

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131648.D
 Acq On : 15 Dec 2022 14:35
 Operator : CG\JU
 Sample : N6038-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-30-(6-8)

Quant Time: Dec 16 01:50:45 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)

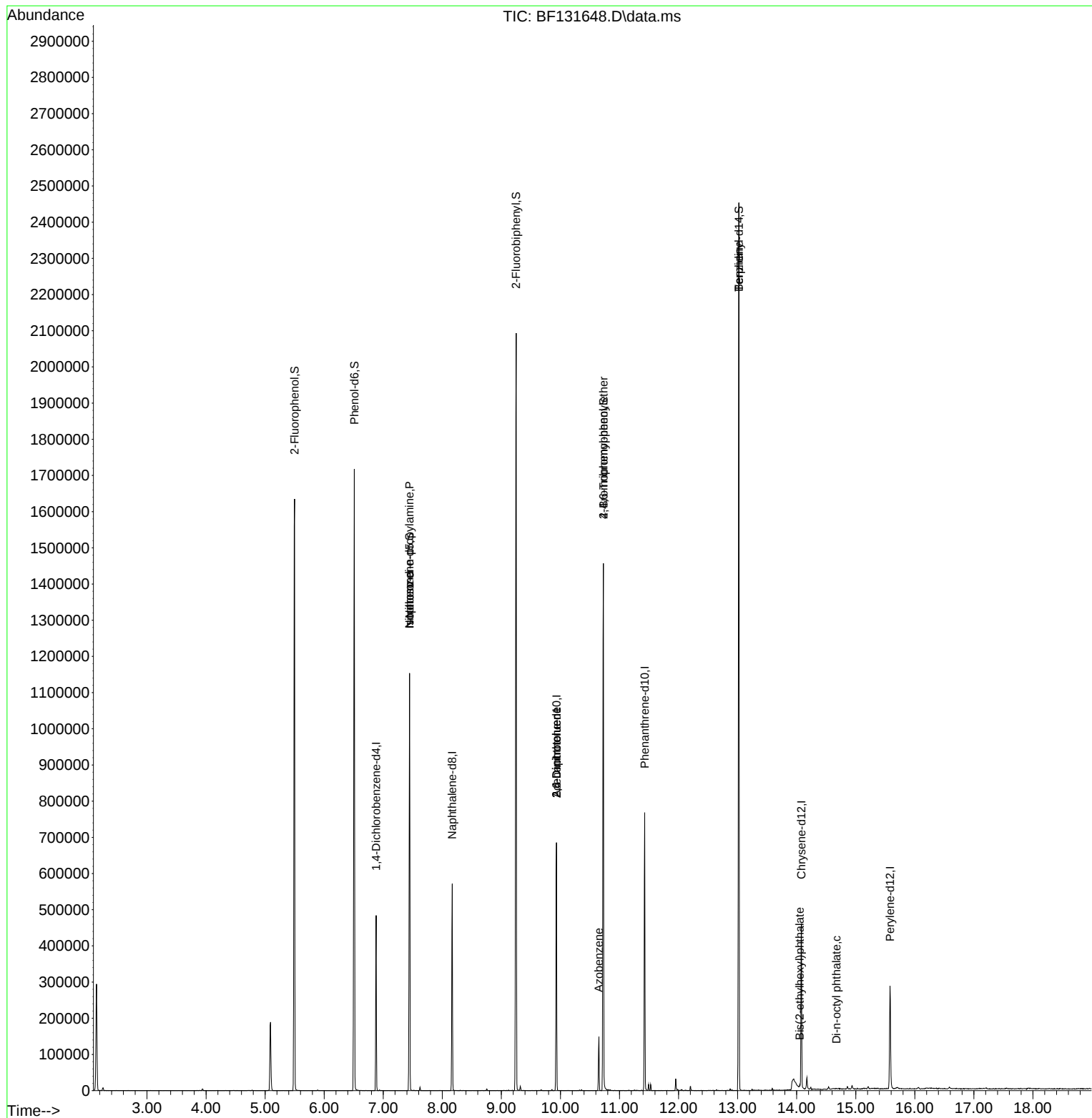
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	62324	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	224380	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	132762	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	268447	20.000	ng	0.00
76) Chrysene-d12	14.080	240	152953	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	135907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	419537	112.301	ng	0.00
7) Phenol-d6	6.510	99	548894	112.122	ng	0.00
23) Nitrobenzene-d5	7.445	82	379055	63.869	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	160536	108.836	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	659962	62.678	ng	0.00
79) Terphenyl-d14	13.021	244	784936	70.379	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	53581	14.596	ng	# 75
25) Isophorone	7.445	82	379051	39.651	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	16356	7.828	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	16356	5.901	ng	# 16
63) Azobenzene	10.651	77	26230	2.368	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	10513	3.044	ng	# 1
77) Benzidine	13.021	184	12045	2.939	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.051	149	2096	3.362	ng	# 94
85) Di-n-octyl phthalate	14.674	149	327	5.249	ng	# 61

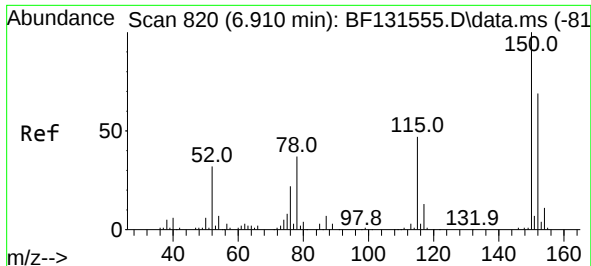
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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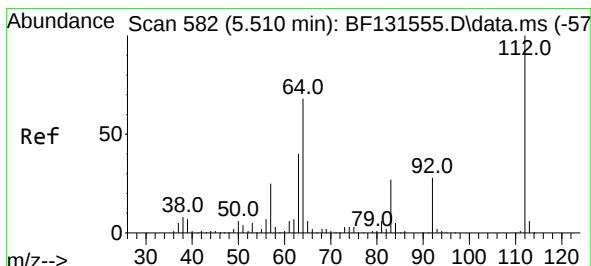
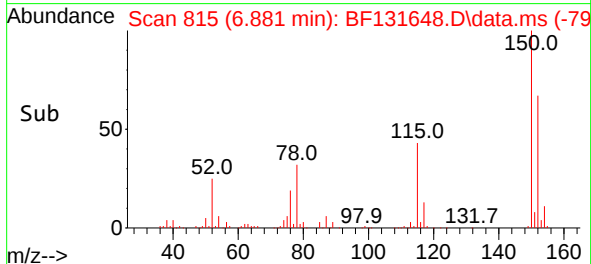
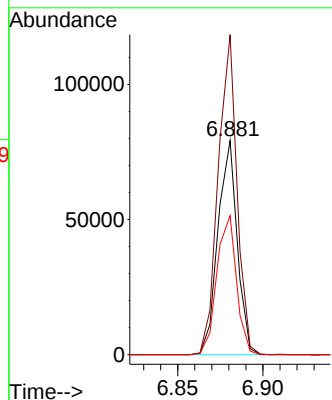
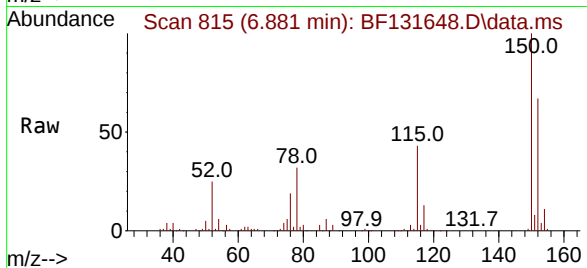




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131648.D
Acq: 15 Dec 2022 14:35

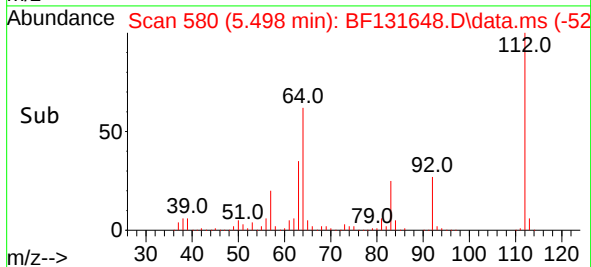
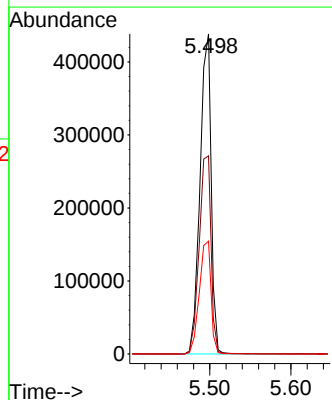
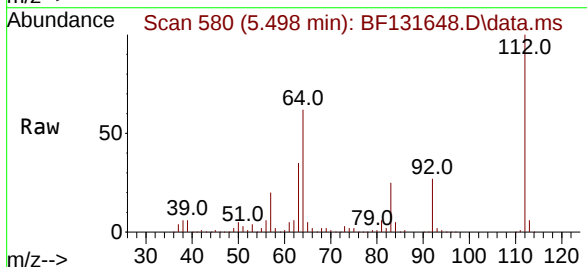
Instrument :
BNA_F
ClientSampleId :
RB-30-(6-8)

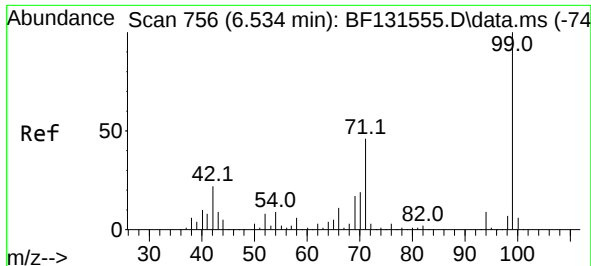
Tgt Ion:152 Resp: 62324
Ion Ratio Lower Upper
152 100
150 149.5 116.7 175.1
115 64.9 54.6 82.0



#5
2-Fluorophenol
Concen: 112.301 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF131648.D
Acq: 15 Dec 2022 14:35

Tgt Ion:112 Resp: 419537
Ion Ratio Lower Upper
112 100
64 61.9 54.5 81.7
63 35.3 31.9 47.9

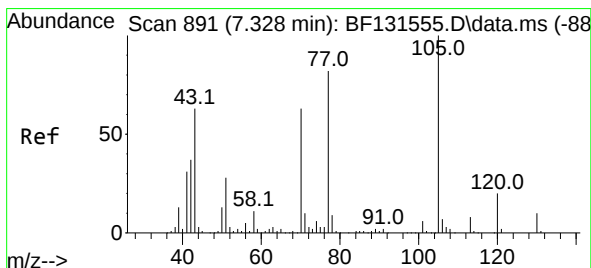
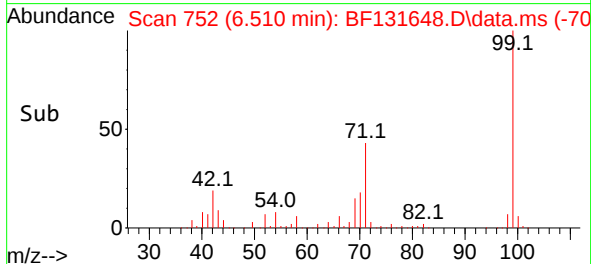
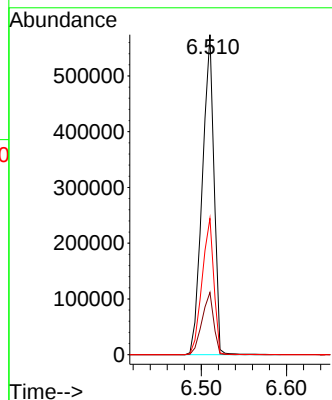
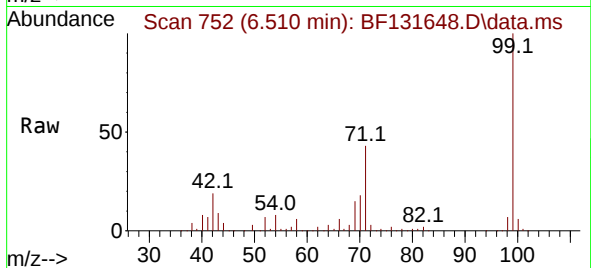




#7
Phenol-d6
Concen: 112.122 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131648.D
Acq: 15 Dec 2022 14:35

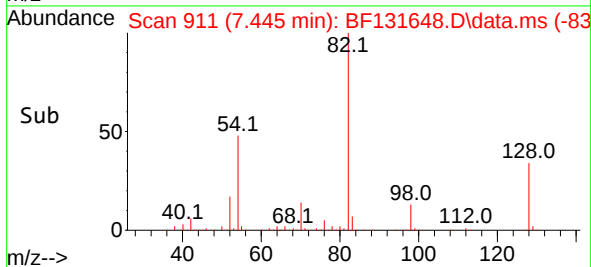
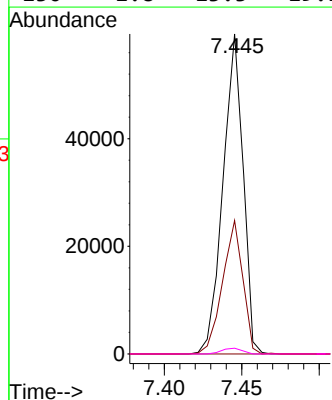
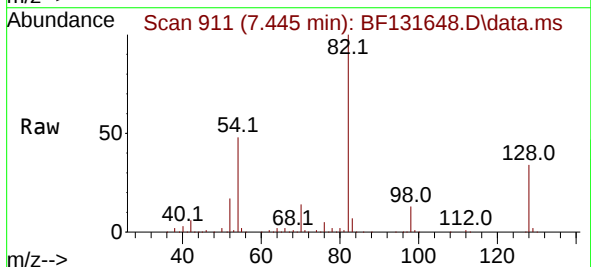
Instrument :
BNA_F
ClientSampleId :
RB-30-(6-8)

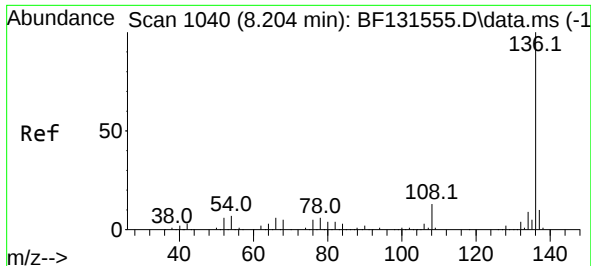
Tgt Ion: 99 Resp: 548894
Ion Ratio Lower Upper
99 100
42 19.5 17.9 26.9
71 42.6 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.596 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131648.D
Acq: 15 Dec 2022 14:35

Tgt Ion: 70 Resp: 53581
Ion Ratio Lower Upper
70 100
42 41.7 46.4 69.6#
101 0.0 7.2 10.8#
130 1.8 13.3 19.9#

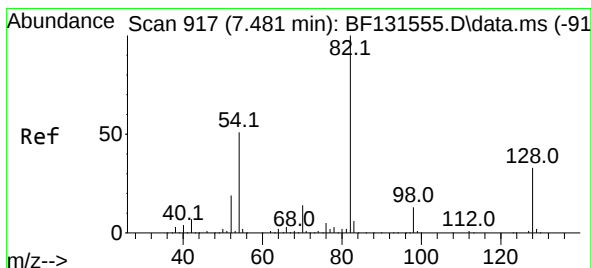
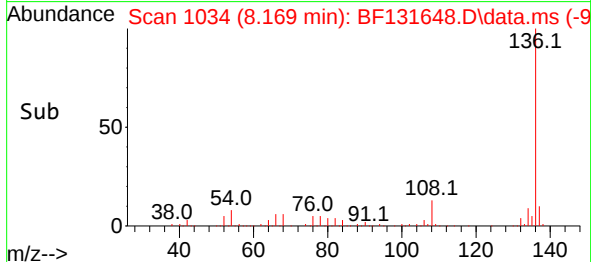
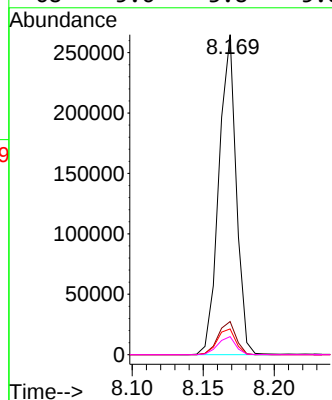
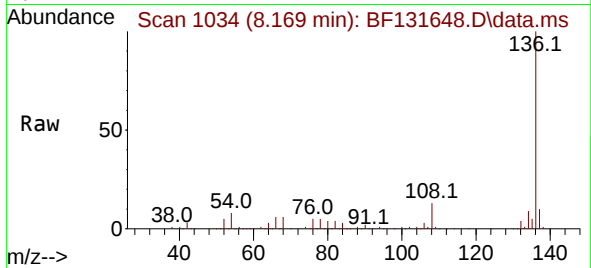




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131648.D
Acq: 15 Dec 2022 14:35

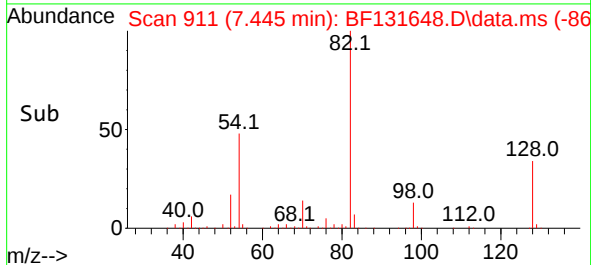
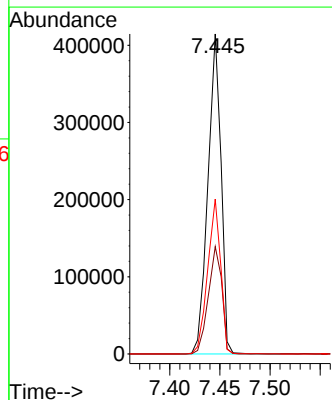
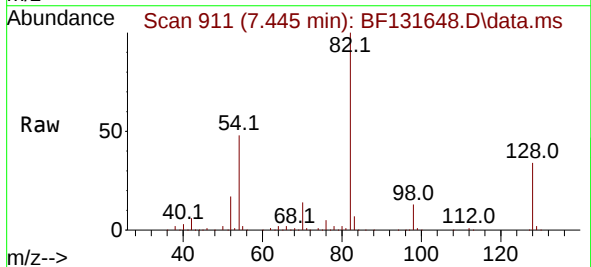
Instrument :
BNA_F
ClientSampleId :
RB-30-(6-8)

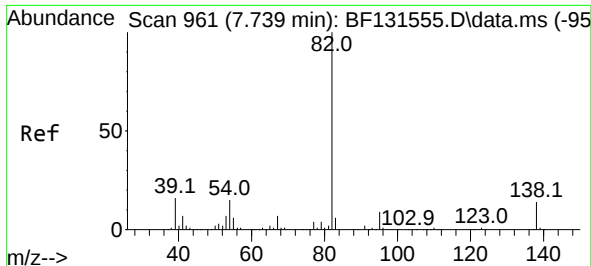
Tgt Ion:136 Resp: 224380
Ion Ratio Lower Upper
136 100
137 10.4 8.1 12.1
54 8.1 6.0 9.0
68 5.6 3.8 5.8



#23
Nitrobenzene-d5
Concen: 63.869 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131648.D
Acq: 15 Dec 2022 14:35

Tgt Ion: 82 Resp: 379055
Ion Ratio Lower Upper
82 100
128 33.5 26.1 39.1
54 48.4 40.6 60.8

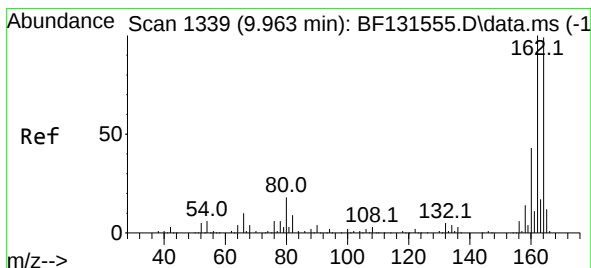
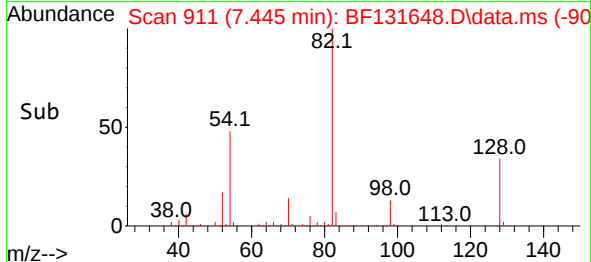
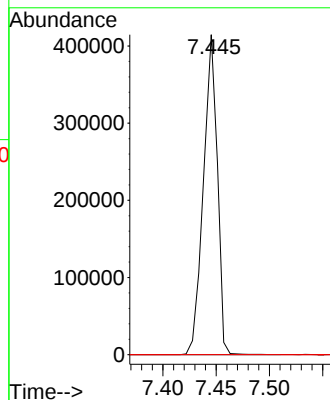
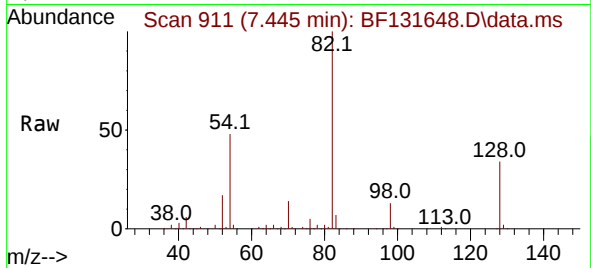




#25
Isophorone
Concen: 39.651 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131648.D
Acq: 15 Dec 2022 14:35

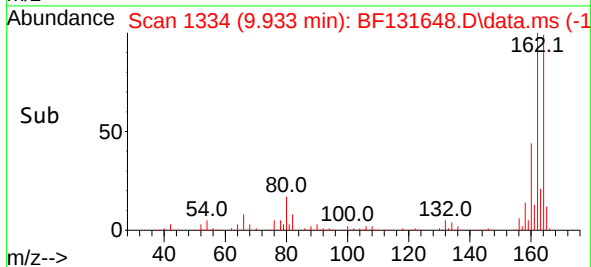
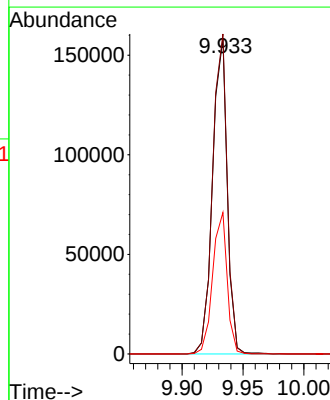
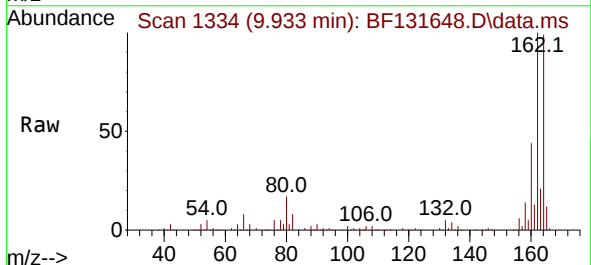
Instrument :
BNA_F
ClientSampleId :
RB-30-(6-8)

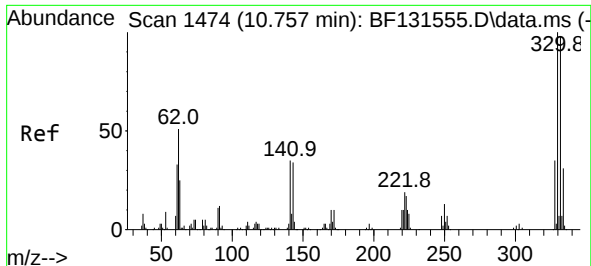
Tgt Ion: 82 Resp: 379051
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131648.D
Acq: 15 Dec 2022 14:35

Tgt Ion:164 Resp: 132762
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.6
160 44.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 108.836 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131648.D

Acq: 15 Dec 2022 14:35

Instrument :

BNA_F

ClientSampleId :

RB-30-(6-8)

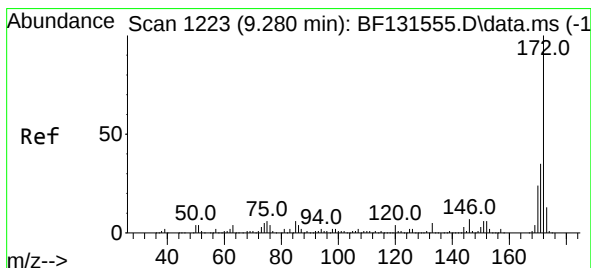
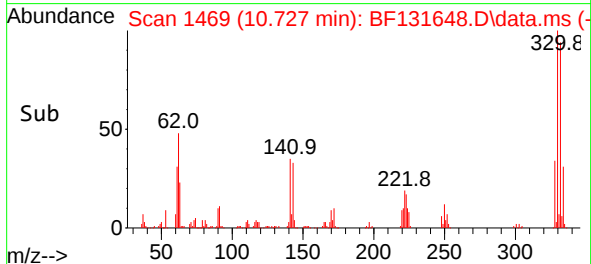
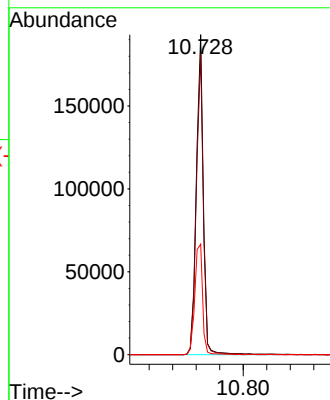
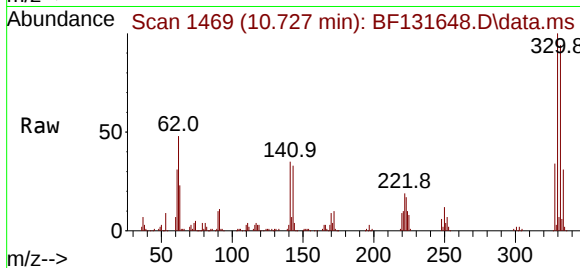
Tgt Ion:330 Resp: 160536

Ion Ratio Lower Upper

330 100

332 93.3 78.3 117.5

141 38.6 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 62.678 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131648.D

Acq: 15 Dec 2022 14:35

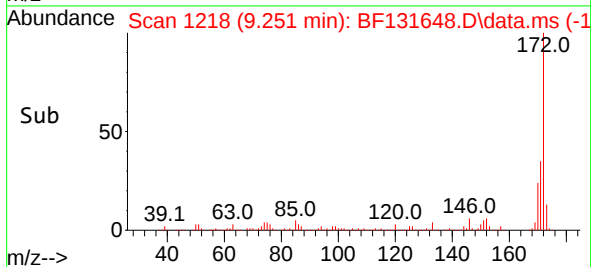
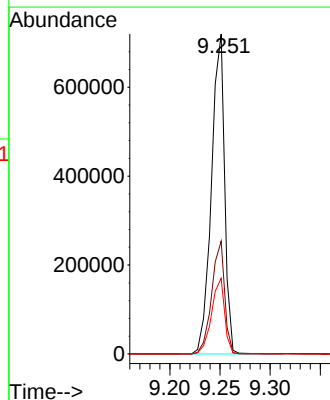
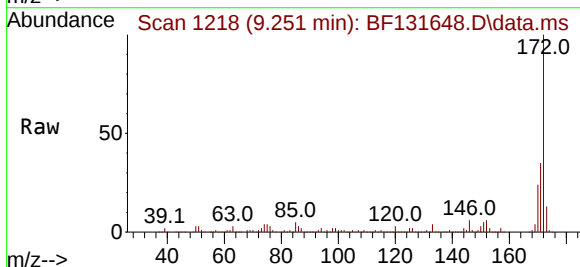
Tgt Ion:172 Resp: 659962

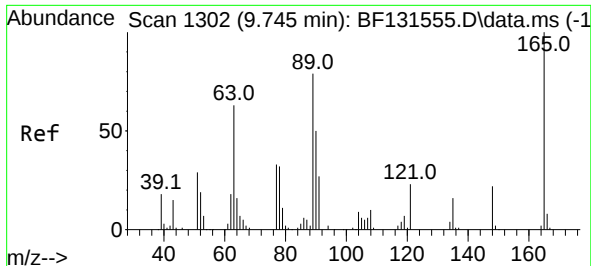
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.7 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 7.828 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF131648.D

Acq: 15 Dec 2022 14:35

Instrument :

BNA_F

ClientSampleId :

RB-30-(6-8)

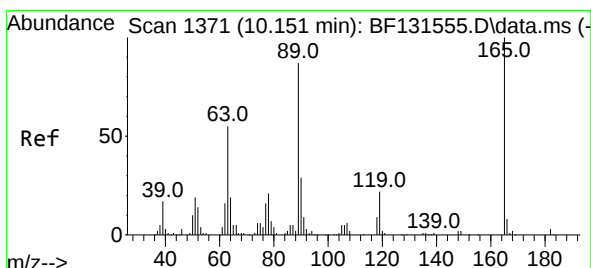
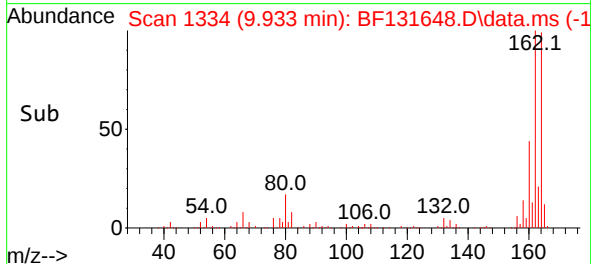
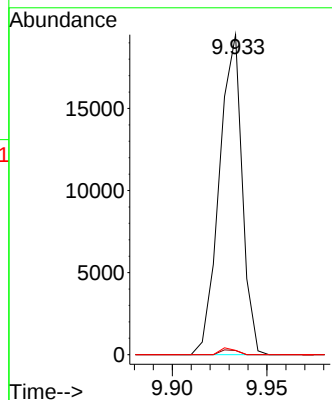
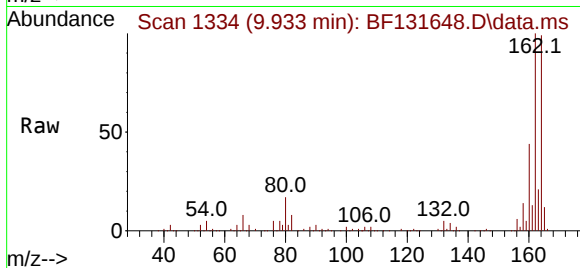
Tgt Ion:165 Resp: 16356

Ion Ratio Lower Upper

165 100

63 1.3 67.9 101.9#

89 1.3 63.2 94.8#



#57

2,4-Dinitrotoluene

Concen: 5.901 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.194 min

Lab File: BF131648.D

Acq: 15 Dec 2022 14:35

Tgt Ion:165 Resp: 16356

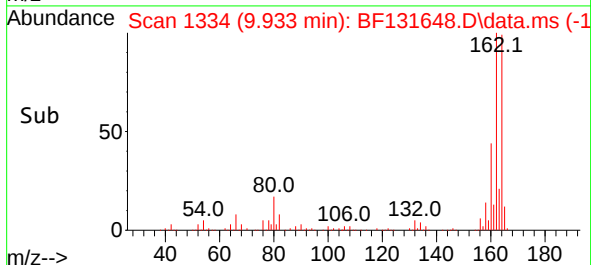
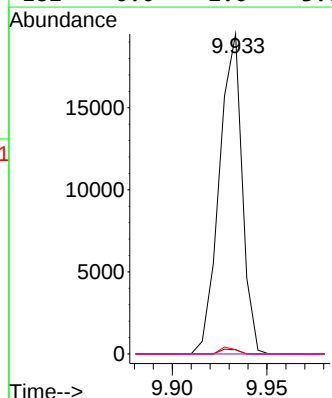
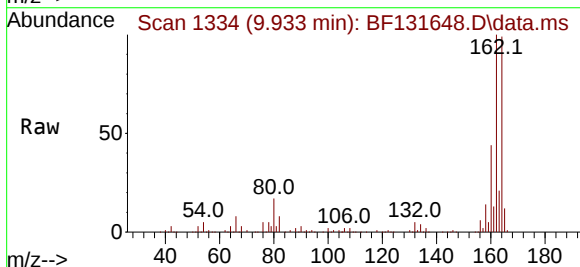
Ion Ratio Lower Upper

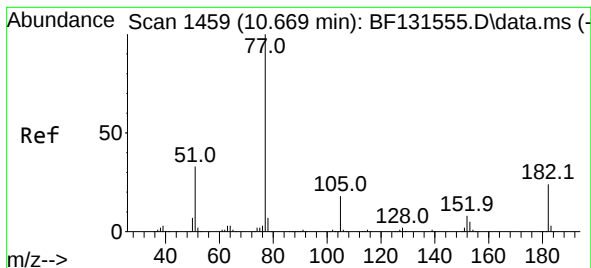
165 100

63 1.3 44.4 66.6#

89 1.3 69.6 104.4#

182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.368 ng

RT: 10.651 min Scan# 14

Delta R.T. 0.012 min

Lab File: BF131648.D

Acq: 15 Dec 2022 14:35

Instrument :

BNA_F

ClientSampleId :

RB-30-(6-8)

Tgt Ion: 77 Resp: 26230

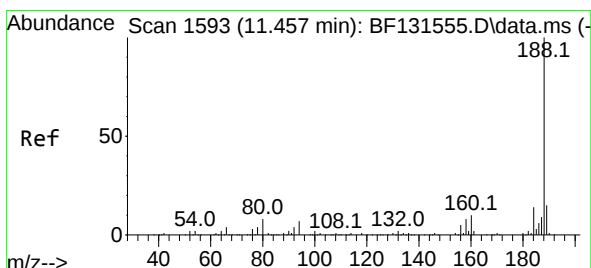
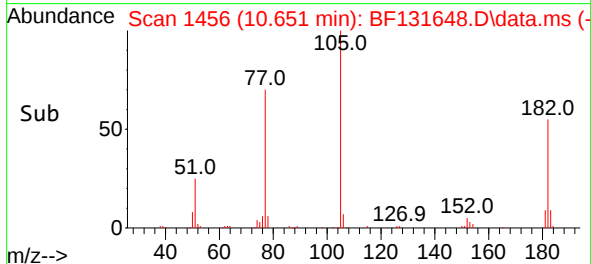
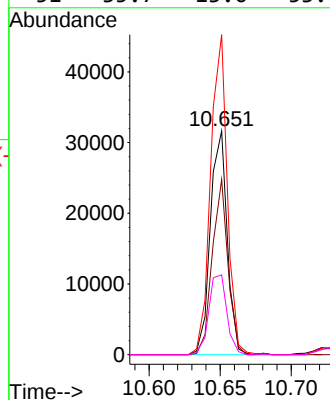
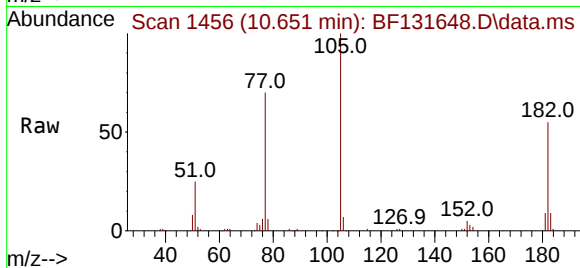
Ion Ratio Lower Upper

77 100

182 78.4 3.9 43.9#

105 143.1 0.0 38.3#

51 35.7 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: BF131648.D

Acq: 15 Dec 2022 14:35

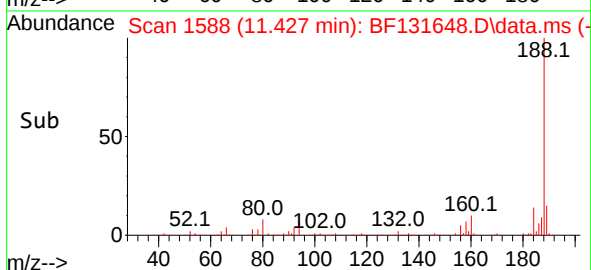
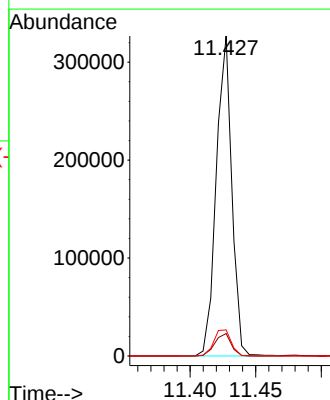
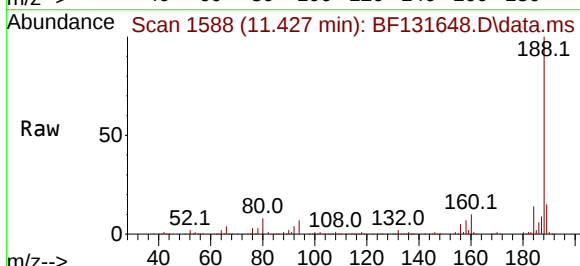
Tgt Ion:188 Resp: 268447

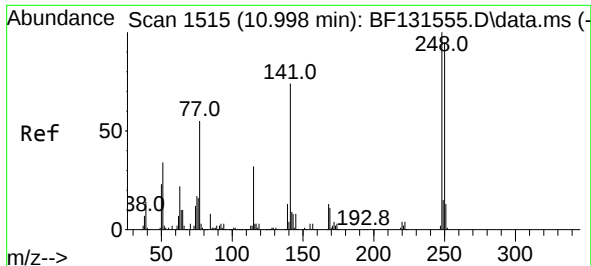
Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

80 8.1 6.6 10.0

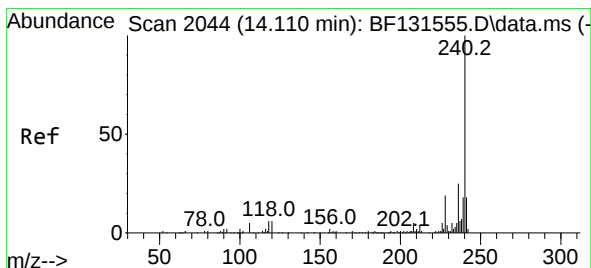
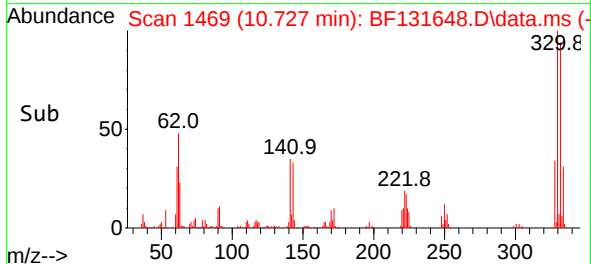
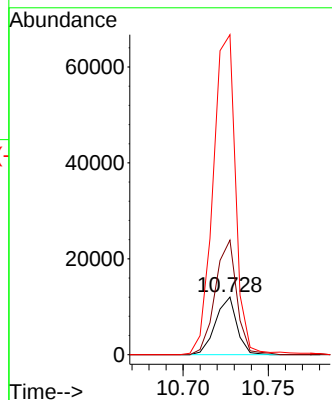
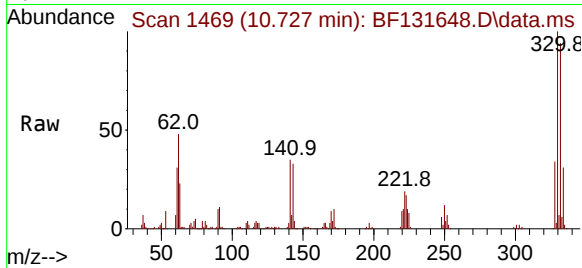




#67
4-Bromophenyl-phenylether
Concen: 3.044 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131648.D
Acq: 15 Dec 2022 14:35

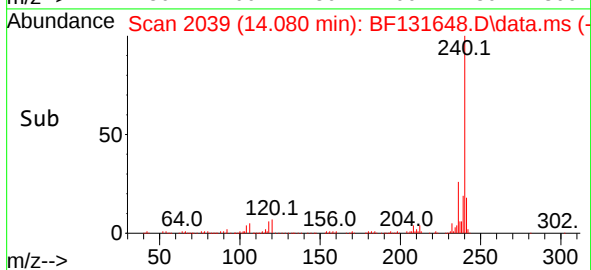
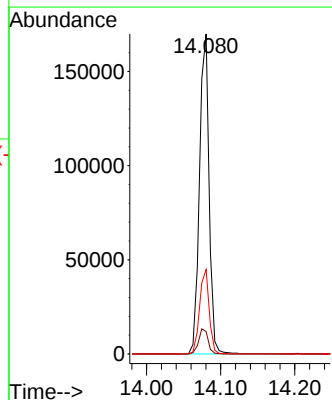
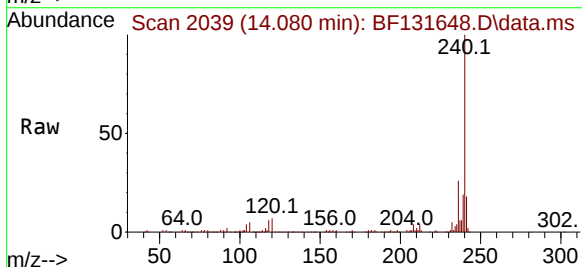
Instrument :
BNA_F
ClientSampleId :
RB-30-(6-8)

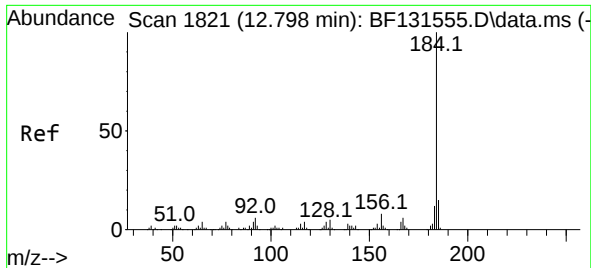
Tgt Ion:248 Resp: 10513
Ion Ratio Lower Upper
248 100
250 199.2 76.2 114.2#
141 555.9 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131648.D
Acq: 15 Dec 2022 14:35

Tgt Ion:240 Resp: 152953
Ion Ratio Lower Upper
240 100
120 7.0 4.6 7.0#
236 26.4 20.2 30.2

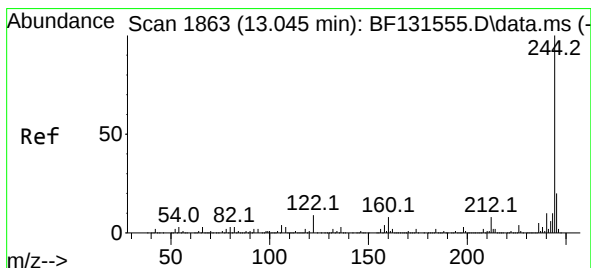
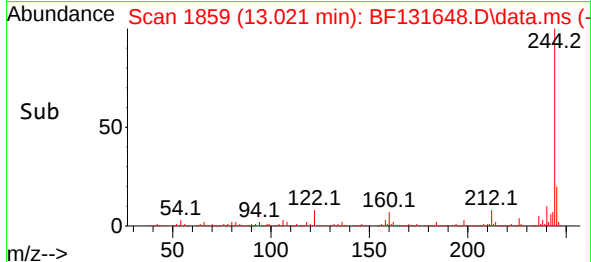
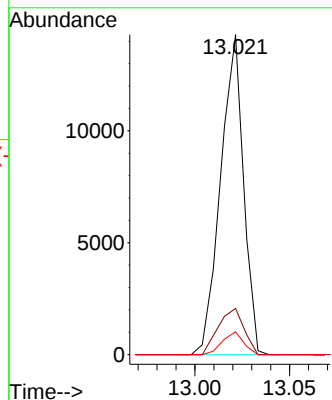
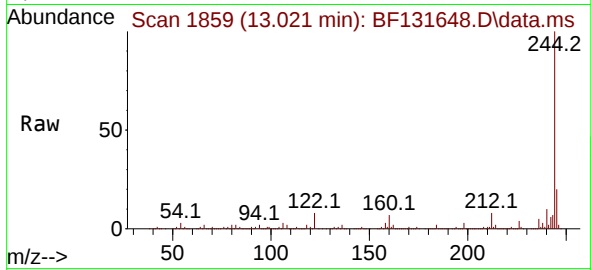




#77
Benzidine
Concen: 2.939 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131648.D
Acq: 15 Dec 2022 14:35

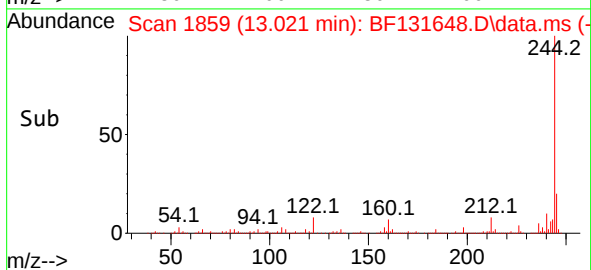
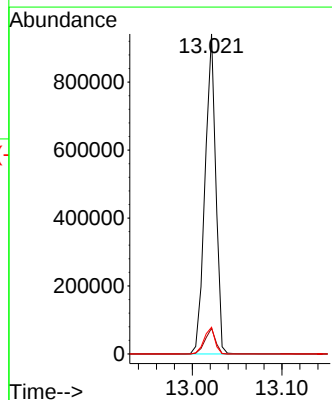
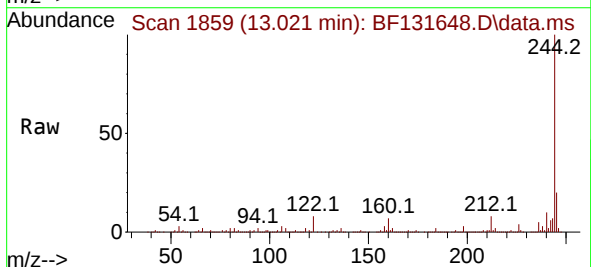
Instrument :
BNA_F
ClientSampleId :
RB-30-(6-8)

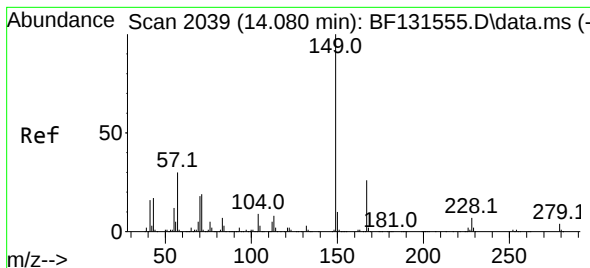
Tgt Ion:184 Resp: 12045
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 7.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 70.379 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF131648.D
Acq: 15 Dec 2022 14:35

Tgt Ion:244 Resp: 784936
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 8.3 7.1 10.7

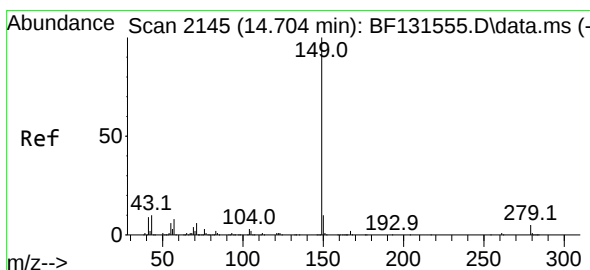
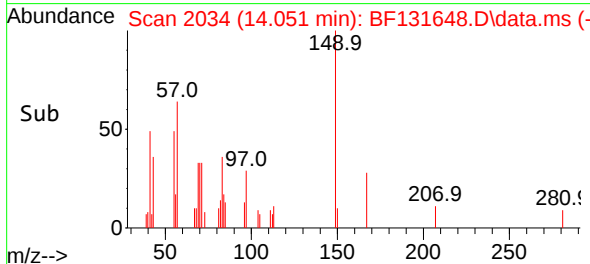
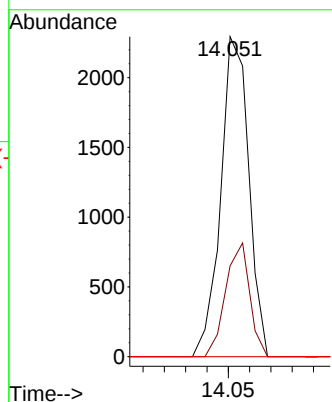
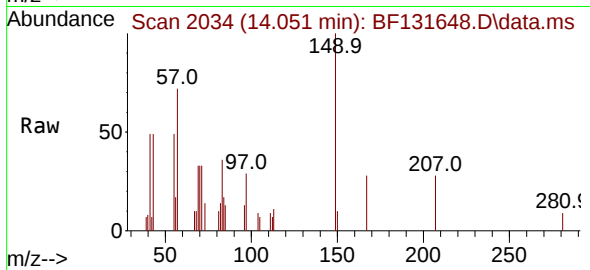




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.362 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF131648.D
 Acq: 15 Dec 2022 14:35

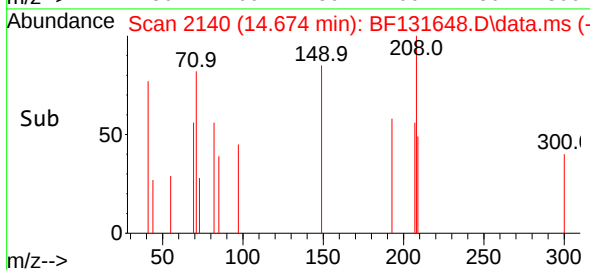
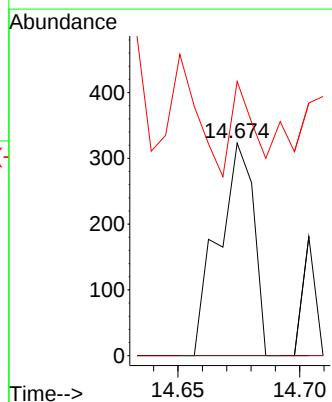
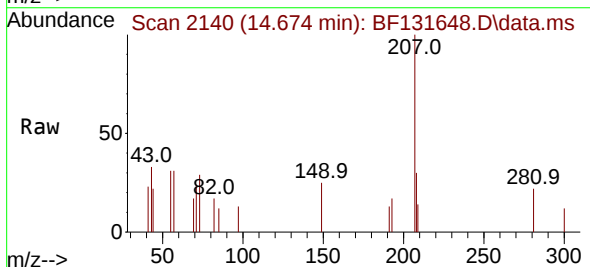
Instrument :
 BNA_F
 ClientSampleId :
 RB-30-(6-8)

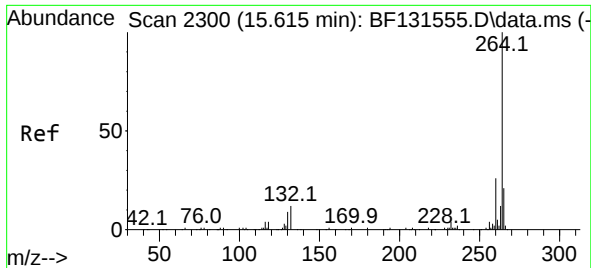
Tgt Ion:149 Resp: 2096
 Ion Ratio Lower Upper
 149 100
 167 28.4 20.8 31.2
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 5.249 ng
 RT: 14.674 min Scan# 2140
 Delta R.T. 0.000 min
 Lab File: BF131648.D
 Acq: 15 Dec 2022 14:35

Tgt Ion:149 Resp: 327
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 27.5 8.6 13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131648.D
Acq: 15 Dec 2022 14:35

Instrument :
BNA_F
ClientSampleId :
RB-30-(6-8)

Tgt Ion:264 Resp: 135907
Ion Ratio Lower Upper
264 100
260 23.3 20.6 30.8
265 21.2 16.8 25.2

