

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131694.D
 Acq On : 19 Dec 2022 18:00
 Operator : CG\JU
 Sample : N6023-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE

Quant Time: Dec 20 01:05:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 00:23:43 2022
 Response via : Initial Calibration

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

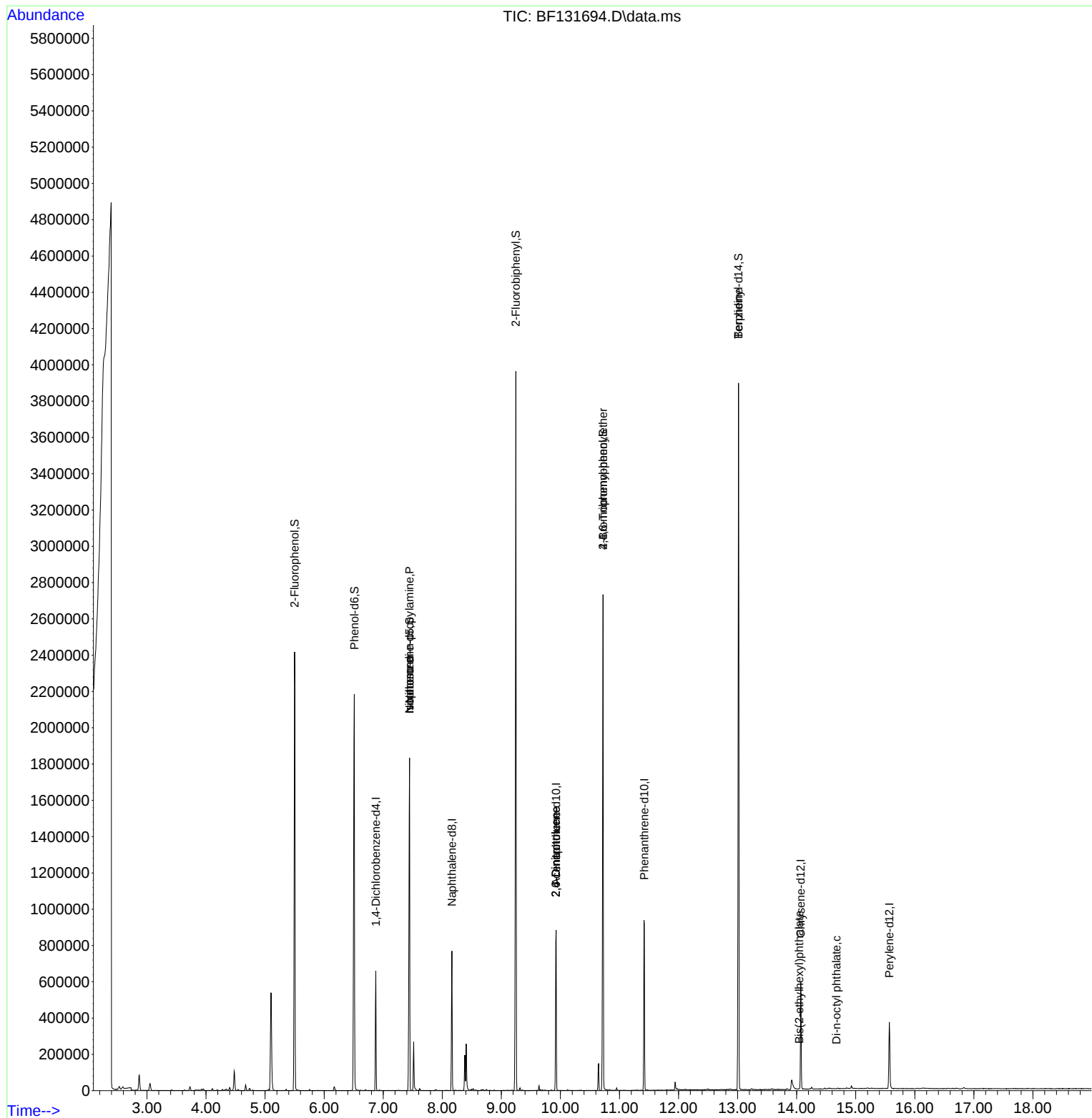
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	83278	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	306160	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	181935	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	353023	20.000	ng	0.00
76) Chrysene-d12	14.069	240	189267	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	171443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	658872	131.990	ng	0.02
7) Phenol-d6	6.510	99	781549	119.477	ng	0.00
23) Nitrobenzene-d5	7.445	82	646082	79.783	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	288145	142.551	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1154822	80.033	ng	0.00
79) Terphenyl-d14	13.016	244	1377005	99.776	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	90161	18.381	ng	# 75
25) Isophorone	7.445	82	644411	49.403	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	22869	7.987	ng	# 10
57) 2,4-Dinitrotoluene	9.922	165	22869	6.021	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	19105	4.207	ng	# 1
77) Benzidine	13.016	184	20842	4.110	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.045	149	1047	3.165	ng	# 81
85) Di-n-octyl phthalate	14.674	149	67	5.224	ng	# 1

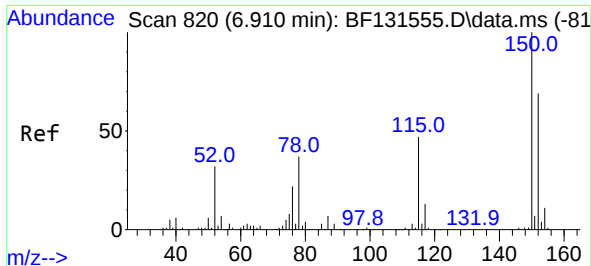
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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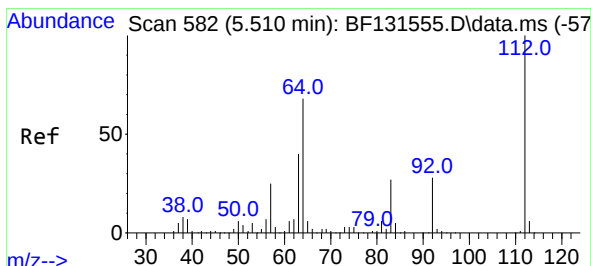
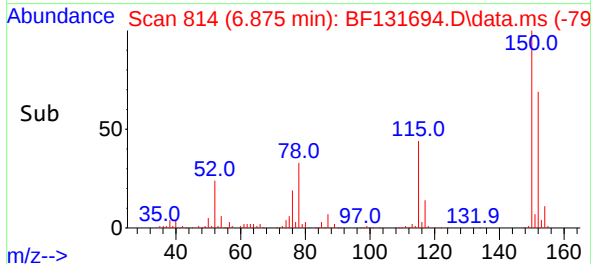
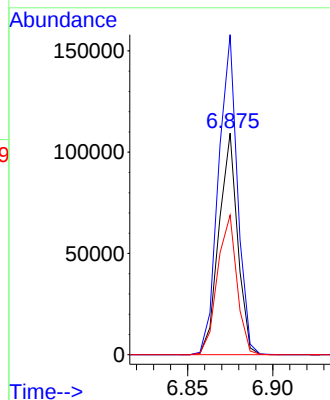
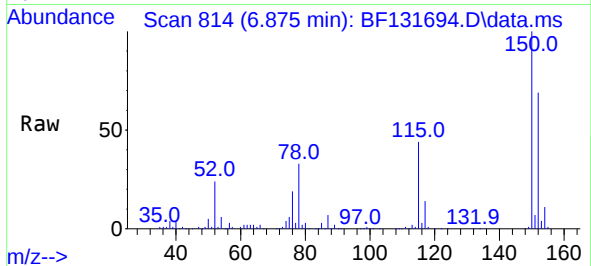




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

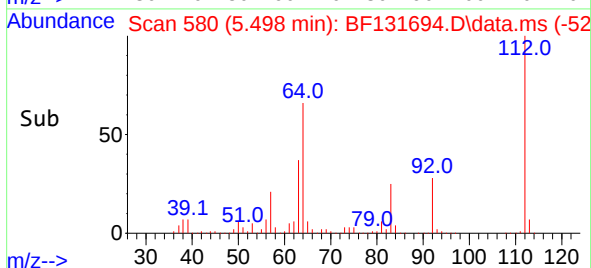
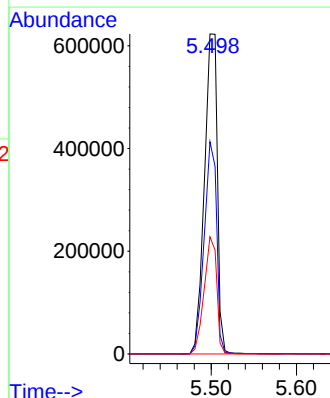
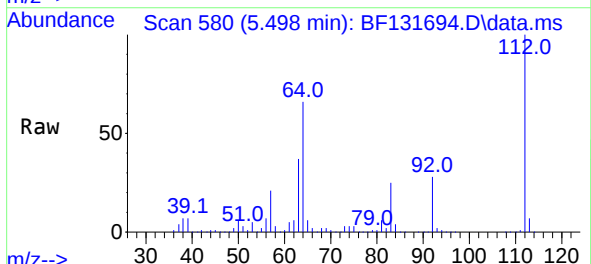
Instrument :
BNA_F
ClientSampleId :
WASTE

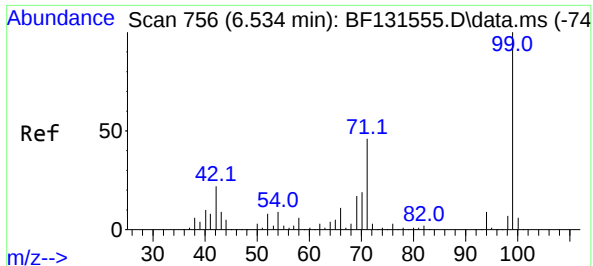
Tgt Ion:152 Resp: 83278
Ion Ratio Lower Upper
152 100
150 144.5 116.7 175.1
115 63.0 54.6 82.0



#5
2-Fluorophenol
Concen: 131.990 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

Tgt Ion:112 Resp: 658872
Ion Ratio Lower Upper
112 100
64 66.3 54.5 81.7
63 36.6 31.9 47.9

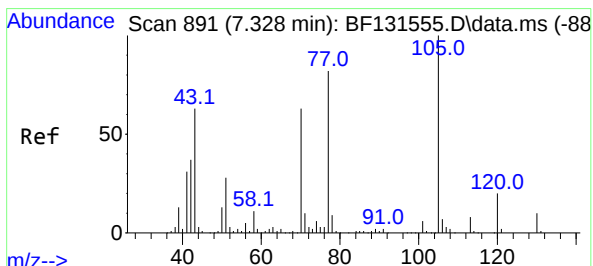
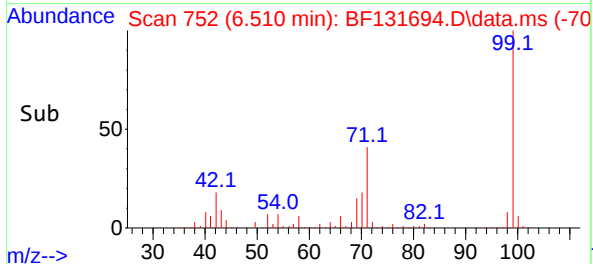
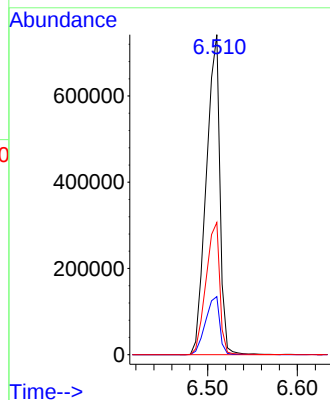
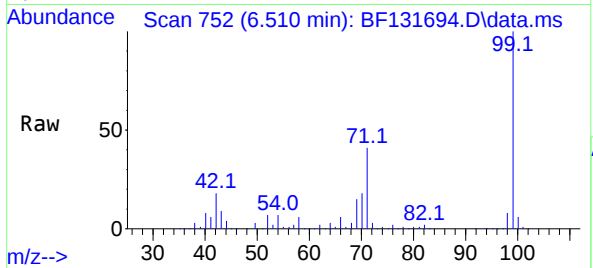




#7
Phenol-d6
Concen: 119.477 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

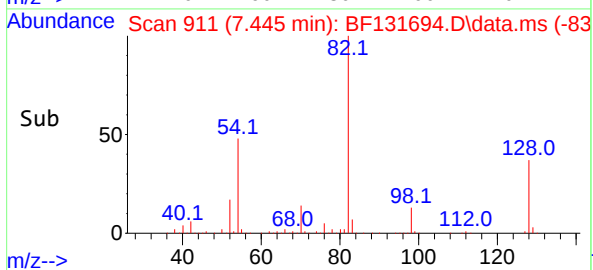
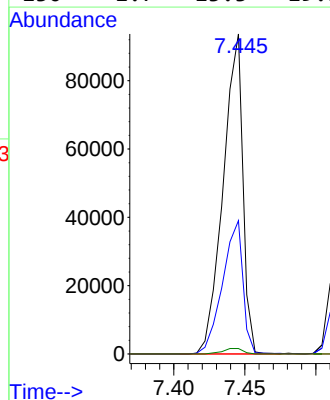
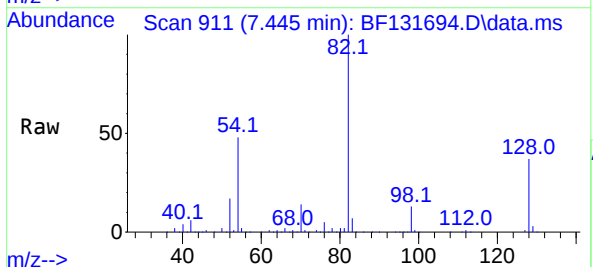
Instrument :
BNA_F
ClientSampleId :
WASTE

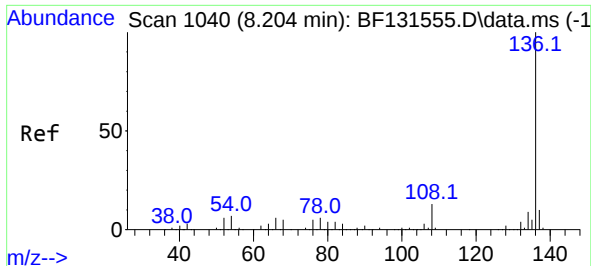
Tgt Ion: 99 Resp: 781549
Ion Ratio Lower Upper
99 100
42 18.2 17.9 26.9
71 41.3 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.381 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.153 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

Tgt Ion: 70 Resp: 90161
Ion Ratio Lower Upper
70 100
42 41.7 46.4 69.6#
101 0.0 7.2 10.8#
130 1.7 13.3 19.9#

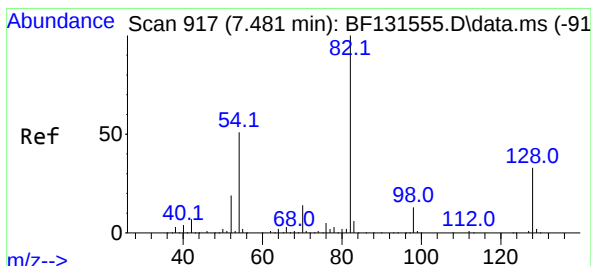
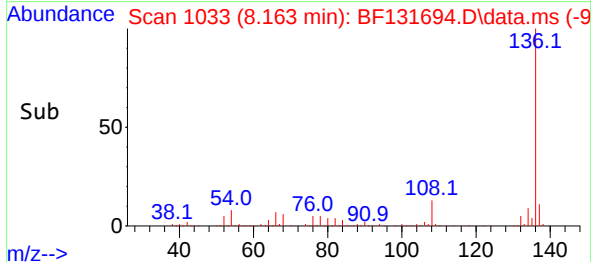
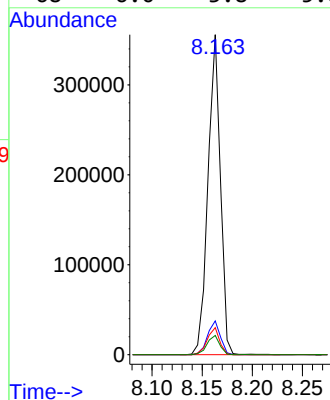
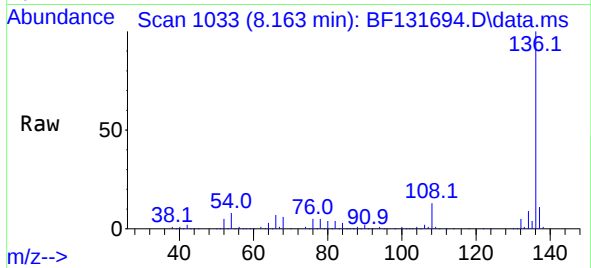




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

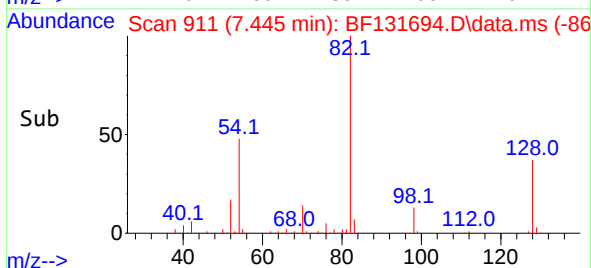
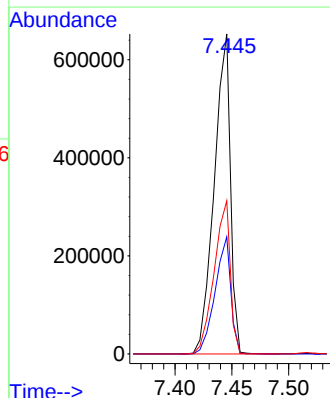
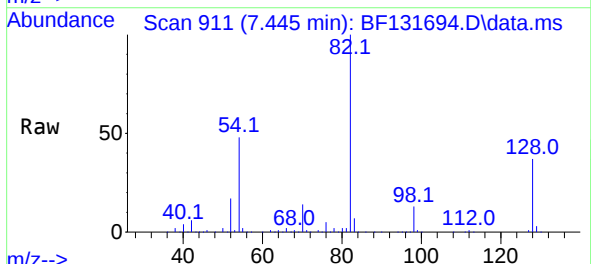
Instrument :
BNA_F
ClientSampleId :
WASTE

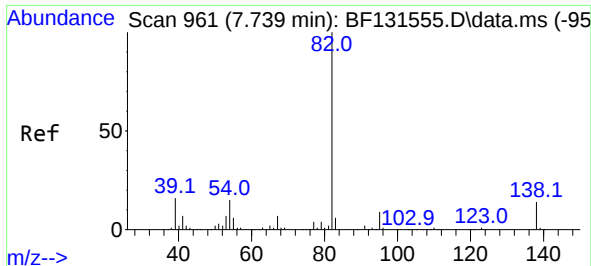
Tgt Ion:136 Resp: 306160
Ion Ratio Lower Upper
136 100
137 10.6 8.1 12.1
54 8.5 6.0 9.0
68 6.0 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 79.783 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

Tgt Ion: 82 Resp: 646082
Ion Ratio Lower Upper
82 100
128 36.6 26.1 39.1
54 47.9 40.6 60.8

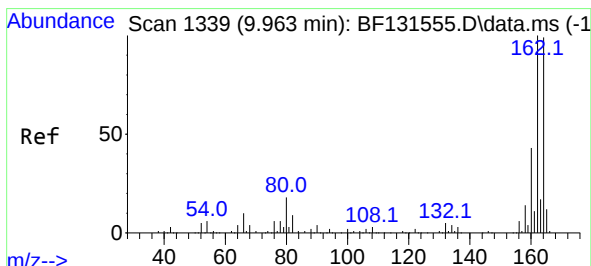
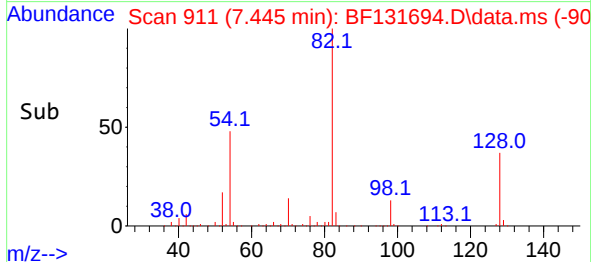
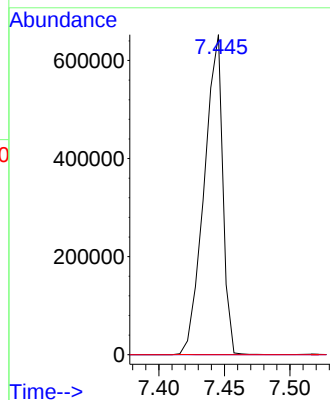
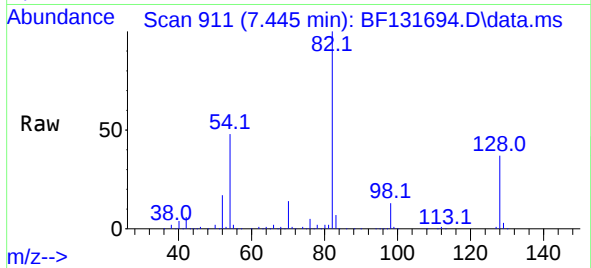




#25
Isophorone
Concen: 49.403 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

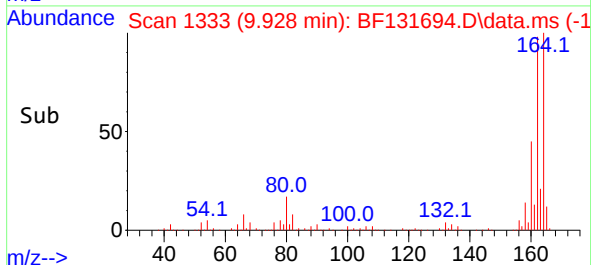
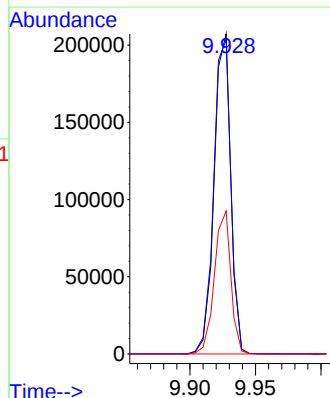
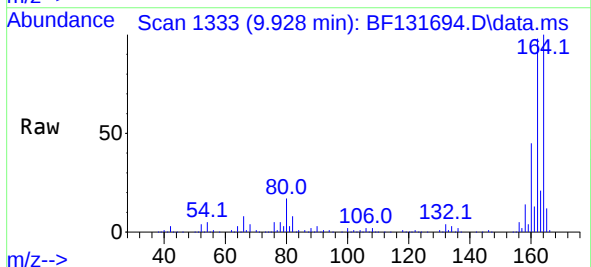
Instrument :
BNA_F
ClientSampleId :
WASTE

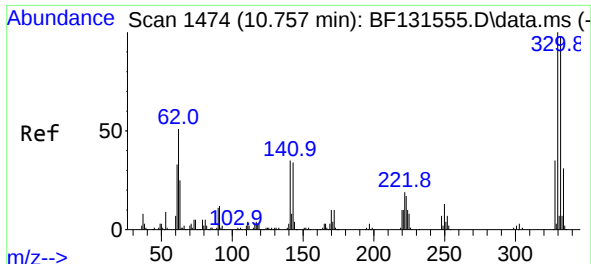
Tgt Ion: 82 Resp: 644411
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

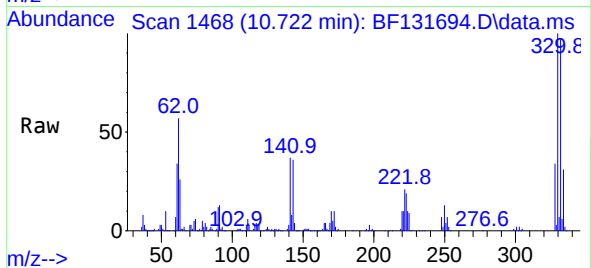
Tgt Ion:164 Resp: 181935
Ion Ratio Lower Upper
164 100
162 98.2 81.0 121.6
160 44.7 35.0 52.6



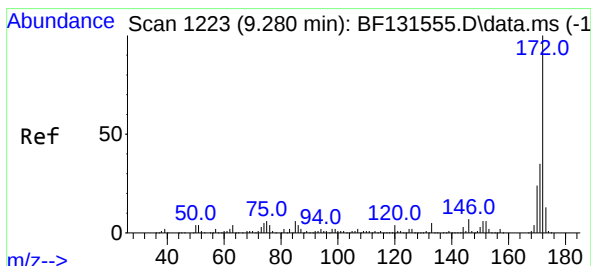
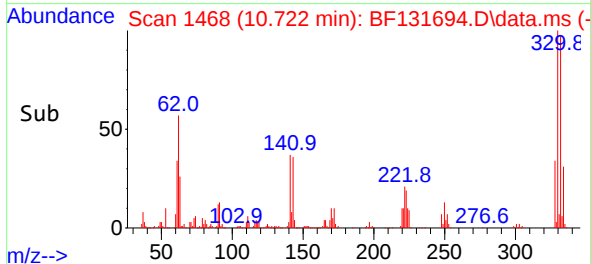
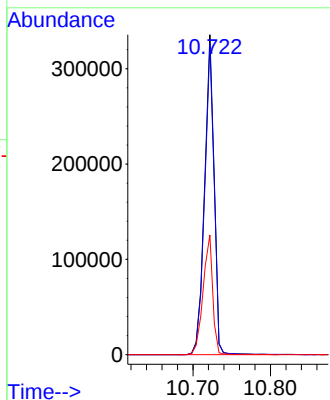


#42
2,4,6-Tribromophenol
Concen: 142.551 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

Instrument :
BNA_F
ClientSampleId :
WASTE

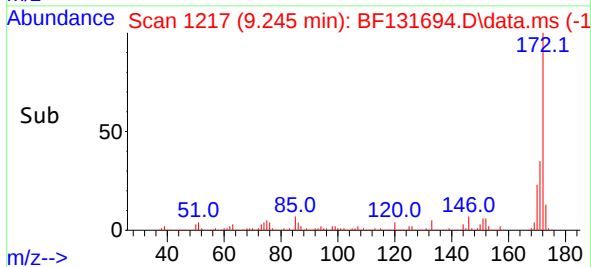
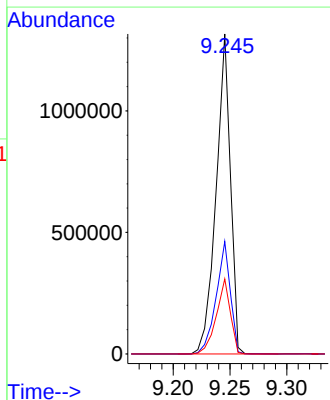
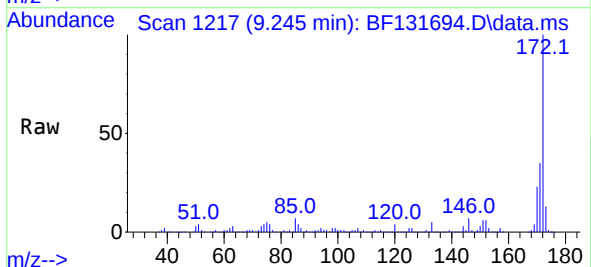


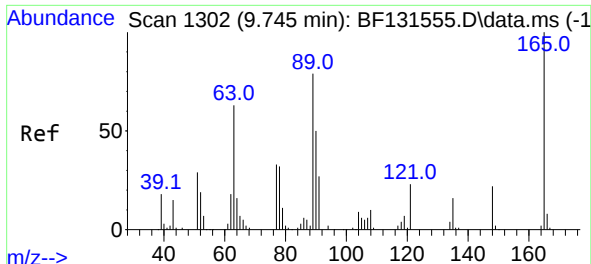
Tgt Ion:330 Resp: 288145
Ion Ratio Lower Upper
330 100
332 96.3 78.3 117.5
141 37.8 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 80.033 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

Tgt Ion:172 Resp: 1154822
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.5 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 7.987 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.212 min

Lab File: BF131694.D

Acq: 19 Dec 2022 18:00

Instrument :

BNA_F

ClientSampleId :

WASTE

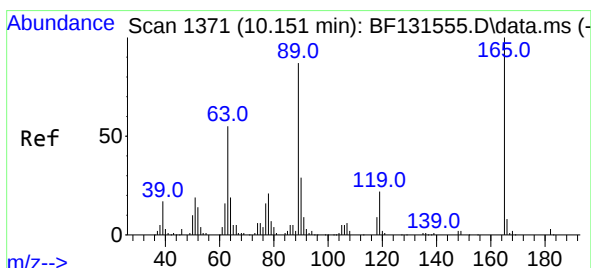
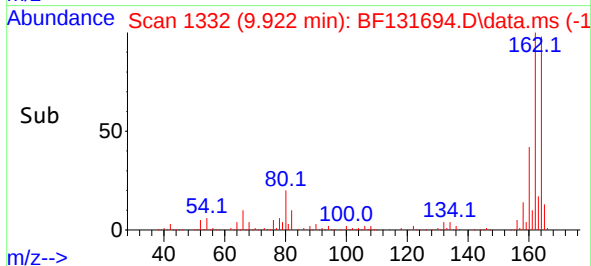
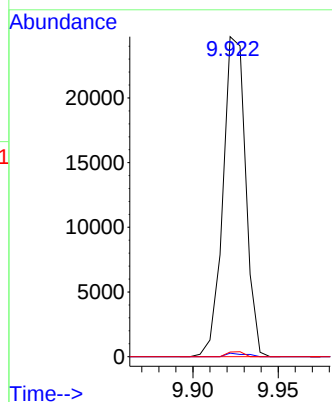
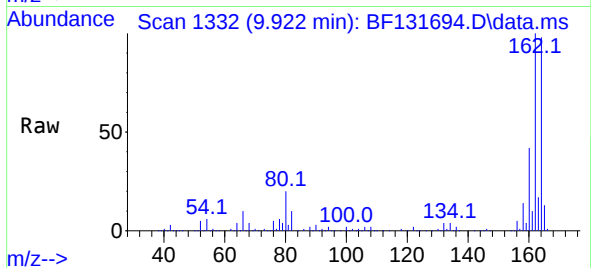
Tgt Ion:165 Resp: 22869

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: 6.021 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.194 min

Lab File: BF131694.D

Acq: 19 Dec 2022 18:00

Tgt Ion:165 Resp: 22869

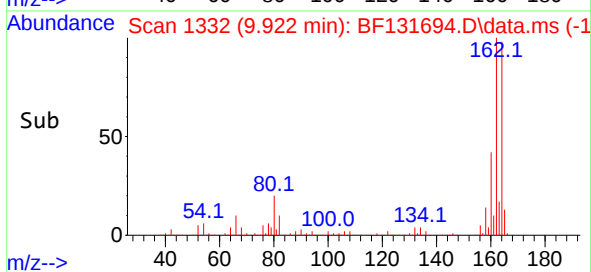
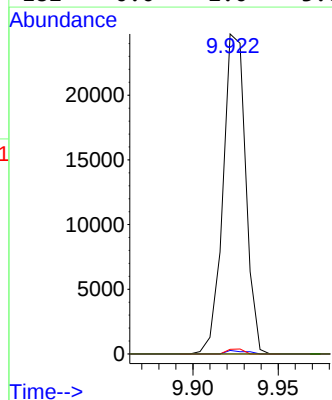
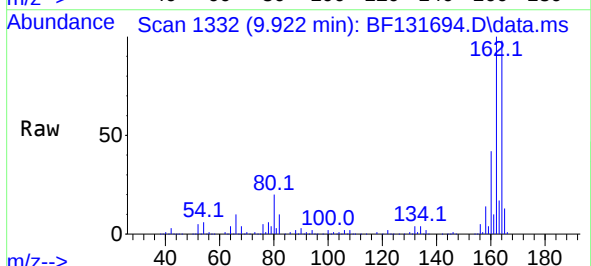
Ion Ratio Lower Upper

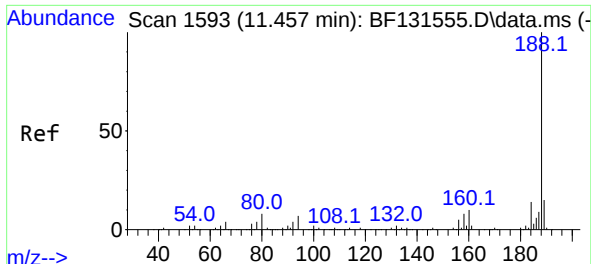
165 100

63 1.1 44.4 66.6#

89 1.4 69.6 104.4#

182 0.0 2.0 3.0#

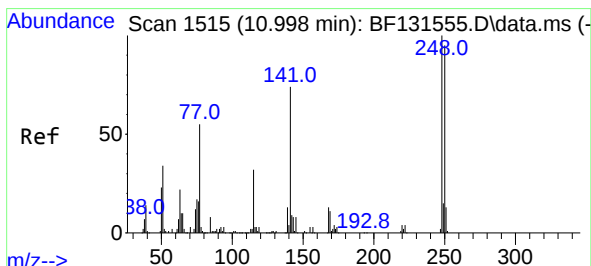
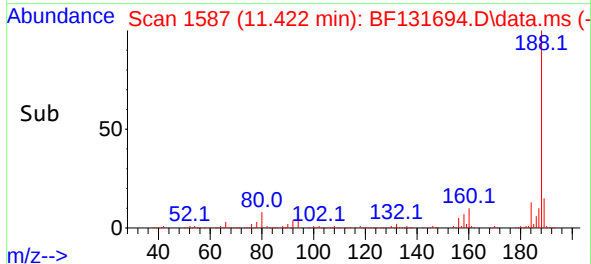
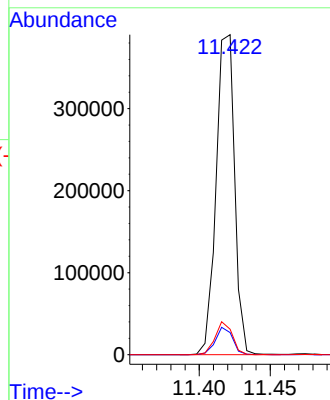
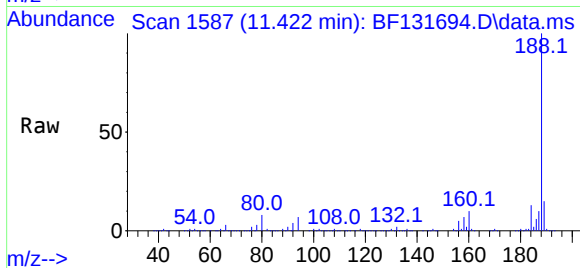




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

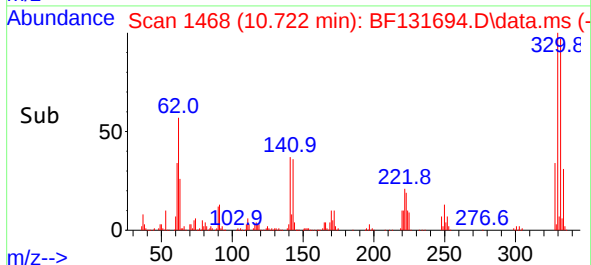
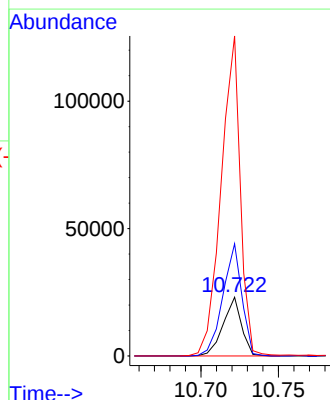
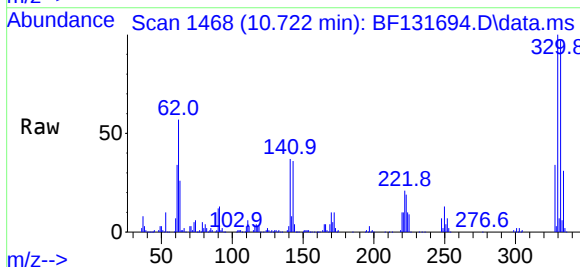
Instrument :
BNA_F
ClientSampleId :
WASTE

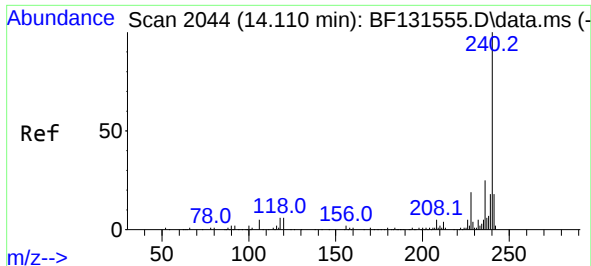
Tgt Ion:188 Resp: 353023
Ion Ratio Lower Upper
188 100
94 6.9 5.5 8.3
80 8.0 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.207 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

Tgt Ion:248 Resp: 19105
Ion Ratio Lower Upper
248 100
250 190.9 76.2 114.2#
141 544.8 59.5 89.3#

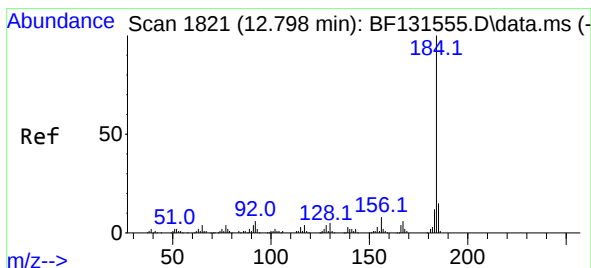
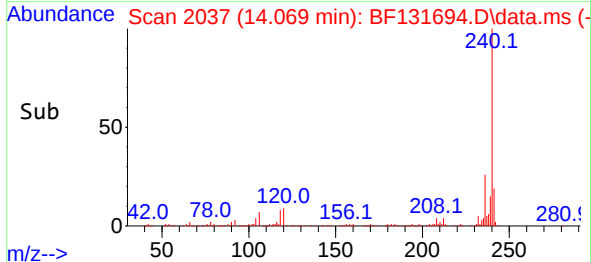
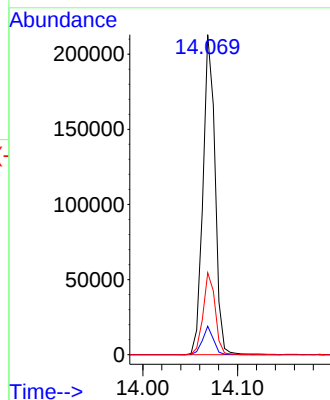
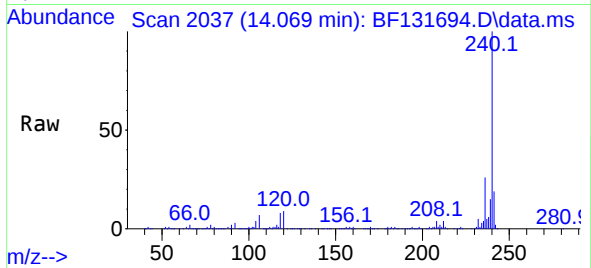




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

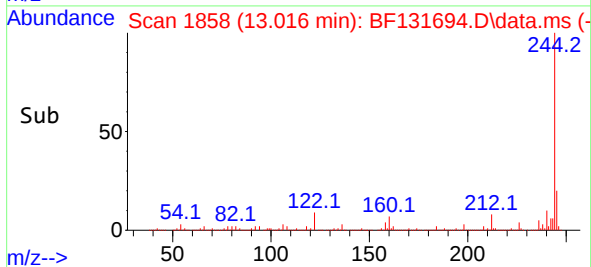
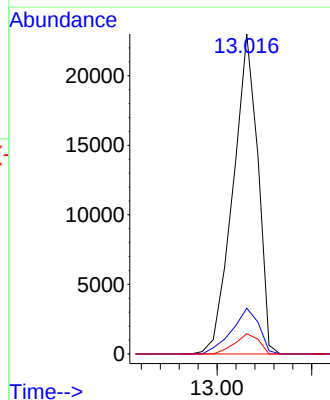
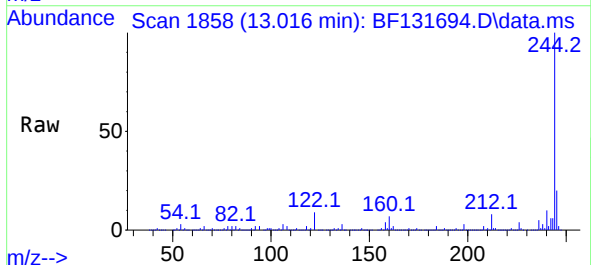
Instrument :
BNA_F
ClientSampleId :
WASTE

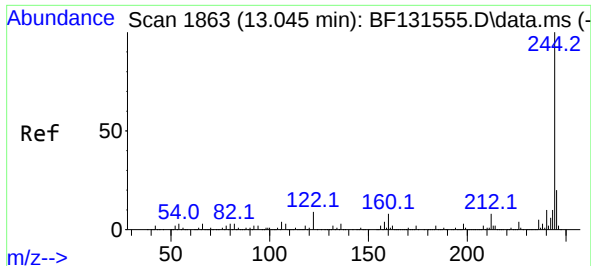
Tgt Ion:240 Resp: 189267
Ion Ratio Lower Upper
240 100
120 8.9 4.6 7.0#
236 25.6 20.2 30.2



#77
Benzidine
Concen: 4.110 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.253 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

Tgt Ion:184 Resp: 20842
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 6.3 9.3 13.9#

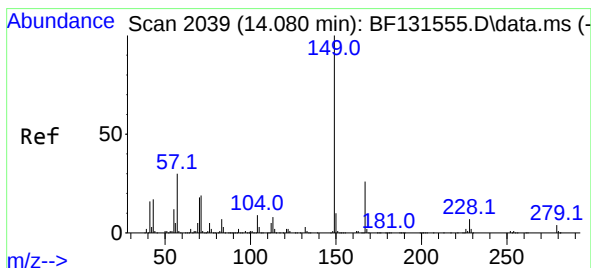
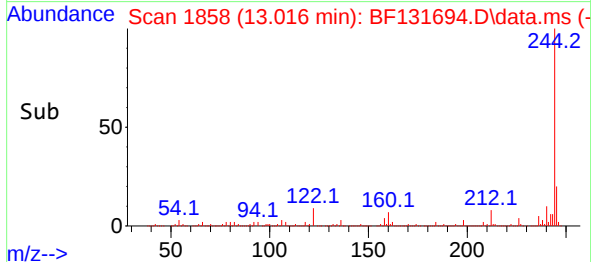
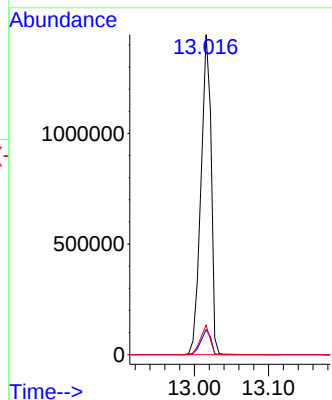
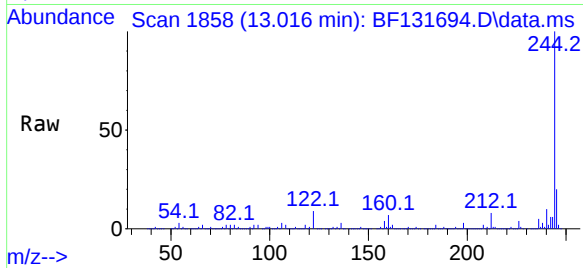




#79
 Terphenyl-d14
 Concen: 99.776 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.006 min
 Lab File: BF131694.D
 Acq: 19 Dec 2022 18:00

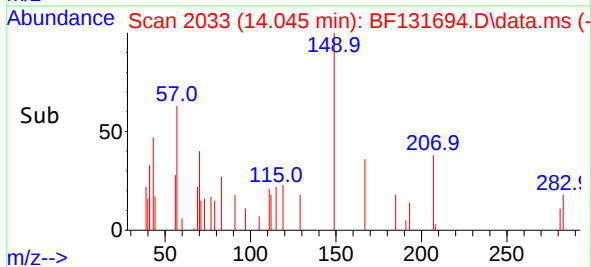
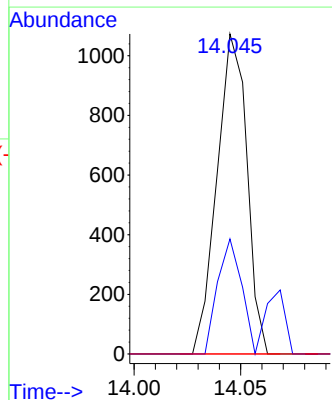
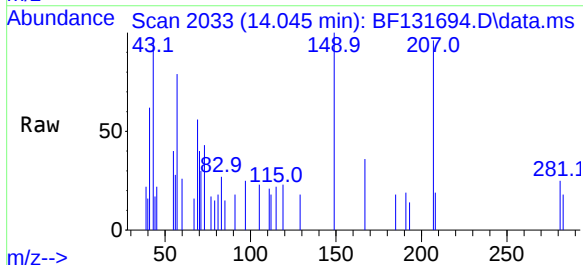
Instrument :
 BNA_F
 ClientSampleId :
 WASTE

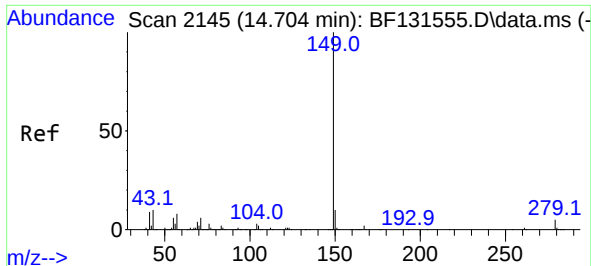
Tgt Ion:244 Resp: 1377005
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.3 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.165 ng
 RT: 14.045 min Scan# 2033
 Delta R.T. -0.006 min
 Lab File: BF131694.D
 Acq: 19 Dec 2022 18:00

Tgt Ion:149 Resp: 1047
 Ion Ratio Lower Upper
 149 100
 167 36.0 20.8 31.2#
 279 0.0 3.3 4.9#

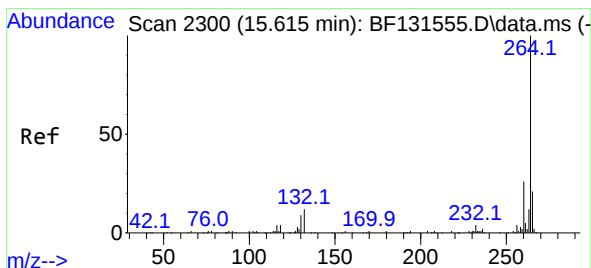
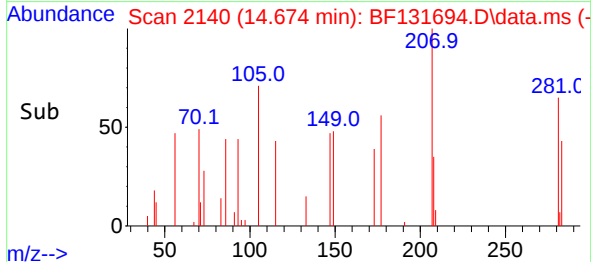
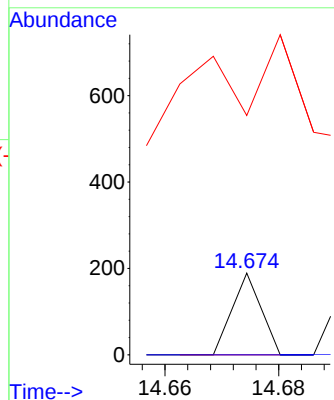
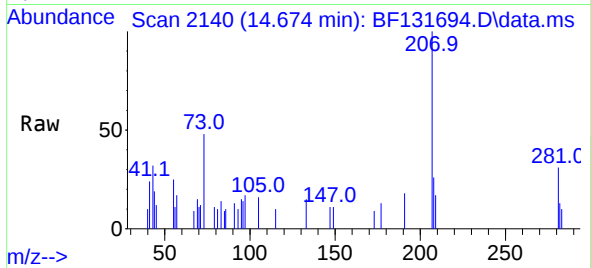




#85
Di-n-octyl phthalate
Concen: 5.224 ng
RT: 14.674 min Scan# 2145
Delta R.T. 0.006 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:149 Resp: 67
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 385.1 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BF131694.D
Acq: 19 Dec 2022 18:00

Tgt Ion:264 Resp: 171443
Ion Ratio Lower Upper
264 100
260 23.3 20.6 30.8
265 22.2 16.8 25.2

