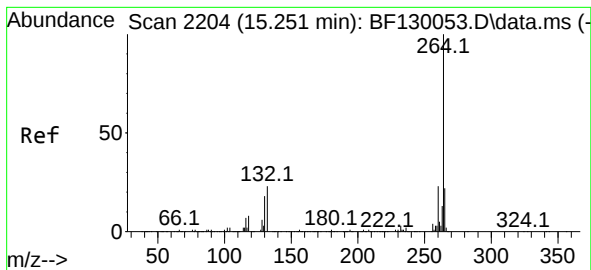
Tgt Ion:184 Resp: 41982
Ion Ratio Lower Upper
184 100
185 15.9 11.4 17.2
183 6.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 75.423 ng
RT: 12.798 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

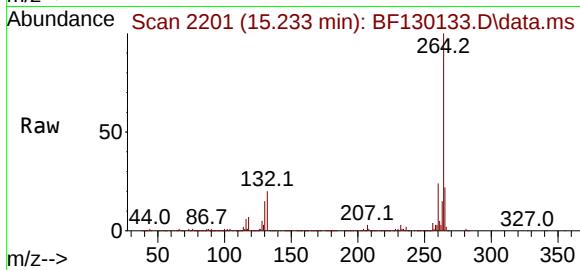
Tgt Ion:244 Resp: 3058850
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.6 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130133.D
 Acq: 06 Sep 2022 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PB147410BL



Tgt Ion:264 Resp: 501382
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.1 16.7 25.1

