

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131701.D
 Acq On : 19 Dec 2022 21:44
 Operator : CG\JU
 Sample : N6091-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-121522

Quant Time: Dec 20 01:07:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 00:23:43 2022
 Response via : Initial Calibration

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

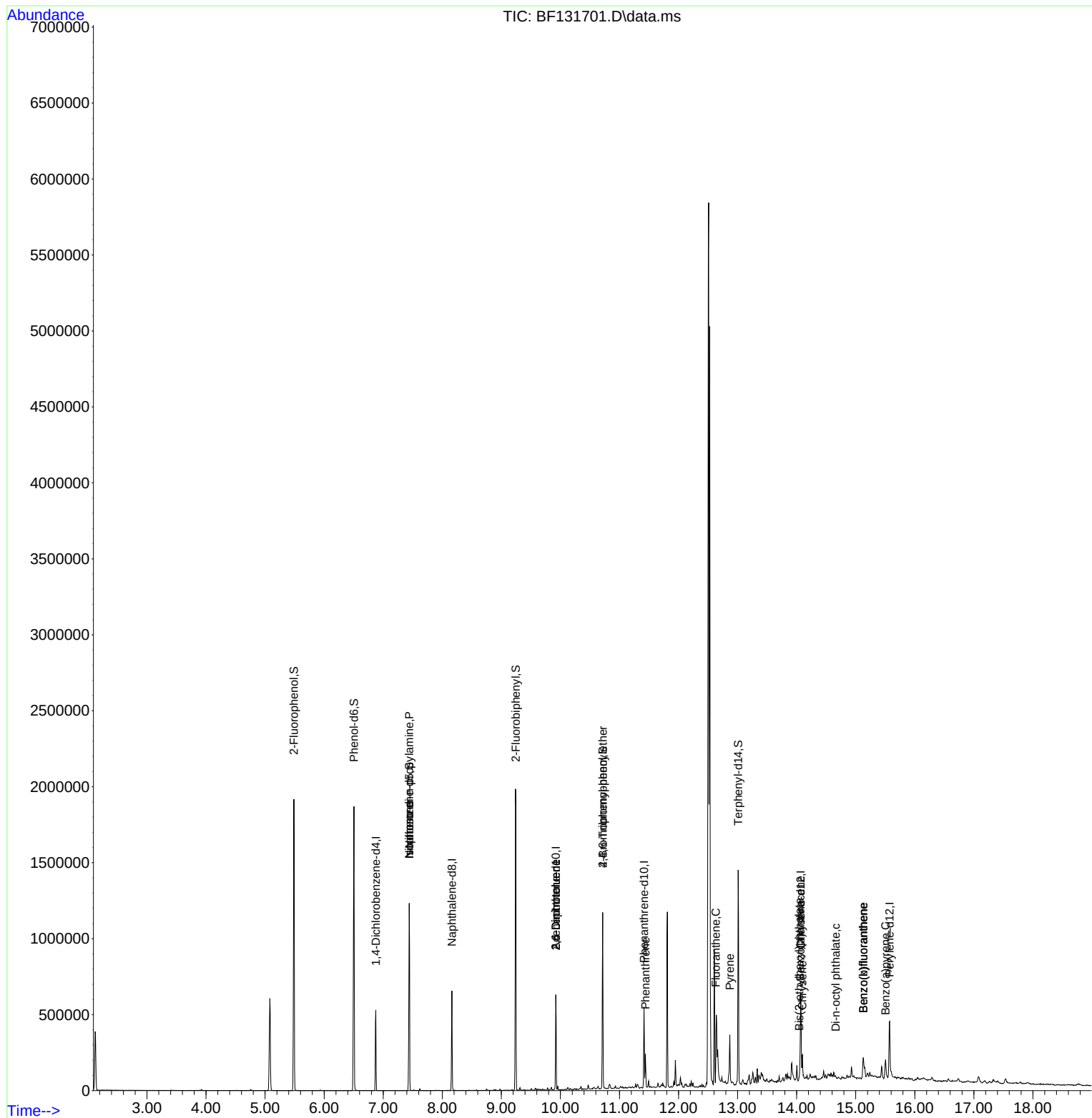
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69101	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	233214	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	112646	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	176722	20.000	ng	0.00
76) Chrysene-d12	14.069	240	160189	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	180425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	476720	115.093	ng	0.00
7) Phenol-d6	6.504	99	586796	108.108	ng	0.00
23) Nitrobenzene-d5	7.440	82	414766	67.239	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	109895	87.808	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	594665	66.562	ng	0.00
79) Terphenyl-d14	13.010	244	455366	38.985	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	57191	14.052	ng	# 76
25) Isophorone	7.440	82	413172	41.583	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	14659	8.269	ng	# 11
57) 2,4-Dinitrotoluene	9.922	165	14659	6.233	ng	# 17
67) 4-Bromophenyl-phenylether	10.716	248	7675	3.376	ng	# 1
71) Phenanthrene	11.439	178	71090	7.217	ng	98
75) Fluoranthene	12.633	202	133555	13.167	ng	97
78) Pyrene	12.869	202	122815	7.775	ng	99
81) Benzo(a)anthracene	14.063	228	66897	5.783	ng	97
83) Chrysene	14.098	228	65040	5.914	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	6880	4.067	ng	# 96
85) Di-n-octyl phthalate	14.663	149	402	5.254	ng	# 1
88) Benzo(b)fluoranthene	15.127	252	106308	8.940	ng	98
89) Benzo(k)fluoranthene	15.127	252	106308	8.565	ng	# 97
90) Benzo(a)pyrene	15.504	252	58098	5.725	ng	# 98

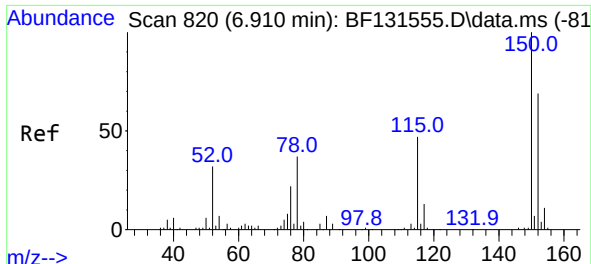
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
Data File : BF131701.D
Acq On : 19 Dec 2022 21:44
Operator : CG\JU
Sample : N6091-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-121522

Quant Time: Dec 20 01:07:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 00:23:43 2022
Response via : Initial Calibration

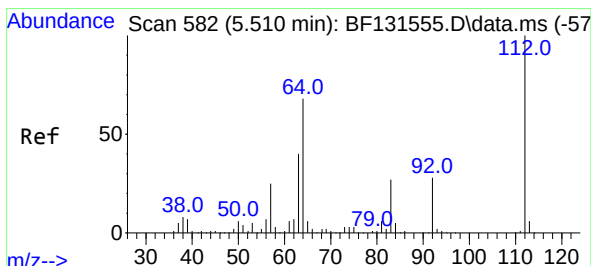
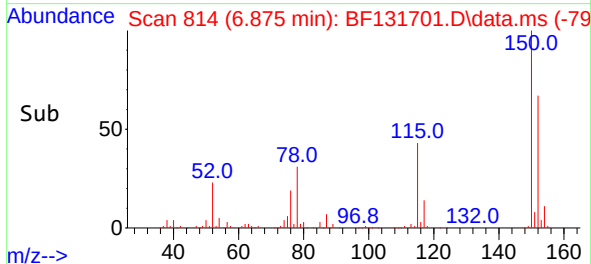
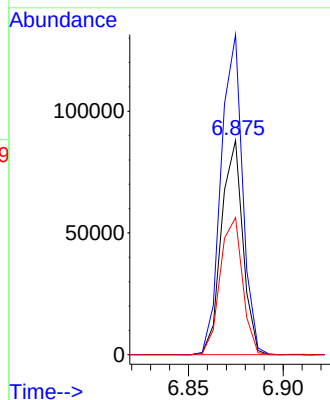
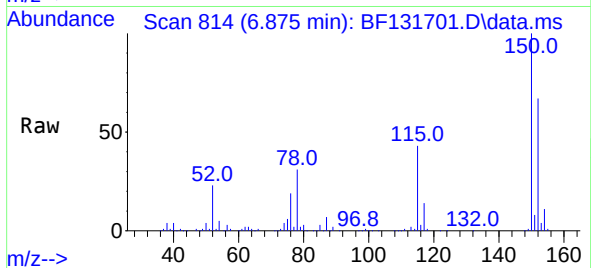




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

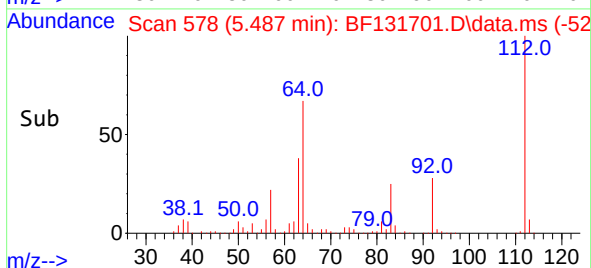
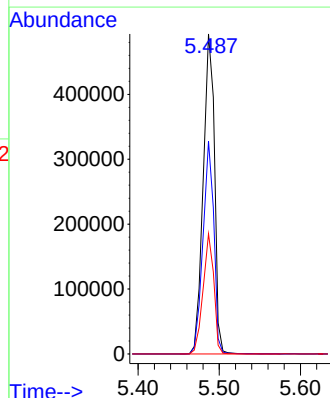
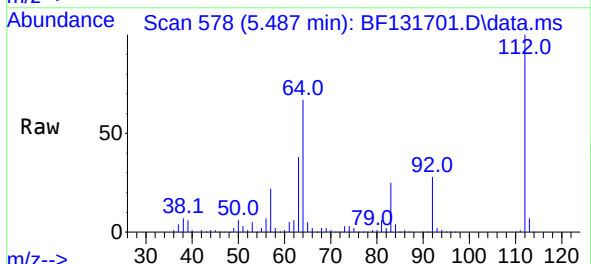
Instrument :
BNA_F
ClientSampleId :
BU-03-121522

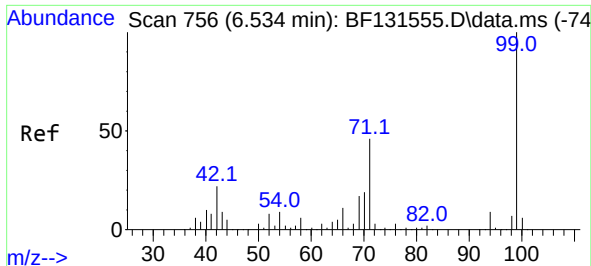
Tgt Ion:152 Resp: 69101
Ion Ratio Lower Upper
152 100
150 149.3 116.7 175.1
115 64.0 54.6 82.0



#5
2-Fluorophenol
Concen: 115.093 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Tgt Ion:112 Resp: 476720
Ion Ratio Lower Upper
112 100
64 66.5 54.5 81.7
63 37.6 31.9 47.9

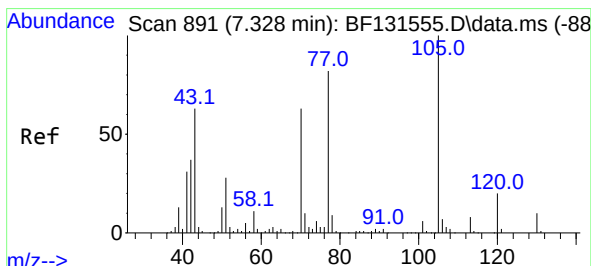
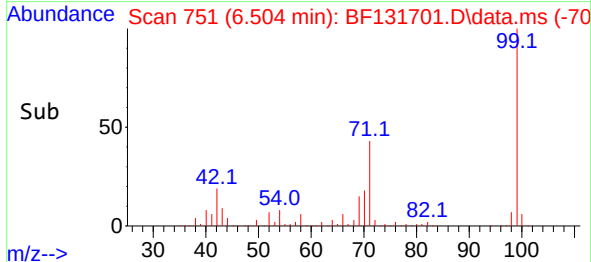
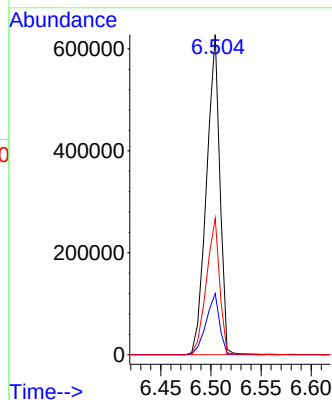
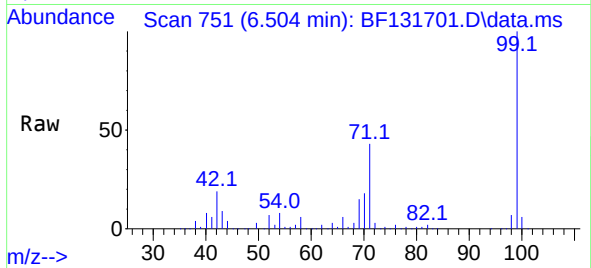




#7
Phenol-d6
Concen: 108.108 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

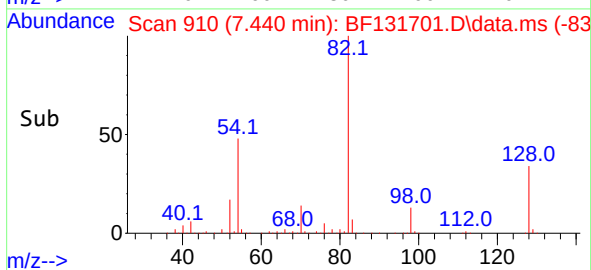
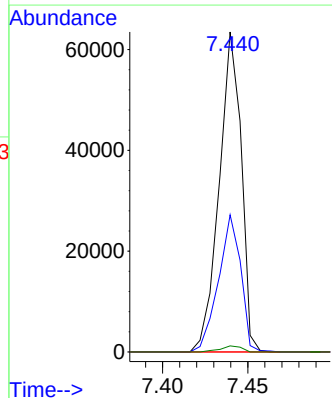
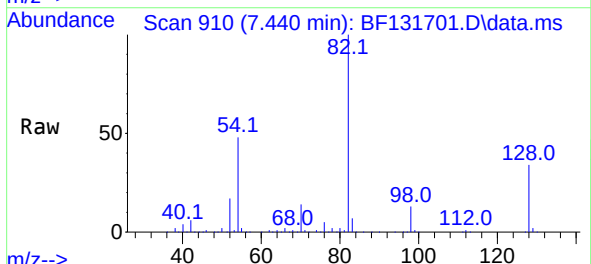
Instrument :
BNA_F
ClientSampleId :
BU-03-121522

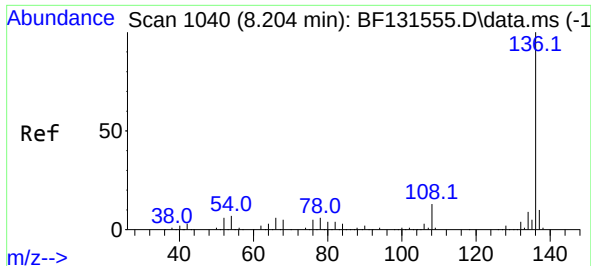
Tgt Ion: 99 Resp: 586796
Ion Ratio Lower Upper
99 100
42 19.1 17.9 26.9
71 42.7 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.052 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Tgt Ion: 70 Resp: 57191
Ion Ratio Lower Upper
70 100
42 42.9 46.4 69.6#
101 0.0 7.2 10.8#
130 1.9 13.3 19.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131701.D

Acq: 19 Dec 2022 21:44

Instrument :

BNA_F

ClientSampleId :

BU-03-121522

Tgt Ion:136 Resp: 233214

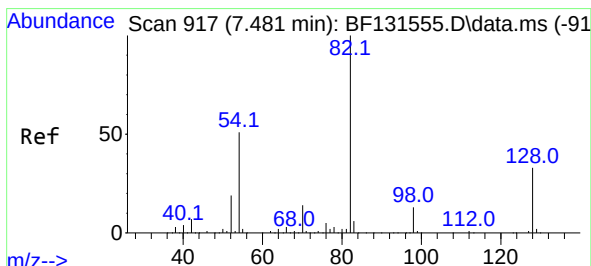
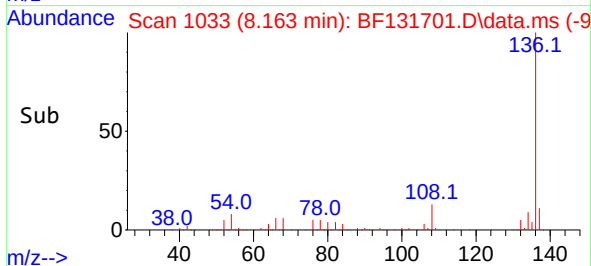
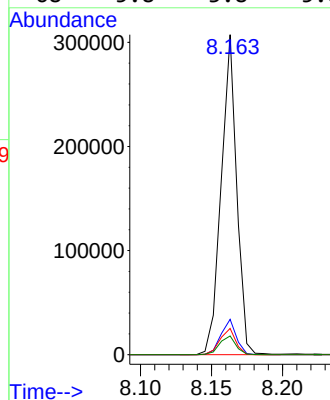
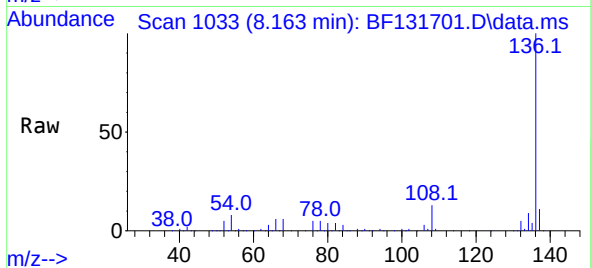
Ion Ratio Lower Upper

136 100

137 11.1 8.1 12.1

54 8.2 6.0 9.0

68 5.8 3.8 5.8#



#23

Nitrobenzene-d5

Concen: 67.239 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF131701.D

Acq: 19 Dec 2022 21:44

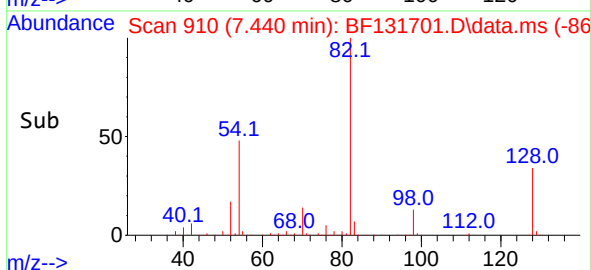
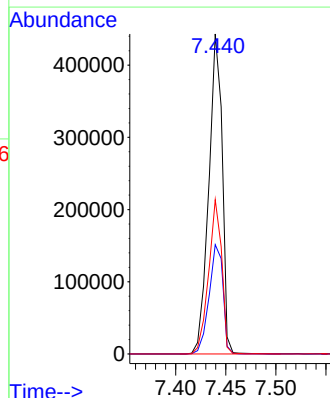
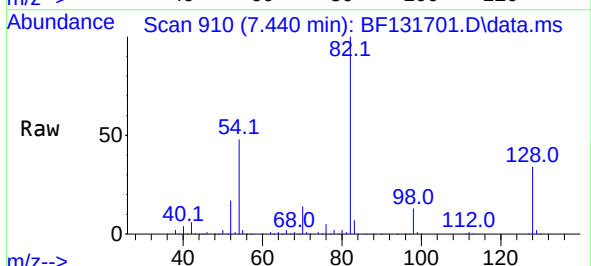
Tgt Ion: 82 Resp: 414766

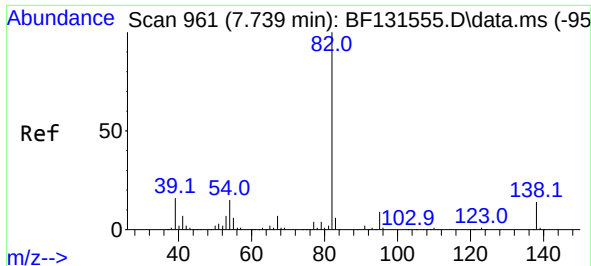
Ion Ratio Lower Upper

82 100

128 34.1 26.1 39.1

54 48.2 40.6 60.8

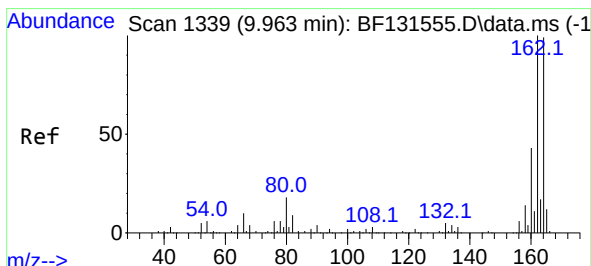
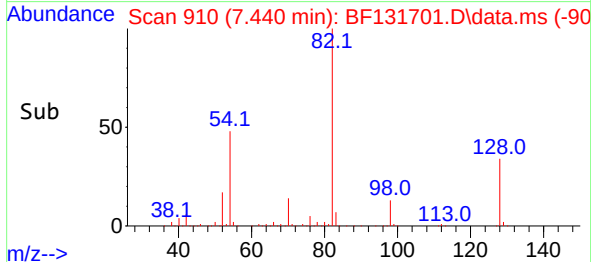
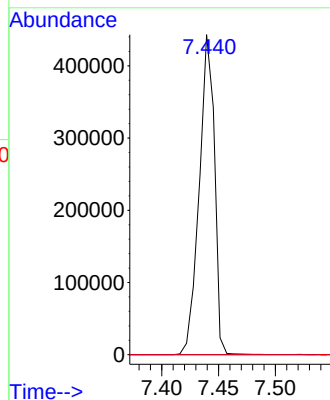
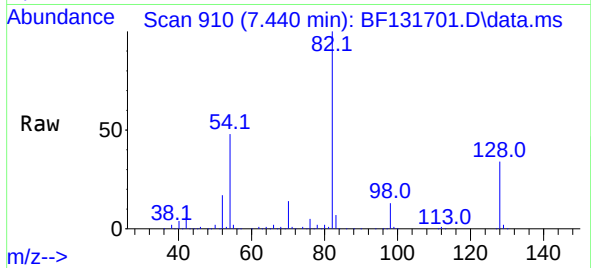




#25
Isophorone
Concen: 41.583 ng
RT: 7.440 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

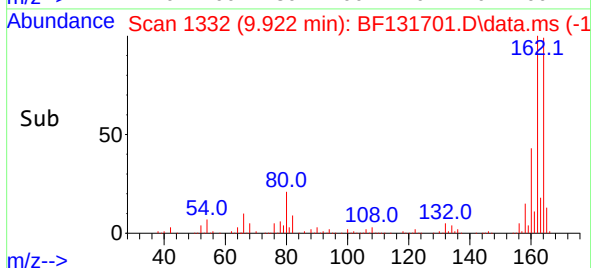
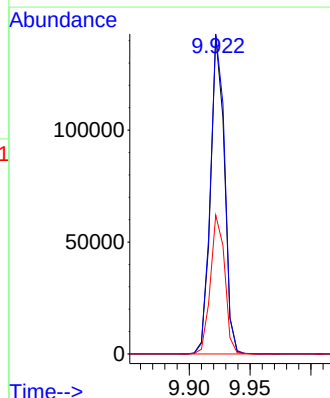
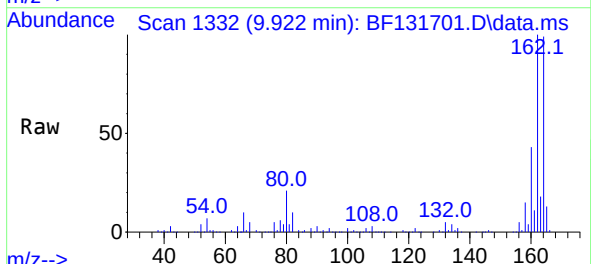
Instrument :
BNA_F
ClientSampleId :
BU-03-121522

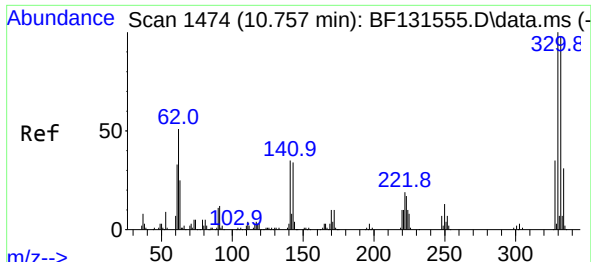
Tgt Ion: 82 Resp: 413172
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Tgt Ion:164 Resp: 112646
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.6
160 43.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 87.808 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF131701.D

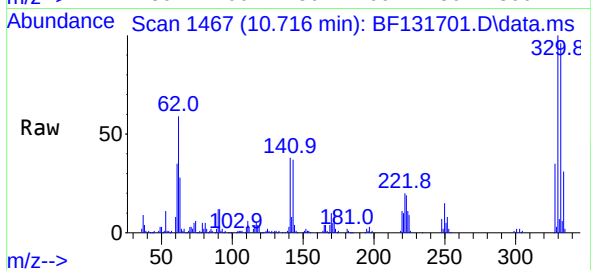
Acq: 19 Dec 2022 21:44

Instrument :

BNA_F

ClientSampleId :

BU-03-121522



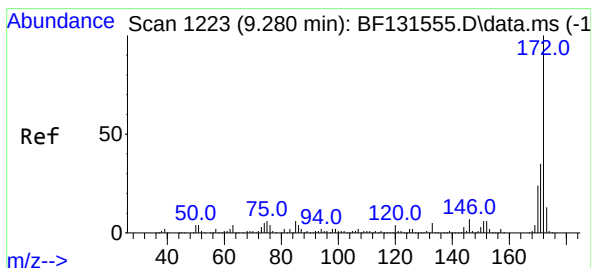
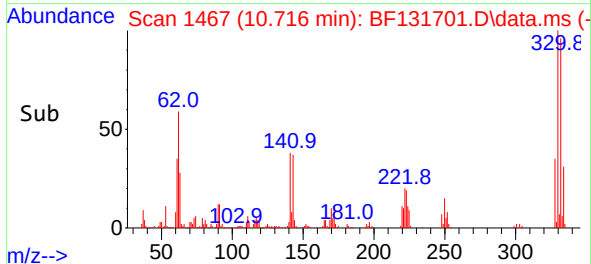
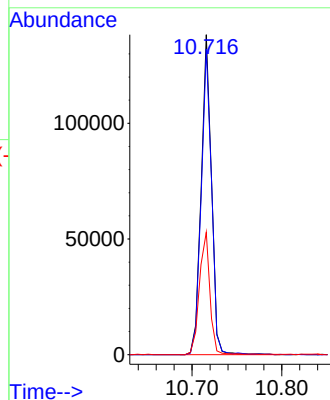
Tgt Ion:330 Resp: 109895

Ion Ratio Lower Upper

330 100

332 96.3 78.3 117.5

141 39.4 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 66.562 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF131701.D

Acq: 19 Dec 2022 21:44

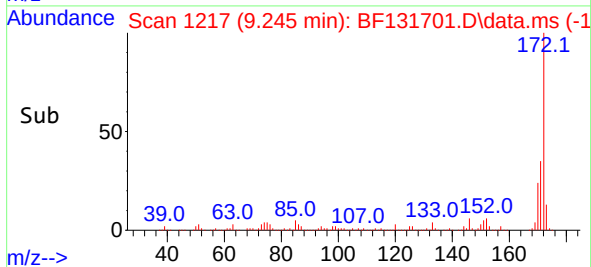
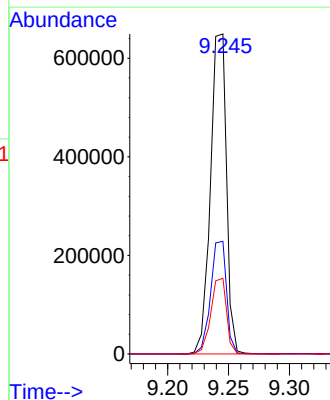
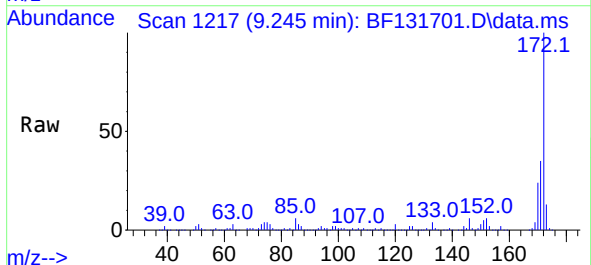
Tgt Ion:172 Resp: 594665

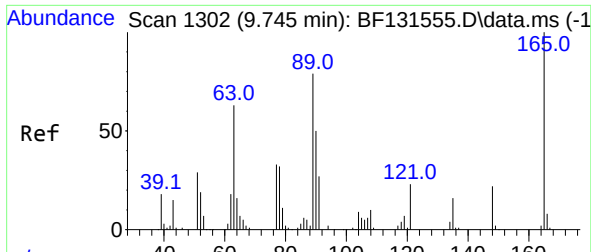
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.7 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 8.269 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.212 min

Lab File: BF131701.D

Acq: 19 Dec 2022 21:44

Instrument :

BNA_F

ClientSampleId :

BU-03-121522

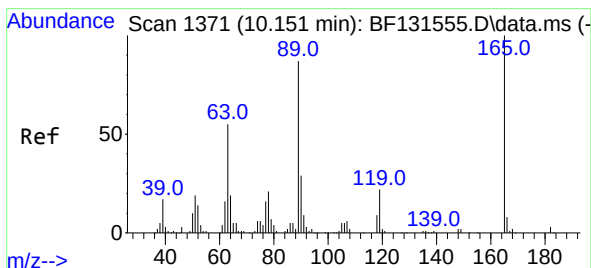
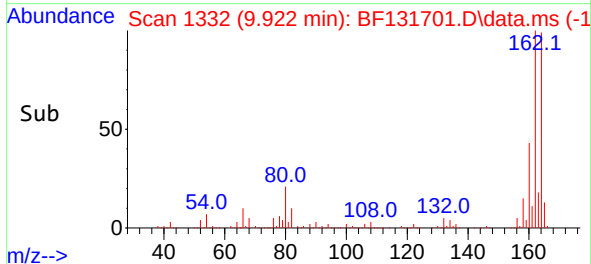
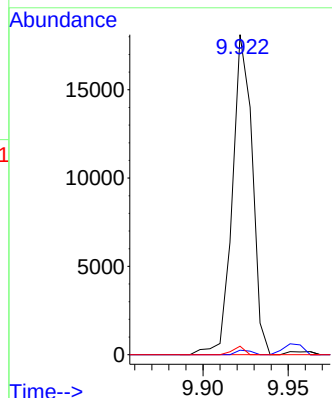
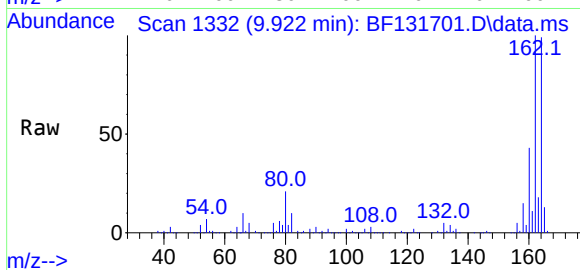
Tgt Ion:165 Resp: 14659

Ion Ratio Lower Upper

165 100

63 1.4 67.9 101.9#

89 2.6 63.2 94.8#



#57

2,4-Dinitrotoluene

Concen: 6.233 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.194 min

Lab File: BF131701.D

Acq: 19 Dec 2022 21:44

Tgt Ion:165 Resp: 14659

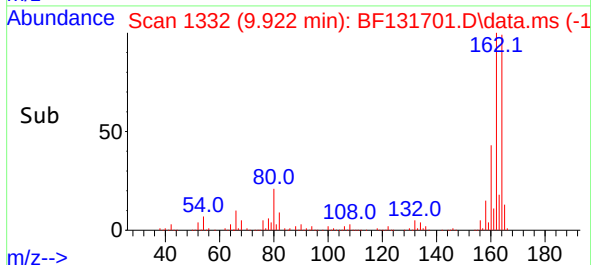
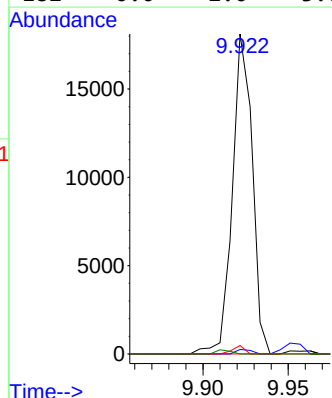
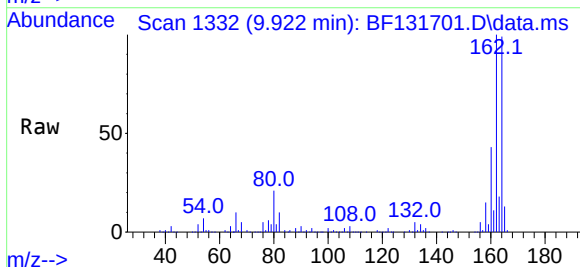
Ion Ratio Lower Upper

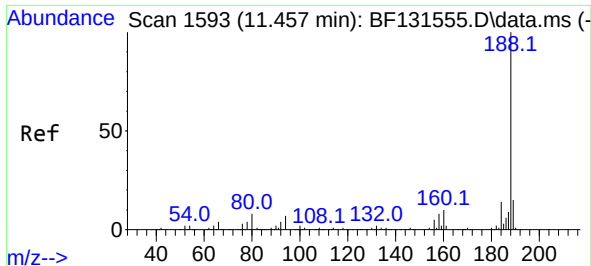
165 100

63 1.4 44.4 66.6#

89 2.6 69.6 104.4#

182 0.0 2.0 3.0#

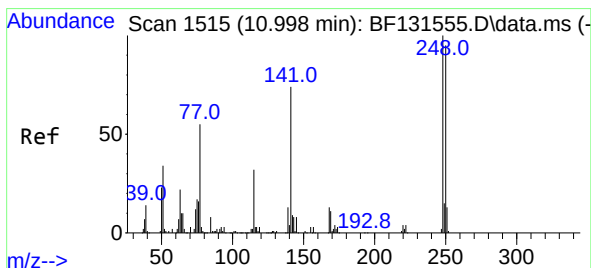
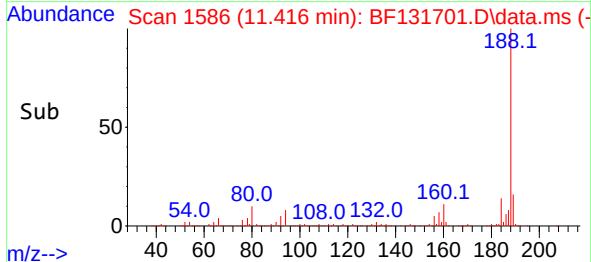
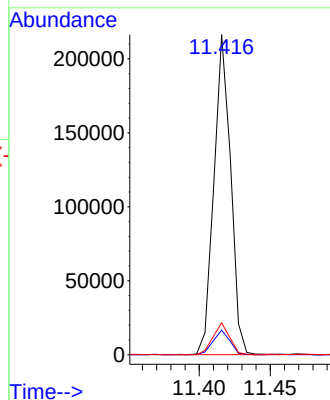
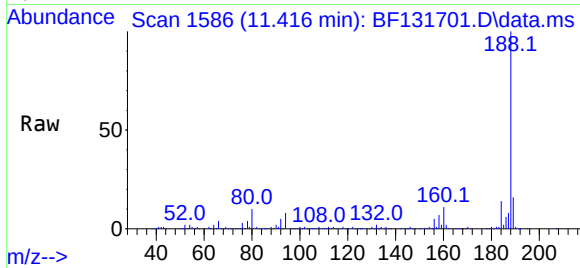




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

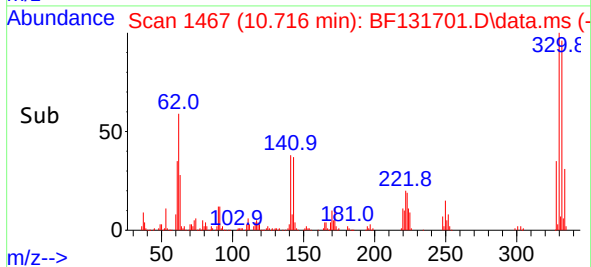
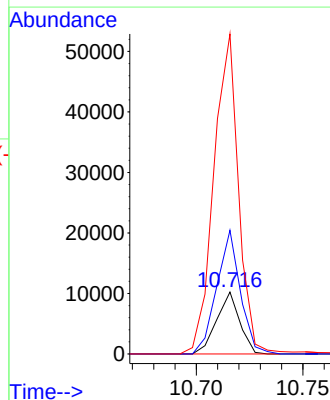
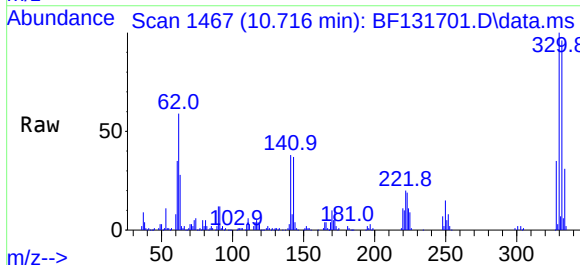
Instrument :
BNA_F
ClientSampleId :
BU-03-121522

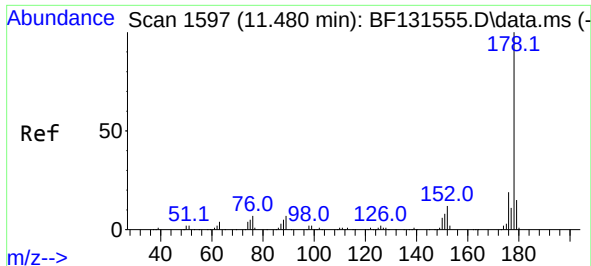
Tgt Ion:188 Resp: 176722
Ion Ratio Lower Upper
188 100
94 7.6 5.5 8.3
80 9.9 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.376 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Tgt Ion:248 Resp: 7675
Ion Ratio Lower Upper
248 100
250 199.9 76.2 114.2#
141 517.3 59.5 89.3#

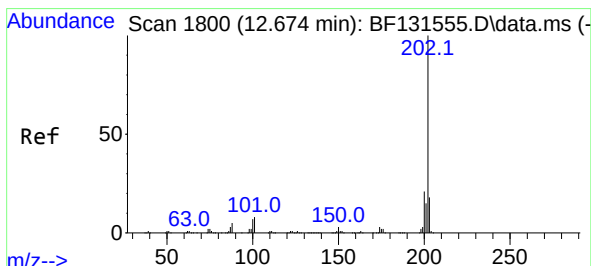
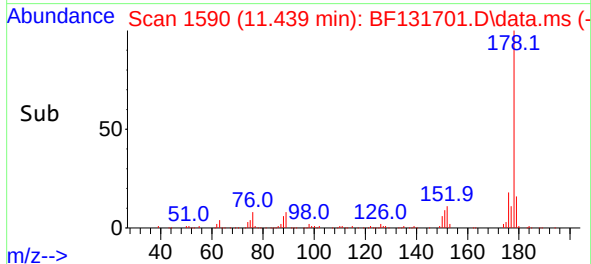
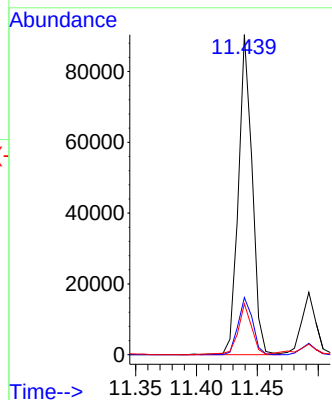
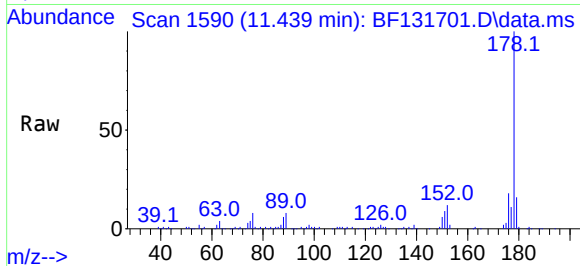




#71
Phenanthrene
Concen: 7.217 ng
RT: 11.439 min Scan# 11793
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

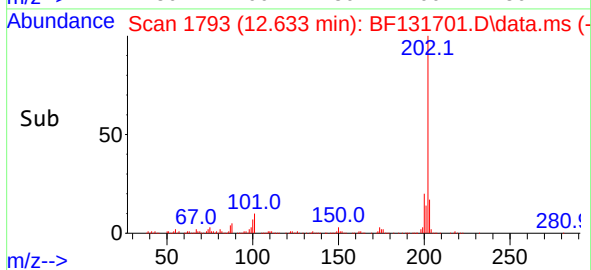
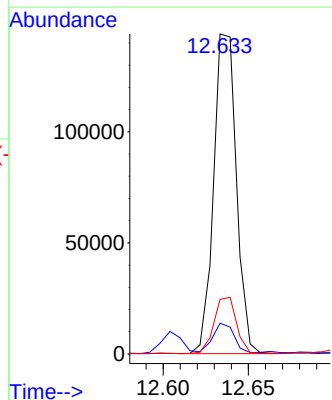
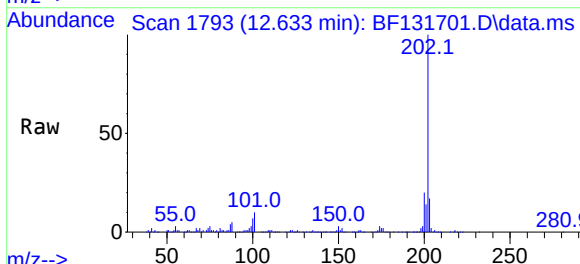
Instrument :
BNA_F
ClientSampleId :
BU-03-121522

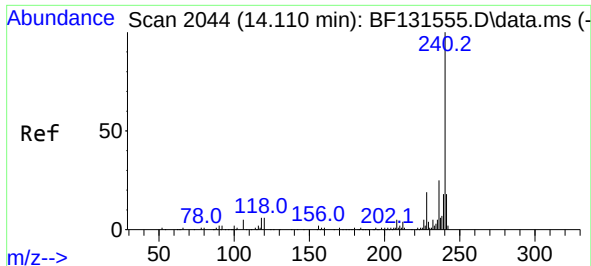
Tgt Ion:178 Resp: 71090
Ion Ratio Lower Upper
178 100
176 17.9 15.4 23.0
179 15.9 12.2 18.4



#75
Fluoranthene
Concen: 13.167 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Tgt Ion:202 Resp: 133555
Ion Ratio Lower Upper
202 100
101 9.6 0.0 27.7
203 17.1 0.0 37.7

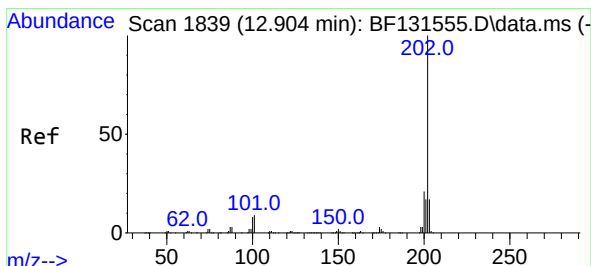
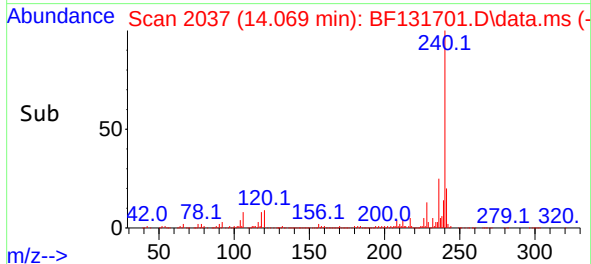
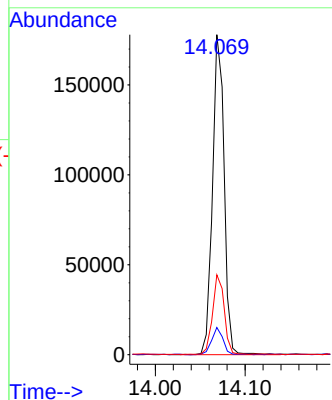
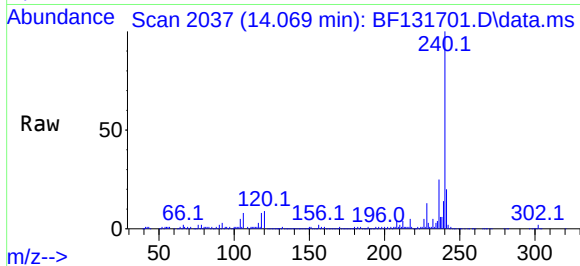




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

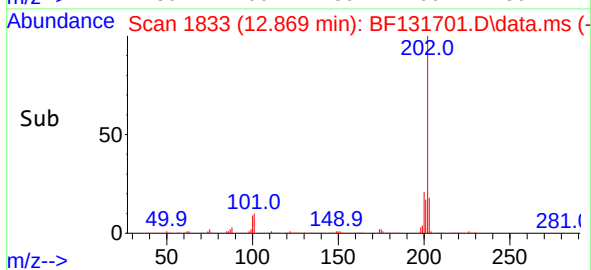
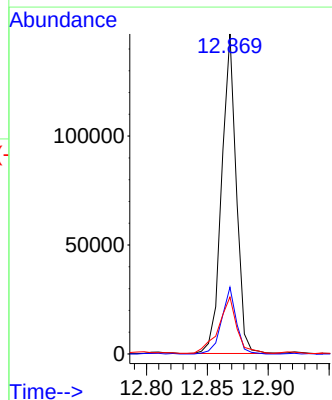
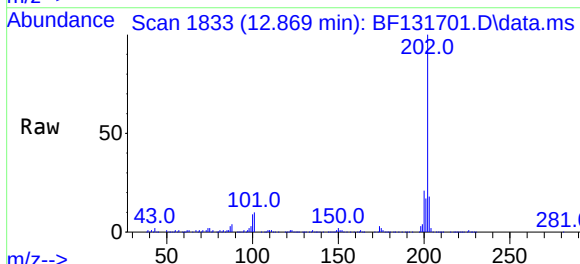
Instrument :
BNA_F
ClientSampleId :
BU-03-121522

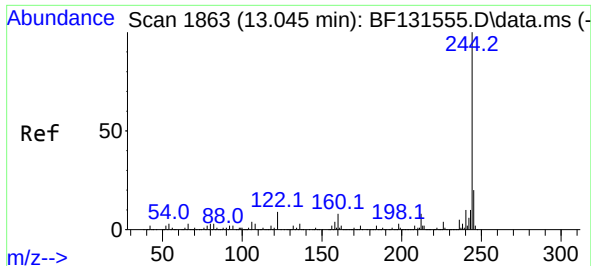
Tgt Ion:240 Resp: 160189
Ion Ratio Lower Upper
240 100
120 8.5 4.6 7.0#
236 25.0 20.2 30.2



#78
Pyrene
Concen: 7.775 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Tgt Ion:202 Resp: 122815
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.8 13.8 20.6

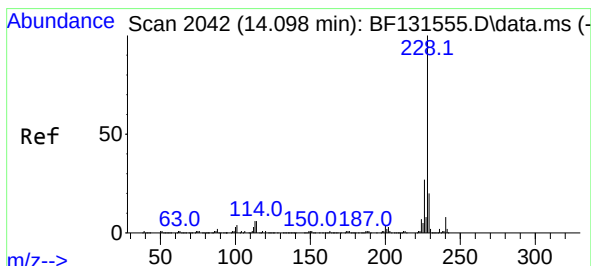
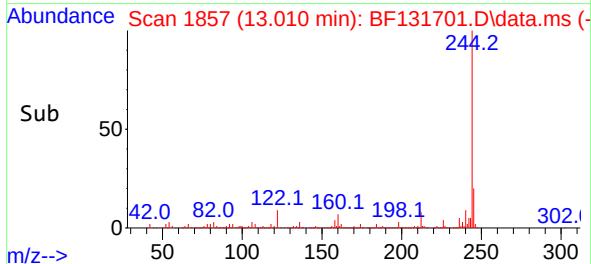
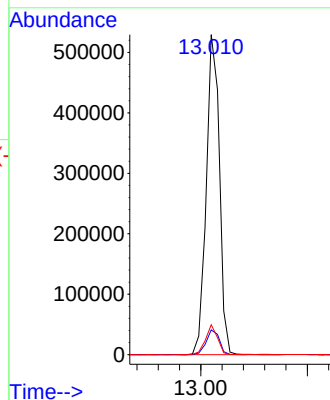
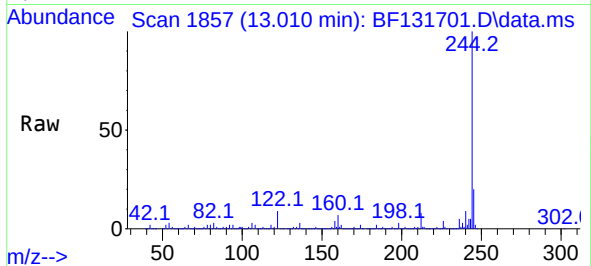




#79
 Terphenyl-d14
 Concen: 38.985 ng
 RT: 13.010 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131701.D
 Acq: 19 Dec 2022 21:44

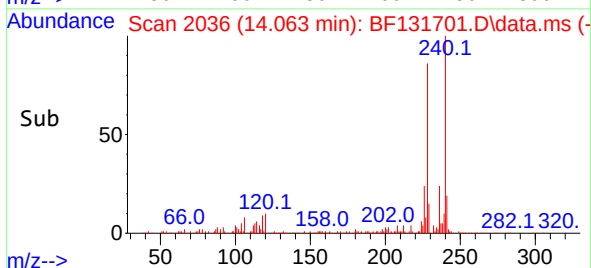
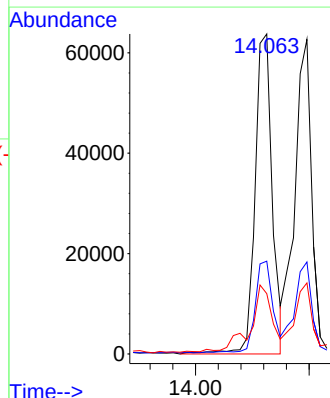
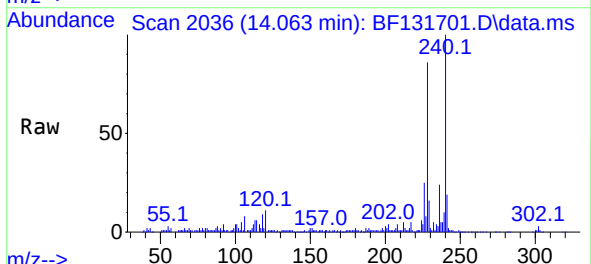
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-121522

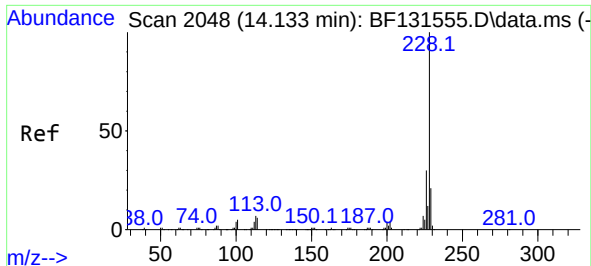
Tgt Ion:244 Resp: 455366
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.4 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 5.783 ng
 RT: 14.063 min Scan# 2036
 Delta R.T. 0.000 min
 Lab File: BF131701.D
 Acq: 19 Dec 2022 21:44

Tgt Ion:228 Resp: 66897
 Ion Ratio Lower Upper
 228 100
 226 29.0 21.5 32.3
 229 18.9 15.8 23.6

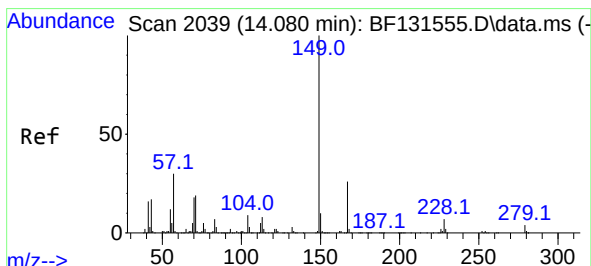
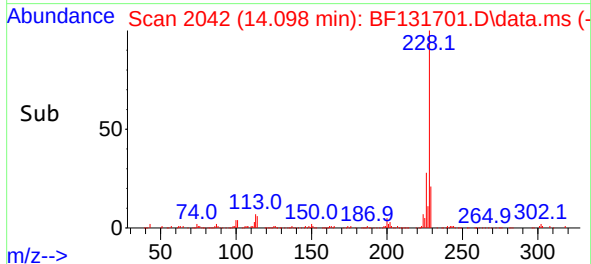
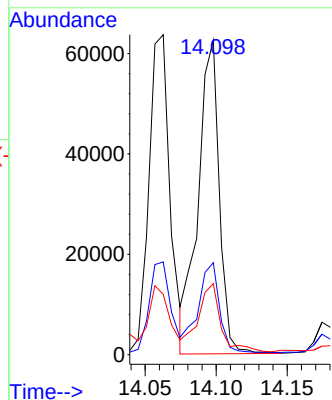
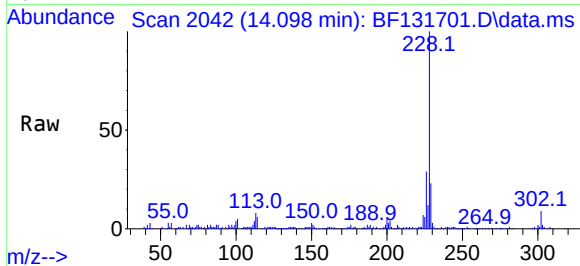




#83
Chrysene
Concen: 5.914 ng
RT: 14.098 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

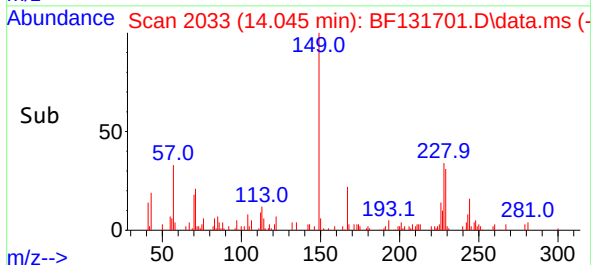
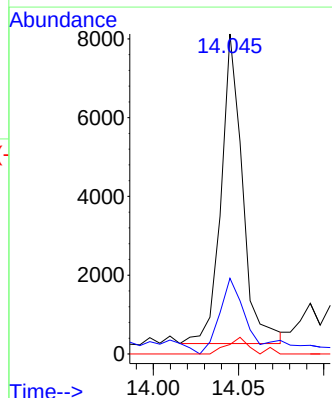
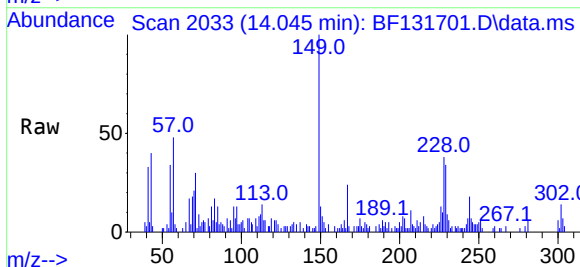
Instrument :
BNA_F
ClientSampleId :
BU-03-121522

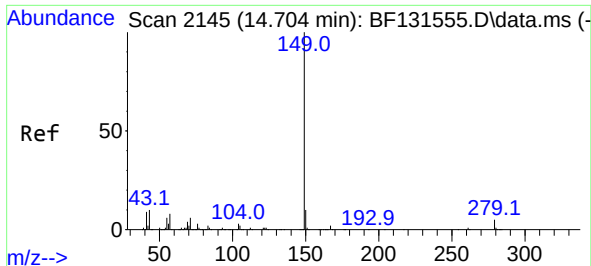
Tgt Ion:	228	Resp:	65040
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.9	35.9
229	22.6	16.7	25.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.067 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Tgt Ion:	149	Resp:	6880
Ion Ratio	Lower	Upper	
149	100		
167	23.6	20.8	31.2
279	3.0	3.3	4.9

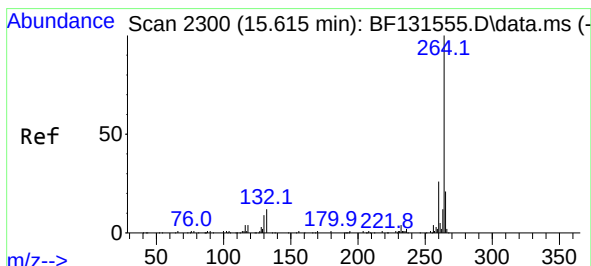
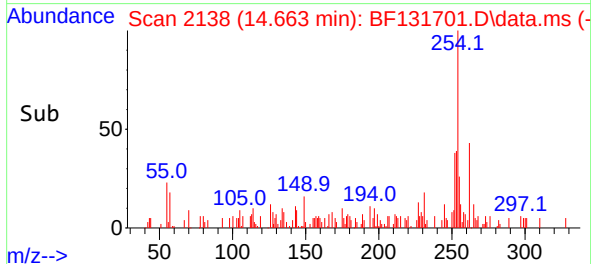
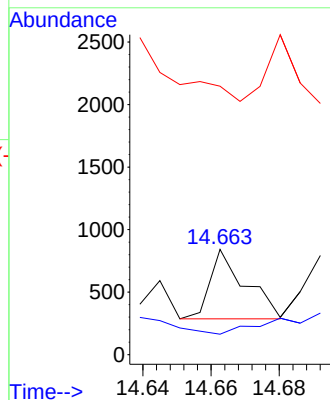
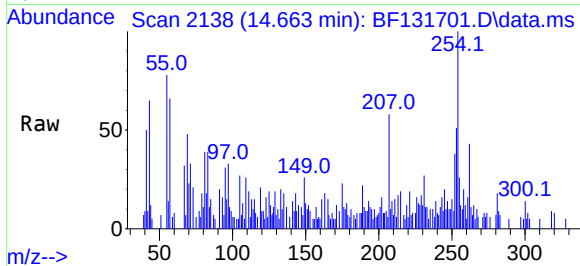




#85
Di-n-octyl phthalate
Concen: 5.254 ng
RT: 14.663 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

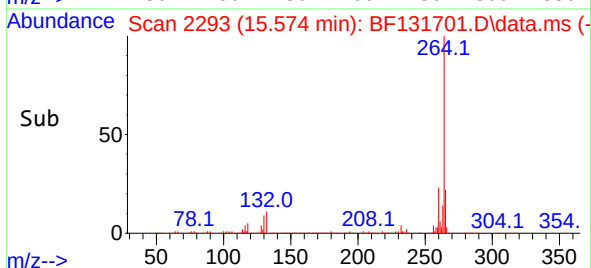
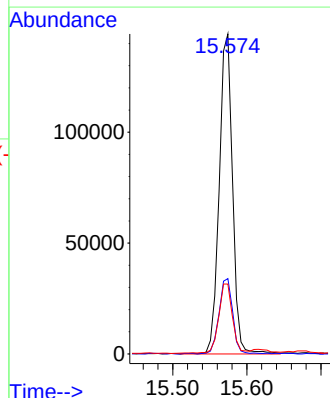
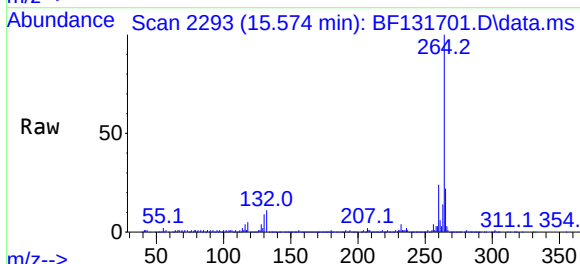
Instrument :
BNA_F
ClientSampleId :
BU-03-121522

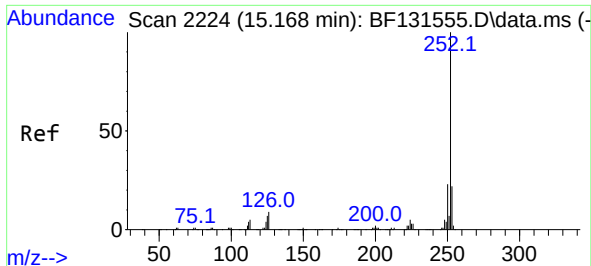
Tgt Ion:149 Resp: 402
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 101.5 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Tgt Ion:264 Resp: 180425
Ion Ratio Lower Upper
264 100
260 23.6 20.6 30.8
265 21.9 16.8 25.2

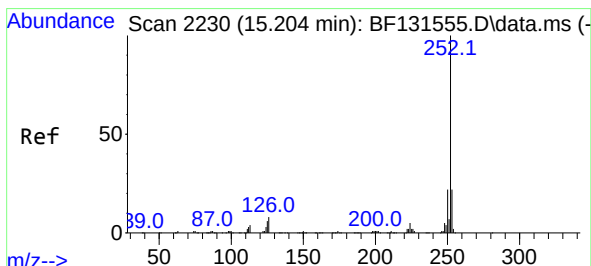
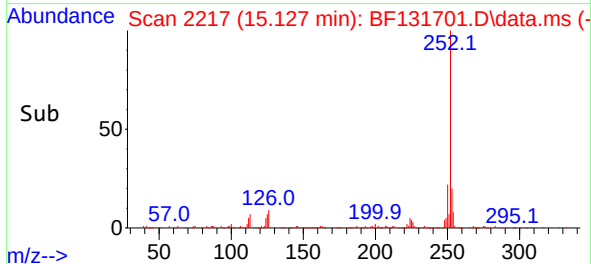
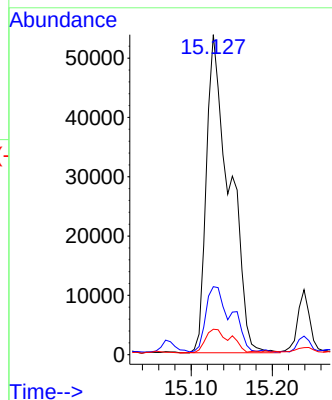
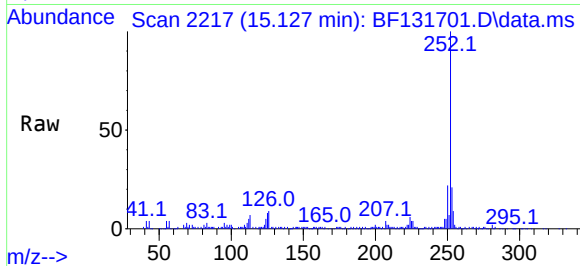




#88
Benzo(b)fluoranthene
Concen: 8.940 ng
RT: 15.127 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

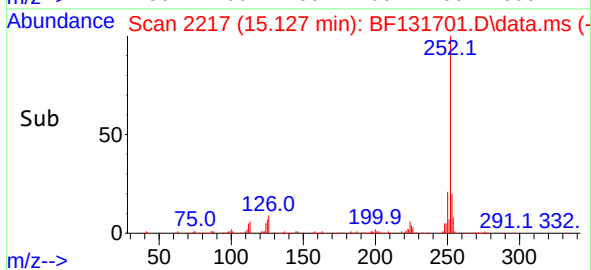
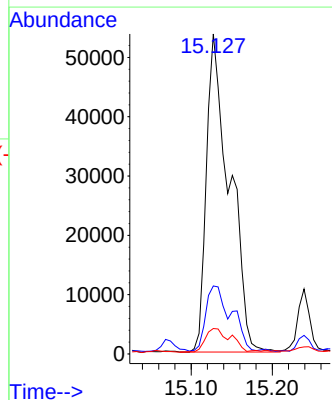
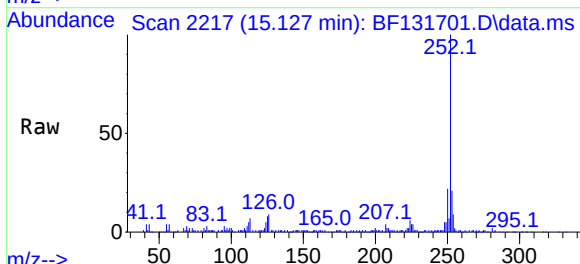
Instrument :
BNA_F
ClientSampleId :
BU-03-121522

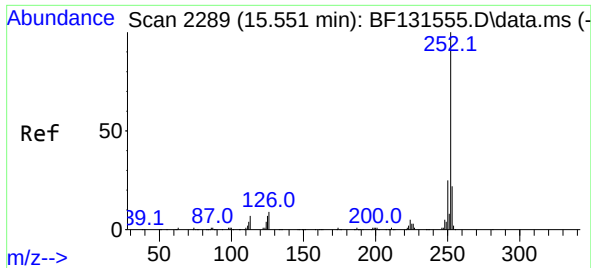
Tgt Ion:252 Resp: 106308
Ion Ratio Lower Upper
252 100
253 21.2 17.7 26.5
125 7.9 5.6 8.4



#89
Benzo(k)fluoranthene
Concen: 8.565 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.035 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Tgt Ion:252 Resp: 106308
Ion Ratio Lower Upper
252 100
253 21.2 17.7 26.5
125 7.9 4.9 7.3#





#90
Benzo(a)pyrene
Concen: 5.725 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131701.D
Acq: 19 Dec 2022 21:44

Instrument :
BNA_F
ClientSampleId :
BU-03-121522

Tgt Ion:252 Resp: 58098
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.6 5.6 8.4#

