

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131599.D
 Acq On : 12 Dec 2022 18:39
 Operator : CG\JU
 Sample : N5976-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-1-2-3-4-5

Quant Time: Dec 13 04:17:02 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 13 04:12:13 2022
 Response via : Initial Calibration

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

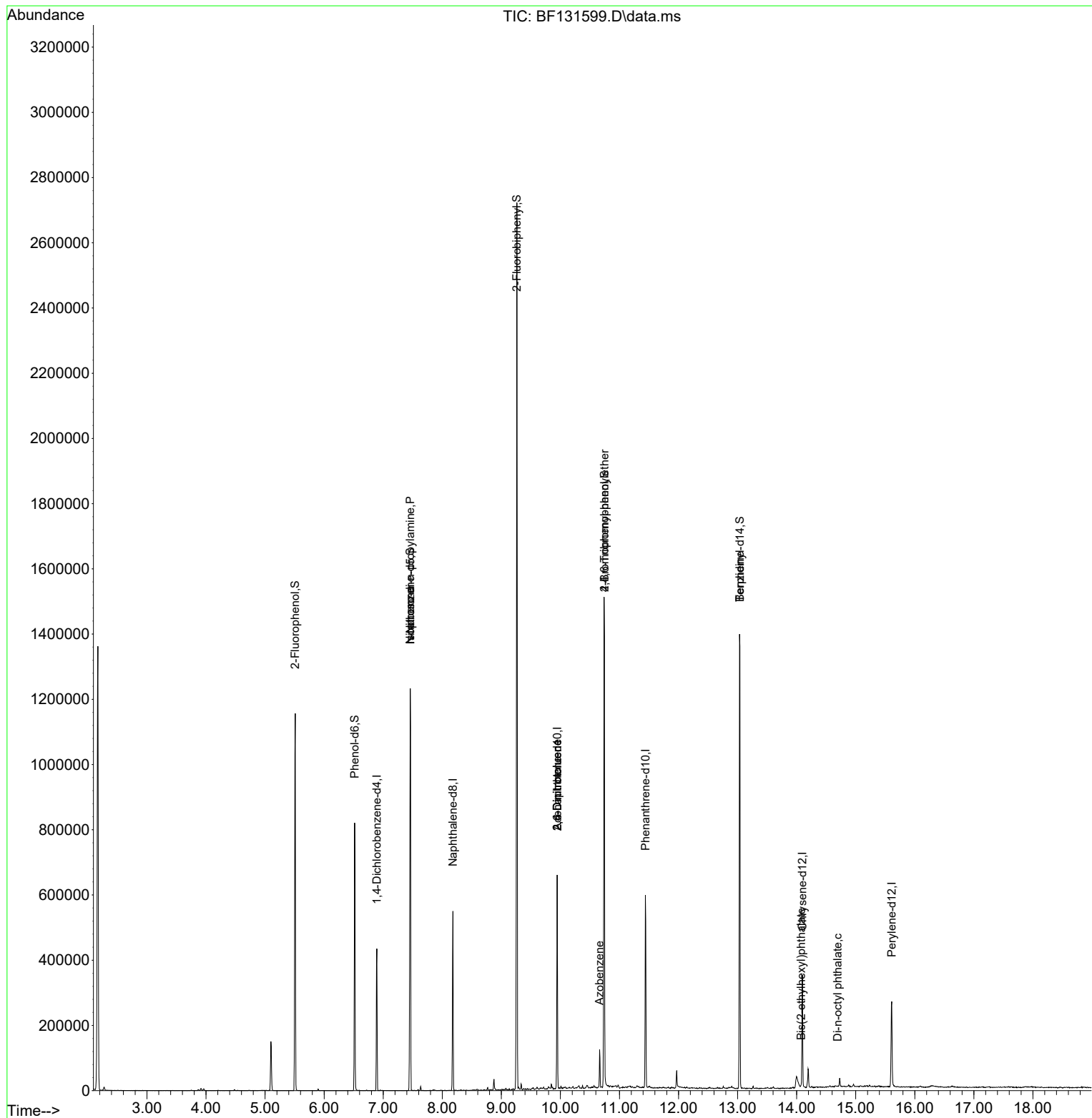
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	58118	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	207739	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	117192	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	208250	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	115976	20.000	ng	0.00
86) Perylene-d12	15.610	264	128318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	274740	78.864	ng	0.00
7) Phenol-d6	6.516	99	231291	50.665	ng	-0.01
23) Nitrobenzene-d5	7.457	82	458064	83.364	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	171895	132.020	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	794348	85.464	ng	0.00
79) Terphenyl-d14	13.039	244	490005	57.943	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	64446	18.827	ng	# 80
25) Isophorone	7.457	82	458052	51.753	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	15246	8.266	ng	# 10
57) 2,4-Dinitrotoluene	9.945	165	15246	6.232	ng	# 16
63) Azobenzene	10.663	77	20851	2.132	ng	# 14
67) 4-Bromophenyl-phenylether	10.745	248	11951	4.461	ng	# 1
77) Benzidine	13.039	184	8141	2.620	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.074	149	1176	3.276	ng	# 62
85) Di-n-octyl phthalate	14.692	149	928	5.331	ng	# 74

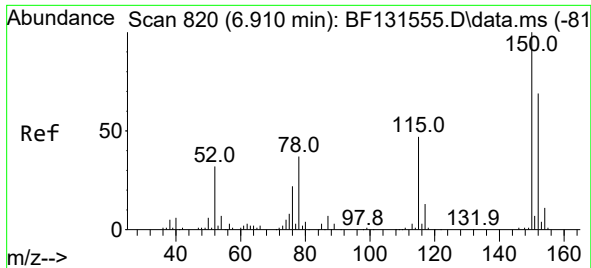
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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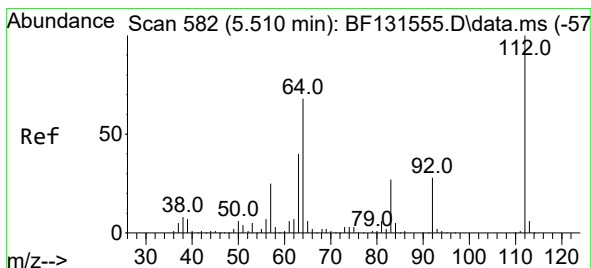
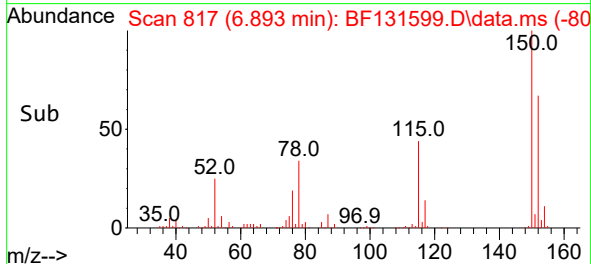
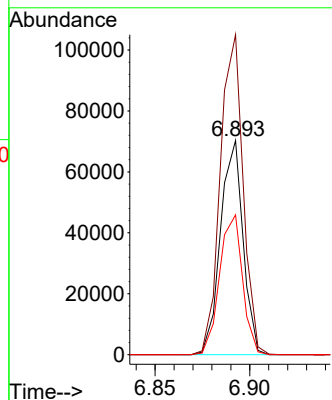
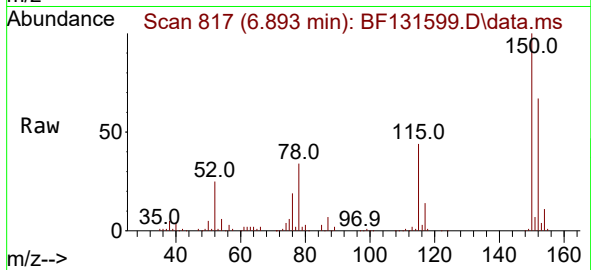




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131599.D
Acq: 12 Dec 2022 18:39

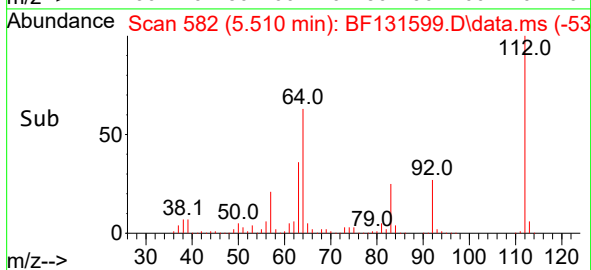
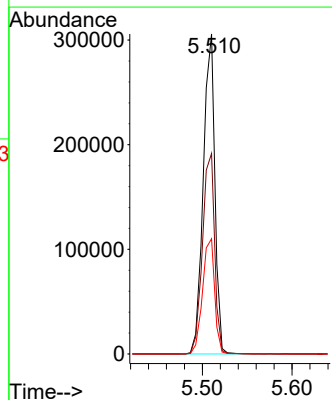
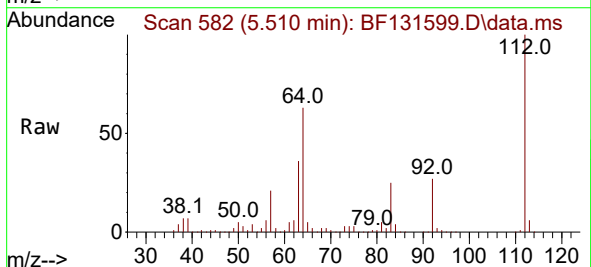
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-1-2-3-4-5

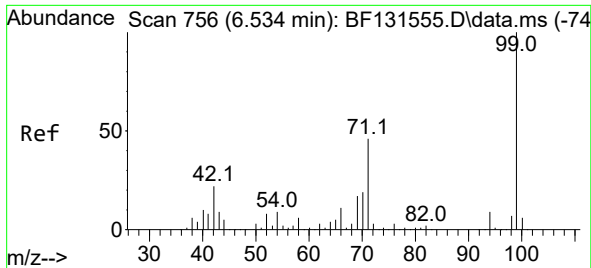
Tgt Ion:152 Resp: 58118
Ion Ratio Lower Upper
152 100
150 149.4 116.7 175.1
115 65.3 54.6 82.0



#5
2-Fluorophenol
Concen: 78.864 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF131599.D
Acq: 12 Dec 2022 18:39

Tgt Ion:112 Resp: 274740
Ion Ratio Lower Upper
112 100
64 62.6 54.5 81.7
63 36.0 31.9 47.9





#7

Phenol-d6

Concen: 50.665 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF131599.D

Acq: 12 Dec 2022 18:39

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-1-2-3-4-5

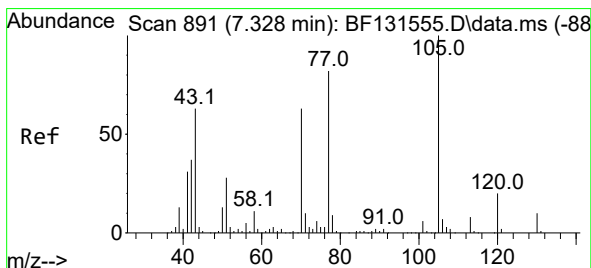
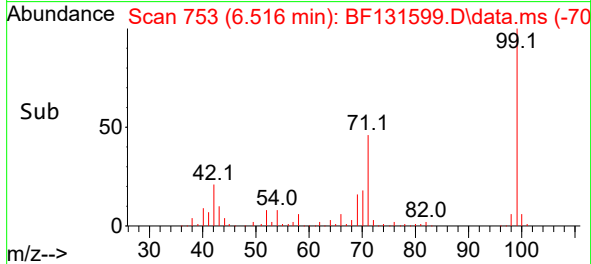
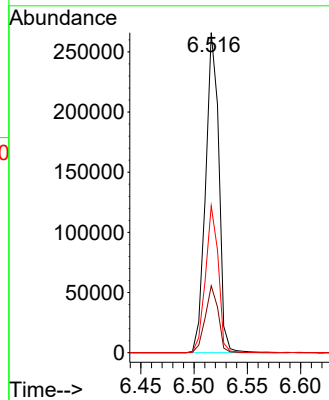
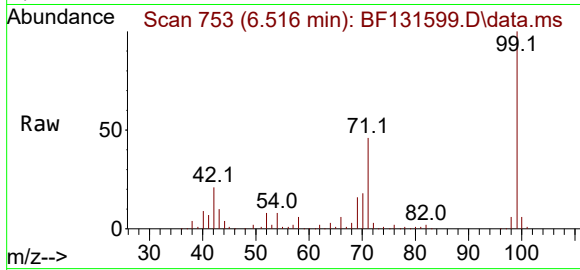
Tgt Ion: 99 Resp: 231291

Ion Ratio Lower Upper

99 100

42 20.9 17.9 26.9

71 45.9 37.2 55.8



#19

n-Nitroso-di-n-propylamine

Concen: 18.827 ng

RT: 7.457 min Scan# 913

Delta R.T. 0.141 min

Lab File: BF131599.D

Acq: 12 Dec 2022 18:39

Tgt Ion: 70 Resp: 64446

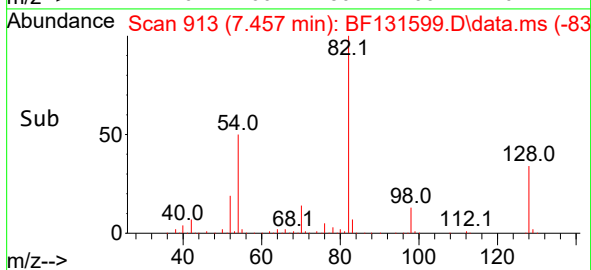
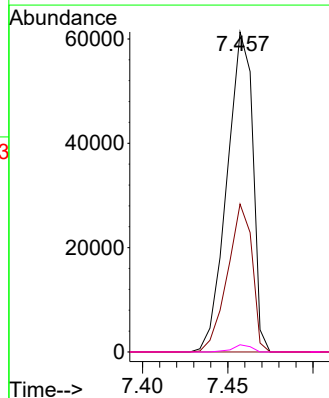
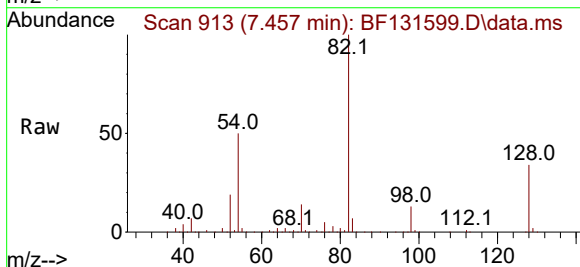
Ion Ratio Lower Upper

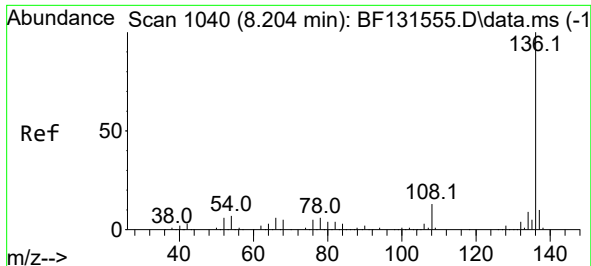
70 100

42 46.2 46.4 69.6#

101 0.0 7.2 10.8#

130 2.2 13.3 19.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131599.D

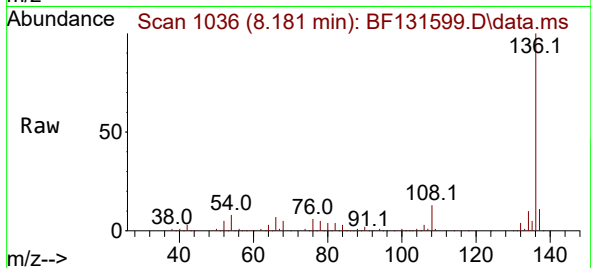
Acq: 12 Dec 2022 18:39

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-1-2-3-4-5



Tgt Ion:136 Resp: 207739

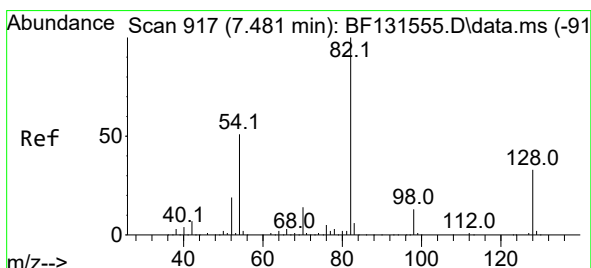
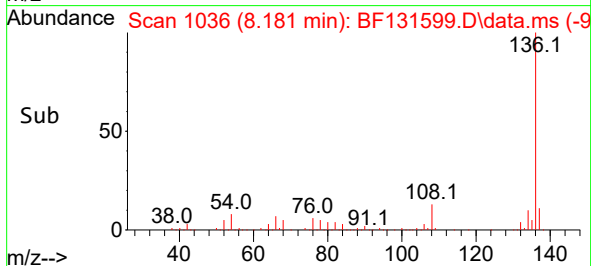
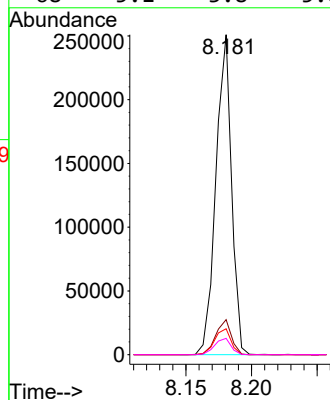
Ion Ratio Lower Upper

136 100

137 11.0 8.1 12.1

54 8.1 6.0 9.0

68 5.1 3.8 5.8



#23

Nitrobenzene-d5

Concen: 83.364 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF131599.D

Acq: 12 Dec 2022 18:39

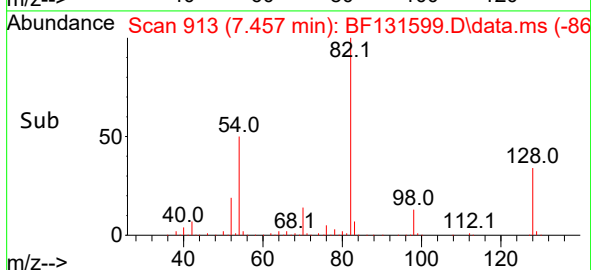
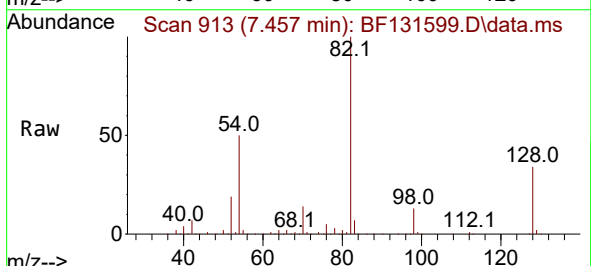
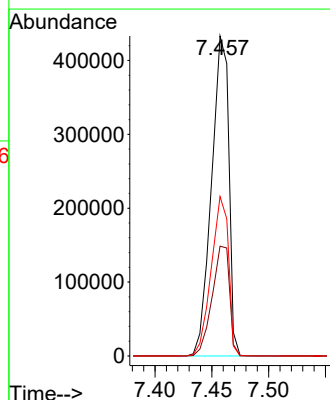
Tgt Ion: 82 Resp: 458064

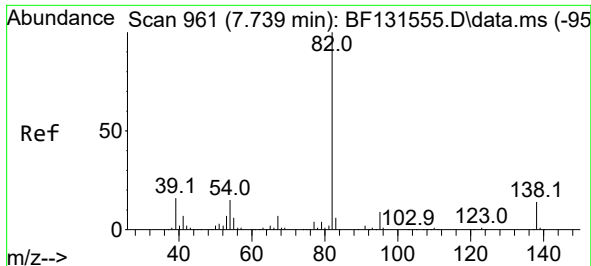
Ion Ratio Lower Upper

82 100

128 34.3 26.1 39.1

54 49.8 40.6 60.8

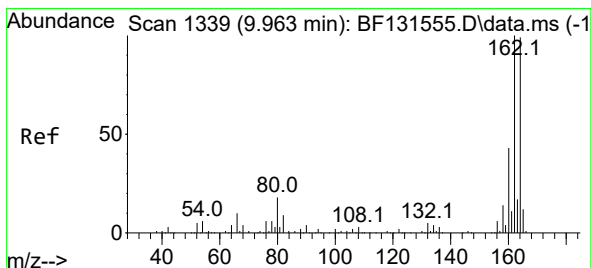
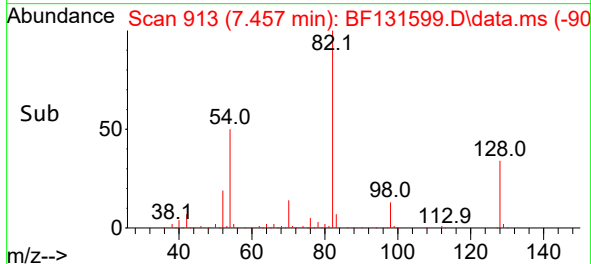
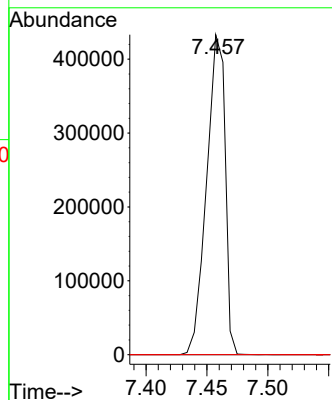
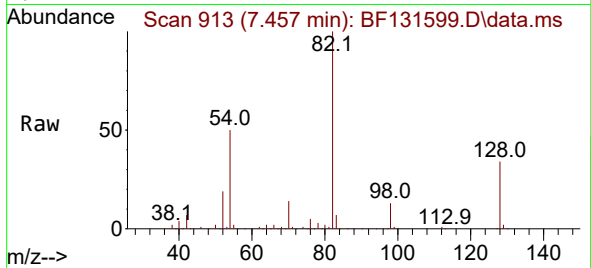




#25
Isophorone
Concen: 51.753 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131599.D
Acq: 12 Dec 2022 18:39

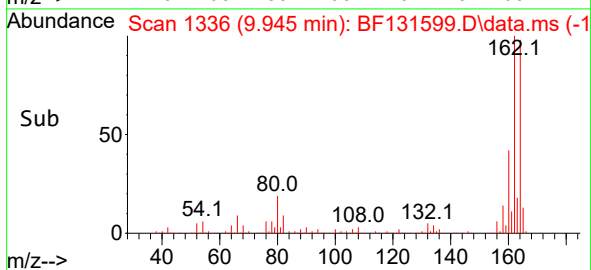
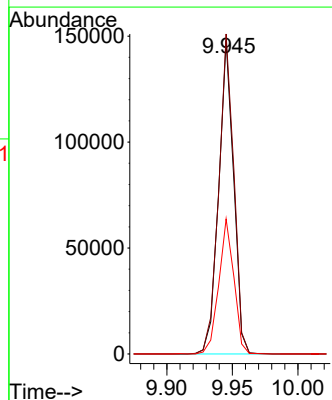
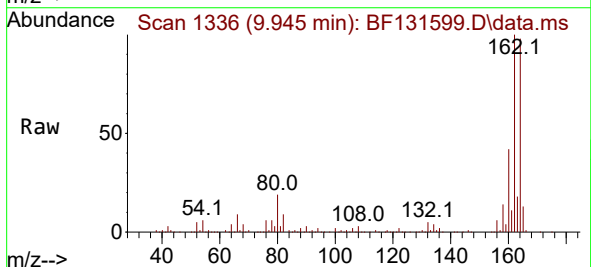
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-1-2-3-4-5

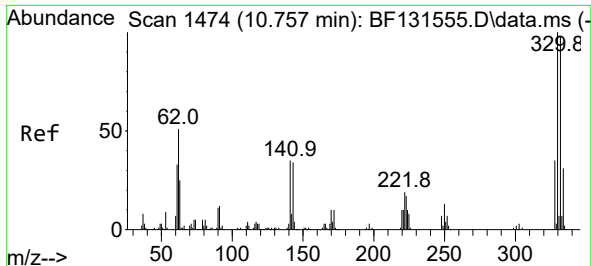
Tgt Ion: 82 Resp: 458052
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131599.D
Acq: 12 Dec 2022 18:39

Tgt Ion:164 Resp: 117192
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.6
160 43.1 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 132.020 ng

RT: 10.745 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131599.D

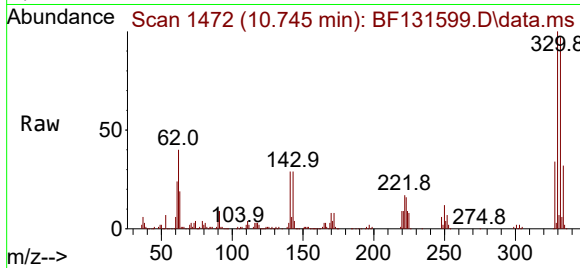
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BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-1-2-3-4-5



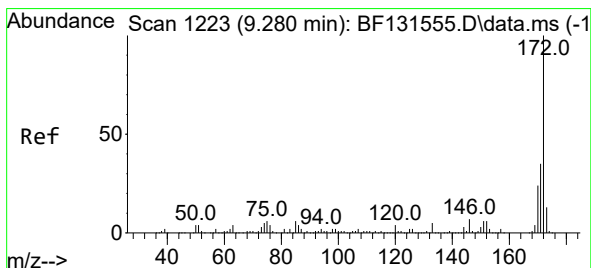
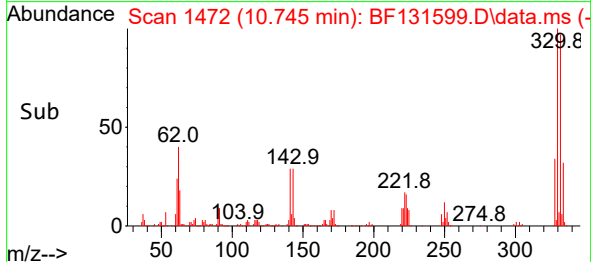
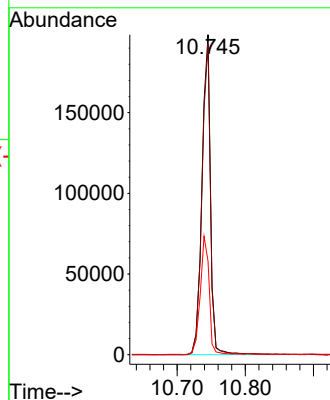
Tgt Ion:330 Resp: 171895

Ion Ratio Lower Upper

330 100

332 97.0 78.3 117.5

141 38.5 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 85.464 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131599.D

Acq: 12 Dec 2022 18:39

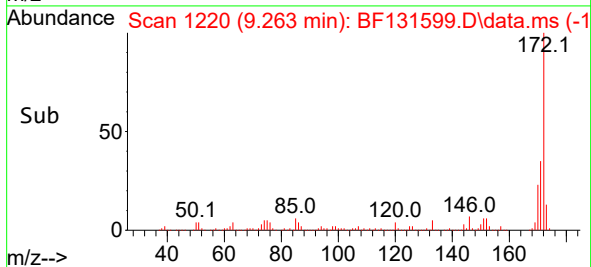
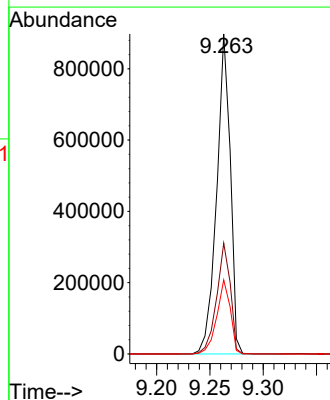
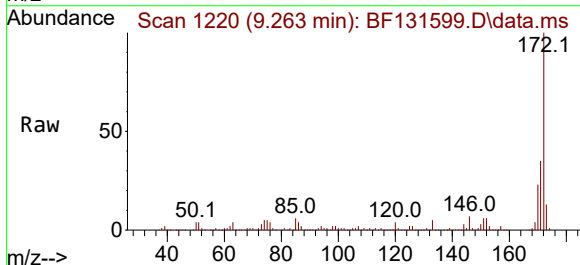
Tgt Ion:172 Resp: 794348

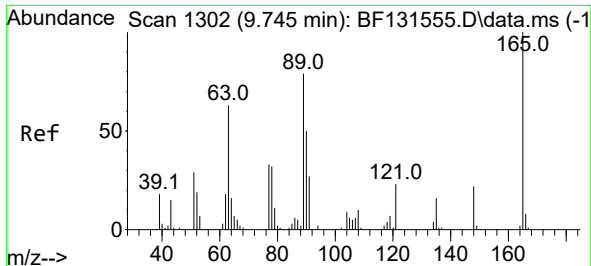
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.1 19.3 28.9

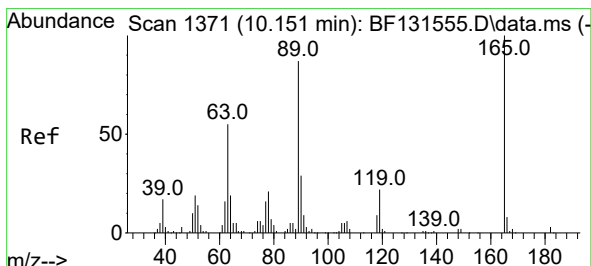
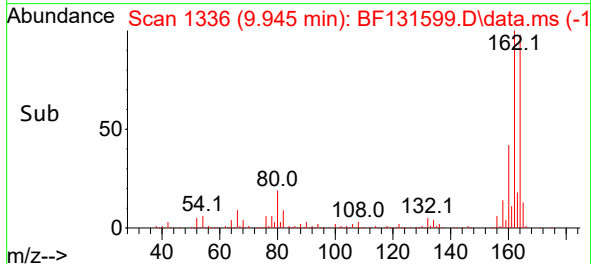
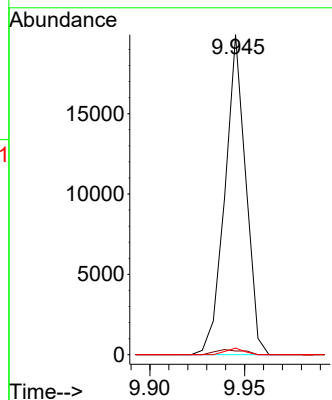
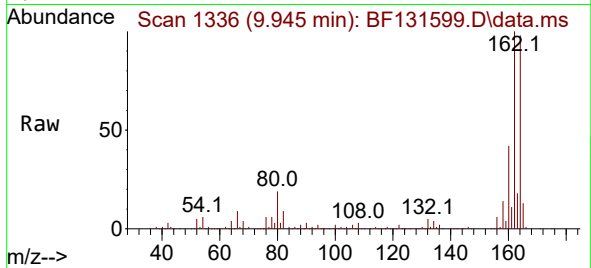




#51
2,6-Dinitrotoluene
Concen: 8.266 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.206 min
Lab File: BF131599.D
Acq: 12 Dec 2022 18:39

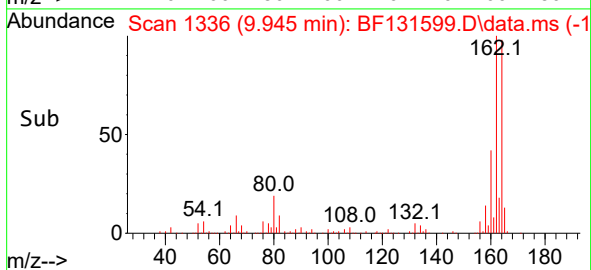
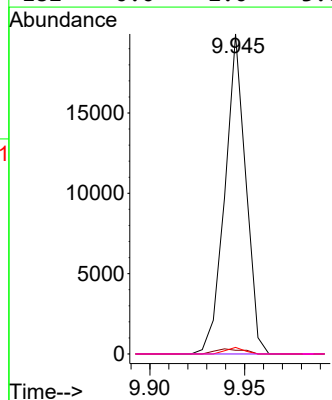
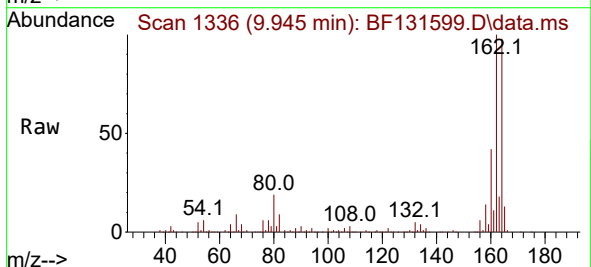
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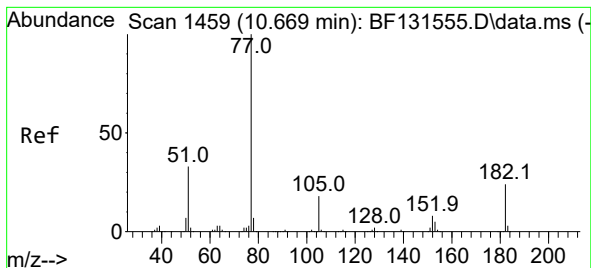
Tgt Ion:165 Resp: 15246
Ion Ratio Lower Upper
165 100
63 1.1 67.9 101.9#
89 2.1 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.232 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF131599.D
Acq: 12 Dec 2022 18:39

Tgt Ion:165 Resp: 15246
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#





#63

Azobenzene

Concen: 2.132 ng

RT: 10.663 min Scan# 1459

Delta R.T. 0.006 min

Lab File: BF131599.D

Acq: 12 Dec 2022 18:39

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-1-2-3-4-5

Tgt Ion: 77 Resp: 20851

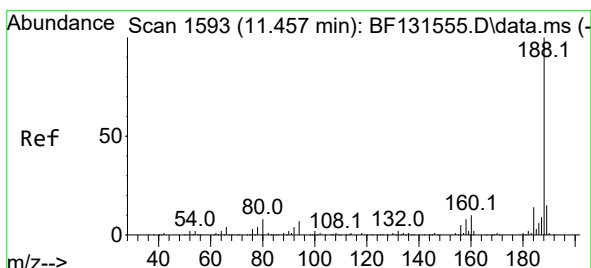
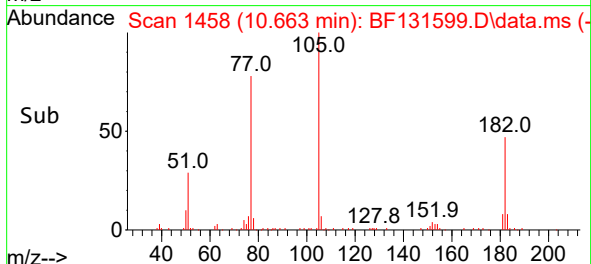
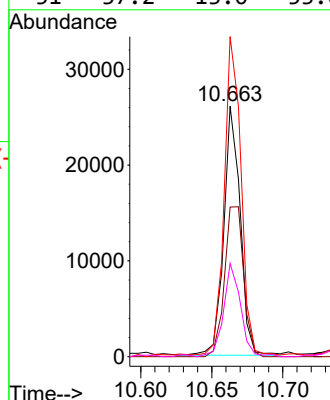
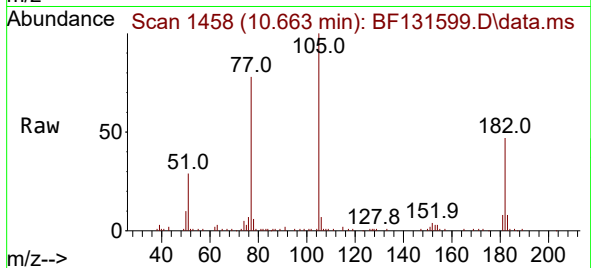
Ion Ratio Lower Upper

77 100

182 59.7 3.9 43.9#

105 127.8 0.0 38.3#

51 37.2 13.0 53.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1590

Delta R.T. -0.012 min

Lab File: BF131599.D

Acq: 12 Dec 2022 18:39

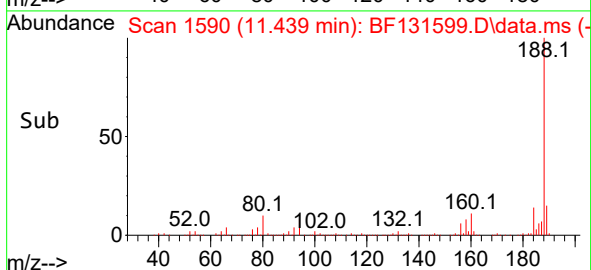
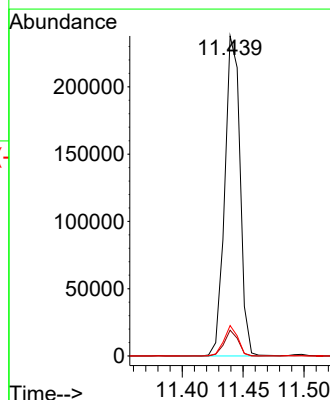
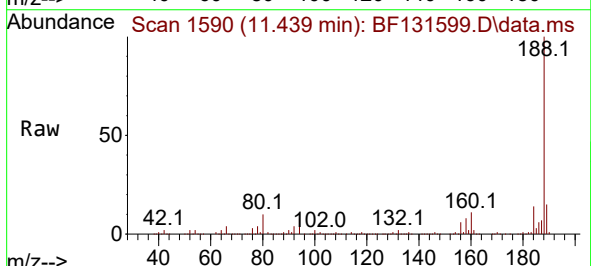
Tgt Ion:188 Resp: 208250

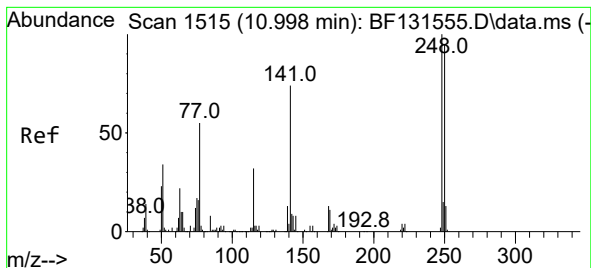
Ion Ratio Lower Upper

188 100

94 8.0 5.5 8.3

80 9.5 6.6 10.0

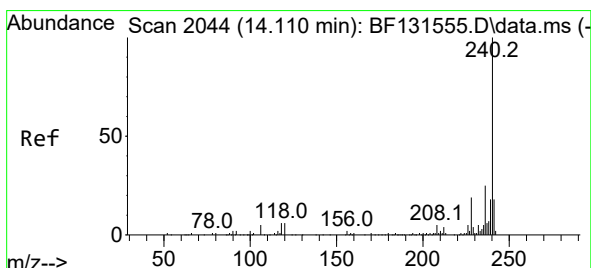
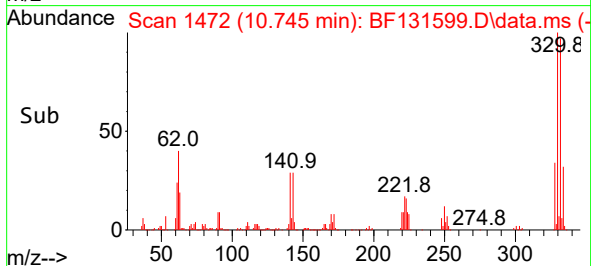
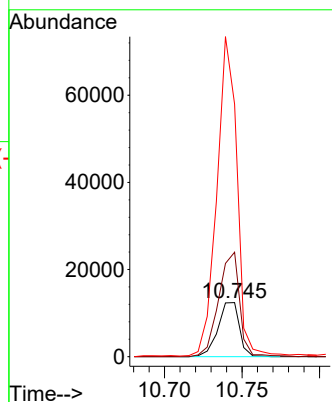
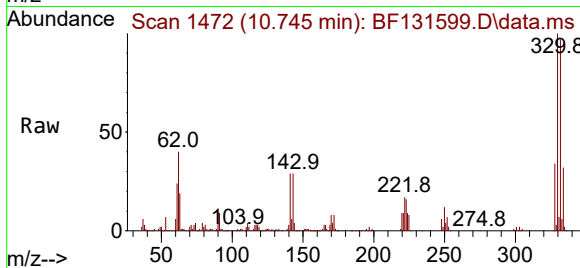




#67
4-Bromophenyl-phenylether
Concen: 4.461 ng
RT: 10.745 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131599.D
Acq: 12 Dec 2022 18:39

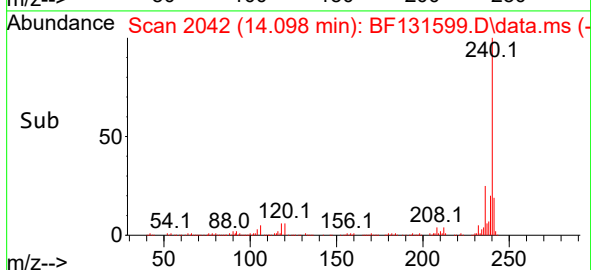
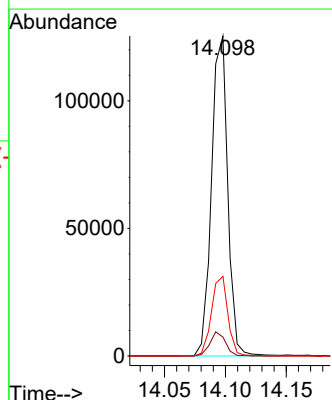
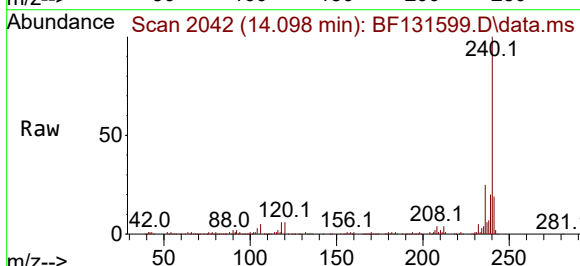
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-1-2-3-4-5

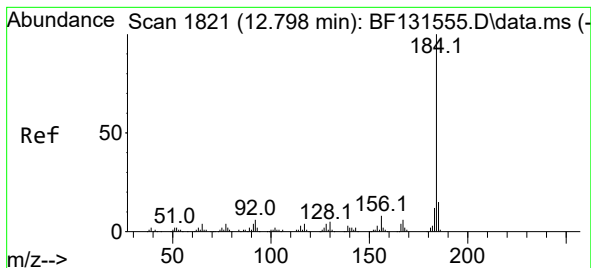
Tgt Ion:248 Resp: 11951
Ion Ratio Lower Upper
248 100
250 193.2 76.2 114.2#
141 466.9 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF131599.D
Acq: 12 Dec 2022 18:39

Tgt Ion:240 Resp: 115976
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 24.9 20.2 30.2





#77

Benzidine

Concen: 2.620 ng

RT: 13.039 min Scan# 1862

Delta R.T. 0.247 min

Lab File: BF131599.D

Acq: 12 Dec 2022 18:39

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-1-2-3-4-5

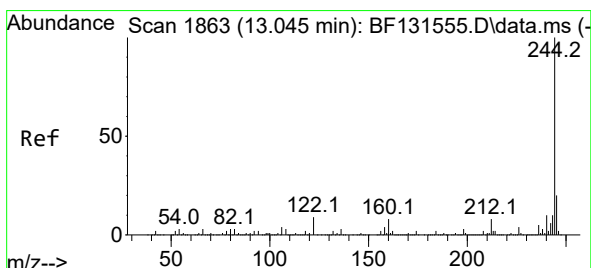
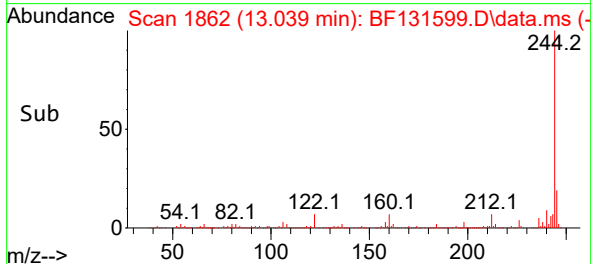
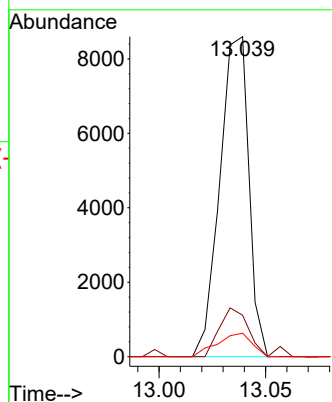
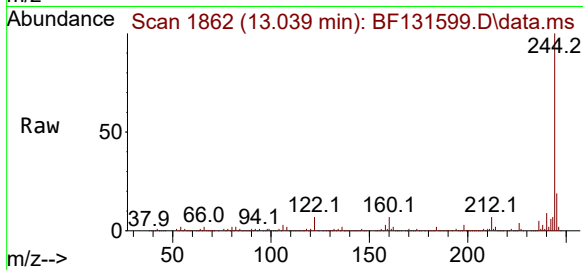
Tgt Ion:184 Resp: 8141

Ion Ratio Lower Upper

184 100

185 12.9 12.2 18.2

183 7.4 9.3 13.9#



#79

Terphenyl-d14

Concen: 57.943 ng

RT: 13.039 min Scan# 1862

Delta R.T. -0.006 min

Lab File: BF131599.D

Acq: 12 Dec 2022 18:39

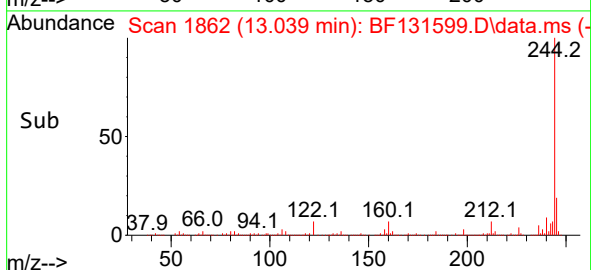
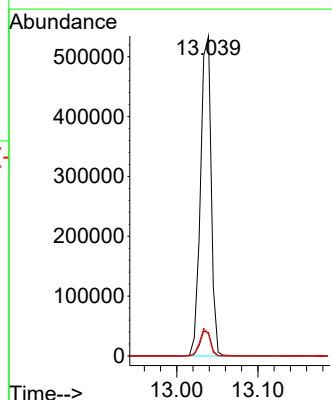
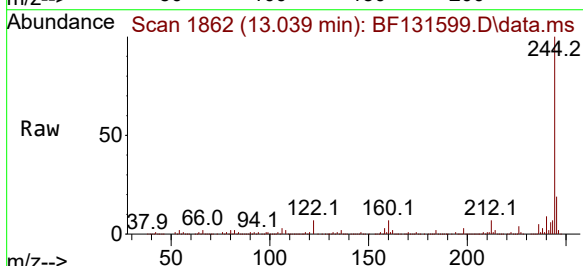
Tgt Ion:244 Resp: 490005

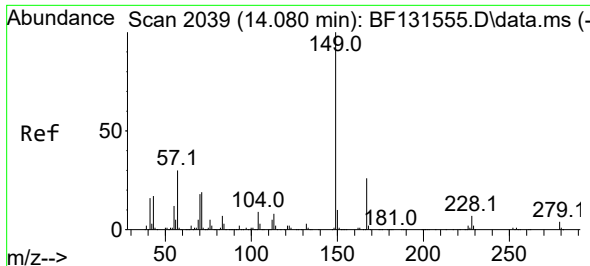
Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

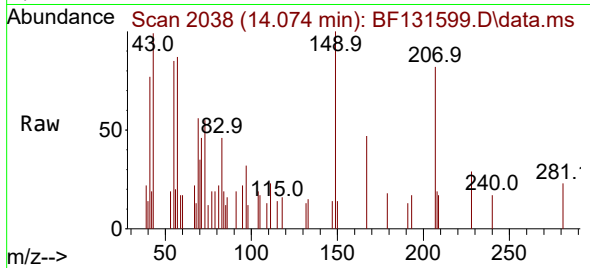
122 6.8 7.1 10.7#



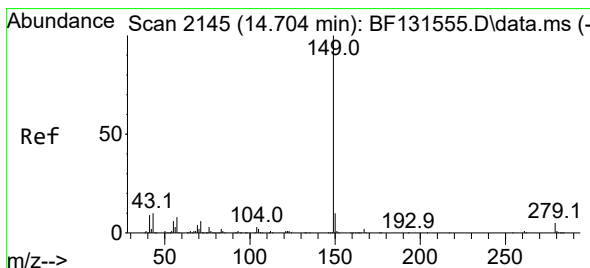
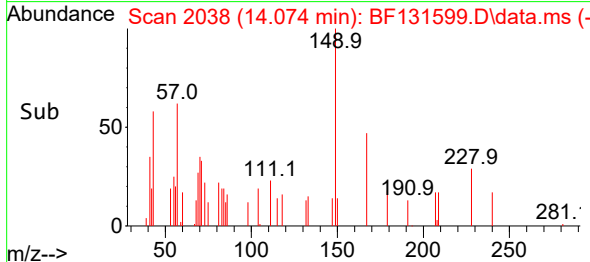
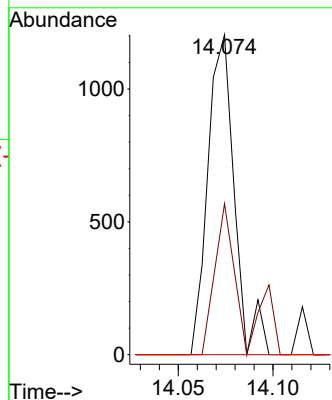


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.276 ng
 RT: 14.074 min Scan# 2038
 Delta R.T. -0.006 min
 Lab File: BF131599.D
 Acq: 12 Dec 2022 18:39

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-1-2-3-4-5

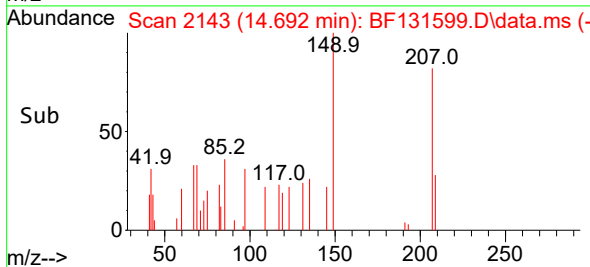
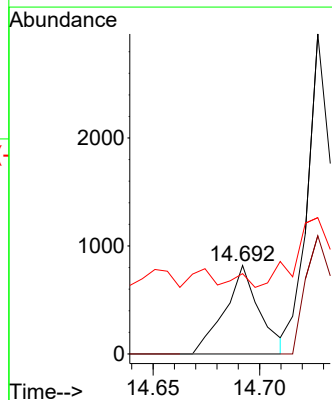
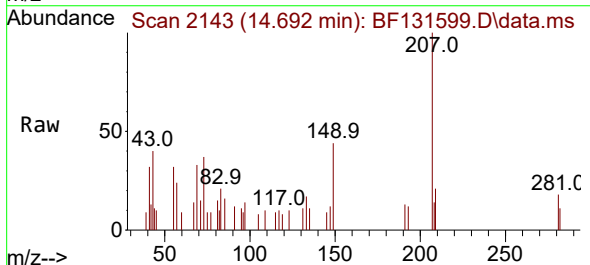


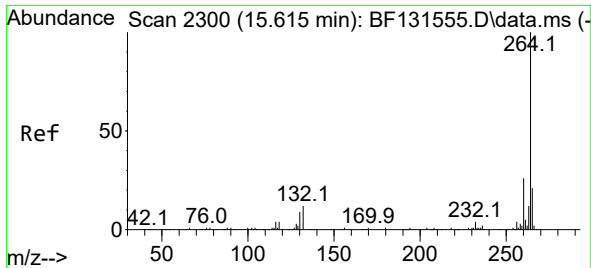
Tgt Ion:149 Resp: 1176
 Ion Ratio Lower Upper
 149 100
 167 47.2 20.8 31.2#
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 5.331 ng
 RT: 14.692 min Scan# 2143
 Delta R.T. -0.006 min
 Lab File: BF131599.D
 Acq: 12 Dec 2022 18:39

Tgt Ion:149 Resp: 928
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 8.6 13.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.610 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131599.D

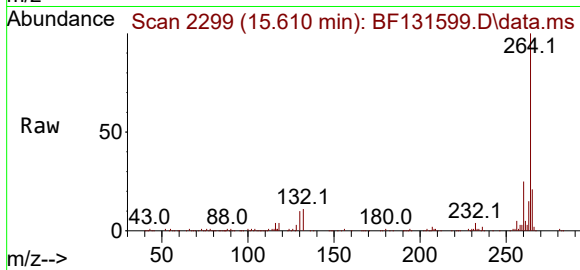
Acq: 12 Dec 2022 18:39

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-1-2-3-4-5



Tgt Ion:264 Resp: 128318

Ion Ratio Lower Upper

264 100

260 25.0 20.6 30.8

265 21.2 16.8 25.2

