

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131255.D
 Acq On : 16 Nov 2022 09:48
 Operator : CG\JU
 Sample : PB148901BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148901BL

Quant Time: Nov 16 22:10:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

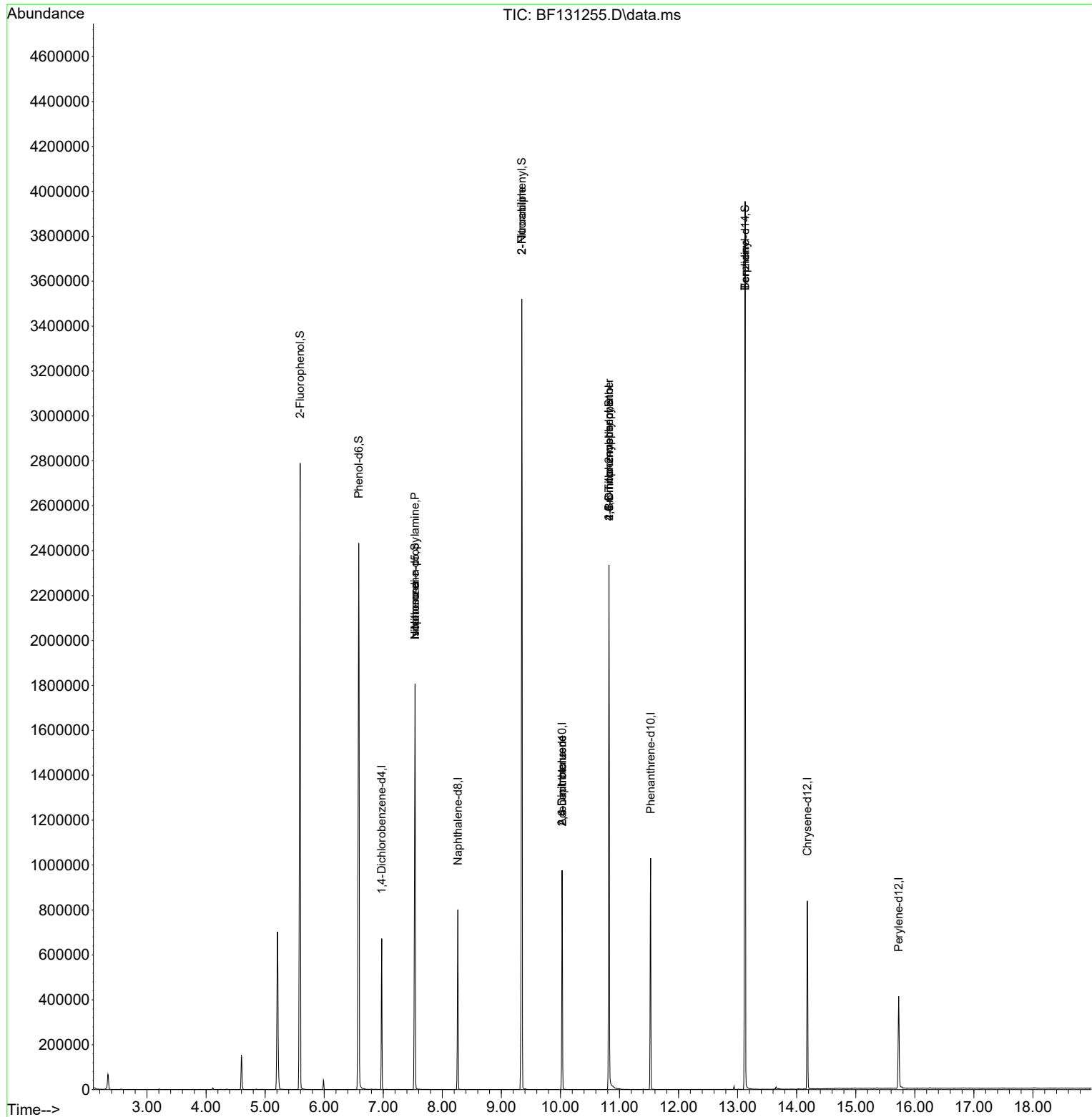
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	86946	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	323900	20.000	ng	0.00
39) Acenaphthene-d10	10.027	164	192011	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	355096	20.000	ng	0.00
76) Chrysene-d12	14.180	240	264018	20.000	ng	0.00
86) Perylene-d12	15.727	264	194916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	721169	146.874	ng	0.02
7) Phenol-d6	6.586	99	907343	145.898	ng	0.00
23) Nitrobenzene-d5	7.539	82	588734	102.024	ng	0.00
42) 2,4,6-Tribromophenol	10.821	330	256958	140.100	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1154292	87.974	ng	0.00
79) Terphenyl-d14	13.127	244	1449594	94.287	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.539	70	82732	19.091	ng	# 75
25) Isophorone	7.539	82	588224	51.024	ng	# 67
48) 2-Nitroaniline	9.345	65	2267	4.598	ng	# 1
51) 2,6-Dinitrotoluene	10.027	165	23880	11.276	ng	# 23
57) 2,4-Dinitrotoluene	10.027	165	23880	10.740	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.821	198	710	8.387	ng	# 1
67) 4-Bromophenyl-phenylether	10.821	248	17538	4.206	ng	# 1
77) Benzidine	13.127	184	19109	3.377	ng	# 91

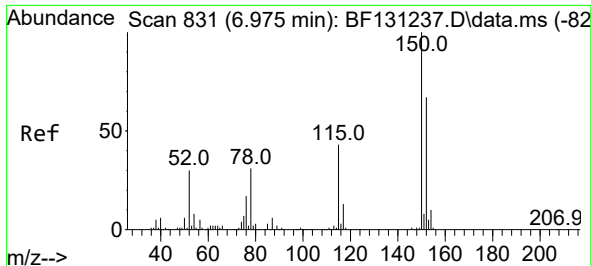
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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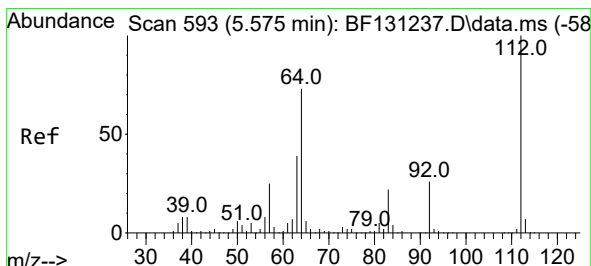
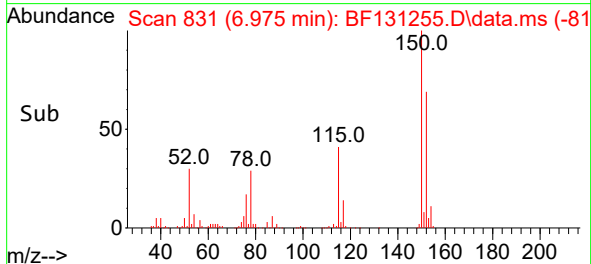
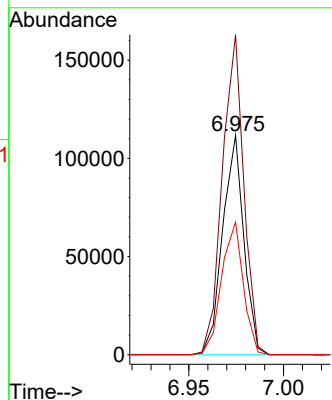
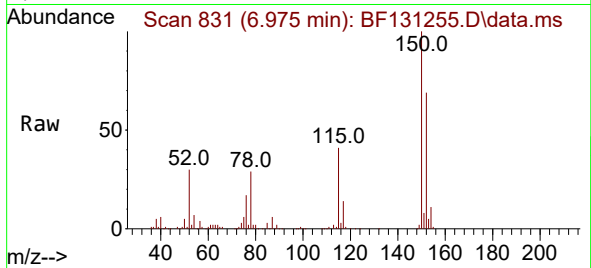




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131255.D
Acq: 16 Nov 2022 09:48

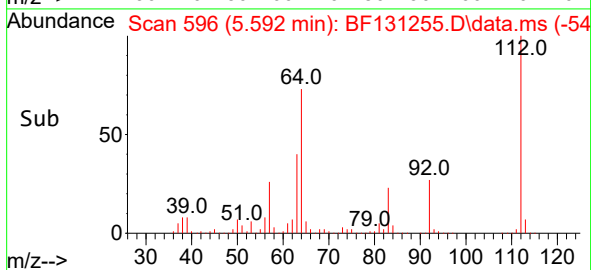
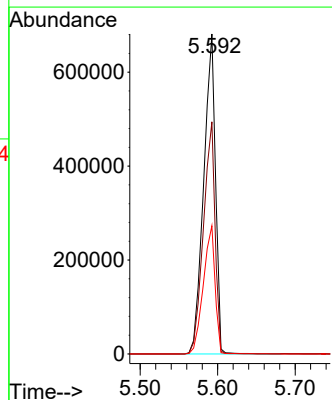
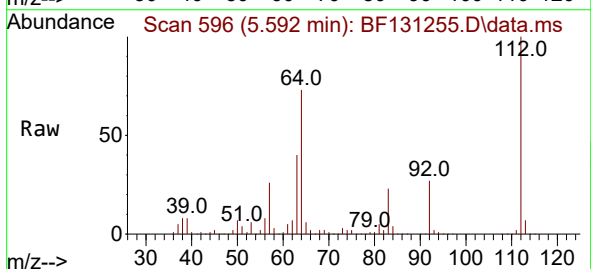
Instrument :
BNA_F
ClientSampleId :
PB148901BL

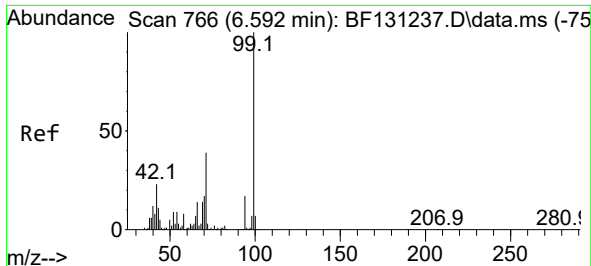
Tgt Ion:152 Resp: 86946
Ion Ratio Lower Upper
152 100
150 145.9 120.2 180.4
115 60.5 51.8 77.8



#5
2-Fluorophenol
Concen: 146.874 ng
RT: 5.592 min Scan# 596
Delta R.T. 0.017 min
Lab File: BF131255.D
Acq: 16 Nov 2022 09:48

Tgt Ion:112 Resp: 721169
Ion Ratio Lower Upper
112 100
64 72.5 58.4 87.6
63 40.1 31.6 47.4

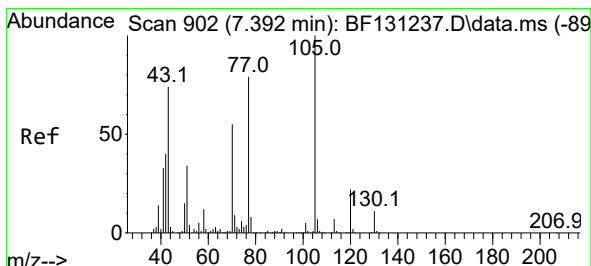
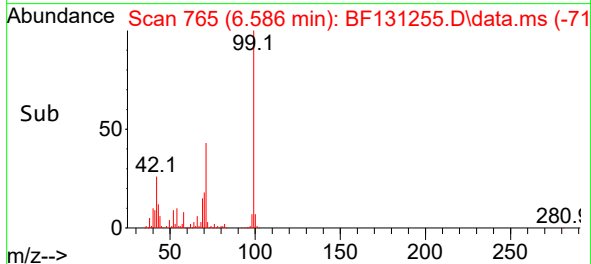
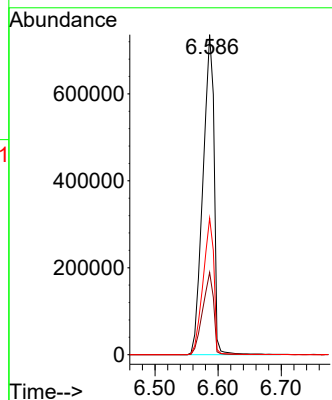
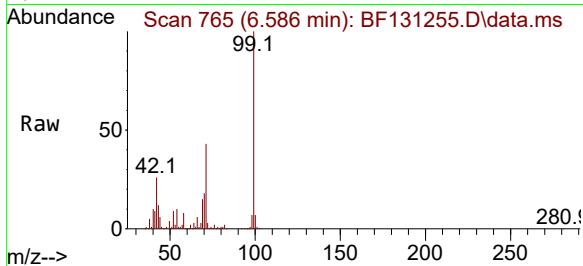




#7
Phenol-d6
Concen: 145.898 ng
RT: 6.586 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131255.D
Acq: 16 Nov 2022 09:48

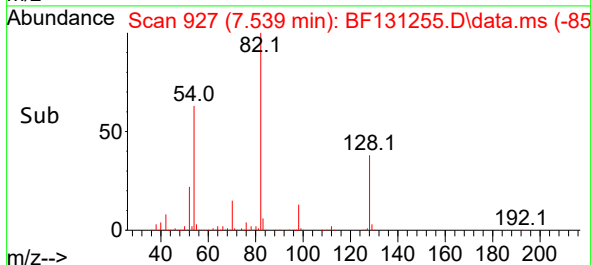
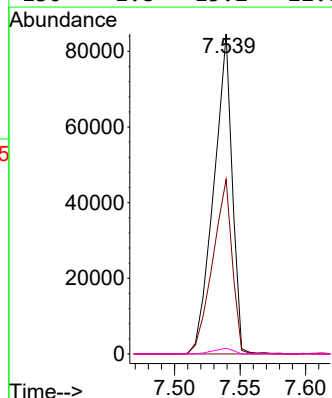
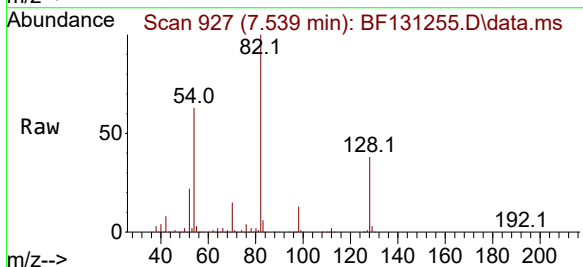
Instrument :
BNA_F
ClientSampleId :
PB148901BL

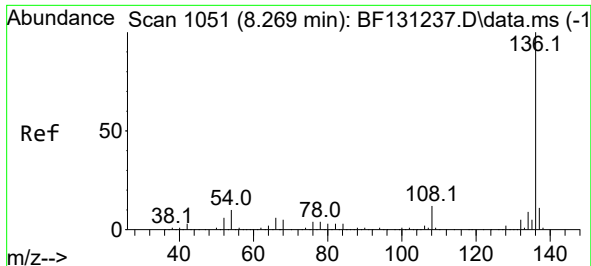
Tgt Ion: 99 Resp: 907343
Ion Ratio Lower Upper
99 100
42 25.7 18.6 28.0
71 42.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.091 ng
RT: 7.539 min Scan# 927
Delta R.T. 0.147 min
Lab File: BF131255.D
Acq: 16 Nov 2022 09:48

Tgt Ion: 70 Resp: 82732
Ion Ratio Lower Upper
70 100
42 54.6 58.3 87.5#
101 0.0 7.2 10.8#
130 1.8 15.2 22.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.263 min Scan# 1050

Delta R.T. -0.006 min

Lab File: BF131255.D

Acq: 16 Nov 2022 09:48

Instrument :

BNA_F

ClientSampleId :

PB148901BL

Tgt Ion:136 Resp: 323900

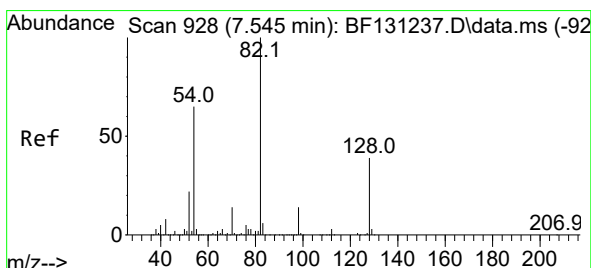
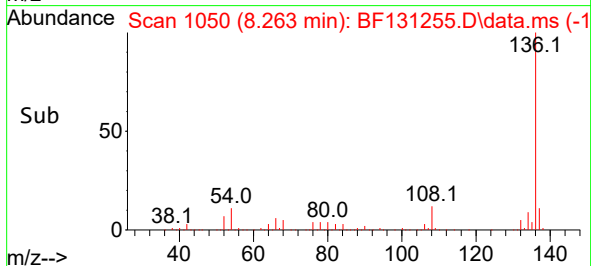
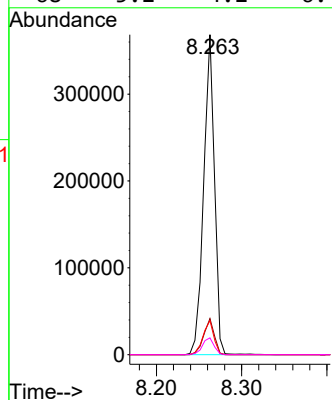
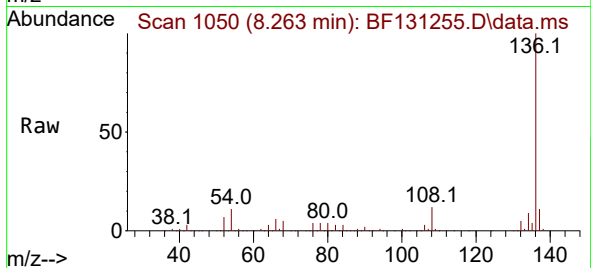
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 10.7 7.8 11.8

68 5.2 4.2 6.4



#23

Nitrobenzene-d5

Concen: 102.024 ng

RT: 7.539 min Scan# 927

Delta R.T. -0.006 min

Lab File: BF131255.D

Acq: 16 Nov 2022 09:48

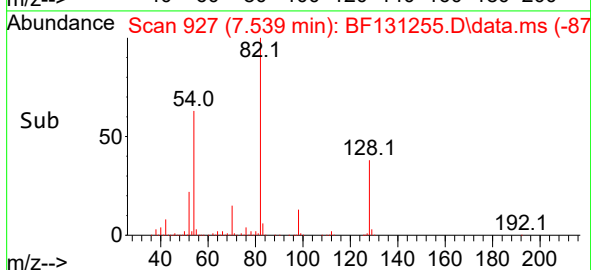
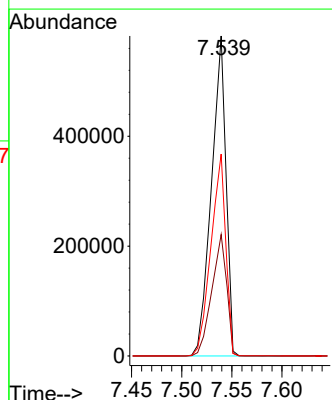
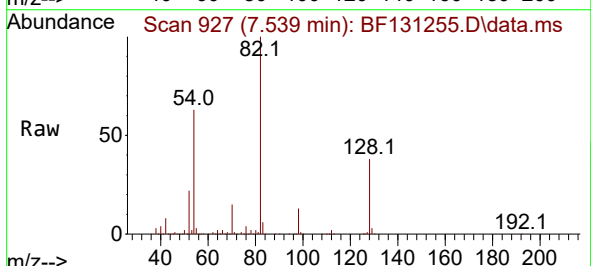
Tgt Ion: 82 Resp: 588734

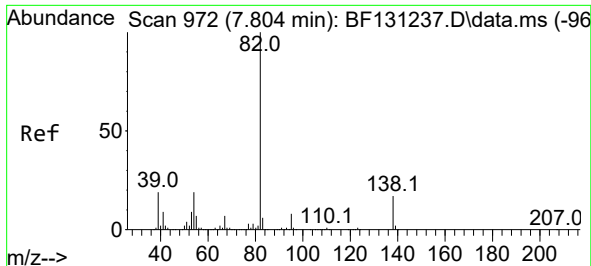
Ion Ratio Lower Upper

82 100

128 37.9 31.1 46.7

54 63.1 51.8 77.6

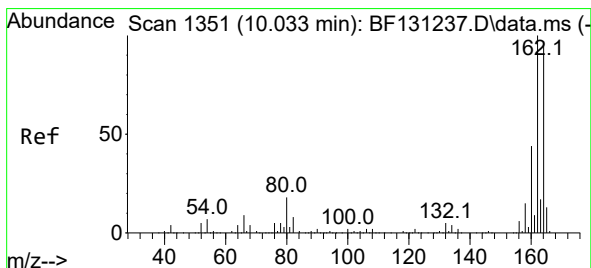
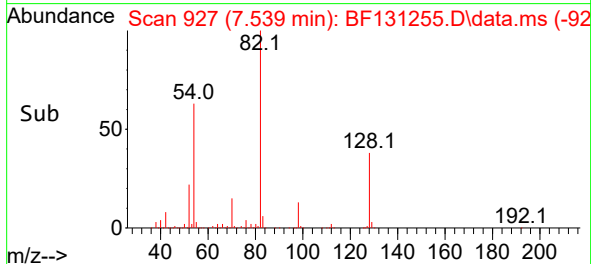
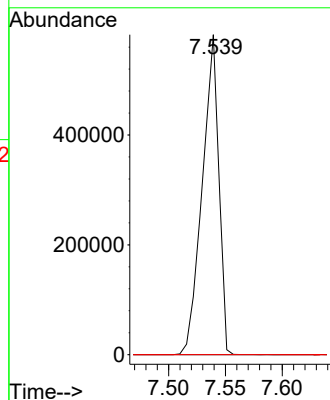
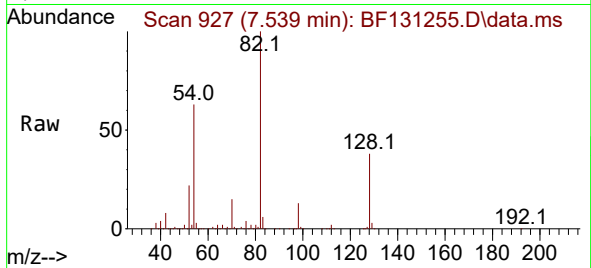




#25
Isophorone
Concen: 51.024 ng
RT: 7.539 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131255.D
Acq: 16 Nov 2022 09:48

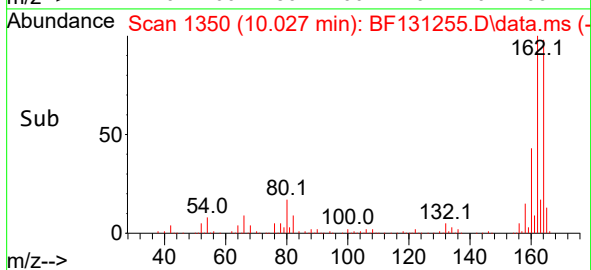
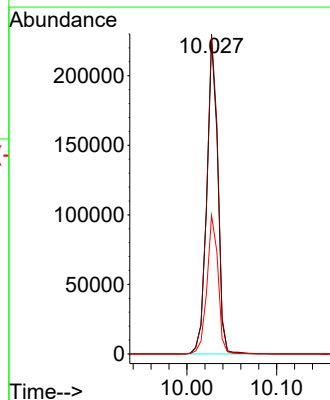
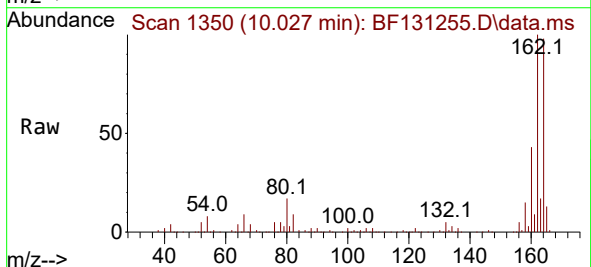
Instrument :
BNA_F
ClientSampleId :
PB148901BL

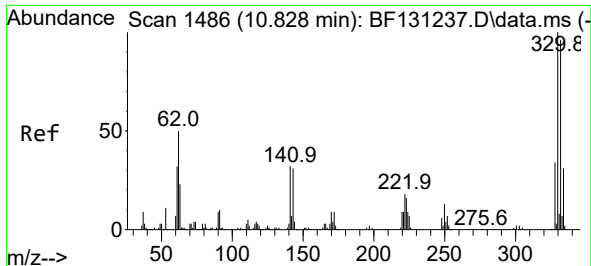
Tgt Ion: 82 Resp: 588224
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF131255.D
Acq: 16 Nov 2022 09:48

Tgt Ion:164 Resp: 192011
Ion Ratio Lower Upper
164 100
162 102.0 82.1 123.1
160 44.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 140.100 ng

RT: 10.821 min Scan# 1485

Delta R.T. -0.007 min

Lab File: BF131255.D

Acq: 16 Nov 2022 09:48

Instrument :

BNA_F

ClientSampleId :

PB148901BL

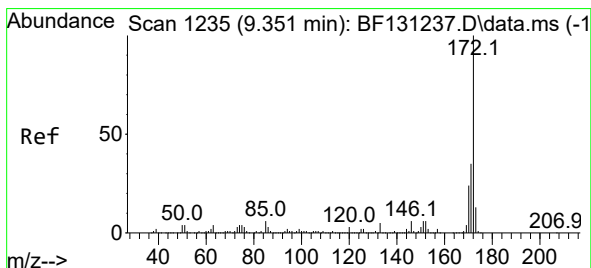
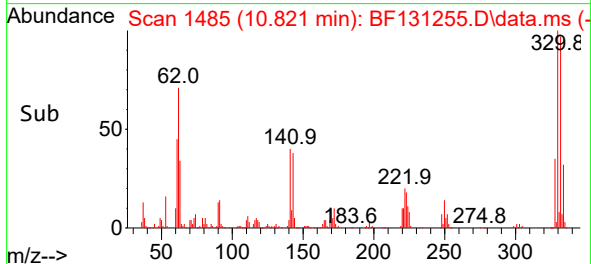
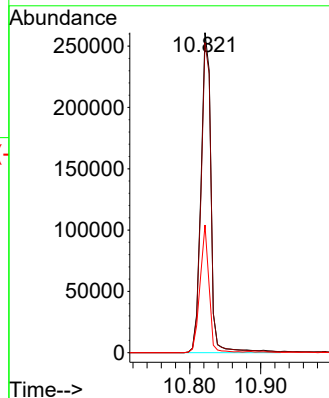
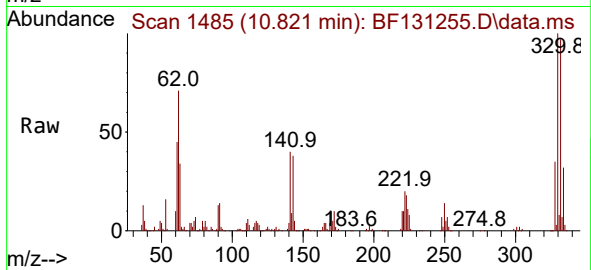
Tgt Ion:330 Resp: 256958

Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

141 36.1 29.6 44.4



#45

2-Fluorobiphenyl

Concen: 87.974 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF131255.D

Acq: 16 Nov 2022 09:48

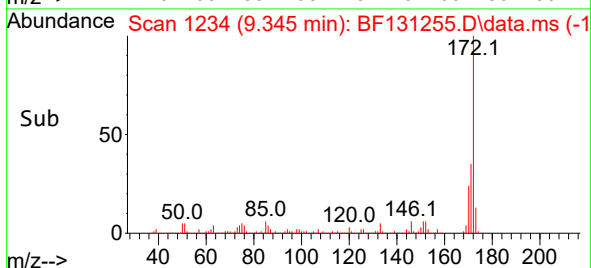
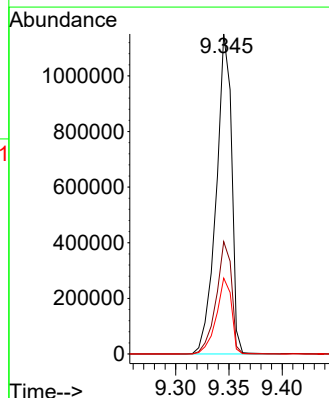
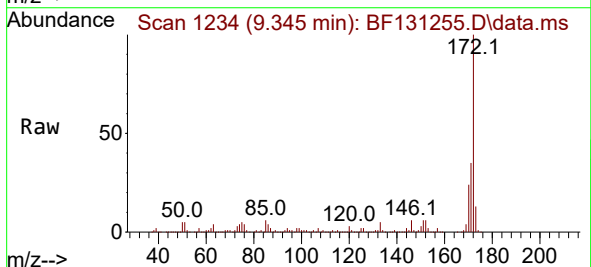
Tgt Ion:172 Resp: 1154292

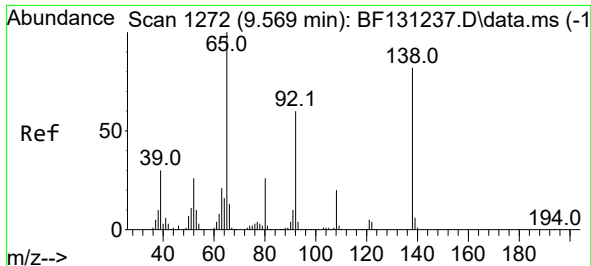
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.7 18.8 28.2

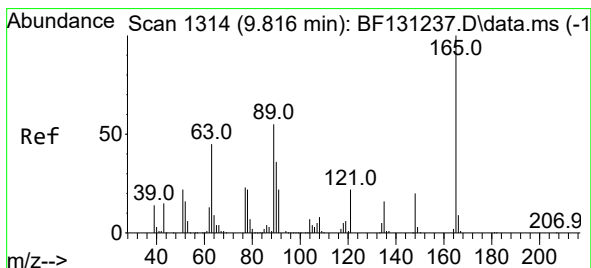
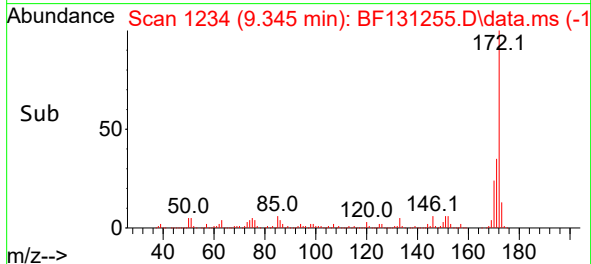
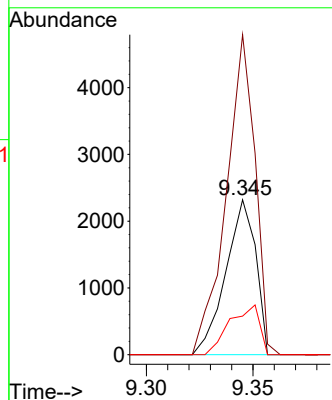
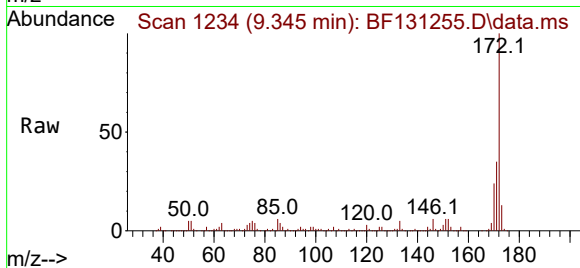




#48
2-Nitroaniline
Concen: 4.598 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF131255.D
Acq: 16 Nov 2022 09:48

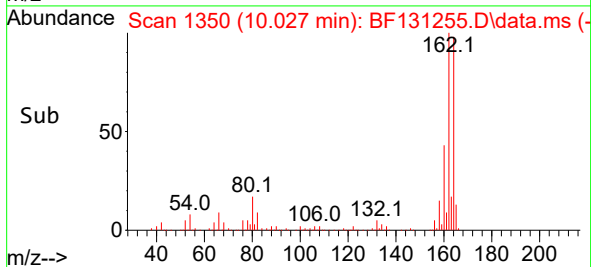
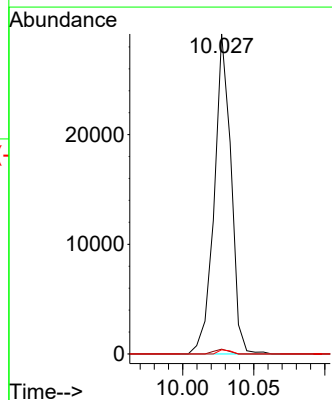
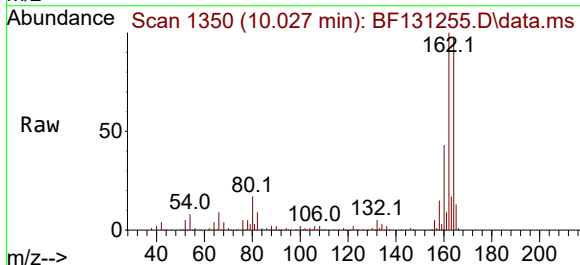
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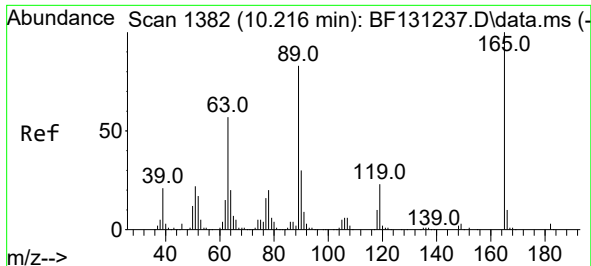
Tgt Ion: 65 Resp: 2267
Ion Ratio Lower Upper
65 100
92 206.5 48.2 72.2#
138 24.9 65.8 98.8#



#51
2,6-Dinitrotoluene
Concen: 11.276 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.211 min
Lab File: BF131255.D
Acq: 16 Nov 2022 09:48

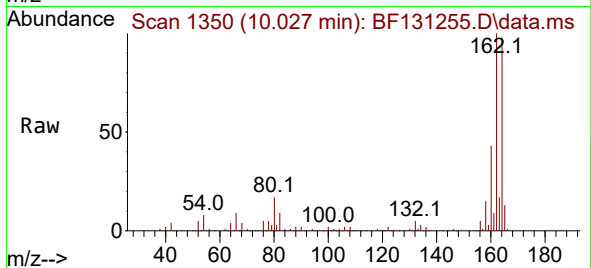
Tgt Ion: 165 Resp: 23880
Ion Ratio Lower Upper
165 100
63 1.5 49.8 74.6#
89 1.3 44.5 66.7#



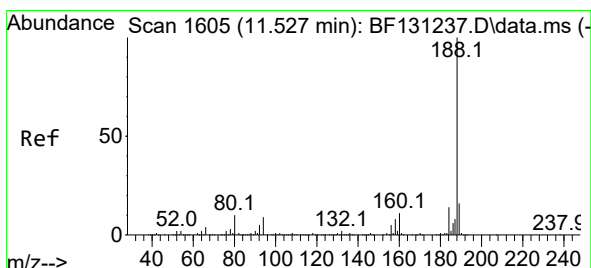
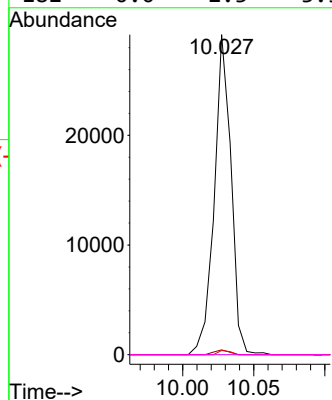
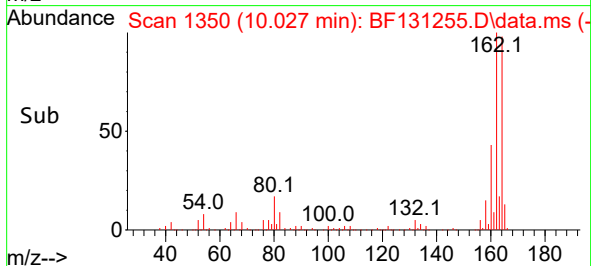


#57
2,4-Dinitrotoluene
Concen: 10.740 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF131255.D
Acq: 16 Nov 2022 09:48

Instrument :
BNA_F
ClientSampleId :
PB148901BL

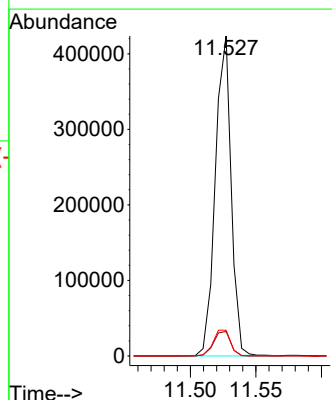
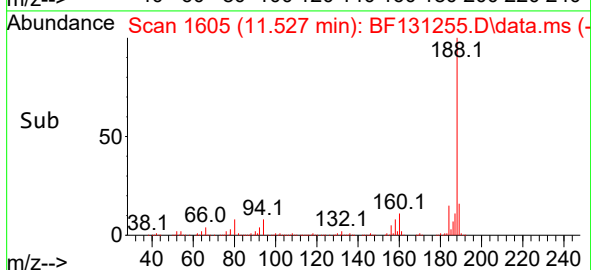
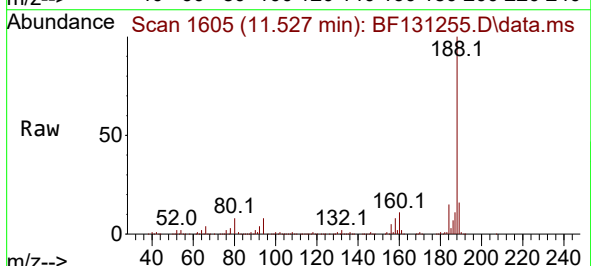


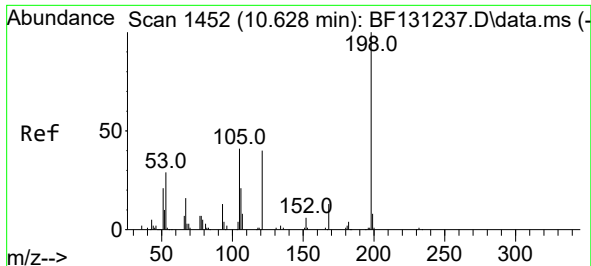
Tgt Ion:165 Resp: 23880
Ion Ratio Lower Upper
165 100
63 1.5 46.0 69.0#
89 1.3 66.2 99.4#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BF131255.D
Acq: 16 Nov 2022 09:48

Tgt Ion:188 Resp: 355096
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.1 8.0 12.0

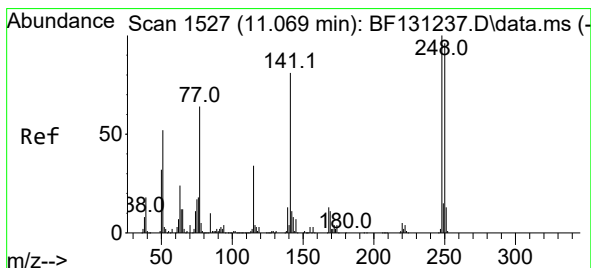
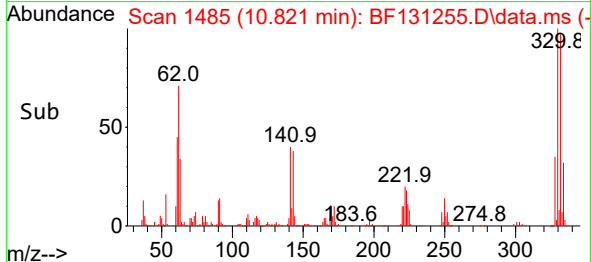
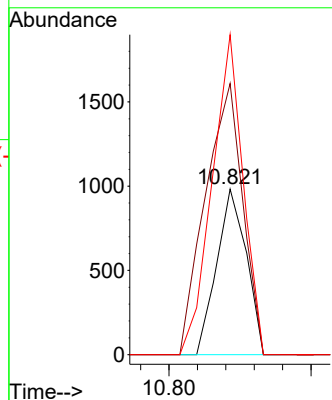
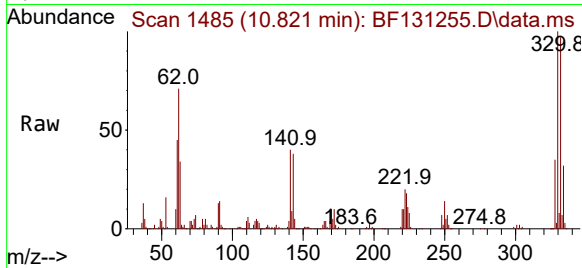




#65
4,6-Dinitro-2-methylphenol
Concen: 8.387 ng
RT: 10.821 min Scan# 1452
Delta R.T. 0.193 min
Lab File: BF131255.D
Acq: 16 Nov 2022 09:48

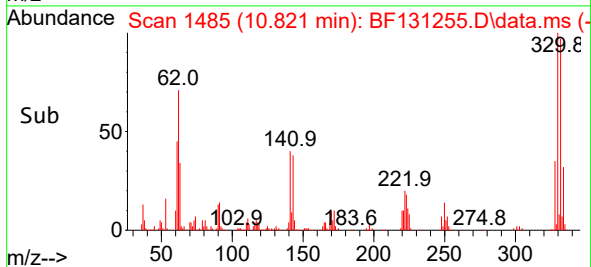
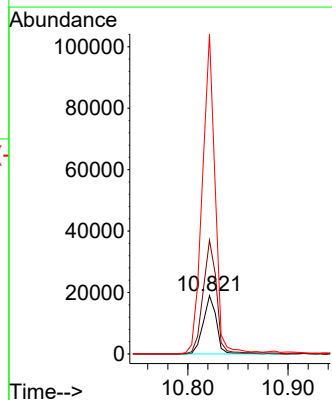
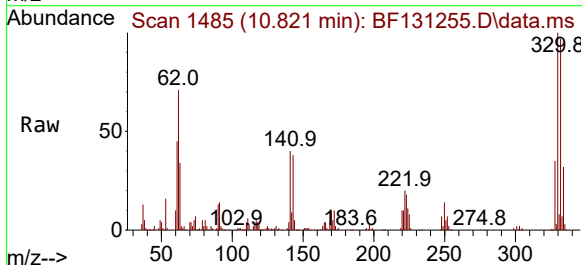
Instrument :
BNA_F
ClientSampleId :
PB148901BL

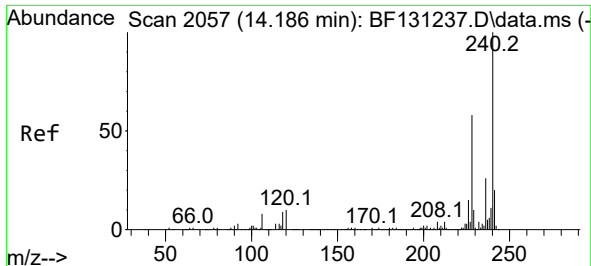
Tgt Ion:198 Resp: 710
Ion Ratio Lower Upper
198 100
51 163.7 29.4 69.4#
105 193.2 22.2 62.2#



#67
4-Bromophenyl-phenylether
Concen: 4.206 ng
RT: 10.821 min Scan# 1485
Delta R.T. -0.247 min
Lab File: BF131255.D
Acq: 16 Nov 2022 09:48

Tgt Ion:248 Resp: 17538
Ion Ratio Lower Upper
248 100
250 195.0 76.6 114.8#
141 548.8 64.7 97.1#

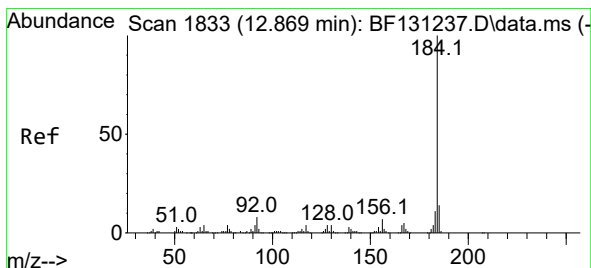
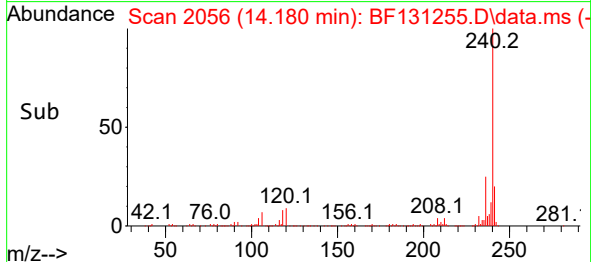
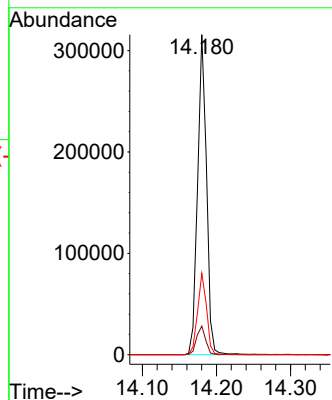
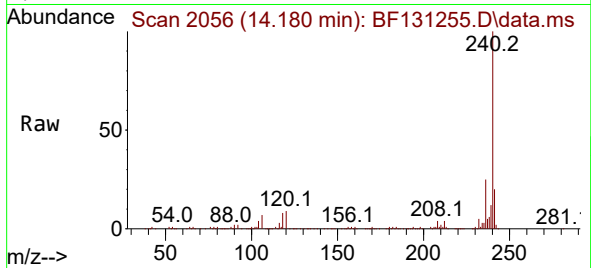




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BF131255.D
Acq: 16 Nov 2022 09:48

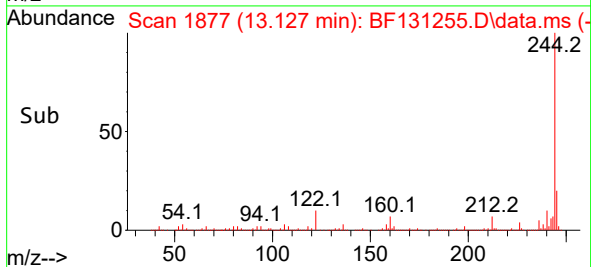
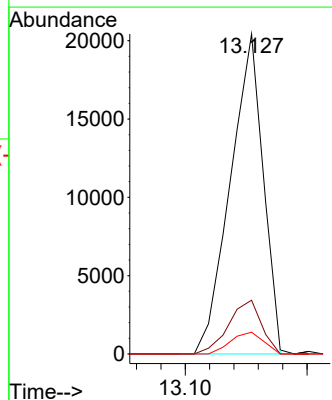
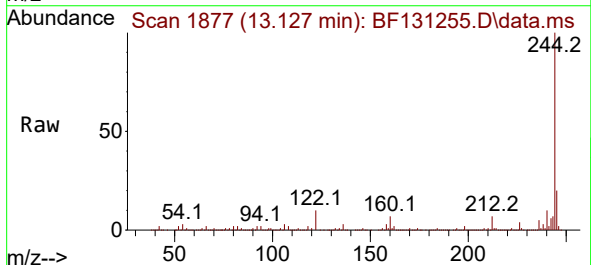
Instrument :
BNA_F
ClientSampleId :
PB148901BL

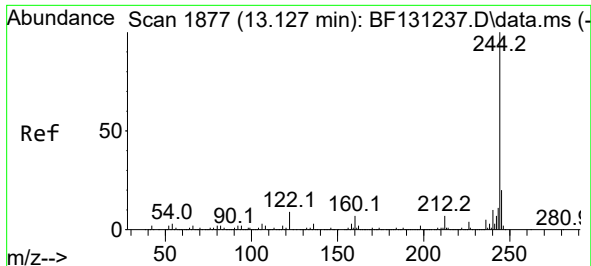
Tgt Ion:240 Resp: 264018
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.5 20.6 31.0



#77
Benzidine
Concen: 3.377 ng
RT: 13.127 min Scan# 1877
Delta R.T. 0.258 min
Lab File: BF131255.D
Acq: 16 Nov 2022 09:48

Tgt Ion:184 Resp: 19109
Ion Ratio Lower Upper
184 100
185 16.8 11.4 17.2
183 6.8 9.0 13.4#

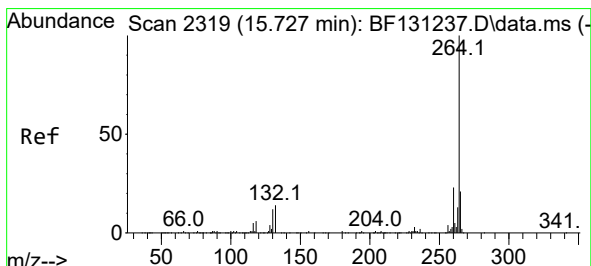
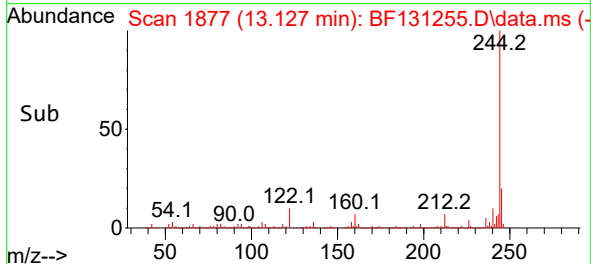
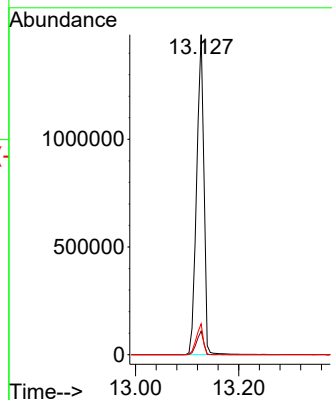
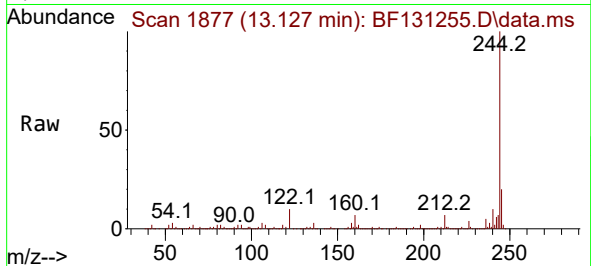




#79
 Terphenyl-d14
 Concen: 94.287 ng
 RT: 13.127 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: BF131255.D
 Acq: 16 Nov 2022 09:48

Instrument :
 BNA_F
 ClientSampleId :
 PB148901BL

Tgt Ion:244 Resp: 1449594
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.6 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.727 min Scan# 2319
 Delta R.T. -0.000 min
 Lab File: BF131255.D
 Acq: 16 Nov 2022 09:48

Tgt Ion:264 Resp: 194916
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 20.5 16.6 24.8

