

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
 Data File : BF131462.D
 Acq On : 29 Nov 2022 18:09
 Operator : CG\JU
 Sample : N5765-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Nov 30 01:07:59 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)

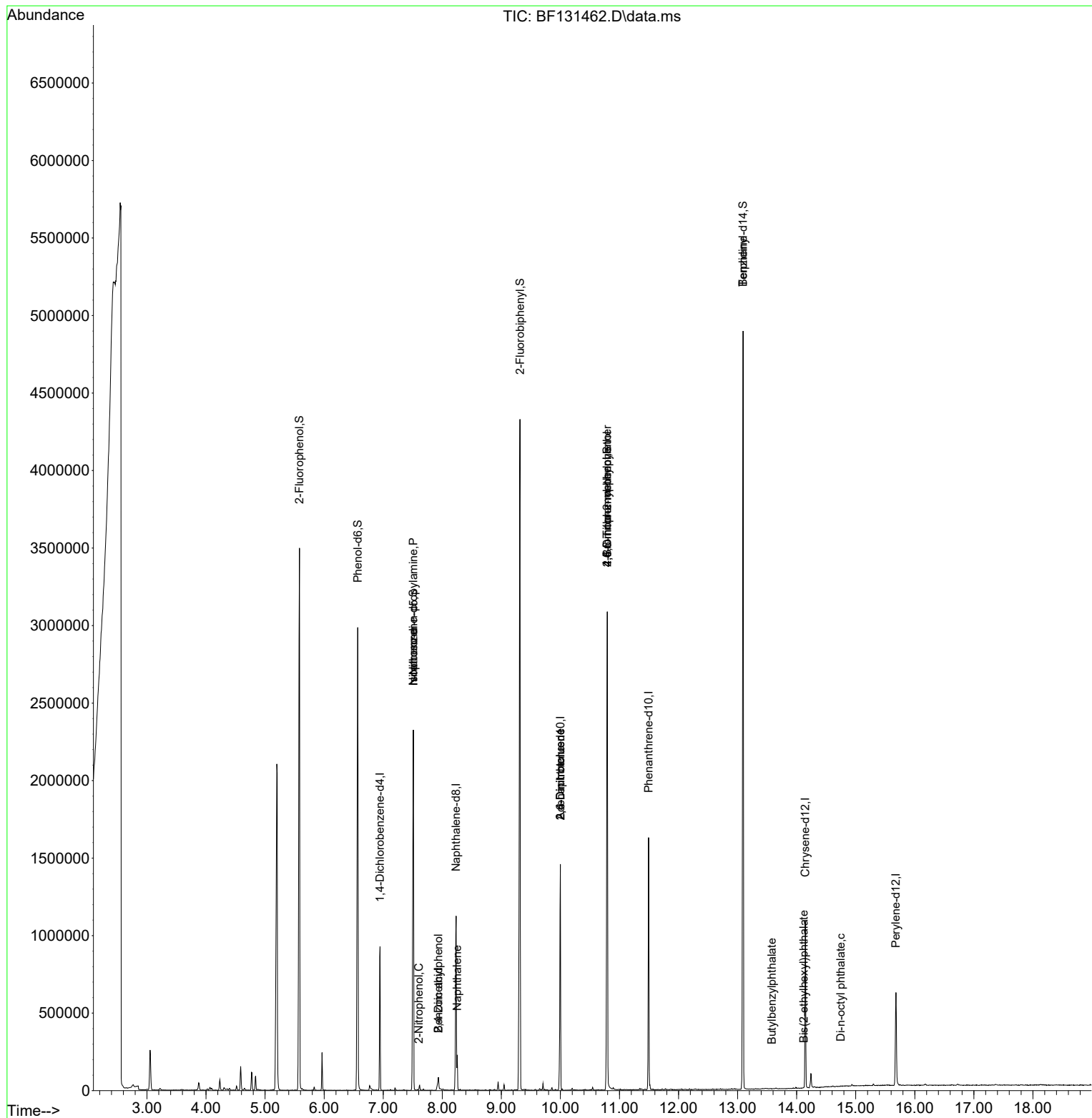
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	139123	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	539461	20.000	ng	#-0.01
39) Acenaphthene-d10	9.998	164	307001	20.000	ng	-0.01
64) Phenanthrene-d10	11.492	188	563292	20.000	ng	#-0.01
76) Chrysene-d12	14.145	240	388205	20.000	ng	#-0.02
86) Perylene-d12	15.680	264	290693	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	983987	134.610	ng	0.02
7) Phenol-d6	6.569	99	1180501	126.574	ng	0.00
23) Nitrobenzene-d5	7.510	82	864287	80.761	ng	-0.02
42) 2,4,6-Tribromophenol	10.792	330	413687	160.169	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	1595751	75.620	ng	-0.01
79) Terphenyl-d14	13.092	244	1874530	78.962	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.493	77	54	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.510	70	117766	17.249	ng	# 69
25) Isophorone	7.510	82	861355	45.114	ng	# 68
26) 2-Nitrophenol	7.604	139	56	3.601	ng	# 23
27) 2,4-Dimethylphenol	7.934	122	27663	3.737	ng	# 1
31) Naphthalene	8.251	128	92056	3.202	ng	# 98
32) Benzoic acid	7.934	122	27663	11.882	ng	# 93
51) 2,6-Dinitrotoluene	9.998	165	39167	9.156	ng	# 15
57) 2,4-Dinitrotoluene	9.998	165	39167	7.277	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.792	198	867	4.976	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	26140	3.786	ng	# 1
77) Benzidine	13.092	184	23942	3.339	ng	# 91
80) Butylbenzylphthalate	13.580	149	173	4.157	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.121	149	1153	3.818	ng	# 91
85) Di-n-octyl phthalate	14.745	149	687	3.938	ng	# 1

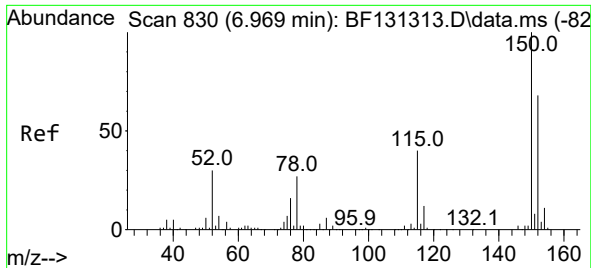
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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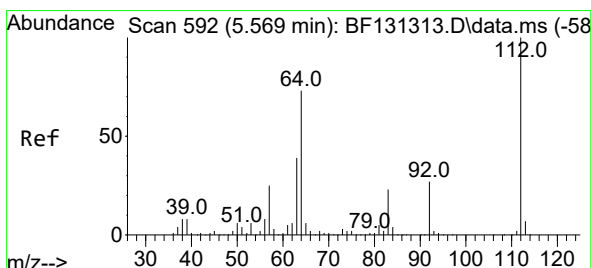
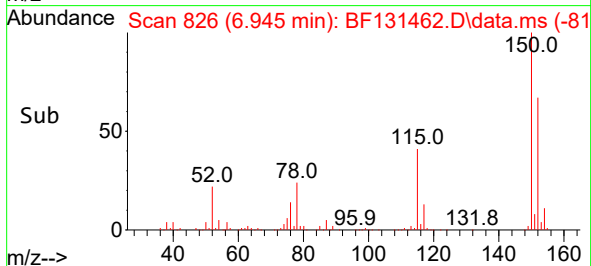
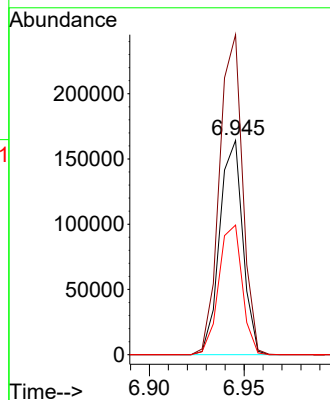
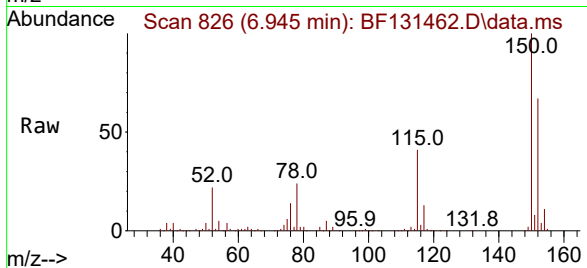




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

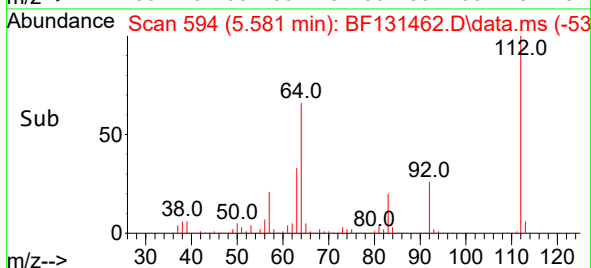
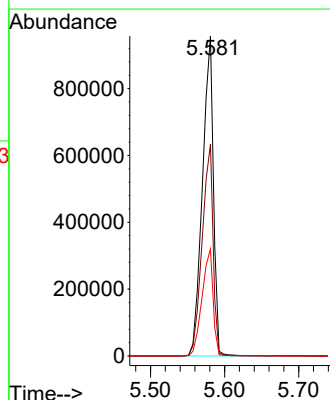
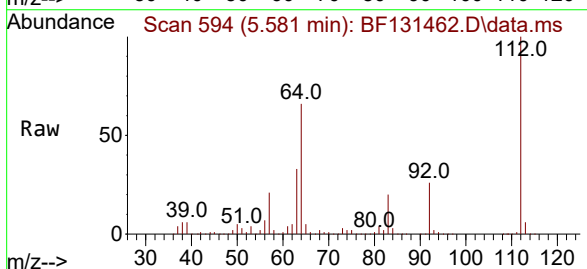
Instrument :
BNA_F
ClientSampleId :
TP-10

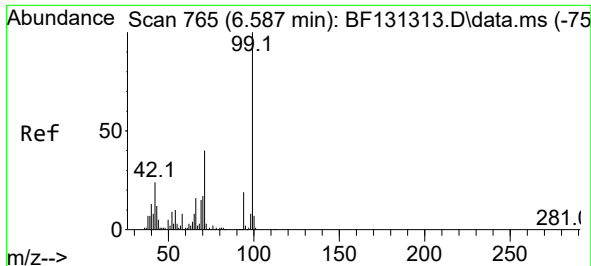
Tgt Ion:152 Resp: 139123
Ion Ratio Lower Upper
152 100
150 149.3 117.8 176.8
115 60.5 47.1 70.7



#5
2-Fluorophenol
Concen: 134.610 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.024 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion:112 Resp: 983987
Ion Ratio Lower Upper
112 100
64 66.1 58.6 88.0
63 33.4 31.4 47.0

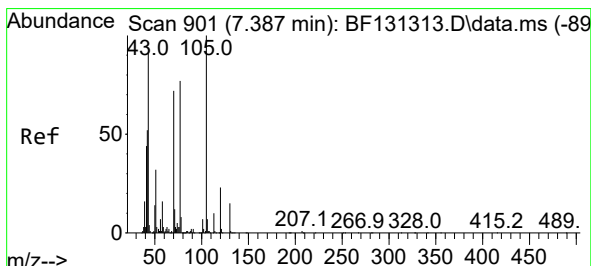
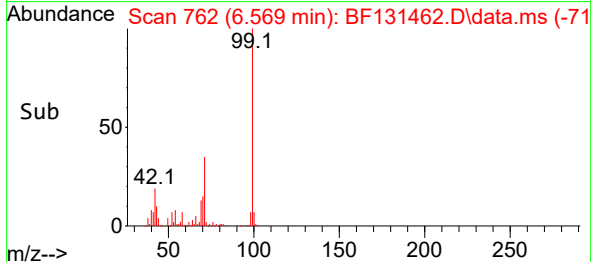
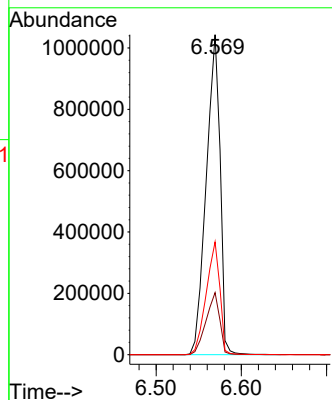
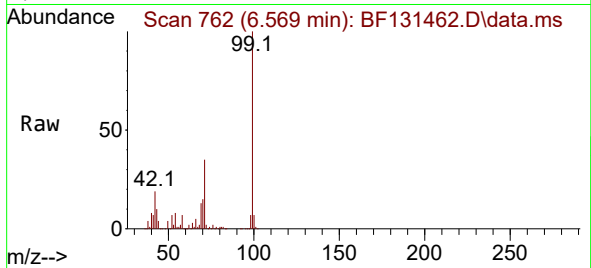




#7
Phenol-d6
Concen: 126.574 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

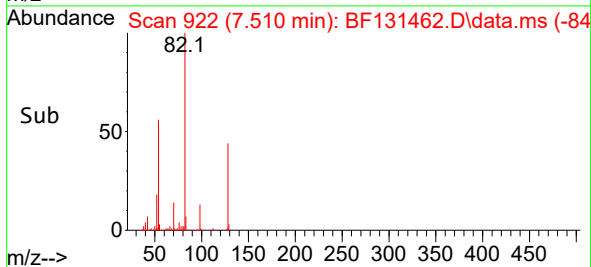
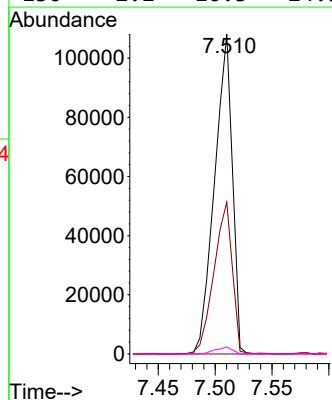
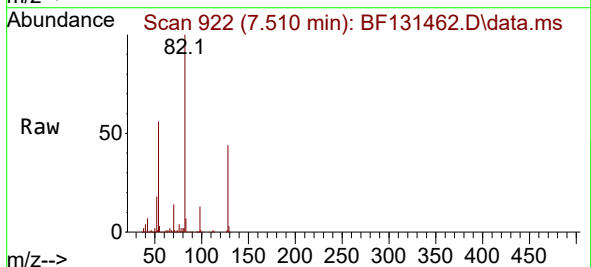
Instrument :
BNA_F
ClientSampleId :
TP-10

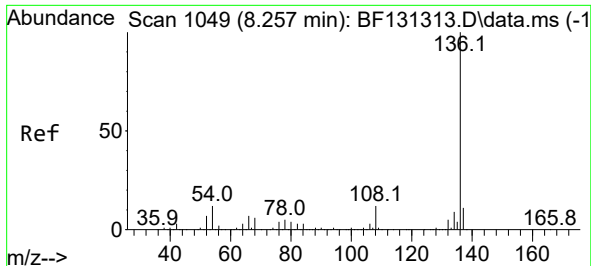
Tgt Ion: 99 Resp: 1180501
Ion Ratio Lower Upper
99 100
42 19.4 19.4 29.2#
71 35.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.249 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.141 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion: 70 Resp: 117766
Ion Ratio Lower Upper
70 100
42 47.5 57.6 86.4#
101 0.0 8.2 12.2#
130 2.2 16.3 24.5#

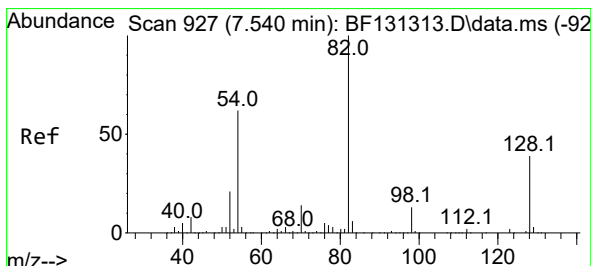
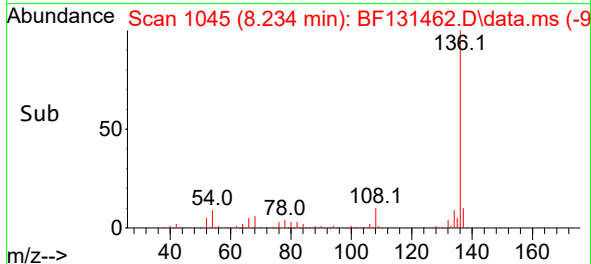
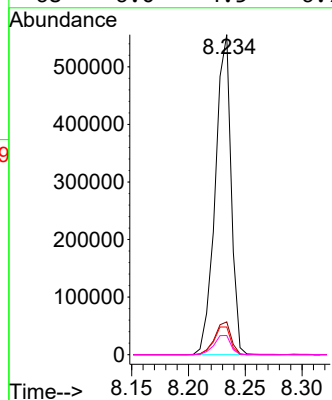
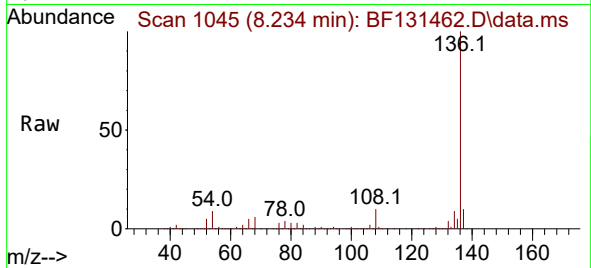




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

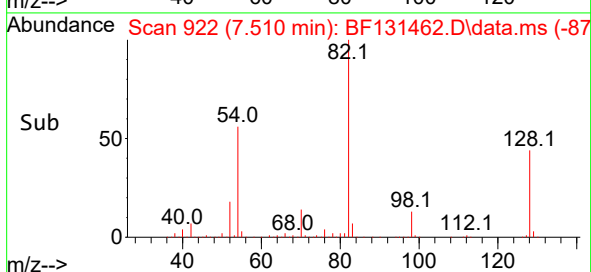
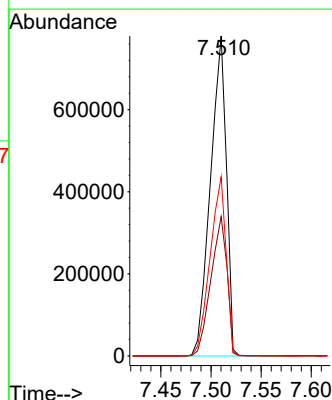
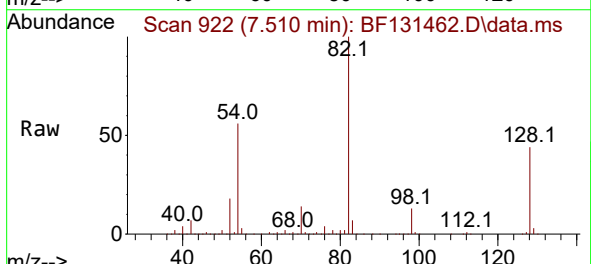
Instrument :
BNA_F
ClientSampleId :
TP-10

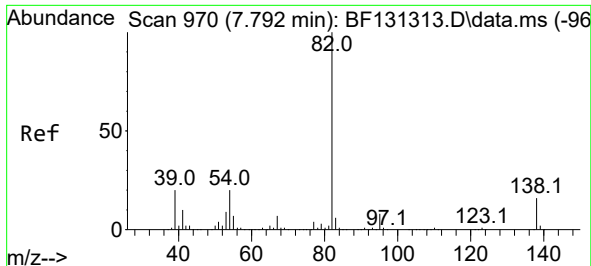
Tgt Ion:136 Resp: 539461
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.6
54 8.7 9.4 14.0#
68 6.0 4.5 6.7



#23
Nitrobenzene-d5
Concen: 80.761 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.018 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion: 82 Resp: 864287
Ion Ratio Lower Upper
82 100
128 43.6 31.4 47.0
54 56.0 49.8 74.6

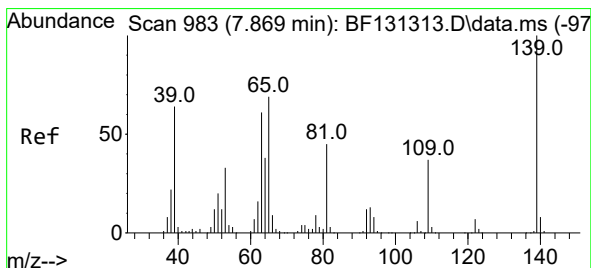
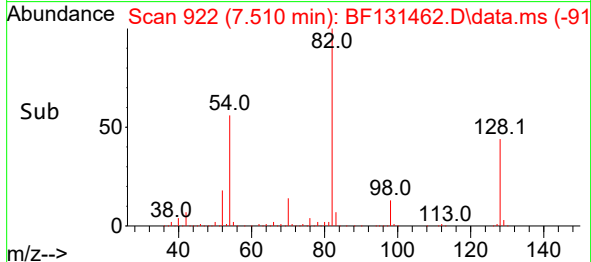
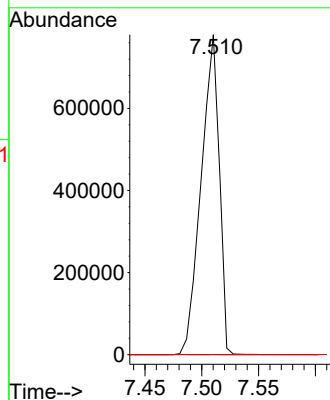
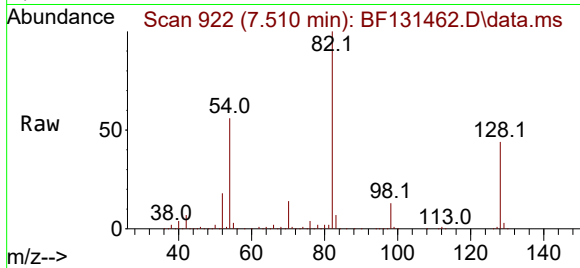




#25
Isophorone
Concen: 45.114 ng
RT: 7.510 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

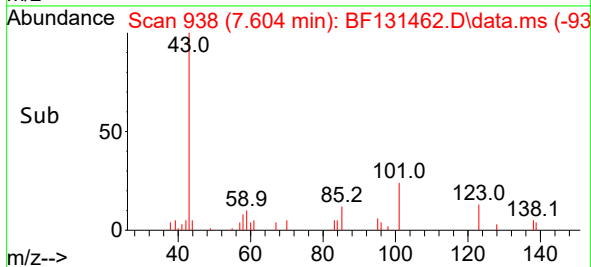
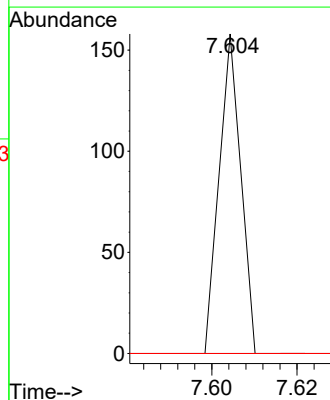
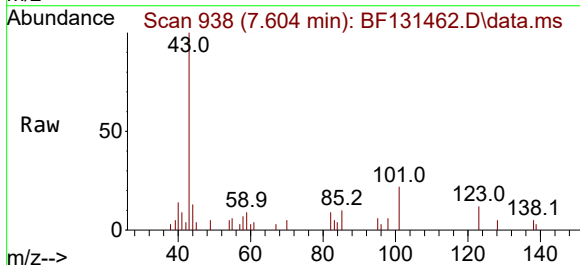
Instrument :
BNA_F
ClientSampleId :
TP-10

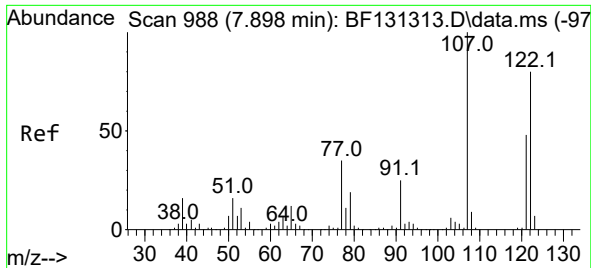
Tgt Ion: 82 Resp: 861355
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.601 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.253 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 55.7 83.5#





#27

2,4-Dimethylphenol

Concen: 3.737 ng

RT: 7.934 min Scan# 91

Delta R.T. 0.047 min

Lab File: BF131462.D

Acq: 29 Nov 2022 18:09

Instrument :

BNA_F

ClientSampleId :

TP-10

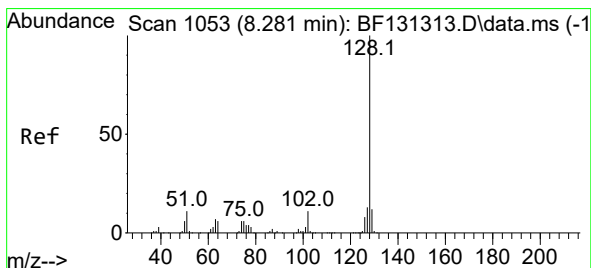
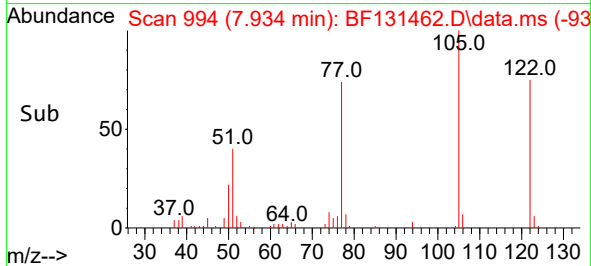
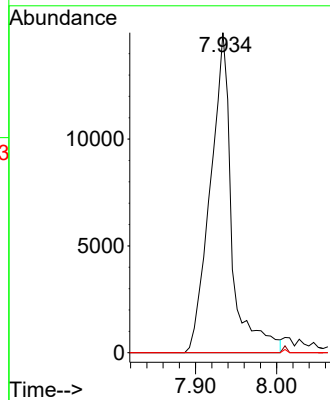
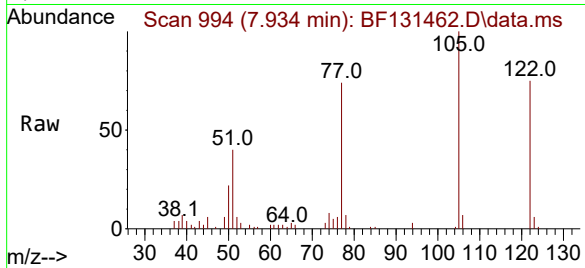
Tgt Ion:122 Resp: 27663

Ion Ratio Lower Upper

122 100

107 0.0 99.9 149.9#

121 0.0 47.4 71.2#



#31

Naphthalene

Concen: 3.202 ng

RT: 8.251 min Scan# 1048

Delta R.T. -0.018 min

Lab File: BF131462.D

Acq: 29 Nov 2022 18:09

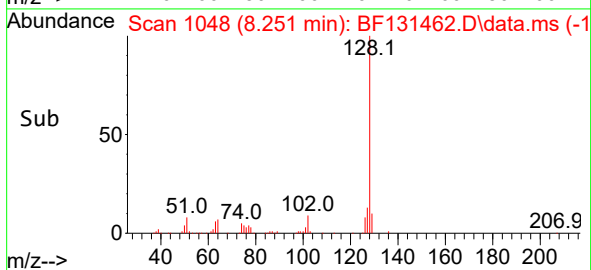
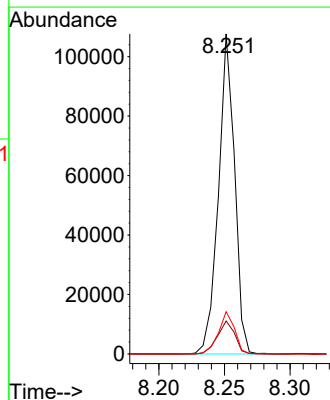
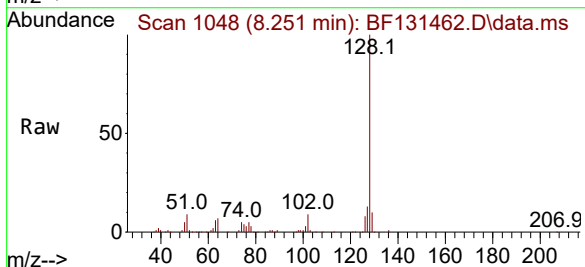
Tgt Ion:128 Resp: 92056

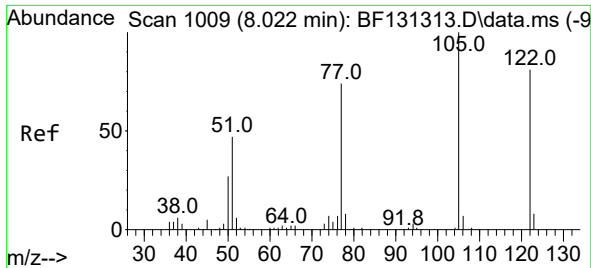
Ion Ratio Lower Upper

128 100

129 10.3 9.2 13.8

127 13.2 10.6 16.0

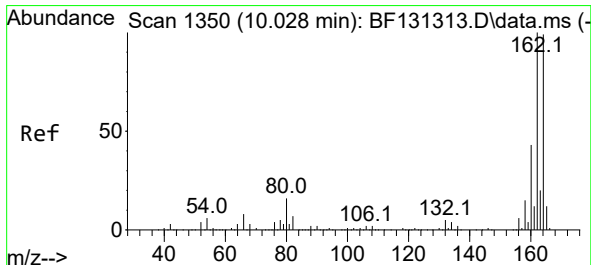
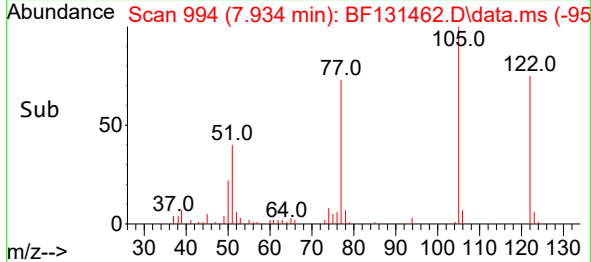
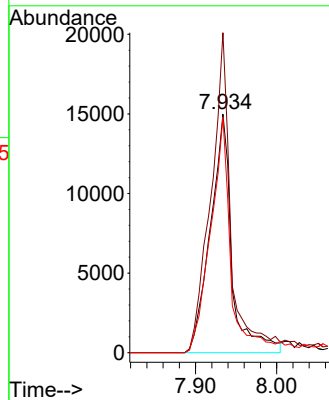
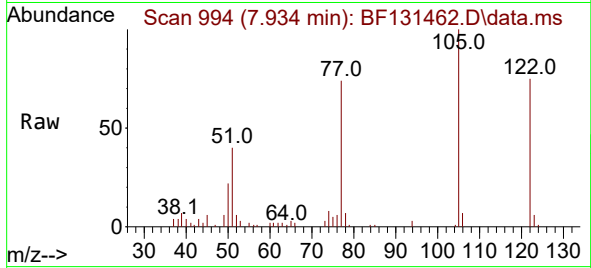




#32
Benzoic acid
Concen: 11.882 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.071 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

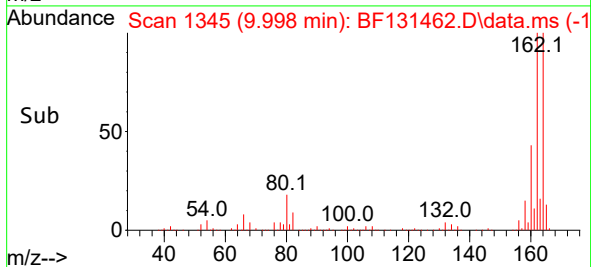
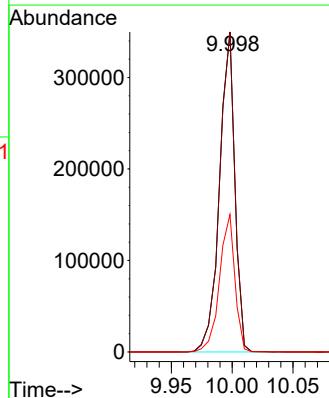
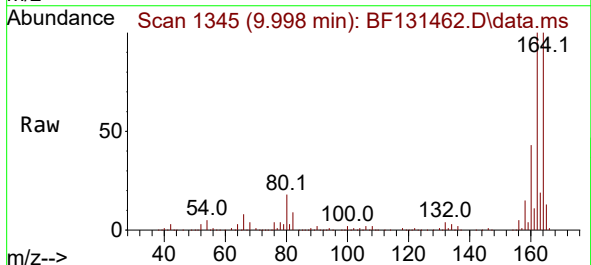
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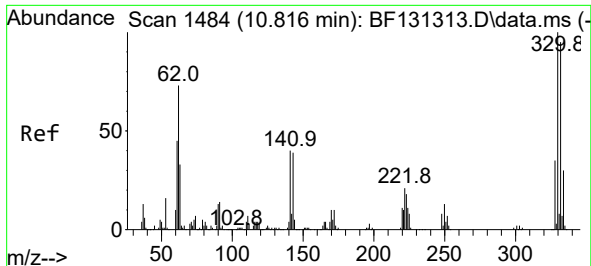
Tgt Ion:122 Resp: 27663
Ion Ratio Lower Upper
122 100
105 134.2 103.8 143.8
77 98.7 74.3 114.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion:164 Resp: 307001
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 43.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 160.169 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.012 min

Lab File: BF131462.D

Acq: 29 Nov 2022 18:09

Instrument :

BNA_F

ClientSampleId :

TP-10

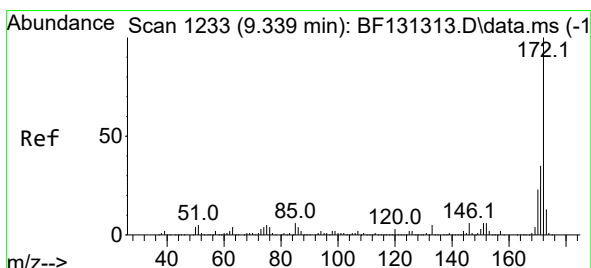
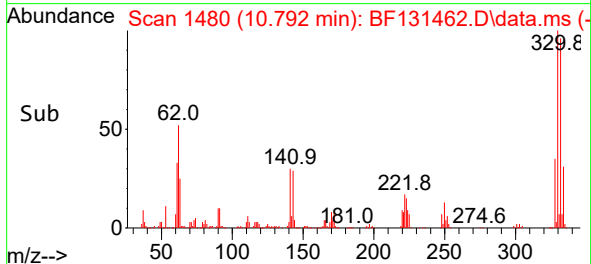
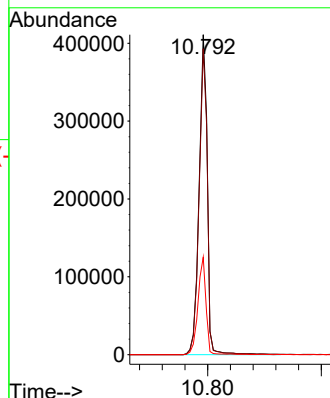
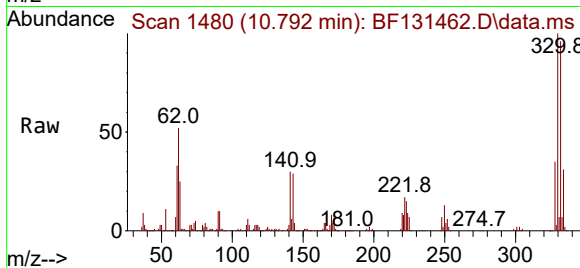
Tgt Ion:330 Resp: 413687

Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 30.2 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 75.620 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF131462.D

Acq: 29 Nov 2022 18:09

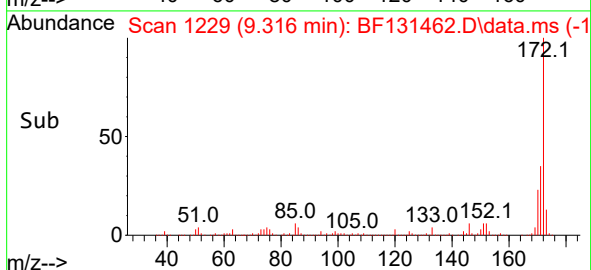
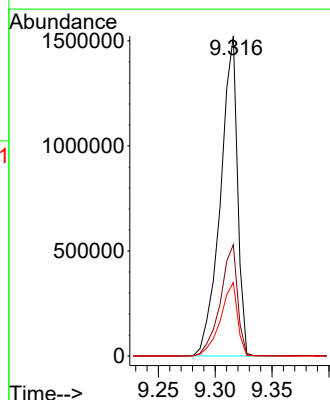
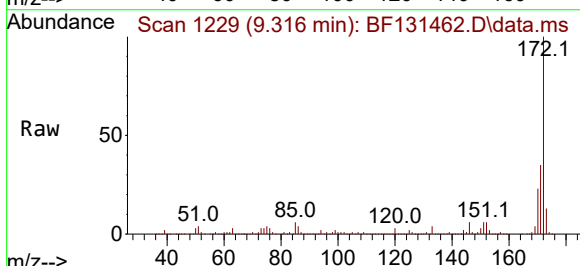
Tgt Ion:172 Resp: 1595751

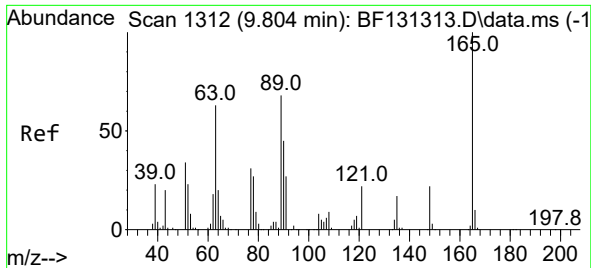
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 22.9 18.7 28.1

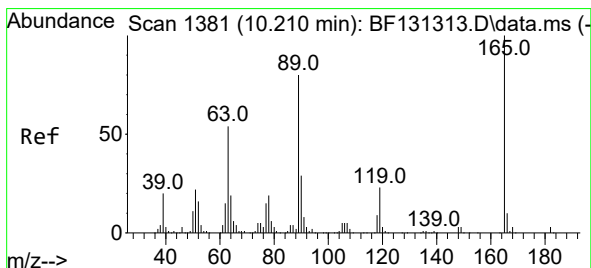
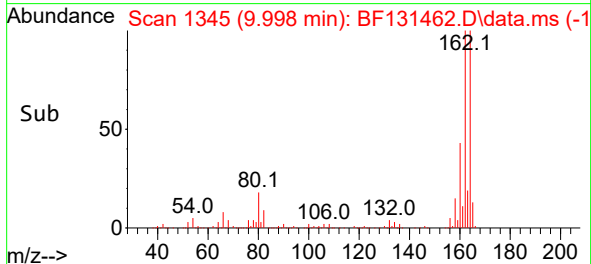
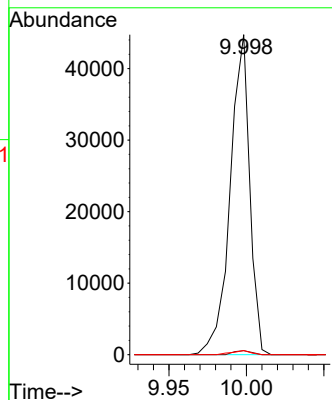
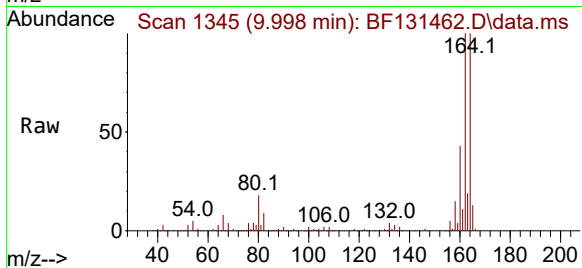




#51
2,6-Dinitrotoluene
Concen: 9.156 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.206 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

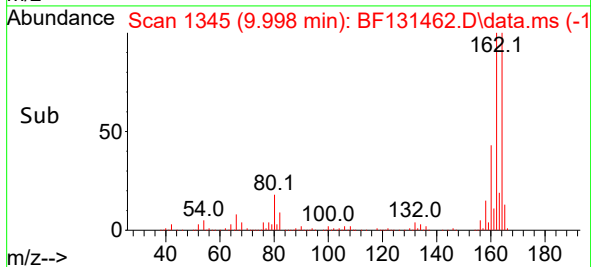
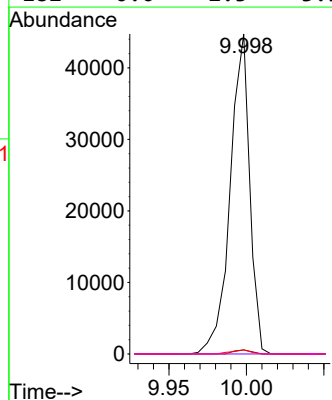
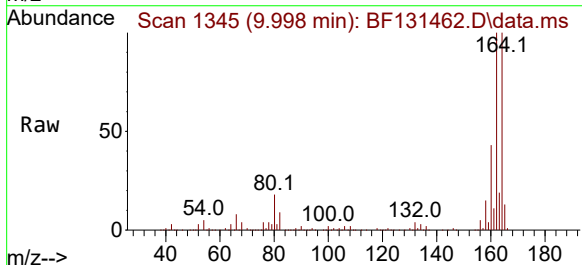
Instrument :
BNA_F
ClientSampleId :
TP-10

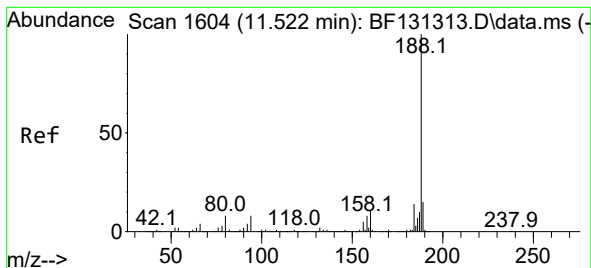
Tgt Ion:165 Resp: 39167
Ion Ratio Lower Upper
165 100
63 1.2 62.0 93.0#
89 1.3 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.277 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.200 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion:165 Resp: 39167
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.2#
89 1.3 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131462.D

Acq: 29 Nov 2022 18:09

Instrument :

BNA_F

ClientSampleId :

TP-10

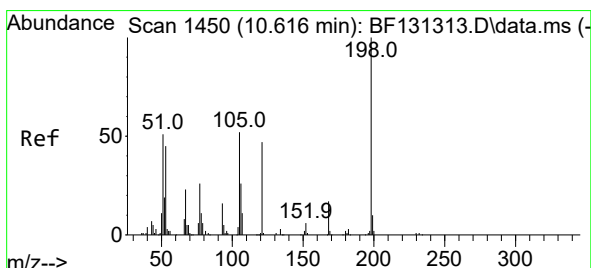
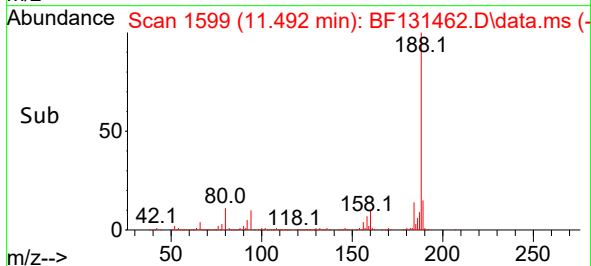
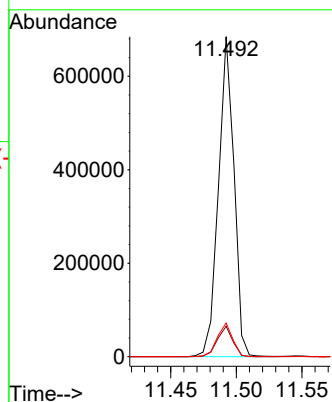
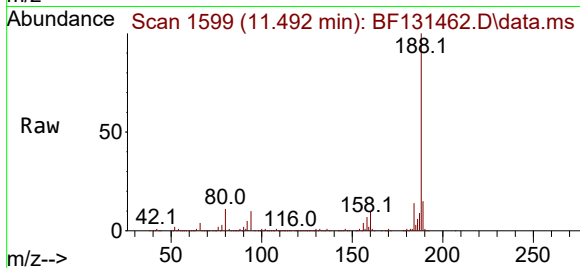
Tgt Ion:188 Resp: 563292

Ion Ratio Lower Upper

188 100

94 9.5 6.3 9.5#

80 10.5 6.8 10.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 4.976 ng

RT: 10.792 min Scan# 1480

Delta R.T. 0.188 min

Lab File: BF131462.D

Acq: 29 Nov 2022 18:09

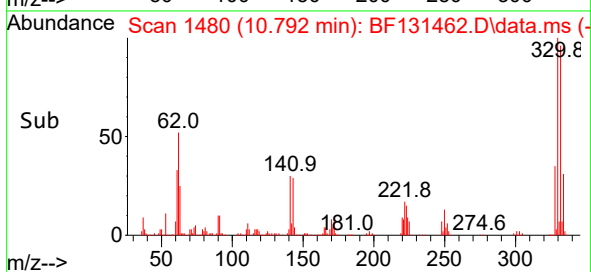
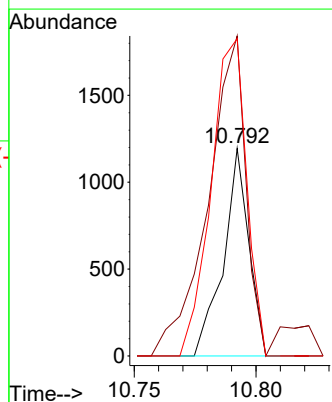
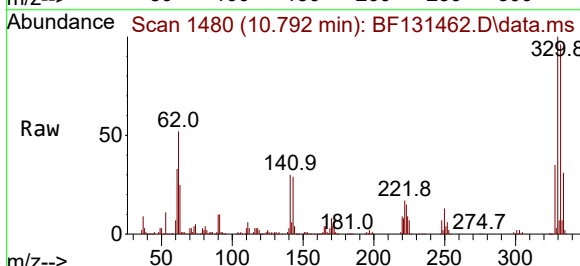
Tgt Ion:198 Resp: 867

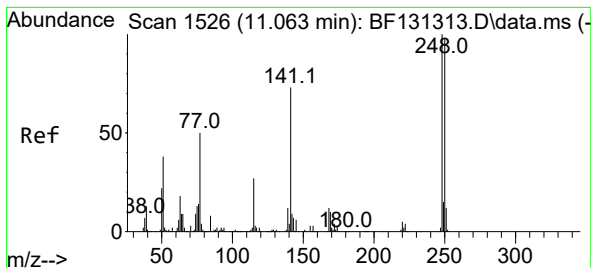
Ion Ratio Lower Upper

198 100

51 154.1 50.1 90.1#

105 152.8 32.5 72.5#

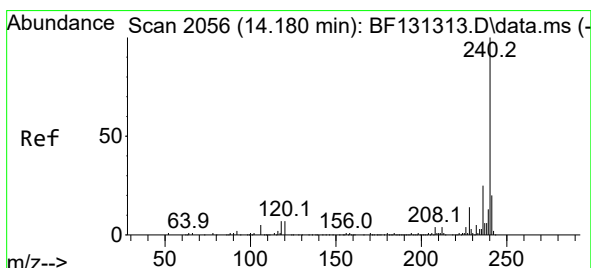
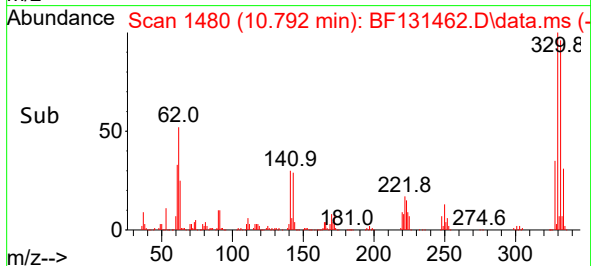
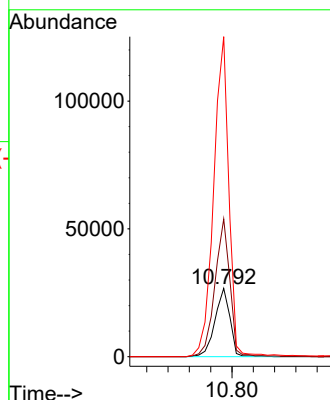
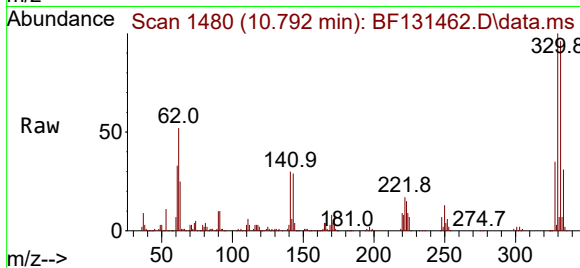




#67
4-Bromophenyl-phenylether
Concen: 3.786 ng
RT: 10.792 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

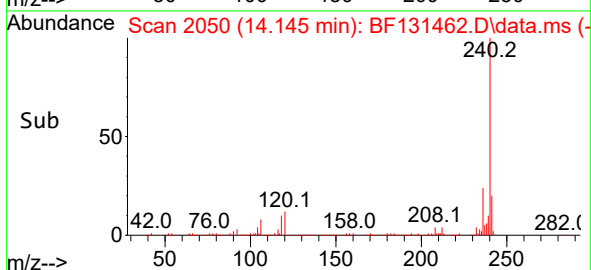
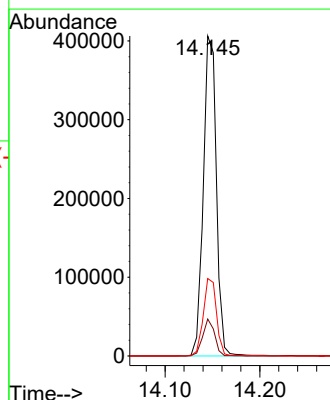
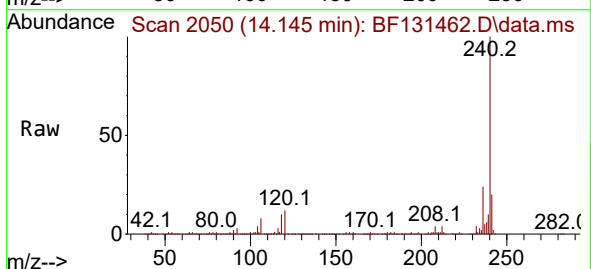
Instrument :
BNA_F
ClientSampleId :
TP-10

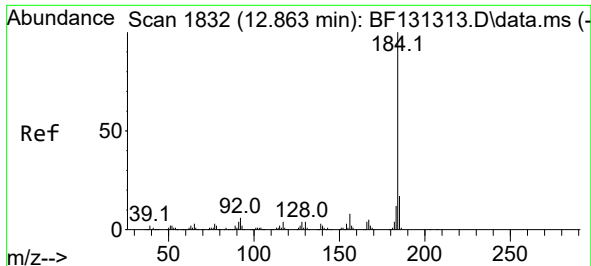
Tgt Ion:248 Resp: 26140
Ion Ratio Lower Upper
248 100
250 201.6 78.3 117.5#
141 468.5 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.024 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion:240 Resp: 388205
Ion Ratio Lower Upper
240 100
120 11.5 5.8 8.8#
236 24.2 20.3 30.5

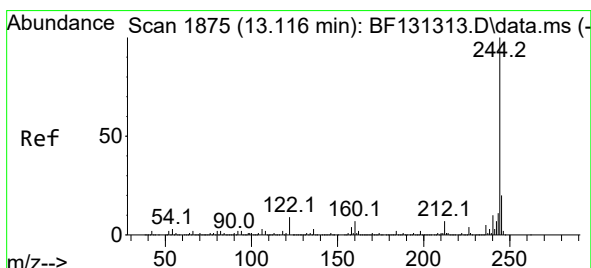
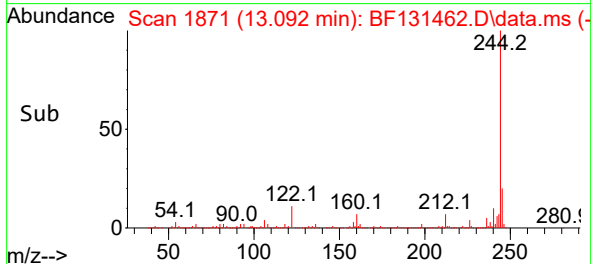
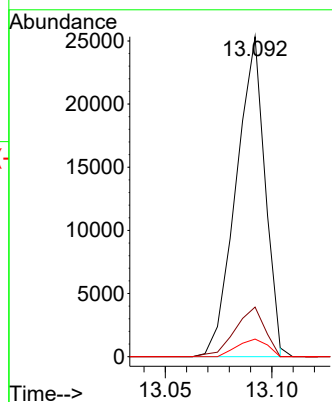
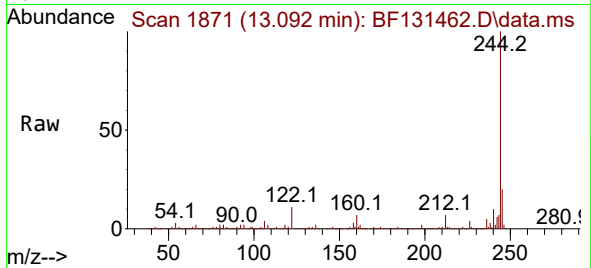




#77
Benzidine
Concen: 3.339 ng
RT: 13.092 min Scan# 1871
Delta R.T. 0.241 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

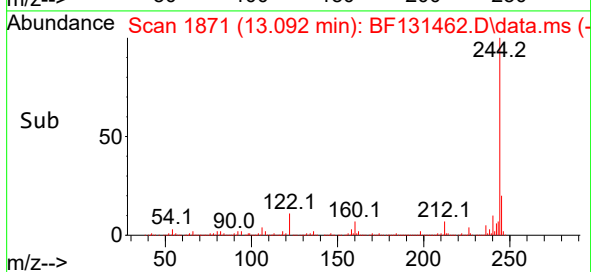
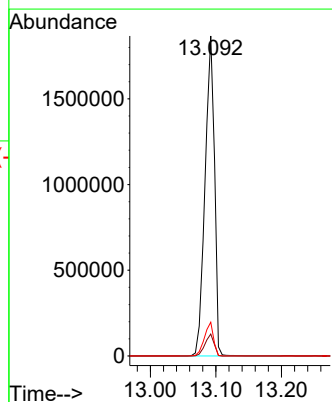
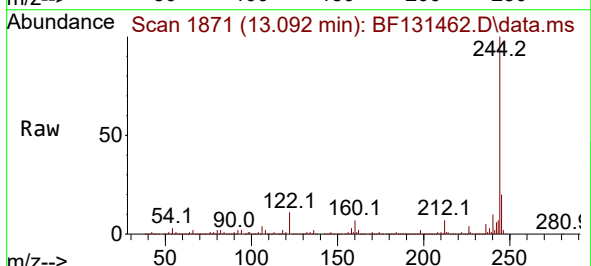
Instrument :
BNA_F
ClientSampleId :
TP-10

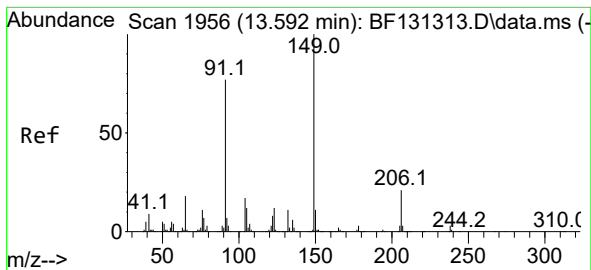
Tgt Ion:184 Resp: 23942
Ion Ratio Lower Upper
184 100
185 15.5 13.8 20.8
183 5.5 9.6 14.4#



#79
Terphenyl-d14
Concen: 78.962 ng
RT: 13.092 min Scan# 1871
Delta R.T. -0.012 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion:244 Resp: 1874530
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.6 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.157 ng

RT: 13.580 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BF131462.D

Acq: 29 Nov 2022 18:09

Instrument :

BNA_F

ClientSampleId :

TP-10

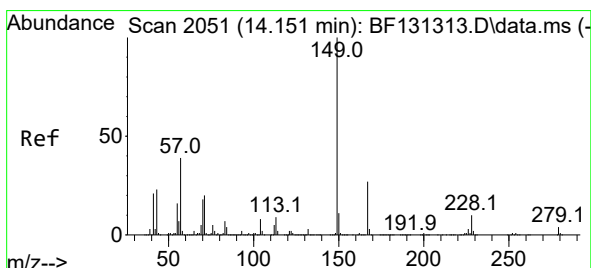
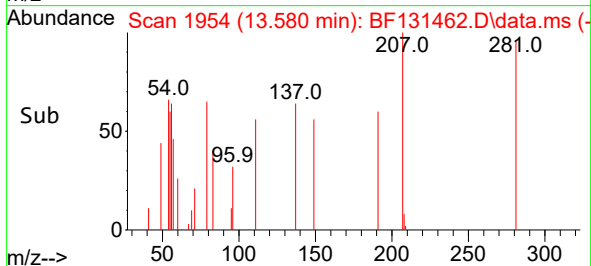
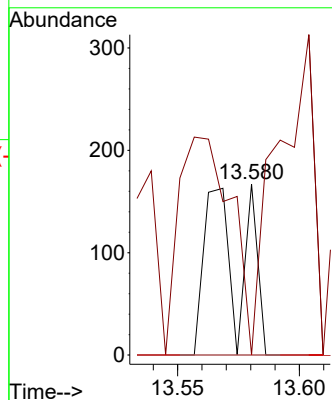
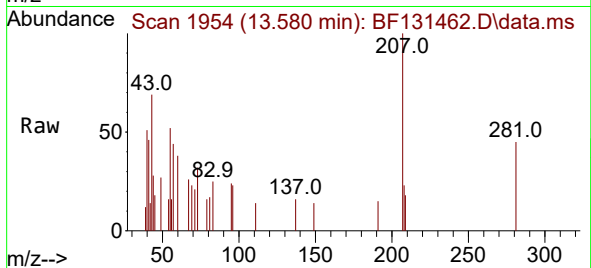
Tgt Ion:149 Resp: 173

Ion Ratio Lower Upper

149 100

91 0.0 61.9 92.9#

206 0.0 16.5 24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.818 ng

RT: 14.121 min Scan# 2046

Delta R.T. -0.018 min

Lab File: BF131462.D

Acq: 29 Nov 2022 18:09

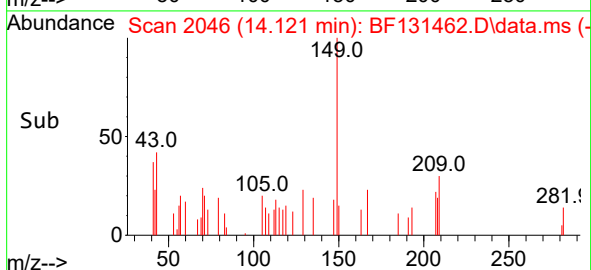
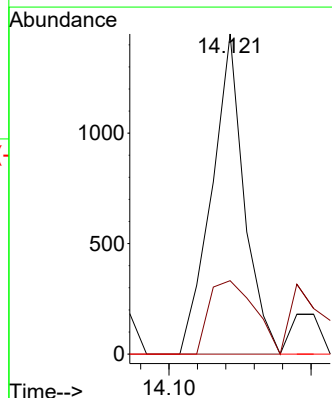
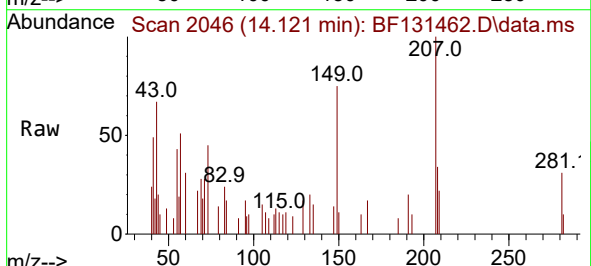
Tgt Ion:149 Resp: 1153

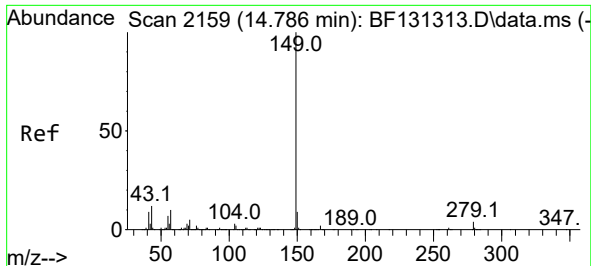
Ion Ratio Lower Upper

149 100

167 22.9 21.9 32.9

279 0.0 3.0 4.4#

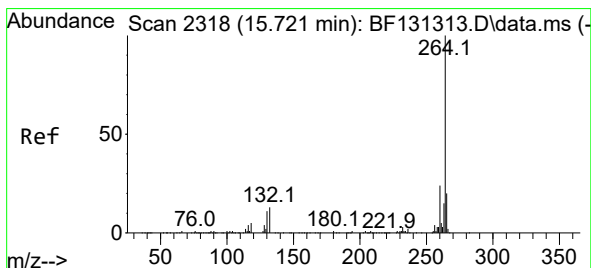
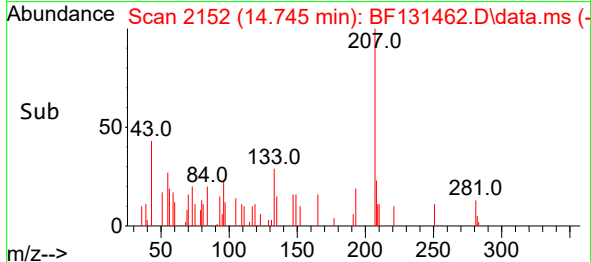
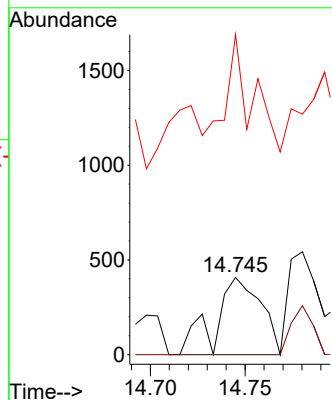
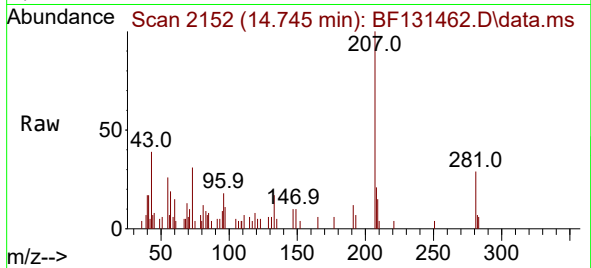




#85
Di-n-octyl phthalate
Concen: 3.938 ng
RT: 14.745 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:149 Resp: 687
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 96.5 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 2311
Delta R.T. -0.018 min
Lab File: BF131462.D
Acq: 29 Nov 2022 18:09

Tgt Ion:264 Resp: 290693
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.6 16.4 24.6

