

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130966.D
 Acq On : 03 Nov 2022 18:42
 Operator : CG\JU
 Sample : PB148686BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148686BL

Quant Time: Nov 04 06:21:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

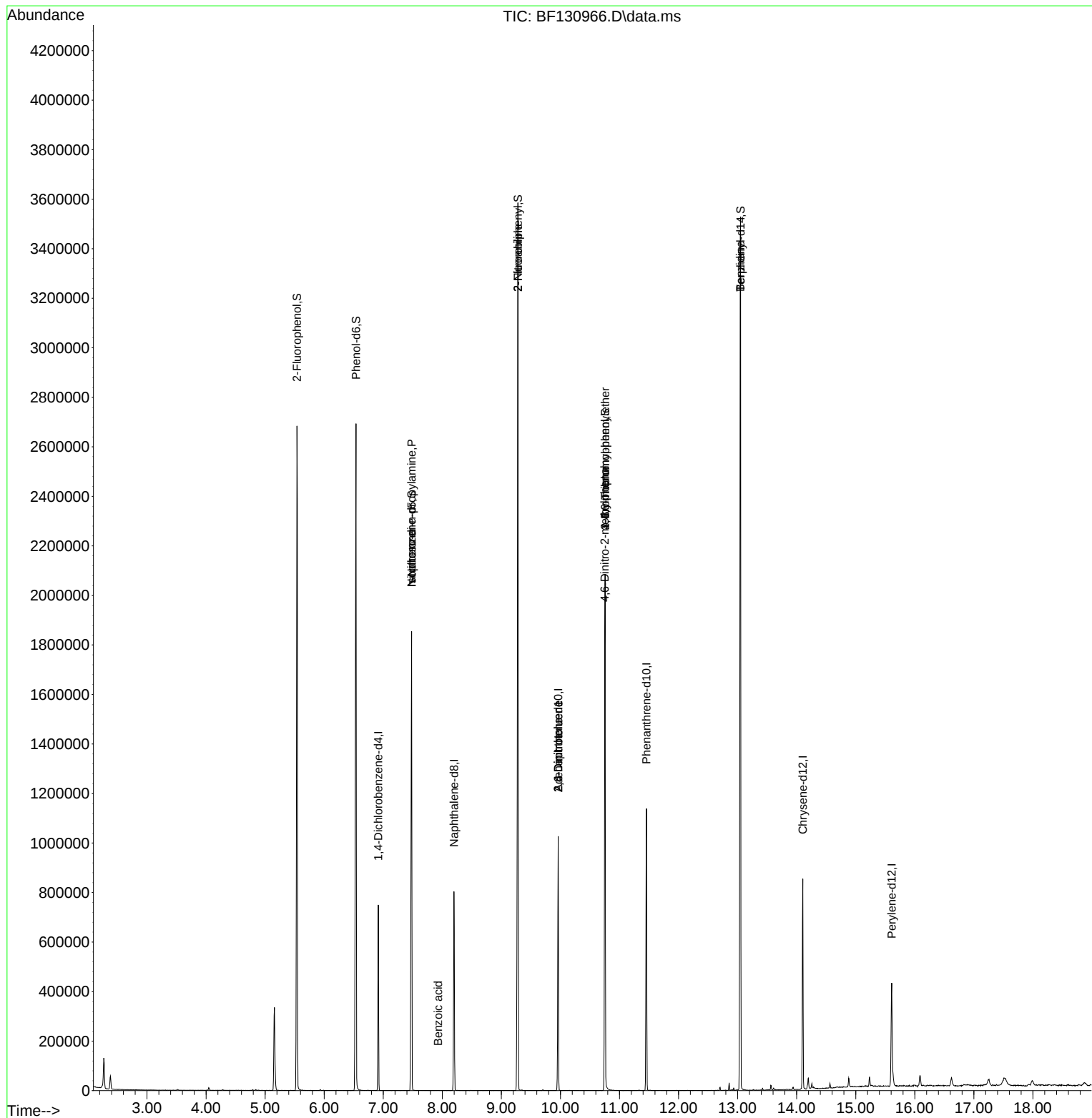
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	95354	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	371605	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	194795	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	412889	20.000	ng	0.00
76) Chrysene-d12	14.104	240	274252	20.000	ng	0.00
86) Perylene-d12	15.609	264	189492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	752342	136.782	ng	0.01
7) Phenol-d6	6.539	99	939586	131.454	ng	0.00
23) Nitrobenzene-d5	7.481	82	629750	102.187	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	245702	149.838	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1137569	88.291	ng	0.00
79) Terphenyl-d14	13.051	244	1374548	91.842	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	84448	17.365	ng	# 78
25) Isophorone	7.481	82	629739	49.553	ng	# 66
32) Benzoic acid	7.928	122	114	7.705	ng	# 44
48) 2-Nitroaniline	9.280	65	2167	4.700	ng	# 1
51) 2,6-Dinitrotoluene	9.963	165	24960	12.032	ng	# 14
57) 2,4-Dinitrotoluene	9.963	165	24960	10.914	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.751	198	663	8.249	ng	# 1
67) 4-Bromophenyl-phenylether	10.757	248	15586	3.754	ng	# 1
77) Benzidine	13.045	184	19871	2.985	ng	# 91

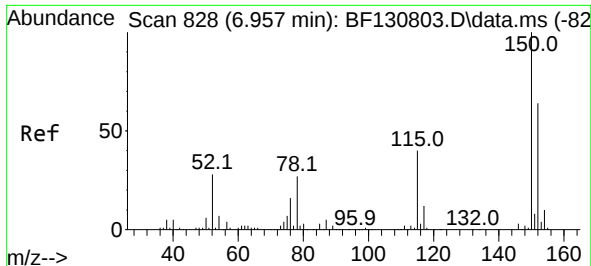
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130966.D
Acq On : 03 Nov 2022 18:42
Operator : CG\JU
Sample : PB148686BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB148686BL

Quant Time: Nov 04 06:21:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 06:20:24 2022
Response via : Initial Calibration

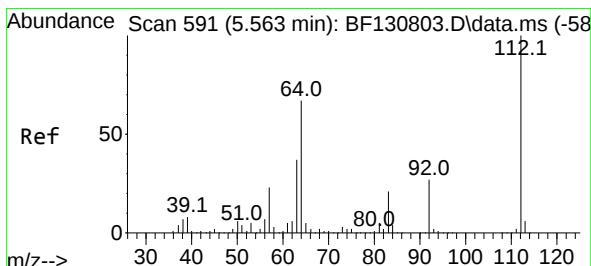
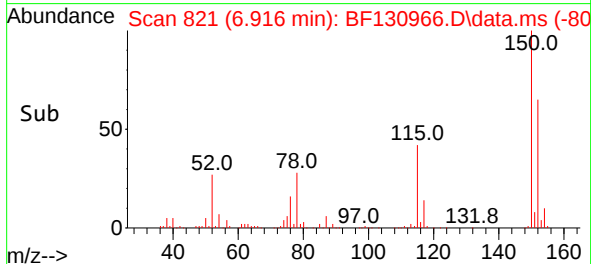
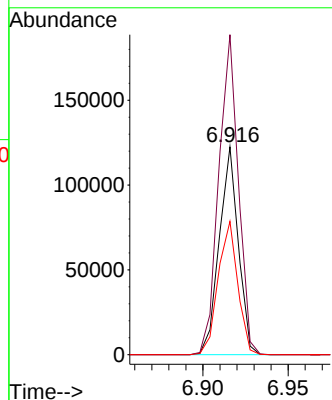
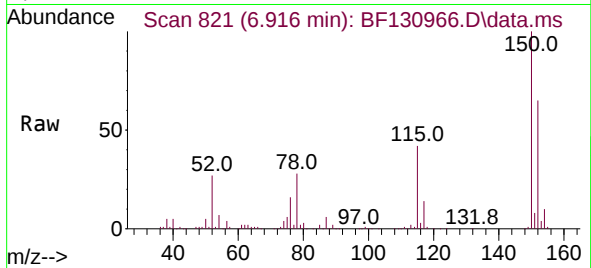




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

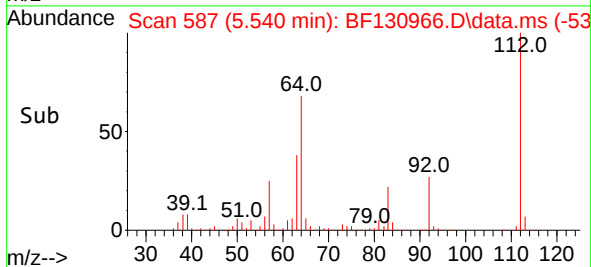
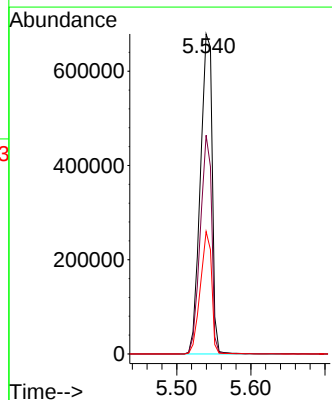
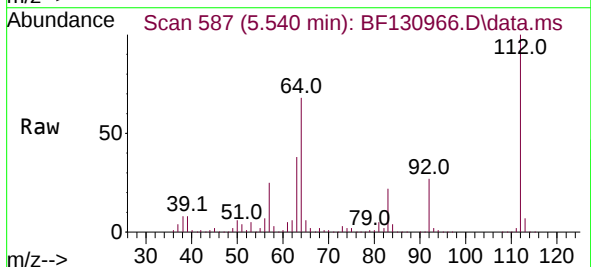
Instrument :
BNA_F
ClientSampleId :
PB148686BL

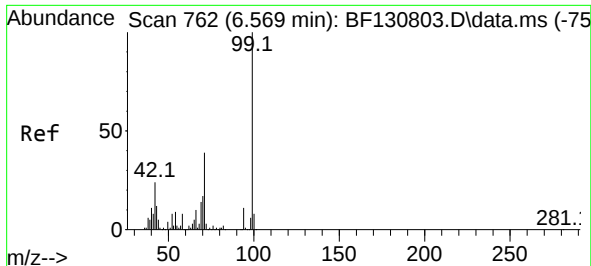
Tgt Ion:152 Resp: 95354
Ion Ratio Lower Upper
152 100
150 153.9 124.1 186.1
115 64.1 50.1 75.1



#5
2-Fluorophenol
Concen: 136.782 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

Tgt Ion:112 Resp: 752342
Ion Ratio Lower Upper
112 100
64 68.4 53.9 80.9
63 38.2 29.4 44.2

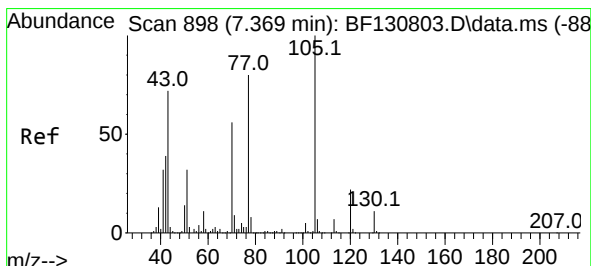
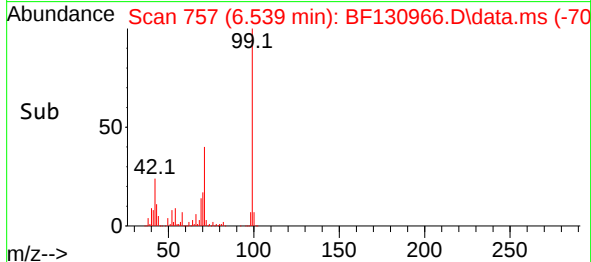
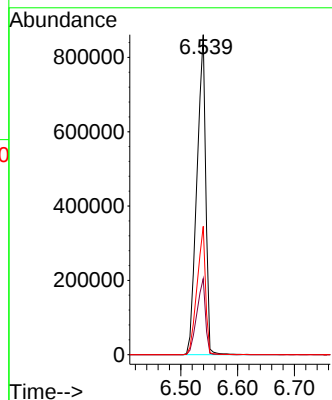
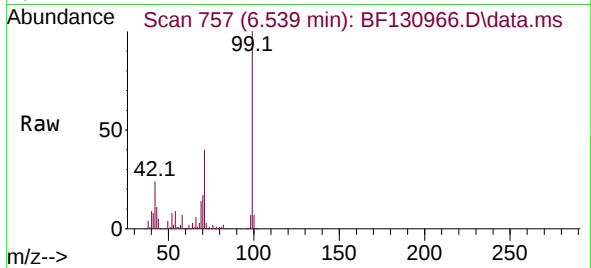




#7
Phenol-d6
Concen: 131.454 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

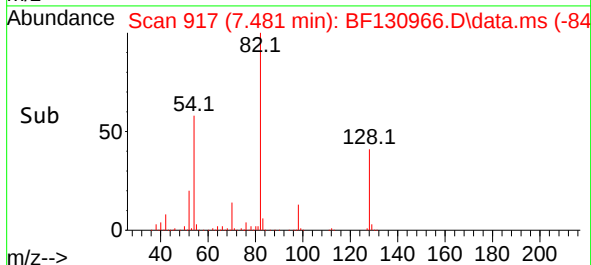
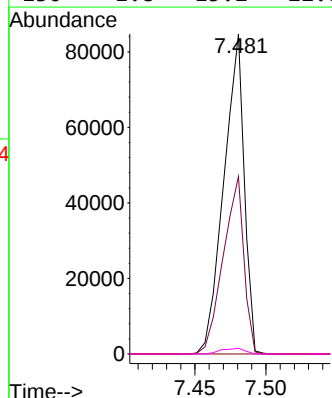
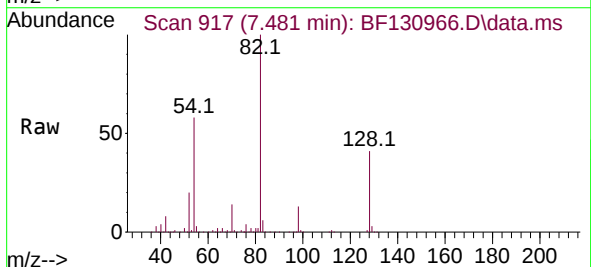
Instrument :
BNA_F
ClientSampleId :
PB148686BL

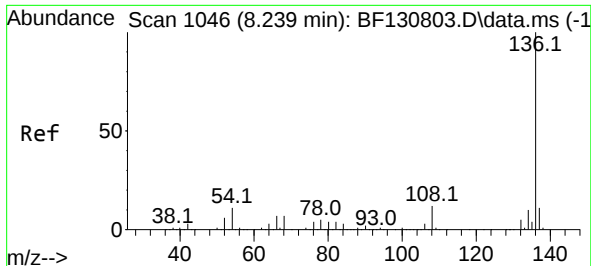
Tgt Ion: 99 Resp: 939586
Ion Ratio Lower Upper
99 100
42 23.8 18.8 28.2
71 40.1 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.365 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

Tgt Ion: 70 Resp: 84448
Ion Ratio Lower Upper
70 100
42 55.5 56.1 84.1#
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#

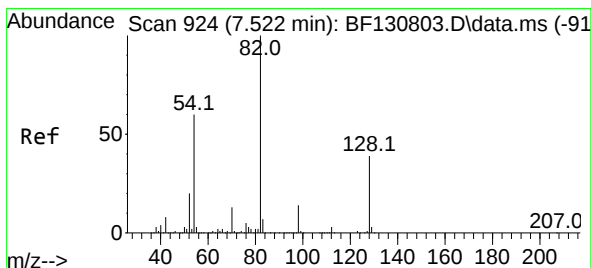
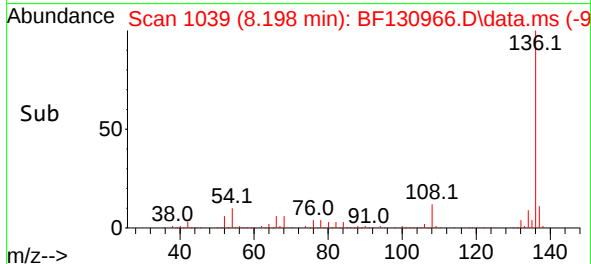
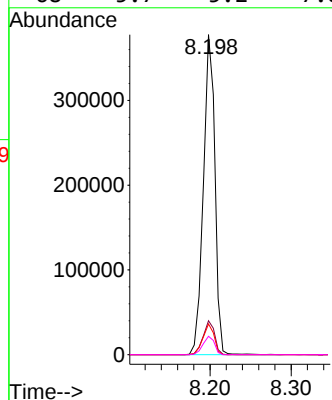
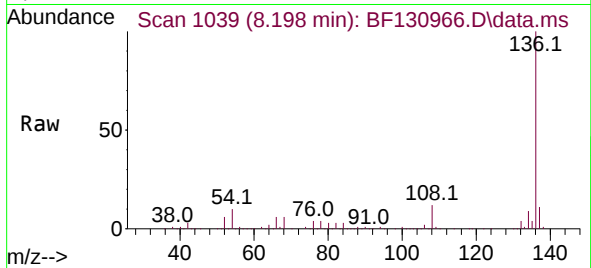




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

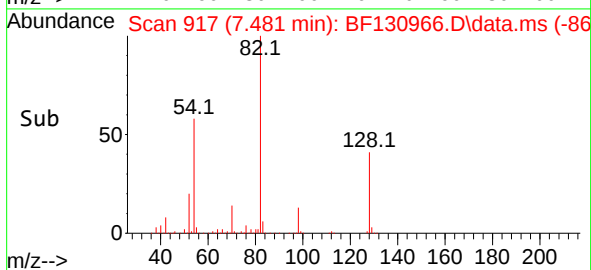
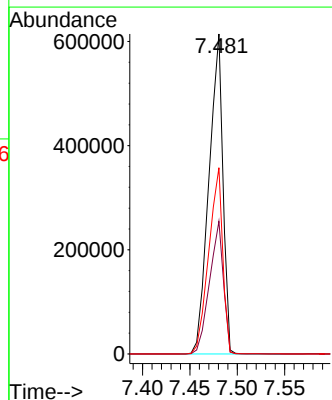
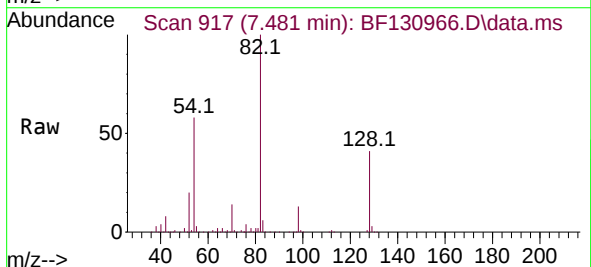
Instrument :
BNA_F
ClientSampleId :
PB148686BL

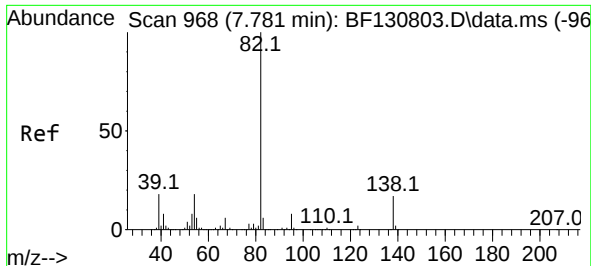
Tgt Ion:136 Resp: 371605
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 9.6 8.8 13.2
68 5.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 102.187 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

Tgt Ion: 82 Resp: 629750
Ion Ratio Lower Upper
82 100
128 41.5 31.2 46.8
54 58.2 48.0 72.0

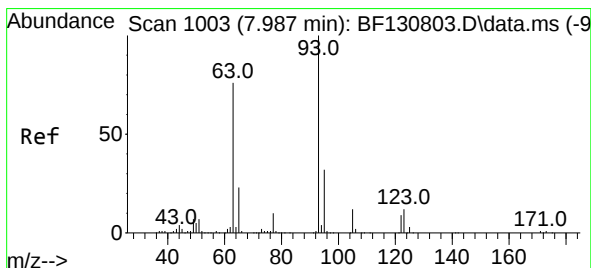
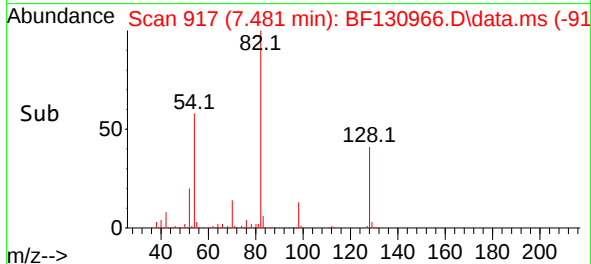
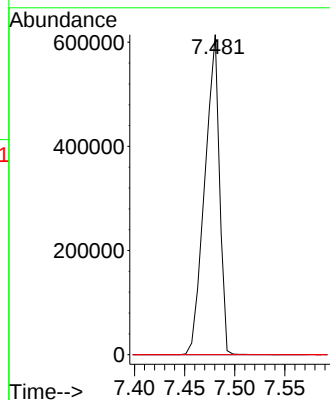
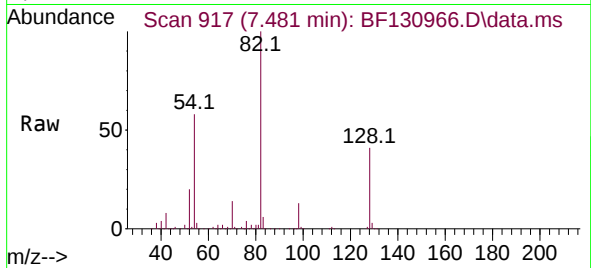




#25
Isophorone
Concen: 49.553 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

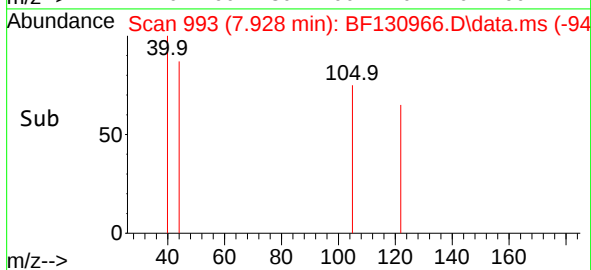
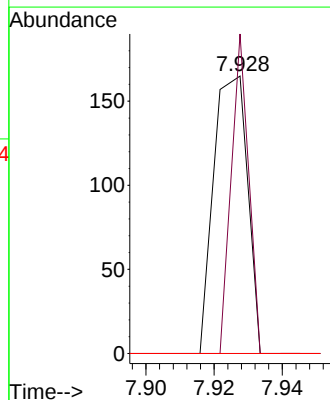
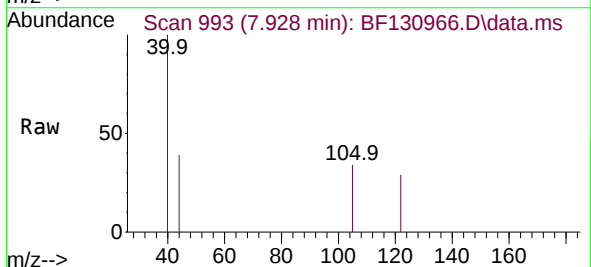
Instrument :
BNA_F
ClientSampleId :
PB148686BL

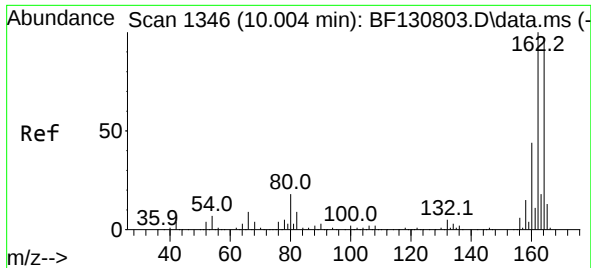
Tgt Ion: 82 Resp: 629739
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.705 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.035 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

Tgt Ion: 122 Resp: 114
Ion Ratio Lower Upper
122 100
105 115.2 114.5 154.5
77 0.0 89.8 129.8#

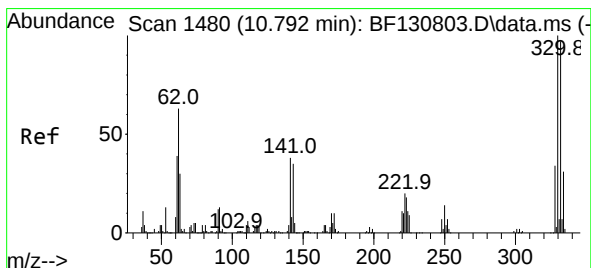
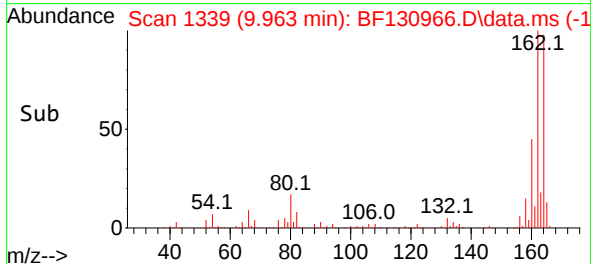
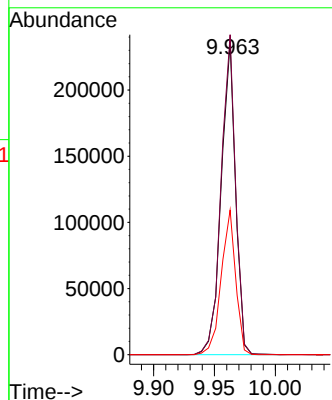
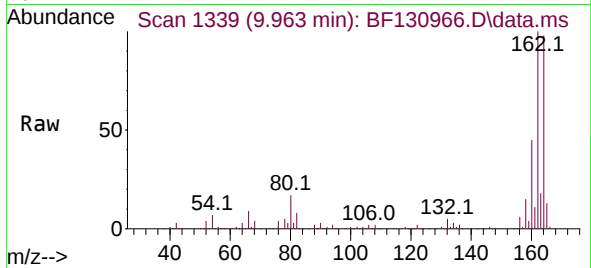




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

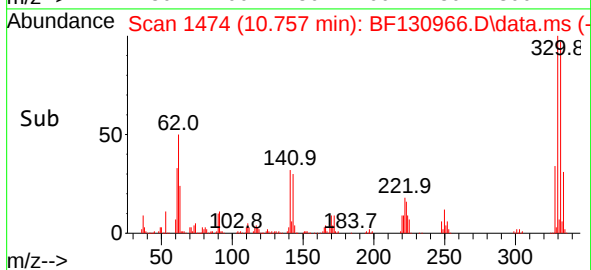
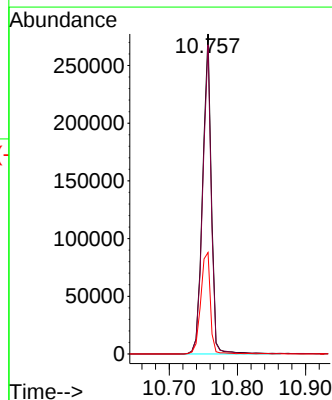
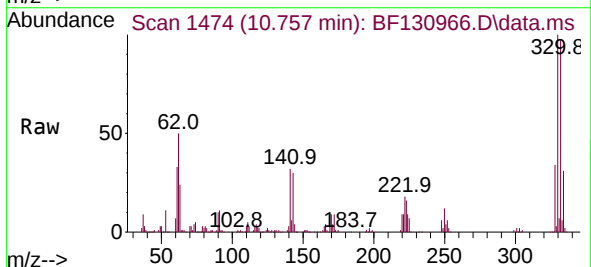
Instrument :
BNA_F
ClientSampleId :
PB148686BL

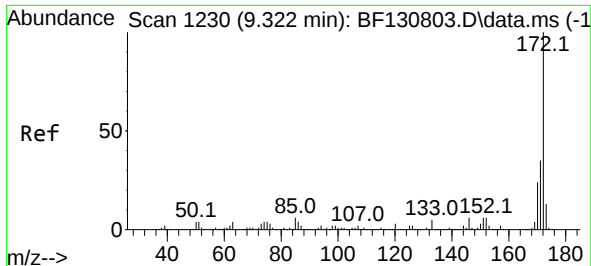
Tgt Ion:164 Resp: 194795
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.2
160 46.3 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 149.838 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

Tgt Ion:330 Resp: 245702
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 35.2 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 88.291 ng

RT: 9.280 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130966.D

Acq: 03 Nov 2022 18:42

Instrument :

BNA_F

ClientSampleId :

PB148686BL

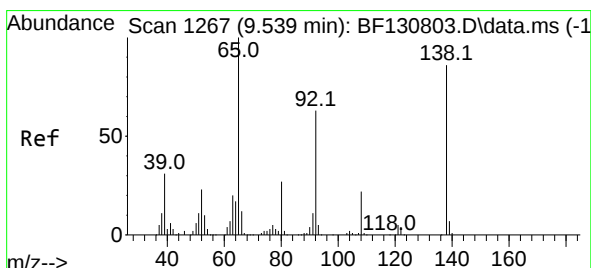
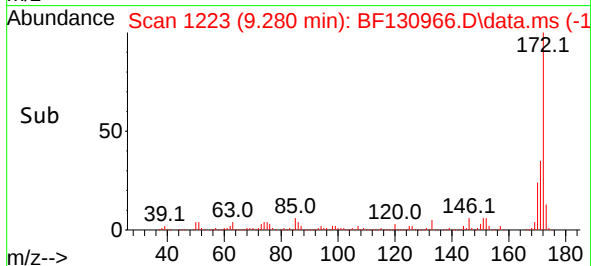
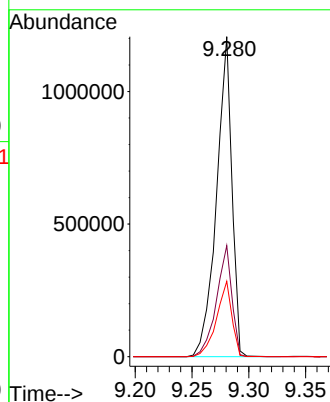
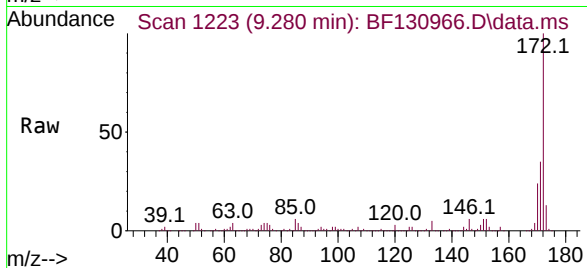
Tgt Ion:172 Resp: 1137569

Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.6 19.0 28.4



#48

2-Nitroaniline

Concen: 4.700 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.224 min

Lab File: BF130966.D

Acq: 03 Nov 2022 18:42

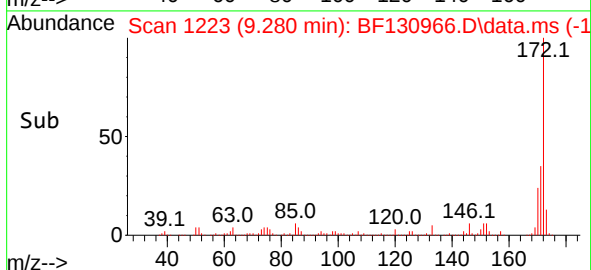
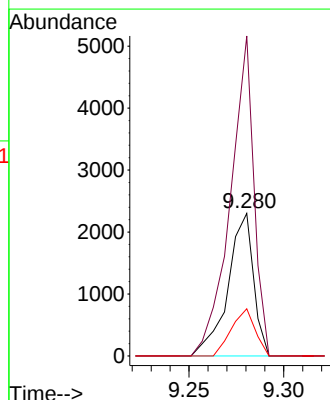
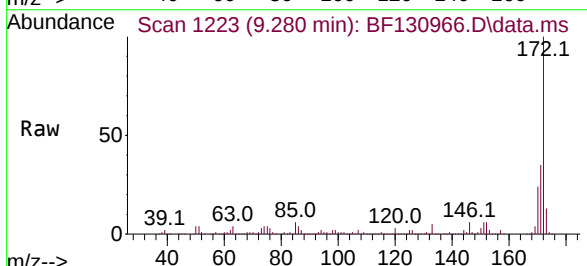
Tgt Ion: 65 Resp: 2167

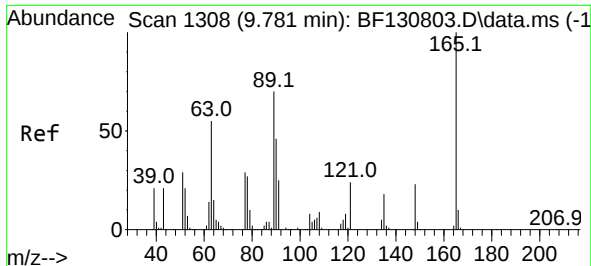
Ion Ratio Lower Upper

65 100

92 224.5 50.1 75.1#

138 33.1 69.2 103.8#

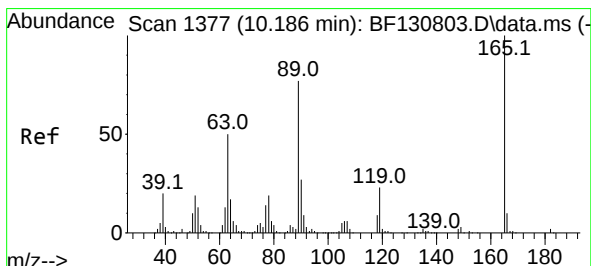
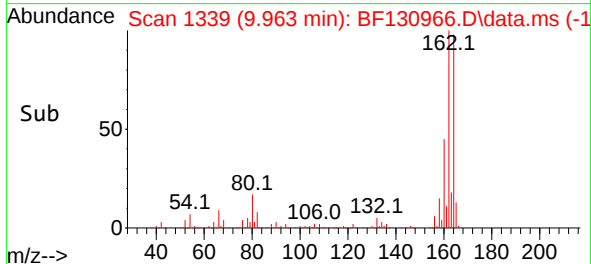
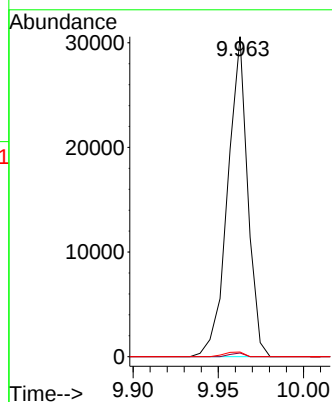
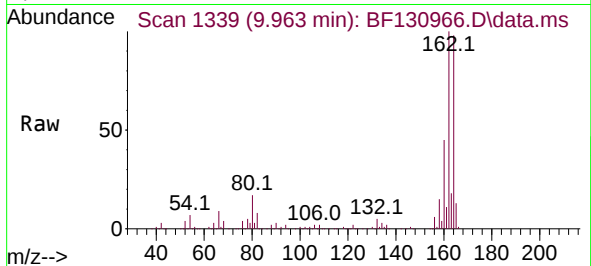




#51
2,6-Dinitrotoluene
Concen: 12.032 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

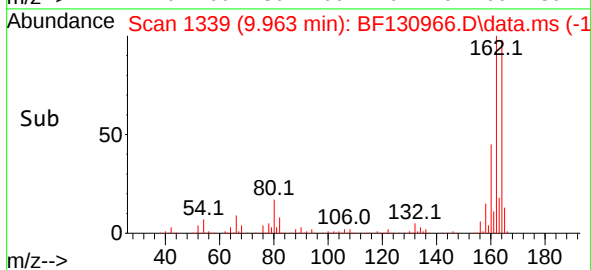
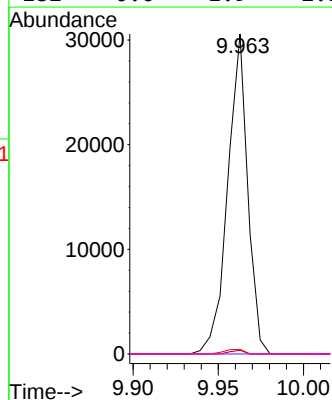
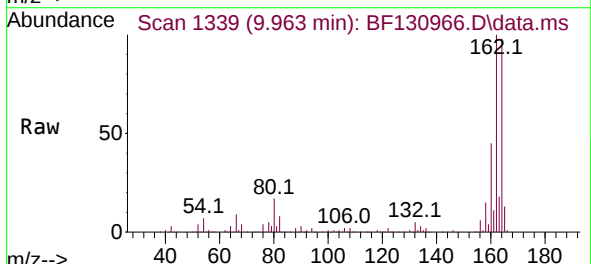
Instrument :
BNA_F
ClientSampleId :
PB148686BL

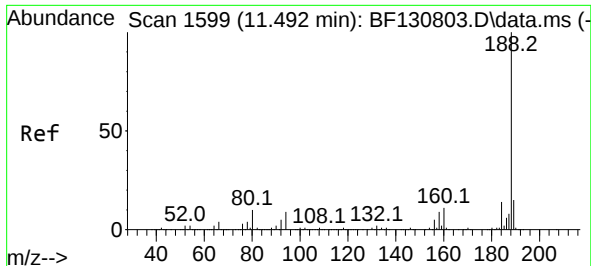
Tgt Ion:165 Resp: 24960
Ion Ratio Lower Upper
165 100
63 1.1 61.8 92.8#
89 1.4 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.914 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

Tgt Ion:165 Resp: 24960
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.4 61.9 92.9#
182 0.0 1.9 2.9#

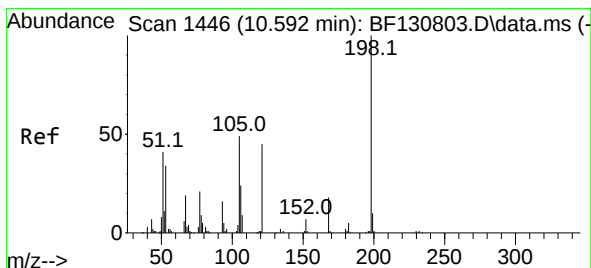
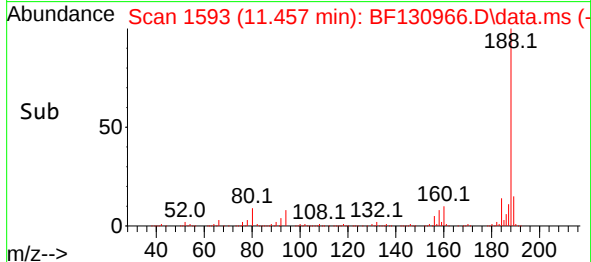
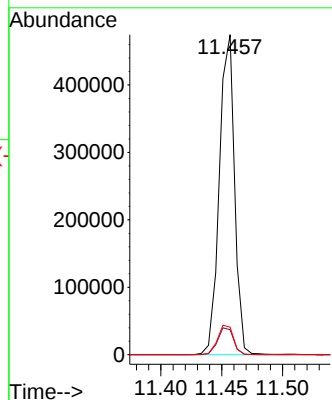
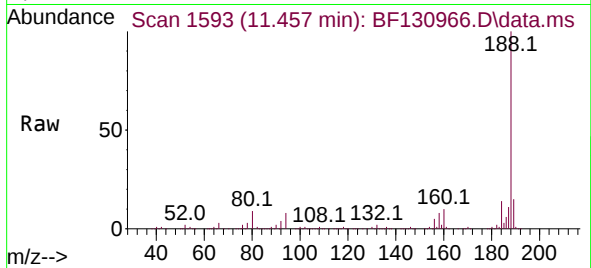




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

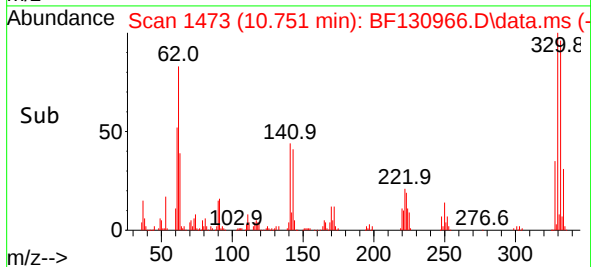
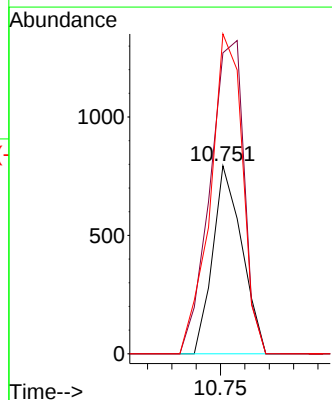
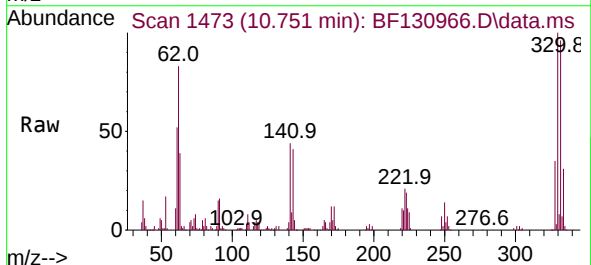
Instrument :
BNA_F
ClientSampleId :
PB148686BL

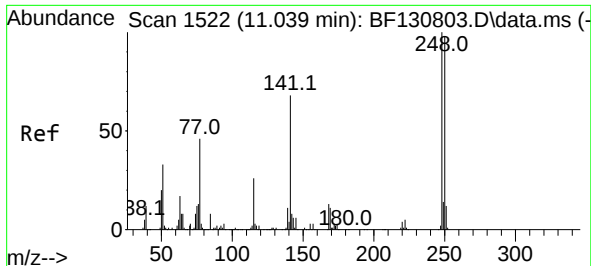
Tgt Ion:188 Resp: 412889
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.6 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.249 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.188 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

Tgt Ion:198 Resp: 663
Ion Ratio Lower Upper
198 100
51 160.1 39.0 79.0#
105 170.2 30.6 70.6#

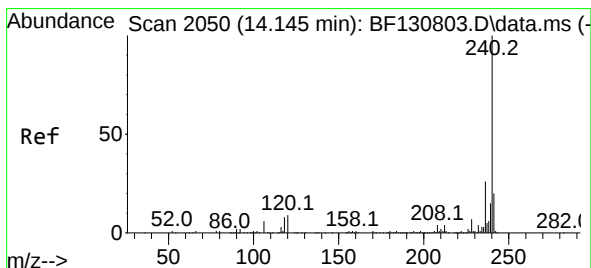
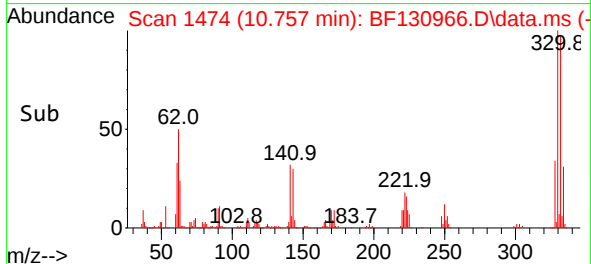
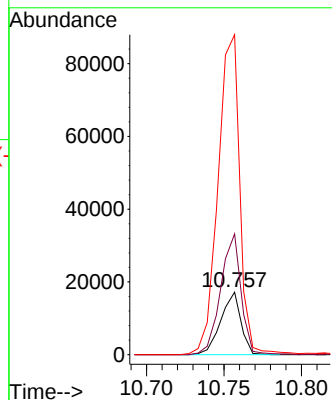
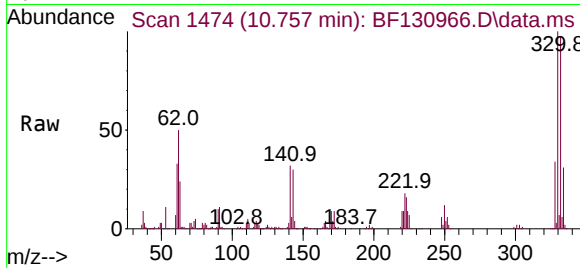




#67
4-Bromophenyl-phenylether
Concen: 3.754 ng
RT: 10.757 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

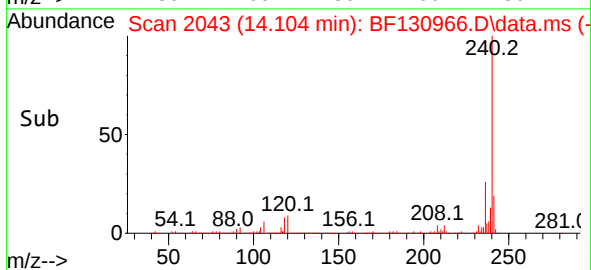
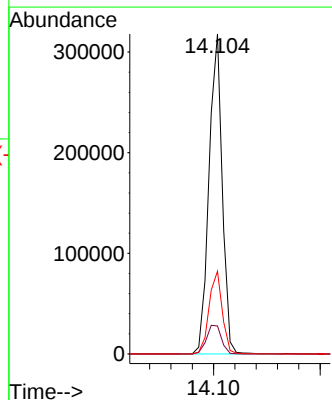
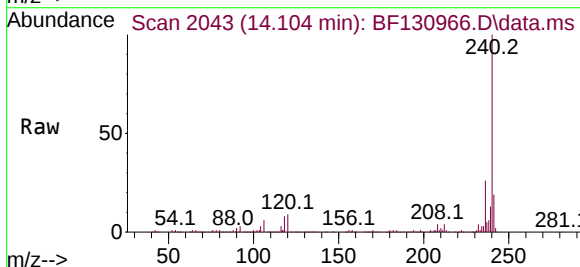
Instrument :
BNA_F
ClientSampleId :
PB148686BL

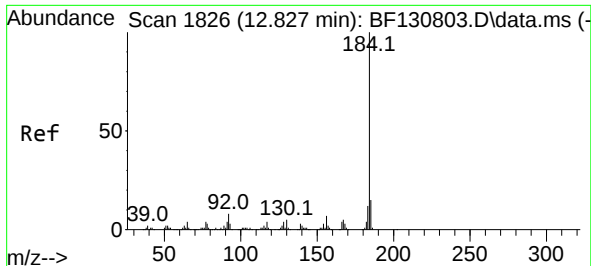
Tgt Ion:248 Resp: 15586
Ion Ratio Lower Upper
248 100
250 193.0 78.6 117.8#
141 511.0 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

Tgt Ion:240 Resp: 274252
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.4
236 25.9 20.5 30.7

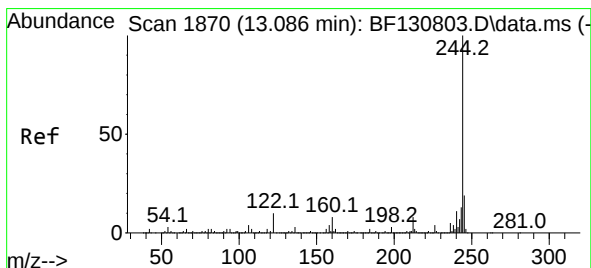
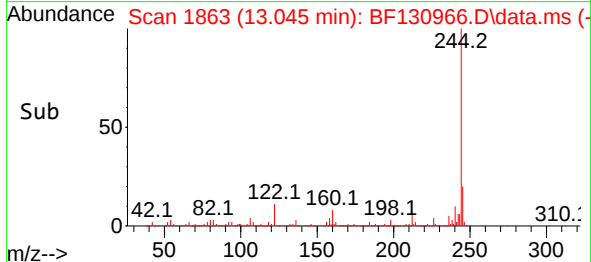
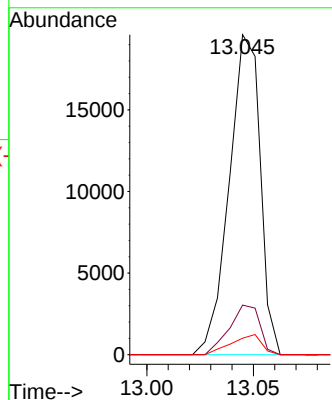
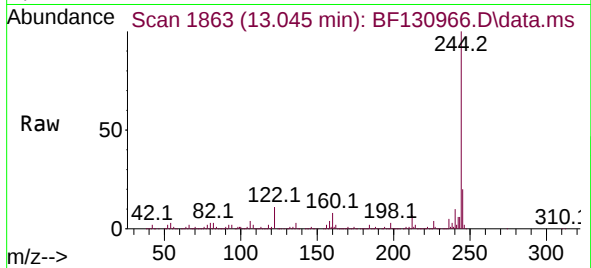




#77
Benzidine
Concen: 2.985 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.253 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

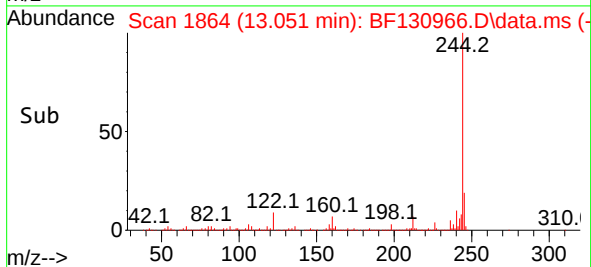
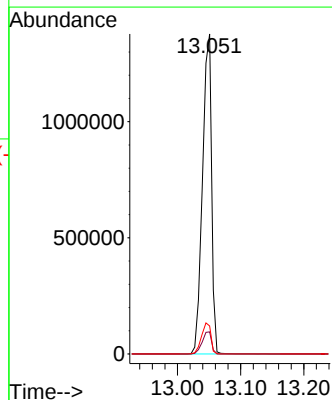
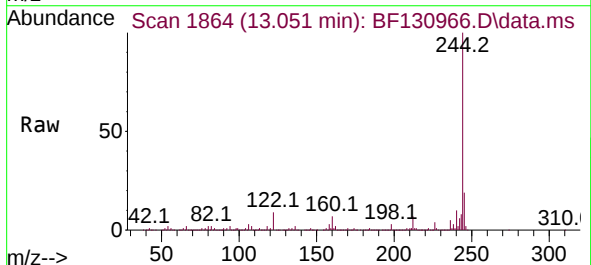
Instrument :
BNA_F
ClientSampleId :
PB148686BL

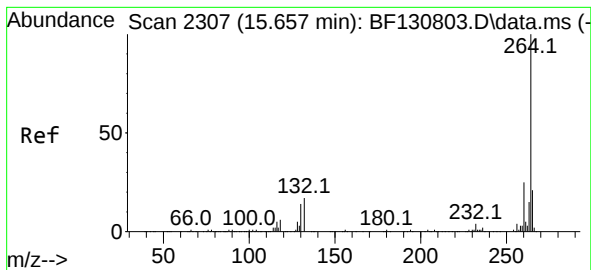
Tgt Ion:184 Resp: 19871
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.8
183 5.2 9.7 14.5#



#79
Terphenyl-d14
Concen: 91.842 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BF130966.D
Acq: 03 Nov 2022 18:42

Tgt Ion:244 Resp: 1374548
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.2
122 8.7 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.609 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF130966.D

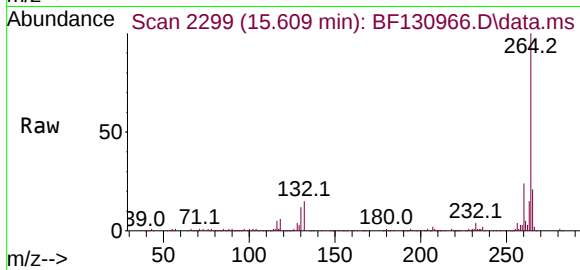
Acq: 03 Nov 2022 18:42

Instrument :

BNA_F

ClientSampleId :

PB148686BL



Tgt Ion:264 Resp: 189492

Ion Ratio Lower Upper

264 100

260 23.6 19.9 29.9

265 20.6 17.0 25.6

