

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131611.D
 Acq On : 13 Dec 2022 14:18
 Operator : CG\JU
 Sample : PB149584BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149584BL

Quant Time: Dec 14 03:31:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

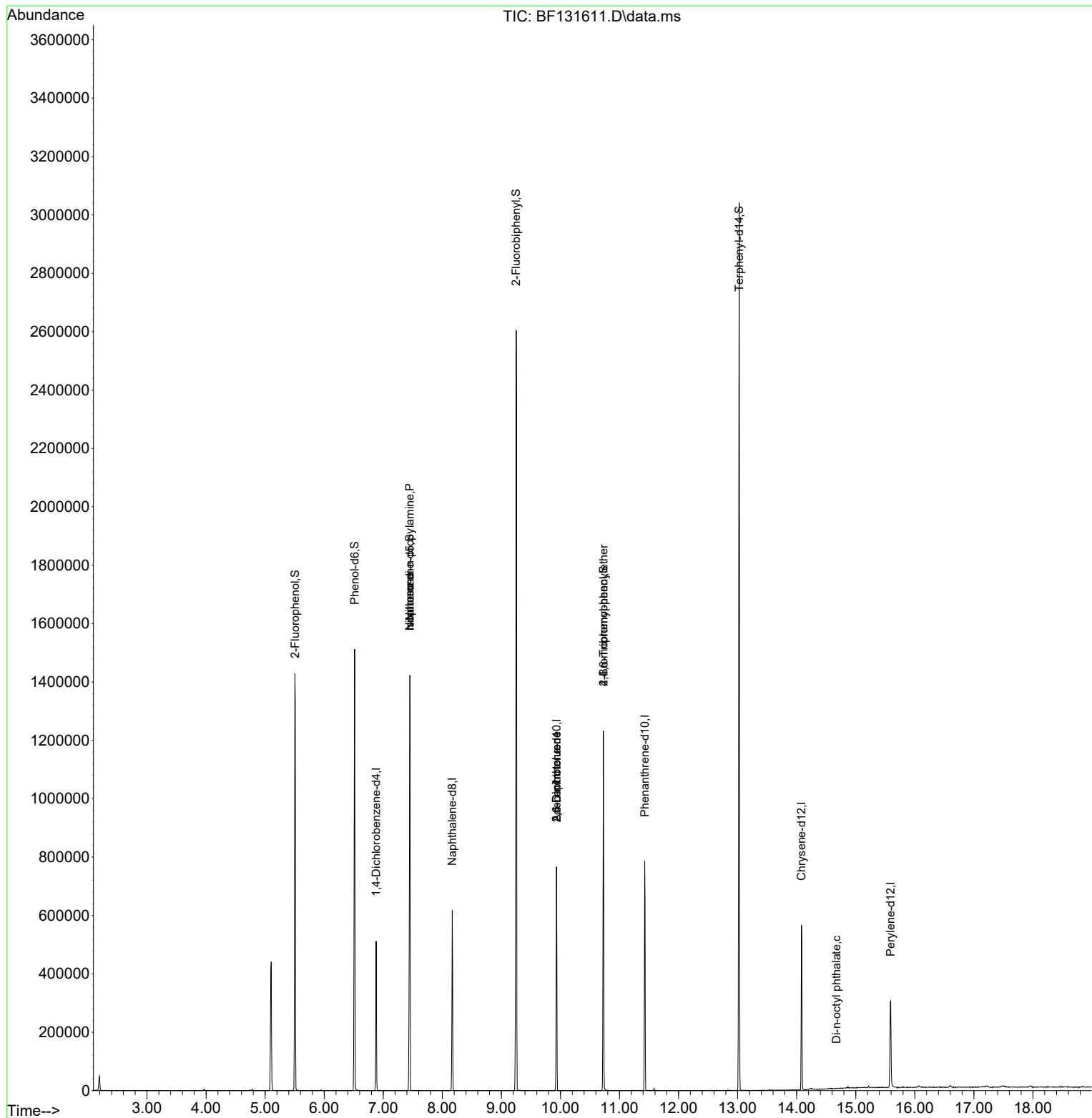
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	63151	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	240823	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	142671	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	285924	20.000	ng	0.00
76) Chrysene-d12	14.080	240	197782	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	146088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	355330	93.869	ng	0.01
7) Phenol-d6	6.516	99	456377	92.003	ng	0.00
23) Nitrobenzene-d5	7.451	82	477161	74.909	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	123150	77.691	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	834157	73.720	ng	0.00
79) Terphenyl-d14	13.027	244	1026232	71.158	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	66599	17.905	ng	# 76
25) Isophorone	7.451	82	477155	46.505	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	18732	8.343	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	18732	6.289	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	8329	2.264	ng	# 1
85) Di-n-octyl phthalate	14.674	149	84	5.225	ng	# 1

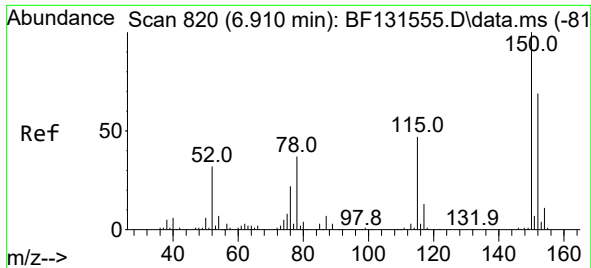
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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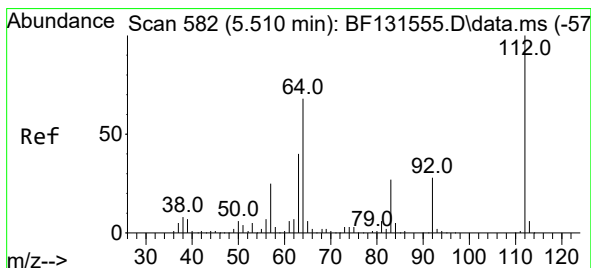
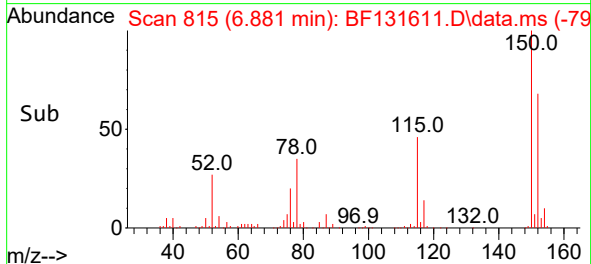
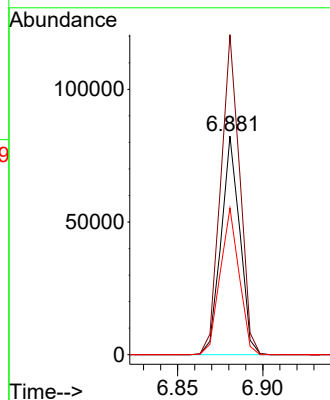
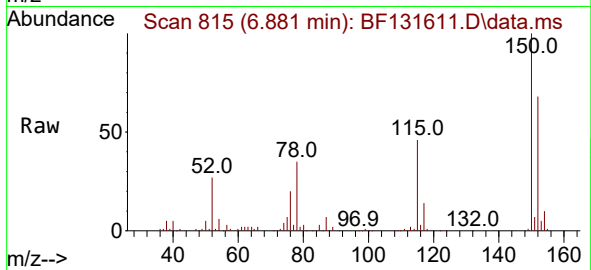




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131611.D
Acq: 13 Dec 2022 14:18

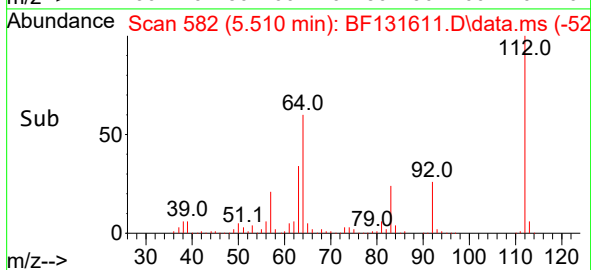
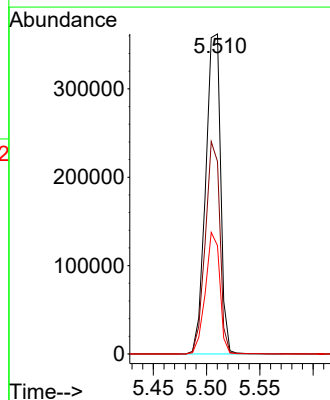
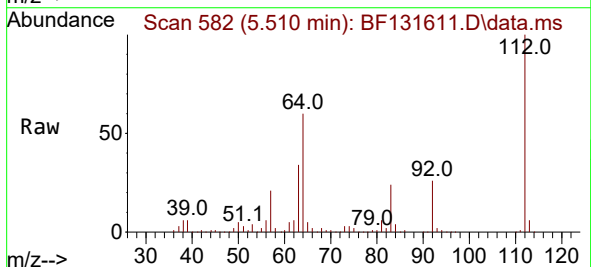
Instrument :
BNA_F
ClientSampleId :
PB149584BL

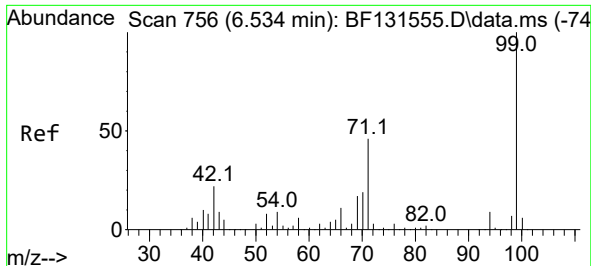
Tgt Ion:152 Resp: 63151
Ion Ratio Lower Upper
152 100
150 146.4 116.7 175.1
115 67.1 54.6 82.0



#5
2-Fluorophenol
Concen: 93.869 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131611.D
Acq: 13 Dec 2022 14:18

Tgt Ion:112 Resp: 355330
Ion Ratio Lower Upper
112 100
64 60.2 54.5 81.7
63 33.8 31.9 47.9

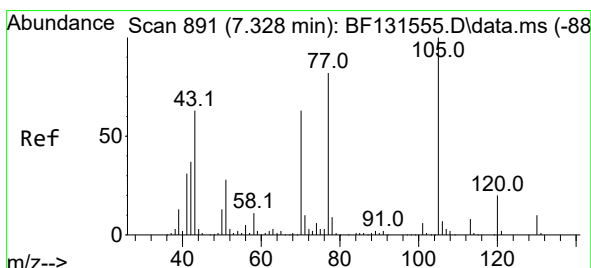
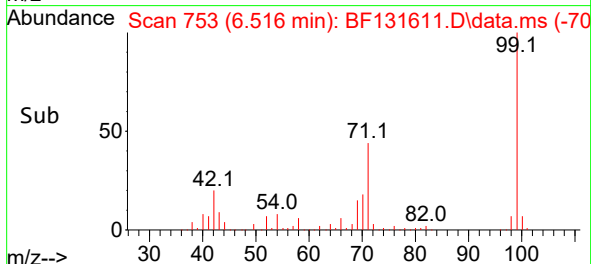
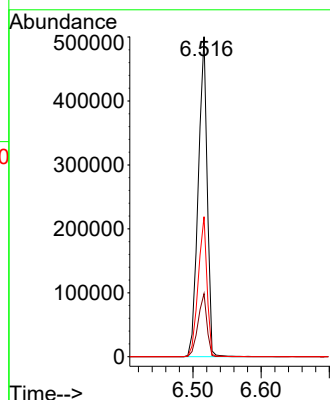
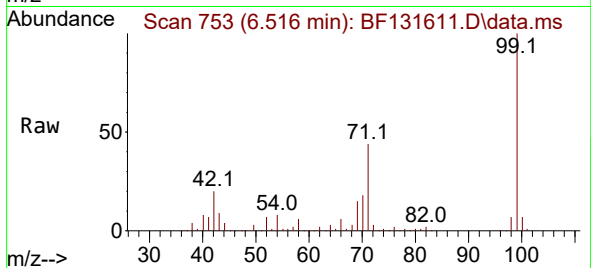




#7
Phenol-d6
Concen: 92.003 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131611.D
Acq: 13 Dec 2022 14:18

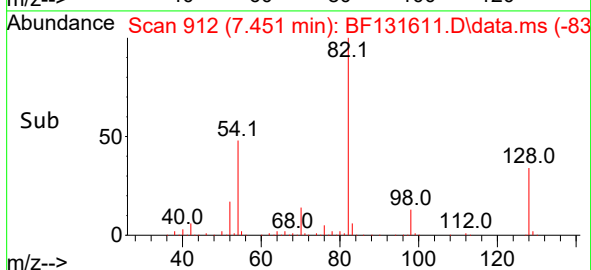
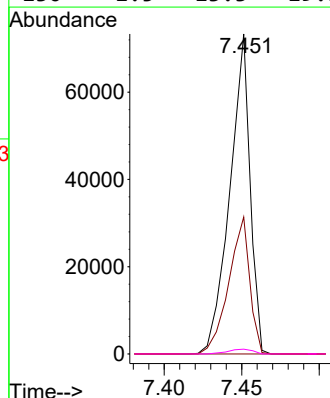
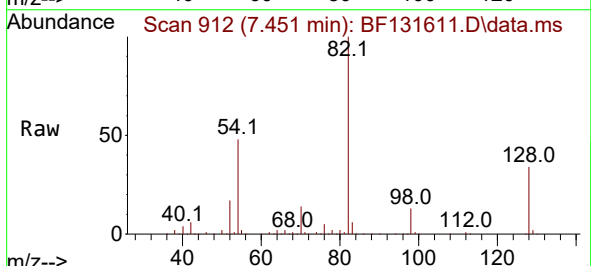
Instrument :
BNA_F
ClientSampleId :
PB149584BL

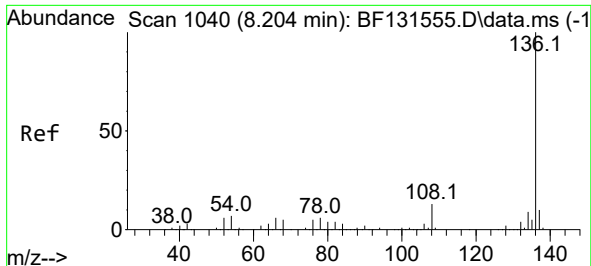
Tgt Ion: 99 Resp: 456377
Ion Ratio Lower Upper
99 100
42 19.7 17.9 26.9
71 43.8 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.905 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131611.D
Acq: 13 Dec 2022 14:18

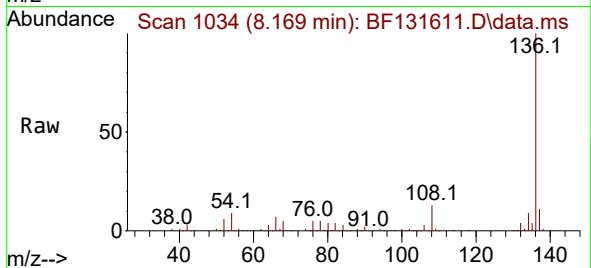
Tgt Ion: 70 Resp: 66599
Ion Ratio Lower Upper
70 100
42 42.8 46.4 69.6#
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#



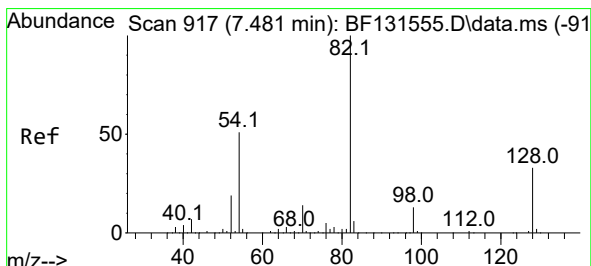
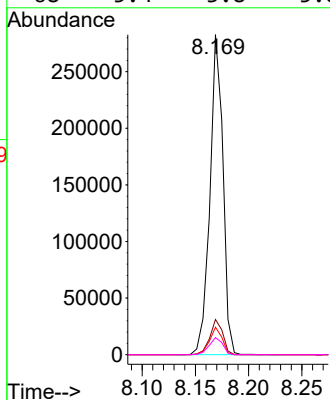
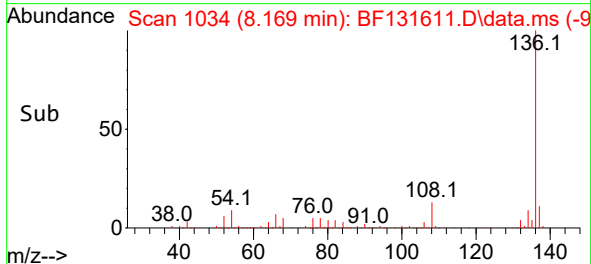


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131611.D
Acq: 13 Dec 2022 14:18

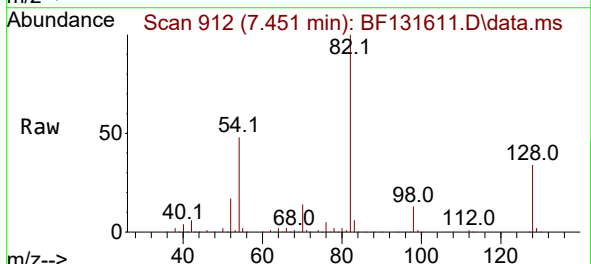
Instrument :
BNA_F
ClientSampleId :
PB149584BL



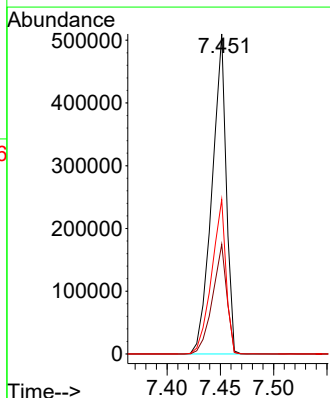
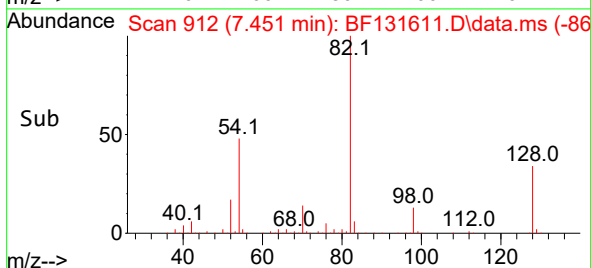
Tgt Ion:136 Resp: 240823
Ion Ratio Lower Upper
136 100
137 11.0 8.1 12.1
54 8.6 6.0 9.0
68 5.4 3.8 5.8

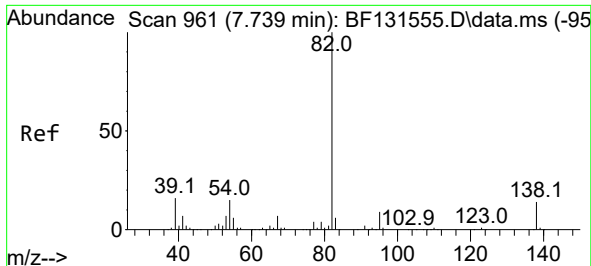


#23
Nitrobenzene-d5
Concen: 74.909 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF131611.D
Acq: 13 Dec 2022 14:18



Tgt Ion: 82 Resp: 477161
Ion Ratio Lower Upper
82 100
128 34.2 26.1 39.1
54 48.2 40.6 60.8

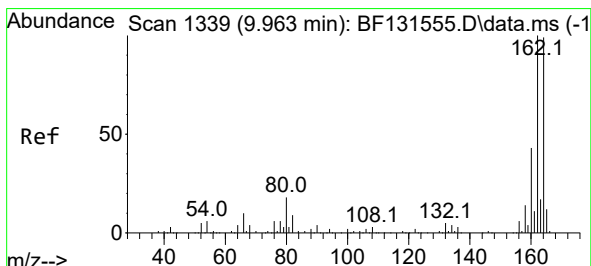
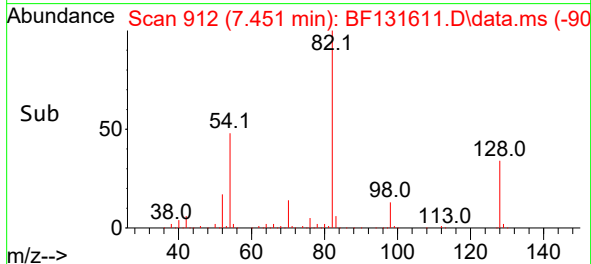
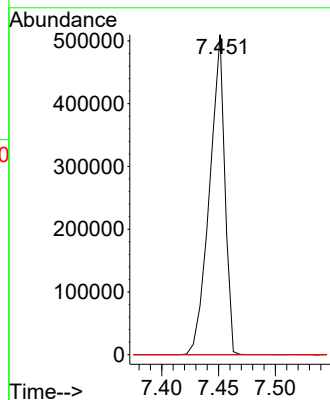
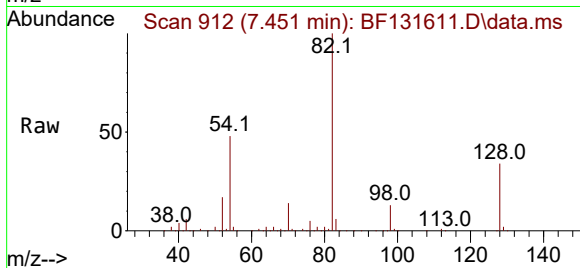




#25
Isophorone
Concen: 46.505 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131611.D
Acq: 13 Dec 2022 14:18

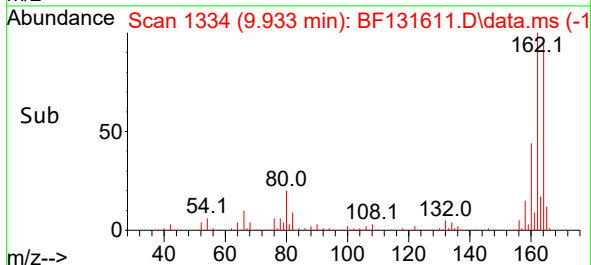
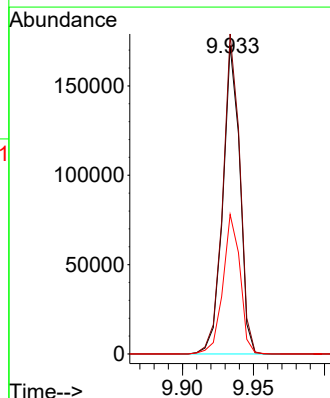
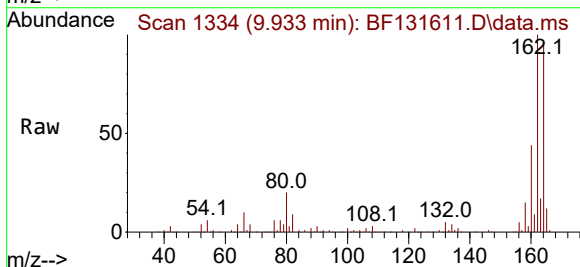
Instrument :
BNA_F
ClientSampleId :
PB149584BL

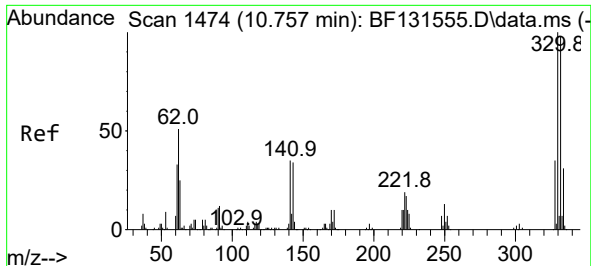
Tgt Ion: 82 Resp: 477155
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131611.D
Acq: 13 Dec 2022 14:18

Tgt Ion:164 Resp: 142671
Ion Ratio Lower Upper
164 100
162 103.7 81.0 121.6
160 45.2 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 77.691 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131611.D

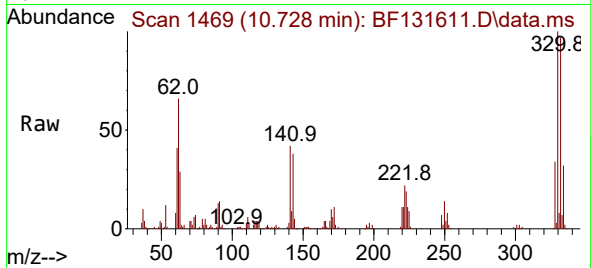
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Instrument :

BNA_F

ClientSampleId :

PB149584BL



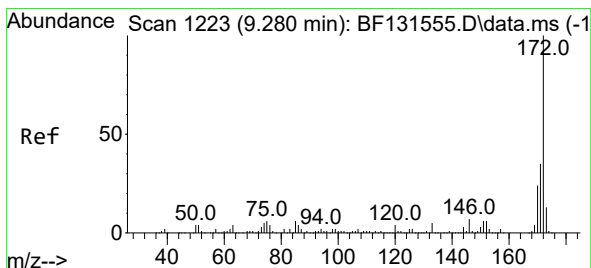
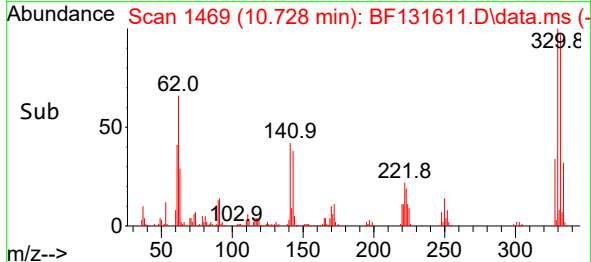
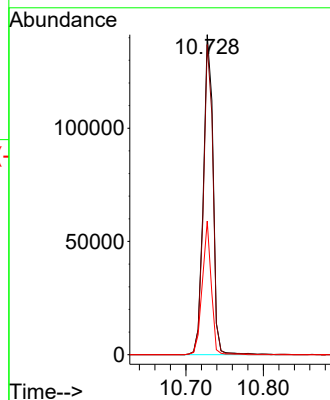
Tgt Ion:330 Resp: 123150

Ion Ratio Lower Upper

330 100

332 95.8 78.3 117.5

141 38.5 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 73.720 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131611.D

Acq: 13 Dec 2022 14:18

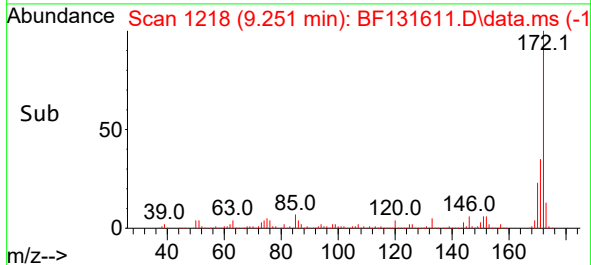
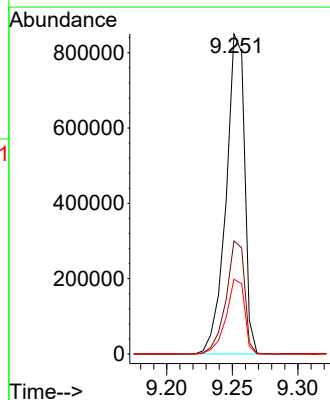
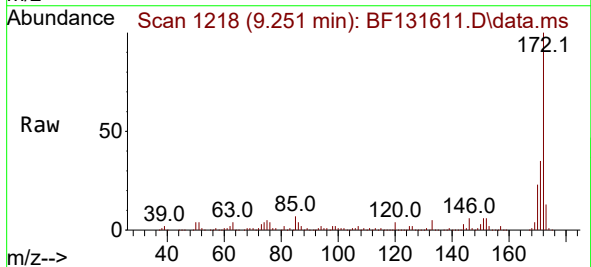
Tgt Ion:172 Resp: 834157

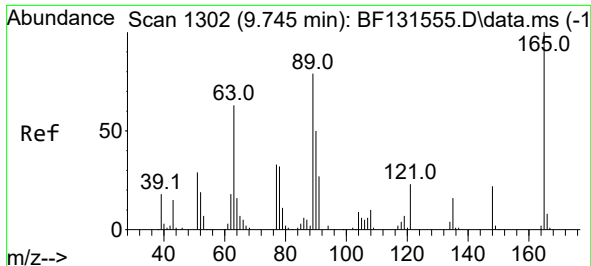
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.4 19.3 28.9

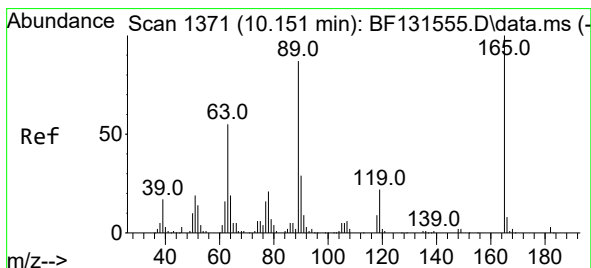
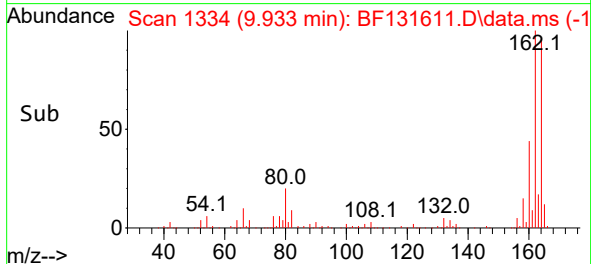
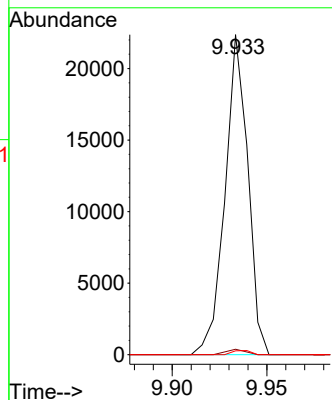
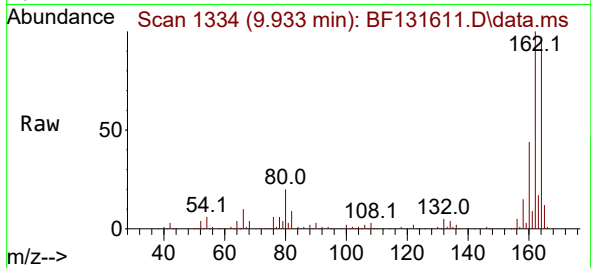




#51
2,6-Dinitrotoluene
Concen: 8.343 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131611.D
Acq: 13 Dec 2022 14:18

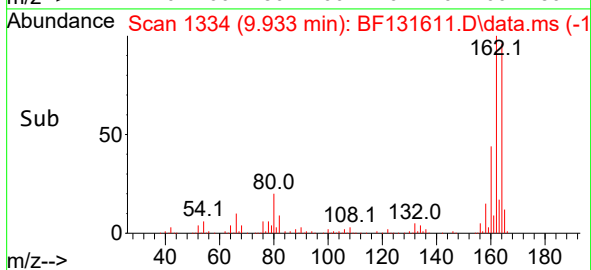
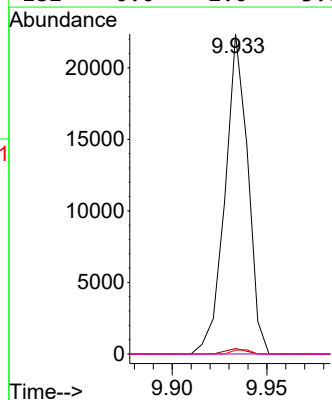
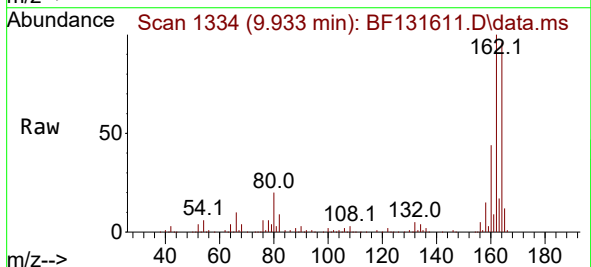
Instrument :
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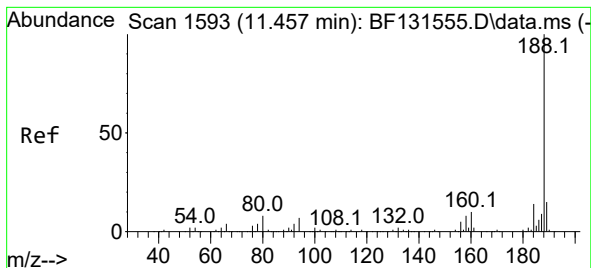
Tgt Ion:165 Resp: 18732
Ion Ratio Lower Upper
165 100
63 1.7 67.9 101.9#
89 1.2 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.289 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131611.D
Acq: 13 Dec 2022 14:18

Tgt Ion:165 Resp: 18732
Ion Ratio Lower Upper
165 100
63 1.7 44.4 66.6#
89 1.2 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. -0.006 min

Lab File: BF131611.D

Acq: 13 Dec 2022 14:18

Instrument :

BNA_F

ClientSampleId :

PB149584BL

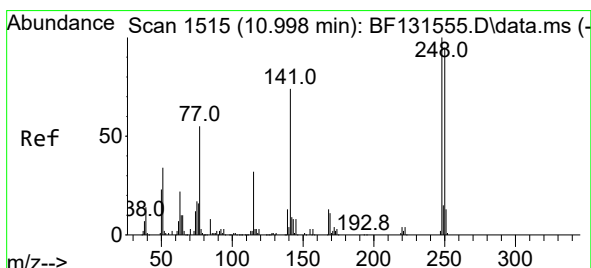
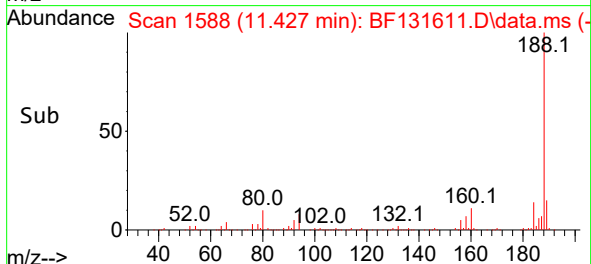
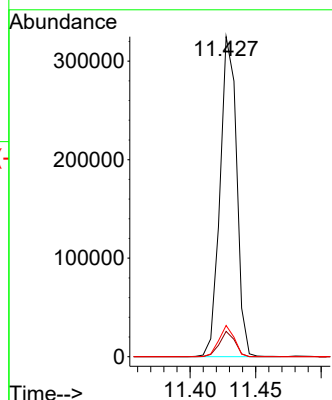
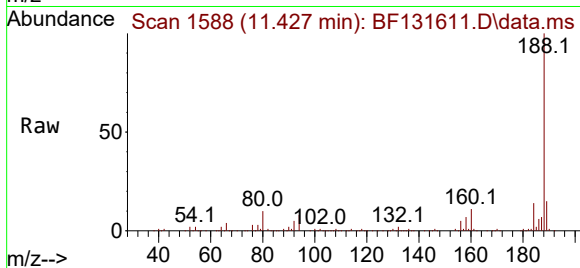
Tgt Ion:188 Resp: 285924

Ion Ratio Lower Upper

188 100

94 7.9 5.5 8.3

80 9.8 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 2.264 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.247 min

Lab File: BF131611.D

Acq: 13 Dec 2022 14:18

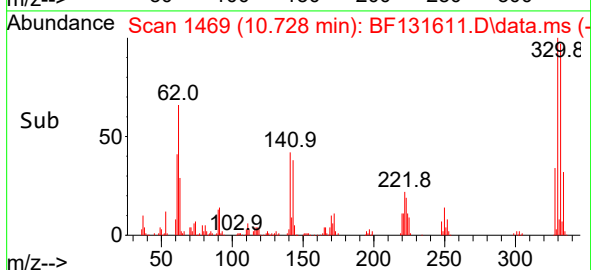
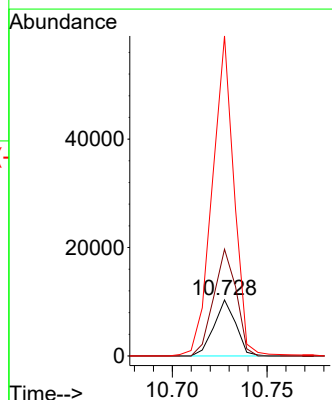
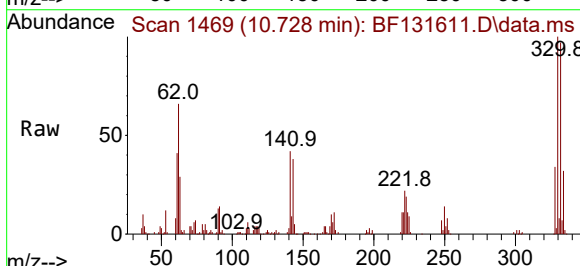
Tgt Ion:248 Resp: 8329

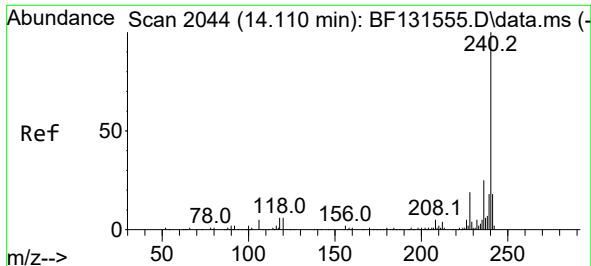
Ion Ratio Lower Upper

248 100

250 190.7 76.2 114.2#

141 571.7 59.5 89.3#

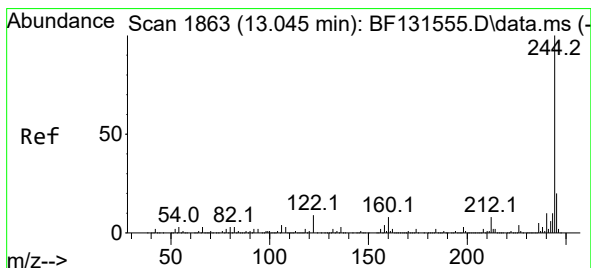
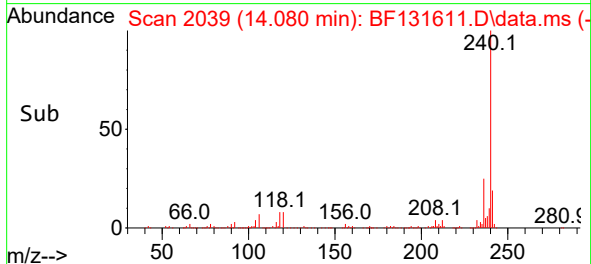
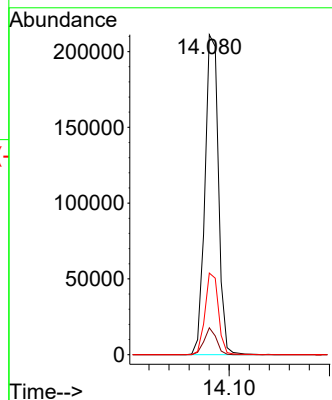
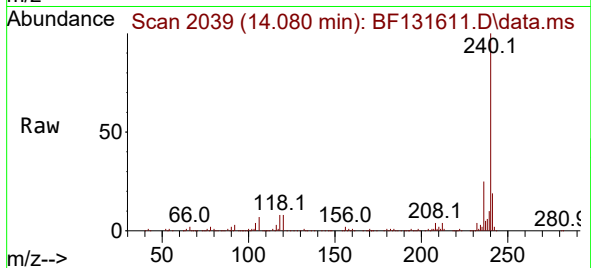




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131611.D
Acq: 13 Dec 2022 14:18

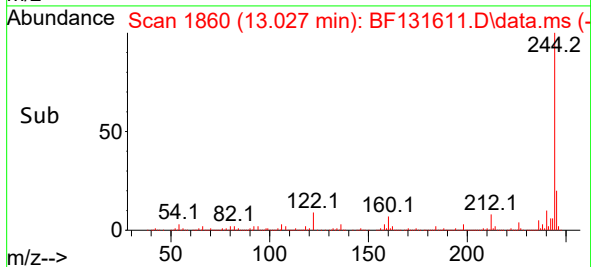
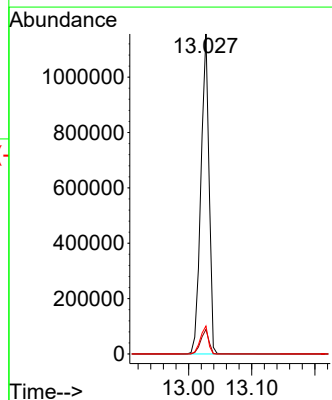
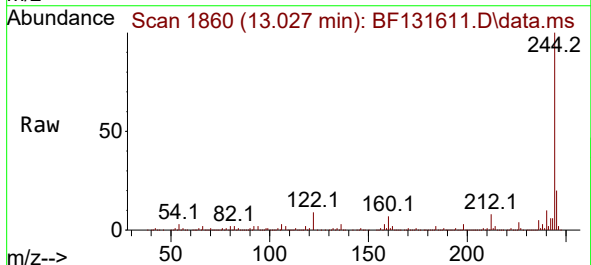
Instrument :
BNA_F
ClientSampleId :
PB149584BL

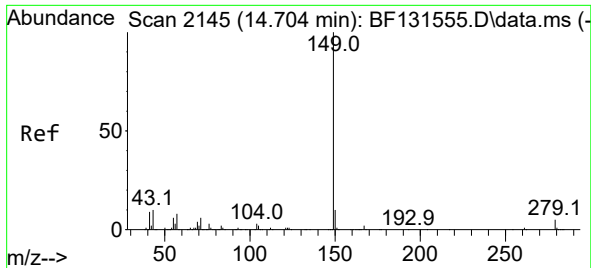
Tgt Ion:240 Resp: 197782
Ion Ratio Lower Upper
240 100
120 8.4 4.6 7.0#
236 25.5 20.2 30.2



#79
Terphenyl-d14
Concen: 71.158 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF131611.D
Acq: 13 Dec 2022 14:18

Tgt Ion:244 Resp: 1026232
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 8.7 7.1 10.7

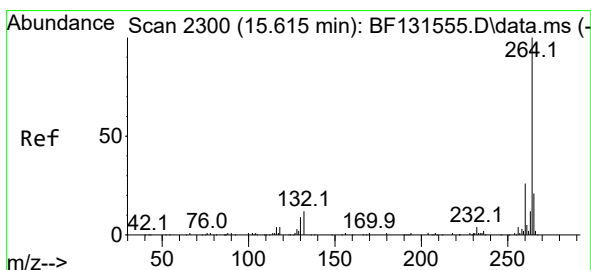
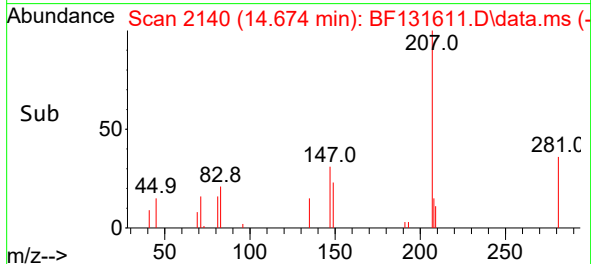
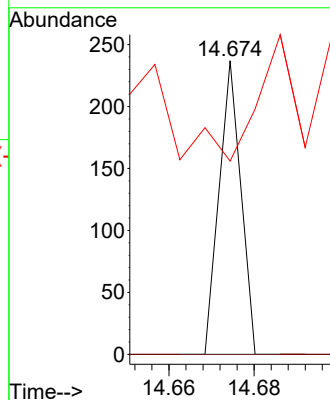
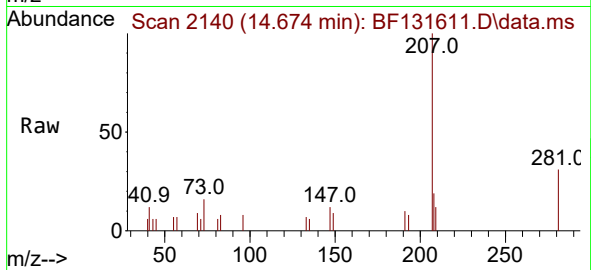




#85
Di-n-octyl phthalate
Concen: 5.225 ng
RT: 14.674 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BF131611.D
Acq: 13 Dec 2022 14:18

Instrument :
BNA_F
ClientSampleId :
PB149584BL

Tgt Ion:149 Resp: 84
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 77.4 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF131611.D
Acq: 13 Dec 2022 14:18

Tgt Ion:264 Resp: 146088
Ion Ratio Lower Upper
264 100
260 23.6 20.6 30.8
265 20.1 16.8 25.2

