

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131622.D
 Acq On : 13 Dec 2022 20:25
 Operator : CG\JU
 Sample : N5964-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-P

Quant Time: Dec 14 03:35:30 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)

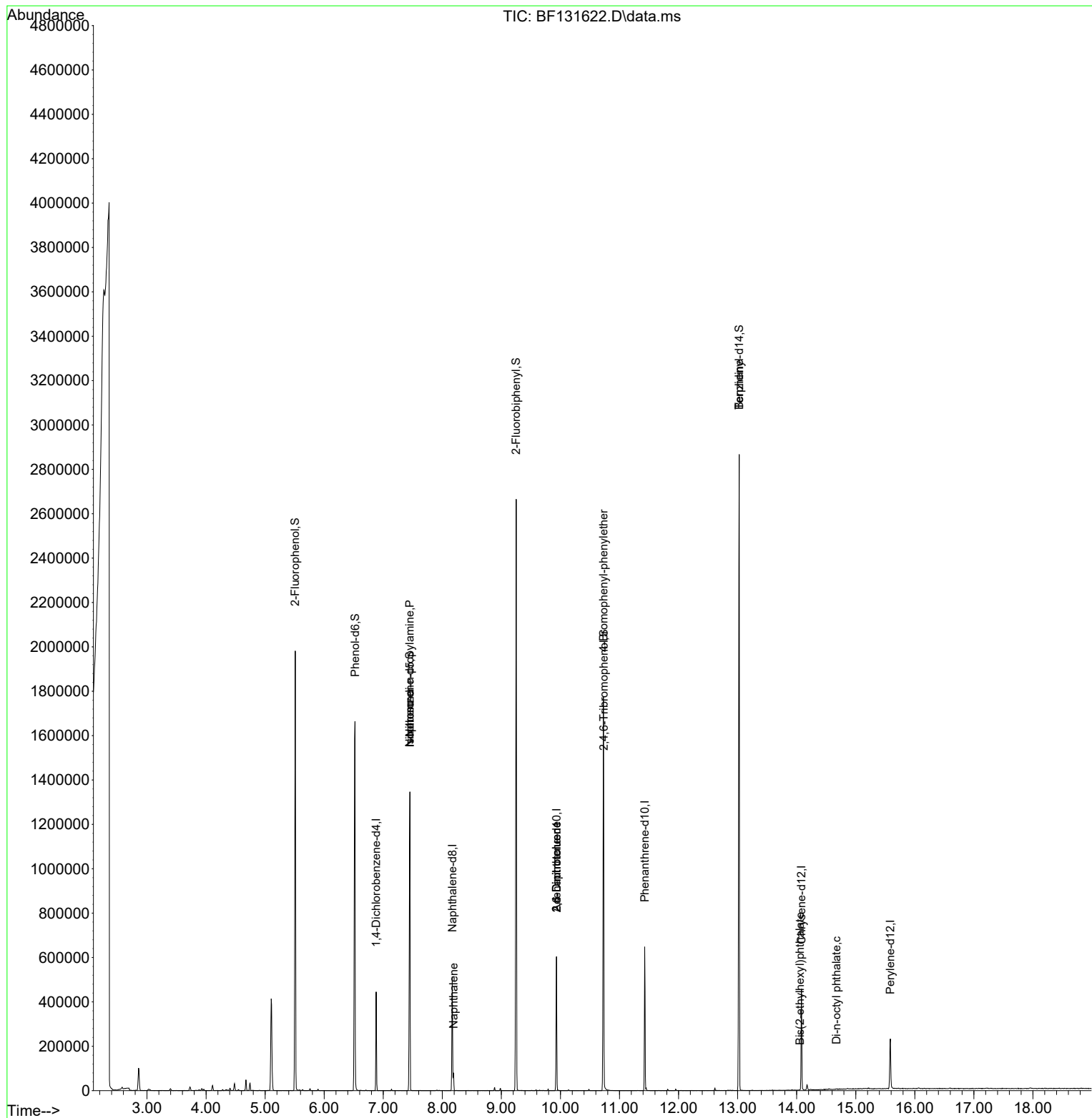
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	54916	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	198075	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	111921	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	216383	20.000	ng	0.00
76) Chrysene-d12	14.080	240	143841	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	107886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	472822	143.638	ng	0.01
7) Phenol-d6	6.522	99	582989	135.151	ng	0.00
23) Nitrobenzene-d5	7.451	82	458867	87.584	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	196956	158.391	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	790110	89.012	ng	0.00
79) Terphenyl-d14	13.027	244	990681	94.453	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	63339	19.582	ng	# 77
25) Isophorone	7.451	82	458860	54.374	ng	# 69
31) Naphthalene	8.192	128	30551	2.738	ng	97
51) 2,6-Dinitrotoluene	9.933	165	14198	8.061	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	14198	6.077	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	13516	4.856	ng	# 1
77) Benzidine	13.027	184	15048	3.904	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.057	149	391	3.098	ng	# 66
85) Di-n-octyl phthalate	14.674	149	460	5.264	ng	# 21

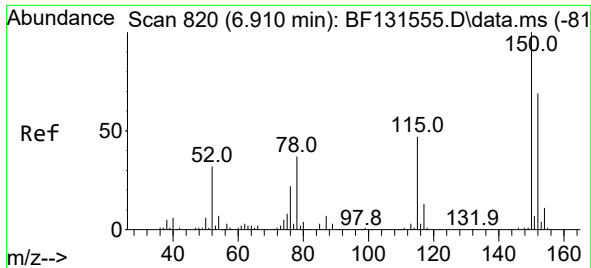
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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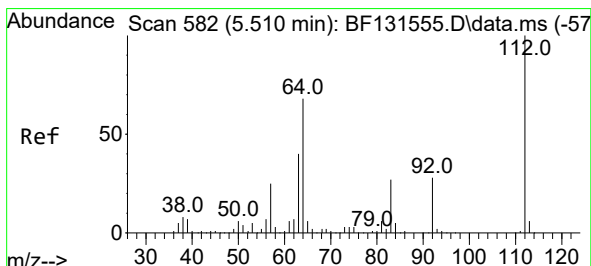
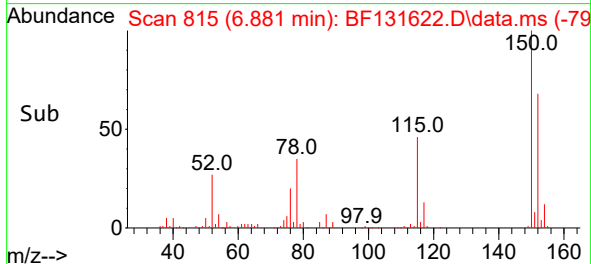
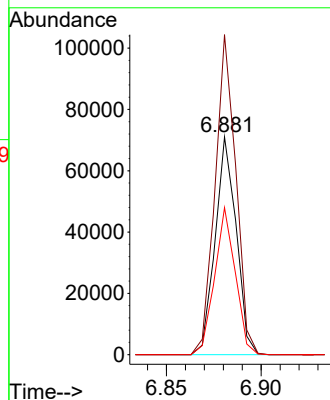
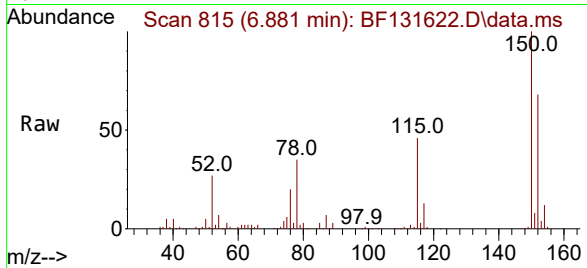




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

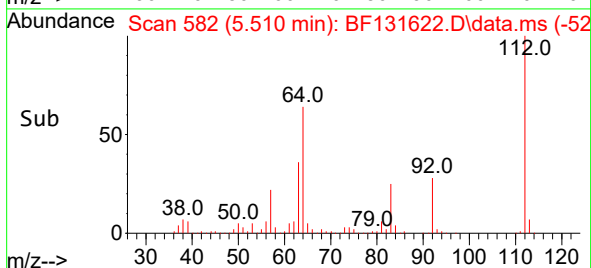
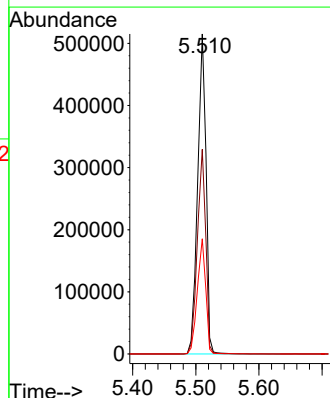
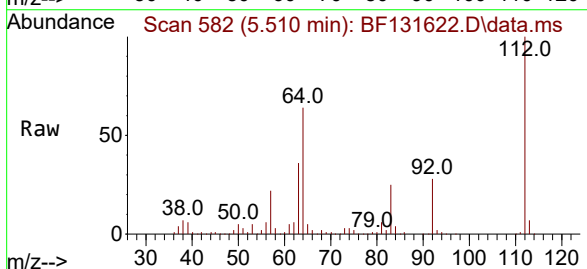
Instrument :
BNA_F
ClientSampleId :
TP-P

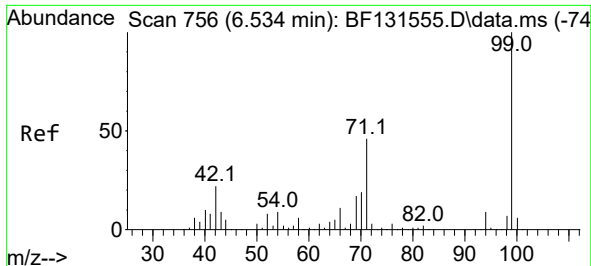
Tgt Ion:152 Resp: 54916
Ion Ratio Lower Upper
152 100
150 146.9 116.7 175.1
115 67.5 54.6 82.0



#5
2-Fluorophenol
Concen: 143.638 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

Tgt Ion:112 Resp: 472822
Ion Ratio Lower Upper
112 100
64 64.0 54.5 81.7
63 36.0 31.9 47.9

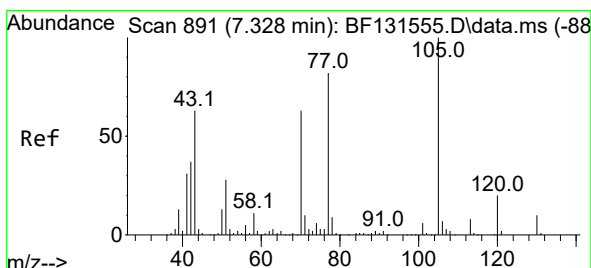
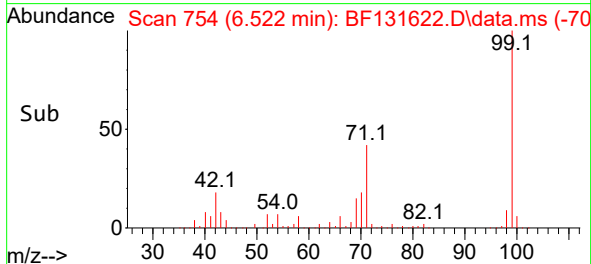
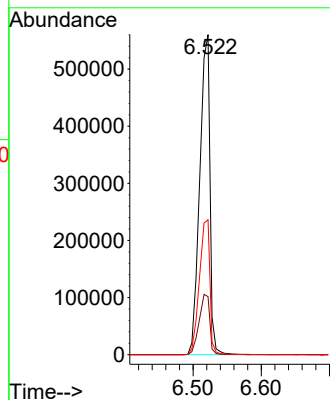
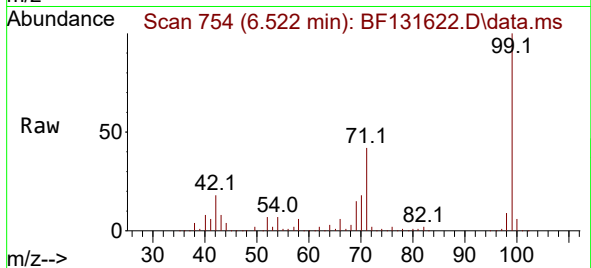




#7
Phenol-d6
Concen: 135.151 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

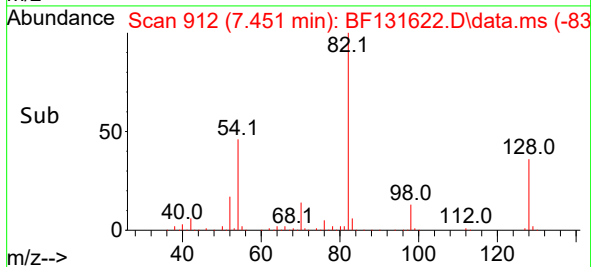
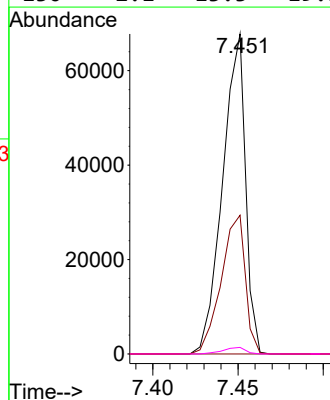
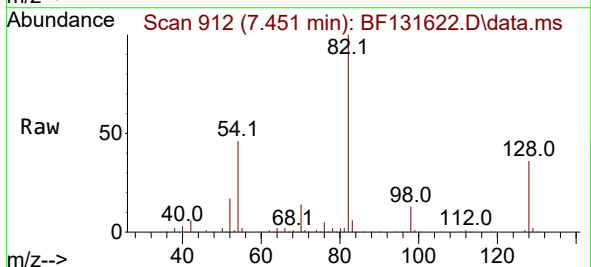
Instrument :
BNA_F
ClientSampleId :
TP-P

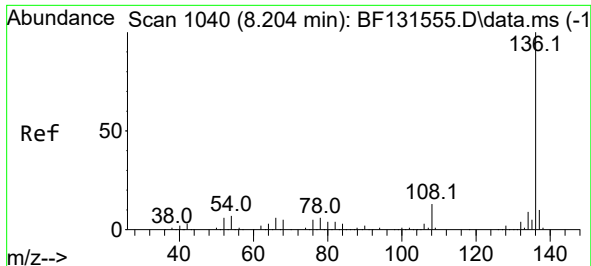
Tgt Ion: 99 Resp: 582989
Ion Ratio Lower Upper
99 100
42 18.1 17.9 26.9
71 42.2 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.582 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

Tgt Ion: 70 Resp: 63339
Ion Ratio Lower Upper
70 100
42 43.4 46.4 69.6#
101 0.0 7.2 10.8#
130 2.1 13.3 19.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131622.D

Acq: 13 Dec 2022 20:25

Instrument :

BNA_F

ClientSampleId :

TP-P

Tgt Ion:136 Resp: 198075

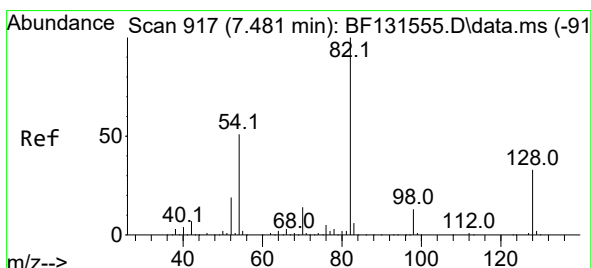
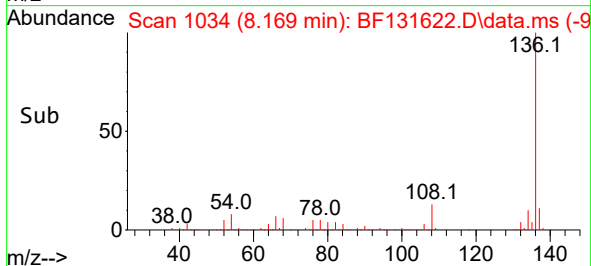
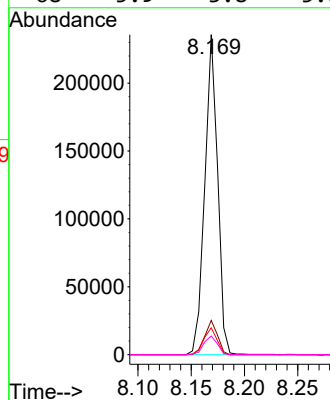
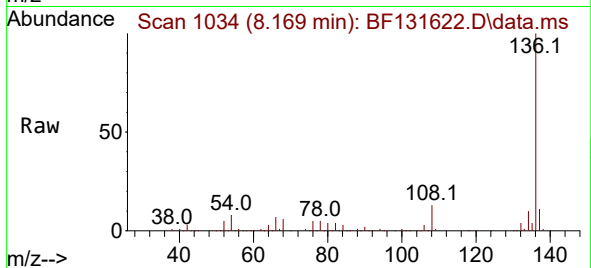
Ion Ratio Lower Upper

136 100

137 10.7 8.1 12.1

54 8.4 6.0 9.0

68 5.9 3.8 5.8#



#23

Nitrobenzene-d5

Concen: 87.584 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF131622.D

Acq: 13 Dec 2022 20:25

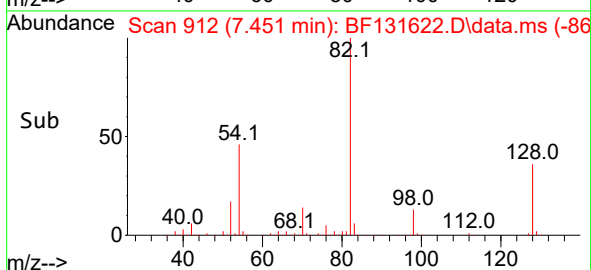
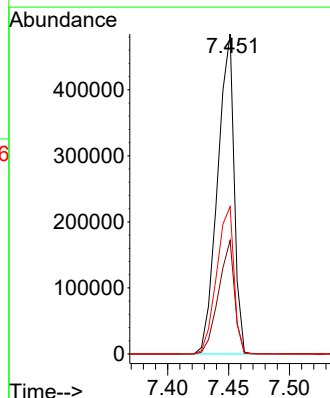
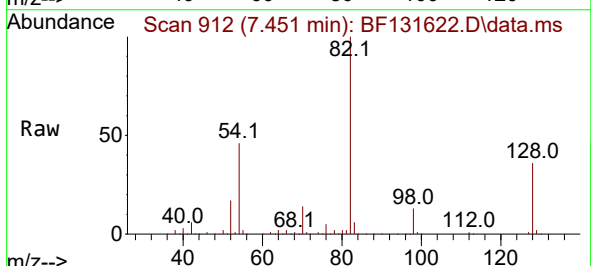
Tgt Ion: 82 Resp: 458867

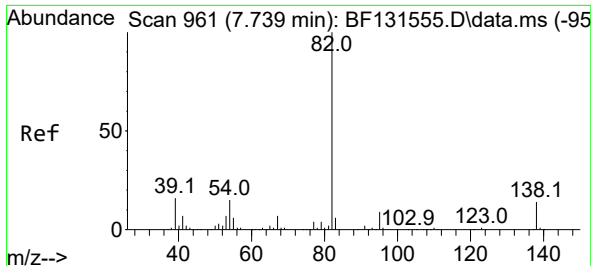
Ion Ratio Lower Upper

82 100

128 35.5 26.1 39.1

54 46.1 40.6 60.8

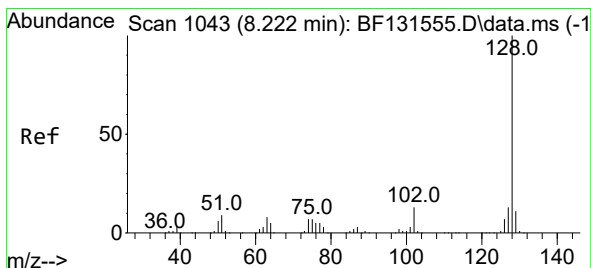
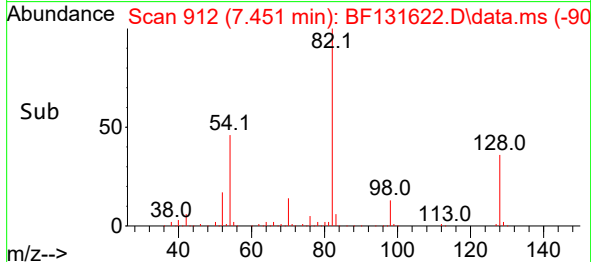
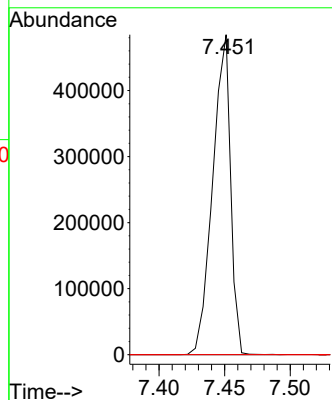
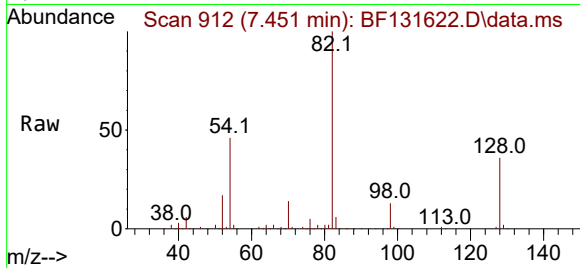




#25
Isophorone
Concen: 54.374 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

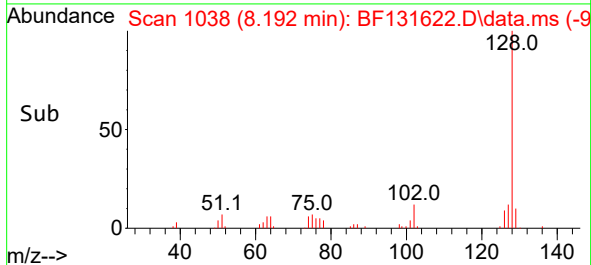
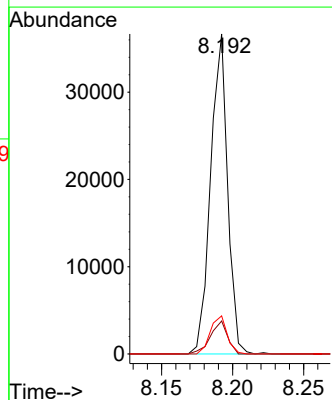
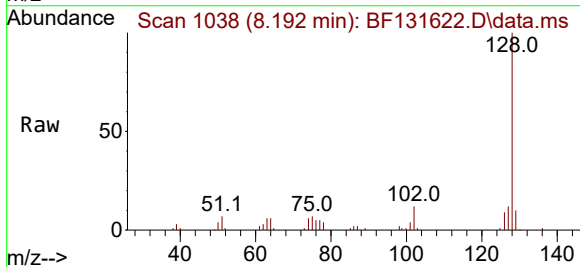
Instrument :
BNA_F
ClientSampleId :
TP-P

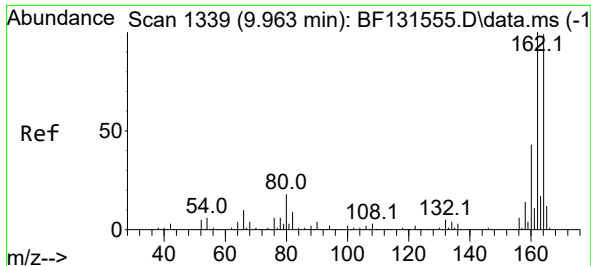
Tgt Ion: 82 Resp: 458860
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#31
Naphthalene
Concen: 2.738 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

Tgt Ion: 128 Resp: 30551
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 11.9 10.6 15.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131622.D

Acq: 13 Dec 2022 20:25

Instrument :

BNA_F

ClientSampleId :

TP-P

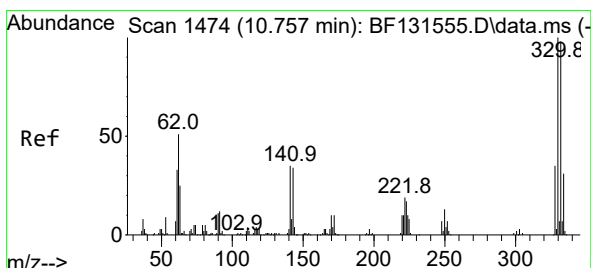
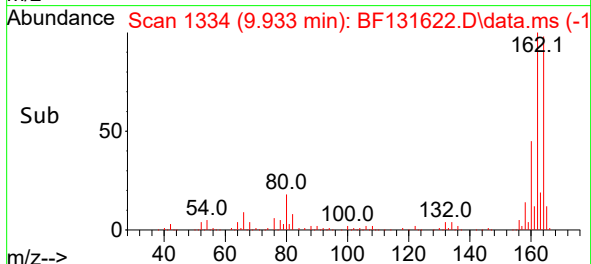
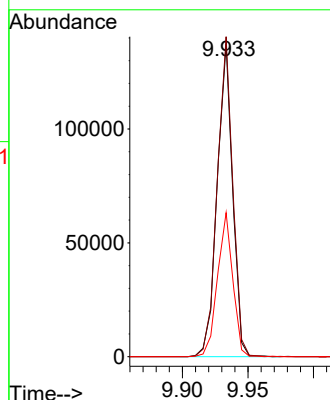
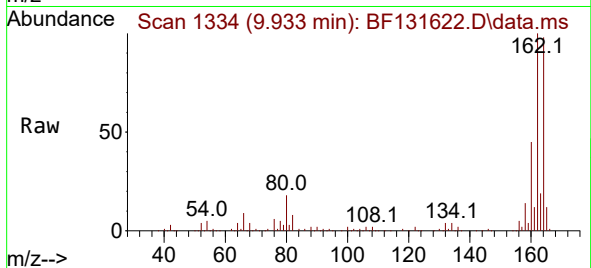
Tgt Ion:164 Resp: 111921

Ion Ratio Lower Upper

164 100

162 102.3 81.0 121.6

160 46.1 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 158.391 ng

RT: 10.733 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BF131622.D

Acq: 13 Dec 2022 20:25

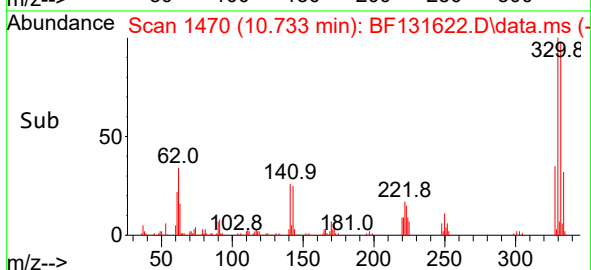
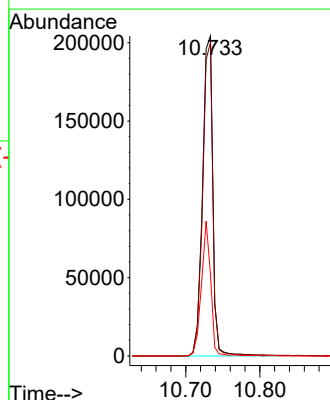
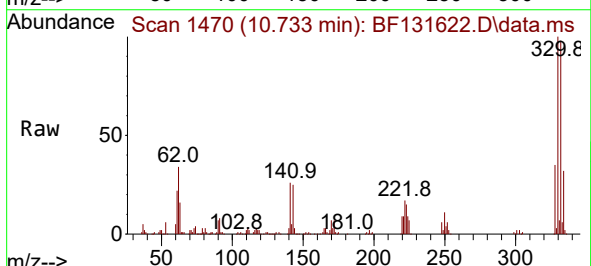
Tgt Ion:330 Resp: 196956

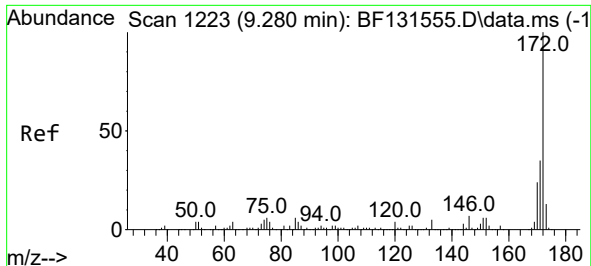
Ion Ratio Lower Upper

330 100

332 96.8 78.3 117.5

141 38.0 32.6 49.0





#45

2-Fluorobiphenyl

Concen: 89.012 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131622.D

Acq: 13 Dec 2022 20:25

Instrument :

BNA_F

ClientSampleId :

TP-P

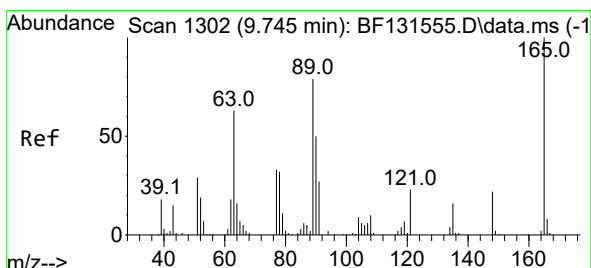
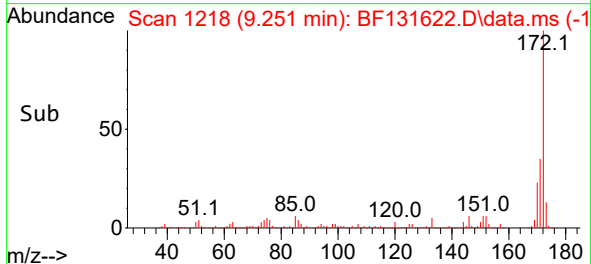
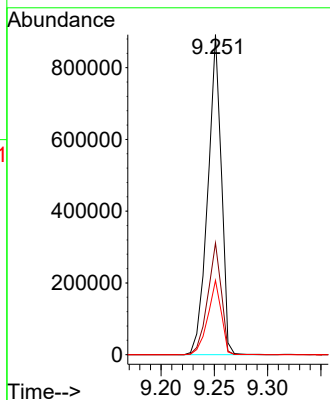
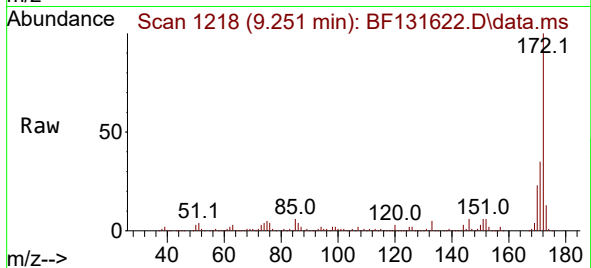
Tgt Ion:172 Resp: 790110

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.2 19.3 28.9



#51

2,6-Dinitrotoluene

Concen: 8.061 ng

RT: 9.933 min Scan# 1334

Delta R.T. 0.206 min

Lab File: BF131622.D

Acq: 13 Dec 2022 20:25

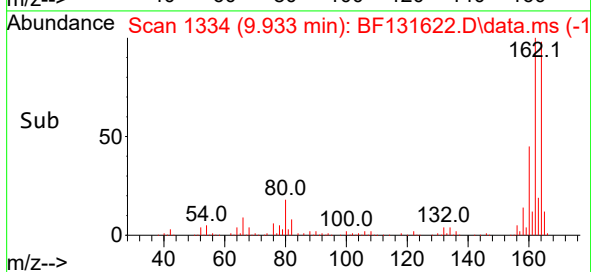
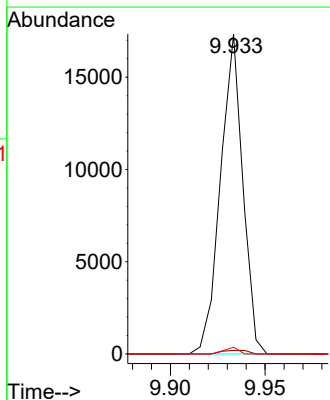
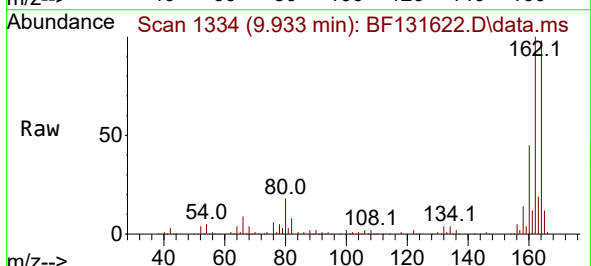
Tgt Ion:165 Resp: 14198

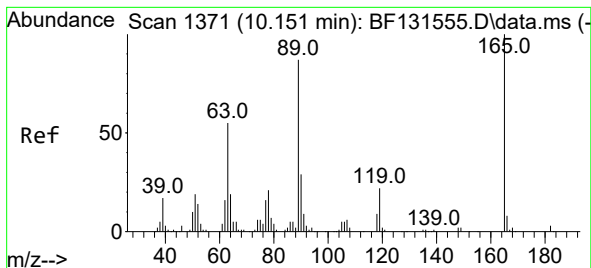
Ion Ratio Lower Upper

165 100

63 1.1 67.9 101.9#

89 2.1 63.2 94.8#





#57

2,4-Dinitrotoluene

Concen: 6.077 ng

RT: 9.933 min Scan# 1

Delta R.T. -0.194 min

Lab File: BF131622.D

Acq: 13 Dec 2022 20:25

Instrument :

BNA_F

ClientSampleId :

TP-P

Tgt Ion:165 Resp: 14198

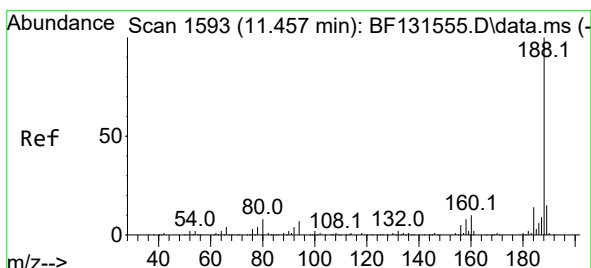
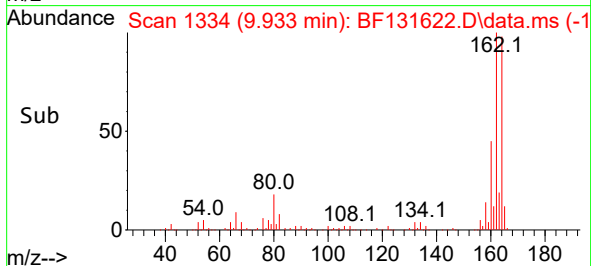
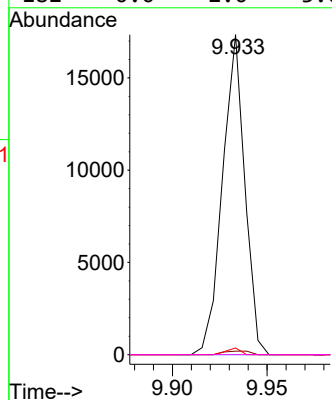
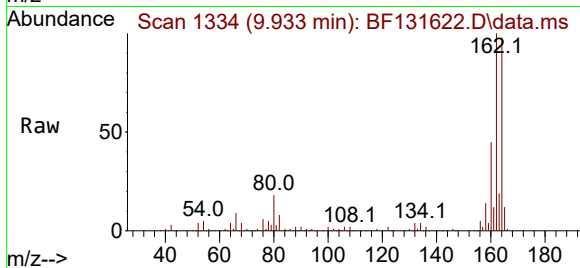
Ion Ratio Lower Upper

165 100

63 1.1 44.4 66.6#

89 2.1 69.6 104.4#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF131622.D

Acq: 13 Dec 2022 20:25

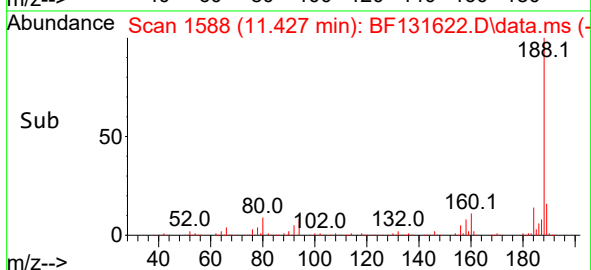
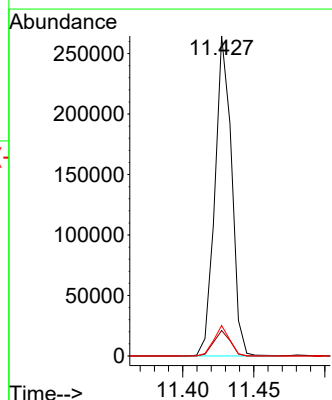
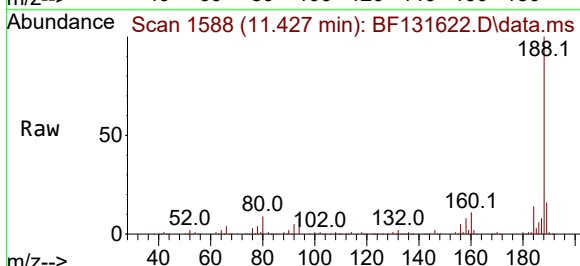
Tgt Ion:188 Resp: 216383

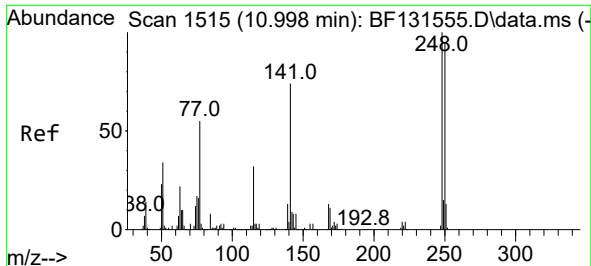
Ion Ratio Lower Upper

188 100

94 8.0 5.5 8.3

80 9.5 6.6 10.0

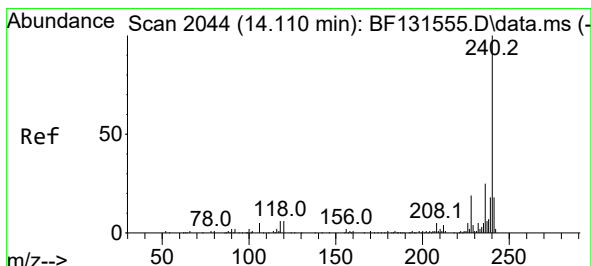
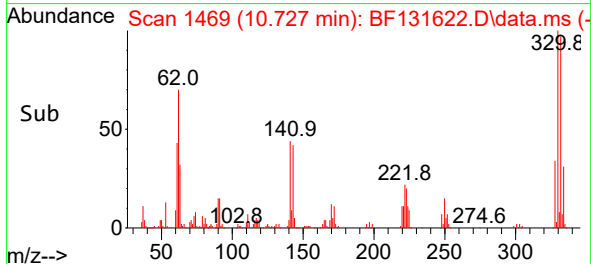
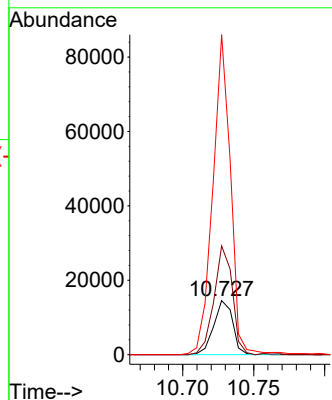
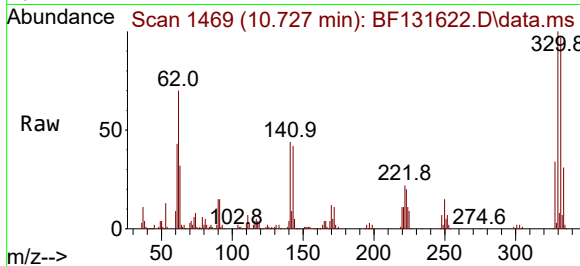




#67
4-Bromophenyl-phenylether
Concen: 4.856 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

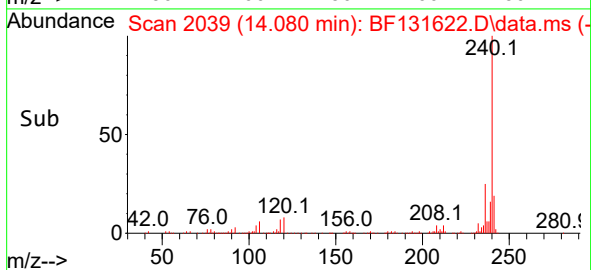
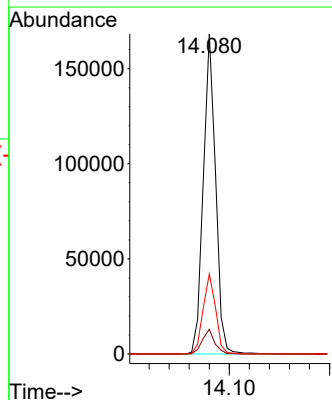
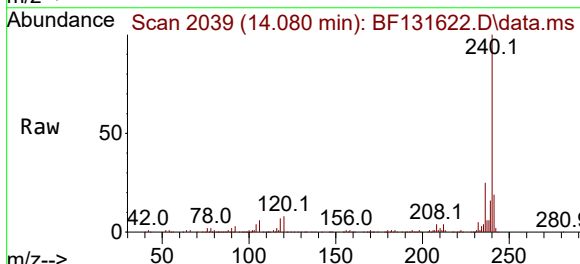
Instrument :
BNA_F
ClientSampleId :
TP-P

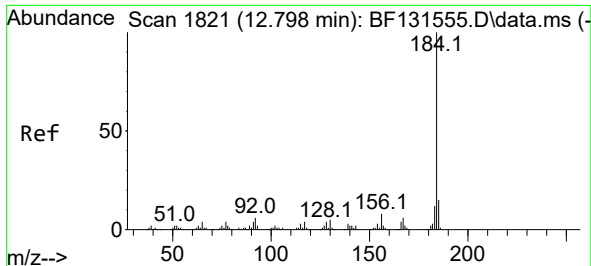
Tgt Ion:248 Resp: 13516
Ion Ratio Lower Upper
248 100
250 201.4 76.2 114.2#
141 592.1 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

Tgt Ion:240 Resp: 143841
Ion Ratio Lower Upper
240 100
120 7.7 4.6 7.0#
236 25.0 20.2 30.2

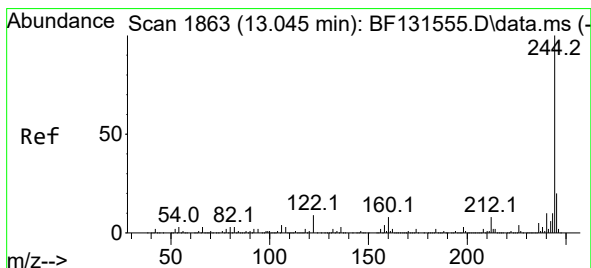
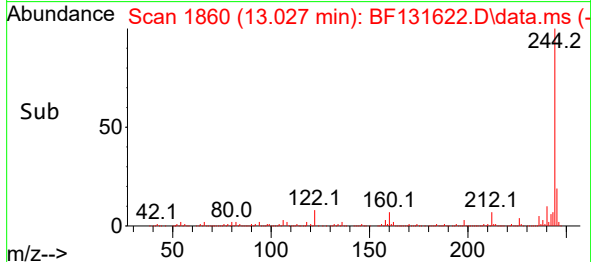
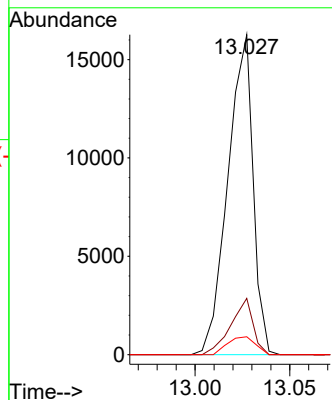
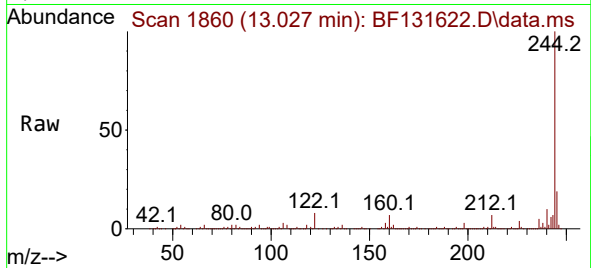




#77
Benzidine
Concen: 3.904 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.253 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

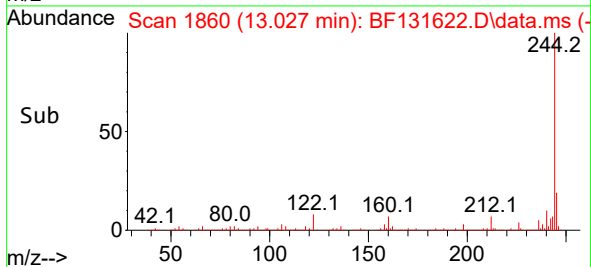
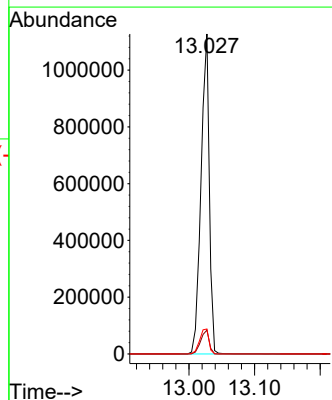
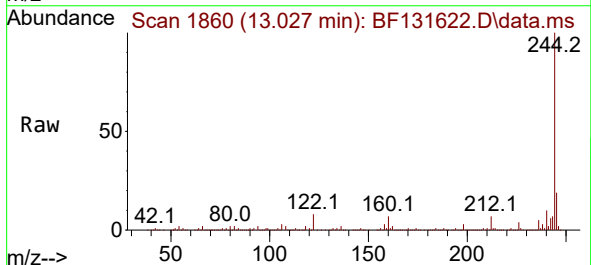
Instrument :
BNA_F
ClientSampleId :
TP-P

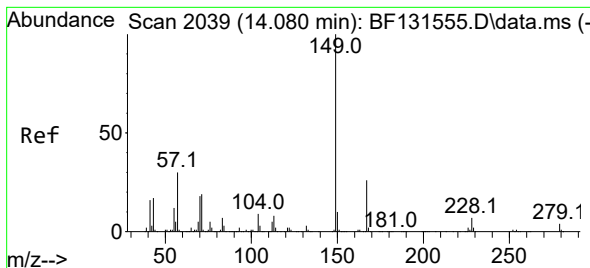
Tgt Ion:184 Resp: 15048
Ion Ratio Lower Upper
184 100
185 17.6 12.2 18.2
183 5.6 9.3 13.9#



#79
Terphenyl-d14
Concen: 94.453 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

Tgt Ion:244 Resp: 990681
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 7.8 7.1 10.7

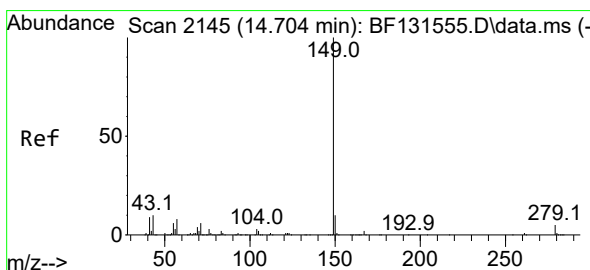
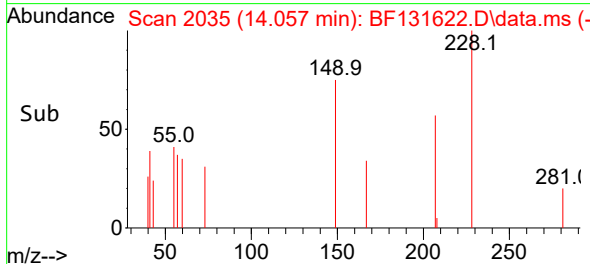
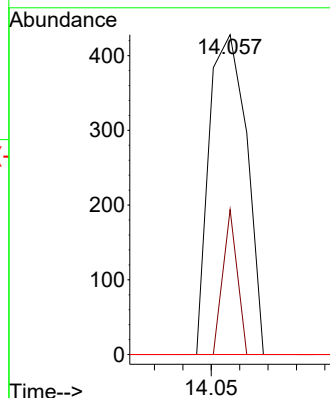
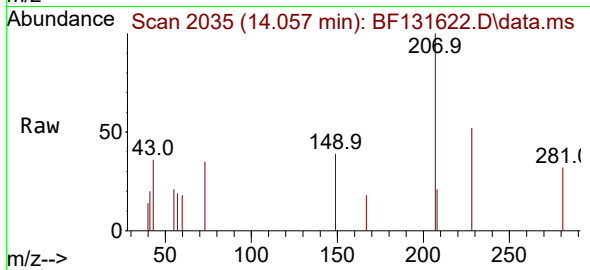




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.098 ng
RT: 14.057 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

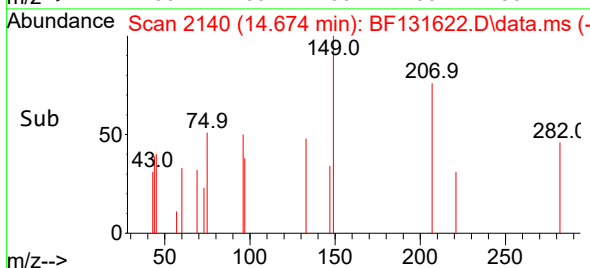
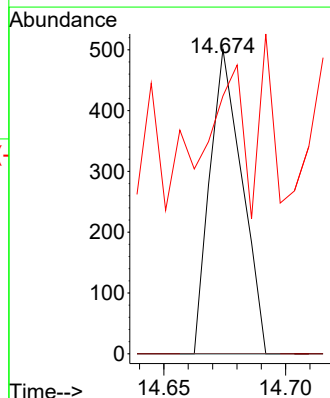
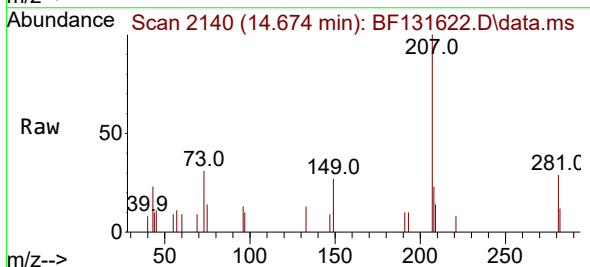
Instrument :
BNA_F
ClientSampleId :
TP-P

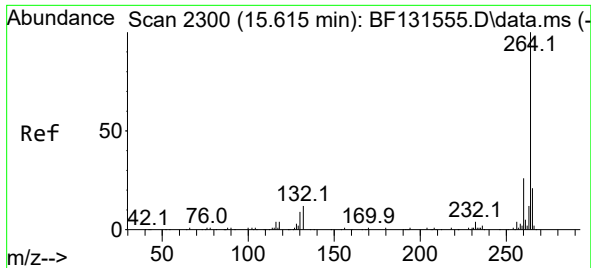
Tgt Ion:149 Resp: 391
Ion Ratio Lower Upper
149 100
167 45.3 20.8 31.2#
279 0.0 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 5.264 ng
RT: 14.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

Tgt Ion:149 Resp: 460
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 44.6 8.6 13.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131622.D
 Acq: 13 Dec 2022 20:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-P

Tgt Ion:264 Resp: 107886
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.6 30.8
 265 21.9 16.8 25.2

