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 Data File : BF131459.D
 Acq On : 29 Nov 2022 16:32
 Operator : CG\JU
 Sample : N5780-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-M

Quant Time: Nov 30 01:06:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

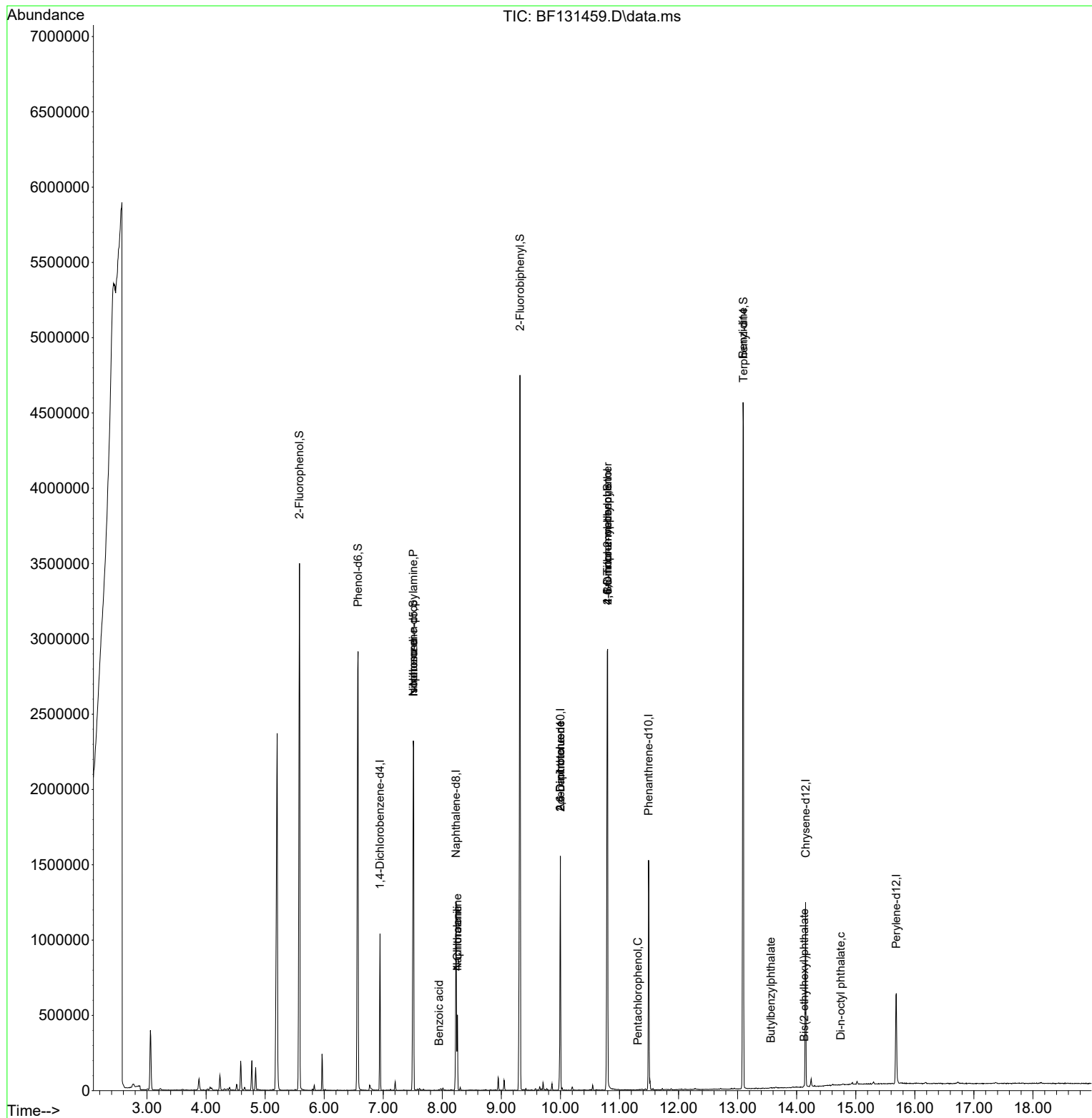
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	142975	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	545049	20.000	ng	#-0.01
39) Acenaphthene-d10	9.998	164	310414	20.000	ng	-0.01
64) Phenanthrene-d10	11.492	188	563489	20.000	ng	#-0.01
76) Chrysene-d12	14.151	240	405513	20.000	ng	#-0.02
86) Perylene-d12	15.686	264	297862	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1046312	139.280	ng	0.02
7) Phenol-d6	6.575	99	1223099	127.608	ng	0.00
23) Nitrobenzene-d5	7.510	82	929351	85.951	ng	-0.02
42) 2,4,6-Tribromophenol	10.798	330	432252	165.516	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1679896	78.732	ng	-0.01
79) Terphenyl-d14	13.098	244	1952714	78.745	ng	0.00
Target Compounds						
9) Benzaldehyde	6.498	77	76	Below Cal		Qvalue # 56
19) n-Nitroso-di-n-propyla...	7.510	70	124925	17.804	ng	# 71
25) Isophorone	7.510	82	927413	48.076	ng	# 68
31) Naphthalene	8.257	128	232193	7.994	ng	# 99
32) Benzoic acid	7.945	122	74	5.145	ng	# 80
33) 4-Chloroaniline	8.257	127	30016	2.619	ng	# 29
51) 2,6-Dinitrotoluene	9.998	165	40094	9.270	ng	# 14
57) 2,4-Dinitrotoluene	9.998	165	40094	7.367	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.798	198	906	4.994	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	28128	4.073	ng	# 1
70) Pentachlorophenol	11.310	266	64	4.892	ng	# 19
77) Benzidine	13.092	184	24250	3.238	ng	# 91
80) Butylbenzylphthalate	13.563	149	192	4.158	ng	# 35
84) Bis(2-ethylhexyl)phtha...	14.127	149	2248	3.879	ng	# 95
85) Di-n-octyl phthalate	14.745	149	181	3.910	ng	# 1

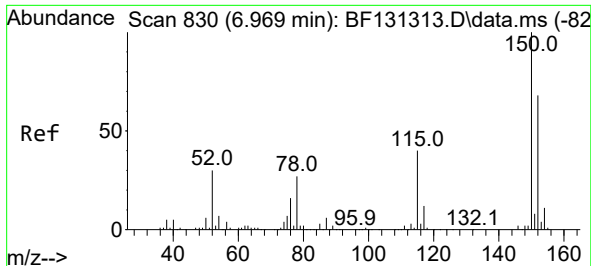
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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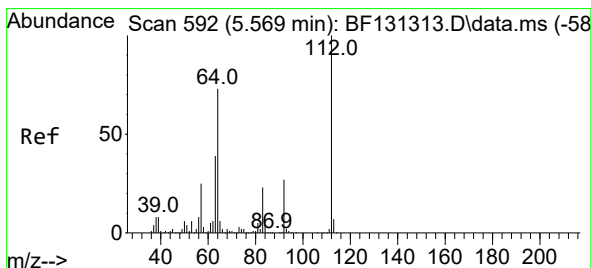
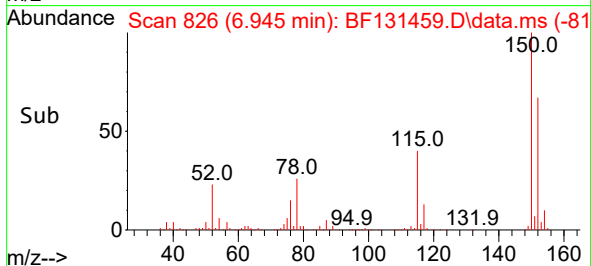
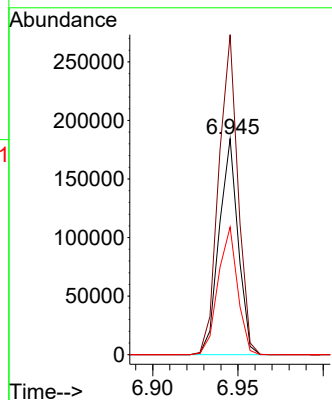
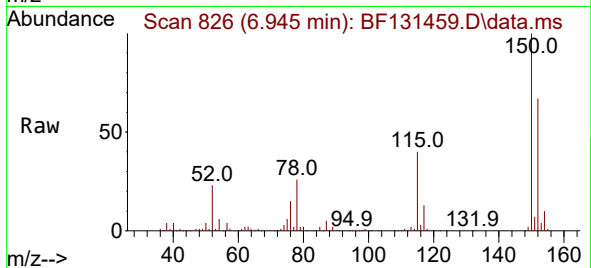




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

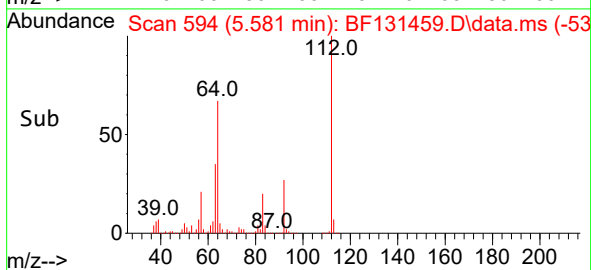
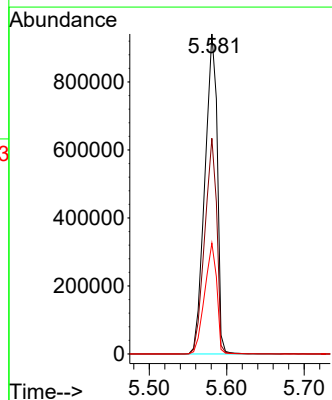
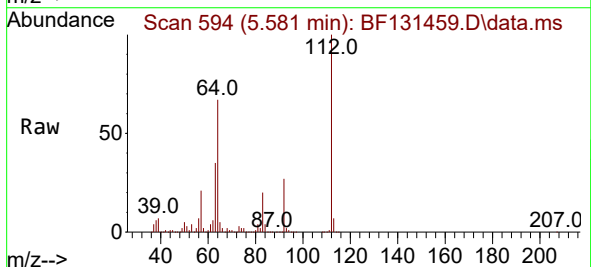
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BNA_F
ClientSampleId :
TP-M

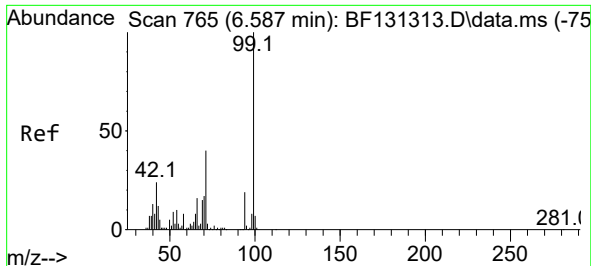
Tgt Ion:152 Resp: 142975
Ion Ratio Lower Upper
152 100
150 148.2 117.8 176.8
115 59.1 47.1 70.7



#5
2-Fluorophenol
Concen: 139.280 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.023 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

Tgt Ion:112 Resp: 1046312
Ion Ratio Lower Upper
112 100
64 67.4 58.6 88.0
63 34.7 31.4 47.0

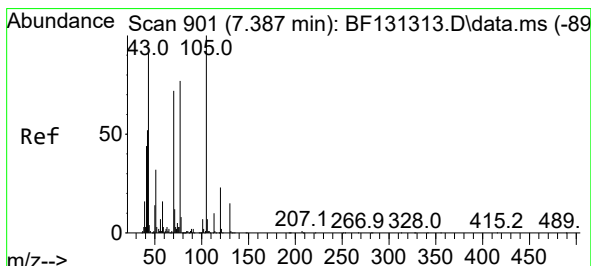
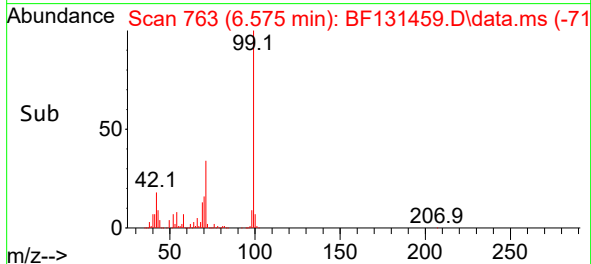
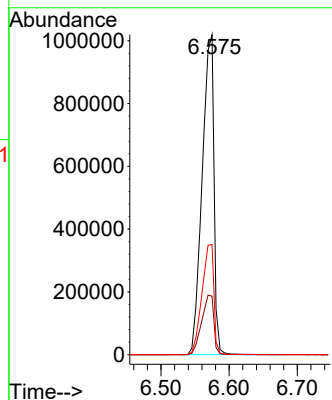
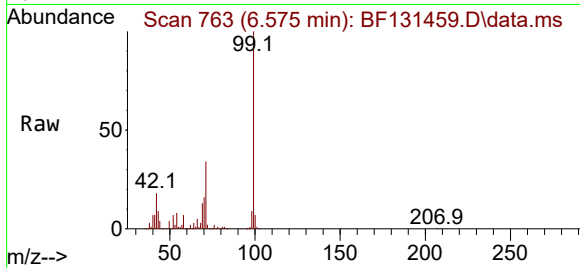




#7
Phenol-d6
Concen: 127.608 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

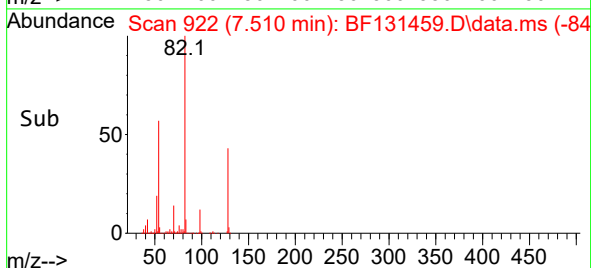
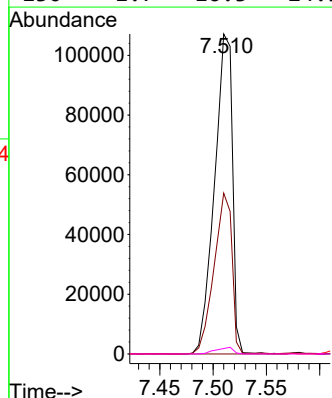
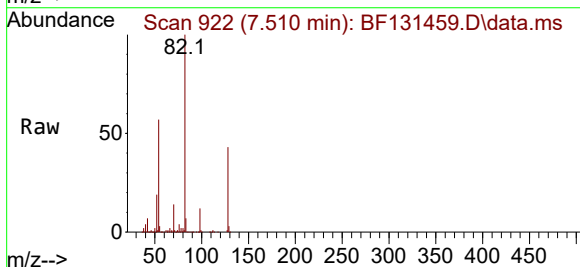
Instrument :
BNA_F
ClientSampleId :
TP-M

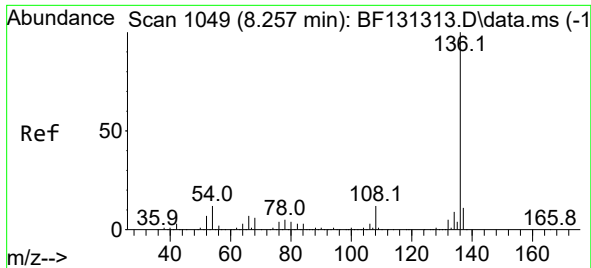
Tgt Ion: 99 Resp: 1223099
Ion Ratio Lower Upper
99 100
42 18.3 19.4 29.2#
71 34.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.804 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.141 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

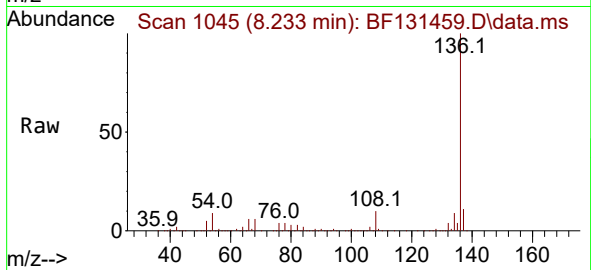
Tgt Ion: 70 Resp: 124925
Ion Ratio Lower Upper
70 100
42 50.2 57.6 86.4#
101 0.0 8.2 12.2#
130 1.7 16.3 24.5#



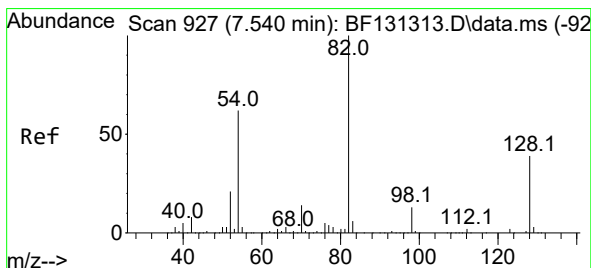
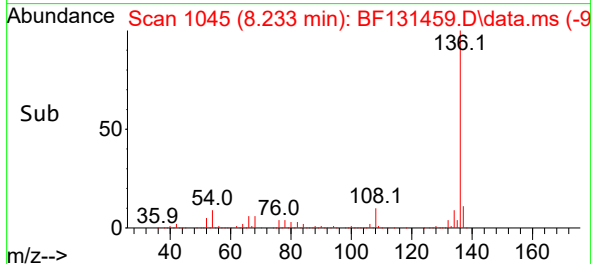
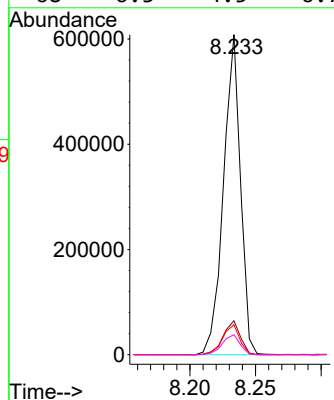


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

Instrument :
BNA_F
ClientSampleId :
TP-M

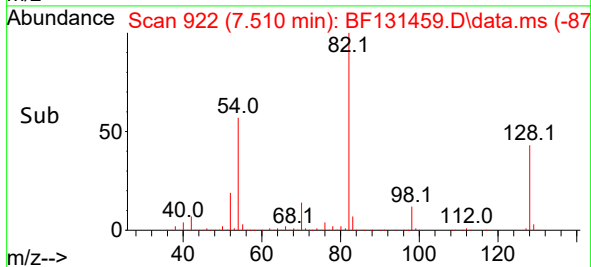
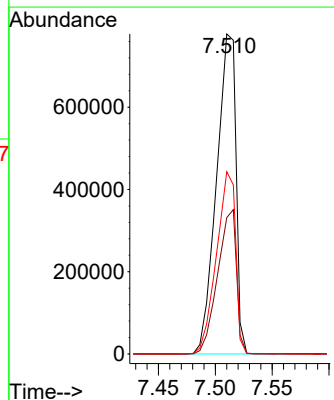
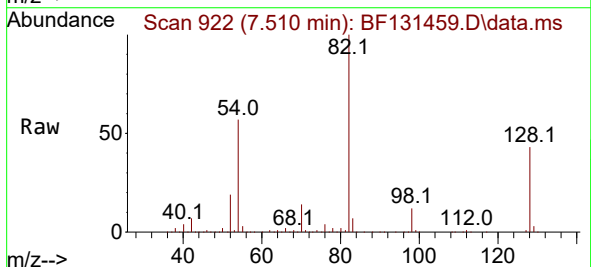


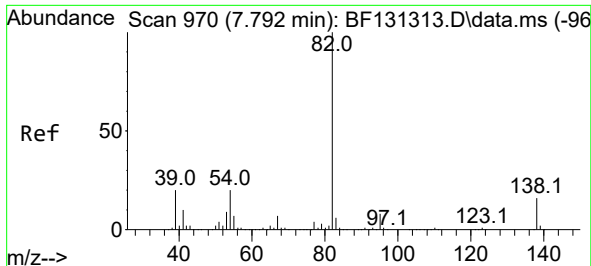
Tgt Ion:136 Resp: 545049
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.4 9.4 14.0#
68 6.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 85.951 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.018 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

Tgt Ion: 82 Resp: 929351
Ion Ratio Lower Upper
82 100
128 42.6 31.4 47.0
54 56.9 49.8 74.6

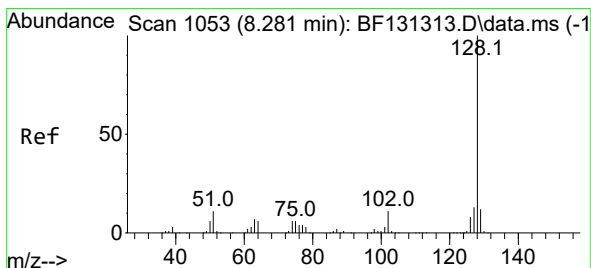
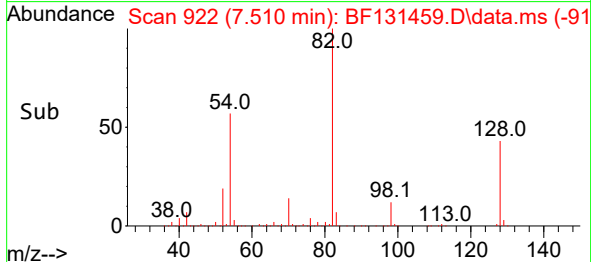
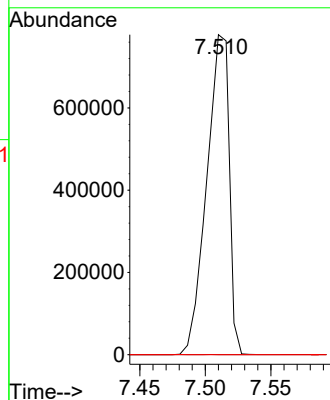
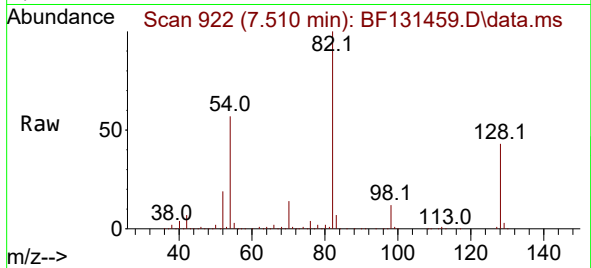




#25
Isophorone
Concen: 48.076 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.271 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

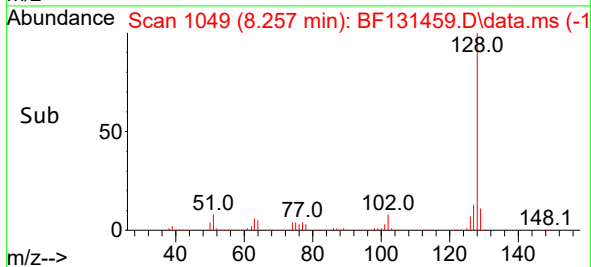
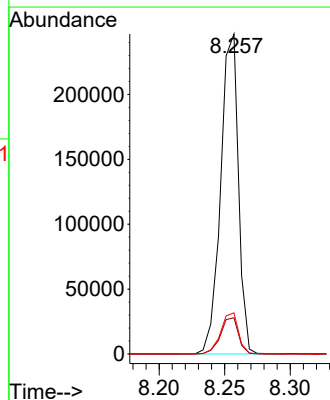
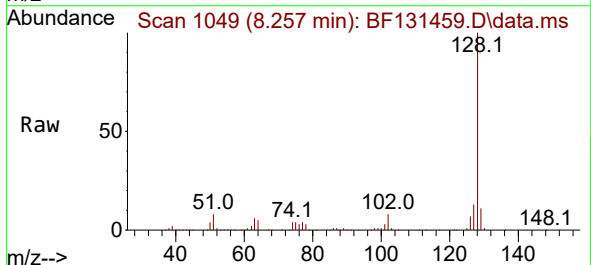
Instrument :
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ClientSampleId :
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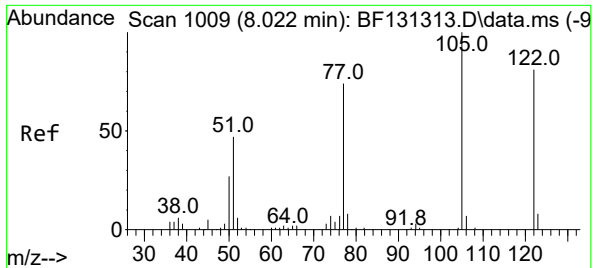
Tgt Ion: 82 Resp: 927413
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#31
Naphthalene
Concen: 7.994 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.012 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

Tgt Ion:128 Resp: 232193
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 12.9 10.6 16.0

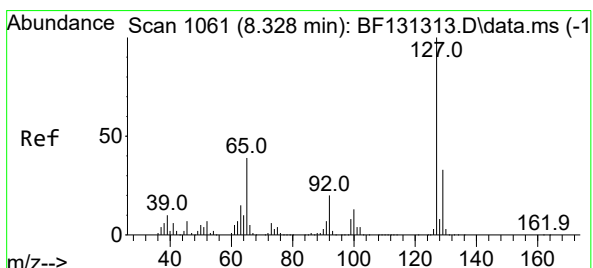
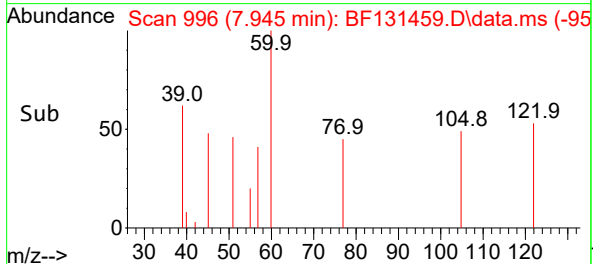
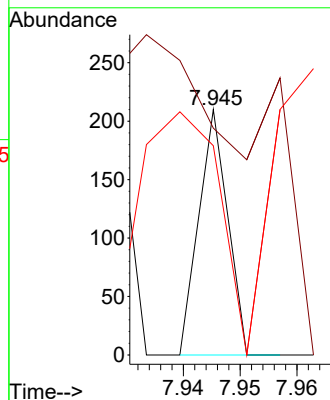
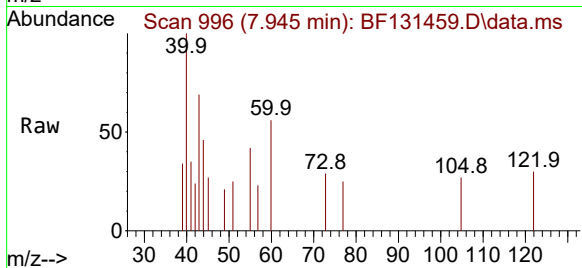




#32
Benzoic acid
Concen: 5.145 ng
RT: 7.945 min Scan# 91
Delta R.T. -0.059 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

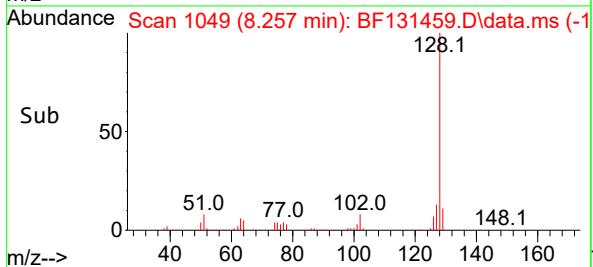
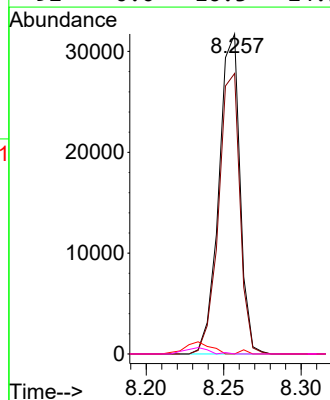
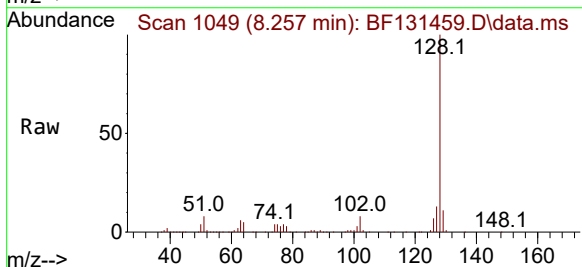
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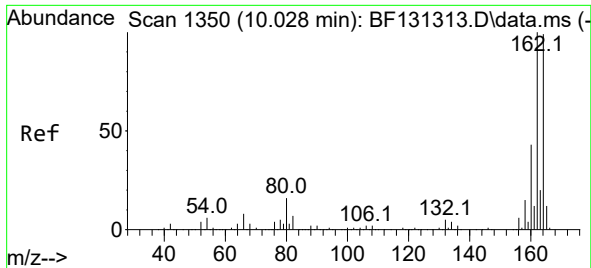
Tgt Ion:122 Resp: 74
Ion Ratio Lower Upper
122 100
105 92.4 103.8 143.8#
77 85.2 74.3 114.3



#33
4-Chloroaniline
Concen: 2.619 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.059 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

Tgt Ion:127 Resp: 30016
Ion Ratio Lower Upper
127 100
129 87.7 26.4 39.6#
65 0.0 31.0 46.6#
92 0.0 16.3 24.5#

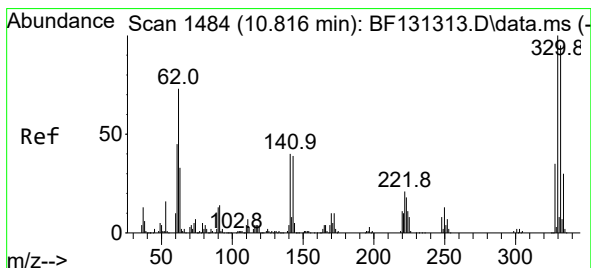
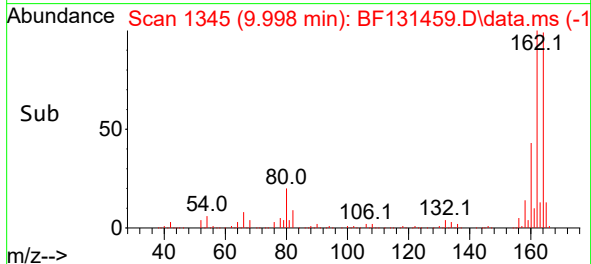
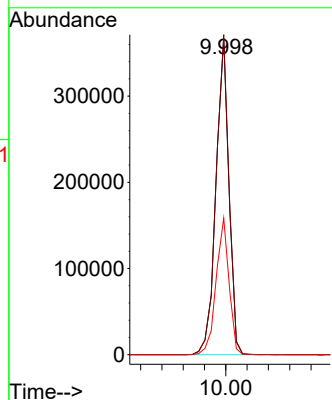
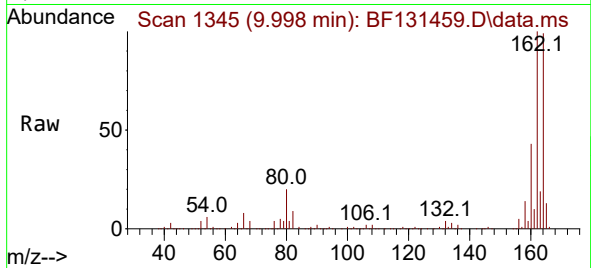




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

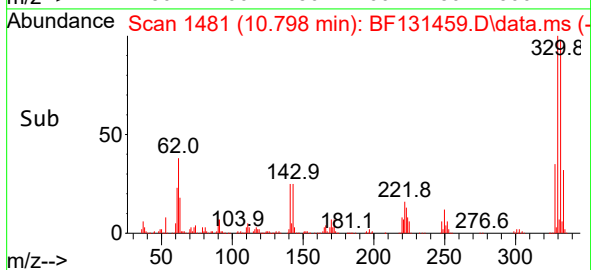
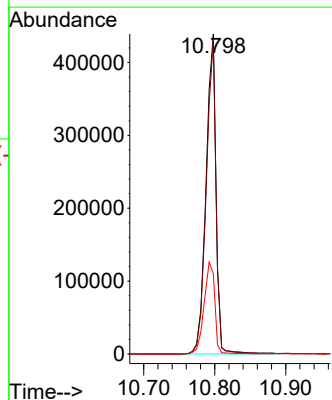
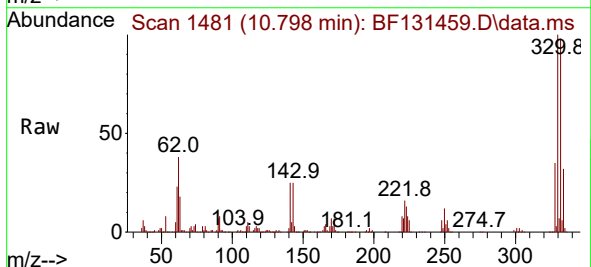
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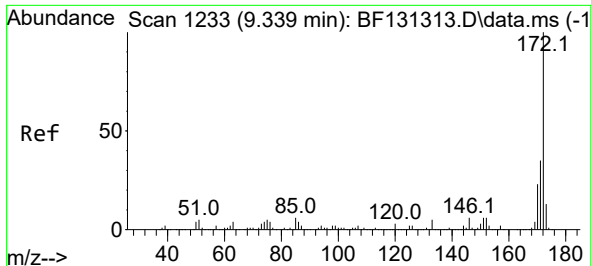
Tgt Ion:164 Resp: 310414
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 43.1 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 165.516 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

Tgt Ion:330 Resp: 432252
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 30.7 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 78.732 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131459.D

Acq: 29 Nov 2022 16:32

Instrument :

BNA_F

ClientSampleId :

TP-M

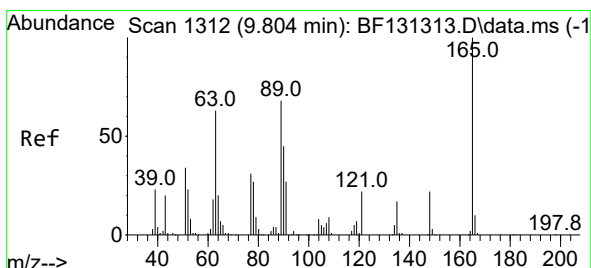
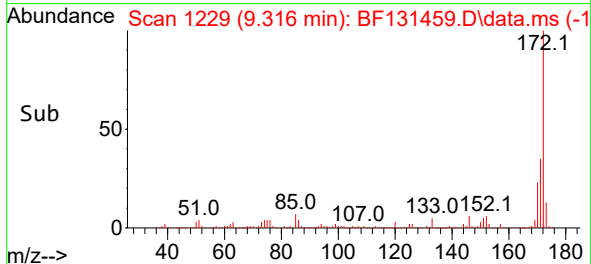
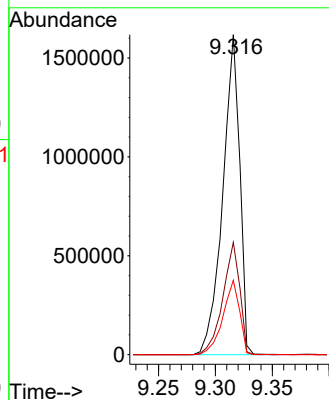
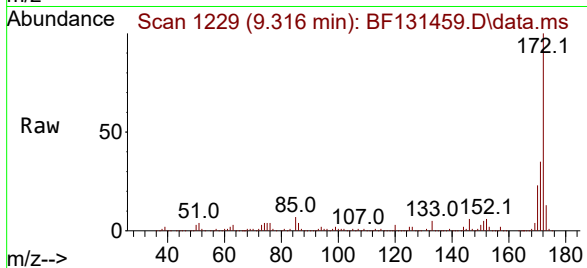
Tgt Ion:172 Resp: 1679896

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.3 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.270 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.206 min

Lab File: BF131459.D

Acq: 29 Nov 2022 16:32

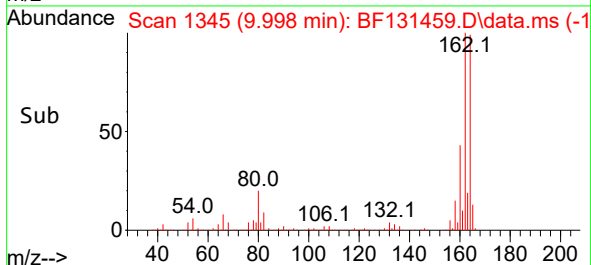
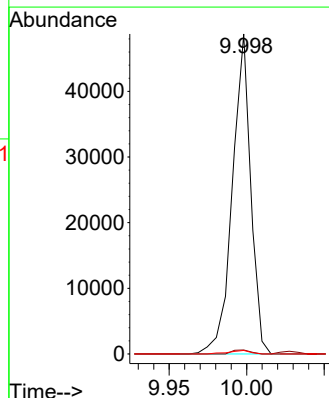
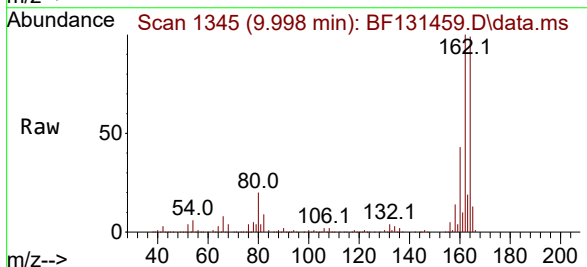
Tgt Ion:165 Resp: 40094

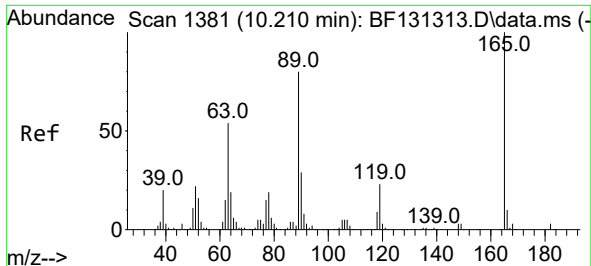
Ion Ratio Lower Upper

165 100

63 1.2 62.0 93.0#

89 1.1 54.4 81.6#

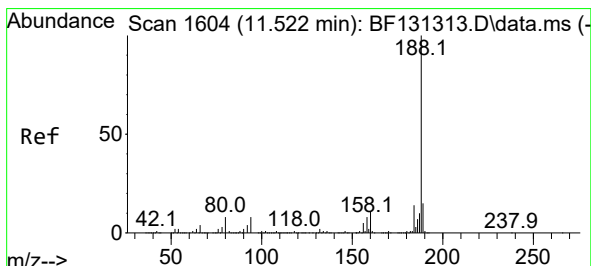
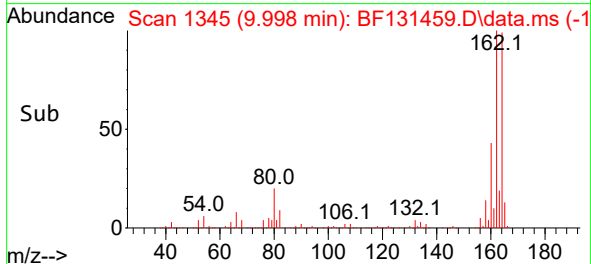
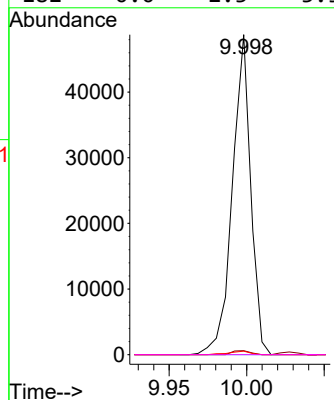
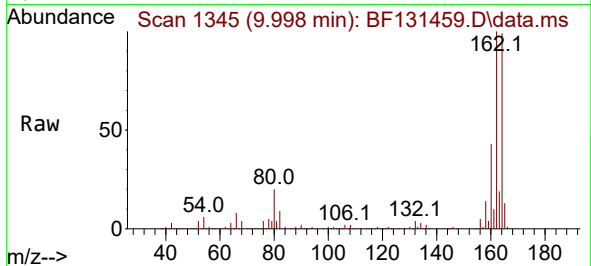




#57
2,4-Dinitrotoluene
Concen: 7.367 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

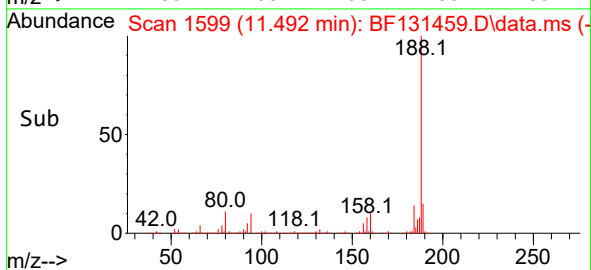
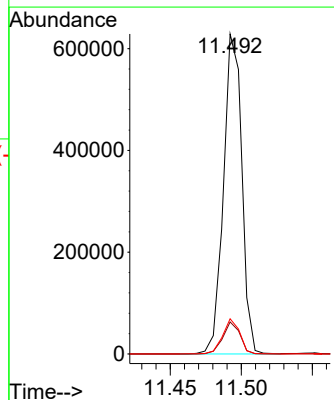
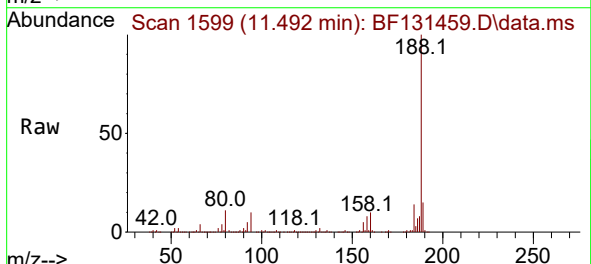
Instrument :
BNA_F
ClientSampleId :
TP-M

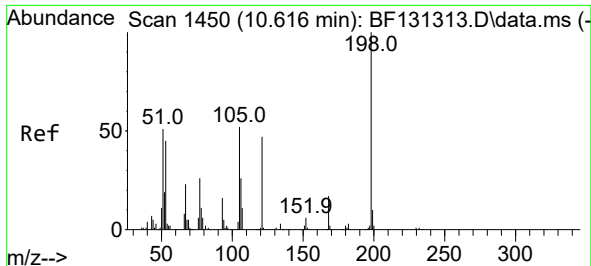
Tgt Ion:165 Resp: 40094
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.2#
89 1.1 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

Tgt Ion:188 Resp: 563489
Ion Ratio Lower Upper
188 100
94 10.0 6.3 9.5#
80 11.0 6.8 10.2#

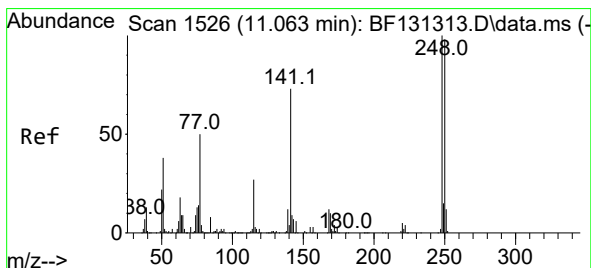
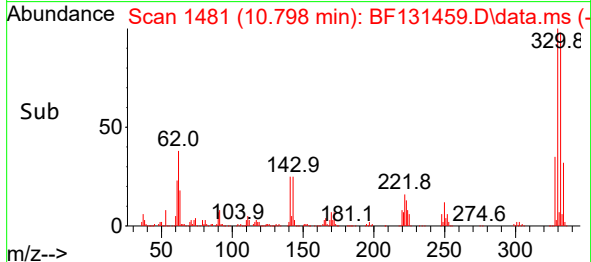
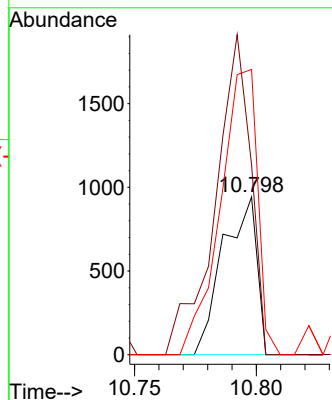
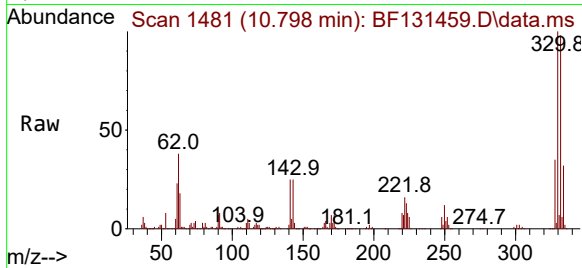




#65
4,6-Dinitro-2-methylphenol
Concen: 4.994 ng
RT: 10.798 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

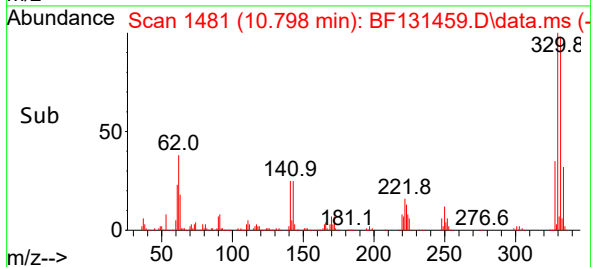
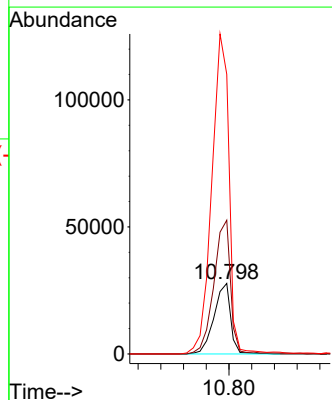
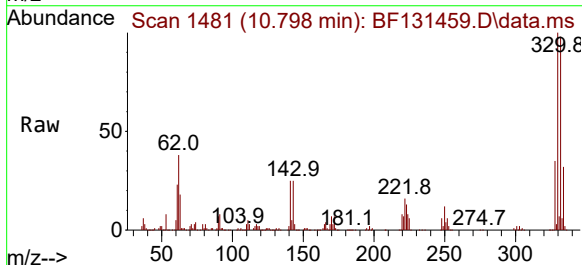
Instrument :
BNA_F
ClientSampleId :
TP-M

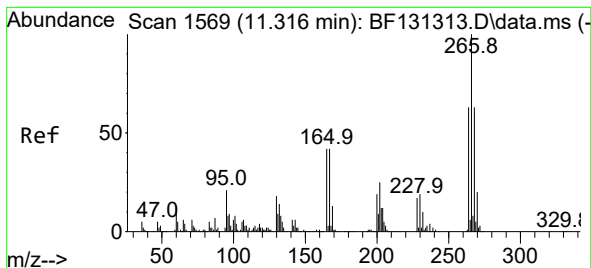
Tgt Ion:198 Resp: 906
Ion Ratio Lower Upper
198 100
51 120.6 50.1 90.1#
105 180.8 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 4.073 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF131459.D
Acq: 29 Nov 2022 16:32

Tgt Ion:248 Resp: 28128
Ion Ratio Lower Upper
248 100
250 189.6 78.3 117.5#
141 396.6 58.0 87.0#





#70

Pentachlorophenol

Concen: 4.892 ng

RT: 11.310 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131459.D

Acq: 29 Nov 2022 16:32

Instrument :

BNA_F

ClientSampleId :

TP-M

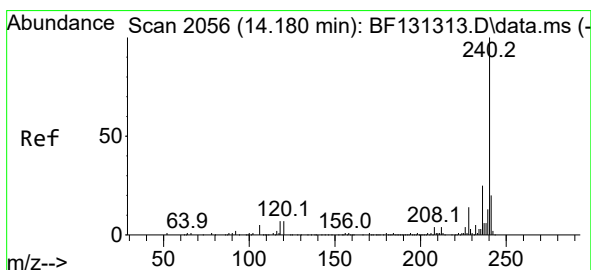
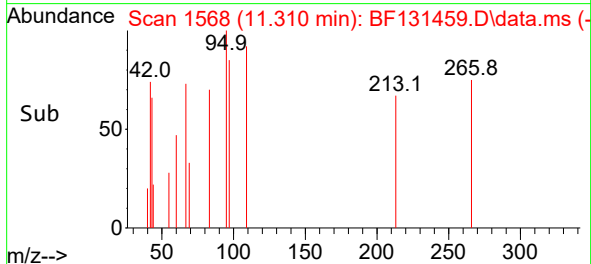
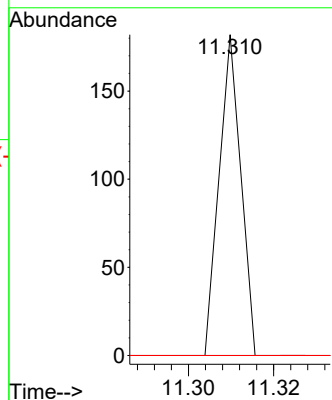
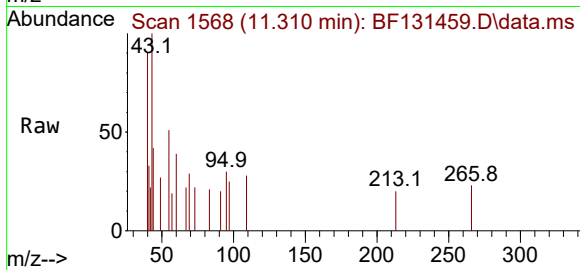
Tgt Ion:266 Resp: 64

Ion Ratio Lower Upper

266 100

268 0.0 50.6 75.8#

264 0.0 50.4 75.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 2051

Delta R.T. -0.018 min

Lab File: BF131459.D

Acq: 29 Nov 2022 16:32

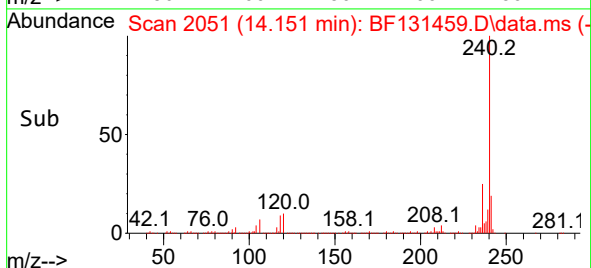
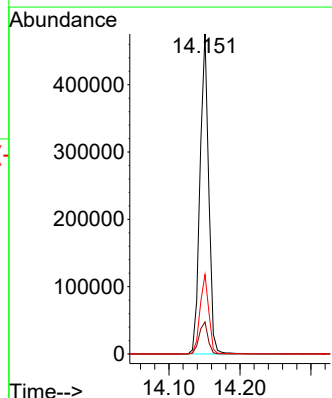
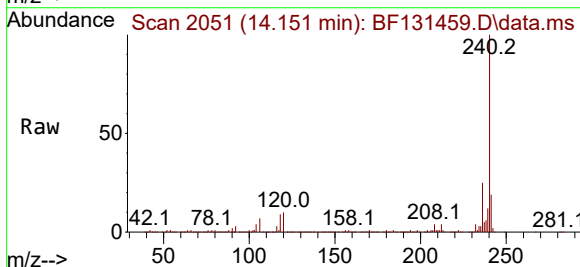
Tgt Ion:240 Resp: 405513

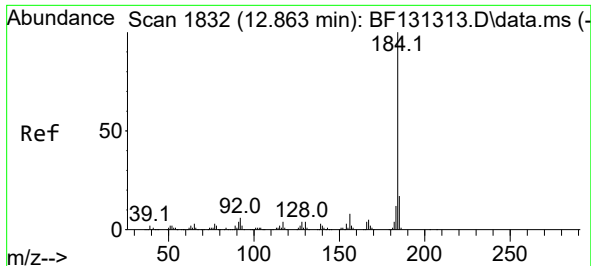
Ion Ratio Lower Upper

240 100

120 10.0 5.8 8.8#

236 24.8 20.3 30.5





#77

Benzidine

Concen: 3.238 ng

RT: 13.092 min Scan# 1871

Delta R.T. 0.241 min

Lab File: BF131459.D

Acq: 29 Nov 2022 16:32

Instrument :

BNA_F

ClientSampleId :

TP-M

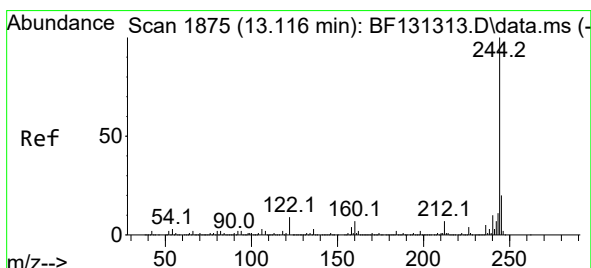
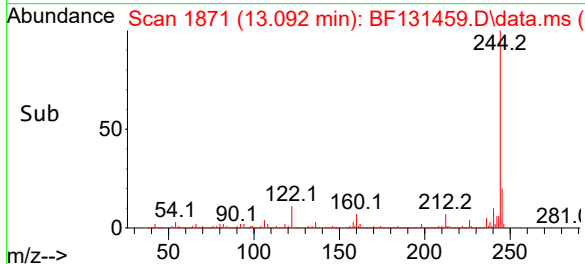
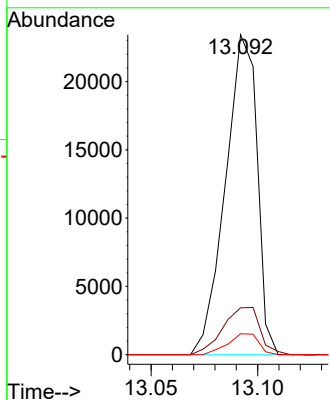
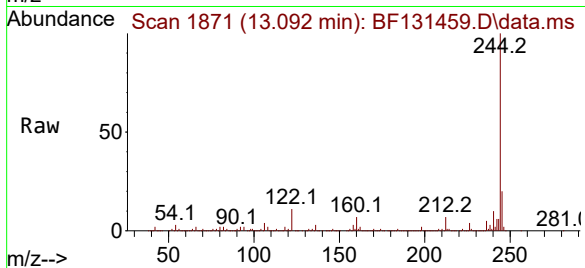
Tgt Ion:184 Resp: 24250

Ion Ratio Lower Upper

184 100

185 14.7 13.8 20.8

183 6.6 9.6 14.4#



#79

Terphenyl-d14

Concen: 78.745 ng

RT: 13.098 min Scan# 1872

Delta R.T. -0.006 min

Lab File: BF131459.D

Acq: 29 Nov 2022 16:32

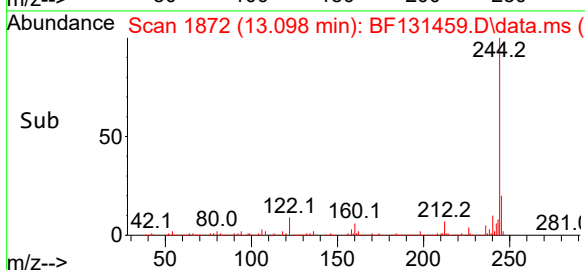
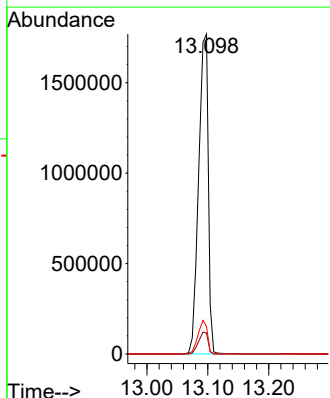
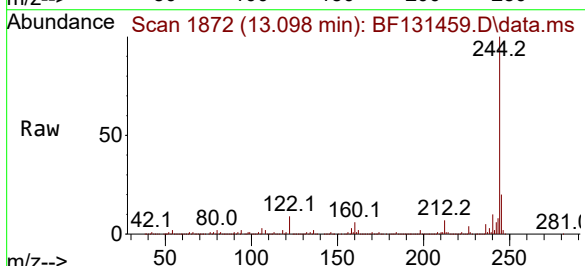
Tgt Ion:244 Resp: 1952714

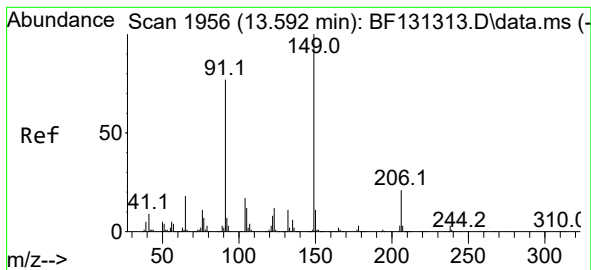
Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

122 8.5 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.158 ng

RT: 13.563 min Scan# 1951

Delta R.T. -0.018 min

Lab File: BF131459.D

Acq: 29 Nov 2022 16:32

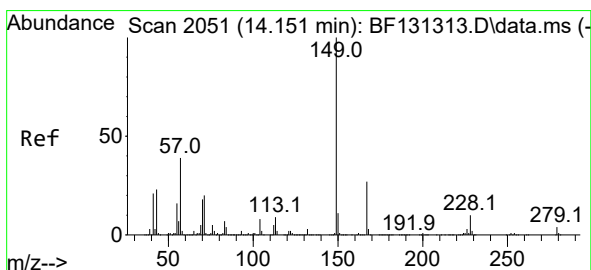
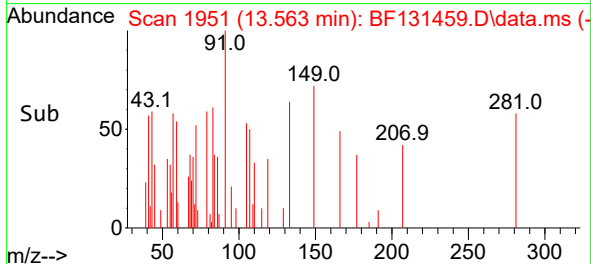
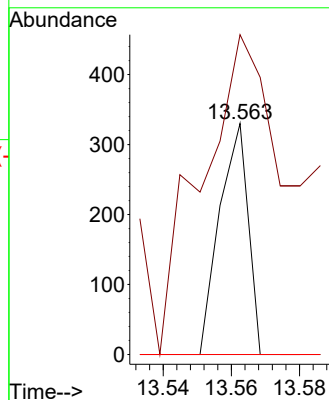
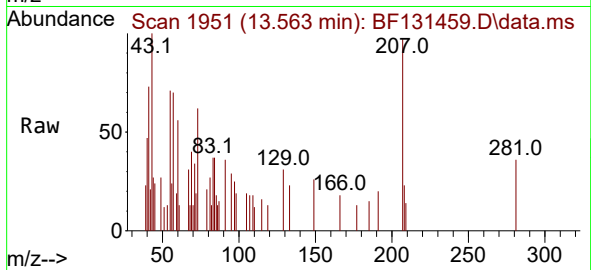
Instrument :

BNA_F

ClientSampleId :

TP-M

Tgt Ion:	149	Resp:	192
Ion	Ratio	Lower	Upper
149	100		
91	138.5	61.9	92.9#
206	0.0	16.5	24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.879 ng

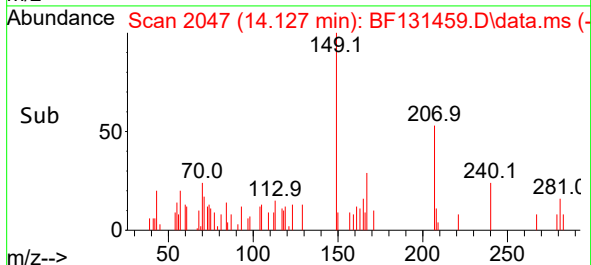
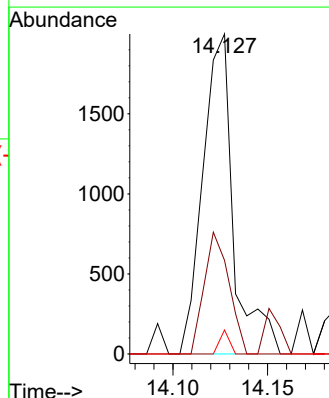
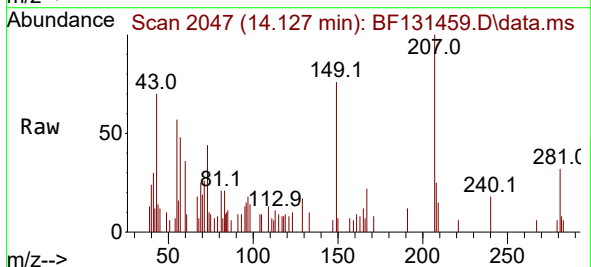
RT: 14.127 min Scan# 2047

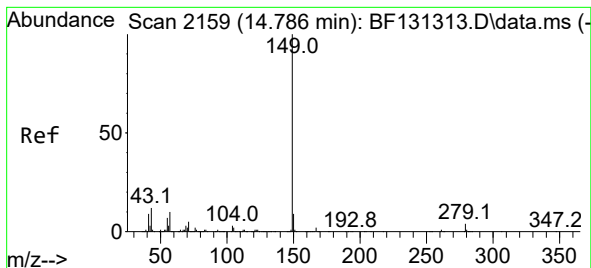
Delta R.T. -0.012 min

Lab File: BF131459.D

Acq: 29 Nov 2022 16:32

Tgt Ion:	149	Resp:	2248
Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.9	32.9
279	7.5	3.0	4.4#





#85

Di-n-octyl phthalate

Concen: 3.910 ng

RT: 14.745 min Scan# 2159

Delta R.T. -0.018 min

Lab File: BF131459.D

Acq: 29 Nov 2022 16:32

Instrument :

BNA_F

ClientSampleId :

TP-M

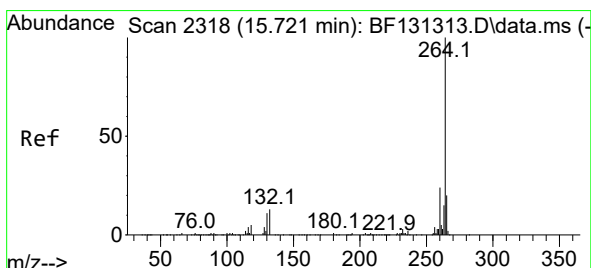
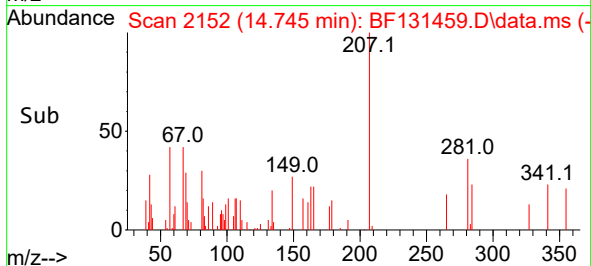
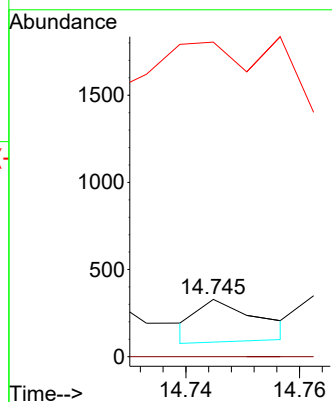
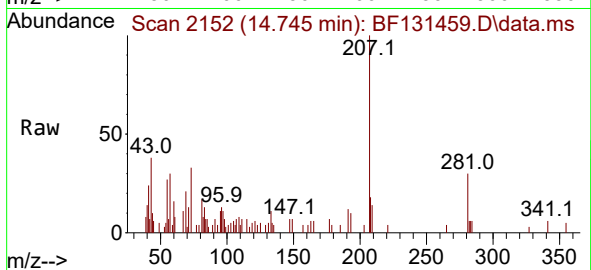
Tgt Ion:149 Resp: 181

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 327.1 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.686 min Scan# 2312

Delta R.T. -0.012 min

Lab File: BF131459.D

Acq: 29 Nov 2022 16:32

Tgt Ion:264 Resp: 297862

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.4

265 22.0 16.4 24.6

