

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
 Data File : BF135966.D
 Acq On : 26 Oct 2023 16:37
 Operator : CG\JU
 Sample : 05039-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMFB-3

Quant Time: Oct 26 17:07:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	170822	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	648867	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	287487	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	417694	20.000	ng	0.00
76) Chrysene-d12	14.010	240	335212	20.000	ng	0.00
86) Perylene-d12	15.498	264	277539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	885843	80.077	ng	0.00
7) Phenol-d6	6.451	99	1081387	78.519	ng	0.00
23) Nitrobenzene-d5	7.386	82	623686	64.711	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	183608	72.966	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1136996	63.329	ng	0.00
79) Terphenyl-d14	12.951	244	976676	48.680	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	83147	10.617	ng	# 77
24) Nitrobenzene	7.428	77	373	2.615	ng	# 65
25) Isophorone	7.386	82	621798	30.317	ng	# 64
26) 2-Nitrophenol	7.716	139	63	3.108	ng	# 1
31) Naphthalene	8.122	128	210854	6.721	ng	98
32) Benzoic acid	7.875	122	381	5.848	ng	# 1
37) 2-Methylnaphthalene	8.816	142	132859	6.401	ng	99
38) 1-Methylnaphthalene	8.916	142	133573	6.887	ng	98
48) 2-Nitroaniline	9.375	65	729	4.385	ng	# 48
49) Acenaphthylene	9.722	152	91895	3.615	ng	98
51) 2,6-Dinitrotoluene	9.557	165	1690	5.255	ng	# 64
52) Acenaphthene	9.892	154	73402	4.506	ng	99
53) 3-Nitroaniline	9.810	138	385	4.637	ng	# 48
56) 4-Nitrophenol	9.969	139	2320	6.753	ng	# 57
57) 2,4-Dinitrotoluene	10.104	165	1871	6.172	ng	# 52
58) Fluorene	10.410	166	122066	6.933	ng	98
62) 4-Nitroaniline	10.580	138	317	4.712	ng	81
65) 4,6-Dinitro-2-methylph...	10.475	198	128	7.036	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	11556	2.701	ng	# 1
70) Pentachlorophenol	10.992	266	134	4.268	ng	# 19
71) Phenanthrene	11.380	178	925558	43.798	ng	100
72) Anthracene	11.427	178	257309	11.892	ng	99
75) Fluoranthene	12.569	202	593595	26.700	ng	98
78) Pyrene	12.804	202	896613	31.856	ng	99
80) Butylbenzylphthalate	13.433	149	1958	3.996	ng	# 54
81) Benzo(a)anthracene	14.033	228	373153	16.372	ng	96
83) Chrysene	14.033	228	373153	16.809	ng	97
84) Bis(2-ethylhexyl)phtha...	14.004	149	34983	3.023	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.998	276	100989	6.417	ng	98
88) Benzo(b)fluoranthene	15.062	252	369298	22.359	ng	# 94
89) Benzo(k)fluoranthene	15.062	252	369298	22.766	ng	# 94
90) Benzo(a)pyrene	15.433	252	240057	15.770	ng	97
91) Dibenzo(a,h)anthracene	17.015	278	28812	2.140	ng	# 82
92) Benzo(g,h,i)perylene	17.456	276	110234	10.396	ng	98

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QLast Update : Thu Oct 26 03:58:01 2023
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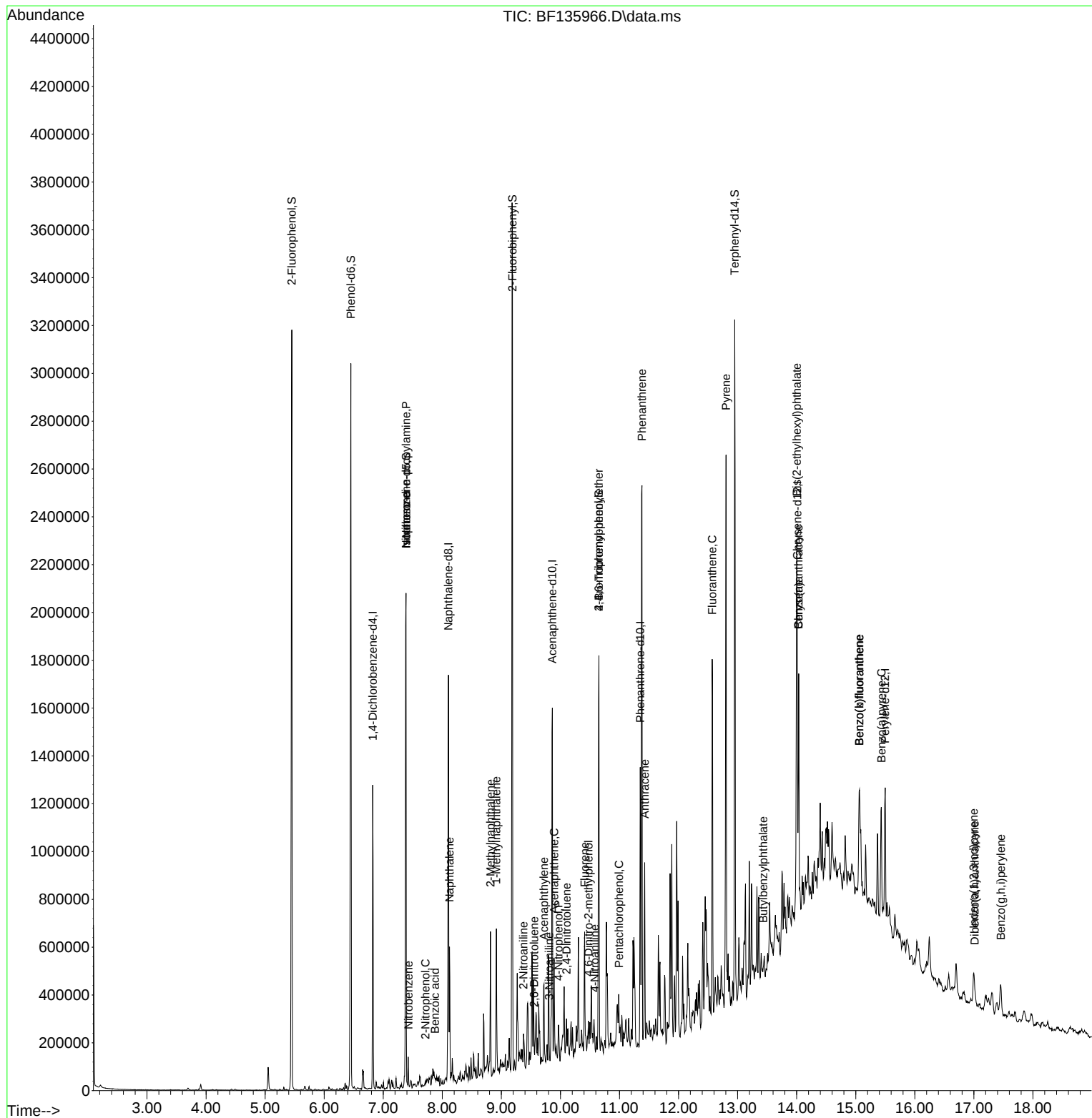
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

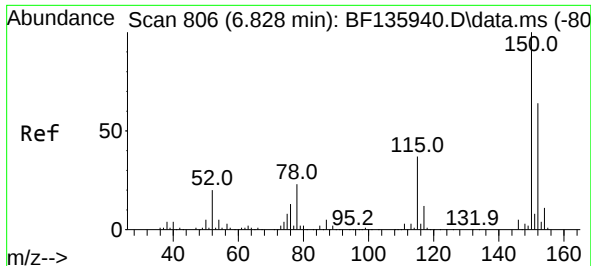
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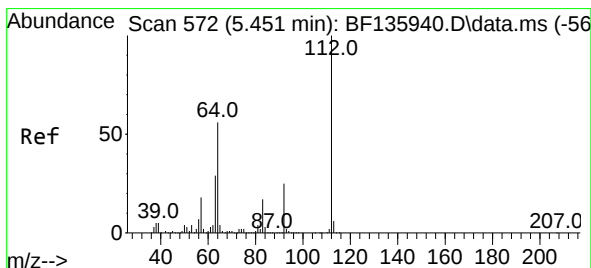
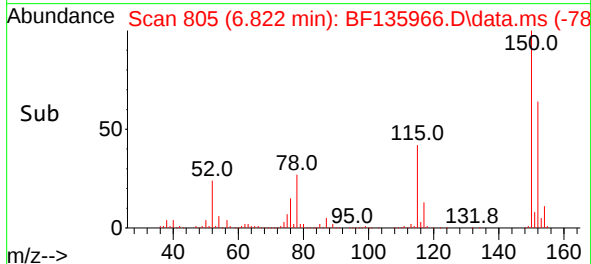
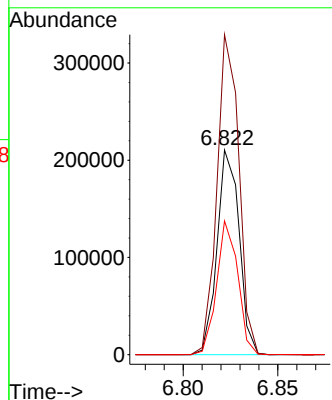
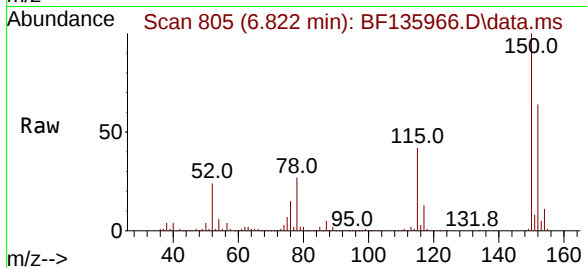




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

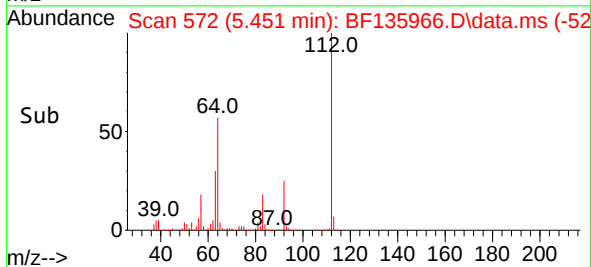
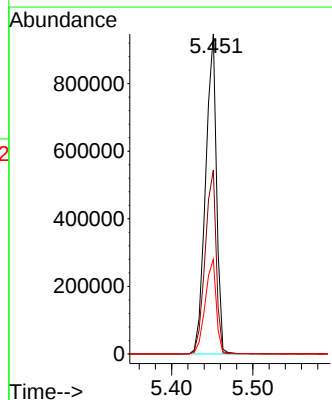
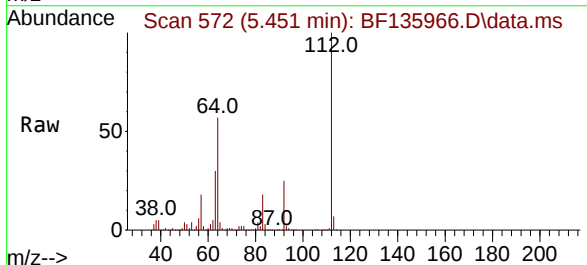
Instrument :
BNA_F
ClientSampleId :
MMFB-3

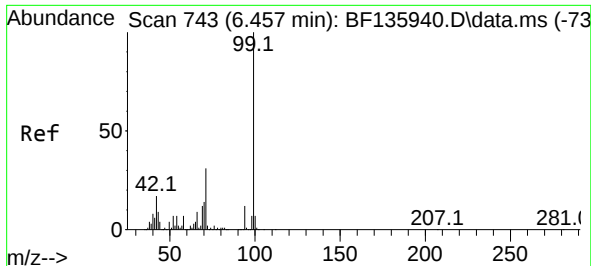
Tgt Ion:152 Resp: 170822
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 65.3 46.6 69.8



#5
2-Fluorophenol
Concen: 80.077 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Tgt Ion:112 Resp: 885843
Ion Ratio Lower Upper
112 100
64 57.4 45.1 67.7
63 29.6 23.0 34.4

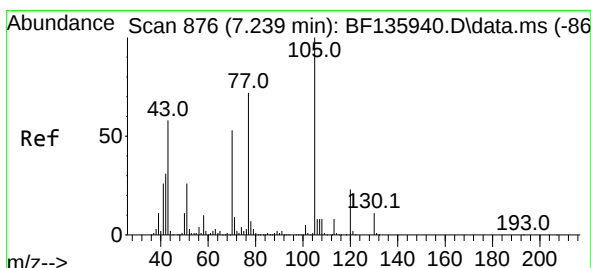
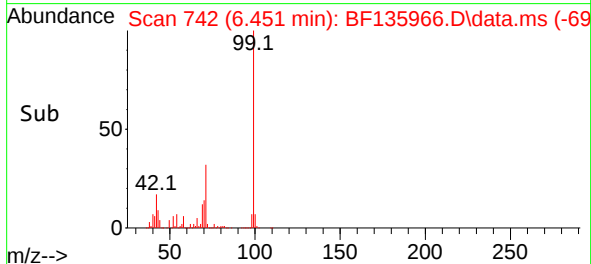
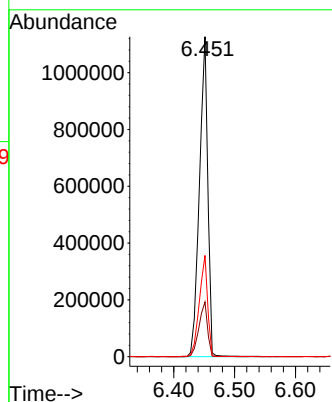
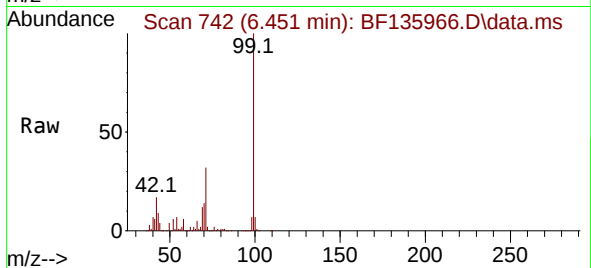




#7
Phenol-d6
Concen: 78.519 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

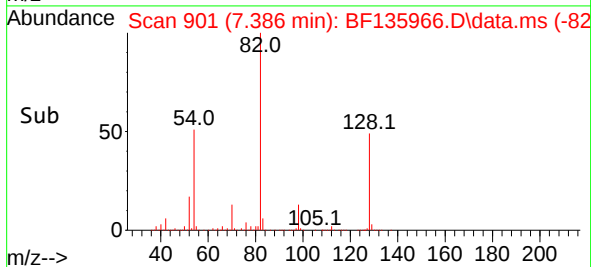
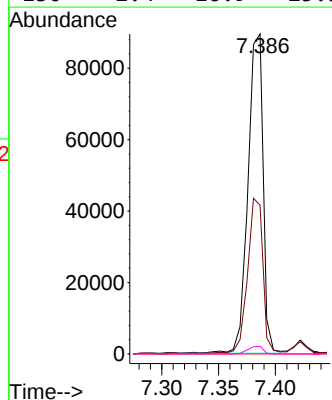
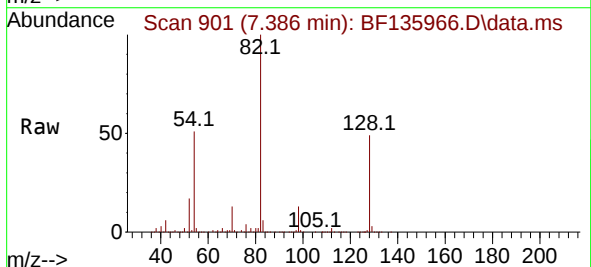
Instrument :
BNA_F
ClientSampleId :
MMFB-3

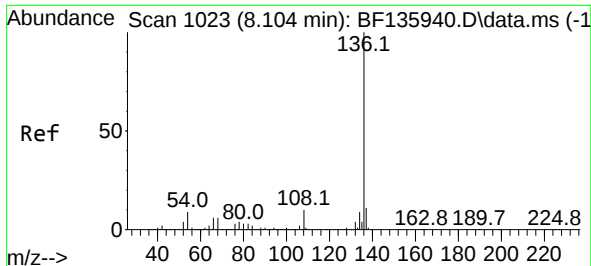
Tgt Ion: 99 Resp: 1081387
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.8
71 31.7 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.617 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Tgt Ion: 70 Resp: 83147
Ion Ratio Lower Upper
70 100
42 46.5 47.3 70.9#
101 0.0 7.8 11.8#
130 2.4 16.9 25.3#



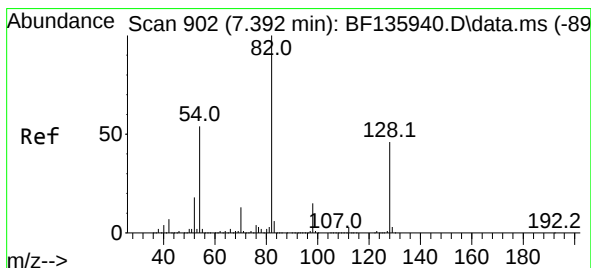
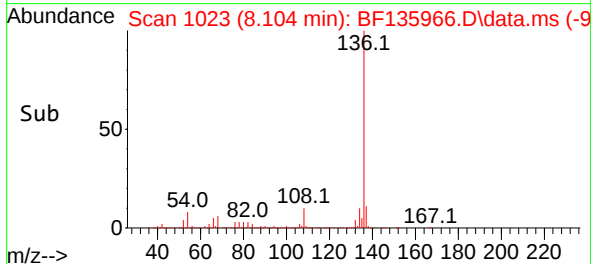
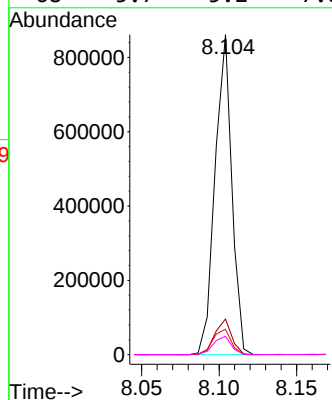
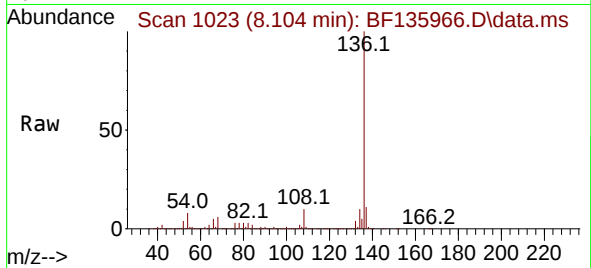


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Instrument :
BNA_F
ClientSampleId :
MMFB-3

Tgt Ion:136 Resp: 648867

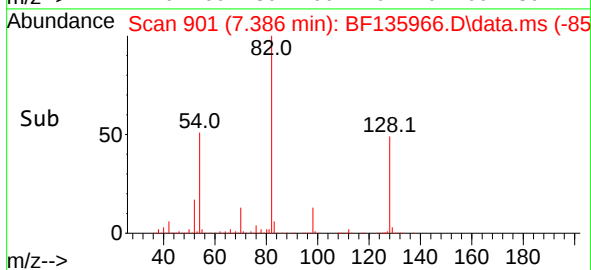
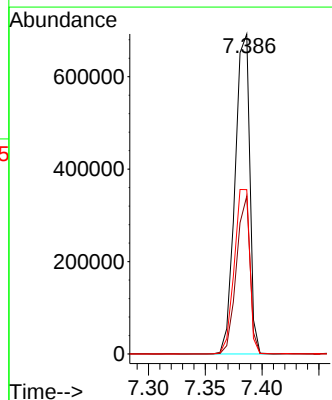
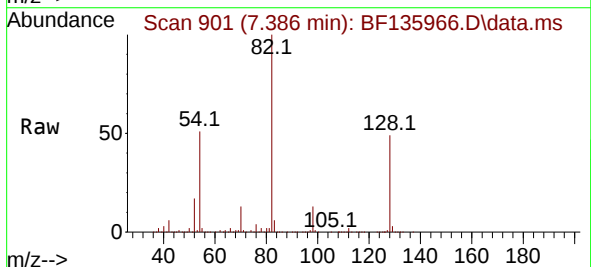
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.0	7.1	10.7
68	5.7	5.2	7.8

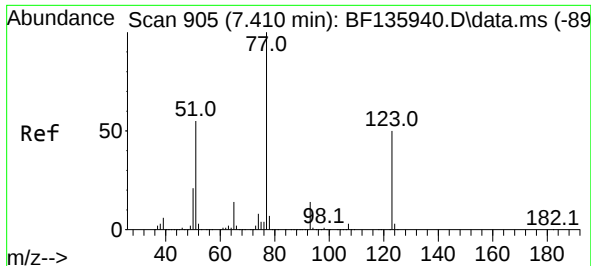


#23
Nitrobenzene-d5
Concen: 64.711 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Tgt Ion: 82 Resp: 623686

Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.8	55.2
54	51.3	43.4	65.0

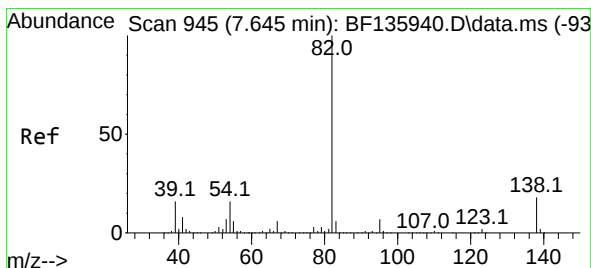
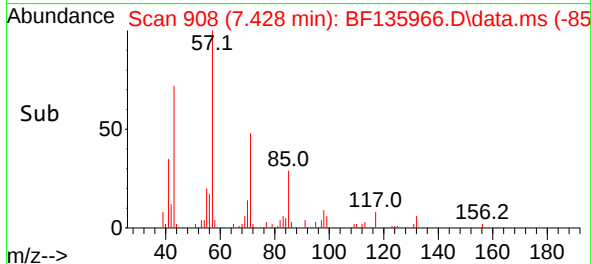
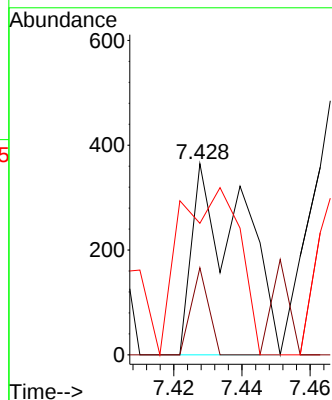
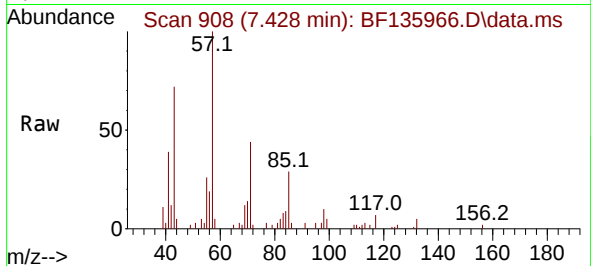




#24
Nitrobenzene
Concen: 2.615 ng
RT: 7.428 min Scan# 901
Delta R.T. 0.018 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

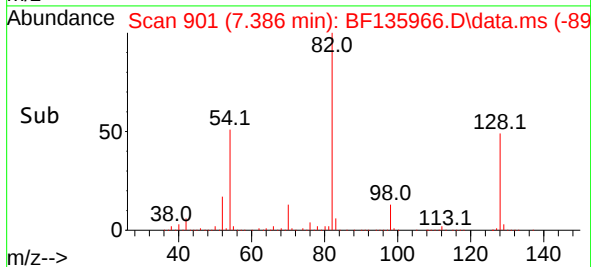
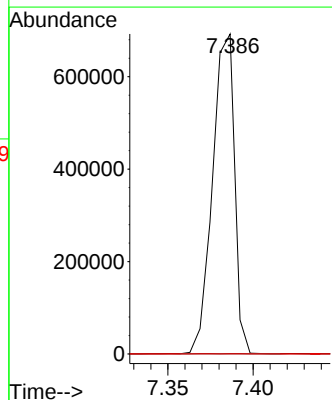
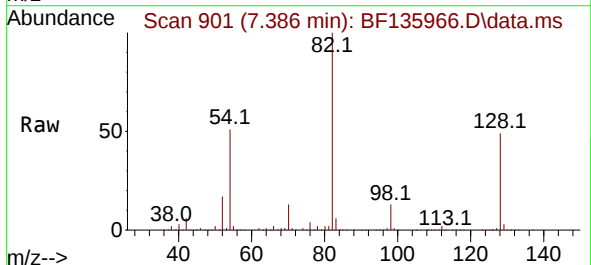
Instrument :
BNA_F
ClientSampleId :
MMFB-3

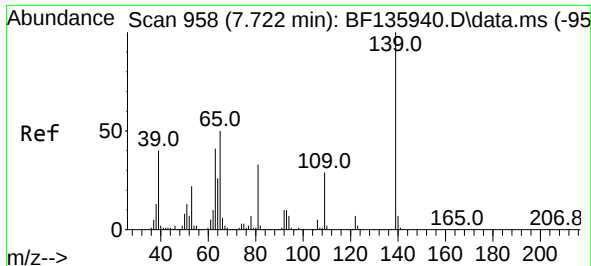
Tgt Ion: 77 Resp: 373
Ion Ratio Lower Upper
77 100
123 45.5 40.2 60.2
65 68.8 11.0 16.4#



#25
Isophorone
Concen: 30.317 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Tgt Ion: 82 Resp: 621798
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.8 22.2#

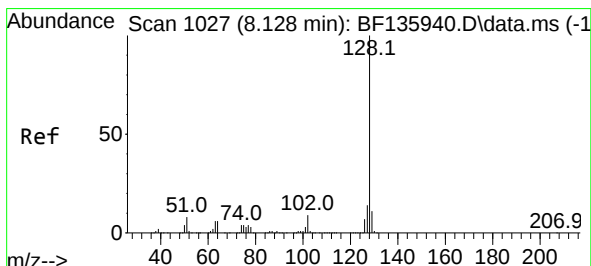
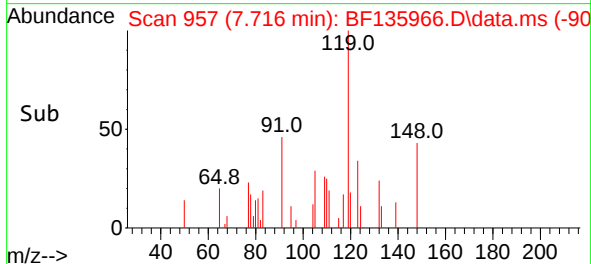
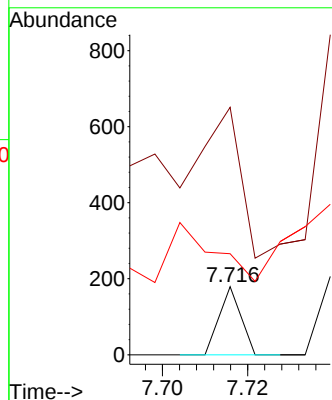
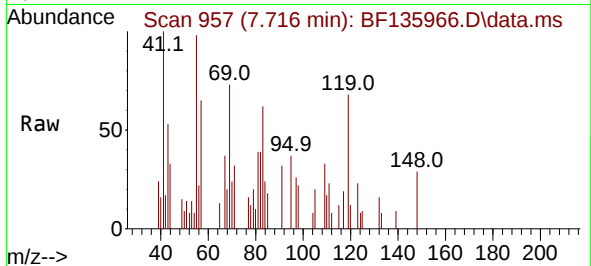




#26
2-Nitrophenol
Concen: 3.108 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

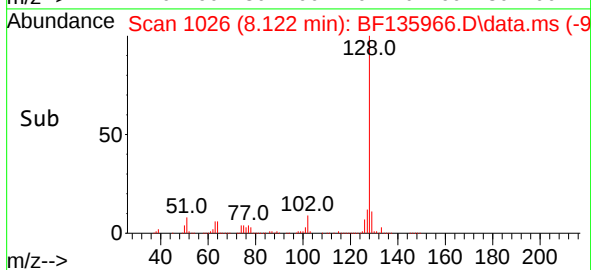
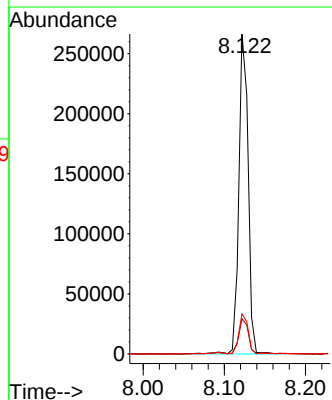
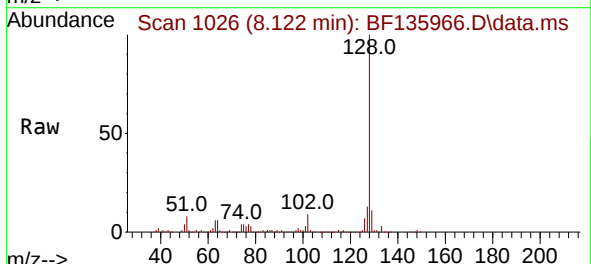
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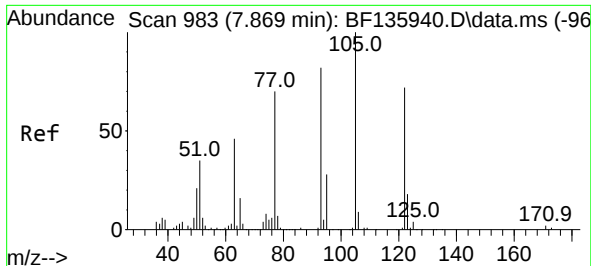
Tgt Ion:139 Resp: 63
Ion Ratio Lower Upper
139 100
109 363.7 23.1 34.7#
65 148.6 39.8 59.8#



#31
Naphthalene
Concen: 6.721 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Tgt Ion:128 Resp: 210854
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.6 10.9 16.3

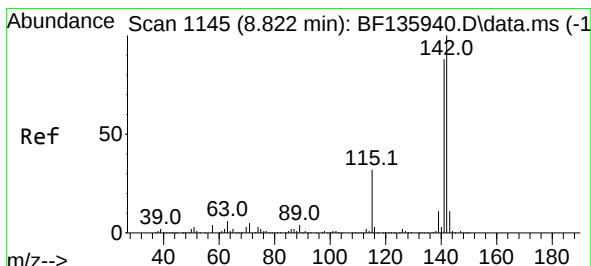
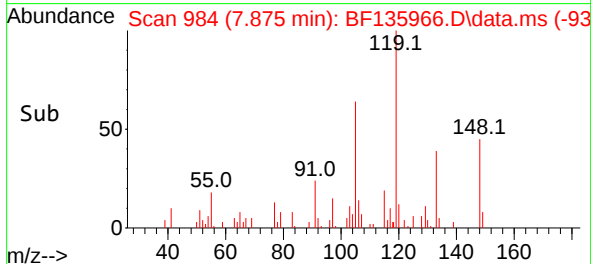
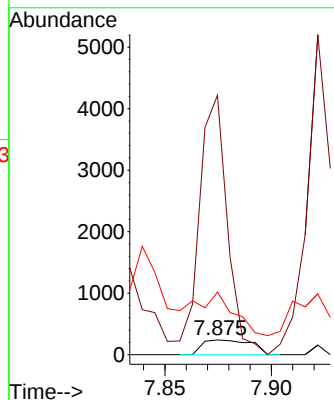
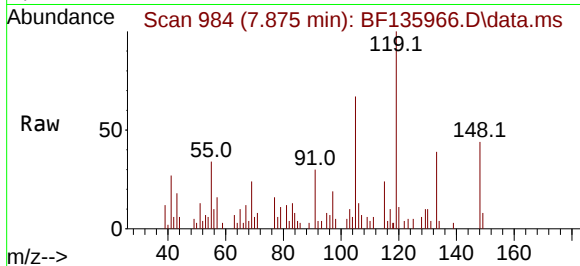




#32
Benzoic acid
Concen: 5.848 ng
RT: 7.875 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

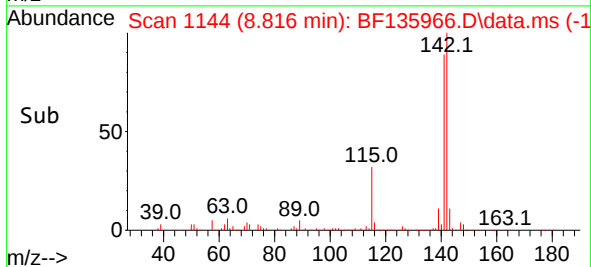
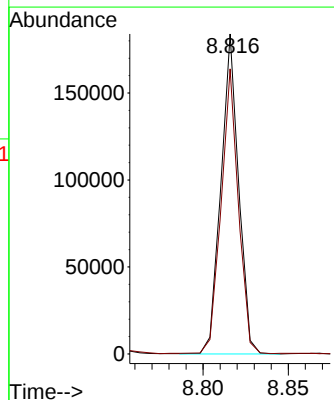
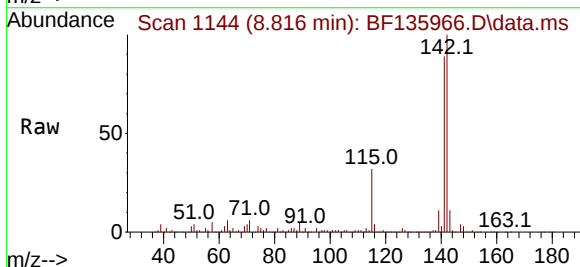
Instrument :
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ClientSampleId :
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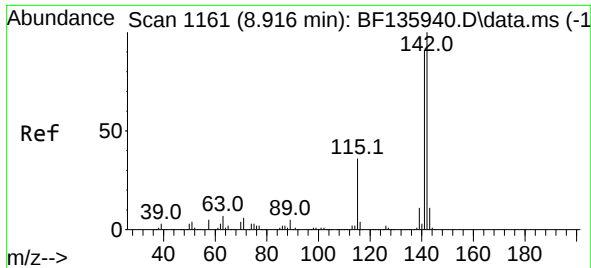
Tgt Ion:122 Resp: 381
Ion Ratio Lower Upper
122 100
105 1766.1 113.1 153.1#
77 425.9 75.2 115.2#



#37
2-Methylnaphthalene
Concen: 6.401 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Tgt Ion:142 Resp: 132859
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6

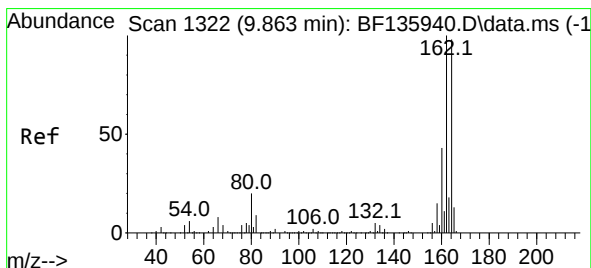
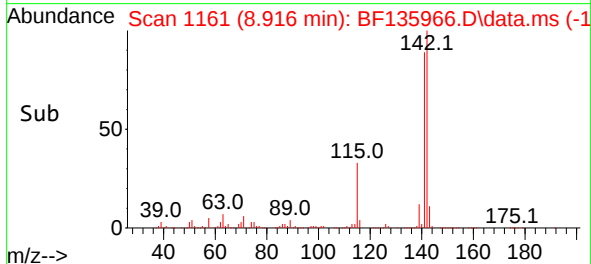
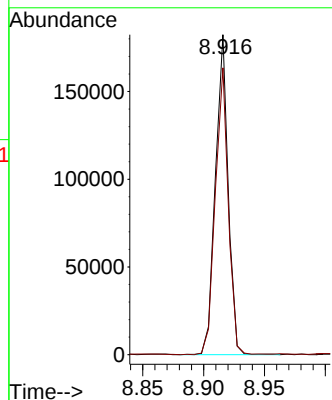
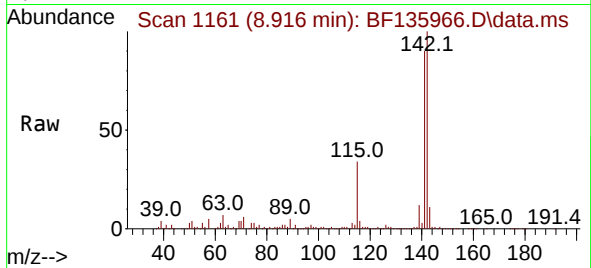




#38
1-Methylnaphthalene
Concen: 6.887 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

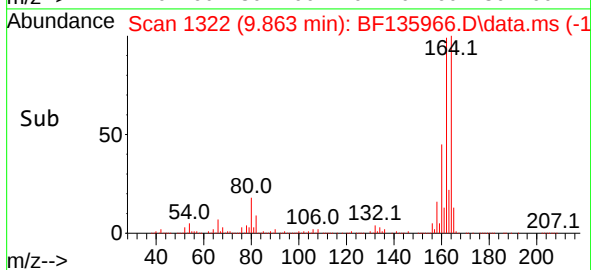
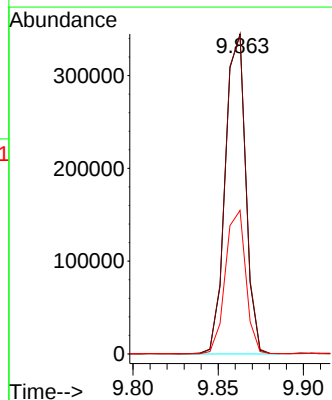
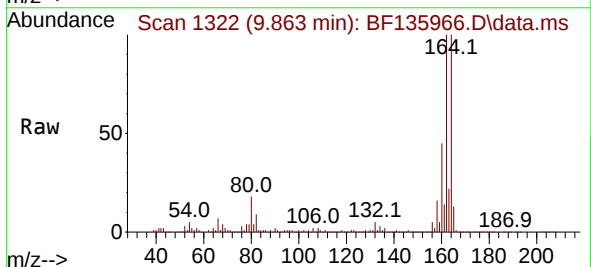
Instrument :
BNA_F
ClientSampleId :
MMFB-3

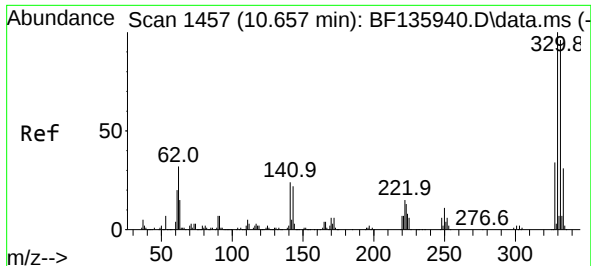
Tgt Ion:142 Resp: 133573
Ion Ratio Lower Upper
142 100
141 89.6 73.1 109.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Tgt Ion:164 Resp: 287487
Ion Ratio Lower Upper
164 100
162 99.6 82.0 123.0
160 44.9 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 72.966 ng

RT: 10.651 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

MMFB-3

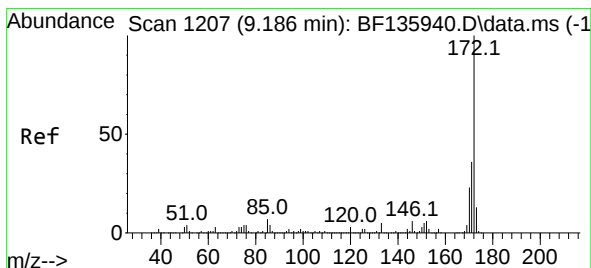
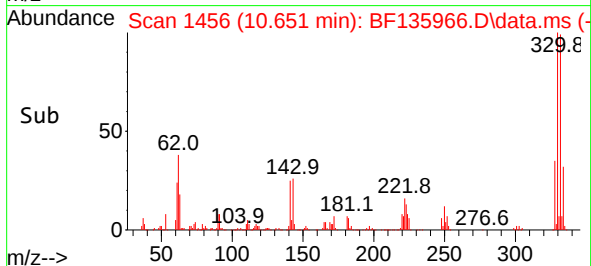
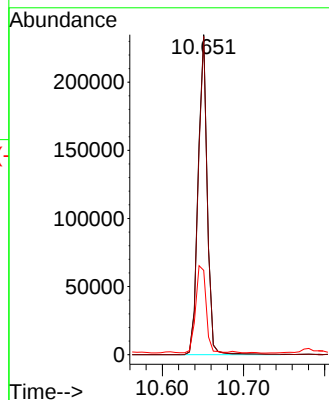
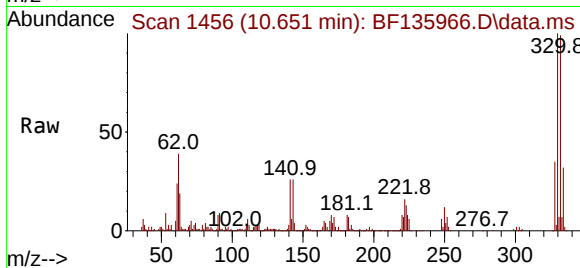
Tgt Ion:330 Resp: 183608

Ion Ratio Lower Upper

330 100

332 98.3 77.4 116.2

141 31.3 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 63.329 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

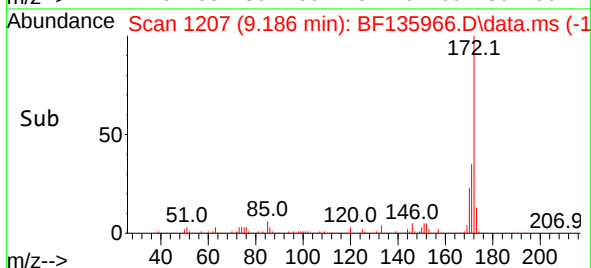
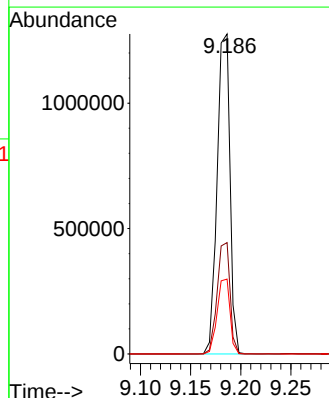
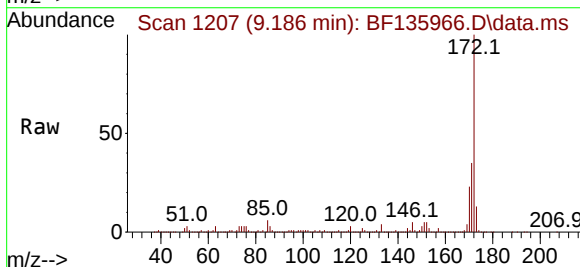
Tgt Ion:172 Resp: 1136996

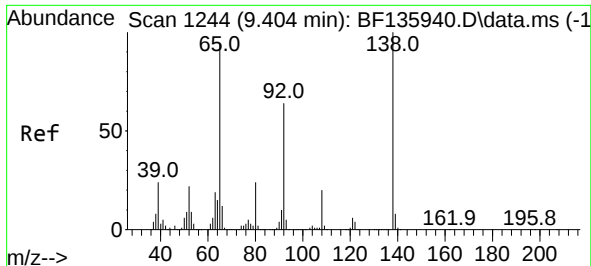
Ion Ratio Lower Upper

172 100

171 34.8 28.6 43.0

170 23.4 18.6 28.0

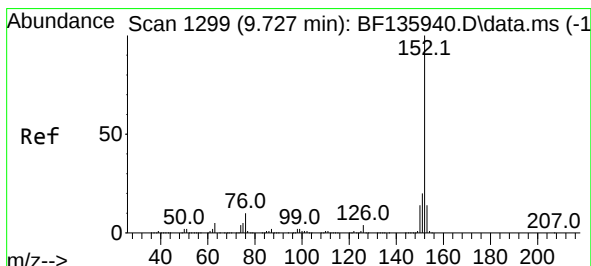
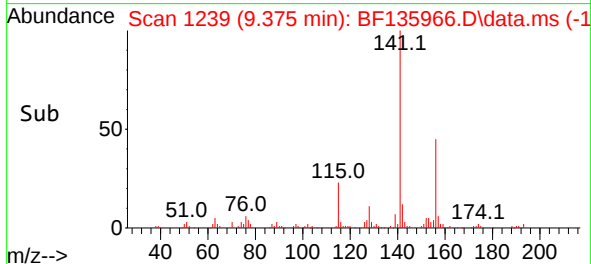
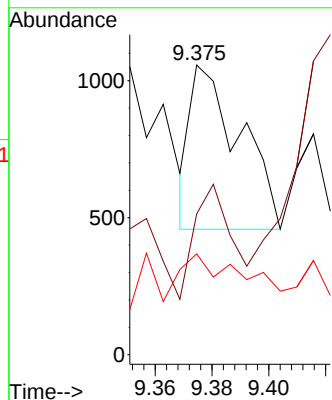
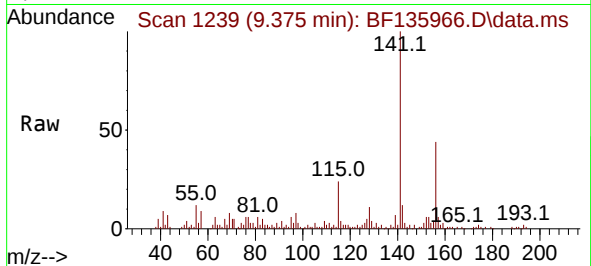




#48
2-Nitroaniline
Concen: 4.385 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.029 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

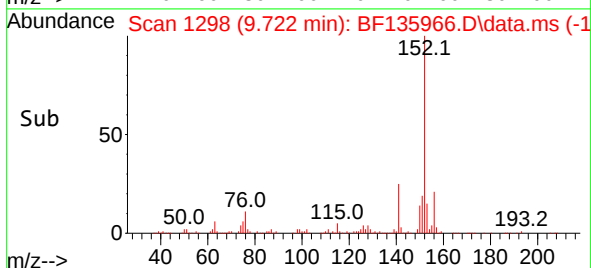
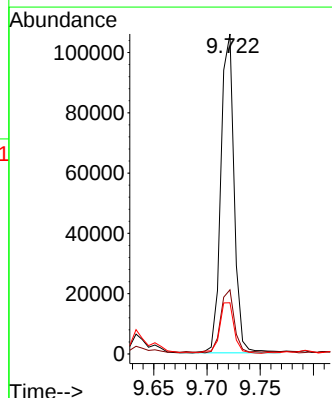
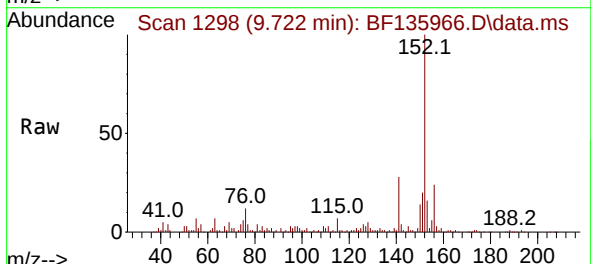
Instrument :
BNA_F
ClientSampleId :
MMFB-3

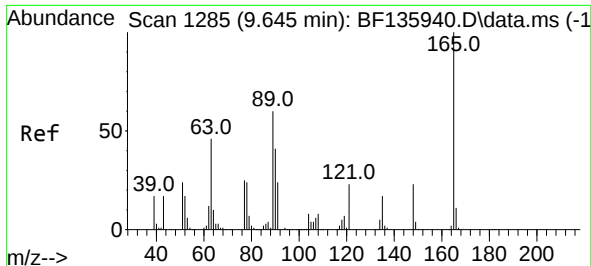
Tgt Ion: 65 Resp: 729
Ion Ratio Lower Upper
65 100
92 48.6 54.9 82.3#
138 34.8 85.2 127.8#



#49
Acenaphthylene
Concen: 3.615 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Tgt Ion: 152 Resp: 91895
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 16.0 11.0 16.6

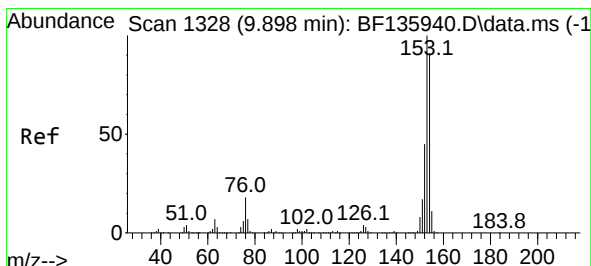
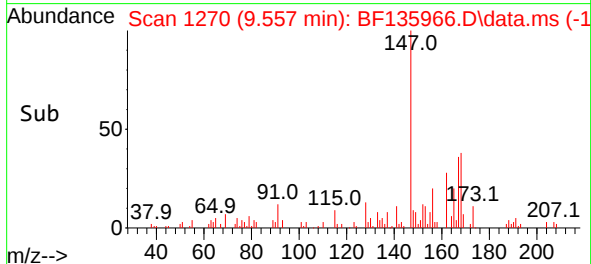
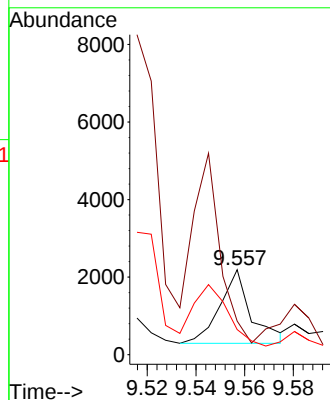
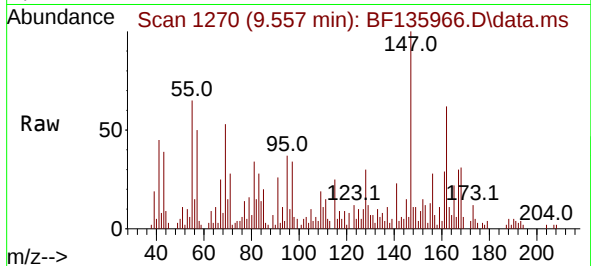




#51
2,6-Dinitrotoluene
Concen: 5.255 ng
RT: 9.557 min Scan# 11
Delta R.T. -0.088 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

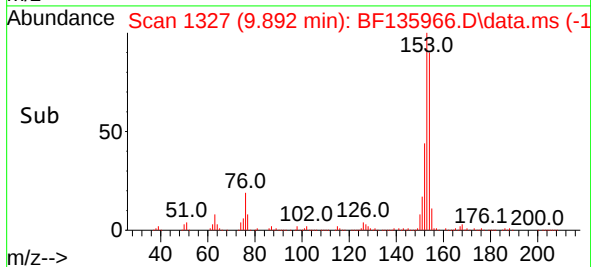
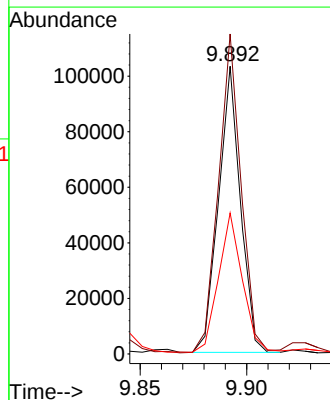
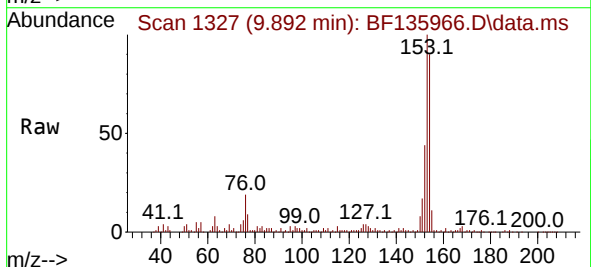
Instrument :
BNA_F
ClientSampleId :
MMFB-3

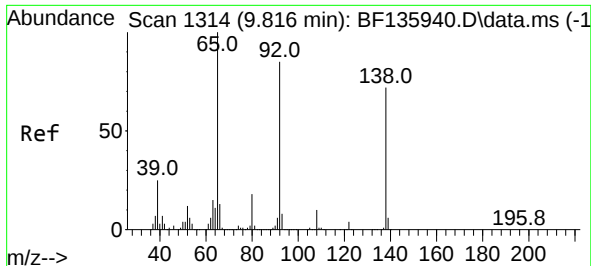
Tgt Ion:165 Resp: 1690
Ion Ratio Lower Upper
165 100
63 39.6 51.7 77.5#
89 29.5 48.3 72.5#



#52
Acenaphthene
Concen: 4.506 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Tgt Ion:154 Resp: 73402
Ion Ratio Lower Upper
154 100
153 111.2 88.0 132.0
152 49.0 39.4 59.2

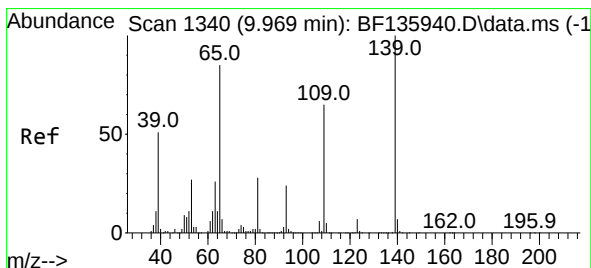
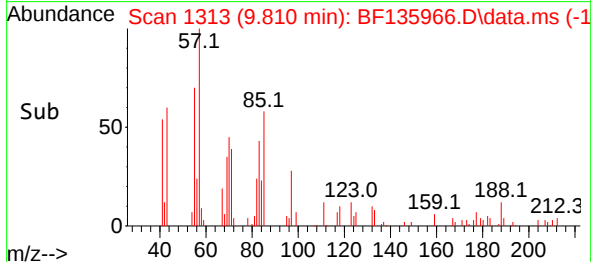
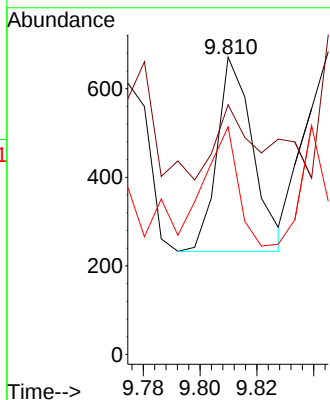
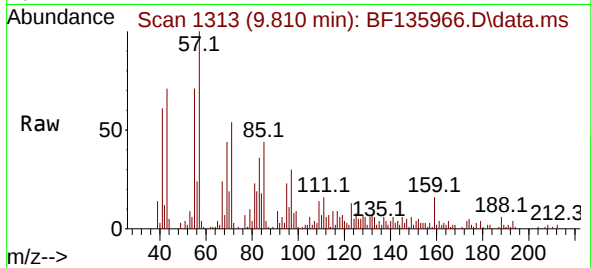




#53
3-Nitroaniline
Concen: 4.637 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

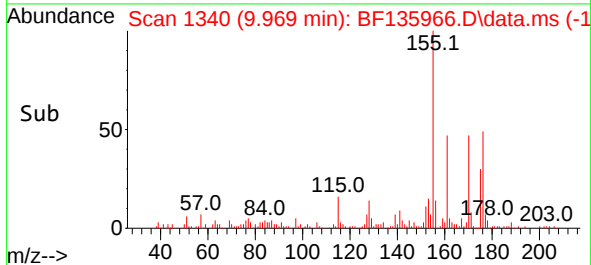
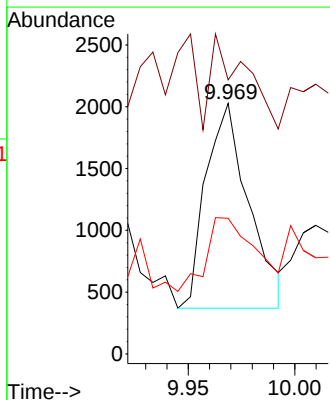
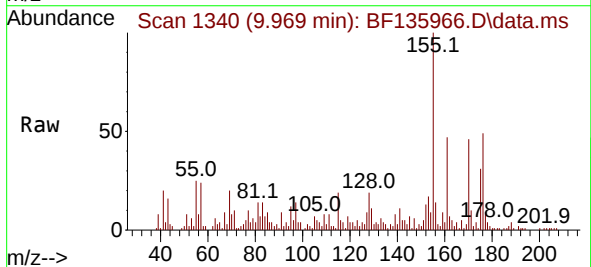
Instrument :
BNA_F
ClientSampleId :
MMFB-3

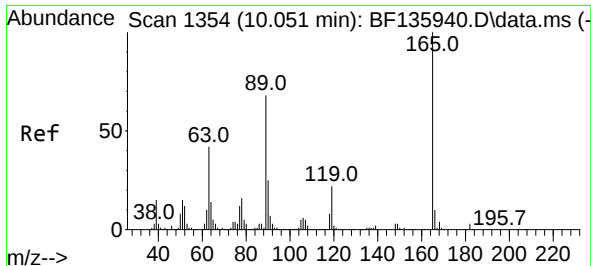
Tgt Ion:138 Resp: 385
Ion Ratio Lower Upper
138 100
108 84.1 11.3 16.9#
92 76.6 95.0 142.6#



#56
4-Nitrophenol
Concen: 6.753 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Tgt Ion:139 Resp: 2320
Ion Ratio Lower Upper
139 100
109 109.4 45.2 85.2#
65 54.1 65.1 105.1#

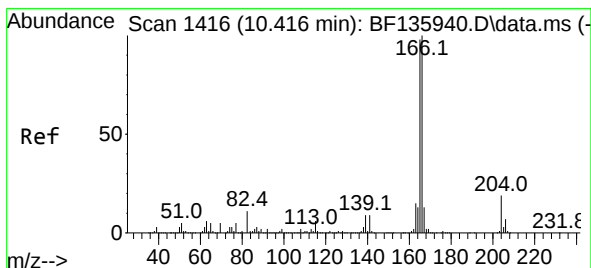
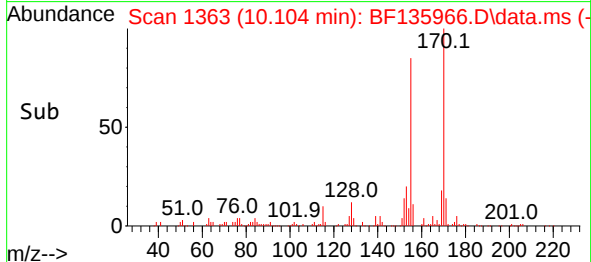
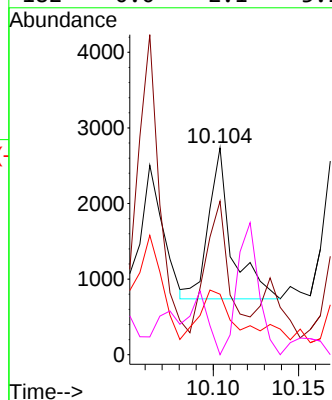
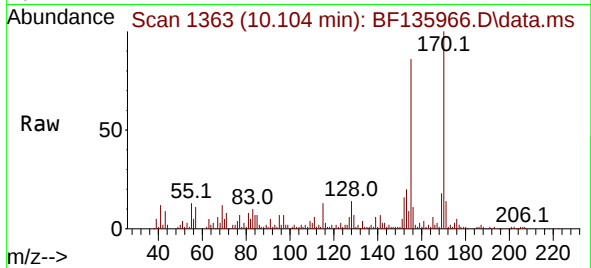




#57
2,4-Dinitrotoluene
Concen: 6.172 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

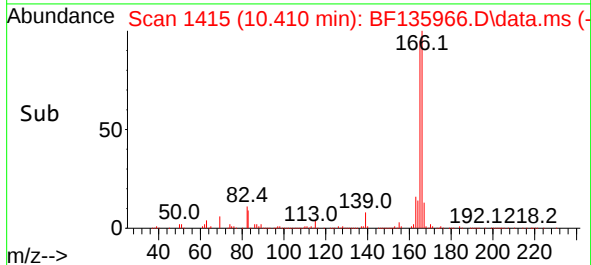
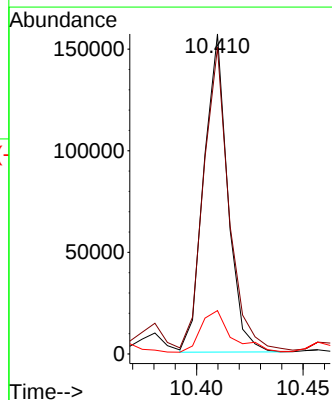
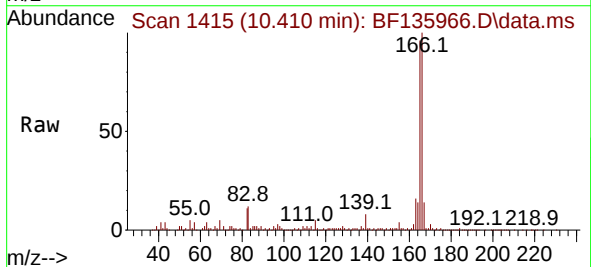
Instrument :
BNA_F
ClientSampleId :
MMFB-3

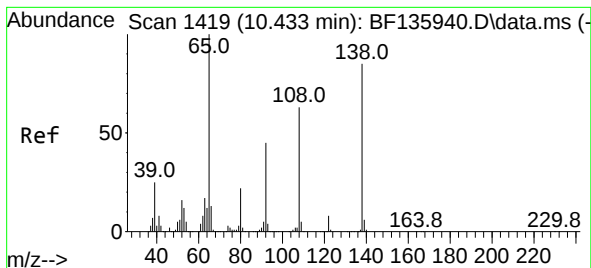
Tgt Ion:165 Resp: 1871
Ion Ratio Lower Upper
165 100
63 74.2 33.7 50.5#
89 29.2 54.6 81.8#
182 0.0 2.1 3.1#



#58
Fluorene
Concen: 6.933 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Tgt Ion:166 Resp: 122066
Ion Ratio Lower Upper
166 100
165 95.8 78.0 117.0
167 13.5 10.6 16.0

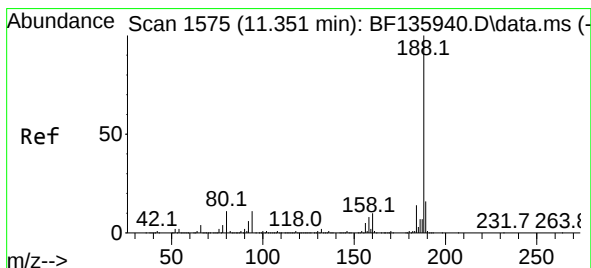
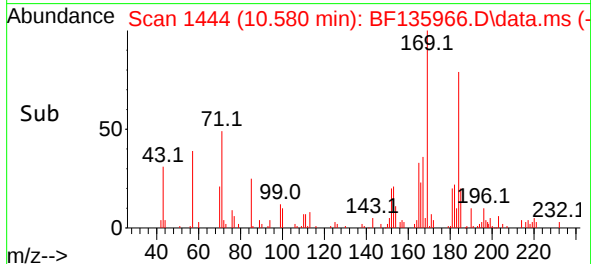
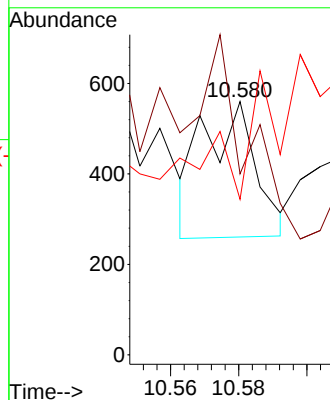
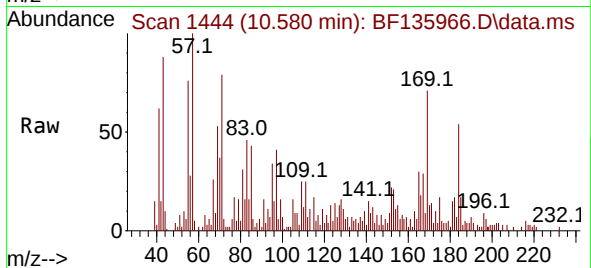




#62
4-Nitroaniline
Concen: 4.712 ng
RT: 10.580 min Scan# 1419
Delta R.T. 0.147 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

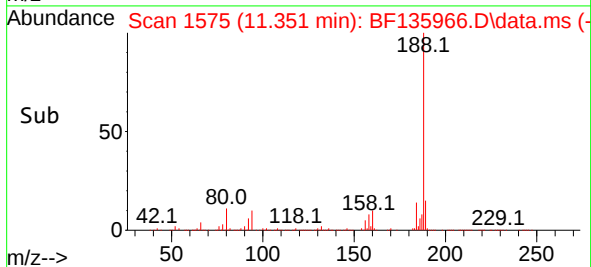
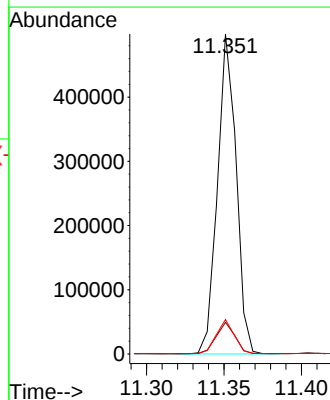
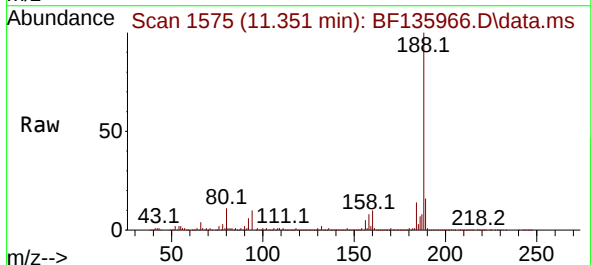
Instrument :
BNA_F
ClientSampleId :
MMFB-3

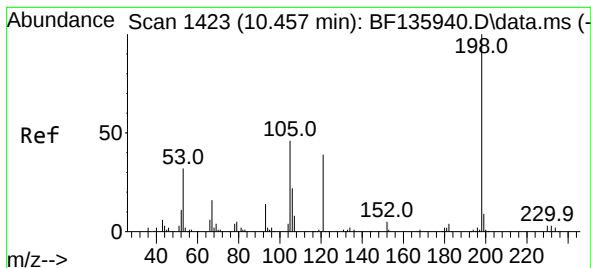
Tgt Ion:138 Resp: 317
Ion Ratio Lower Upper
138 100
92 71.4 32.9 72.9
108 61.4 53.5 93.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Tgt Ion:188 Resp: 417694
Ion Ratio Lower Upper
188 100
94 9.9 8.6 13.0
80 10.8 9.0 13.6

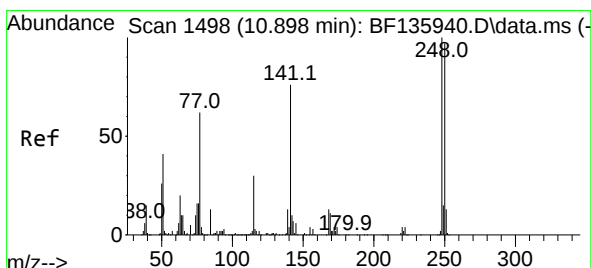
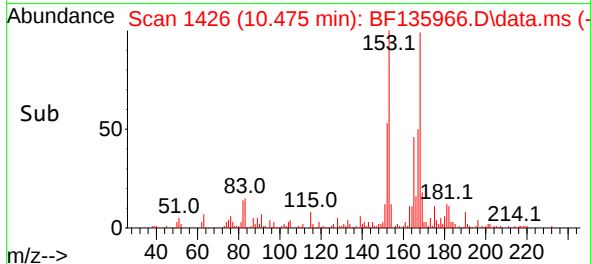
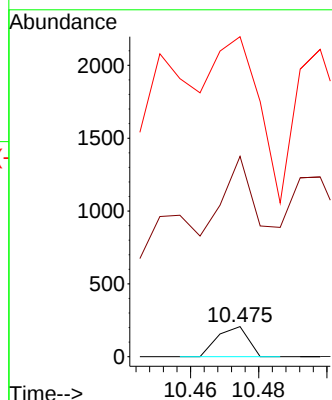
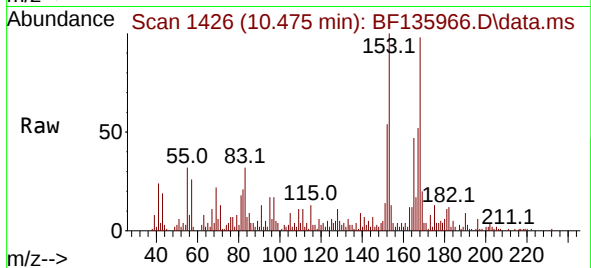




#65
4,6-Dinitro-2-methylphenol
Concen: 7.036 ng
RT: 10.475 min Scan# 1423
Delta R.T. 0.018 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

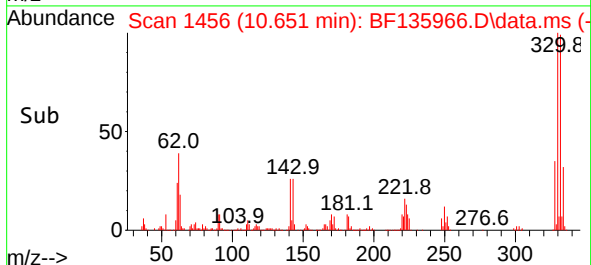
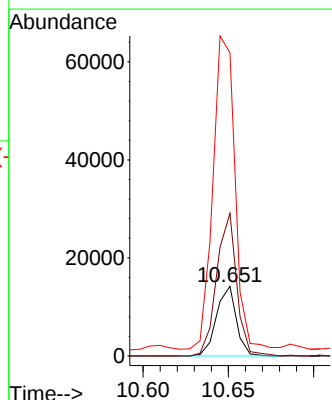
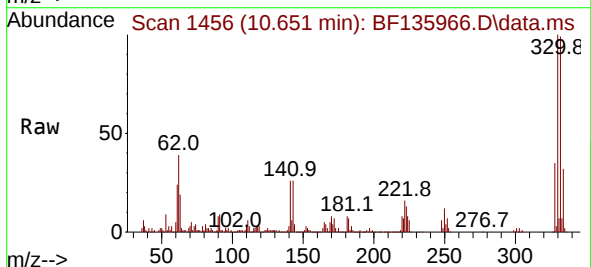
Instrument :
BNA_F
ClientSampleId :
MMFB-3

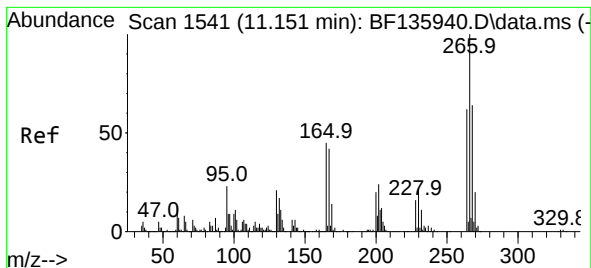
Tgt Ion:198 Resp: 128
Ion Ratio Lower Upper
198 100
51 664.3 28.7 68.7#
105 1061.4 27.2 67.2#



#67
4-Bromophenyl-phenylether
Concen: 2.701 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Tgt Ion:248 Resp: 11556
Ion Ratio Lower Upper
248 100
250 205.0 77.9 116.9#
141 435.8 60.8 91.2#





#70

Pentachlorophenol

Concen: 4.268 ng

RT: 10.992 min Scan# 1514

Delta R.T. -0.159 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

MMFB-3

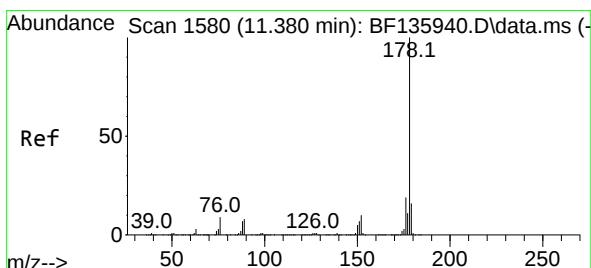
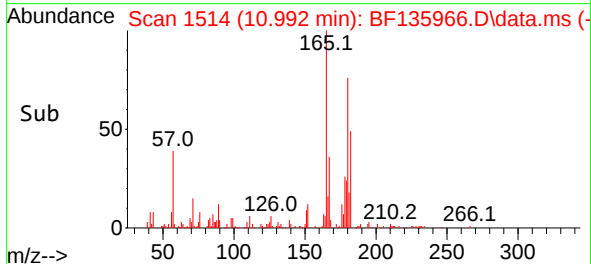
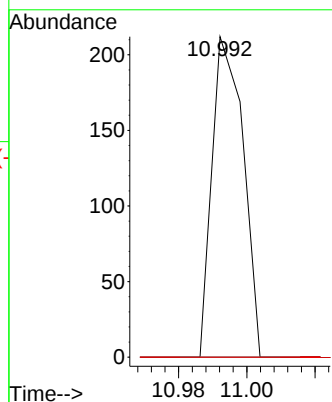
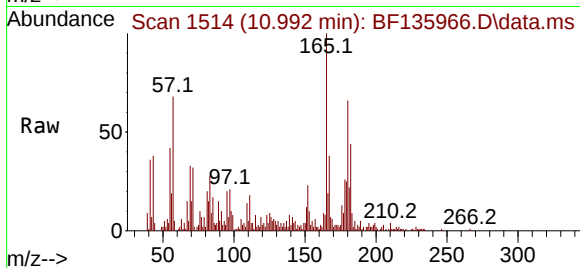
Tgt Ion:266 Resp: 134

Ion Ratio Lower Upper

266 100

268 0.0 50.8 76.2#

264 0.0 49.8 74.6#



#71

Phenanthrene

Concen: 43.798 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

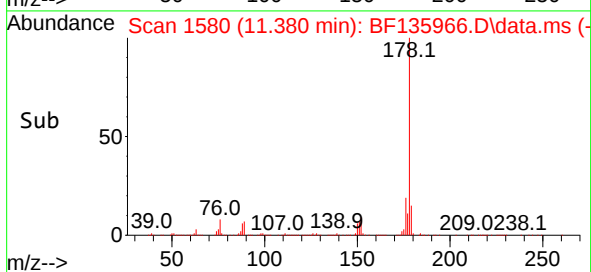
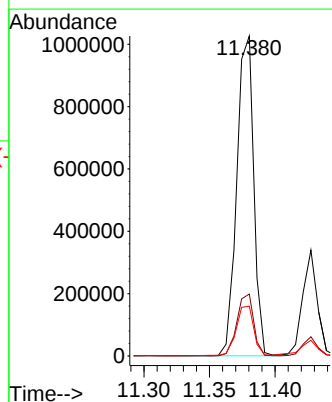
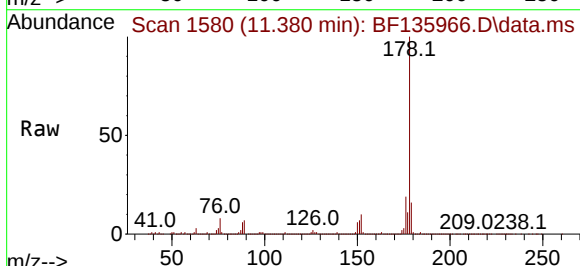
Tgt Ion:178 Resp: 925558

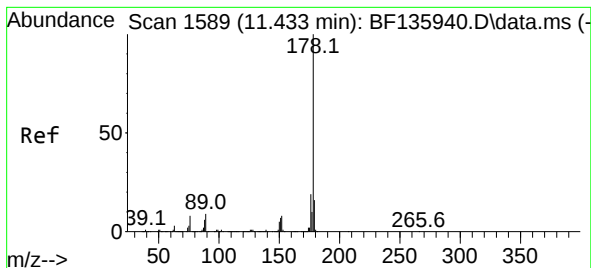
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.6 12.5 18.7





#72

Anthracene

Concen: 11.892 ng

RT: 11.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

MMFB-3

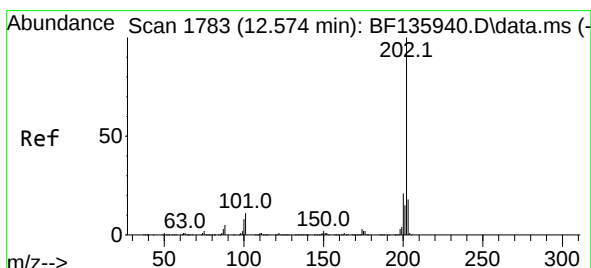
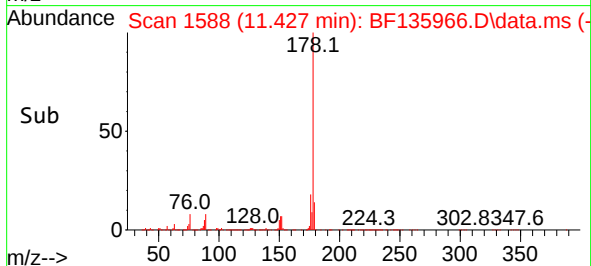
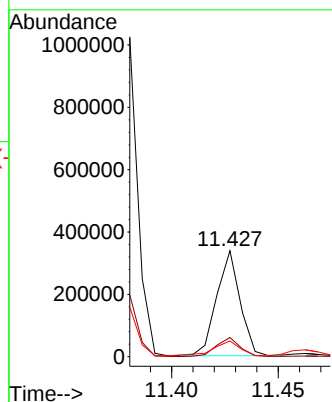
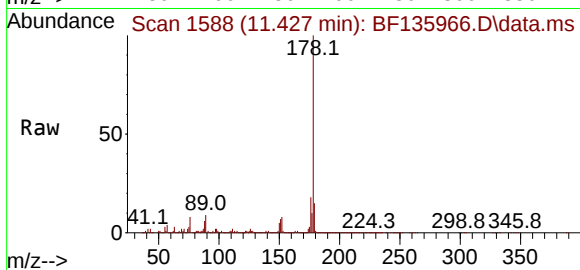
Tgt Ion:178 Resp: 257309

Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 14.8 12.5 18.7



#75

Fluoranthene

Concen: 26.700 ng

RT: 12.569 min Scan# 1782

Delta R.T. -0.006 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

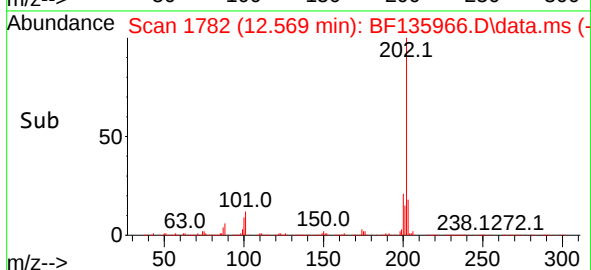
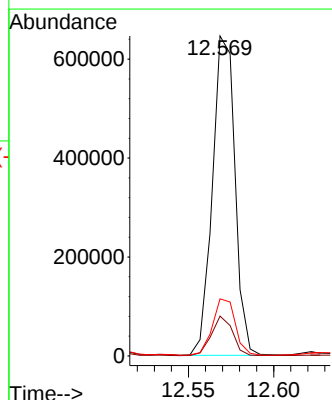
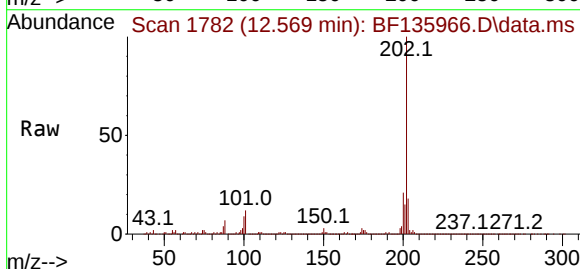
Tgt Ion:202 Resp: 593595

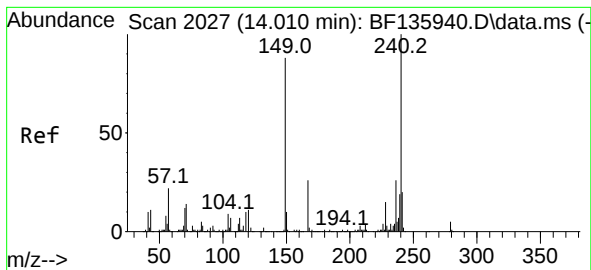
Ion Ratio Lower Upper

202 100

101 12.5 0.0 30.6

203 17.9 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

MMFB-3

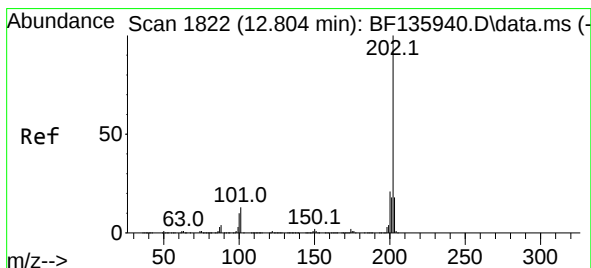
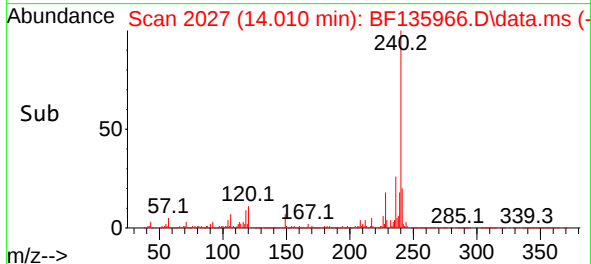
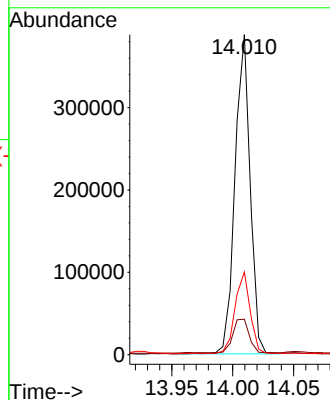
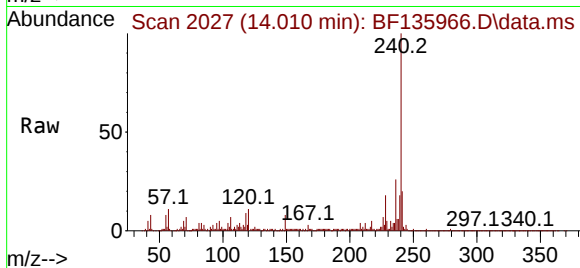
Tgt Ion:240 Resp: 335212

Ion Ratio Lower Upper

240 100

120 11.1 8.6 13.0

236 25.9 20.6 30.8



#78

Pyrene

Concen: 31.856 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

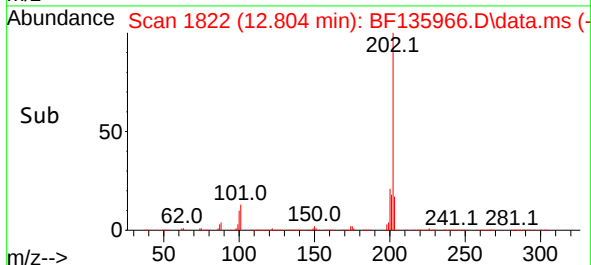
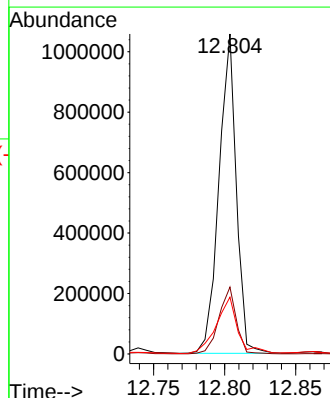
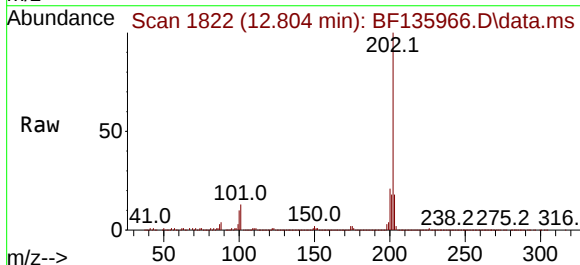
Tgt Ion:202 Resp: 896613

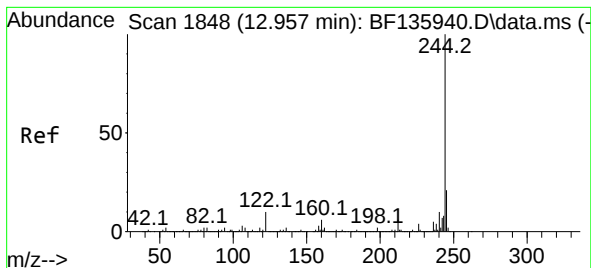
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

203 17.8 14.5 21.7





#79

Terphenyl-d14

Concen: 48.680 ng

RT: 12.951 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

MMFB-3

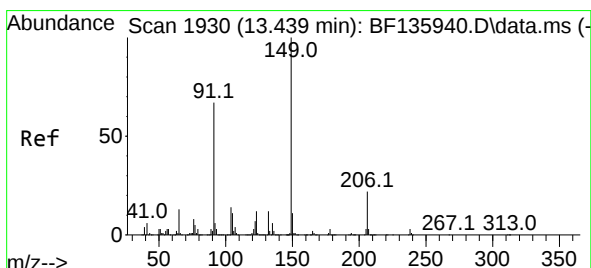
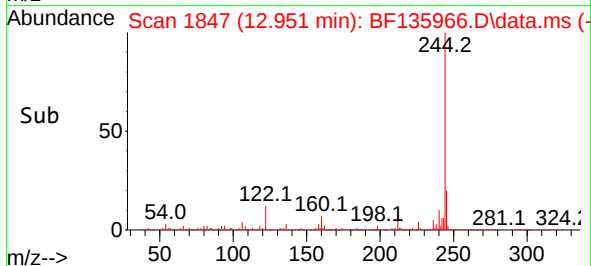
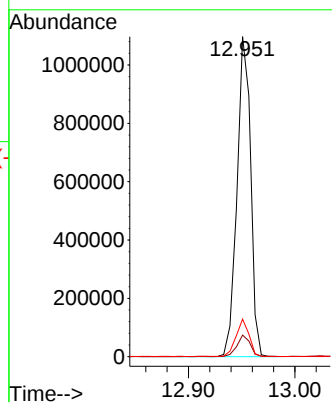
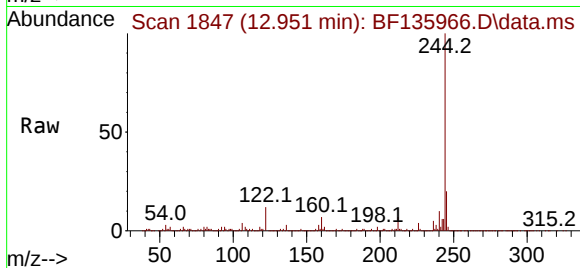
Tgt Ion:244 Resp: 976676

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.6

122 11.8 8.0 12.0



#80

Butylbenzylphthalate

Concen: 3.996 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

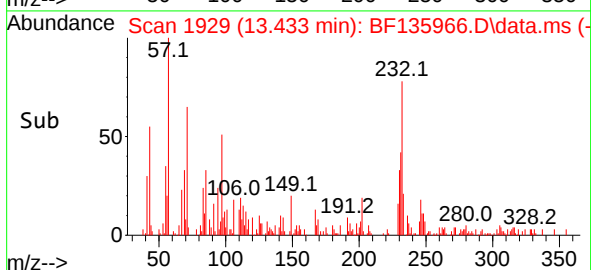
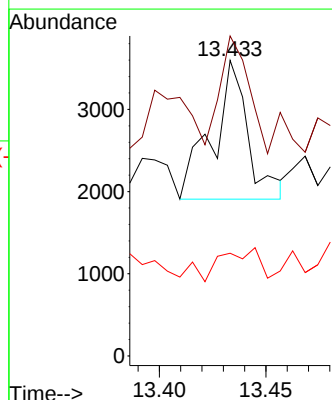
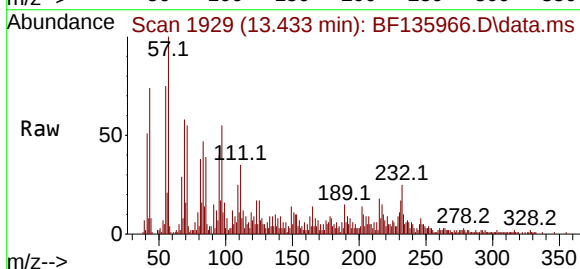
Tgt Ion:149 Resp: 1958

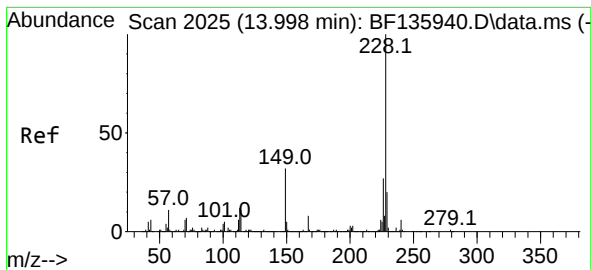
Ion Ratio Lower Upper

149 100

91 108.3 53.4 80.0#

206 34.7 17.5 26.3#





#81

Benzo(a)anthracene

Concen: 16.372 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.035 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

MMFB-3

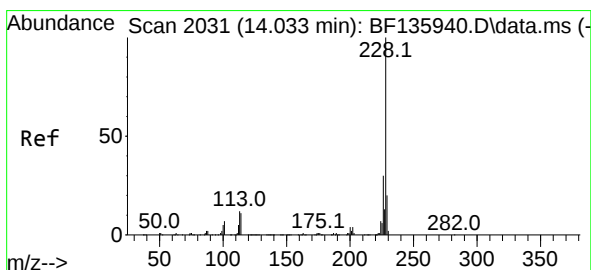
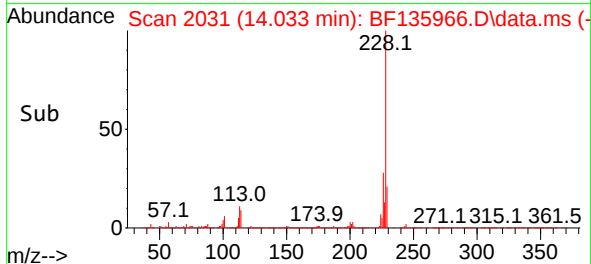
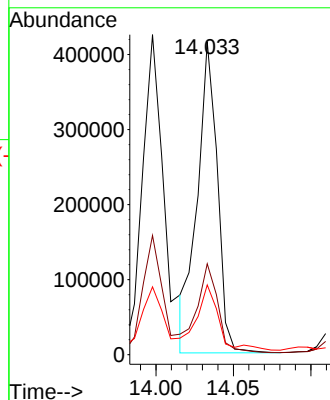
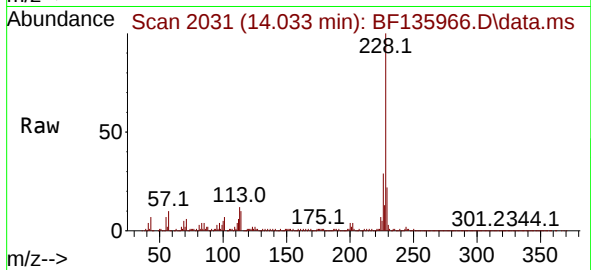
Tgt Ion:228 Resp: 373153

Ion Ratio Lower Upper

228 100

226 29.1 21.8 32.6

229 22.3 16.2 24.4



#83

Chrysene

Concen: 16.809 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

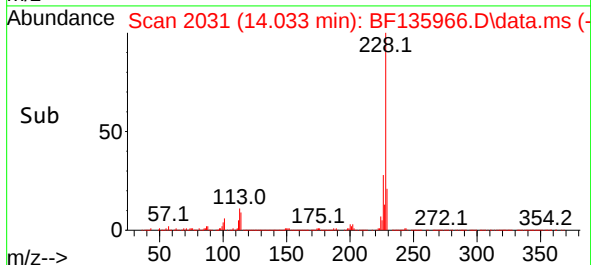
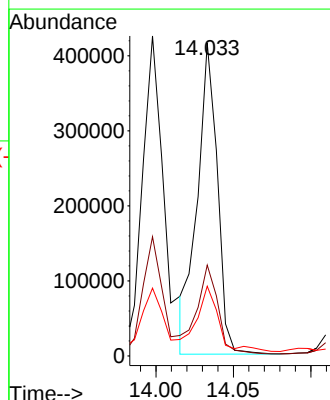
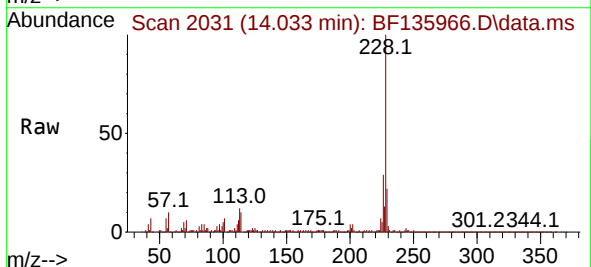
Tgt Ion:228 Resp: 373153

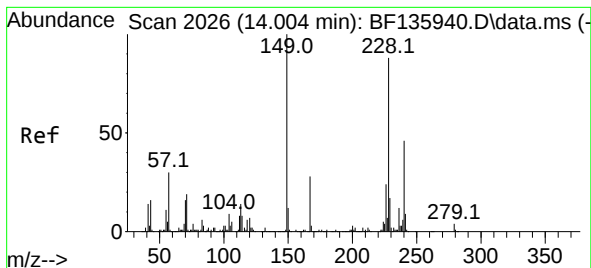
Ion Ratio Lower Upper

228 100

226 29.1 23.9 35.9

229 22.3 16.2 24.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.023 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

MMFB-3

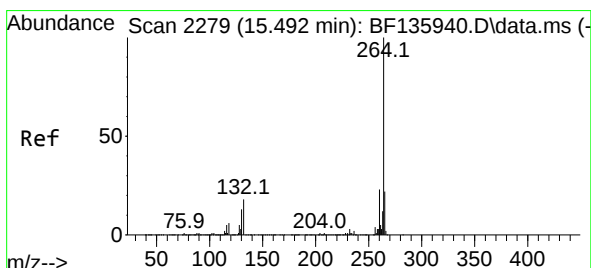
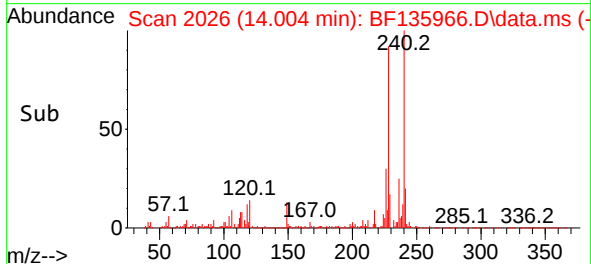
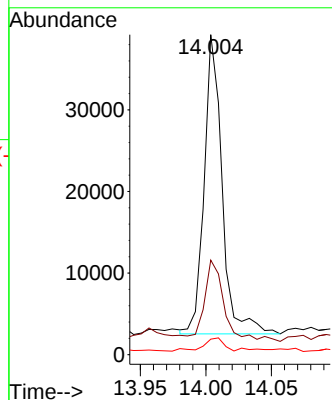
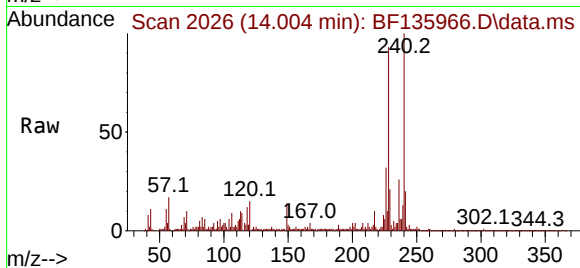
Tgt Ion:149 Resp: 34983

Ion Ratio Lower Upper

149 100

167 29.6 22.2 33.2

279 4.9 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

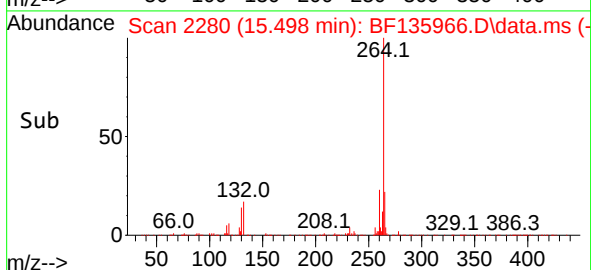
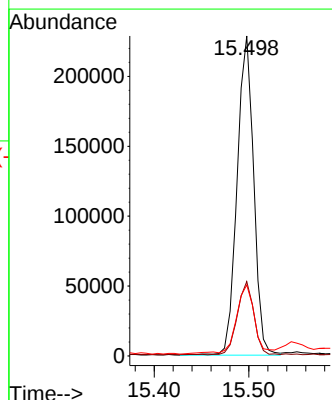
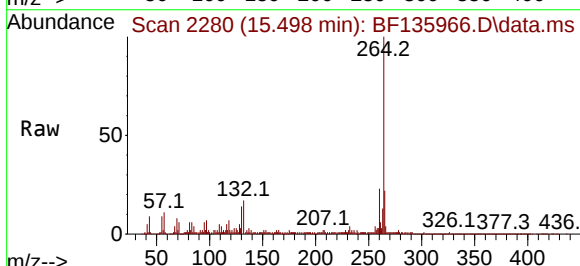
Tgt Ion:264 Resp: 277539

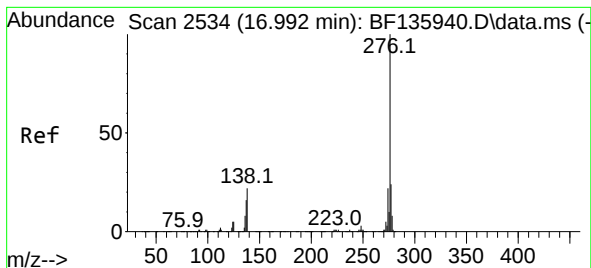
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 22.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.417 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

MMFB-3

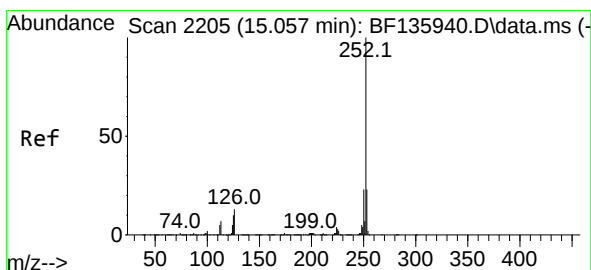
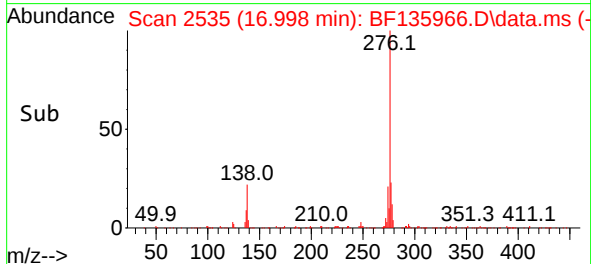
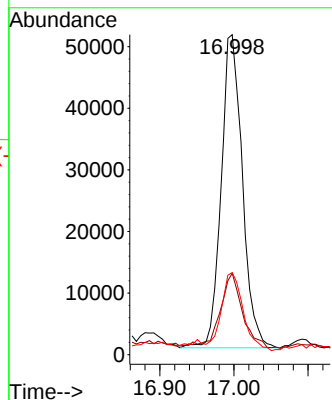
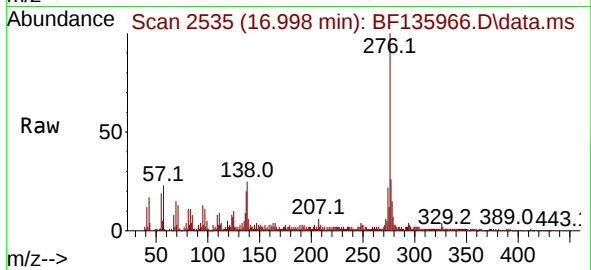
Tgt Ion:276 Resp: 100989

Ion Ratio Lower Upper

276 100

138 25.5 21.8 32.6

277 25.6 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 22.359 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.006 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

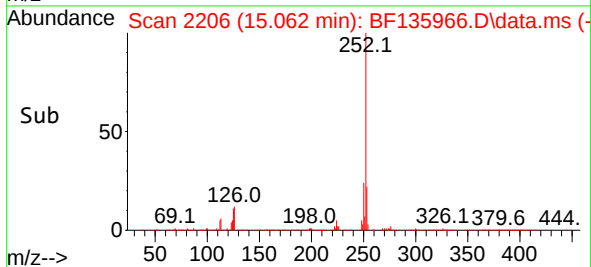
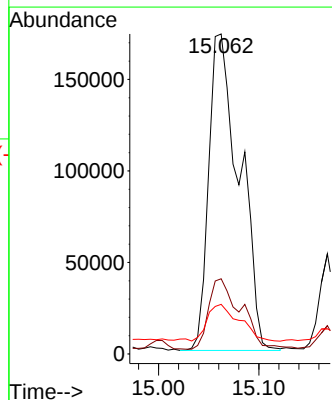
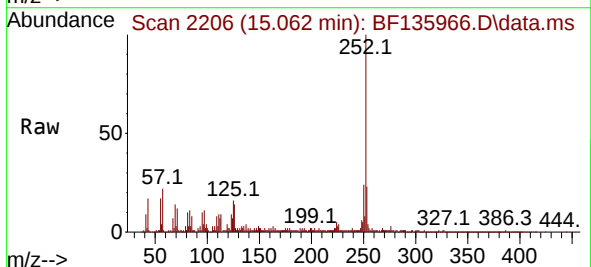
Tgt Ion:252 Resp: 369298

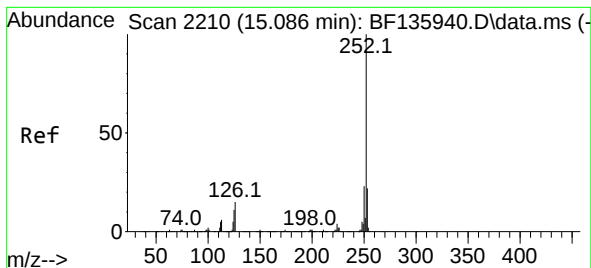
Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

125 15.5 8.2 12.4#





#89

Benzo(k)fluoranthene

Concen: 22.766 ng

RT: 15.062 min Scan# 2210

Delta R.T. -0.024 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

Instrument :

BNF_F

ClientSampleId :

MMFB-3

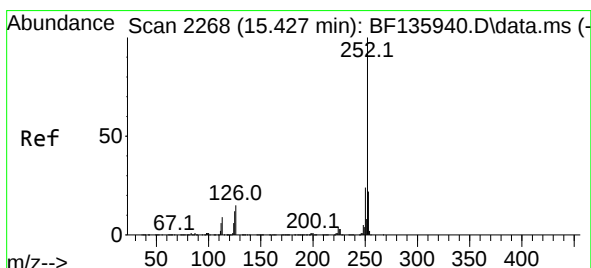
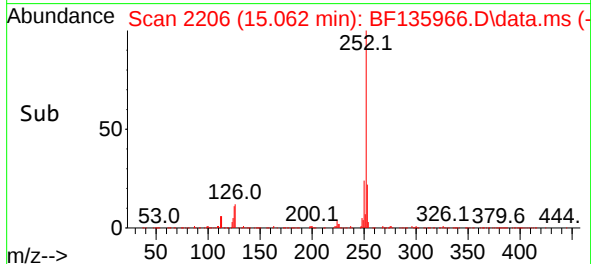
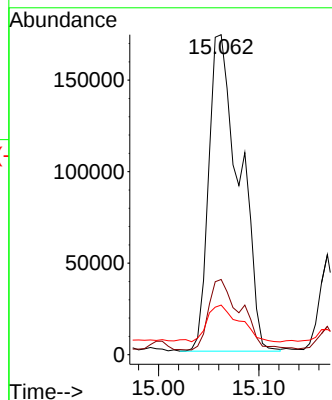
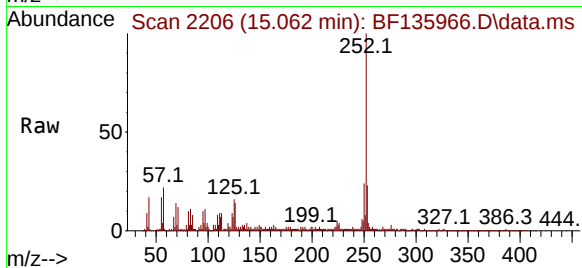
Tgt Ion:252 Resp: 369298

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 15.5 8.5 12.7#



#90

Benzo(a)pyrene

Concen: 15.770 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF135966.D

Acq: 26 Oct 2023 16:37

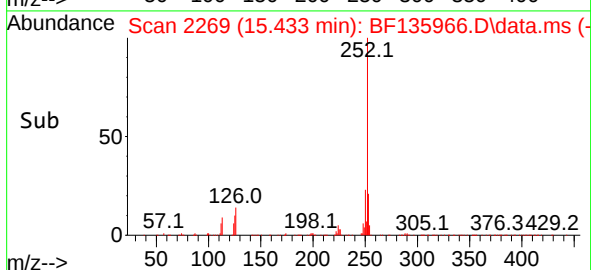
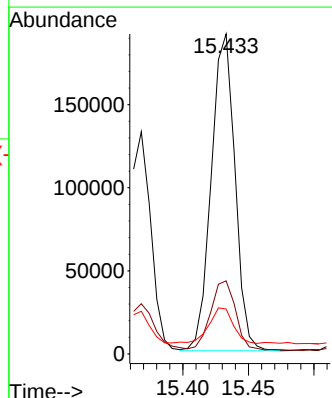
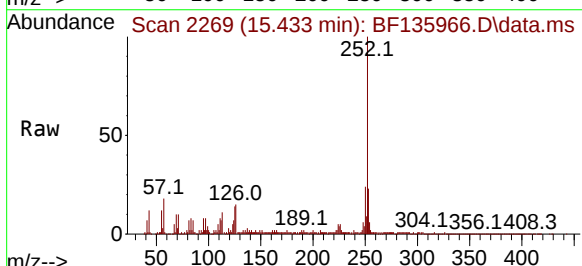
Tgt Ion:252 Resp: 240057

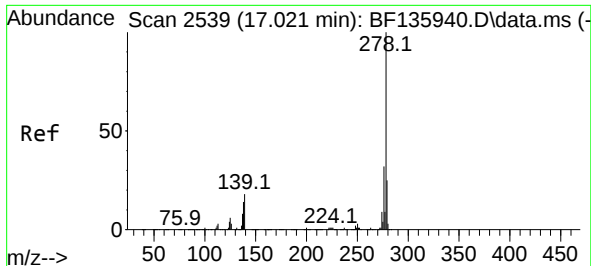
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 14.0 9.6 14.4

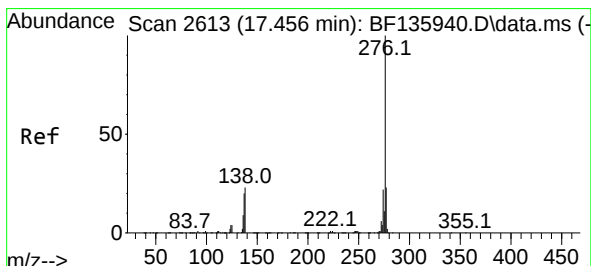
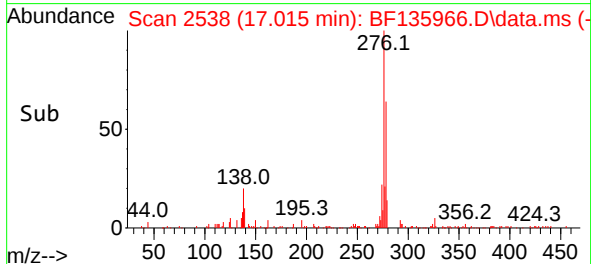
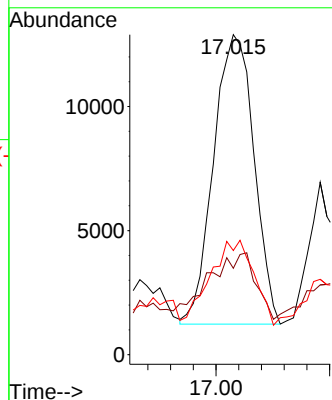
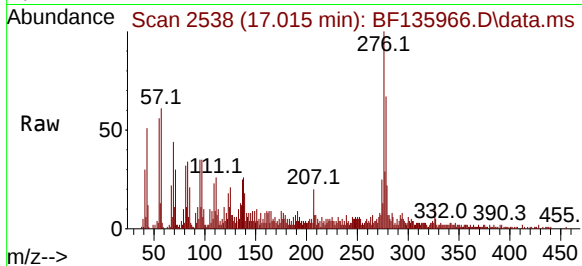




#91
Dibenzo(a,h)anthracene
Concen: 2.140 ng
RT: 17.015 min Scan# 2538
Delta R.T. -0.006 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Instrument :
BNA_F
ClientSampleId :
MMFB-3

Tgt Ion:278 Resp: 28812
Ion Ratio Lower Upper
278 100
139 27.0 14.0 21.0#
279 32.6 19.7 29.5#



#92
Benzo(g,h,i)perylene
Concen: 10.396 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF135966.D
Acq: 26 Oct 2023 16:37

Tgt Ion:276 Resp: 110234
Ion Ratio Lower Upper
276 100
277 25.1 18.6 28.0
138 22.5 18.4 27.6

