

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131171.D
 Acq On : 12 Nov 2022 00:53
 Operator : CG\JU
 Sample : N5556-08 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RM-8

Quant Time: Nov 12 01:38:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 12 00:03:31 2022
 Response via : Initial Calibration

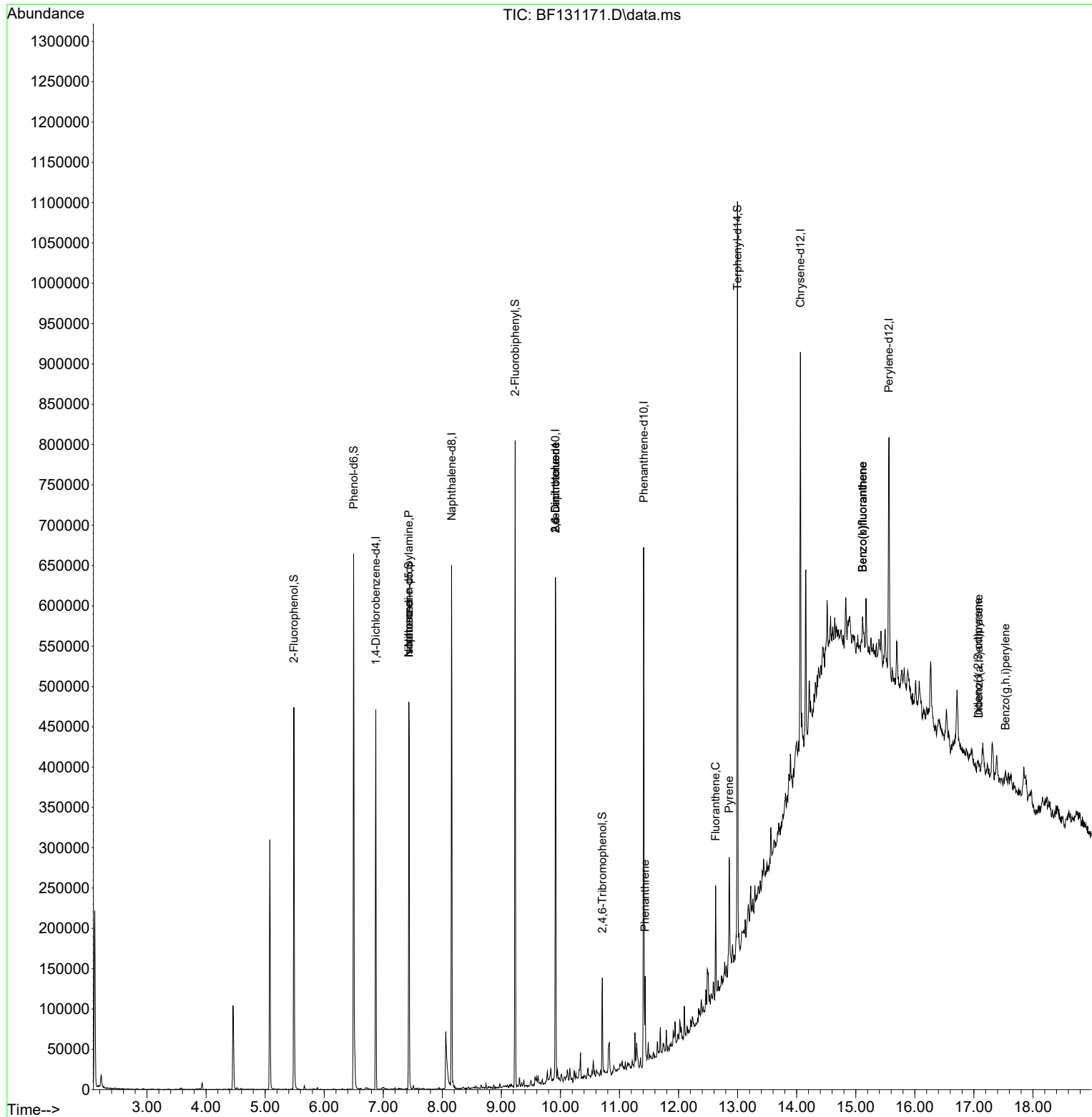
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	57607	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239640	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	120234	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	217307	20.000	ng	0.00
76) Chrysene-d12	14.062	240	152462	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	115344	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	107141	31.629	ng	0.00
7) Phenol-d6	6.498	99	175721	39.678	ng	0.00
23) Nitrobenzene-d5	7.434	82	136998	25.794	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	12409	9.986	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	209882	24.368	ng	0.00
79) Terphenyl-d14	12.998	244	275857	31.724	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	19515	6.711	ng	# 74
25) Isophorone	7.434	82	136996	16.682	ng	# 68
51) 2,6-Dinitrotoluene	9.916	165	16007	8.516	ng	# 14
57) 2,4-Dinitrotoluene	9.916	165	16007	6.407	ng	# 16
71) Phenanthrene	11.433	178	32361	2.708	ng	98
75) Fluoranthene	12.627	202	43337	3.622	ng	97
78) Pyrene	12.857	202	44670	3.415	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	7617	4.607	ng	93
88) Benzo(b)fluoranthene	15.115	252	21640	2.654	ng	# 56
89) Benzo(k)fluoranthene	15.115	252	21640	2.761	ng	# 57
91) Dibenzo(a,h)anthracene	17.080	278	3115	4.214	ng	# 1
92) Benzo(g,h,i)perylene	17.533	276	7265	5.180	ng	# 54

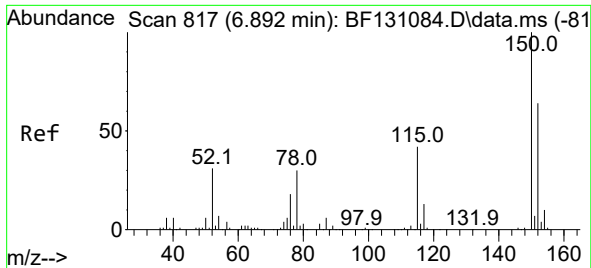
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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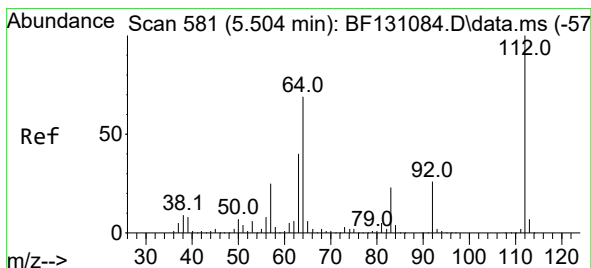
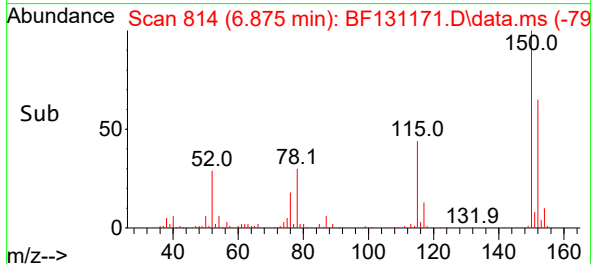
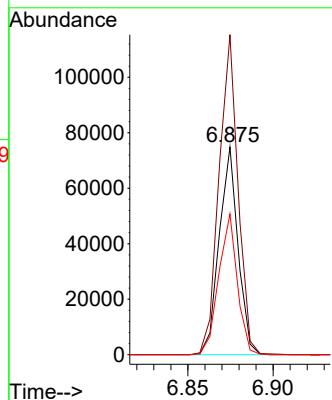
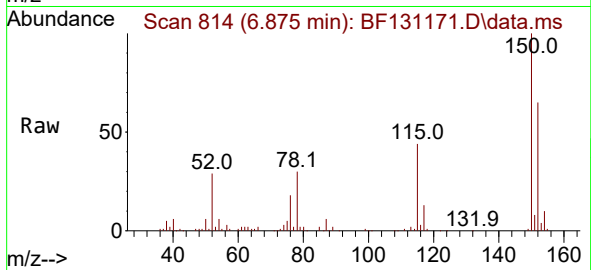




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131171.D
 Acq: 12 Nov 2022 00:53

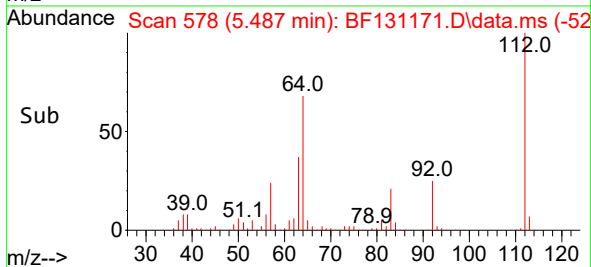
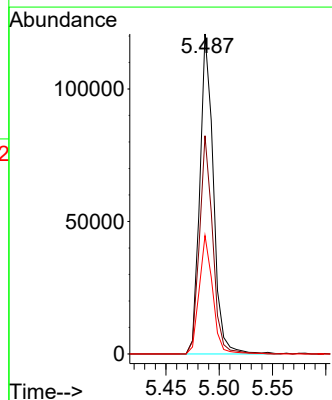
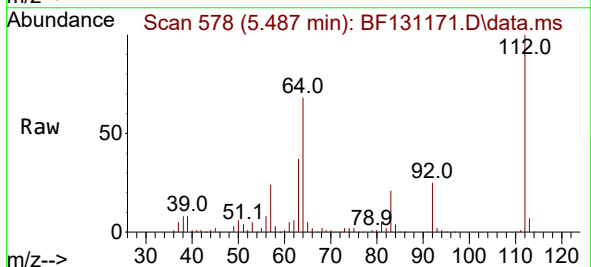
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 ClientSampleId :
 RM-8

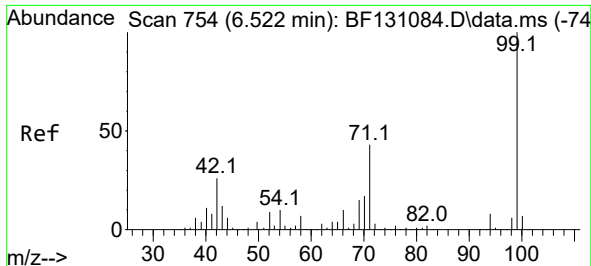
Tgt Ion:152 Resp: 57607
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.5 188.3
 115 67.8 52.2 78.2



#5
 2-Fluorophenol
 Concen: 31.629 ng
 RT: 5.487 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: BF131171.D
 Acq: 12 Nov 2022 00:53

Tgt Ion:112 Resp: 107141
 Ion Ratio Lower Upper
 112 100
 64 68.2 55.1 82.7
 63 37.0 32.4 48.6

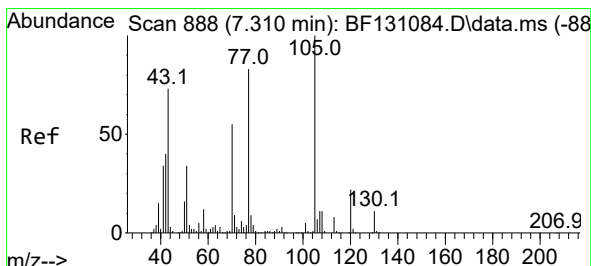
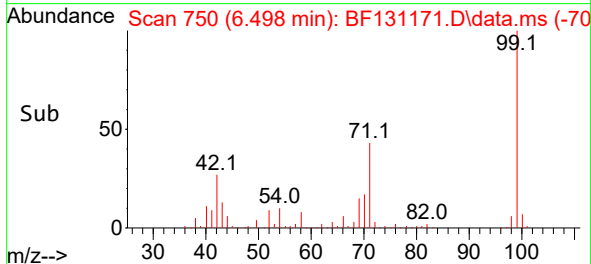
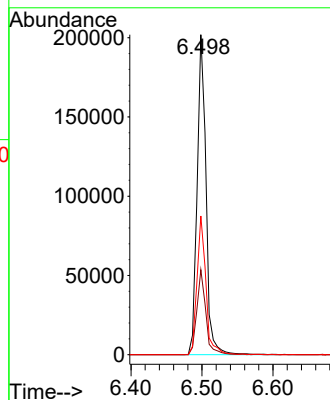
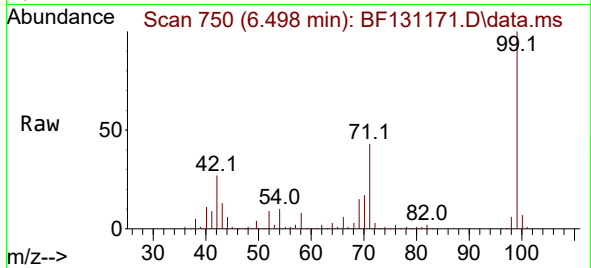




#7
Phenol-d6
Concen: 39.678 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

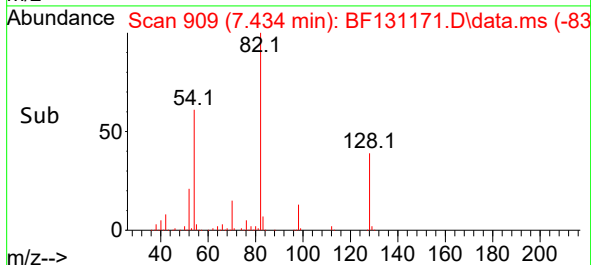
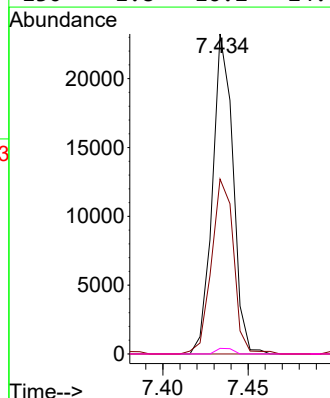
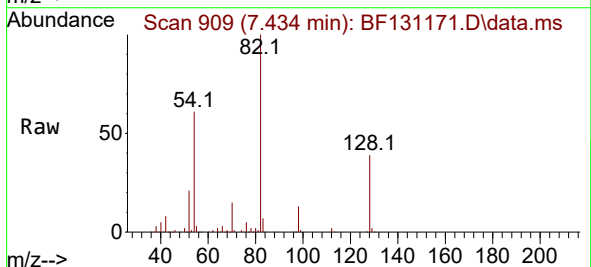
Instrument :
BNA_F
ClientSampleId :
RM-8

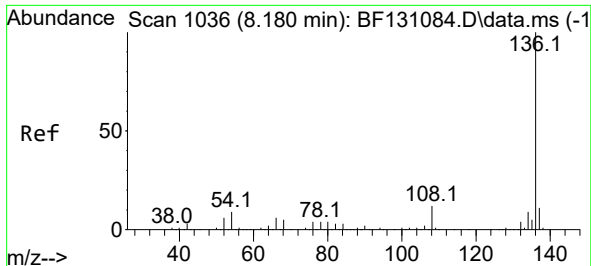
Tgt Ion: 99 Resp: 175721
Ion Ratio Lower Upper
99 100
42 26.5 20.8 31.2
71 43.3 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 6.711 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

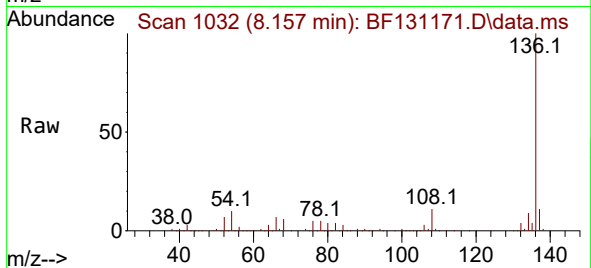
Tgt Ion: 70 Resp: 19515
Ion Ratio Lower Upper
70 100
42 54.7 58.3 87.5#
101 0.0 7.4 11.2#
130 1.8 16.2 24.4#



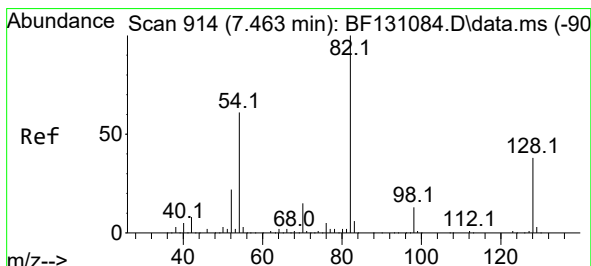
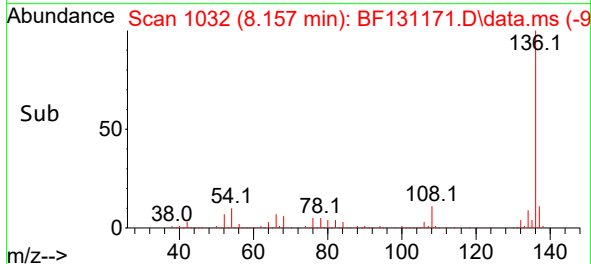
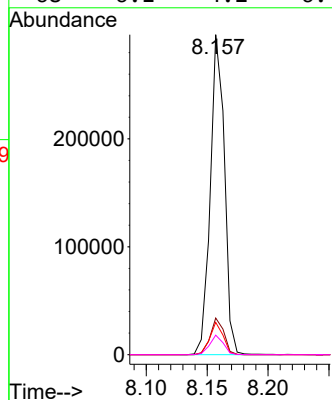


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Instrument :
BNA_F
ClientSampleId :
RM-8

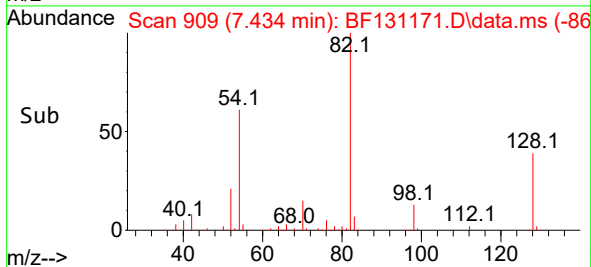
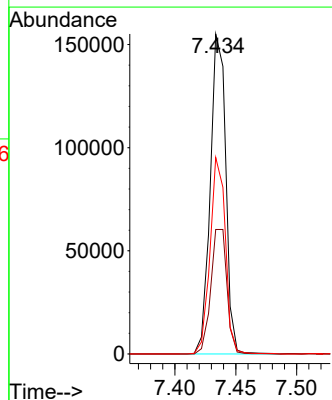
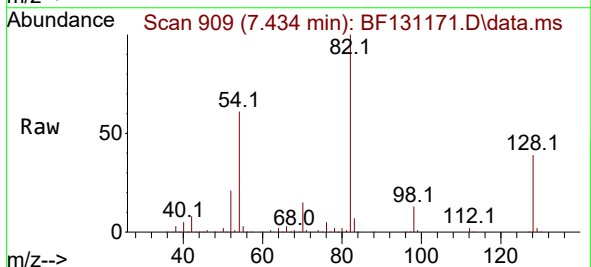


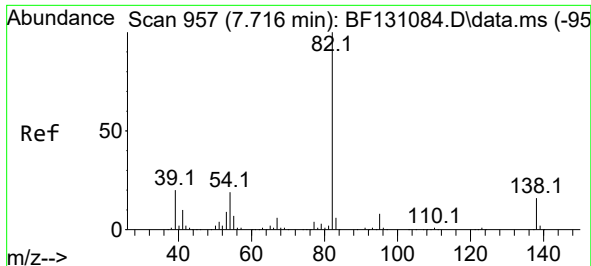
Tgt Ion:136 Resp: 239640
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 10.1 7.2 10.8
68 6.1 4.2 6.4



#23
Nitrobenzene-d5
Concen: 25.794 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion: 82 Resp: 136998
Ion Ratio Lower Upper
82 100
128 38.9 30.5 45.7
54 61.4 49.1 73.7

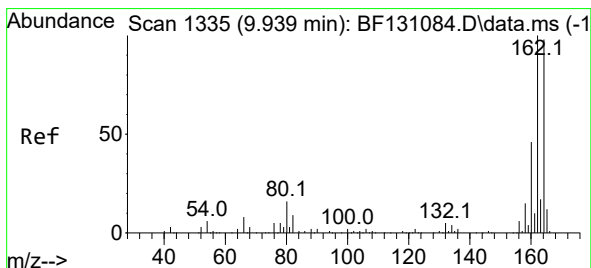
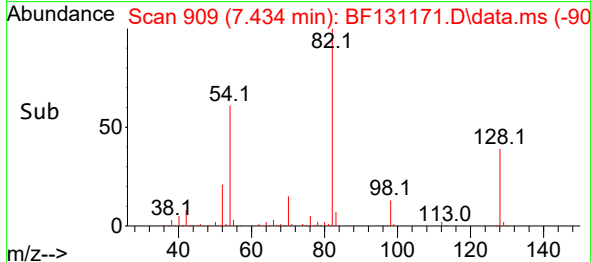
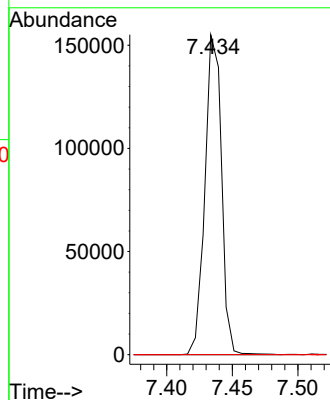
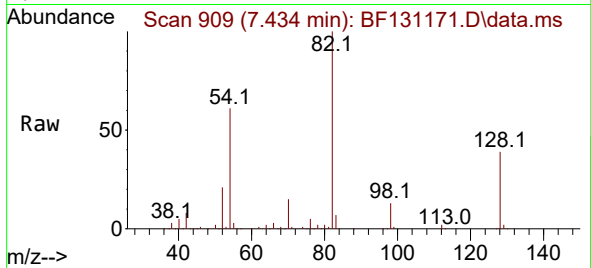




#25
Isophorone
Concen: 16.682 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

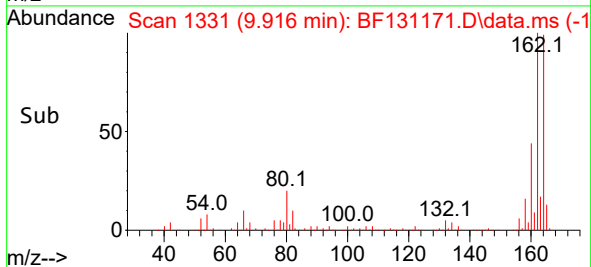
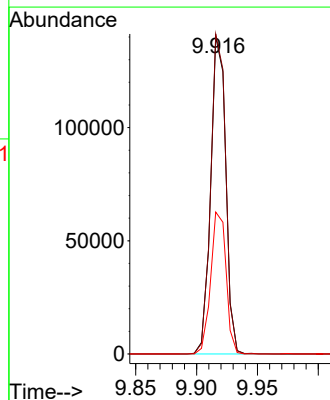
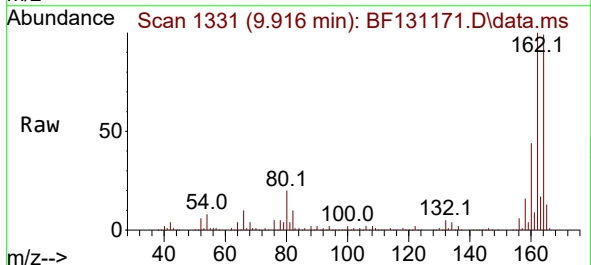
Instrument :
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ClientSampleId :
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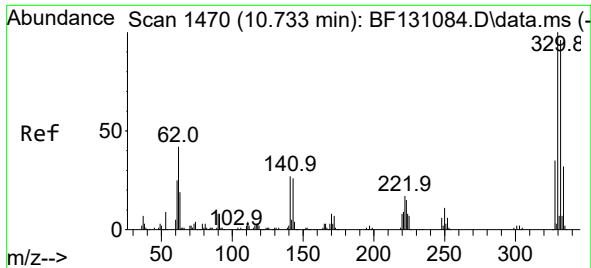
Tgt Ion: 82 Resp: 136996
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion:164 Resp: 120234
Ion Ratio Lower Upper
164 100
162 101.0 81.7 122.5
160 44.8 37.4 56.2

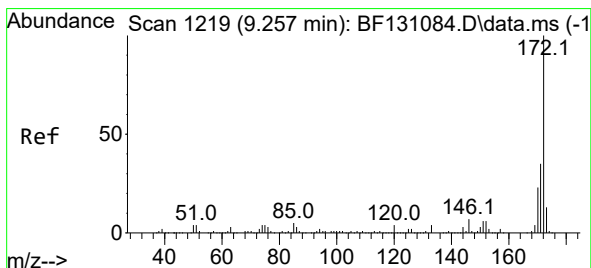
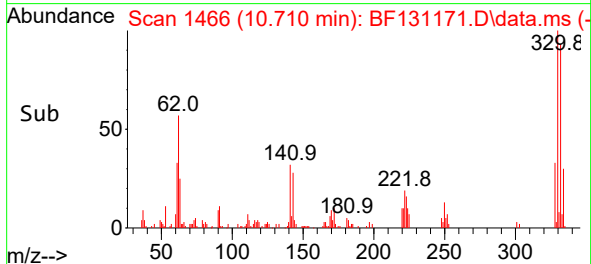
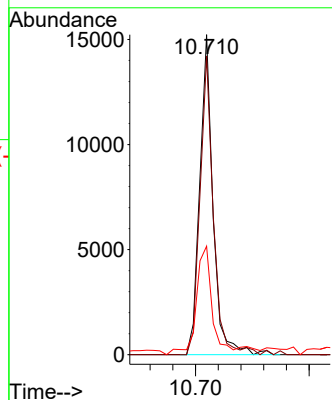
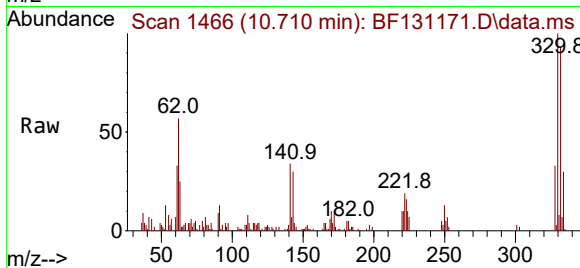




#42
2,4,6-Tribromophenol
Concen: 9.986 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

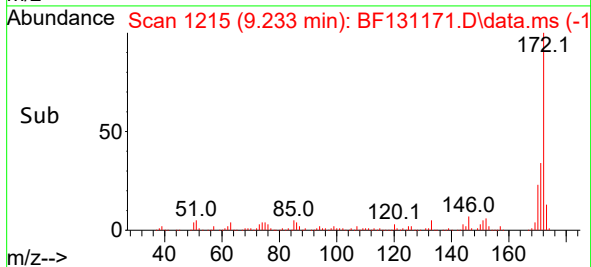
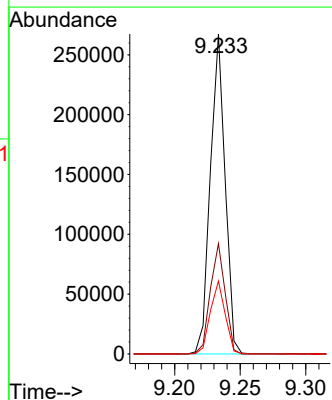
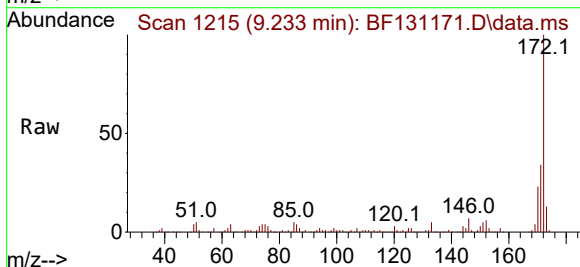
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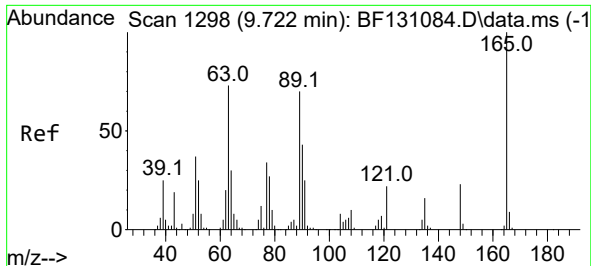
Tgt Ion: 330 Resp: 12409
Ion Ratio Lower Upper
330 100
332 93.6 77.0 115.4
141 40.0 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 24.368 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion: 172 Resp: 209882
Ion Ratio Lower Upper
172 100
171 34.5 27.7 41.5
170 22.8 18.8 28.2

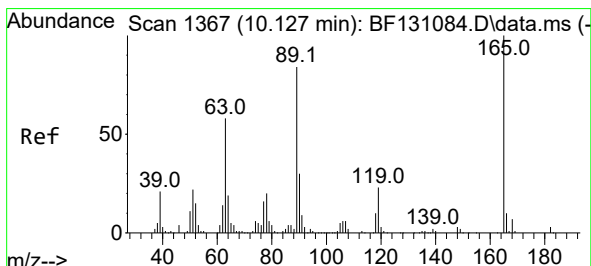
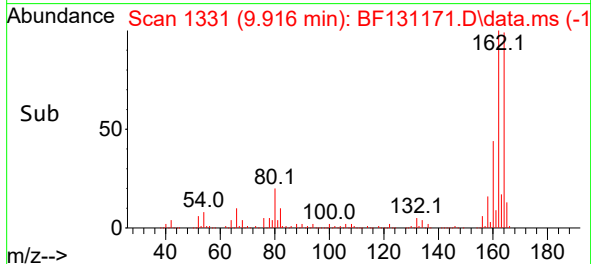
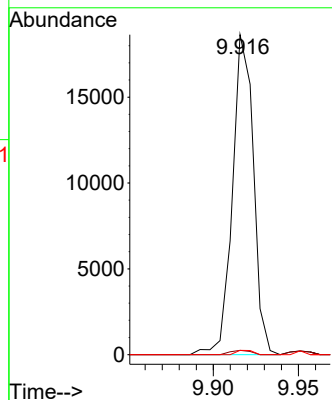
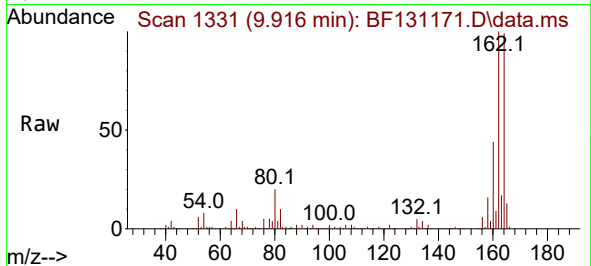




#51
2,6-Dinitrotoluene
Concen: 8.516 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

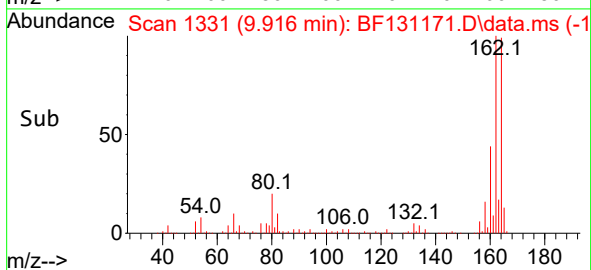
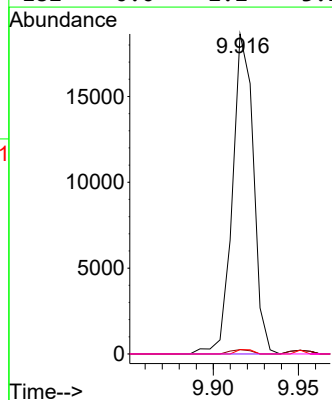
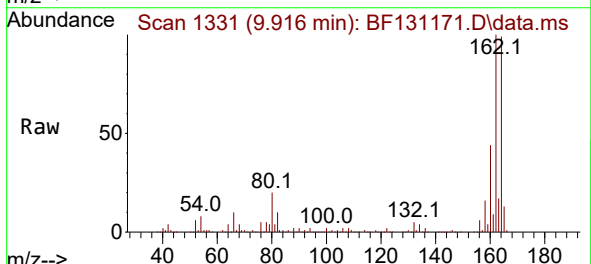
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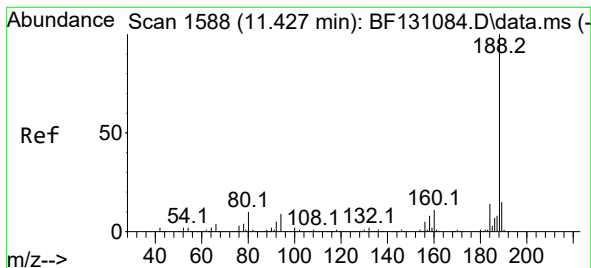
Tgt Ion:165 Resp: 16007
Ion Ratio Lower Upper
165 100
63 1.3 61.4 92.2#
89 1.3 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.407 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.194 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion:165 Resp: 16007
Ion Ratio Lower Upper
165 100
63 1.3 46.9 70.3#
89 1.3 66.9 100.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131171.D

Acq: 12 Nov 2022 00:53

Instrument :

BNA_F

ClientSampleId :

RM-8

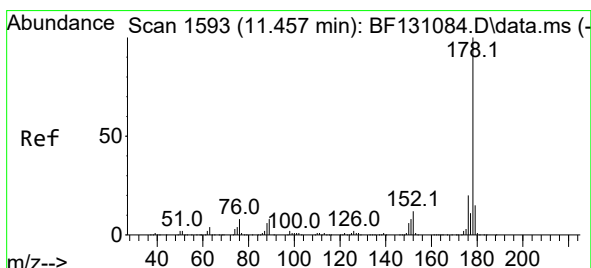
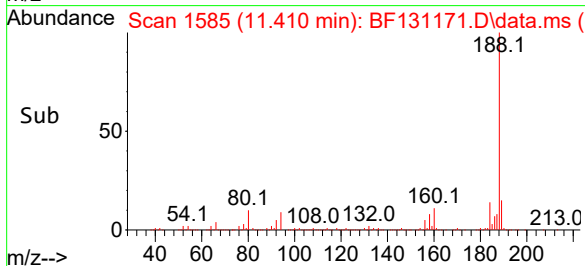
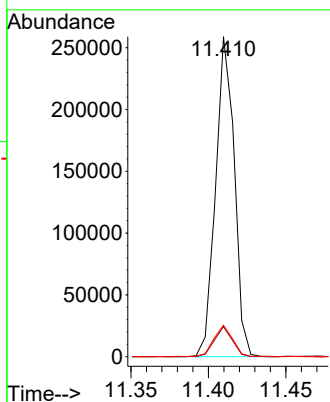
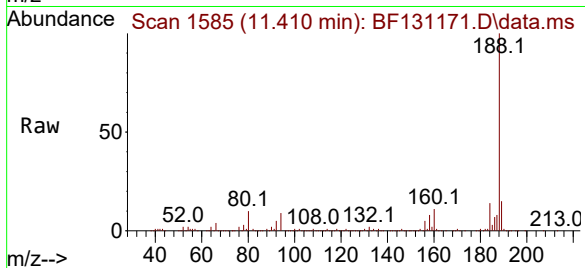
Tgt Ion:188 Resp: 217307

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

80 9.8 7.9 11.9



#71

Phenanthrene

Concen: 2.708 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF131171.D

Acq: 12 Nov 2022 00:53

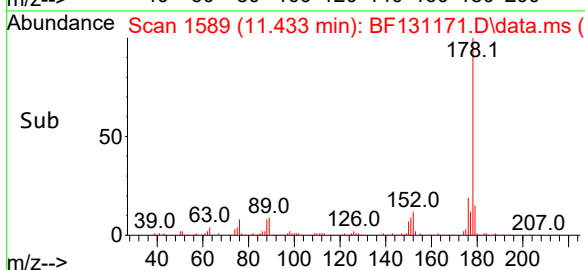
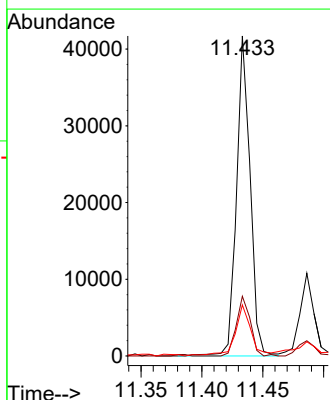
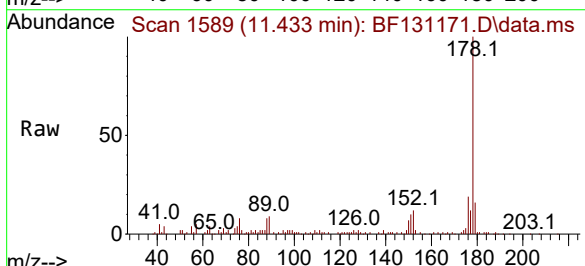
Tgt Ion:178 Resp: 32361

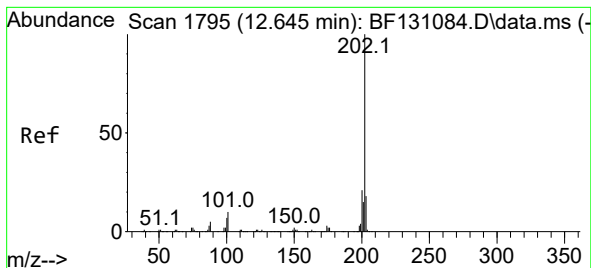
Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

179 16.0 12.2 18.2





#75

Fluoranthene

Concen: 3.622 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131171.D

Acq: 12 Nov 2022 00:53

Instrument :

BNA_F

ClientSampleId :

RM-8

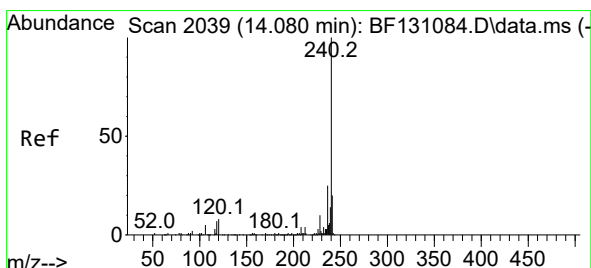
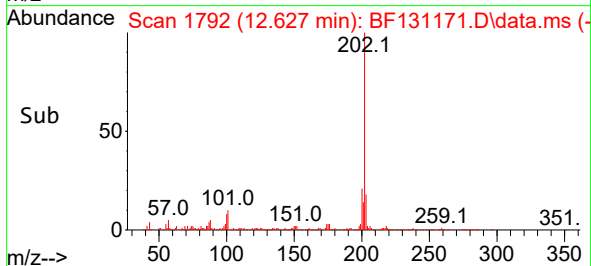
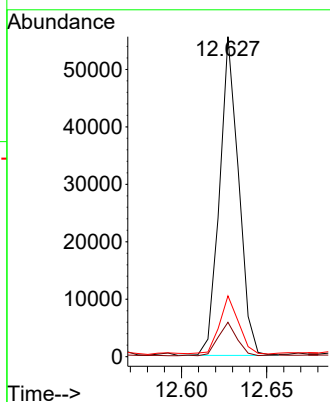
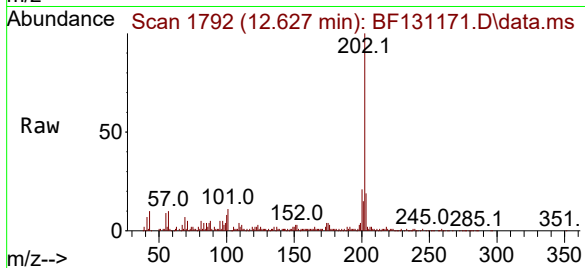
Tgt Ion:202 Resp: 43337

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.0

203 19.0 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2036

Delta R.T. 0.006 min

Lab File: BF131171.D

Acq: 12 Nov 2022 00:53

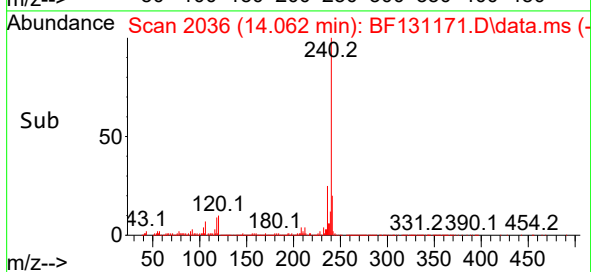
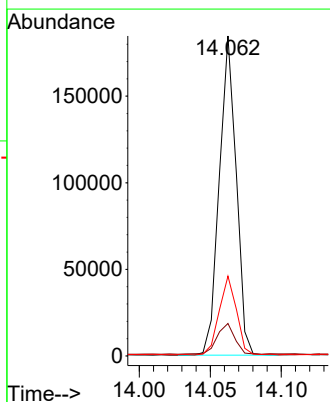
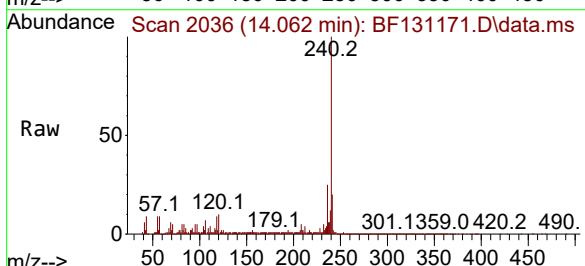
Tgt Ion:240 Resp: 152462

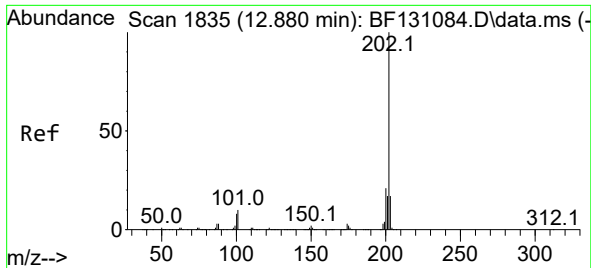
Ion Ratio Lower Upper

240 100

120 10.1 6.5 9.7#

236 25.0 19.7 29.5

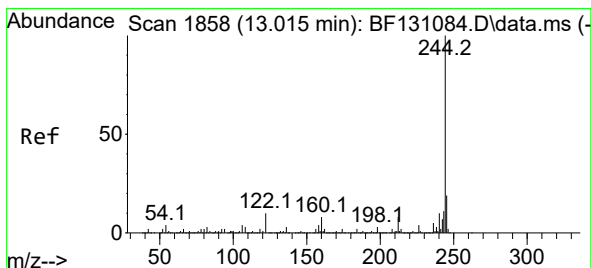
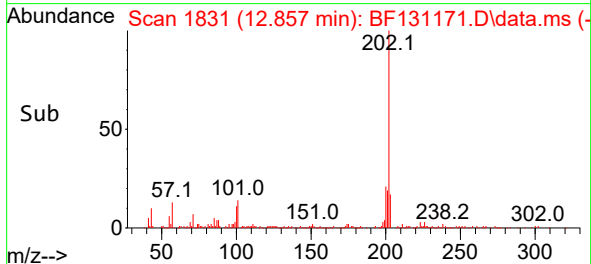
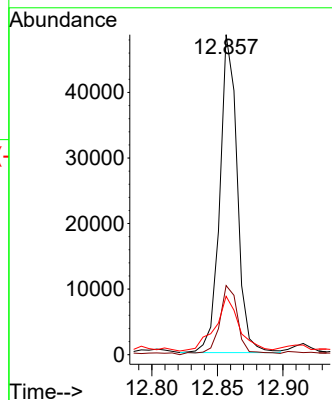
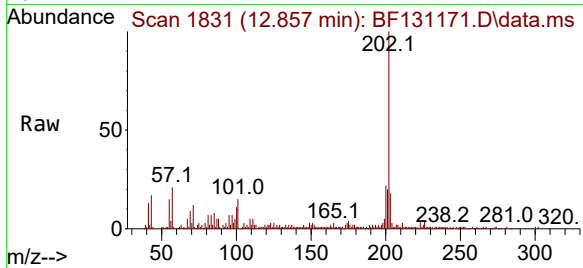




#78
Pyrene
Concen: 3.415 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

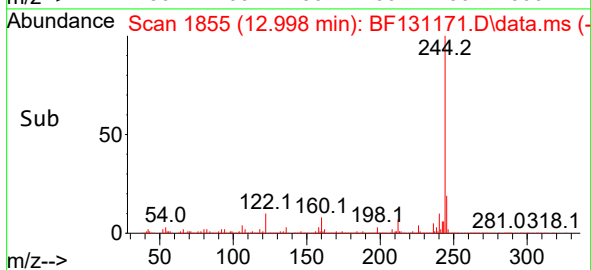
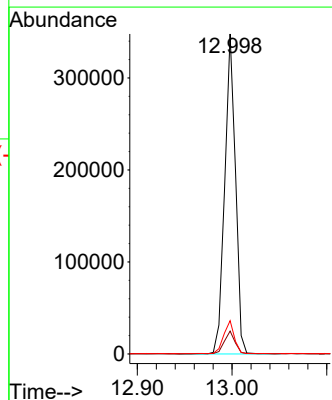
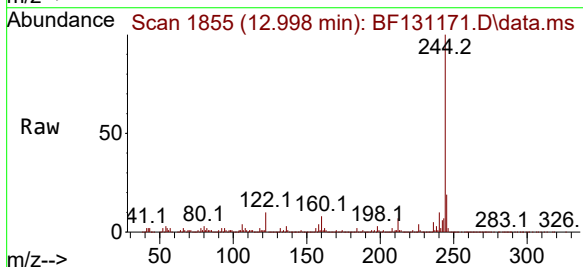
Instrument :
BNA_F
ClientSampleId :
RM-8

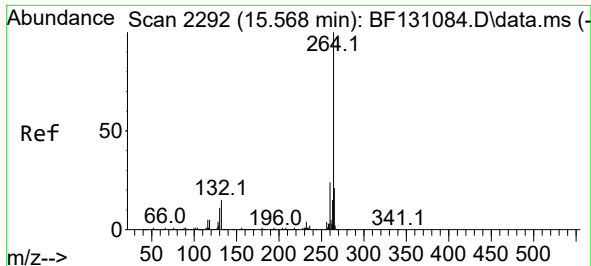
Tgt Ion:202 Resp: 44670
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 18.2 13.6 20.4



#79
Terphenyl-d14
Concen: 31.724 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion:244 Resp: 275857
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 10.4 7.8 11.8

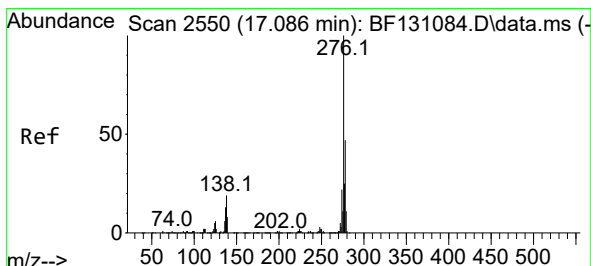
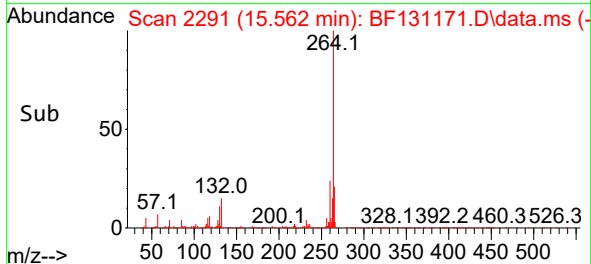
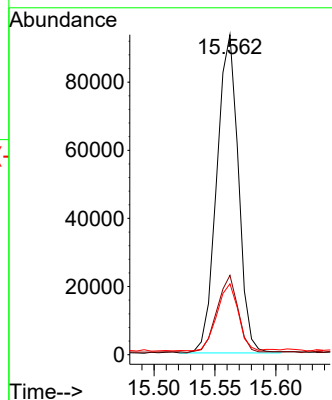
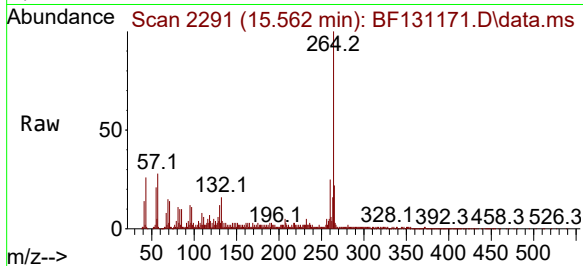




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

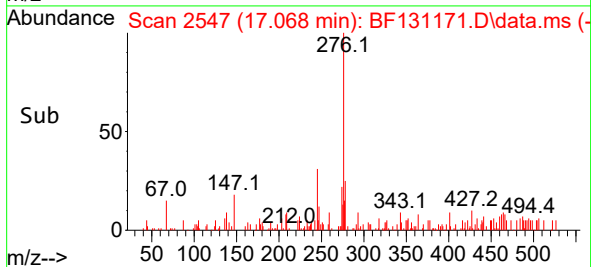
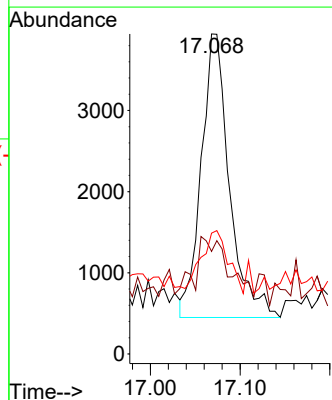
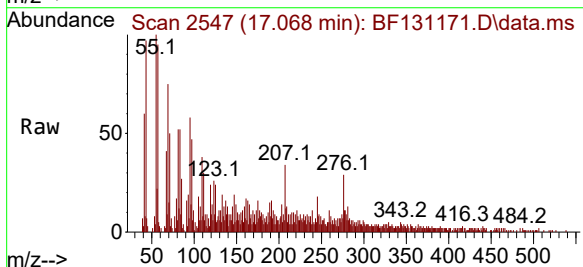
Instrument :
BNA_F
ClientSampleId :
RM-8

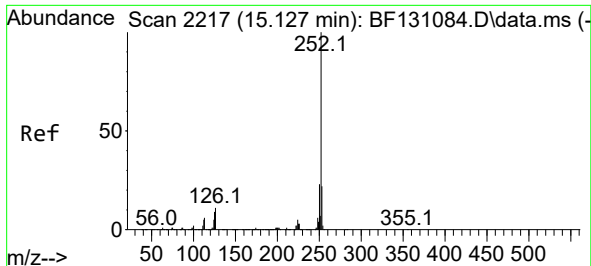
Tgt Ion:264 Resp: 115344
Ion Ratio Lower Upper
264 100
260 24.8 19.1 28.7
265 22.2 16.7 25.1



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.607 ng
RT: 17.068 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion:276 Resp: 7617
Ion Ratio Lower Upper
276 100
138 23.9 16.9 25.3
277 21.1 20.3 30.5

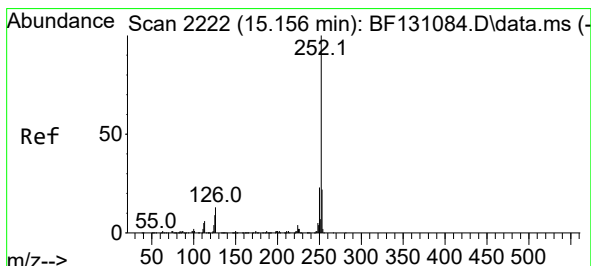
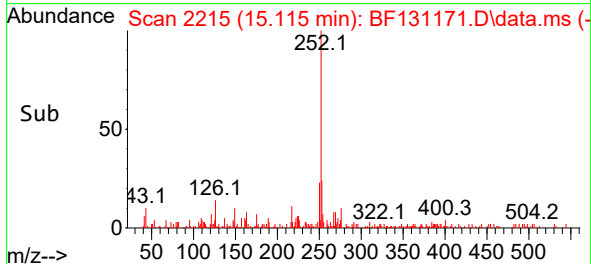
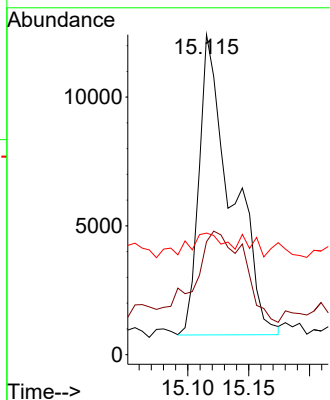
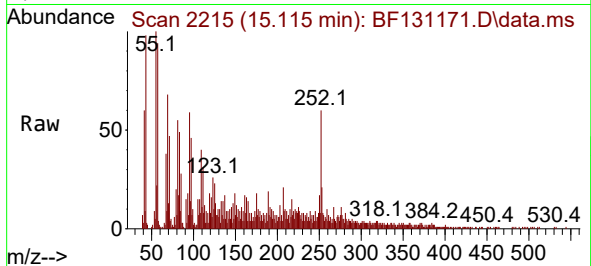




#88
Benzo(b)fluoranthene
Concen: 2.654 ng
RT: 15.115 min Scan# 2215
Delta R.T. 0.012 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

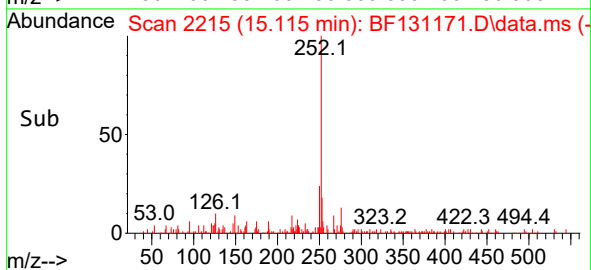
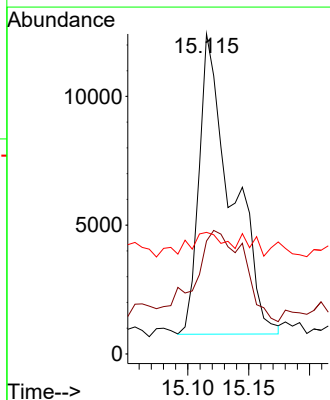
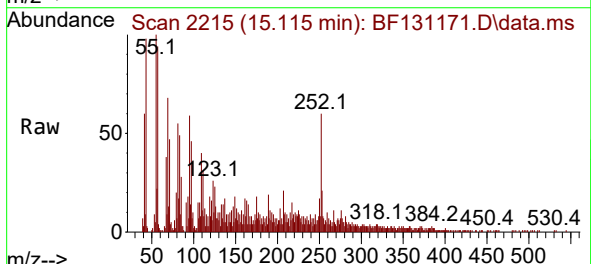
Instrument :
BNA_F
ClientSampleId :
RM-8

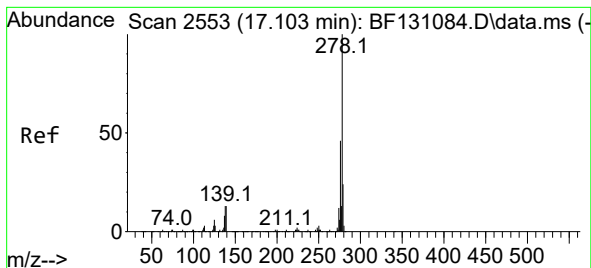
Tgt Ion:252 Resp: 21640
Ion Ratio Lower Upper
252 100
253 35.3 17.3 25.9#
125 38.0 7.2 10.8#



#89
Benzo(k)fluoranthene
Concen: 2.761 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.024 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion:252 Resp: 21640
Ion Ratio Lower Upper
252 100
253 35.3 17.6 26.4#
125 38.0 7.5 11.3#





#91

Dibenzo(a,h)anthracene

Concen: 4.214 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131171.D

Acq: 12 Nov 2022 00:53

Instrument :

BNA_F

ClientSampleId :

RM-8

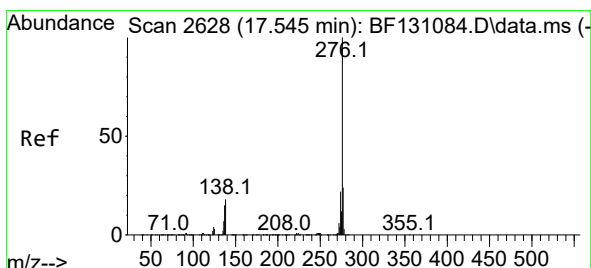
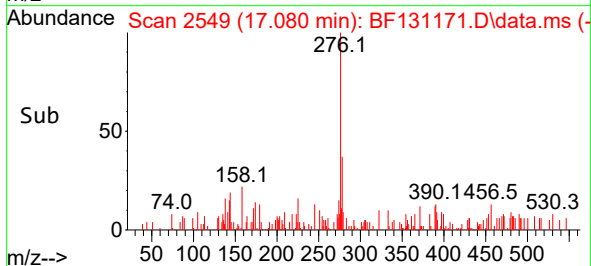
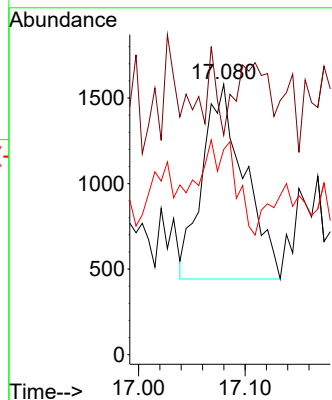
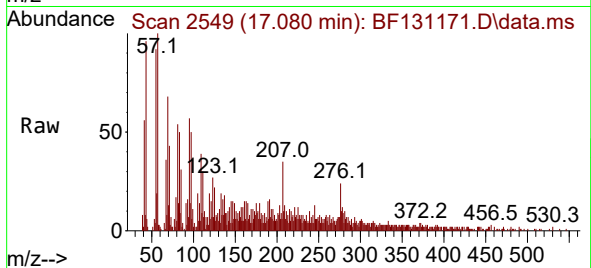
Tgt Ion:278 Resp: 3115

Ion Ratio Lower Upper

278 100

139 81.2 10.8 16.2#

279 75.9 19.2 28.8#



#92

Benzo(g,h,i)perylene

Concen: 5.180 ng

RT: 17.533 min Scan# 2626

Delta R.T. 0.017 min

Lab File: BF131171.D

Acq: 12 Nov 2022 00:53

Tgt Ion:276 Resp: 7265

Ion Ratio Lower Upper

276 100

277 49.6 19.0 28.4#

138 34.3 14.6 21.8#

