

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131471.D
 Acq On : 30 Nov 2022 15:02
 Operator : CG\JU
 Sample : N5793-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-40-SB02

Quant Time: Dec 01 01:12:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 01:09:58 2022
 Response via : Initial Calibration

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

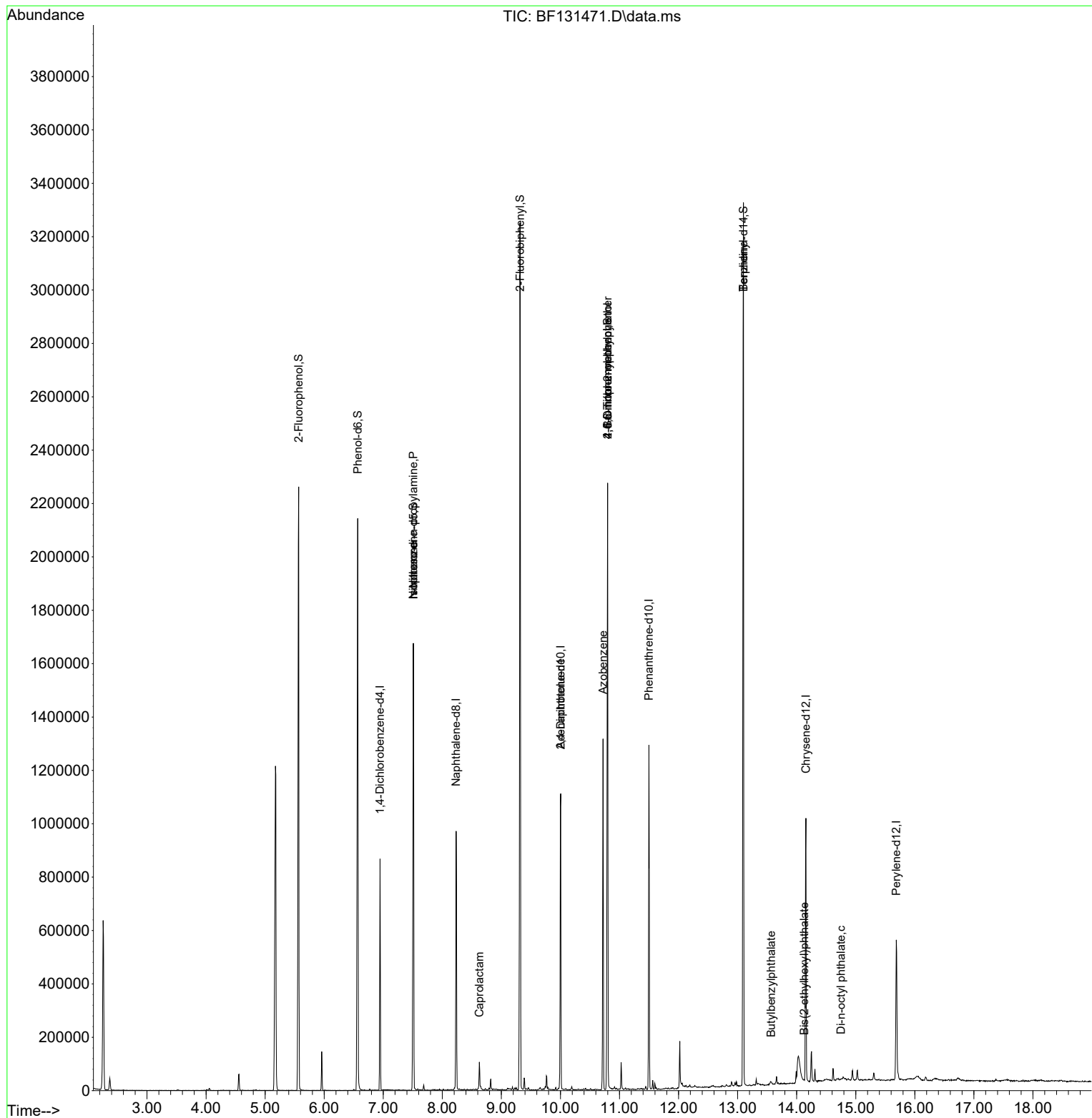
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	116759	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	422823	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	240068	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	445657	20.000	ng	# 0.00
76) Chrysene-d12	14.157	240	348629	20.000	ng	0.00
86) Perylene-d12	15.686	264	258741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	612835	99.894	ng	0.01
7) Phenol-d6	6.569	99	736979	94.155	ng	0.00
23) Nitrobenzene-d5	7.510	82	569719	67.921	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	277236	137.265	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1058570	64.150	ng	0.00
79) Terphenyl-d14	13.098	244	1220550	57.251	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	130	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.510	70	75735	13.217	ng	# 71
25) Isophorone	7.510	82	568609	37.996	ng	# 68
35) Caprolactam	8.628	113	10200	6.168	ng	# 85
57) 2,4-Dinitrotoluene	10.004	165	31773	7.549	ng	# 18
63) Azobenzene	10.722	77	209145	12.316	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.798	198	686	4.976	ng	# 15
67) 4-Bromophenyl-phenylether	10.798	248	16816	3.079	ng	# 1
77) Benzidine	13.098	184	15009	2.331	ng	# 95
80) Butylbenzylphthalate	13.569	149	1206	4.250	ng	# 66
84) Bis(2-ethylhexyl)phtha...	14.127	149	1669	3.861	ng	# 98
85) Di-n-octyl phthalate	14.751	149	1087	3.965	ng	# 1

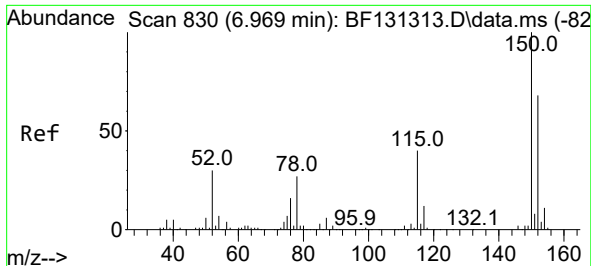
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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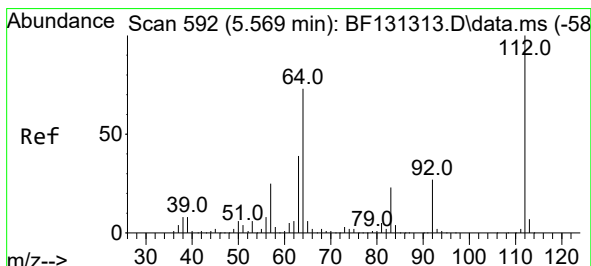
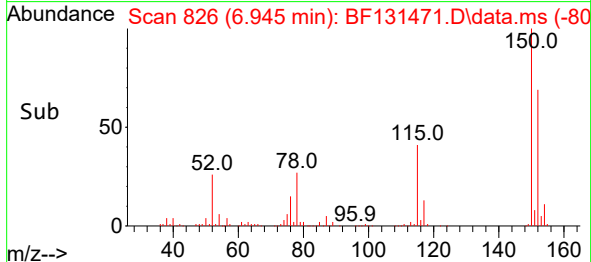
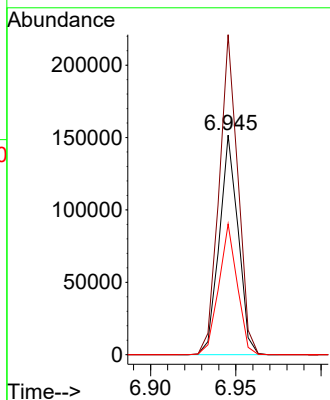
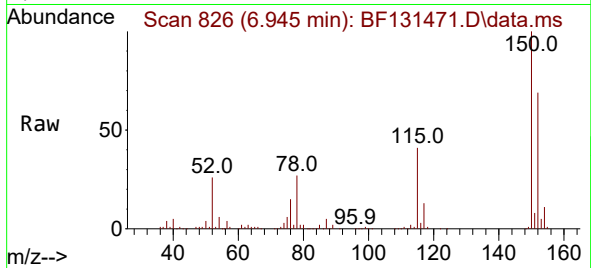




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131471.D
Acq: 30 Nov 2022 15:02

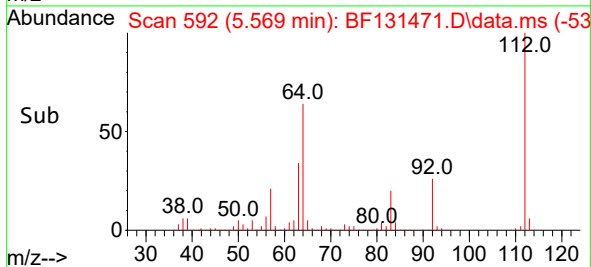
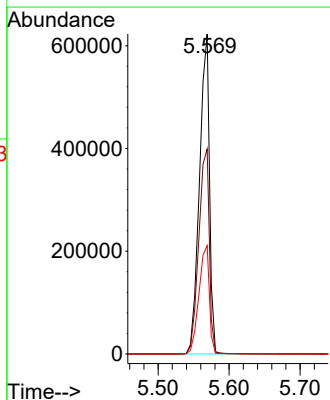
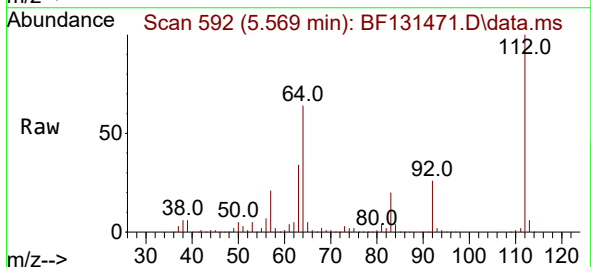
Instrument :
BNA_F
ClientSampleId :
B-40-SB02

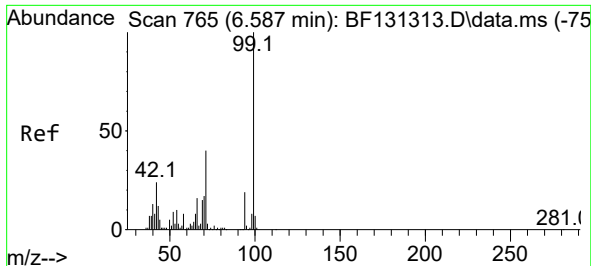
Tgt Ion:152 Resp: 116759
Ion Ratio Lower Upper
152 100
150 145.8 117.8 176.8
115 59.6 47.1 70.7



#5
2-Fluorophenol
Concen: 99.894 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131471.D
Acq: 30 Nov 2022 15:02

Tgt Ion:112 Resp: 612835
Ion Ratio Lower Upper
112 100
64 64.1 58.6 88.0
63 33.9 31.4 47.0

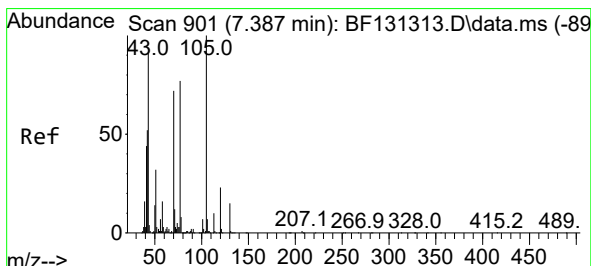
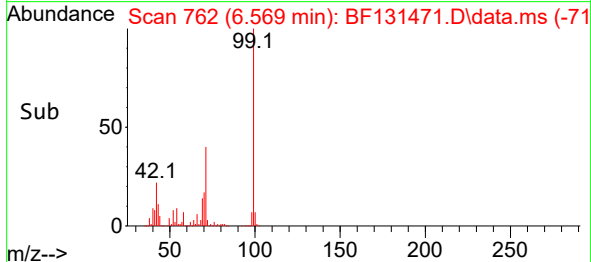
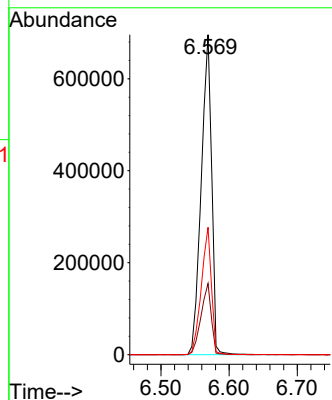
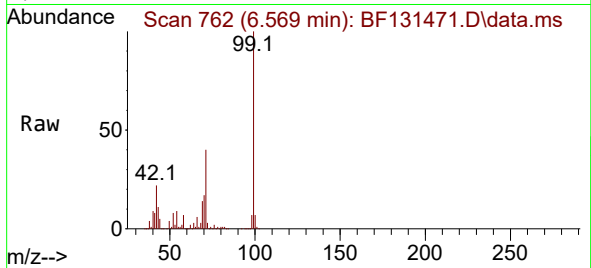




#7
Phenol-d6
Concen: 94.155 ng
RT: 6.569 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF131471.D
Acq: 30 Nov 2022 15:02

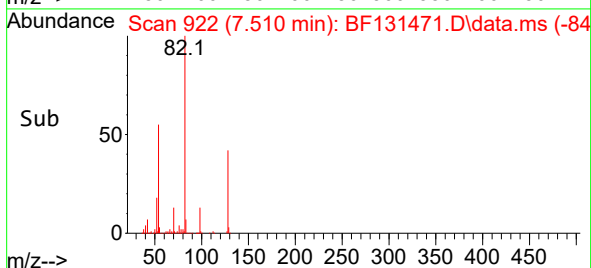
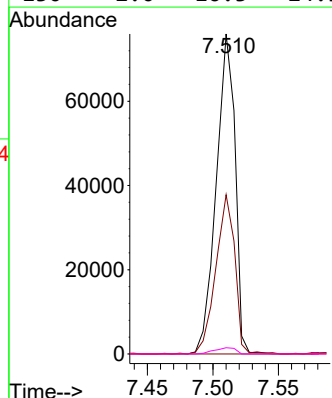
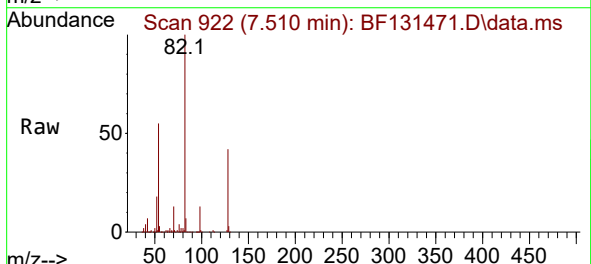
Instrument :
BNA_F
ClientSampleId :
B-40-SB02

Tgt Ion: 99 Resp: 736979
Ion Ratio Lower Upper
99 100
42 22.2 19.4 29.2
71 39.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.217 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF131471.D
Acq: 30 Nov 2022 15:02

Tgt Ion: 70 Resp: 75735
Ion Ratio Lower Upper
70 100
42 49.8 57.6 86.4#
101 0.0 8.2 12.2#
130 2.0 16.3 24.5#

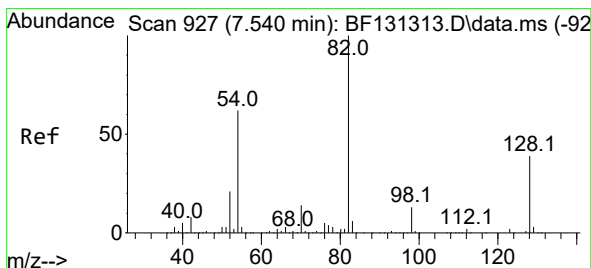
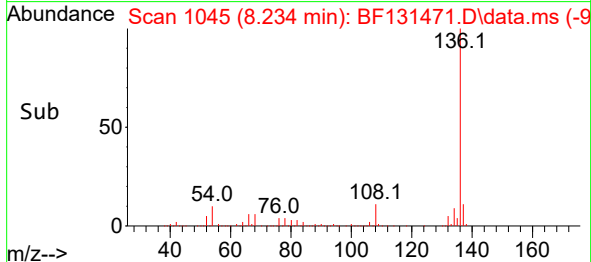
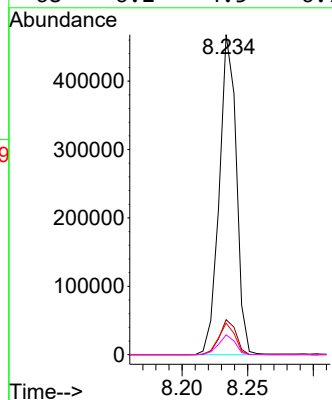
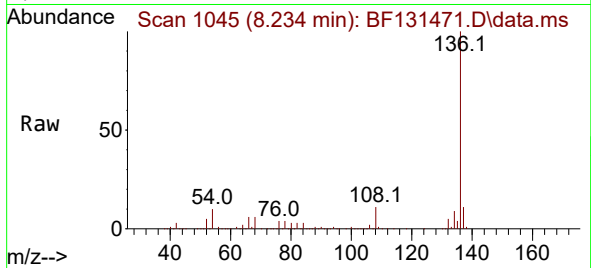




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131471.D
Acq: 30 Nov 2022 15:02

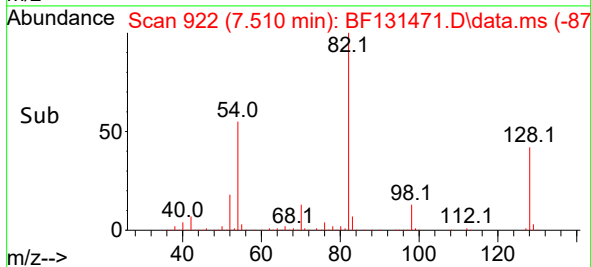
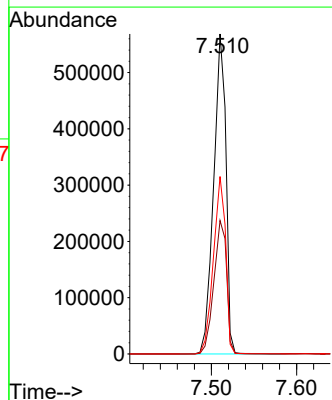
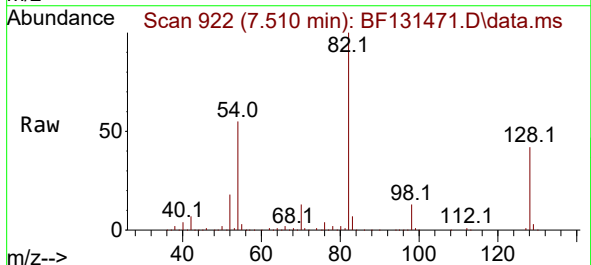
Instrument :
BNA_F
ClientSampleId :
B-40-SB02

Tgt Ion:136 Resp: 422823
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.9 9.4 14.0
68 6.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 67.921 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF131471.D
Acq: 30 Nov 2022 15:02

Tgt Ion: 82 Resp: 569719
Ion Ratio Lower Upper
82 100
128 41.7 31.4 47.0
54 55.4 49.8 74.6

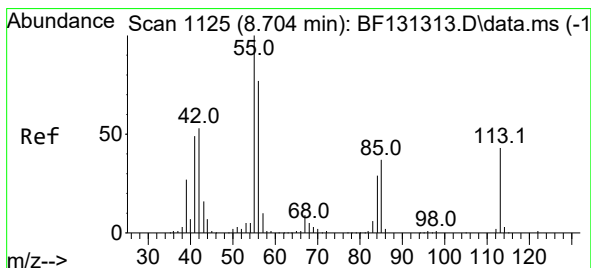
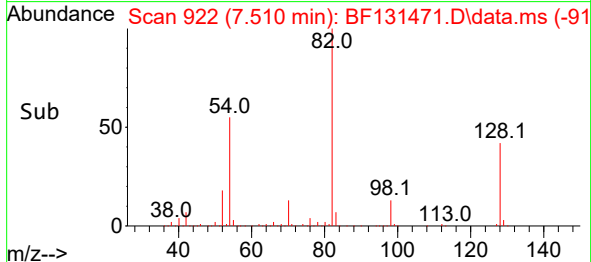
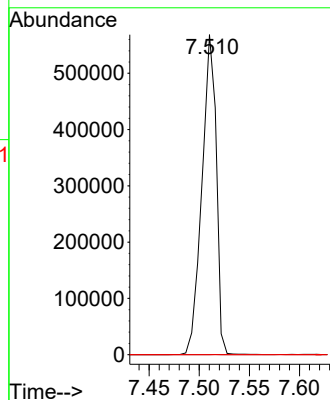
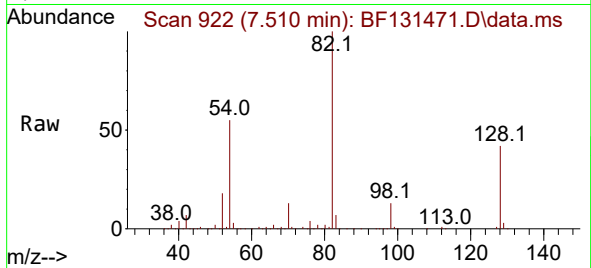




#25
Isophorone
Concen: 37.996 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131471.D
Acq: 30 Nov 2022 15:02

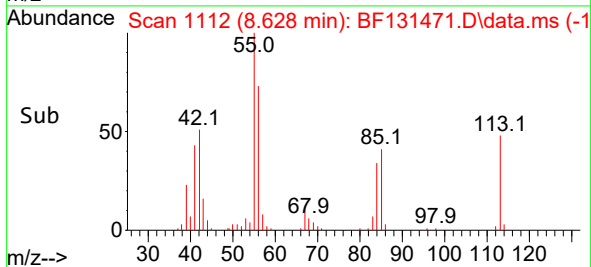
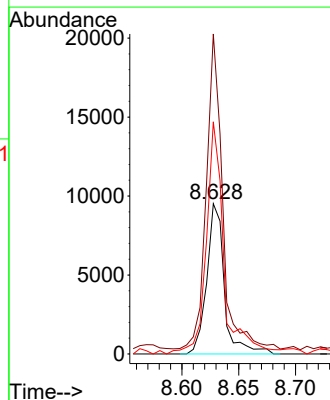
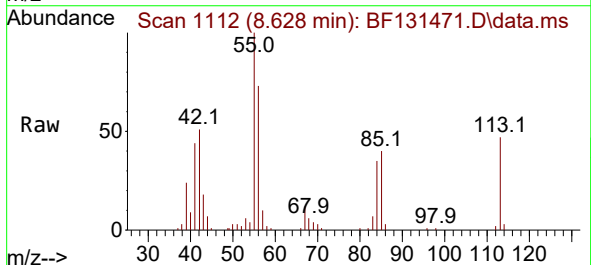
Instrument :
BNA_F
ClientSampleId :
B-40-SB02

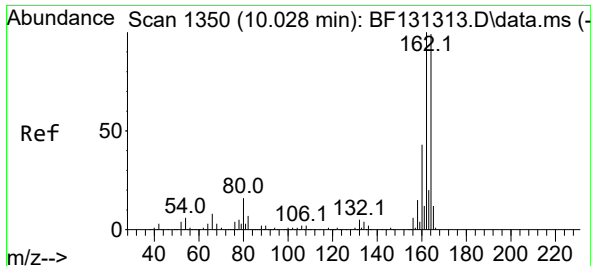
Tgt Ion: 82 Resp: 568609
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#35
Caprolactam
Concen: 6.168 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.059 min
Lab File: BF131471.D
Acq: 30 Nov 2022 15:02

Tgt Ion: 113 Resp: 10200
Ion Ratio Lower Upper
113 100
55 212.9 214.5 254.5#
56 154.5 159.4 199.4#

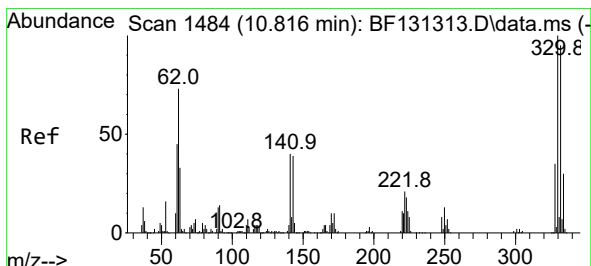
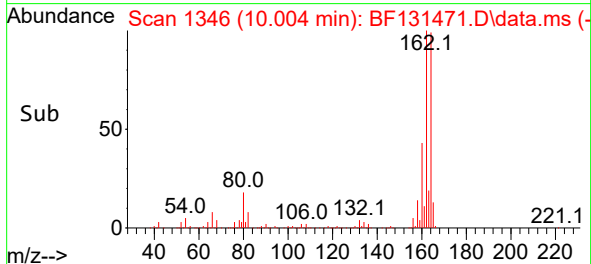
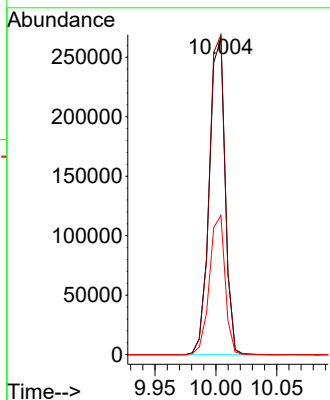
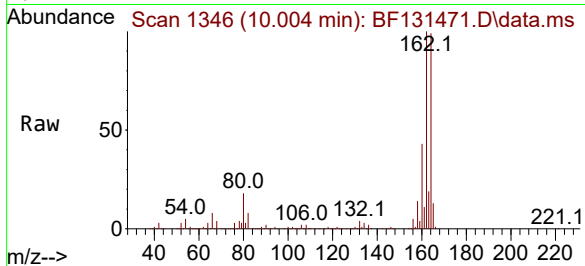




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131471.D
Acq: 30 Nov 2022 15:02

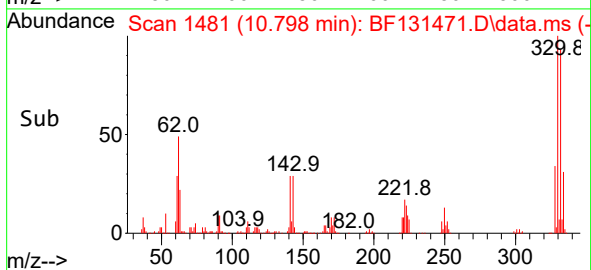
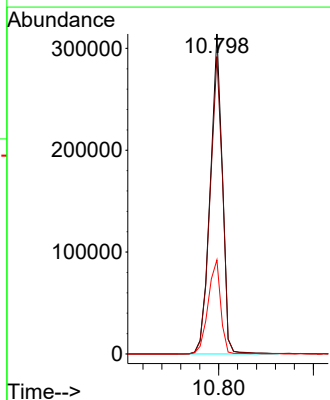
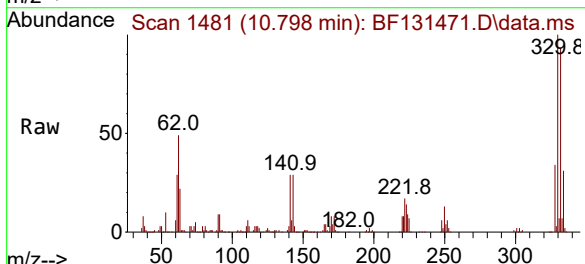
Instrument :
BNA_F
ClientSampleId :
B-40-SB02

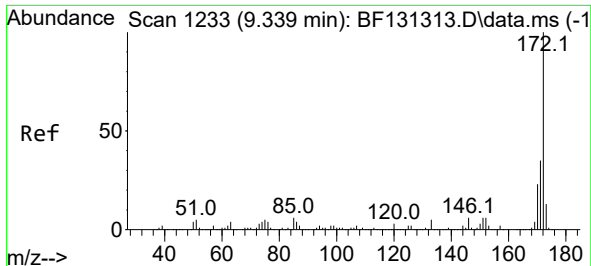
Tgt Ion:164 Resp: 240068
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 44.0 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 137.265 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF131471.D
Acq: 30 Nov 2022 15:02

Tgt Ion:330 Resp: 277236
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 30.6 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 64.150 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131471.D

Acq: 30 Nov 2022 15:02

Instrument :

BNA_F

ClientSampleId :

B-40-SB02

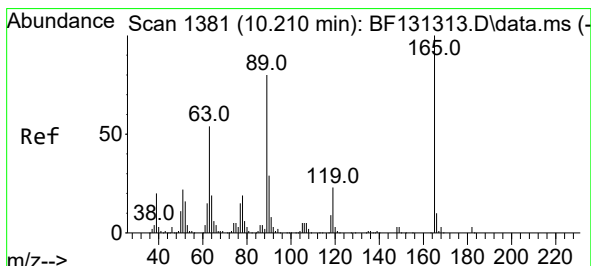
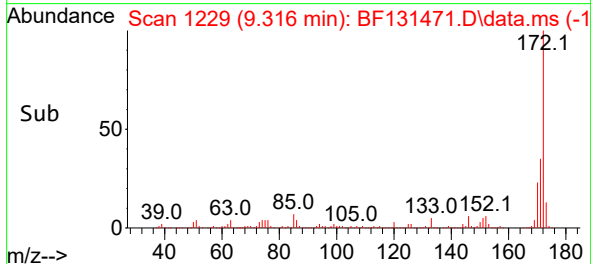
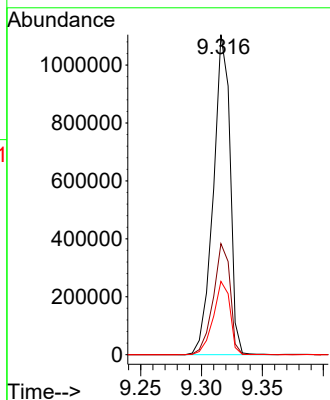
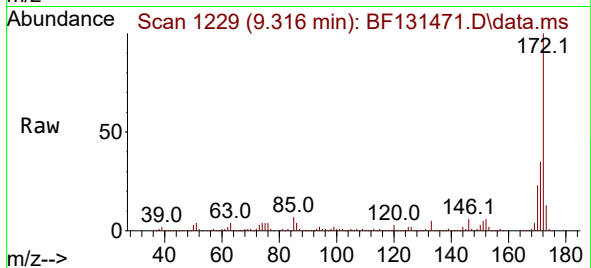
Tgt Ion:172 Resp: 1058570

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 22.9 18.7 28.1



#57

2,4-Dinitrotoluene

Concen: 7.549 ng

RT: 10.004 min Scan# 1346

Delta R.T. -0.188 min

Lab File: BF131471.D

Acq: 30 Nov 2022 15:02

Tgt Ion:165 Resp: 31773

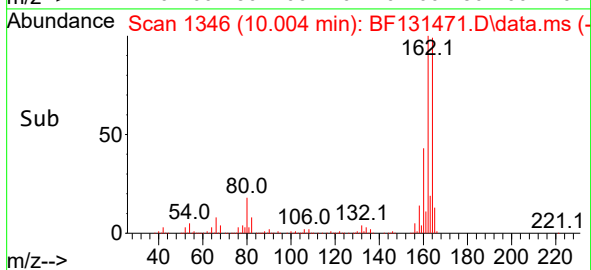
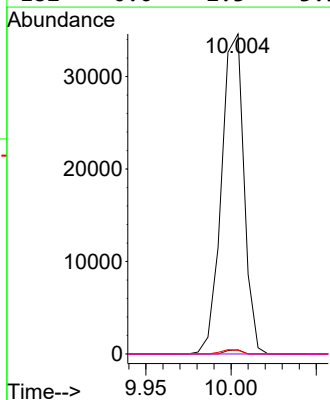
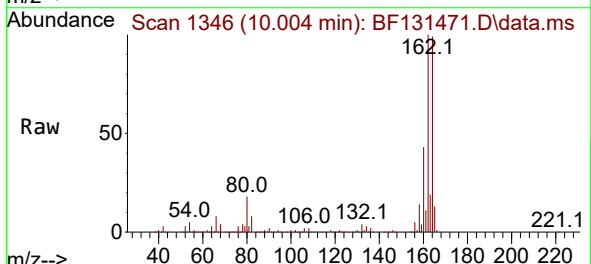
Ion Ratio Lower Upper

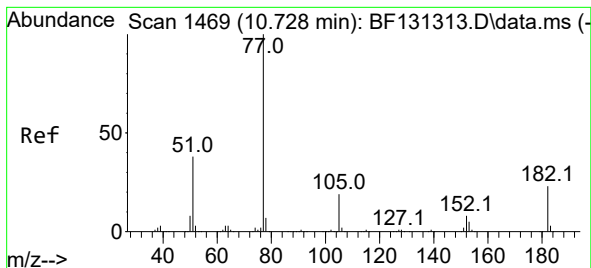
165 100

63 1.3 43.4 65.2#

89 1.1 64.0 96.0#

182 0.0 2.3 3.5#





#63

Azobenzene

Concen: 12.316 ng

RT: 10.722 min Scan# 1469

Delta R.T. 0.012 min

Lab File: BF131471.D

Acq: 30 Nov 2022 15:02

Instrument :

BNA_F

ClientSampleId :

B-40-SB02

Tgt Ion: 77 Resp: 209145

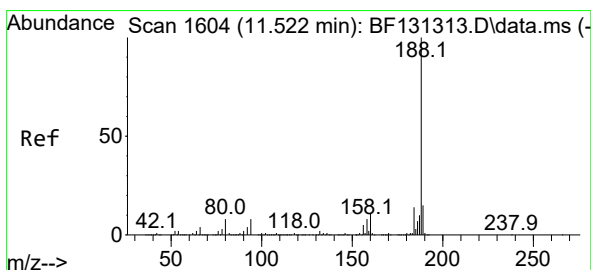
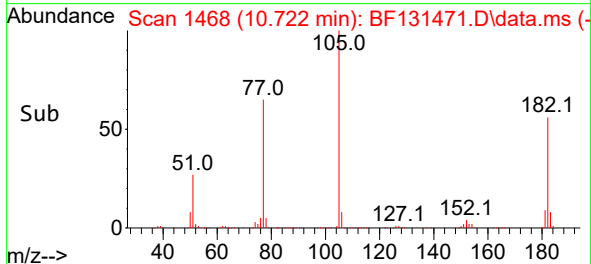
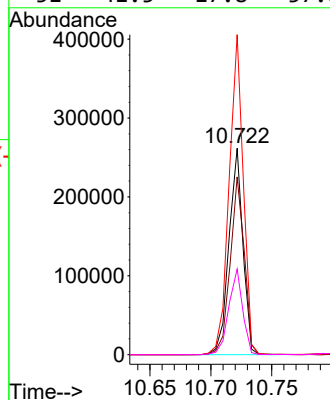
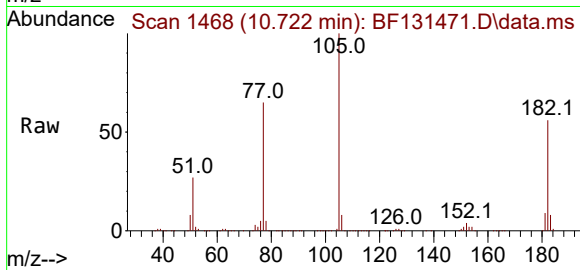
Ion Ratio Lower Upper

77 100

182 86.1 3.1 43.1#

105 155.0 0.0 39.2#

51 41.5 17.8 57.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1600

Delta R.T. -0.006 min

Lab File: BF131471.D

Acq: 30 Nov 2022 15:02

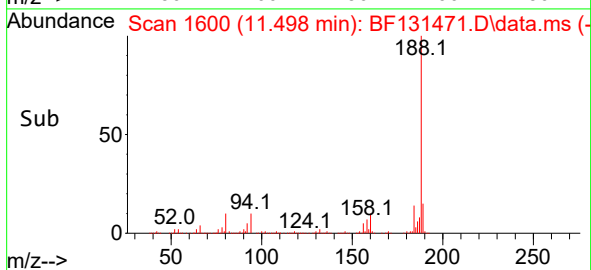
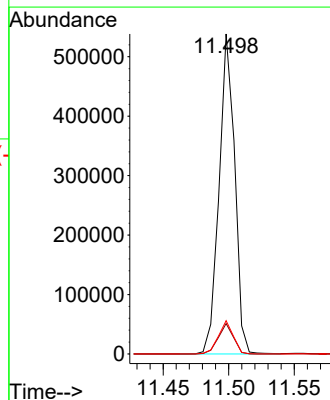
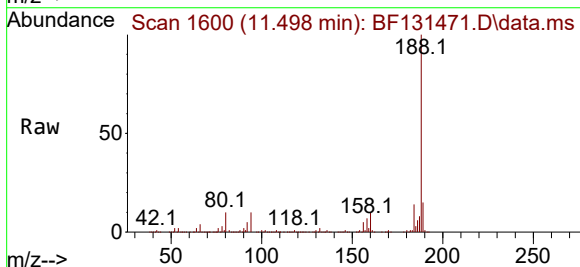
Tgt Ion: 188 Resp: 445657

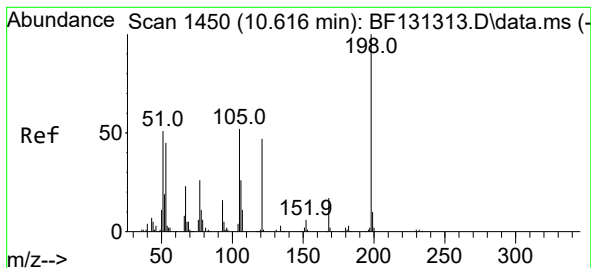
Ion Ratio Lower Upper

188 100

94 9.5 6.3 9.5#

80 10.4 6.8 10.2#

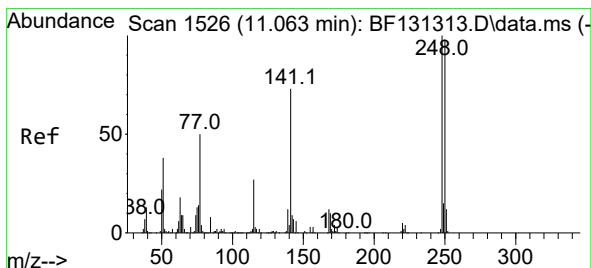
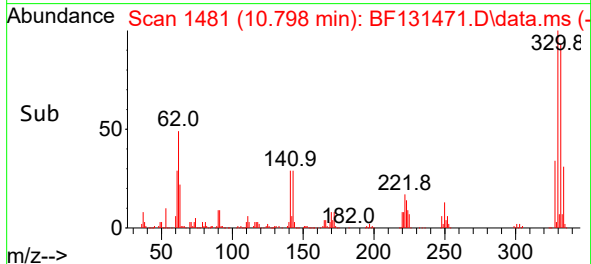
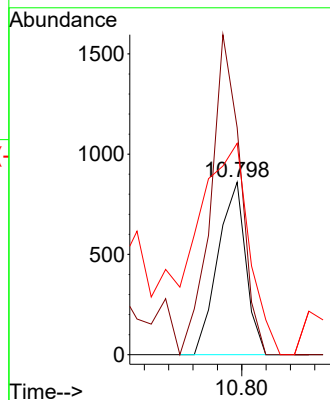
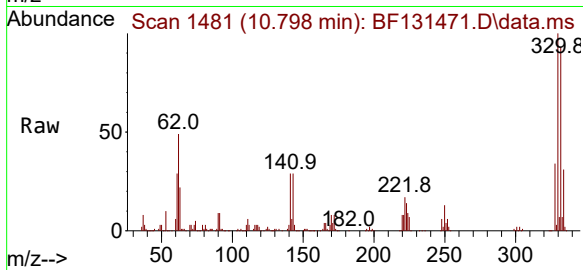




#65
4,6-Dinitro-2-methylphenol
Concen: 4.976 ng
RT: 10.798 min Scan# 1450
Delta R.T. 0.200 min
Lab File: BF131471.D
Acq: 30 Nov 2022 15:02

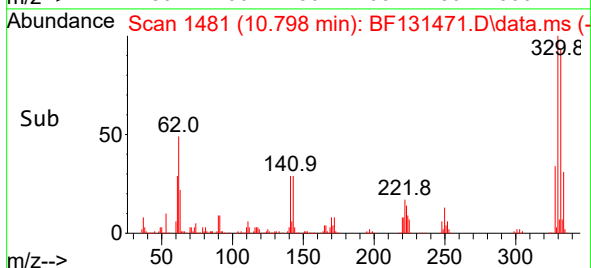
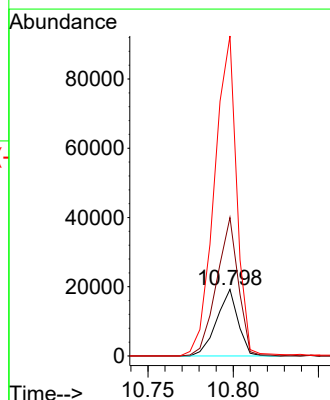
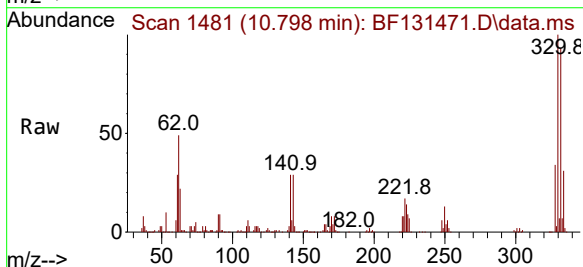
Instrument :
BNA_F
ClientSampleId :
B-40-SB02

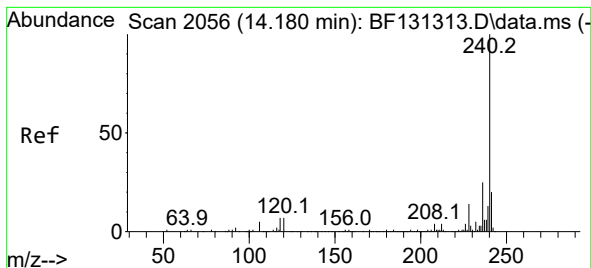
Tgt Ion:198 Resp: 686
Ion Ratio Lower Upper
198 100
51 131.6 50.1 90.1#
105 122.6 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.079 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.241 min
Lab File: BF131471.D
Acq: 30 Nov 2022 15:02

Tgt Ion:248 Resp: 16816
Ion Ratio Lower Upper
248 100
250 208.2 78.3 117.5#
141 481.3 58.0 87.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 2052

Delta R.T. 0.000 min

Lab File: BF131471.D

Acq: 30 Nov 2022 15:02

Instrument :

BNA_F

ClientSampleId :

B-40-SB02

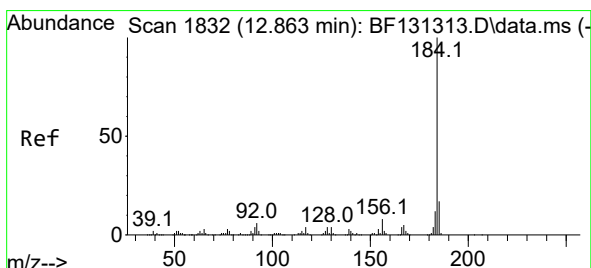
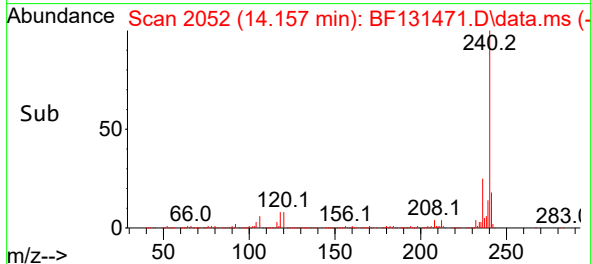
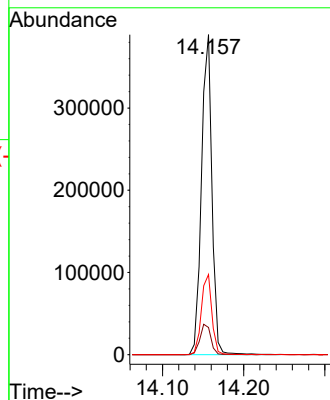
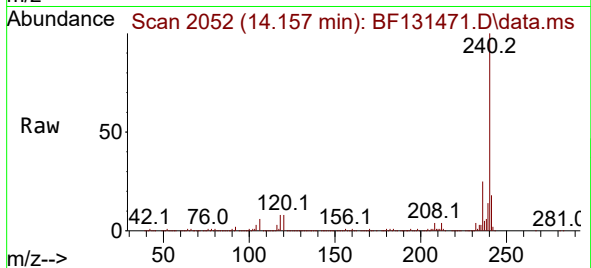
Tgt Ion:240 Resp: 348629

Ion Ratio Lower Upper

240 100

120 8.5 5.8 8.8

236 25.0 20.3 30.5



#77

Benzidine

Concen: 2.331 ng

RT: 13.098 min Scan# 1872

Delta R.T. 0.253 min

Lab File: BF131471.D

Acq: 30 Nov 2022 15:02

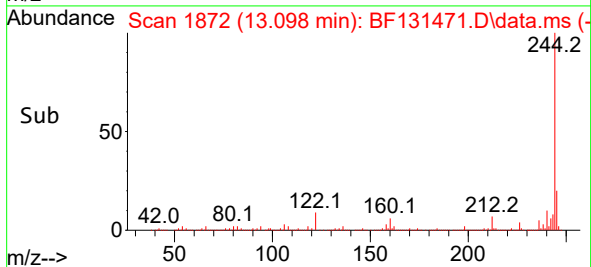
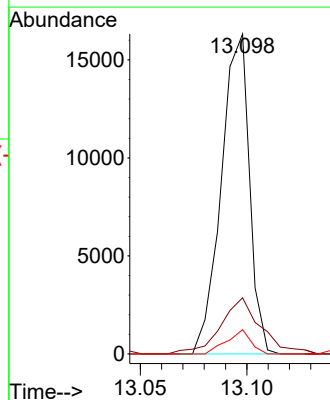
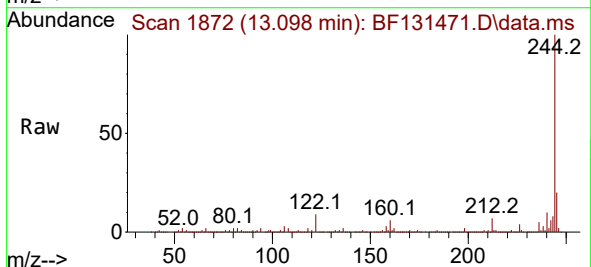
Tgt Ion:184 Resp: 15009

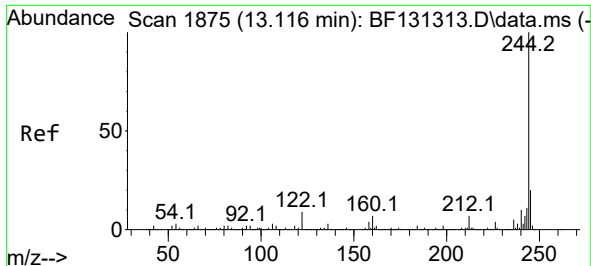
Ion Ratio Lower Upper

184 100

185 17.5 13.8 20.8

183 7.6 9.6 14.4#

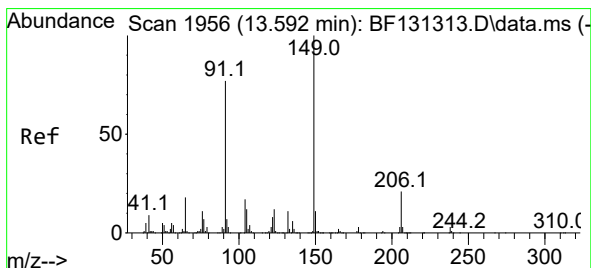
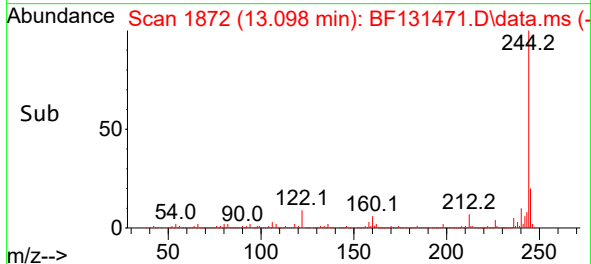
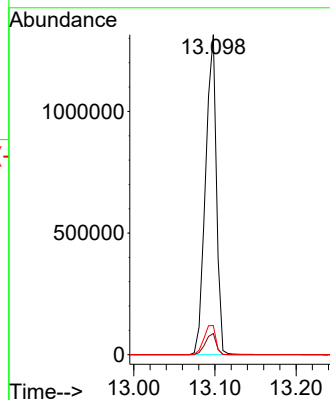
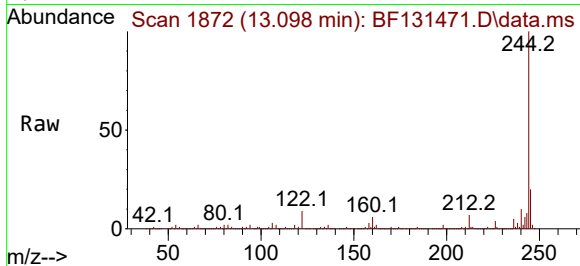




#79
 Terphenyl-d14
 Concen: 57.251 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: BF131471.D
 Acq: 30 Nov 2022 15:02

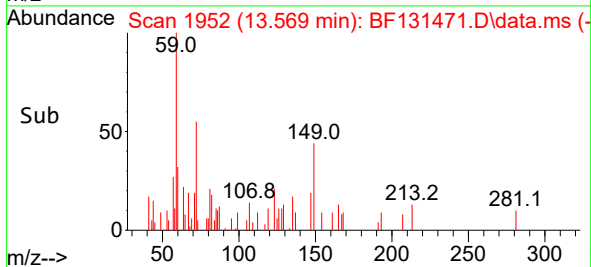
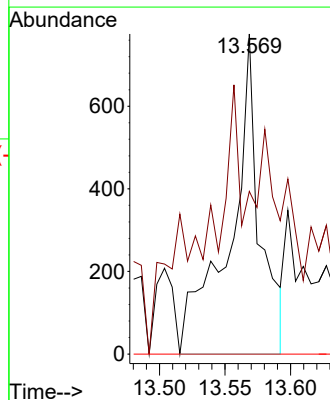
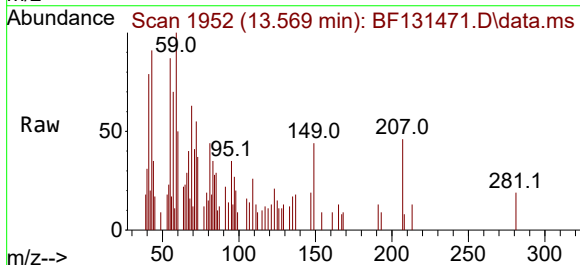
Instrument :
 BNA_F
 ClientSampleId :
 B-40-SB02

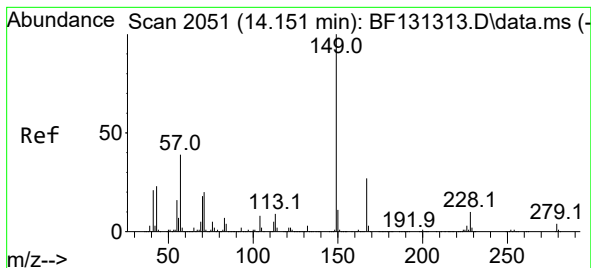
Tgt Ion:244 Resp: 1220550
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 9.1 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.250 ng
 RT: 13.569 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: BF131471.D
 Acq: 30 Nov 2022 15:02

Tgt Ion:149 Resp: 1206
 Ion Ratio Lower Upper
 149 100
 91 50.8 61.9 92.9#
 206 0.0 16.5 24.7#

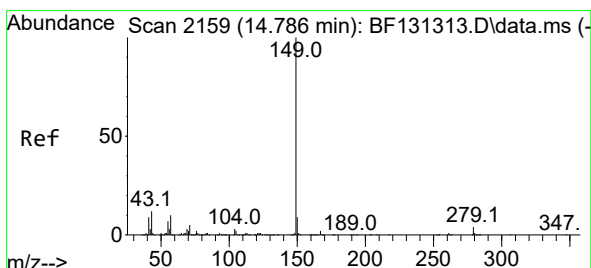
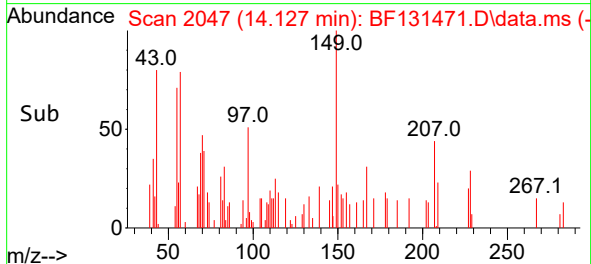
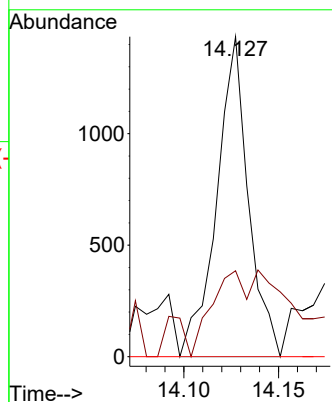
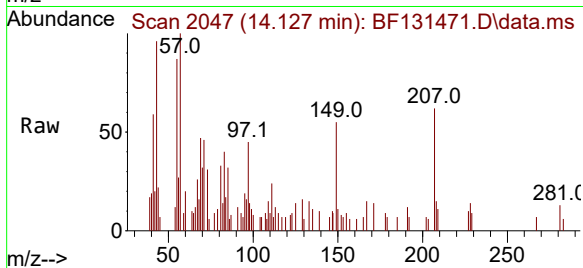




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.861 ng
 RT: 14.127 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: BF131471.D
 Acq: 30 Nov 2022 15:02

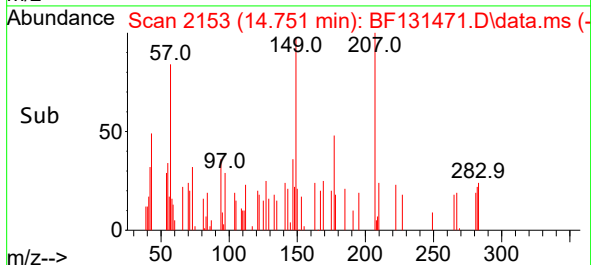
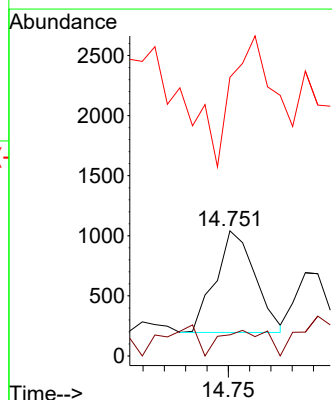
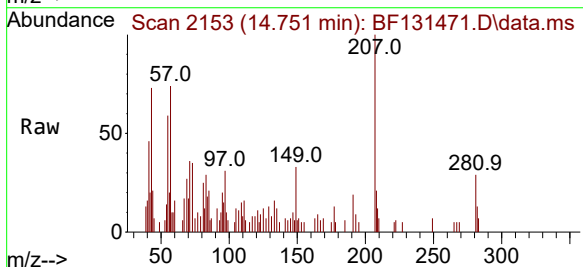
Instrument :
 BNA_F
 ClientSampleId :
 B-40-SB02

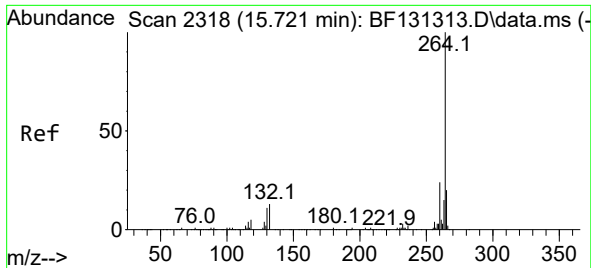
Tgt Ion:149 Resp: 1669
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.9 32.9
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.965 ng
 RT: 14.751 min Scan# 2153
 Delta R.T. -0.006 min
 Lab File: BF131471.D
 Acq: 30 Nov 2022 15:02

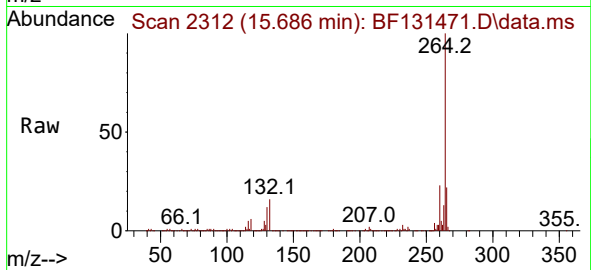
Tgt Ion:149 Resp: 1087
 Ion Ratio Lower Upper
 149 100
 167 29.9 1.2 1.8#
 43 139.7 10.7 16.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131471.D
 Acq: 30 Nov 2022 15:02

Instrument :
 BNA_F
 ClientSampleId :
 B-40-SB02



Tgt Ion:264 Resp: 258741
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 21.6 16.4 24.6

