

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131665.D
 Acq On : 16 Dec 2022 14:19
 Operator : CG\JU
 Sample : N6038-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-36-(3-5)

Quant Time: Dec 16 16:58:20 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)

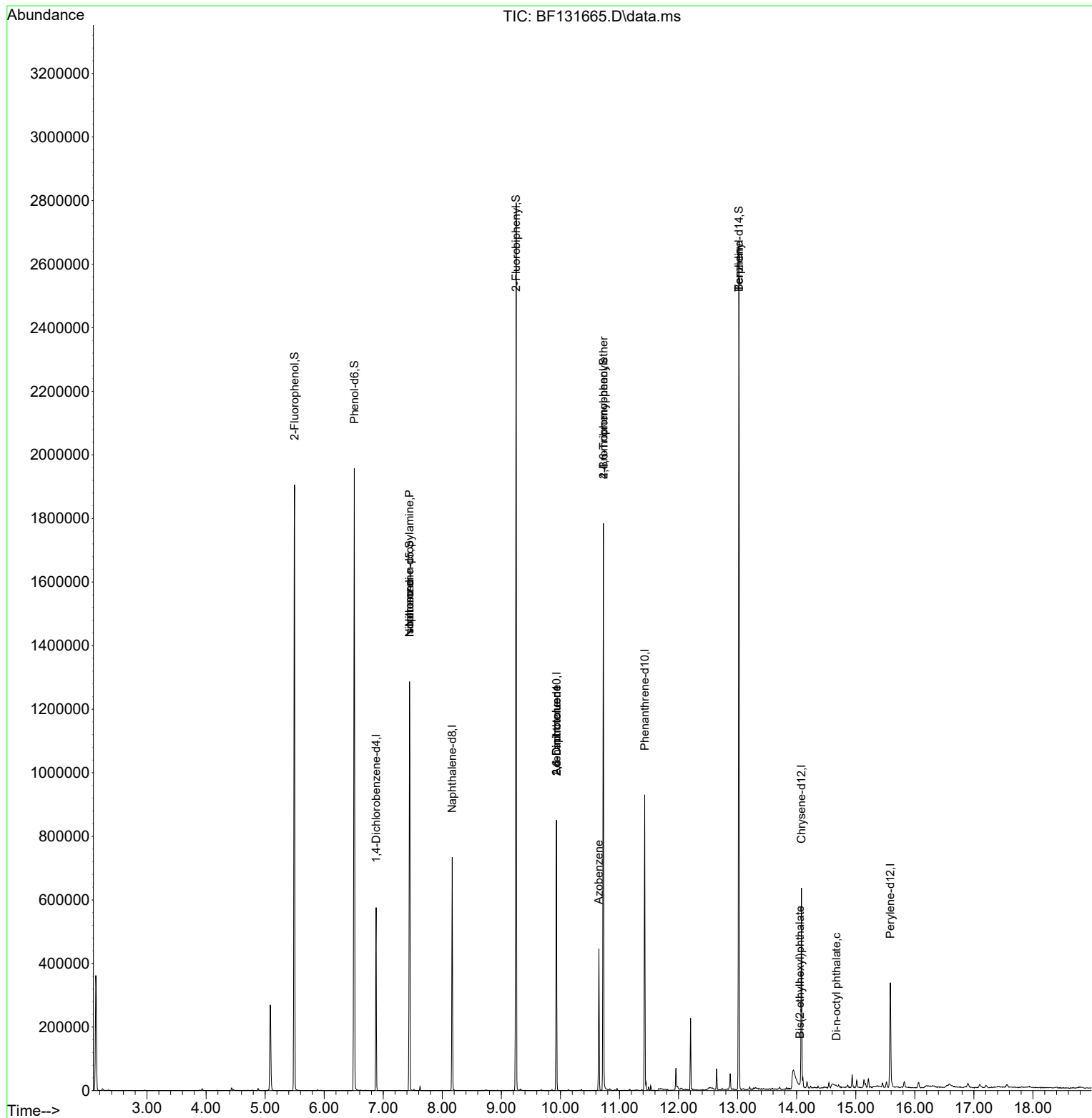
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	74001	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	269520	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	155955	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	300652	20.000	ng	0.00
76) Chrysene-d12	14.080	240	182831	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	156541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	488966	110.233	ng	0.00
7) Phenol-d6	6.510	99	640987	110.273	ng	0.00
23) Nitrobenzene-d5	7.445	82	438854	61.560	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	175823	101.473	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	769167	62.186	ng	0.00
79) Terphenyl-d14	13.021	244	916465	68.743	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	61291	14.062	ng	# 76
25) Isophorone	7.445	82	438849	38.218	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	19164	7.808	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	19164	5.886	ng	# 16
63) Azobenzene	10.651	77	73410	5.642	ng	# 2
67) 4-Bromophenyl-phenylether	10.727	248	12881	3.330	ng	# 1
77) Benzidine	13.021	184	14076	2.873	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.057	149	1412	3.218	ng	# 98
85) Di-n-octyl phthalate	14.674	149	160	5.231	ng	# 74

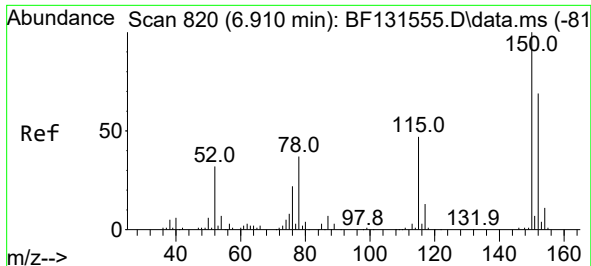
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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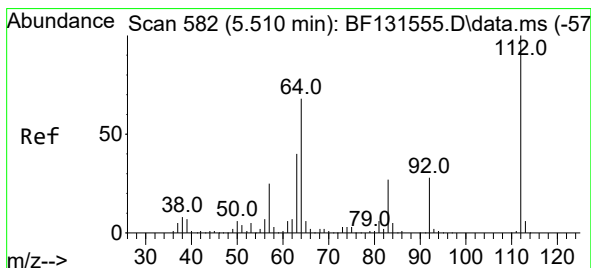
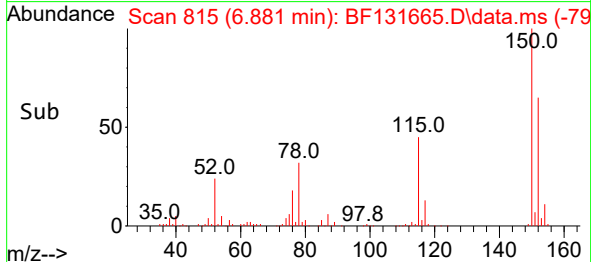
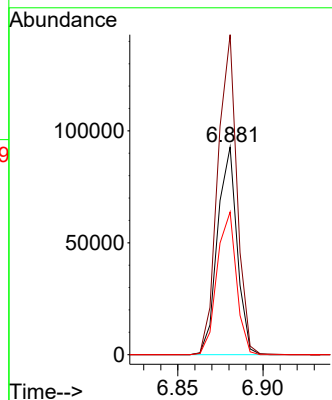
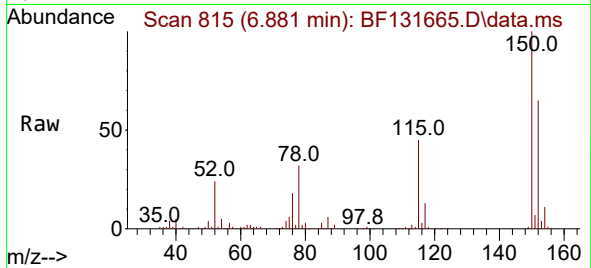




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131665.D
Acq: 16 Dec 2022 14:19

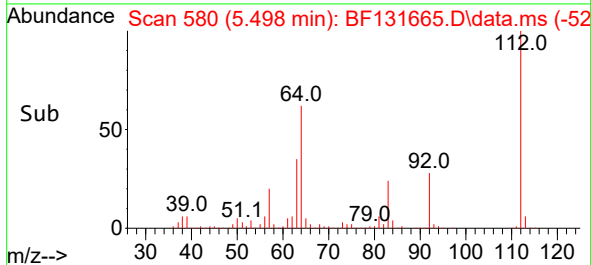
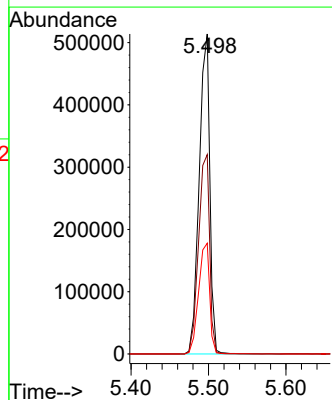
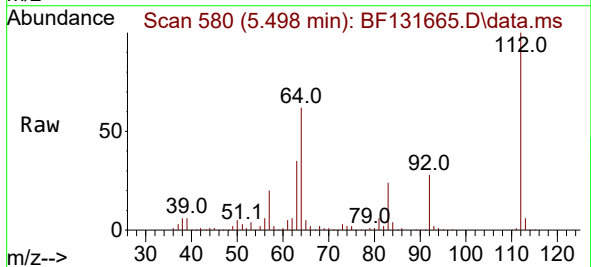
Instrument :
BNA_F
ClientSampleId :
RB-36-(3-5)

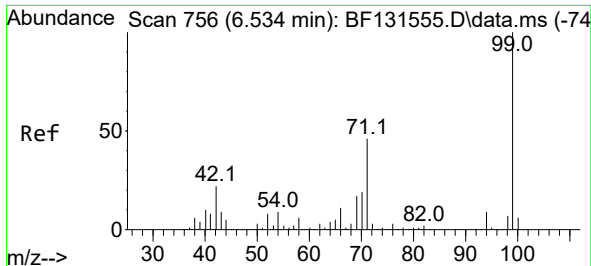
Tgt Ion:152 Resp: 74001
Ion Ratio Lower Upper
152 100
150 154.1 116.7 175.1
115 68.7 54.6 82.0



#5
2-Fluorophenol
Concen: 110.233 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF131665.D
Acq: 16 Dec 2022 14:19

Tgt Ion:112 Resp: 488966
Ion Ratio Lower Upper
112 100
64 62.3 54.5 81.7
63 34.6 31.9 47.9

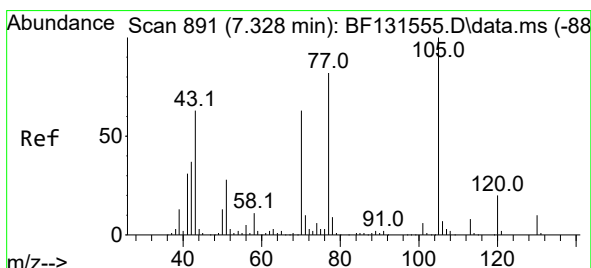
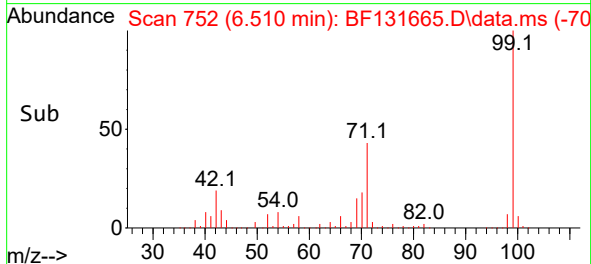
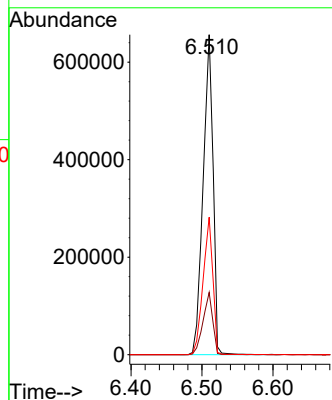
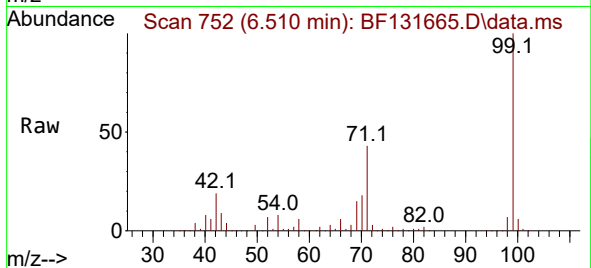




#7
Phenol-d6
Concen: 110.273 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131665.D
Acq: 16 Dec 2022 14:19

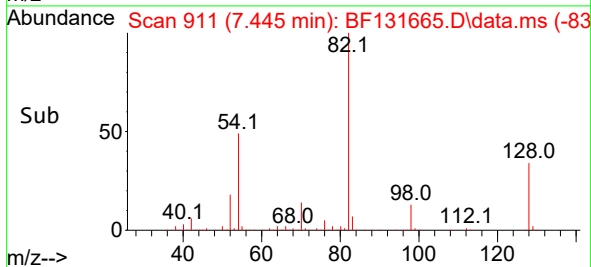
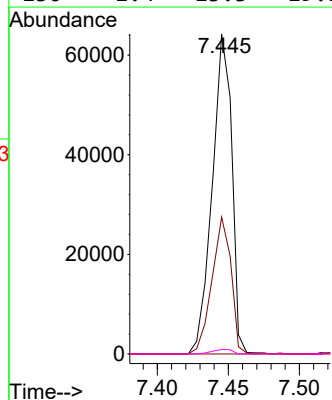
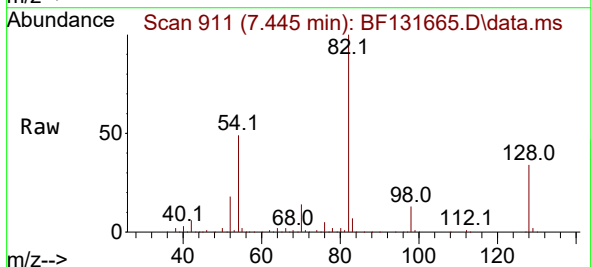
Instrument :
BNA_F
ClientSampleId :
RB-36-(3-5)

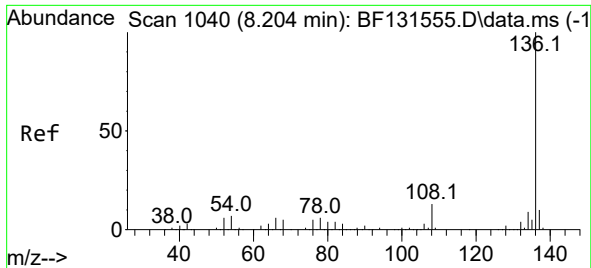
Tgt Ion: 99 Resp: 640987
Ion Ratio Lower Upper
99 100
42 19.5 17.9 26.9
71 43.0 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.062 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131665.D
Acq: 16 Dec 2022 14:19

Tgt Ion: 70 Resp: 61291
Ion Ratio Lower Upper
70 100
42 42.8 46.4 69.6#
101 0.0 7.2 10.8#
130 1.4 13.3 19.9#

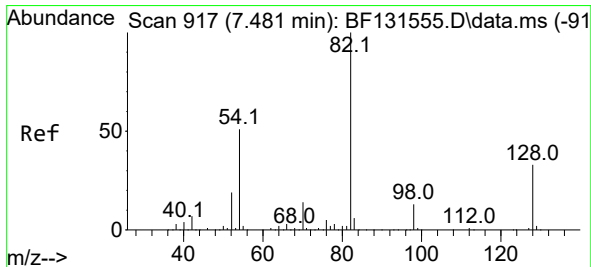
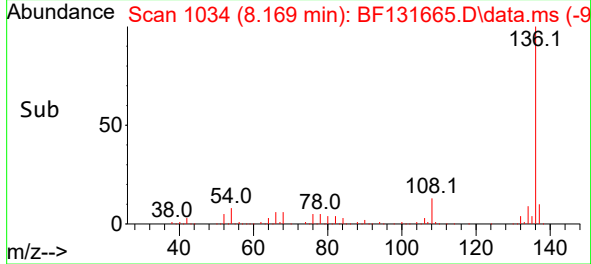
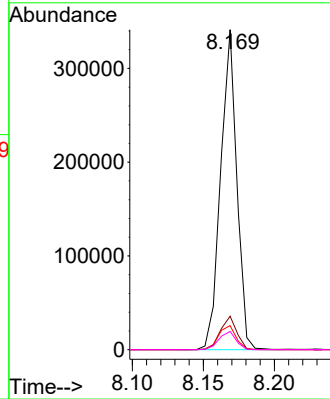
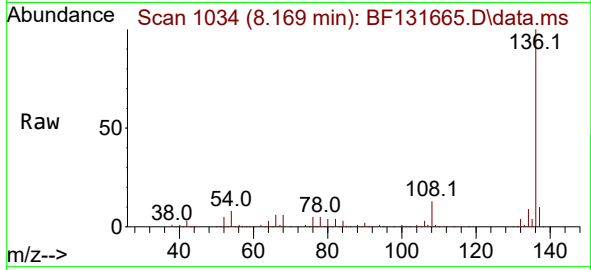




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131665.D
Acq: 16 Dec 2022 14:19

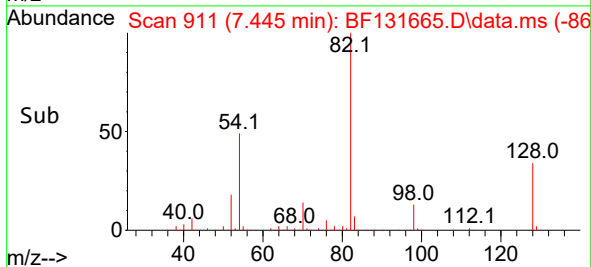
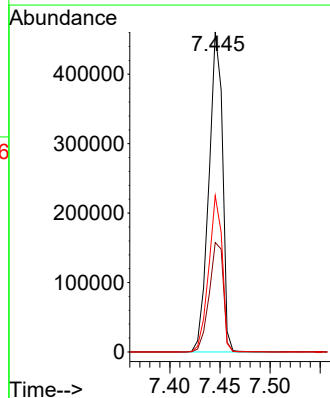
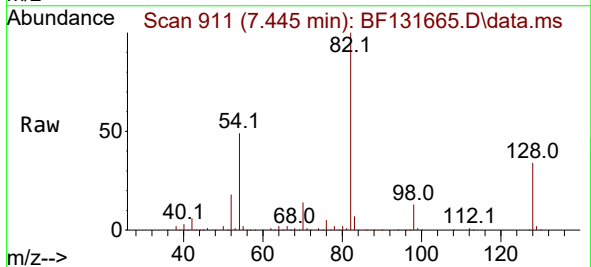
Instrument :
BNA_F
ClientSampleId :
RB-36-(3-5)

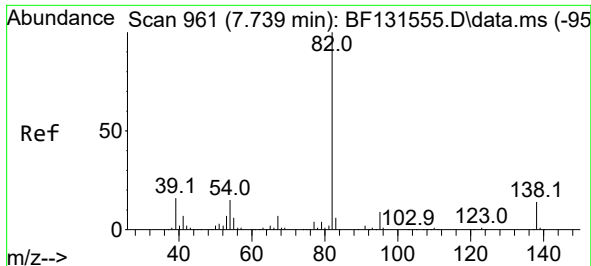
Tgt Ion:136	Resp: 269520
Ion Ratio	Lower Upper
136 100	
137 10.5	8.1 12.1
54 7.5	6.0 9.0
68 5.7	3.8 5.8



#23
Nitrobenzene-d5
Concen: 61.560 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131665.D
Acq: 16 Dec 2022 14:19

Tgt Ion: 82	Resp: 438854
Ion Ratio	Lower Upper
82 100	
128 34.2	26.1 39.1
54 48.9	40.6 60.8

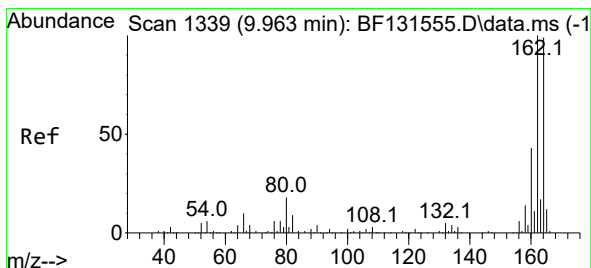
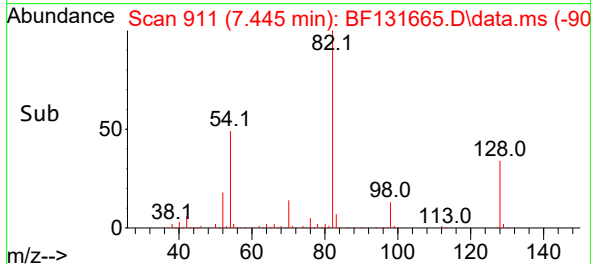
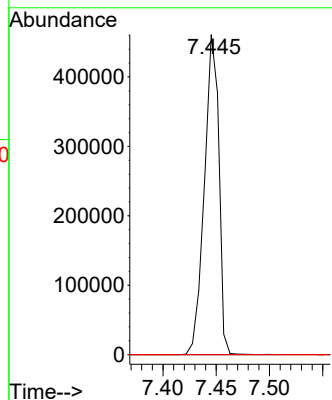
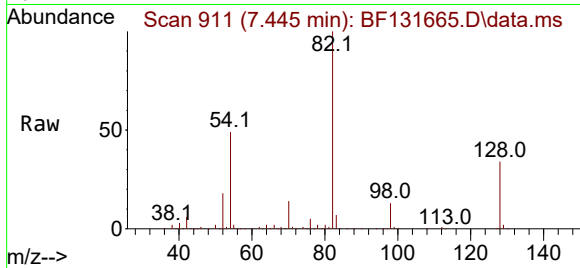




#25
Isophorone
Concen: 38.218 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131665.D
Acq: 16 Dec 2022 14:19

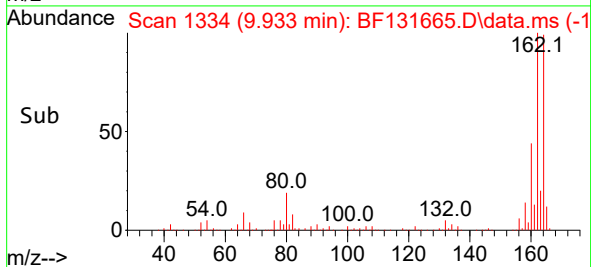
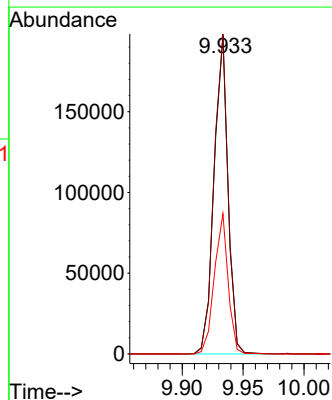
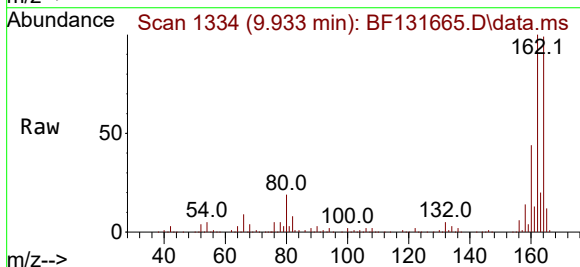
Instrument :
BNA_F
ClientSampleId :
RB-36-(3-5)

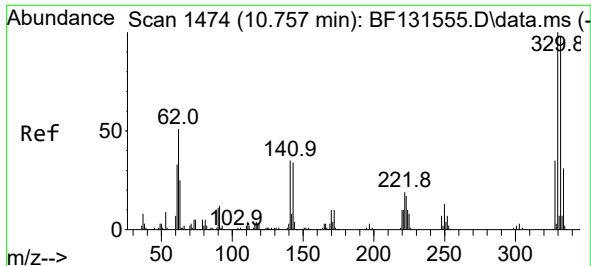
Tgt Ion: 82 Resp: 438849
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131665.D
Acq: 16 Dec 2022 14:19

Tgt Ion:164 Resp: 155955
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.6
160 44.1 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 101.473 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131665.D

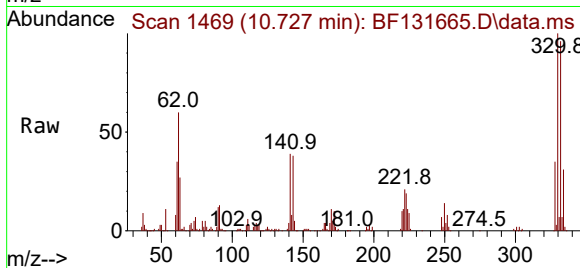
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Instrument :

BNA_F

ClientSampleId :

RB-36-(3-5)



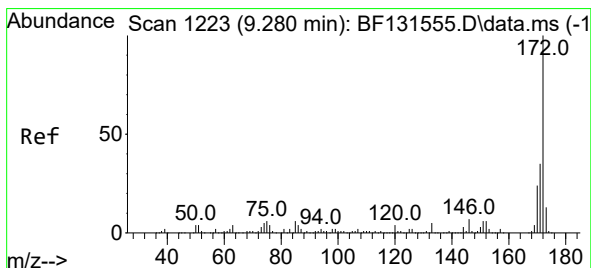
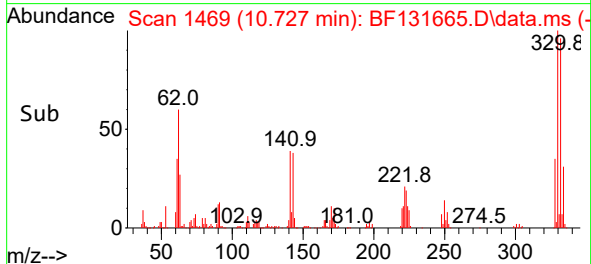
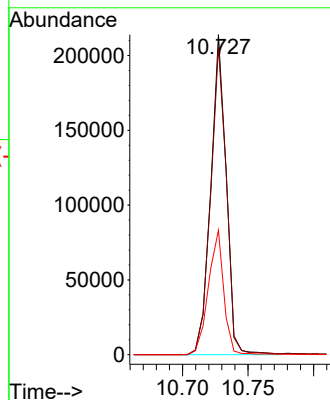
Tgt Ion:330 Resp: 175823

Ion Ratio Lower Upper

330 100

332 99.1 78.3 117.5

141 39.1 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 62.186 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF131665.D

Acq: 16 Dec 2022 14:19

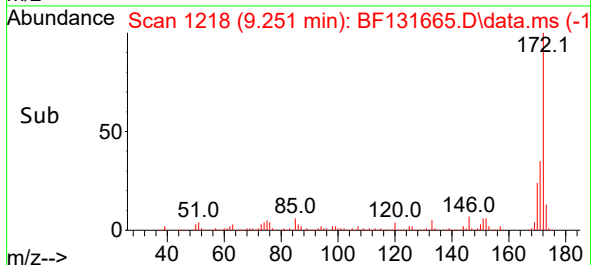
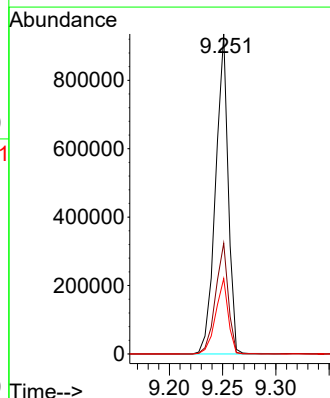
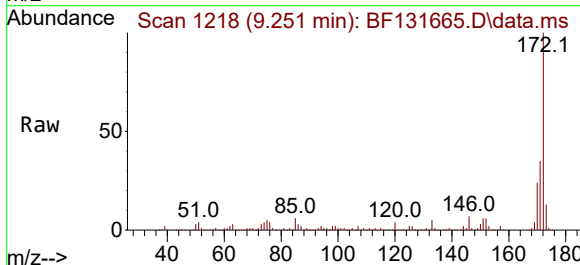
Tgt Ion:172 Resp: 769167

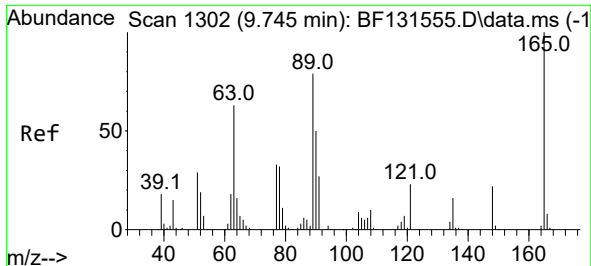
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.6 19.3 28.9

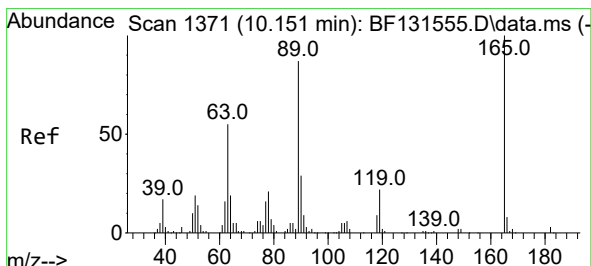
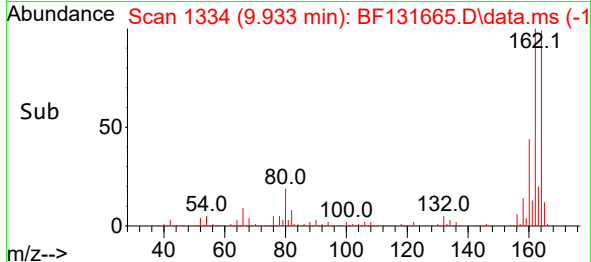
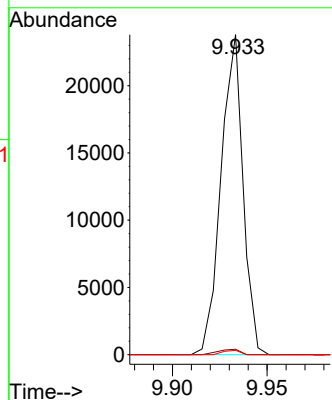
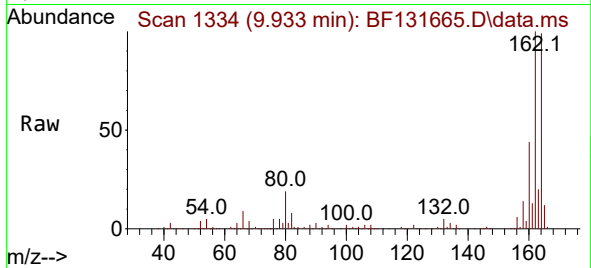




#51
2,6-Dinitrotoluene
Concen: 7.808 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131665.D
Acq: 16 Dec 2022 14:19

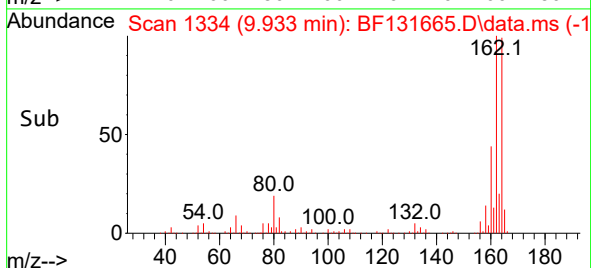
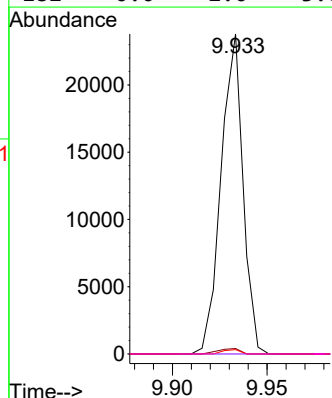
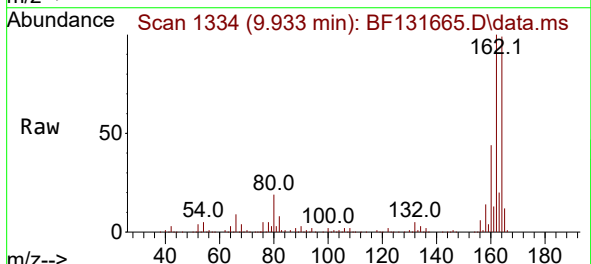
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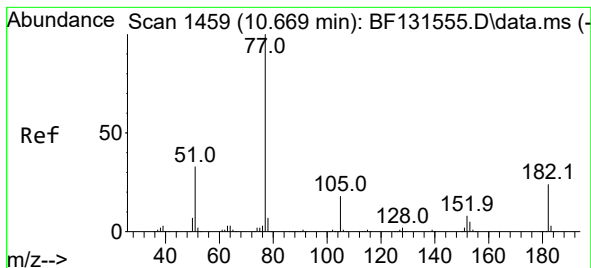
Tgt Ion:165 Resp: 19164
Ion Ratio Lower Upper
165 100
63 1.7 67.9 101.9#
89 1.3 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 5.886 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131665.D
Acq: 16 Dec 2022 14:19

Tgt Ion:165 Resp: 19164
Ion Ratio Lower Upper
165 100
63 1.7 44.4 66.6#
89 1.3 69.6 104.4#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 5.642 ng

RT: 10.651 min Scan# 14

Delta R.T. 0.012 min

Lab File: BF131665.D

Acq: 16 Dec 2022 14:19

Instrument :

BNA_F

ClientSampleId :

RB-36-(3-5)

Tgt Ion: 77 Resp: 73410

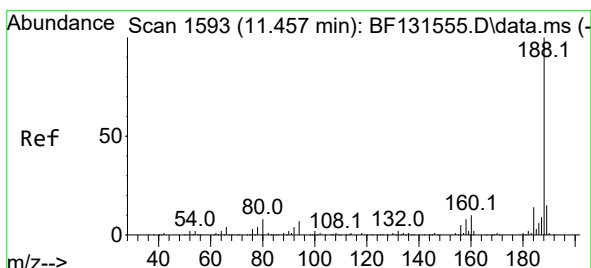
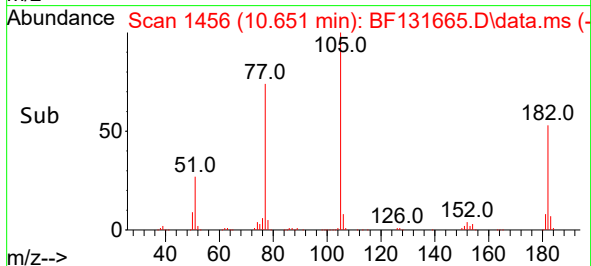
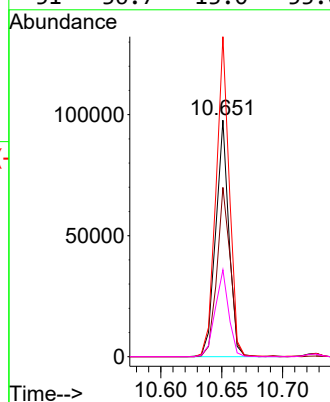
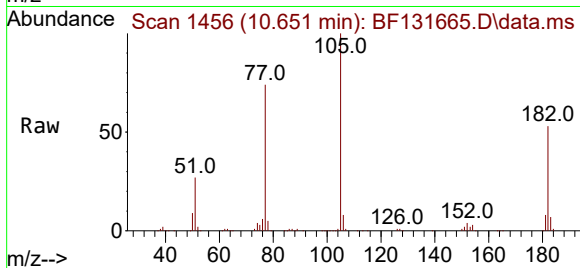
Ion Ratio Lower Upper

77 100

182 71.6 3.9 43.9#

105 135.3 0.0 38.3#

51 36.7 13.0 53.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.000 min

Lab File: BF131665.D

Acq: 16 Dec 2022 14:19

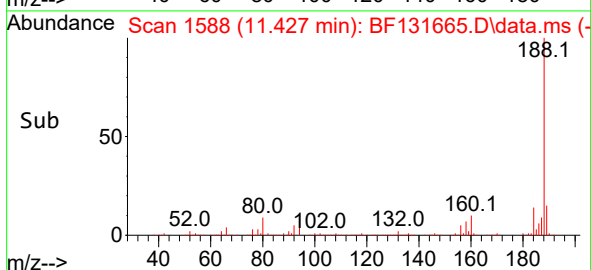
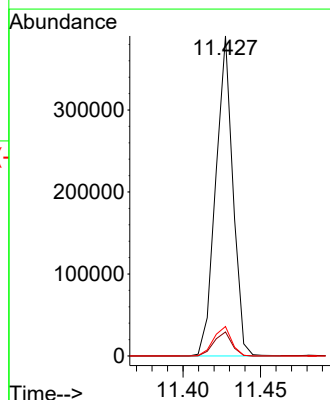
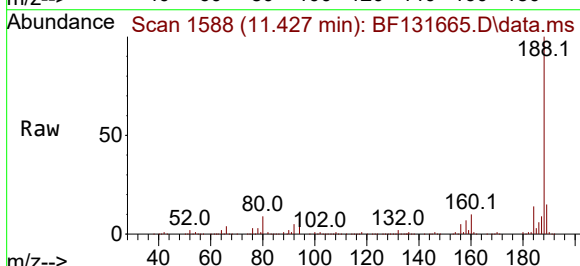
Tgt Ion:188 Resp: 300652

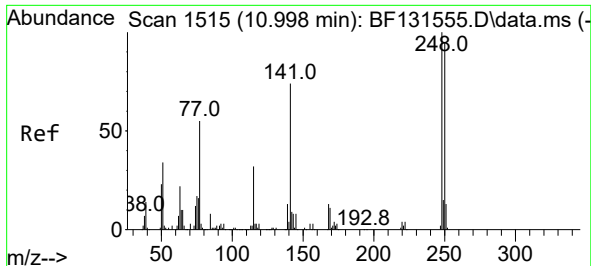
Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

80 9.2 6.6 10.0





#67

4-Bromophenyl-phenylether

Concen: 3.330 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.241 min

Lab File: BF131665.D

Acq: 16 Dec 2022 14:19

Instrument :

BNA_F

ClientSampleId :

RB-36-(3-5)

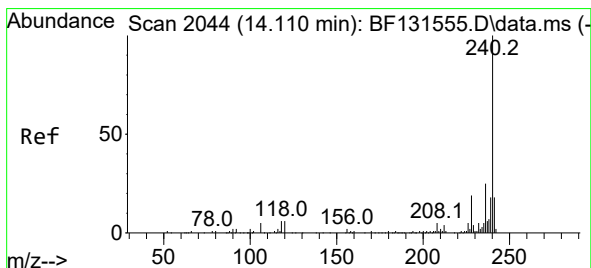
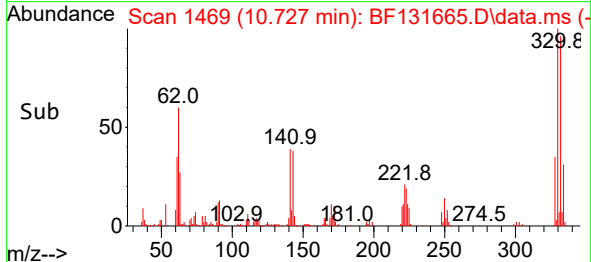
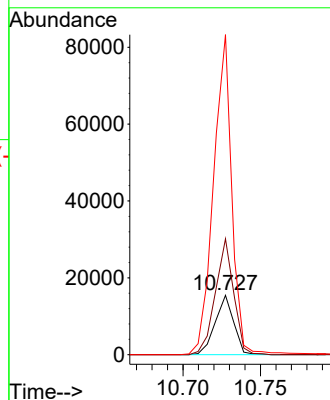
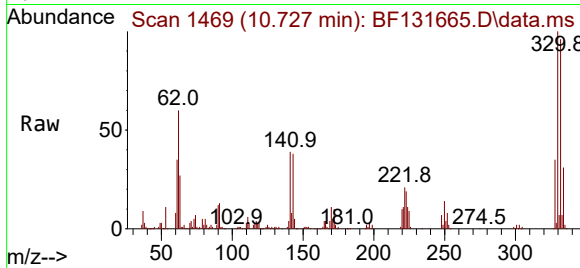
Tgt Ion:248 Resp: 12881

Ion Ratio Lower Upper

248 100

250 195.1 76.2 114.2#

141 538.8 59.5 89.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF131665.D

Acq: 16 Dec 2022 14:19

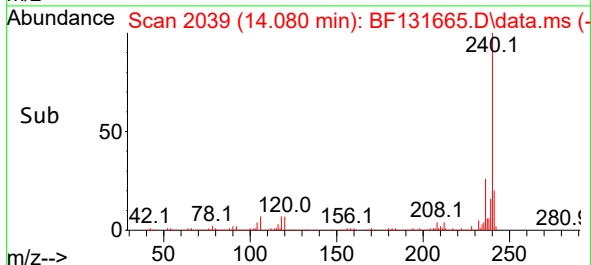
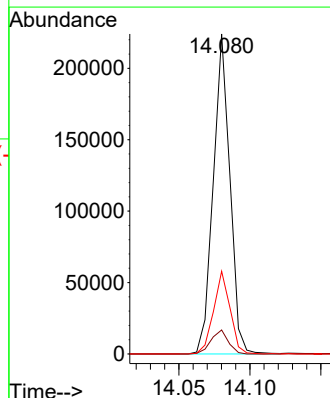
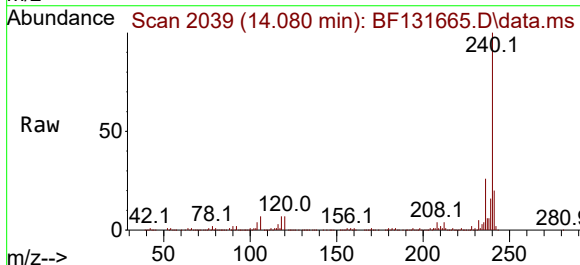
Tgt Ion:240 Resp: 182831

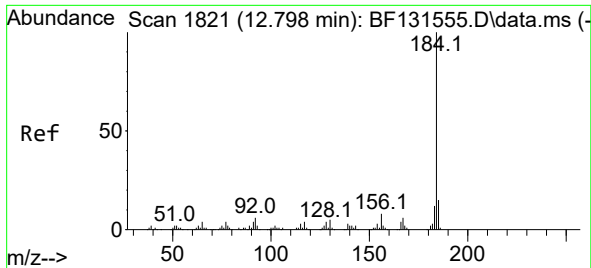
Ion Ratio Lower Upper

240 100

120 7.5 4.6 7.0#

236 25.9 20.2 30.2

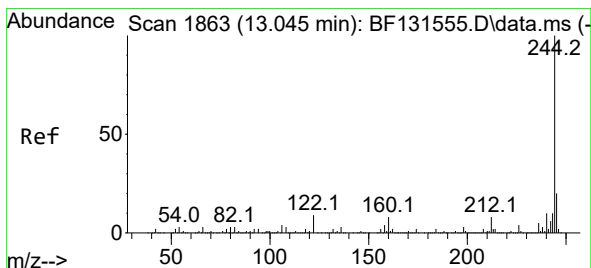
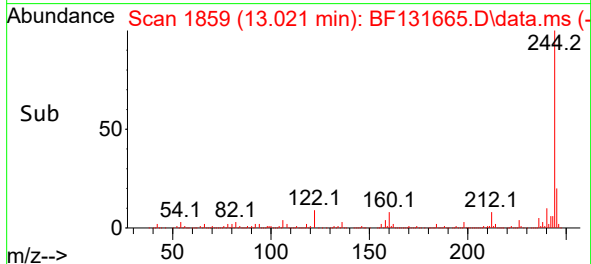
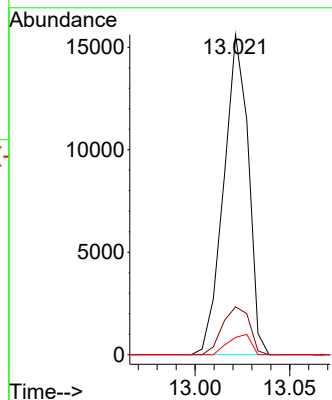
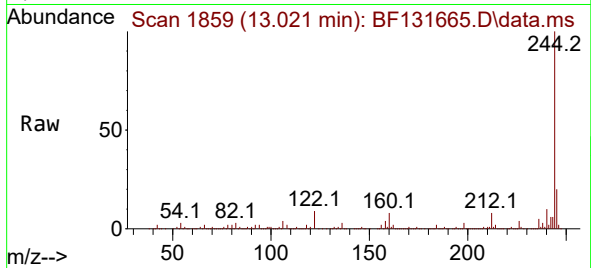




#77
Benzidine
Concen: 2.873 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131665.D
Acq: 16 Dec 2022 14:19

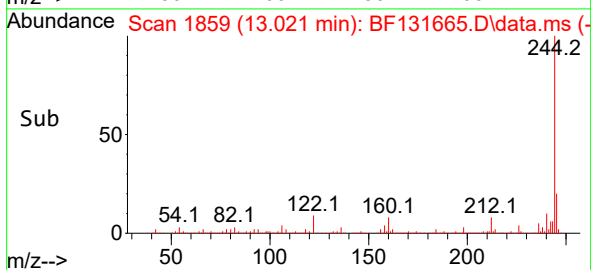
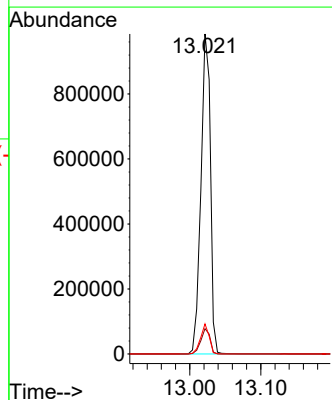
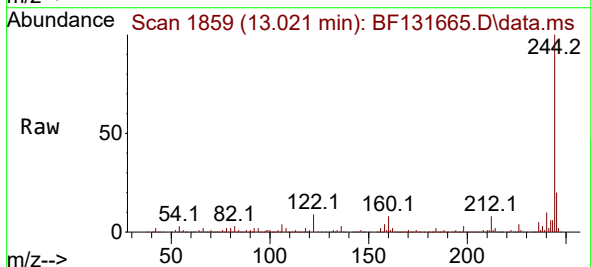
Instrument :
BNA_F
ClientSampleId :
RB-36-(3-5)

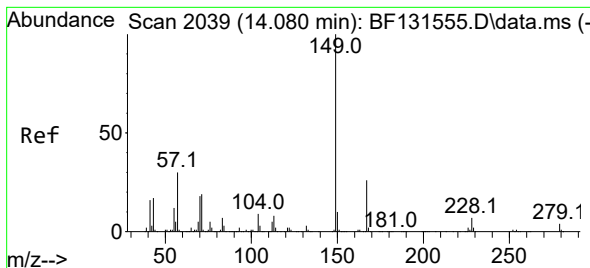
Tgt Ion:184 Resp: 14076
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.2
183 5.4 9.3 13.9#



#79
Terphenyl-d14
Concen: 68.743 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF131665.D
Acq: 16 Dec 2022 14:19

Tgt Ion:244 Resp: 916465
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.4 7.1 10.7

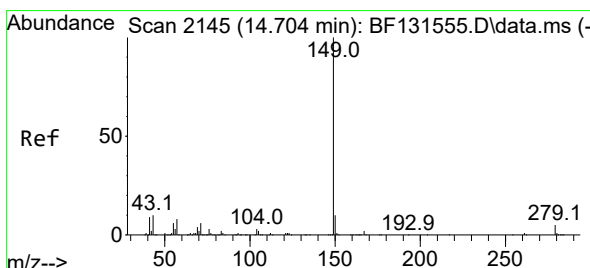
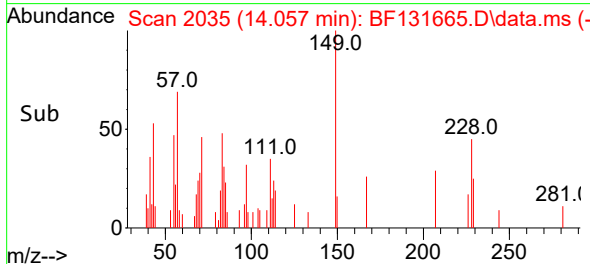
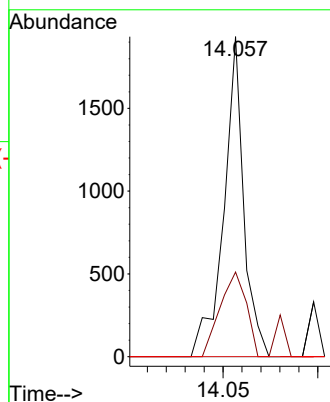
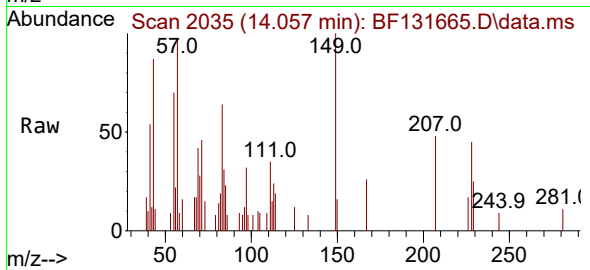




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.218 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.000 min
 Lab File: BF131665.D
 Acq: 16 Dec 2022 14:19

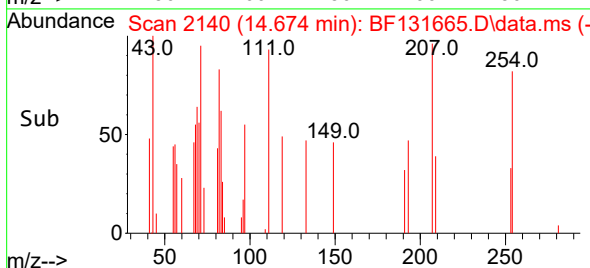
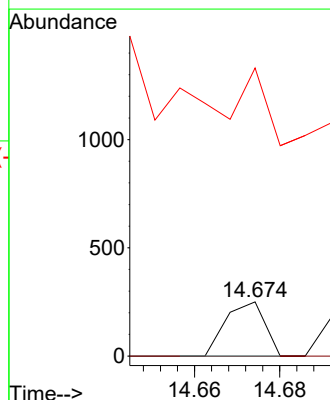
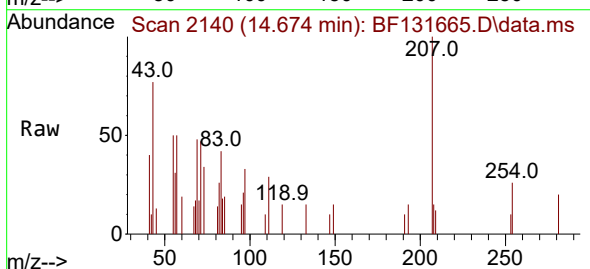
Instrument :
 BNA_F
 ClientSampleId :
 RB-36-(3-5)

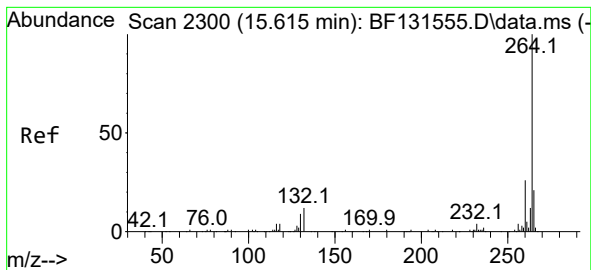
Tgt Ion:149 Resp: 1412
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.8 31.2
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 5.231 ng
 RT: 14.674 min Scan# 2140
 Delta R.T. -0.000 min
 Lab File: BF131665.D
 Acq: 16 Dec 2022 14:19

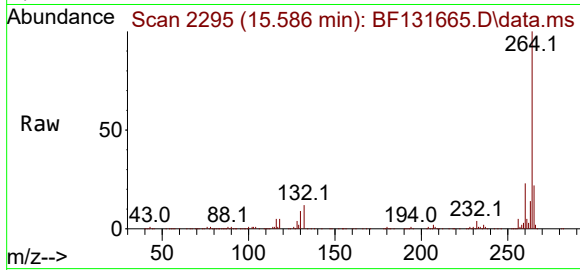
Tgt Ion:149 Resp: 160
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 8.6 13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131665.D
Acq: 16 Dec 2022 14:19

Instrument :
BNA_F
ClientSampleId :
RB-36-(3-5)



Tgt Ion:264 Resp: 156541
Ion Ratio Lower Upper
264 100
260 23.3 20.6 30.8
265 21.8 16.8 25.2

