

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131677.D
 Acq On : 16 Dec 2022 20:56
 Operator : CG\JU
 Sample : N6037-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-24-(7-9)

Quant Time: Dec 17 03:58:53 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

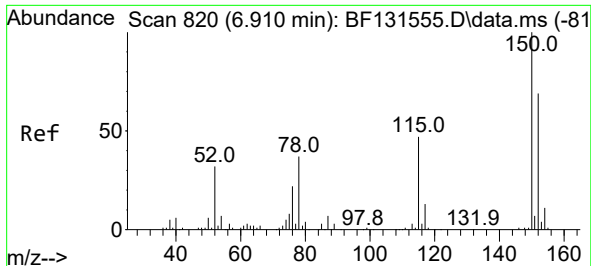
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	58798	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	205514	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	116283	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	225728	20.000	ng	0.00
76) Chrysene-d12	14.074	240	133952	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	139380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	409914	116.306	ng	0.00
7) Phenol-d6	6.510	99	536078	116.071	ng	0.00
23) Nitrobenzene-d5	7.445	82	368406	67.773	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	139507	107.983	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	630434	68.359	ng	0.00
79) Terphenyl-d14	13.022	244	739286	75.688	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	50942	14.710	ng	# 75
25) Isophorone	7.445	82	368402	42.075	ng	# 69
51) 2,6-Dinitrotoluene	9.928	165	14380	7.858	ng	# 10
57) 2,4-Dinitrotoluene	9.928	165	14380	5.924	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	9693	3.338	ng	# 1
77) Benzidine	13.022	184	10712	2.985	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.045	149	302	3.086	ng	# 54
85) Di-n-octyl phthalate	14.674	149	65	5.226	ng	# 1

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

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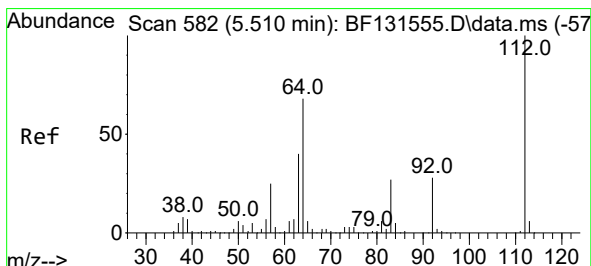
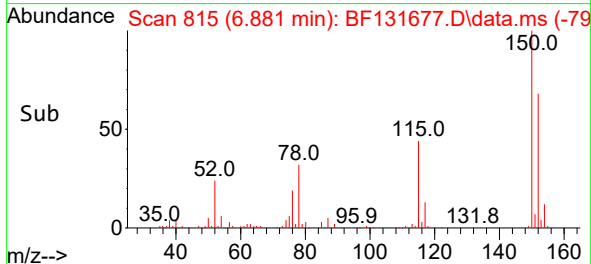
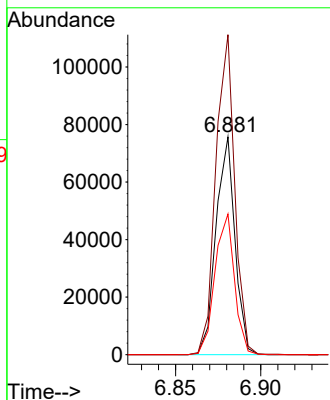
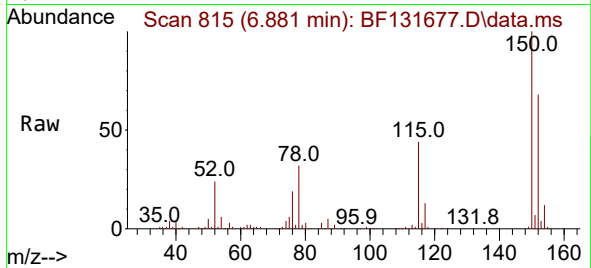




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

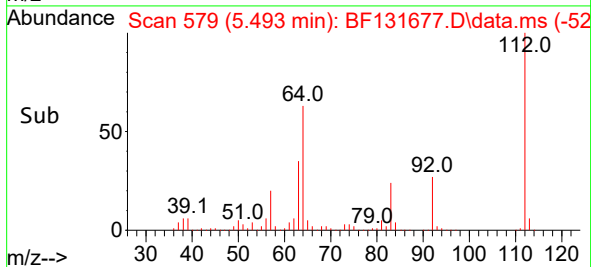
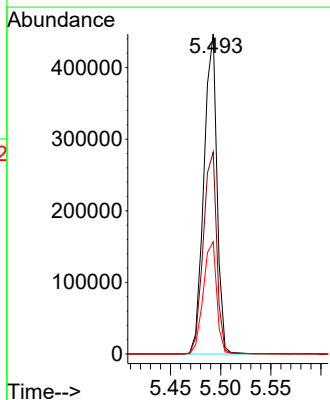
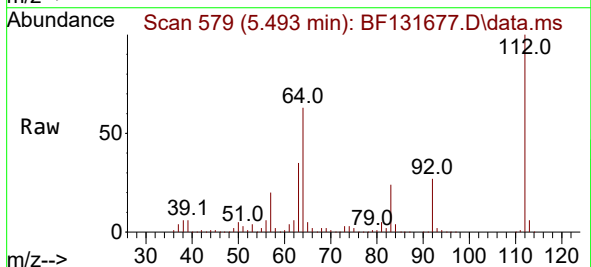
Instrument :
BNA_F
ClientSampleId :
RB-24-(7-9)

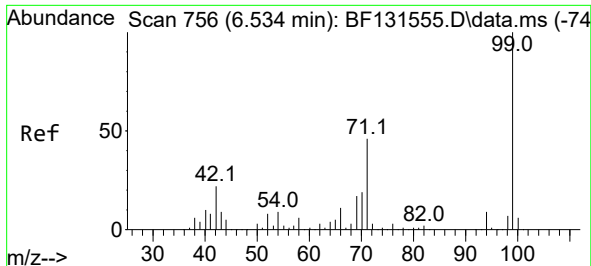
Tgt Ion:152 Resp: 58798
Ion Ratio Lower Upper
152 100
150 147.0 116.7 175.1
115 64.6 54.6 82.0



#5
2-Fluorophenol
Concen: 116.306 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

Tgt Ion:112 Resp: 409914
Ion Ratio Lower Upper
112 100
64 63.1 54.5 81.7
63 35.0 31.9 47.9

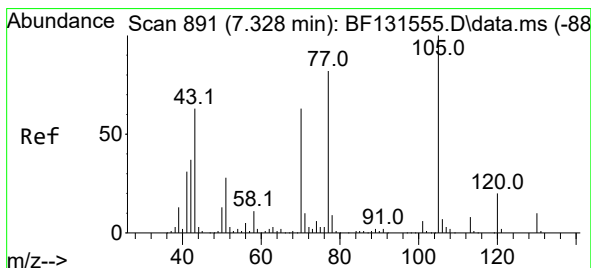
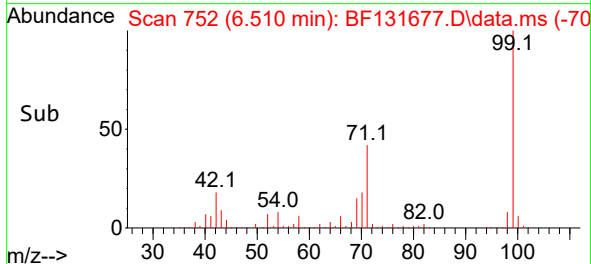
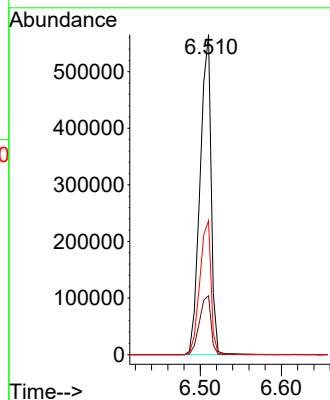
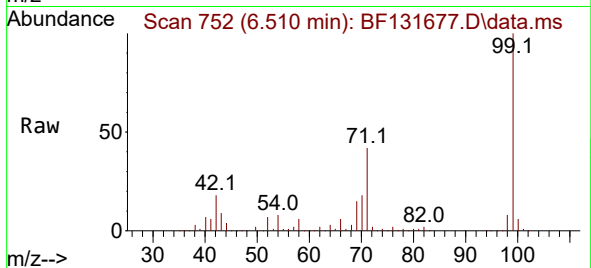




#7
Phenol-d6
Concen: 116.071 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

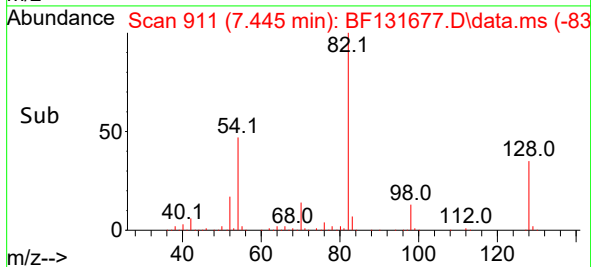
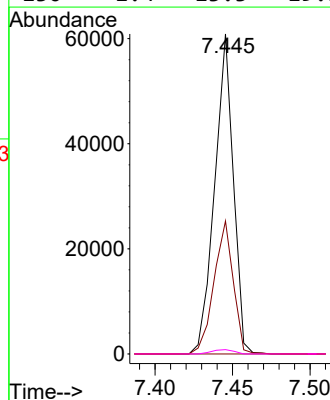
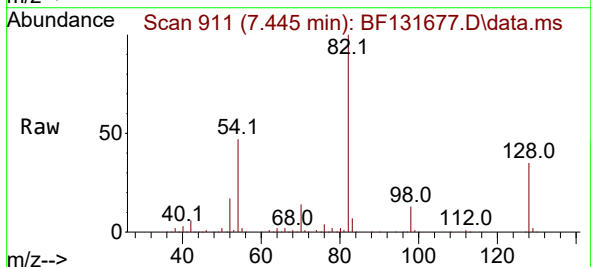
Instrument :
BNA_F
ClientSampleId :
RB-24-(7-9)

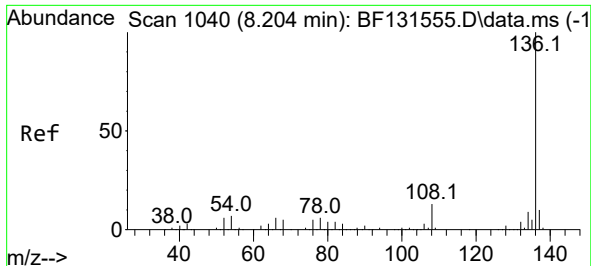
Tgt Ion: 99 Resp: 536078
Ion Ratio Lower Upper
99 100
42 18.4 17.9 26.9
71 41.9 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.710 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

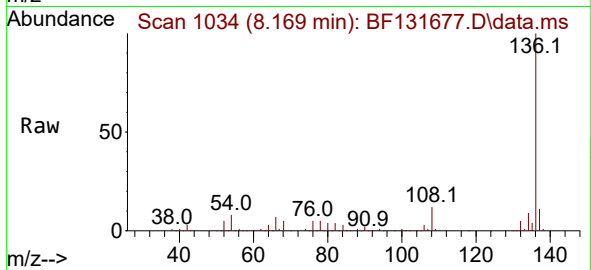
Tgt Ion: 70 Resp: 50942
Ion Ratio Lower Upper
70 100
42 41.6 46.4 69.6#
101 0.0 7.2 10.8#
130 1.4 13.3 19.9#



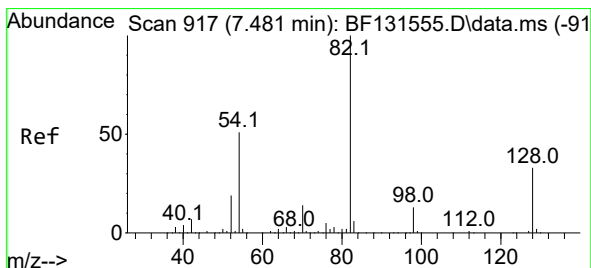
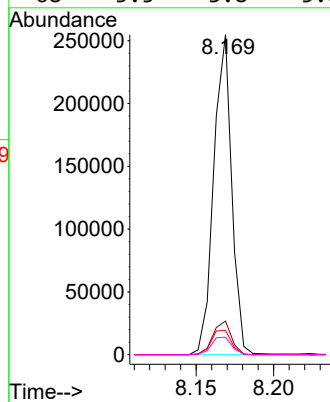
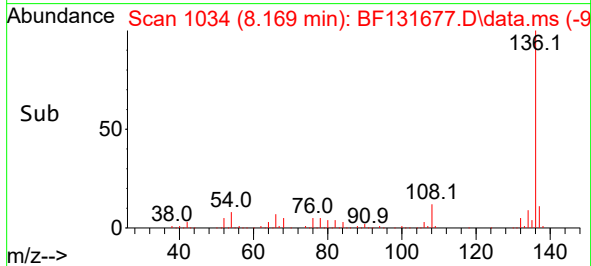


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

Instrument :
BNA_F
ClientSampleId :
RB-24-(7-9)

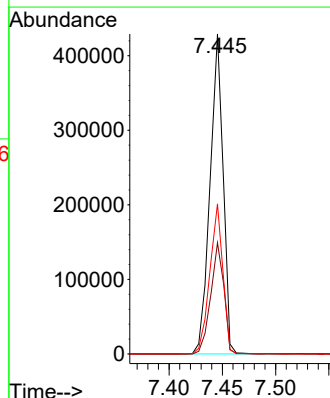
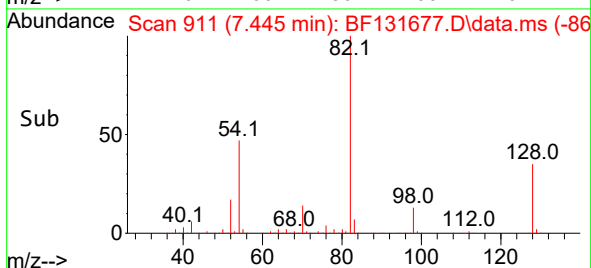
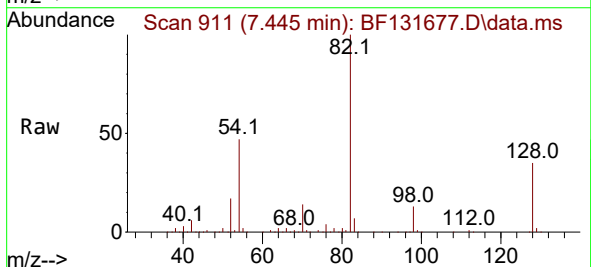


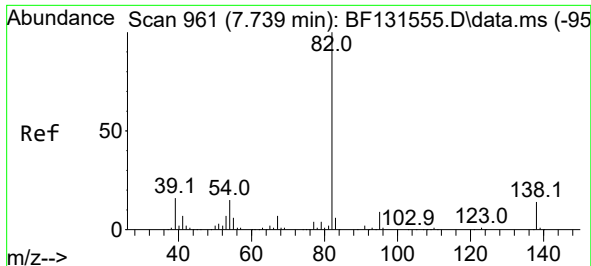
Tgt Ion:136 Resp: 205514
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 7.6 6.0 9.0
68 5.5 3.8 5.8



#23
Nitrobenzene-d5
Concen: 67.773 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

Tgt Ion: 82 Resp: 368406
Ion Ratio Lower Upper
82 100
128 34.7 26.1 39.1
54 46.9 40.6 60.8

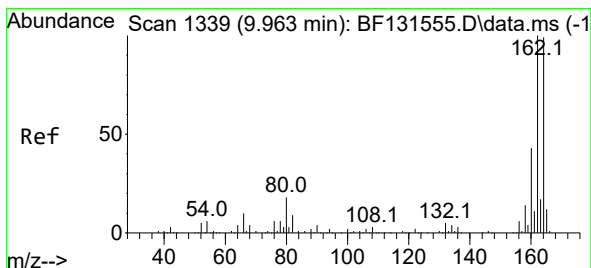
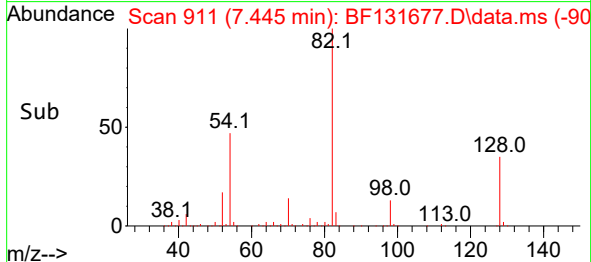
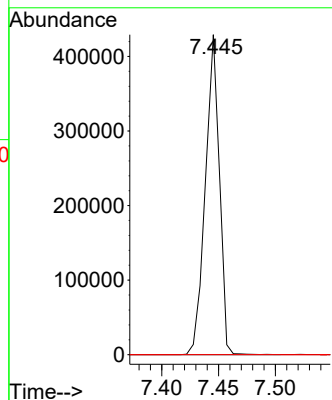
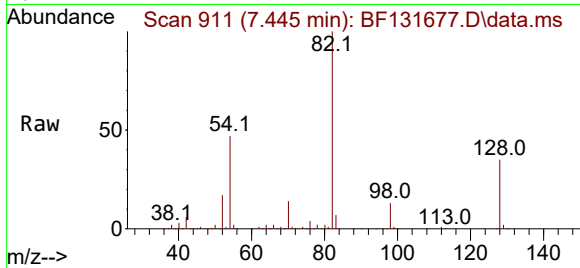




#25
Isophorone
Concen: 42.075 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

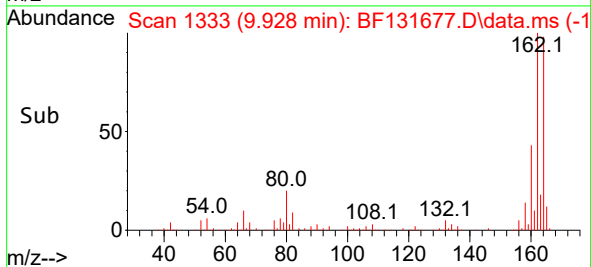
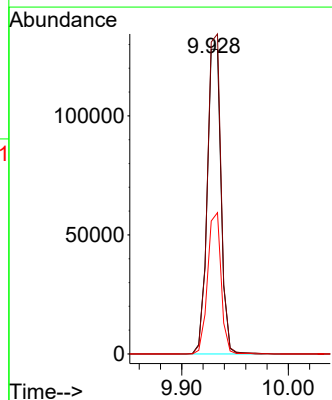
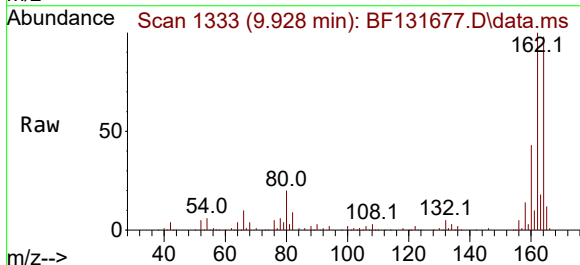
Instrument :
BNA_F
ClientSampleId :
RB-24-(7-9)

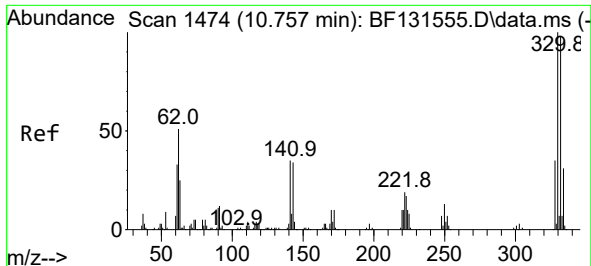
Tgt Ion: 82 Resp: 368402
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

Tgt Ion:164 Resp: 116283
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.6
160 43.6 35.0 52.6

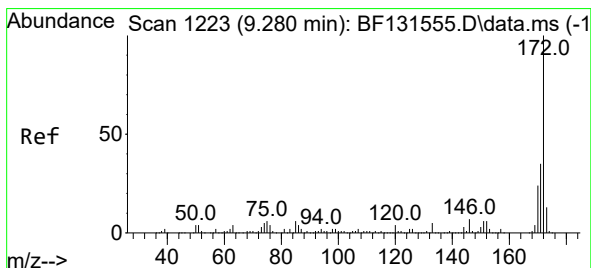
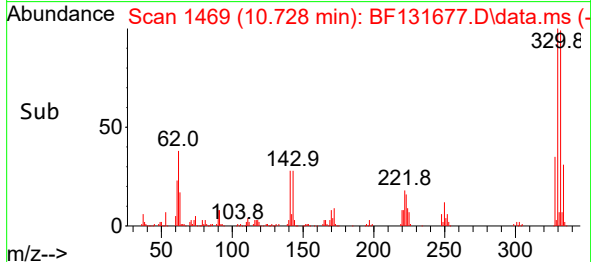
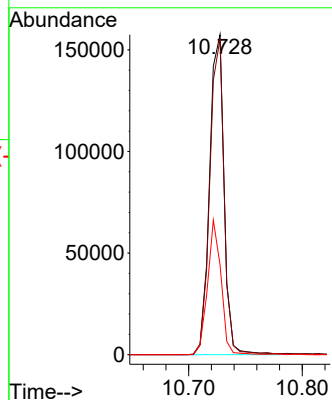
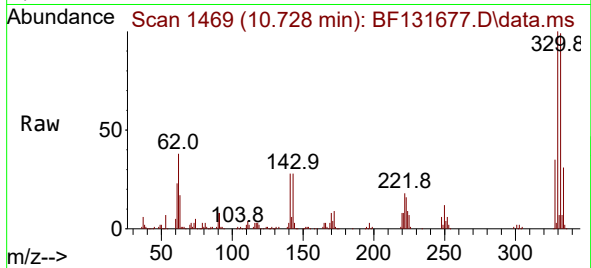




#42
2,4,6-Tribromophenol
Concen: 107.983 ng
RT: 10.728 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

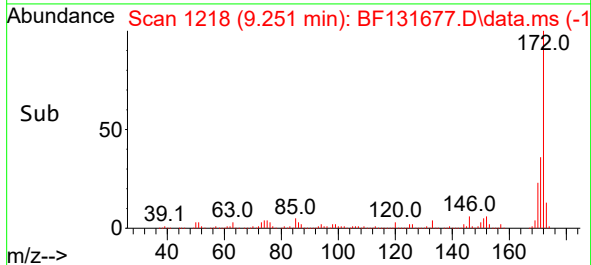
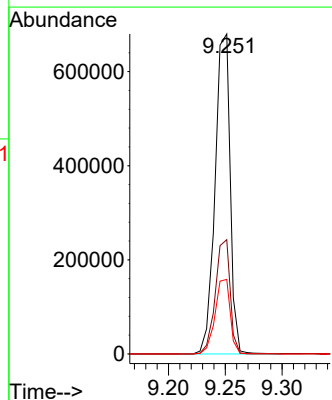
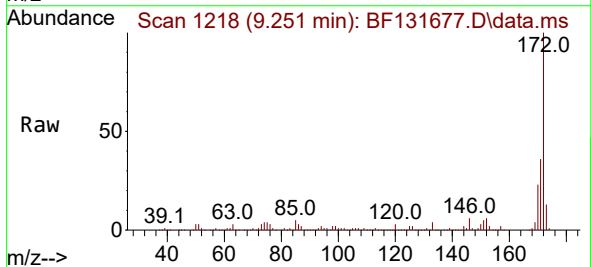
Instrument :
BNA_F
ClientSampleId :
RB-24-(7-9)

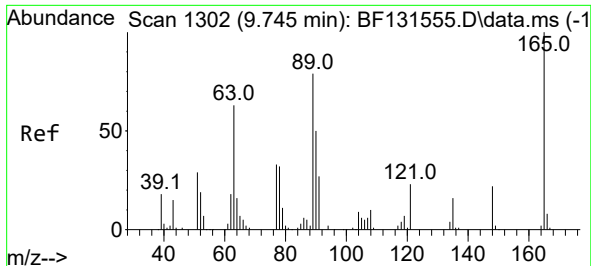
Tgt Ion:330 Resp: 139507
Ion Ratio Lower Upper
330 100
332 97.5 78.3 117.5
141 39.2 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 68.359 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

Tgt Ion:172 Resp: 630434
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.3 19.3 28.9

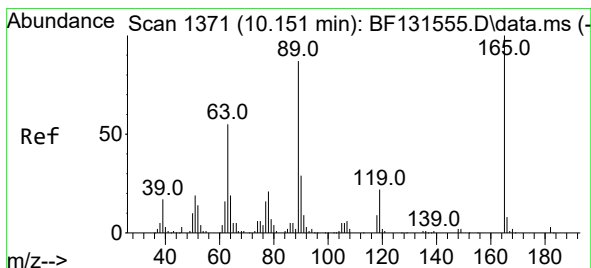
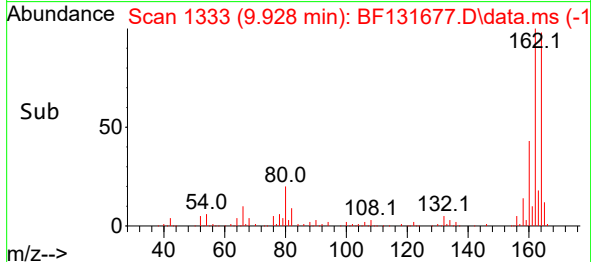
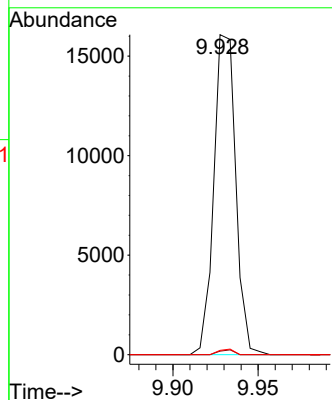
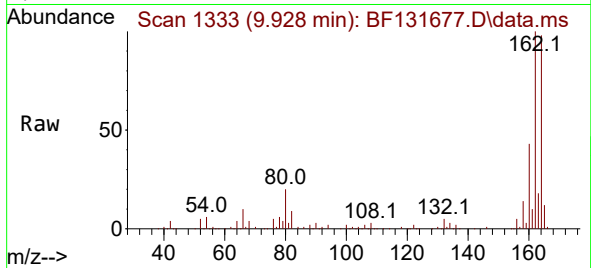




#51
2,6-Dinitrotoluene
Concen: 7.858 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

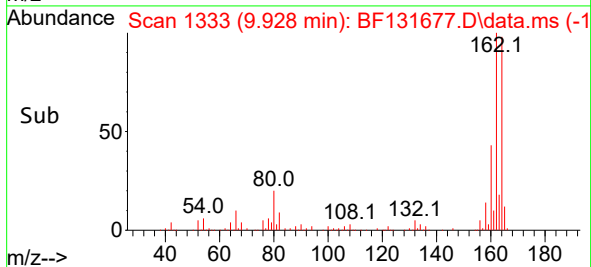
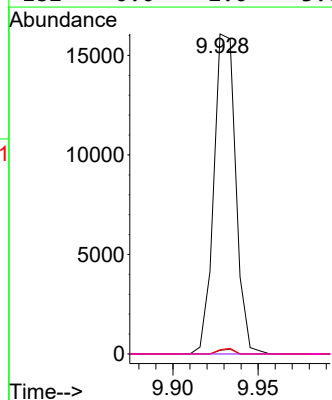
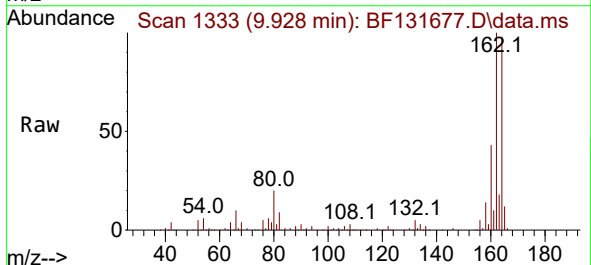
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ClientSampleId :
RB-24-(7-9)

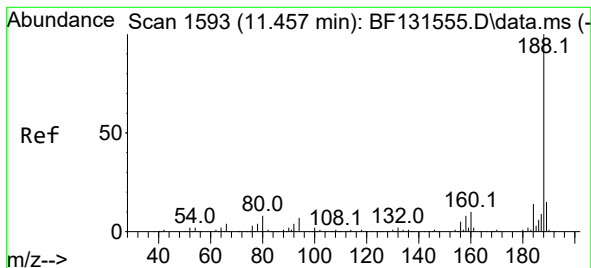
Tgt Ion:165 Resp: 14380
Ion Ratio Lower Upper
165 100
63 1.1 67.9 101.9#
89 1.4 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 5.924 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

Tgt Ion:165 Resp: 14380
Ion Ratio Lower Upper
165 100
63 1.1 44.4 66.6#
89 1.4 69.6 104.4#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131677.D

Acq: 16 Dec 2022 20:56

Instrument :

BNA_F

ClientSampleId :

RB-24-(7-9)

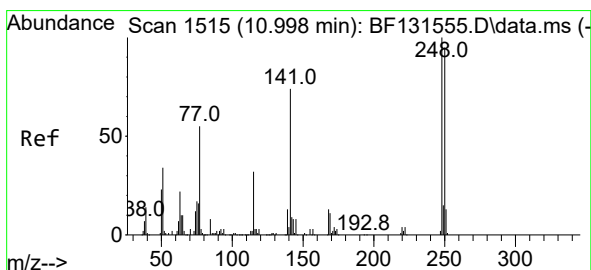
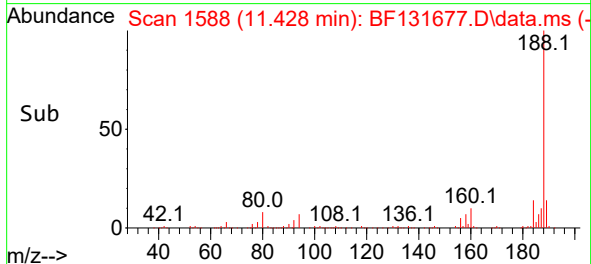
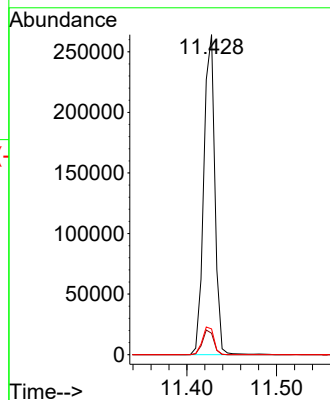
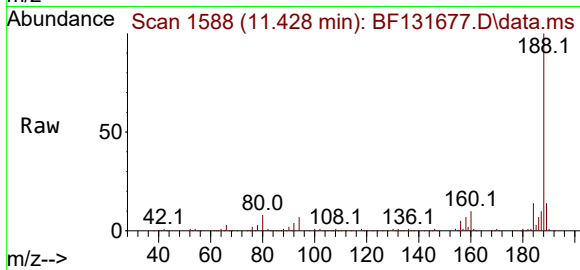
Tgt Ion:188 Resp: 225728

Ion Ratio Lower Upper

188 100

94 6.7 5.5 8.3

80 8.1 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 3.338 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.247 min

Lab File: BF131677.D

Acq: 16 Dec 2022 20:56

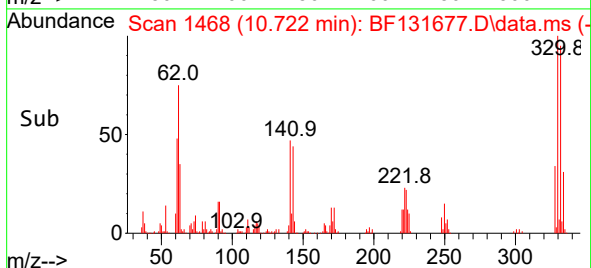
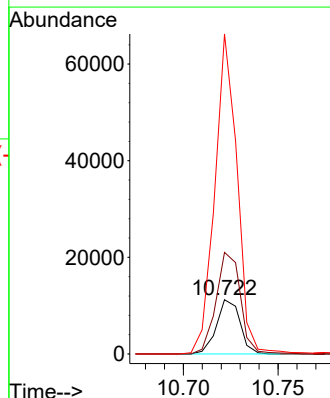
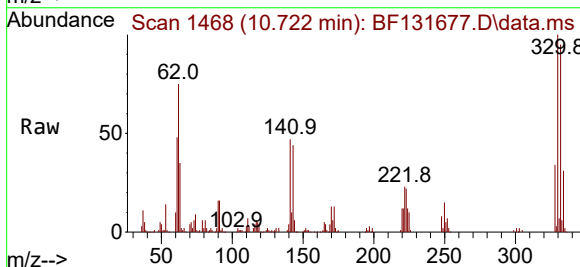
Tgt Ion:248 Resp: 9693

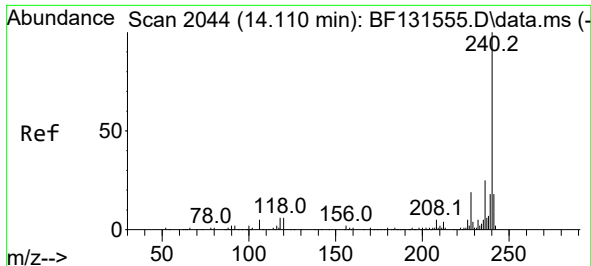
Ion Ratio Lower Upper

248 100

250 187.5 76.2 114.2#

141 590.6 59.5 89.3#

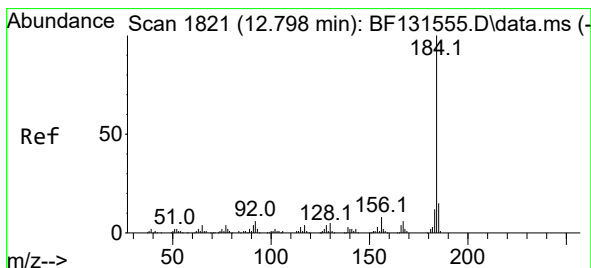
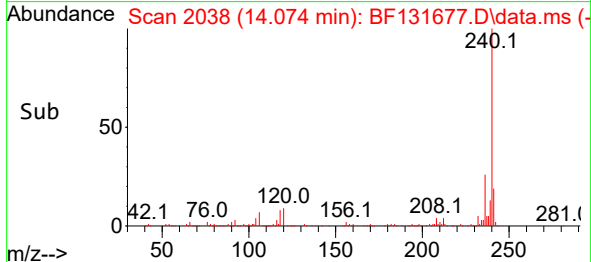
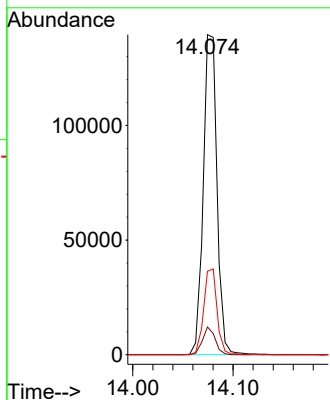
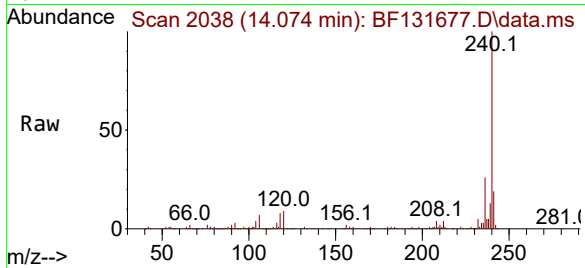




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

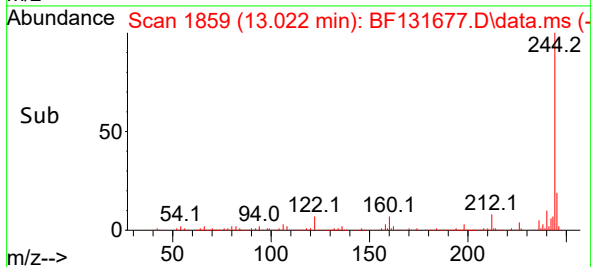
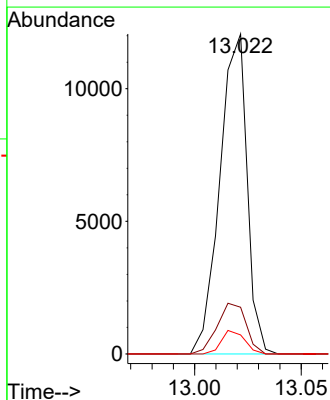
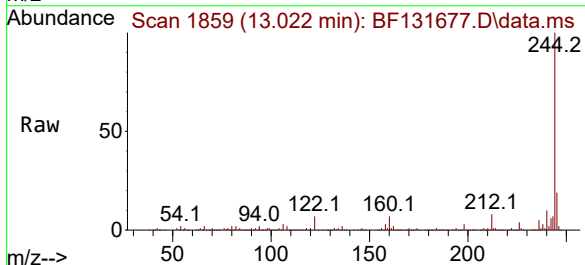
Instrument :
BNA_F
ClientSampleId :
RB-24-(7-9)

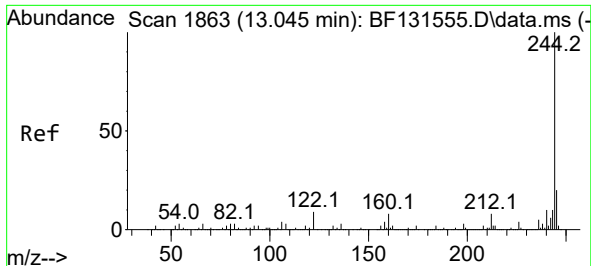
Tgt Ion:240 Resp: 133952
Ion Ratio Lower Upper
240 100
120 8.6 4.6 7.0#
236 26.0 20.2 30.2



#77
Benzidine
Concen: 2.985 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

Tgt Ion:184 Resp: 10712
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 6.0 9.3 13.9#

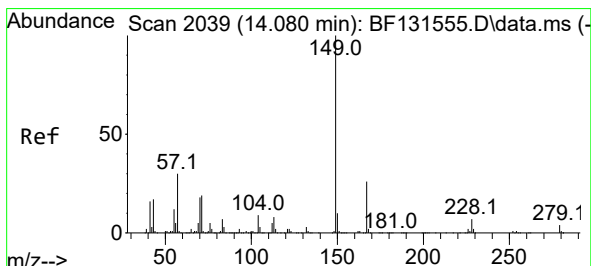
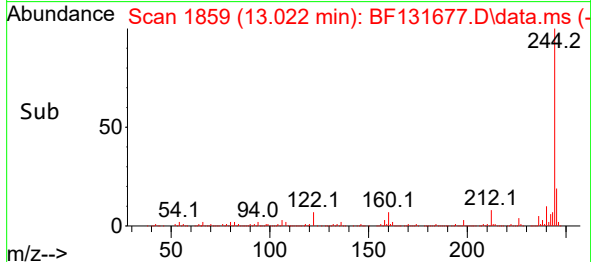
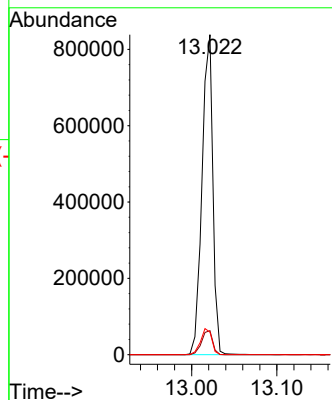
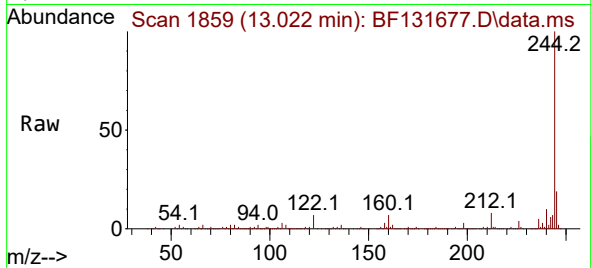




#79
 Terphenyl-d14
 Concen: 75.688 ng
 RT: 13.022 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: BF131677.D
 Acq: 16 Dec 2022 20:56

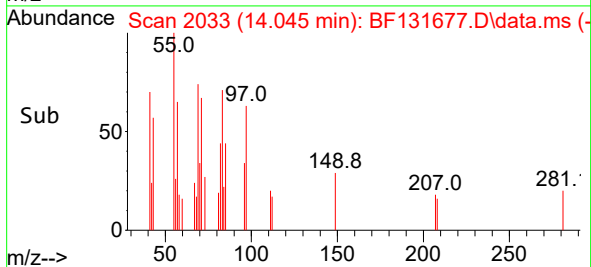
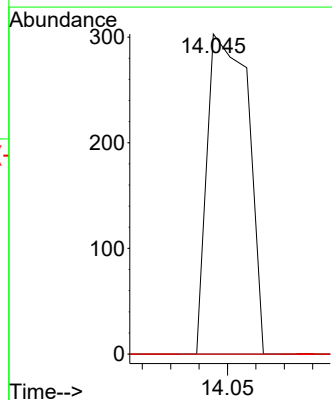
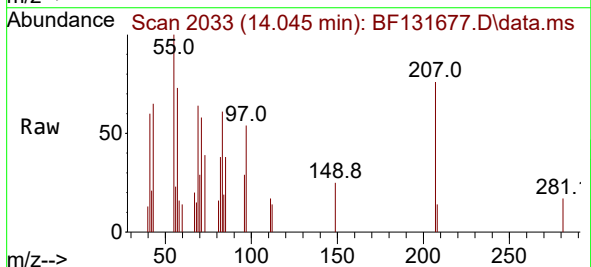
Instrument :
 BNA_F
 ClientSampleId :
 RB-24-(7-9)

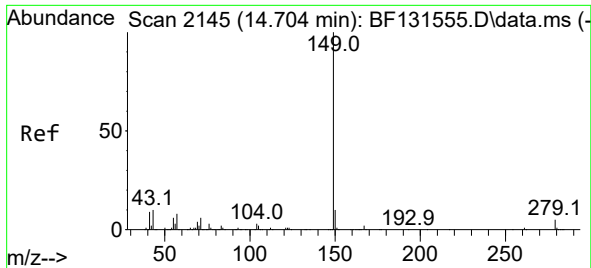
Tgt Ion:244 Resp: 739286
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.1 7.1 10.7#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.086 ng
 RT: 14.045 min Scan# 2033
 Delta R.T. -0.012 min
 Lab File: BF131677.D
 Acq: 16 Dec 2022 20:56

Tgt Ion:149 Resp: 302
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.8 31.2#
 279 0.0 3.3 4.9#

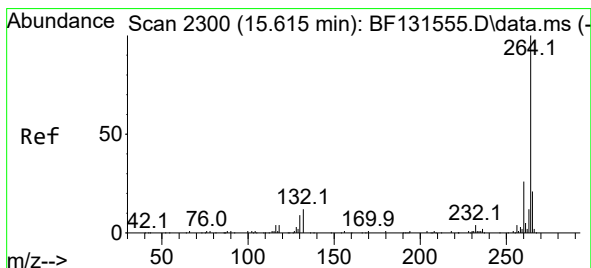
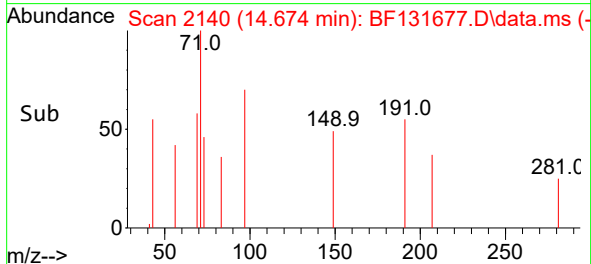
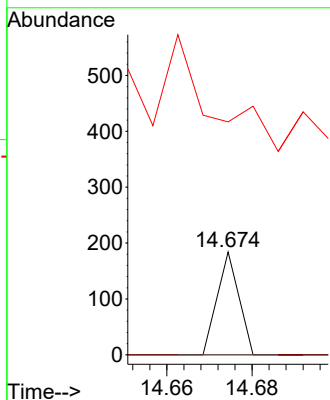
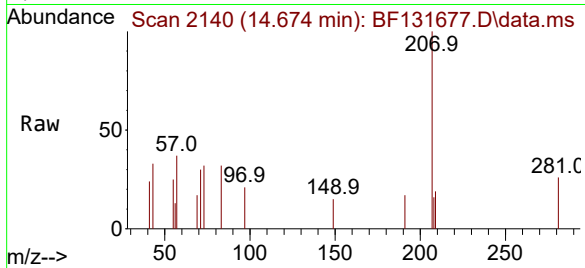




#85
Di-n-octyl phthalate
Concen: 5.226 ng
RT: 14.674 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131677.D
Acq: 16 Dec 2022 20:56

Instrument :
BNA_F
ClientSampleId :
RB-24-(7-9)

Tgt Ion:149 Resp: 65
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 712.3 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: BF131677.D
Acq: 16 Dec 2022 20:56

Tgt Ion:264 Resp: 139380
Ion Ratio Lower Upper
264 100
260 23.5 20.6 30.8
265 21.6 16.8 25.2

