

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131676.D
 Acq On : 16 Dec 2022 20:23
 Operator : CG\JU
 Sample : N6037-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-23-(8-10)

Quant Time: Dec 17 03:58:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

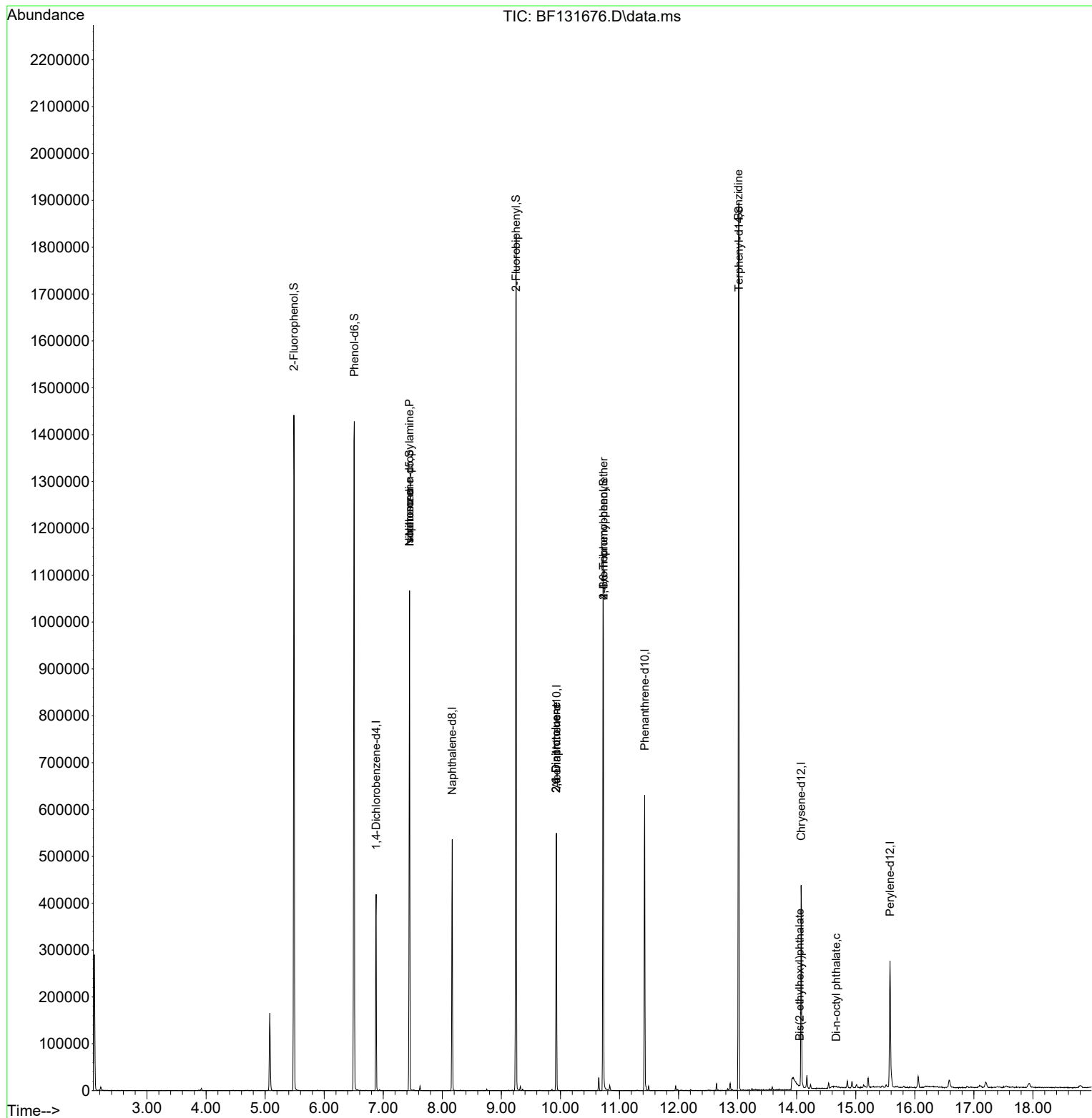
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	57712	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	200895	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	112503	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	218807	20.000	ng	0.00
76) Chrysene-d12	14.074	240	140103	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	131350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	362187	104.698	ng	0.00
7) Phenol-d6	6.510	99	475323	104.853	ng	0.00
23) Nitrobenzene-d5	7.445	82	314604	59.206	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	119813	95.855	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	549065	61.536	ng	0.00
79) Terphenyl-d14	13.021	244	664321	65.027	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	43323	12.745	ng	# 74
25) Isophorone	7.445	82	314598	36.756	ng	# 69
51) 2,6-Dinitrotoluene	9.928	165	14049	7.935	ng	# 9
57) 2,4-Dinitrotoluene	9.928	165	14049	5.982	ng	# 15
67) 4-Bromophenyl-phenylether	10.727	248	8405	2.986	ng	# 1
77) Benzidine	13.016	184	10457	2.786	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.051	149	611	3.137	ng	# 54
85) Di-n-octyl phthalate	14.668	149	90	5.228	ng	# 74

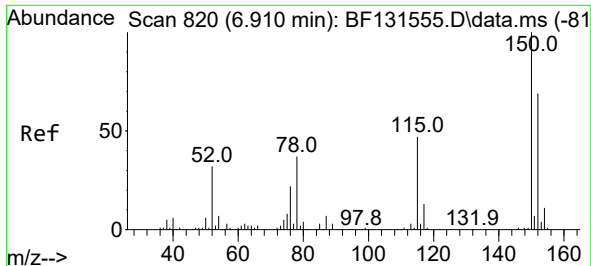
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
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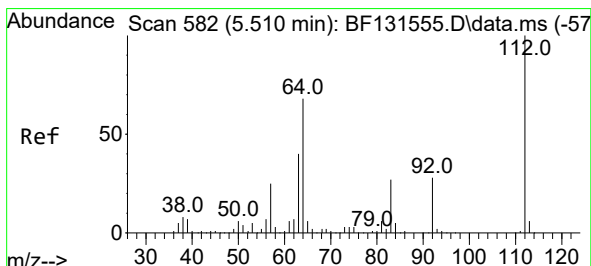
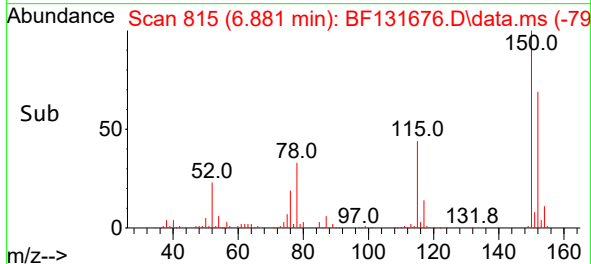
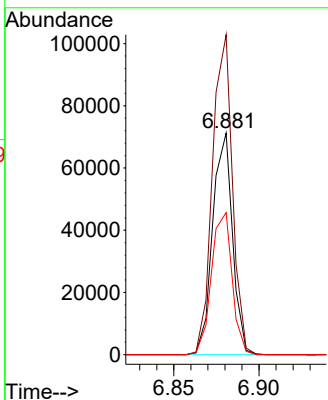
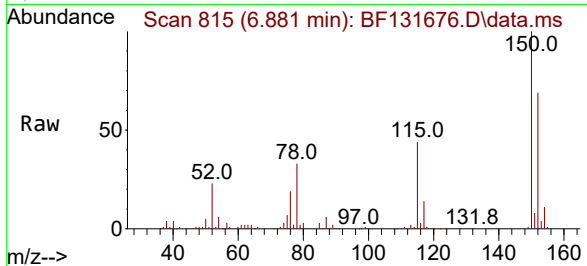




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

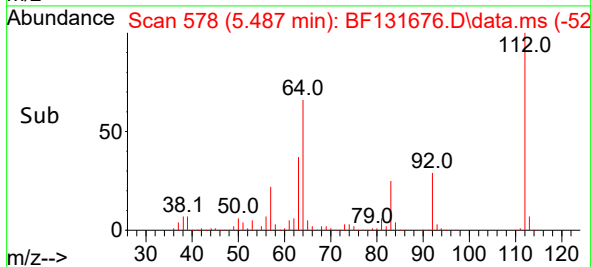
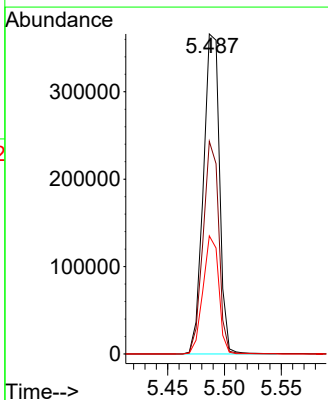
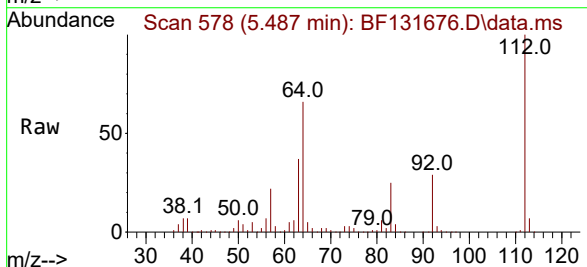
Instrument :
BNA_F
ClientSampleId :
RB-23-(8-10)

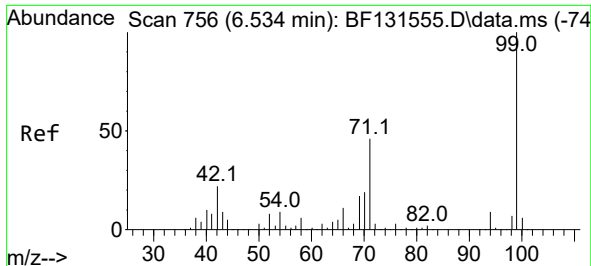
Tgt Ion:152 Resp: 57712
Ion Ratio Lower Upper
152 100
150 144.4 116.7 175.1
115 64.1 54.6 82.0



#5
2-Fluorophenol
Concen: 104.698 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

Tgt Ion:112 Resp: 362187
Ion Ratio Lower Upper
112 100
64 66.4 54.5 81.7
63 36.9 31.9 47.9

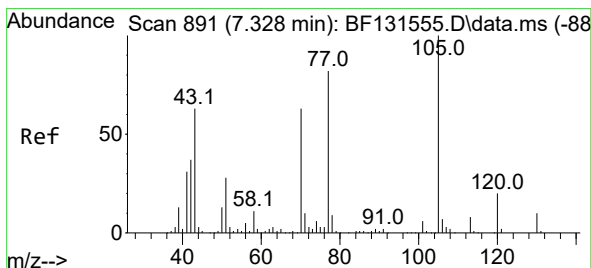
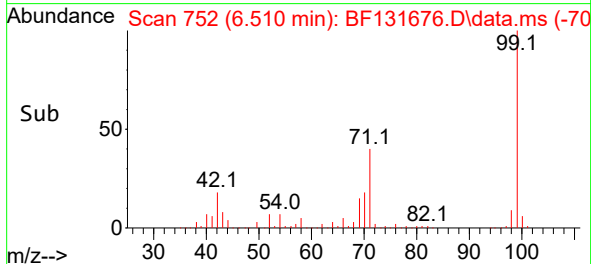
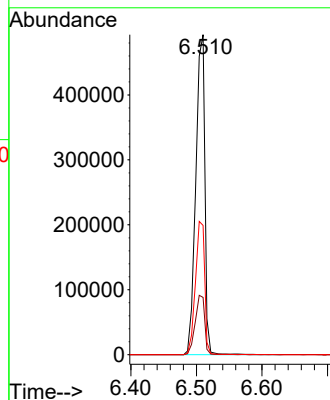
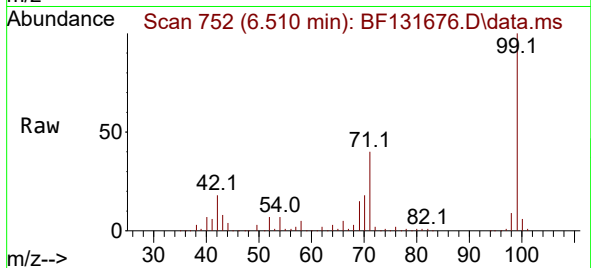




#7
Phenol-d6
Concen: 104.853 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

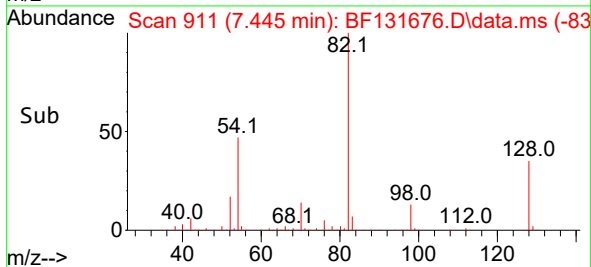
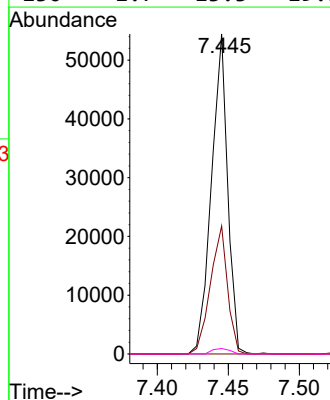
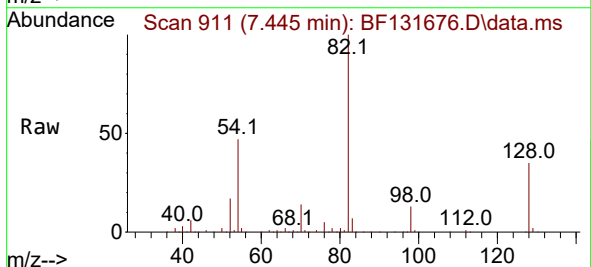
Instrument :
BNA_F
ClientSampleId :
RB-23-(8-10)

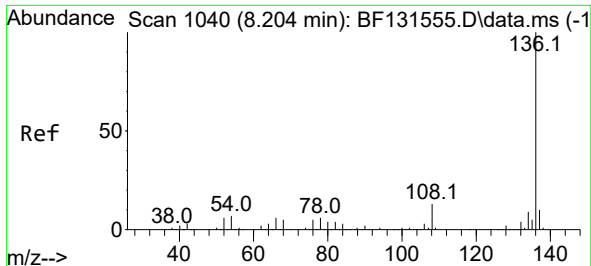
Tgt Ion: 99 Resp: 475323
Ion Ratio Lower Upper
99 100
42 17.9 17.9 26.9#
71 40.4 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.745 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

Tgt Ion: 70 Resp: 43323
Ion Ratio Lower Upper
70 100
42 40.0 46.4 69.6#
101 0.0 7.2 10.8#
130 1.7 13.3 19.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131676.D

Acq: 16 Dec 2022 20:23

Instrument :

BNA_F

ClientSampleId :

RB-23-(8-10)

Tgt Ion:136 Resp: 200895

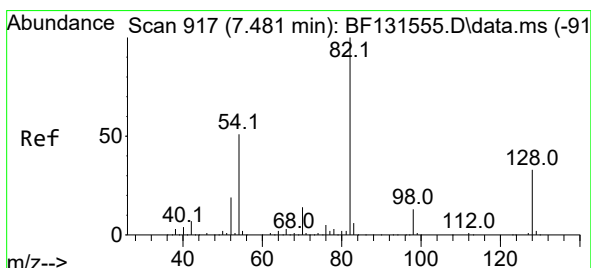
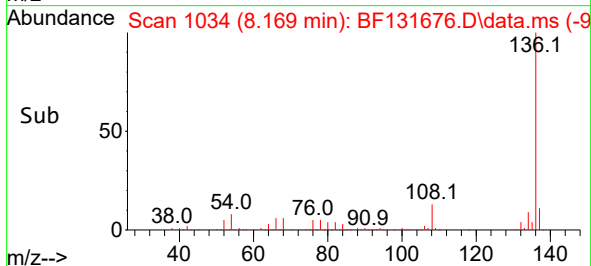
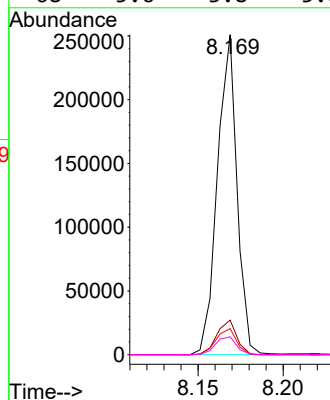
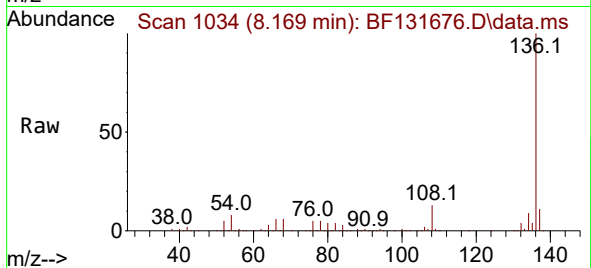
Ion Ratio Lower Upper

136 100

137 10.8 8.1 12.1

54 8.2 6.0 9.0

68 5.6 3.8 5.8



#23

Nitrobenzene-d5

Concen: 59.206 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF131676.D

Acq: 16 Dec 2022 20:23

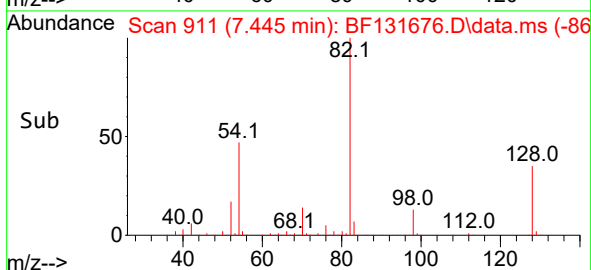
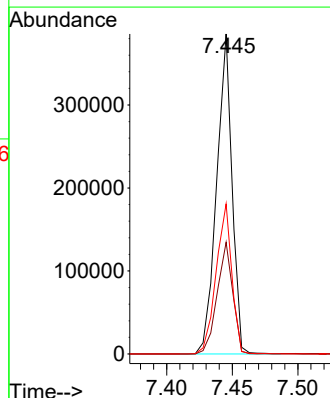
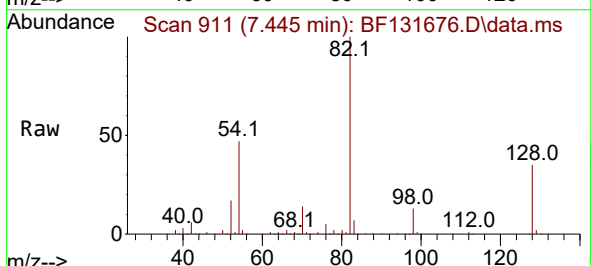
Tgt Ion: 82 Resp: 314604

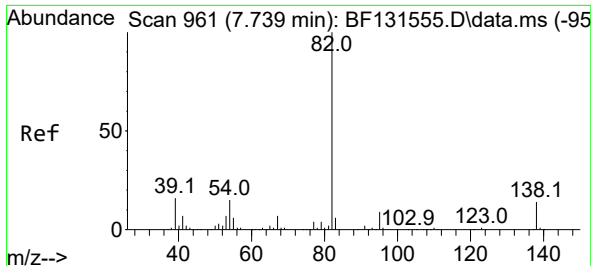
Ion Ratio Lower Upper

82 100

128 34.9 26.1 39.1

54 46.9 40.6 60.8

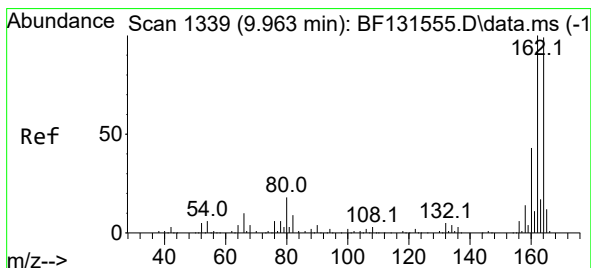
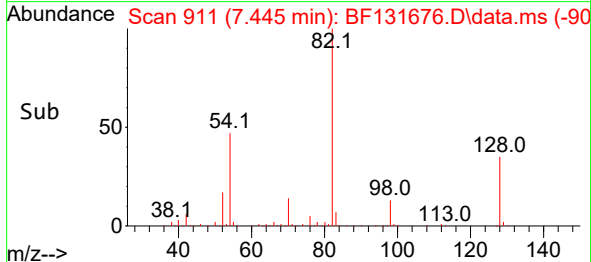
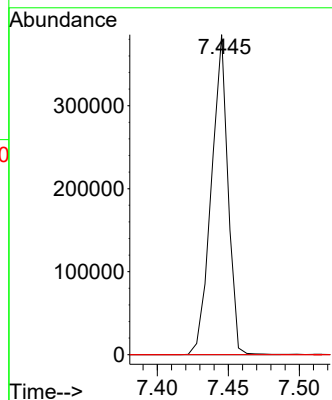
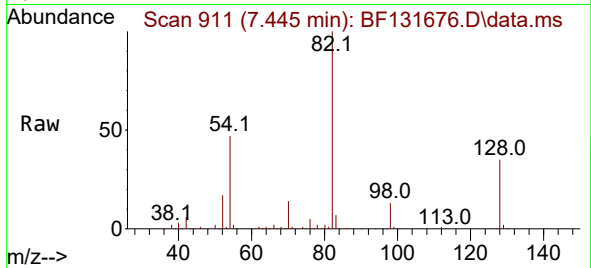




#25
Isophorone
Concen: 36.756 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

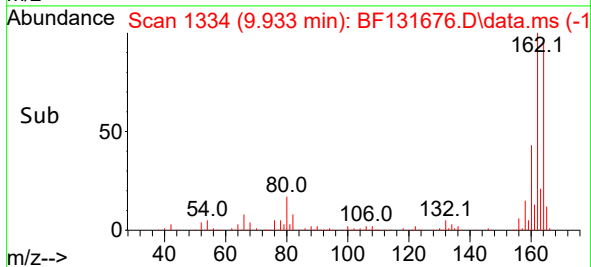
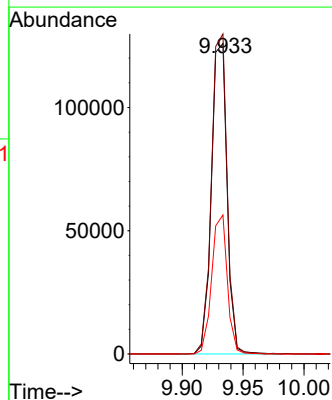
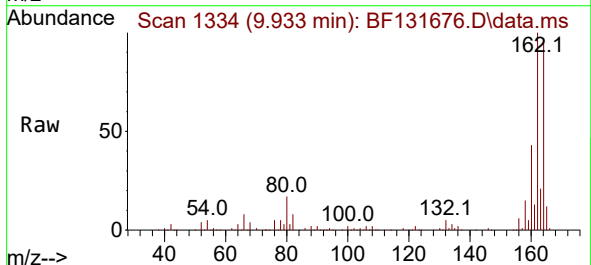
Instrument :
BNA_F
ClientSampleId :
RB-23-(8-10)

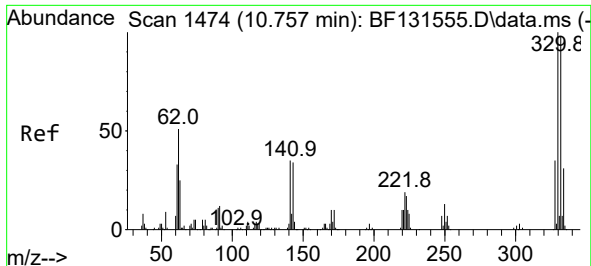
Tgt Ion: 82 Resp: 314598
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

Tgt Ion:164 Resp: 112503
Ion Ratio Lower Upper
164 100
162 103.1 81.0 121.6
160 44.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 95.855 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131676.D

Acq: 16 Dec 2022 20:23

Instrument :

BNA_F

ClientSampleId :

RB-23-(8-10)

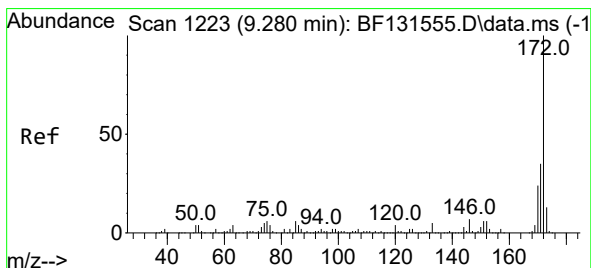
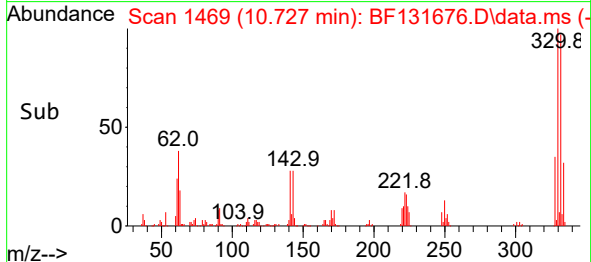
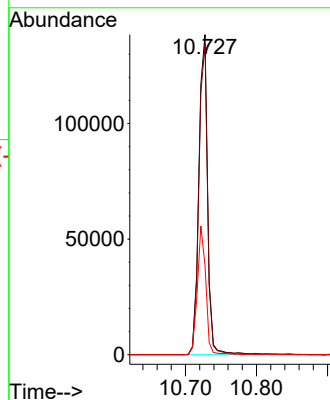
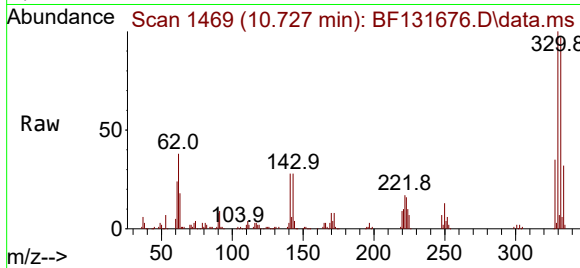
Tgt Ion:330 Resp: 119813

Ion Ratio Lower Upper

330 100

332 95.4 78.3 117.5

141 38.4 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 61.536 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131676.D

Acq: 16 Dec 2022 20:23

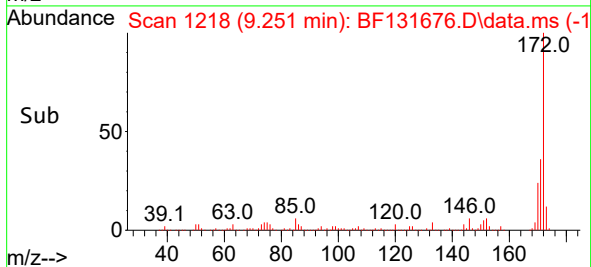
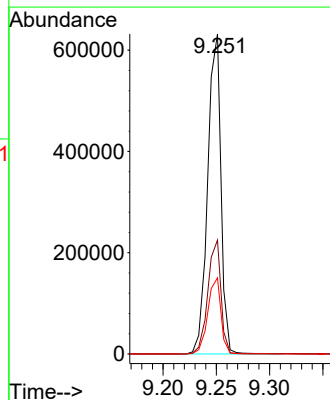
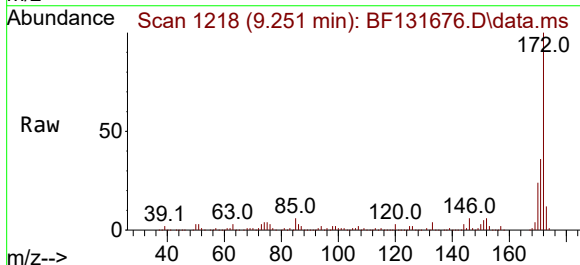
Tgt Ion:172 Resp: 549065

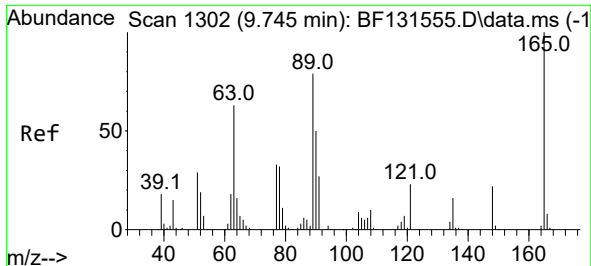
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.8 19.3 28.9

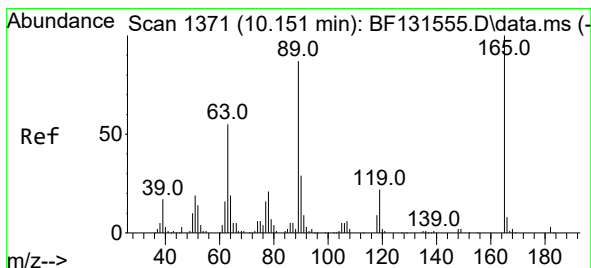
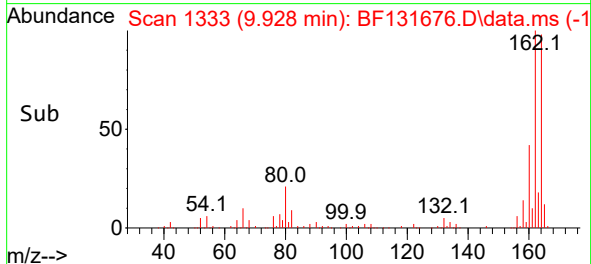
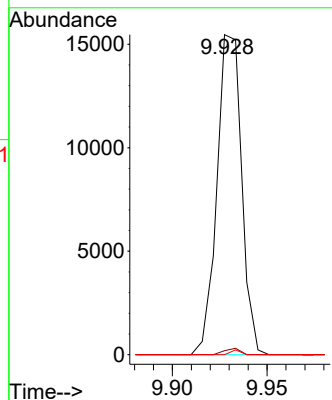
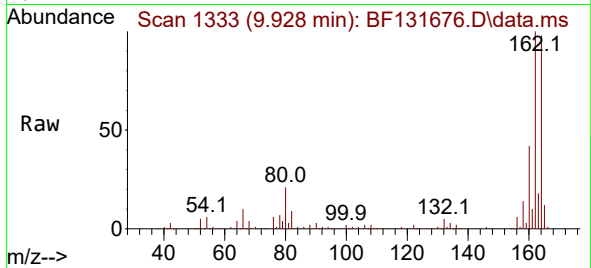




#51
2,6-Dinitrotoluene
Concen: 7.935 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

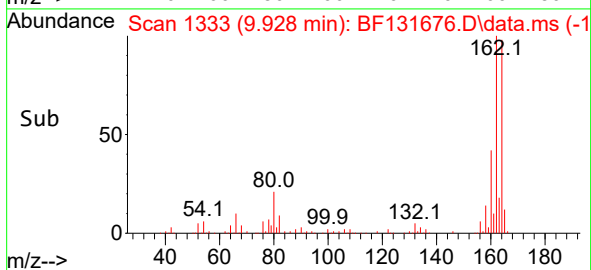
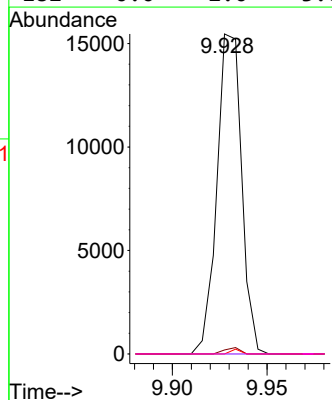
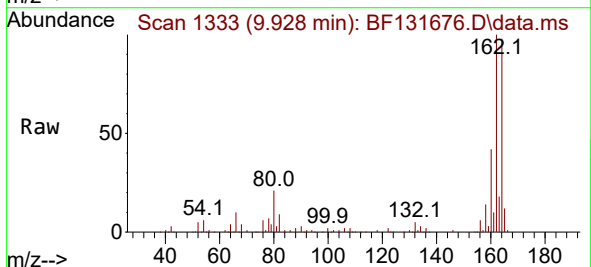
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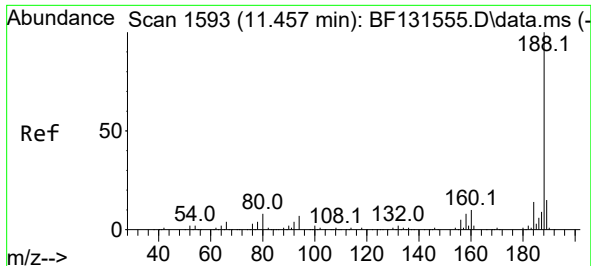
Tgt Ion:165 Resp: 14049
Ion Ratio Lower Upper
165 100
63 1.3 67.9 101.9#
89 0.0 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 5.982 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

Tgt Ion:165 Resp: 14049
Ion Ratio Lower Upper
165 100
63 1.3 44.4 66.6#
89 0.0 69.6 104.4#
182 0.0 2.0 3.0#

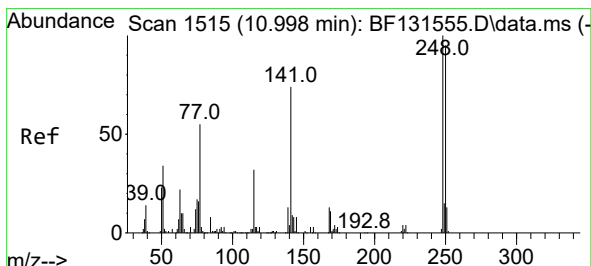
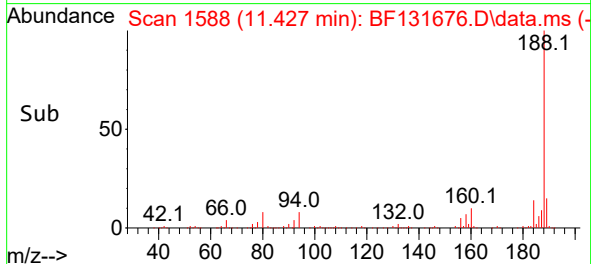
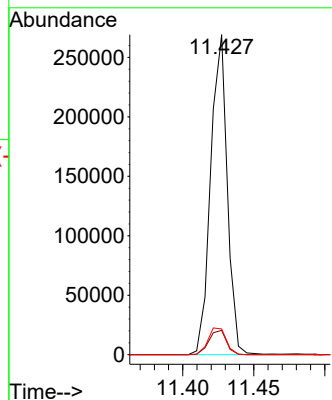
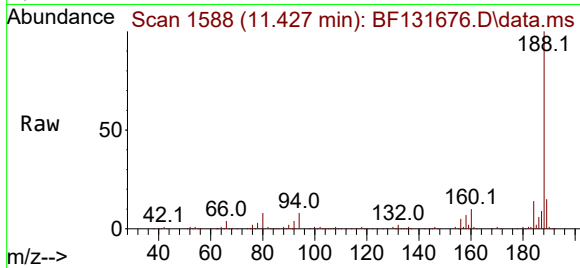




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

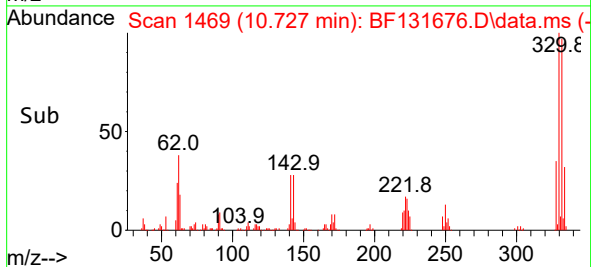
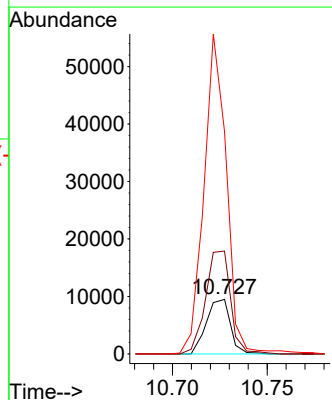
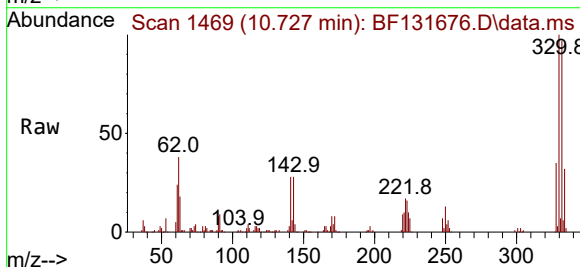
Instrument :
BNA_F
ClientSampleId :
RB-23-(8-10)

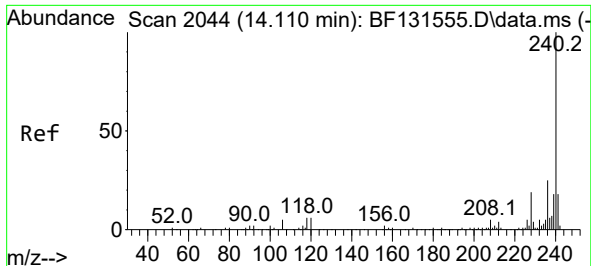
Tgt Ion:188 Resp: 218807
Ion Ratio Lower Upper
188 100
94 7.6 5.5 8.3
80 8.0 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 2.986 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

Tgt Ion:248 Resp: 8405
Ion Ratio Lower Upper
248 100
250 188.4 76.2 114.2#
141 407.5 59.5 89.3#

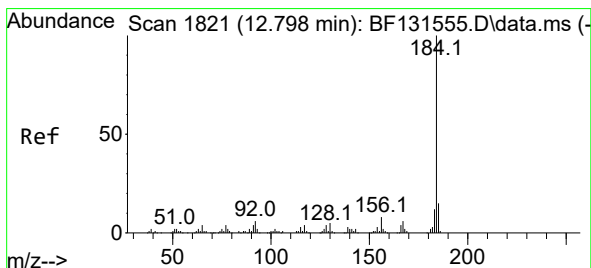
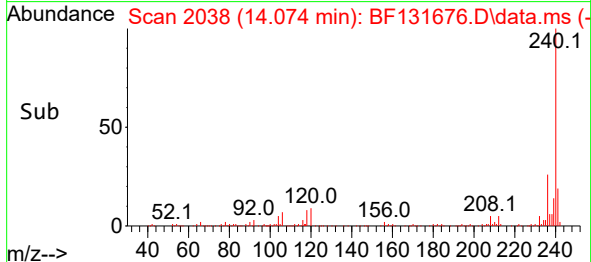
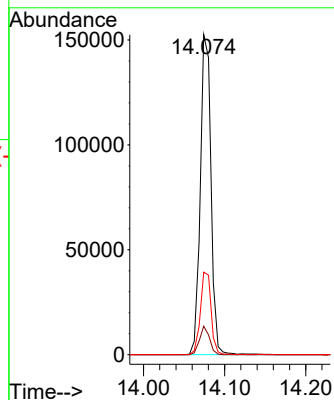
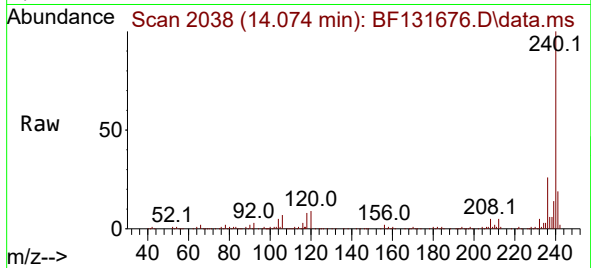




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

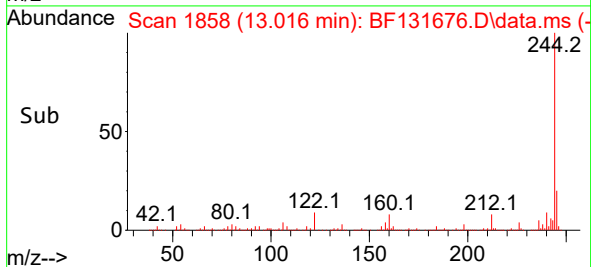
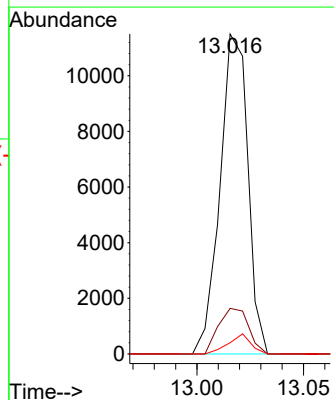
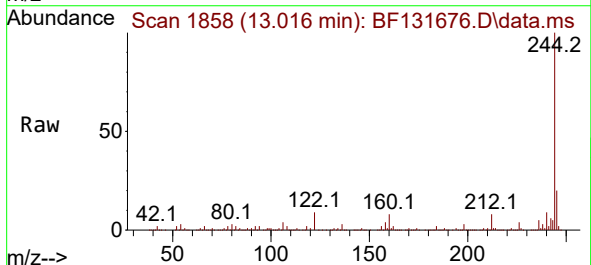
Instrument :
BNA_F
ClientSampleId :
RB-23-(8-10)

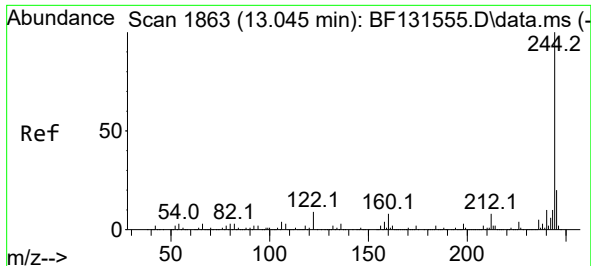
Tgt Ion:240 Resp: 140103
Ion Ratio Lower Upper
240 100
120 8.9 4.6 7.0#
236 25.8 20.2 30.2



#77
Benzidine
Concen: 2.786 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.241 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

Tgt Ion:184 Resp: 10457
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 3.5 9.3 13.9#

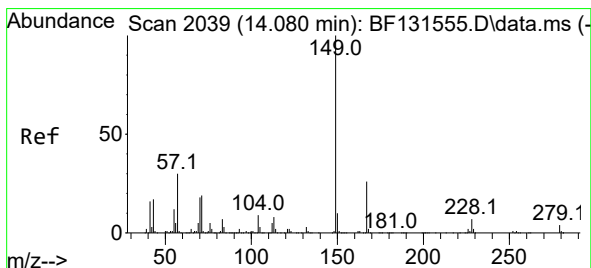
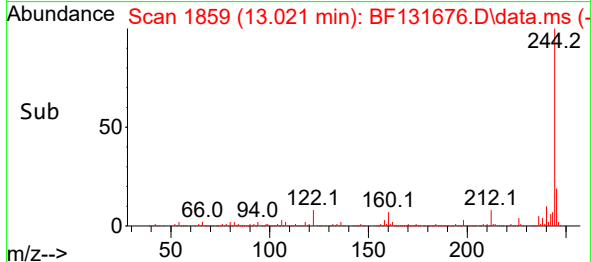
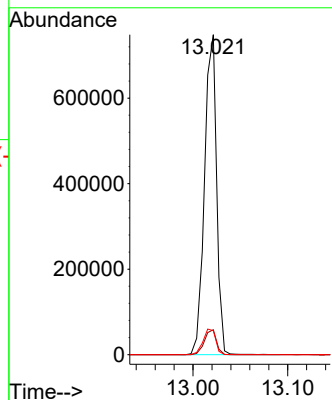
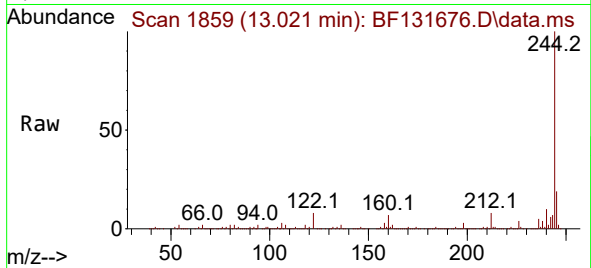




#79
 Terphenyl-d14
 Concen: 65.027 ng
 RT: 13.021 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF131676.D
 Acq: 16 Dec 2022 20:23

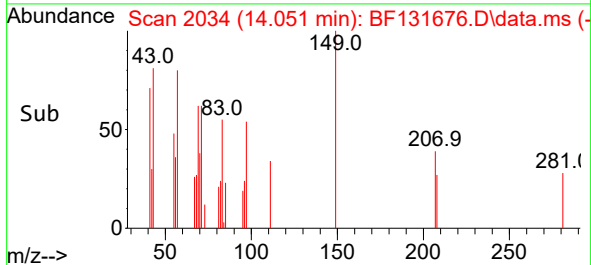
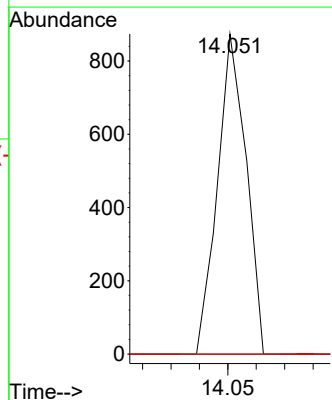
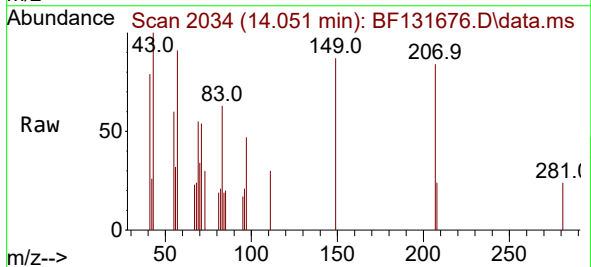
Instrument :
 BNA_F
 ClientSampleId :
 RB-23-(8-10)

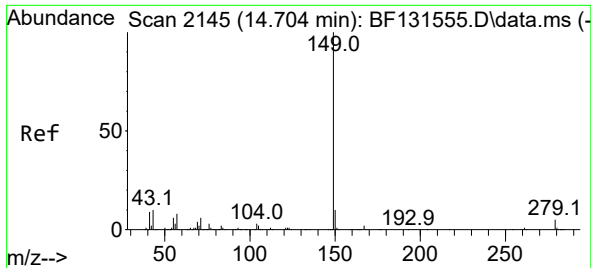
Tgt Ion:244 Resp: 664321
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.5 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.137 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF131676.D
 Acq: 16 Dec 2022 20:23

Tgt Ion:149 Resp: 611
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.8 31.2#
 279 0.0 3.3 4.9#

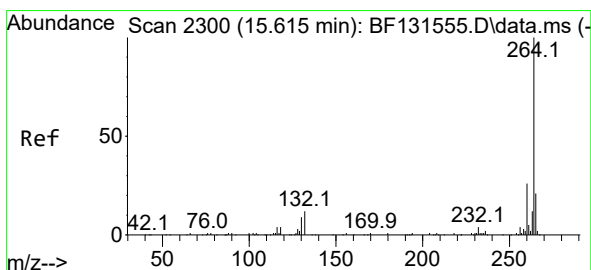
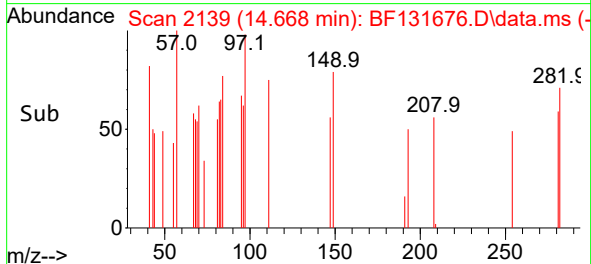
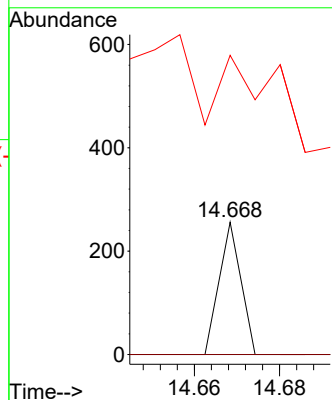
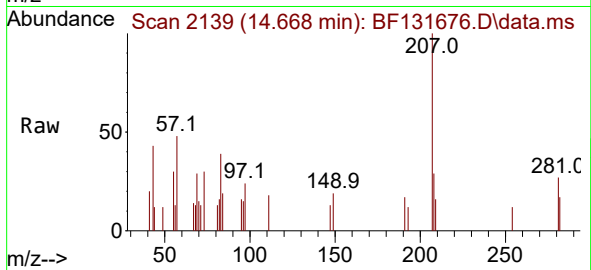




#85
Di-n-octyl phthalate
Concen: 5.228 ng
RT: 14.668 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

Instrument :
BNA_F
ClientSampleId :
RB-23-(8-10)

Tgt Ion:149 Resp: 90
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

Tgt Ion:264 Resp: 131350
Ion Ratio Lower Upper
264 100
260 23.8 20.6 30.8
265 21.5 16.8 25.2

