

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
 Data File : BF131491.D
 Acq On : 01 Dec 2022 16:06
 Operator : CG\JU
 Sample : N5804-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-STOCK

Quant Time: Dec 02 03:27:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 12:46:17 2022
 Response via : Initial Calibration

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

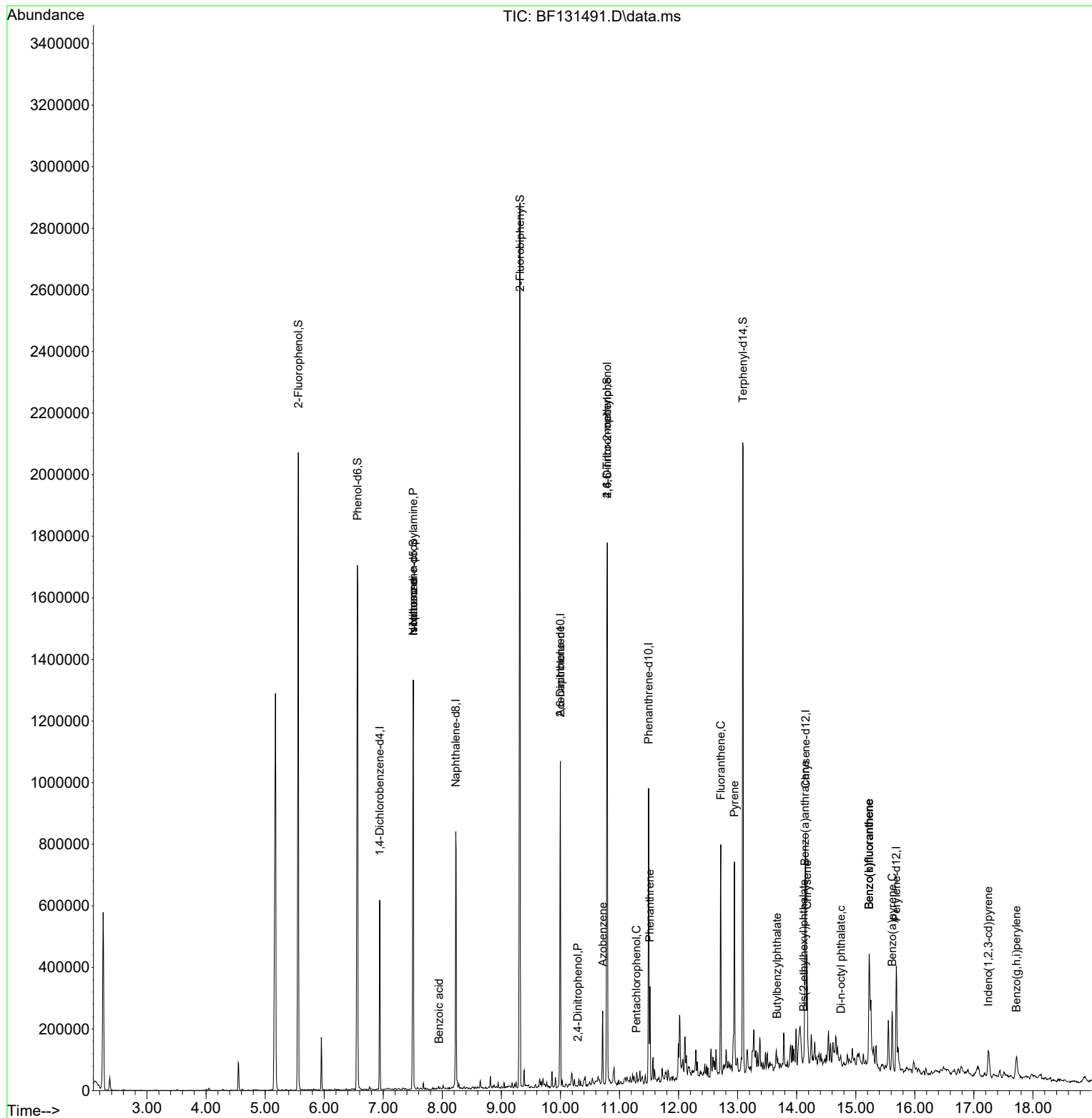
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	79050	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	384153	20.000	ng	-0.01
39) Acenaphthene-d10	9.998	164	205964	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	333878	20.000	ng	-0.01
76) Chrysene-d12	14.151	240	213701	20.000	ng	0.00
86) Perylene-d12	15.686	264	168478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	504371	121.433	ng	0.00
7) Phenol-d6	6.563	99	635692	119.956	ng	0.00
23) Nitrobenzene-d5	7.510	82	438768	57.575	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	211528	122.074	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	964302	68.113	ng	0.00
79) Terphenyl-d14	13.092	244	794789	60.818	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.493	77	493	Below Cal		82
19) n-Nitroso-di-n-propyla...	7.510	70	62244	16.045 ng	#	74
25) Isophorone	7.510	82	438763	32.271 ng	#	68
32) Benzoic acid	7.945	122	62	5.149 ng		93
51) 2,6-Dinitrotoluene	9.998	165	27143	9.458 ng	#	15
54) 2,4-Dinitrophenol	10.292	184	53	4.947 ng	#	34
63) Azobenzene	10.716	77	37850	2.598 ng	#	1
65) 4,6-Dinitro-2-methylph...	10.792	198	547	5.002 ng	#	1
70) Pentachlorophenol	11.286	266	1342	5.378 ng		95
71) Phenanthrene	11.516	178	101052	5.600 ng		98
75) Fluoranthene	12.716	202	280807	14.769 ng		98
78) Pyrene	12.945	202	253987	13.471 ng		98
80) Butylbenzylphthalate	13.669	149	576	4.227 ng		97
81) Benzo(a)anthracene	14.139	228	161696	11.039 ng		98
83) Chrysene	14.174	228	142720	9.931 ng		98
84) Bis(2-ethylhexyl)phtha...	14.121	149	3325	4.113 ng	#	85
85) Di-n-octyl phthalate	14.751	149	1615	4.056 ng	#	67
87) Indeno(1,2,3-cd)pyrene	17.245	276	60994	5.390 ng		97
88) Benzo(b)fluoranthene	15.227	252	281092	25.115 ng	#	96
89) Benzo(k)fluoranthene	15.227	252	281092	24.439 ng		98
90) Benzo(a)pyrene	15.615	252	102686	11.181 ng	#	98
92) Benzo(g,h,i)perylene	17.721	276	51689	5.544 ng		99

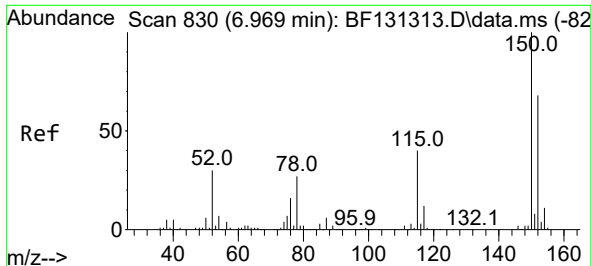
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 01 12:46:17 2022
Response via : Initial Calibration

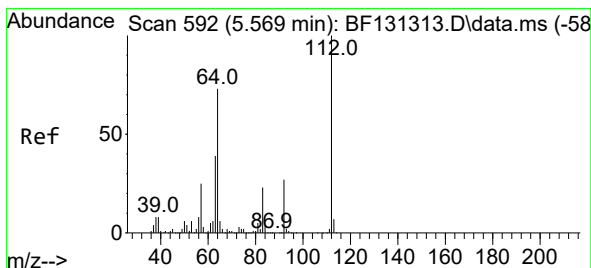
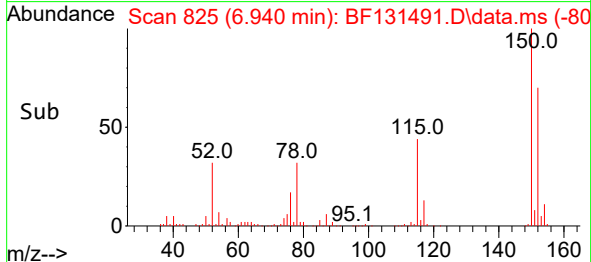
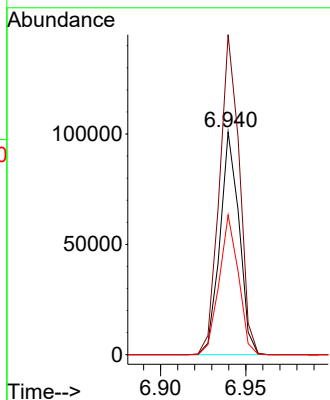
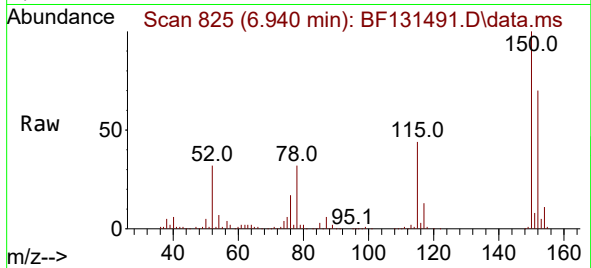




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

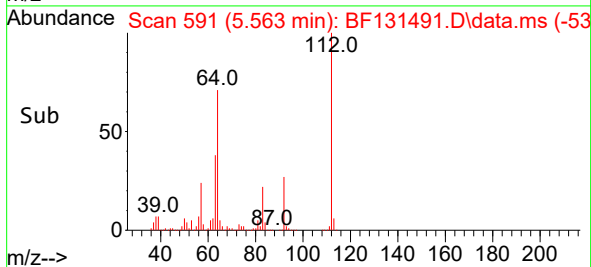
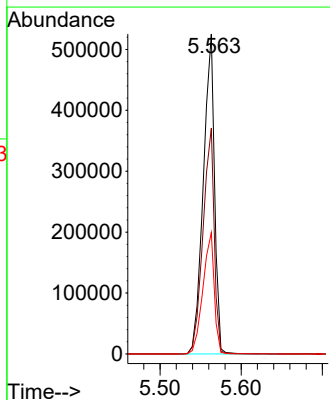
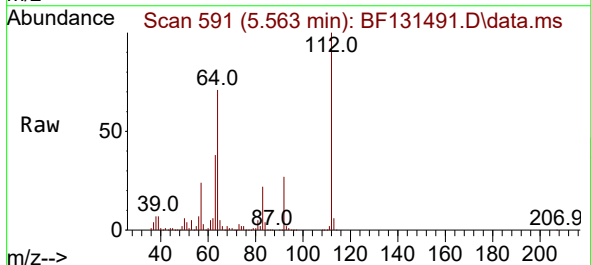
Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

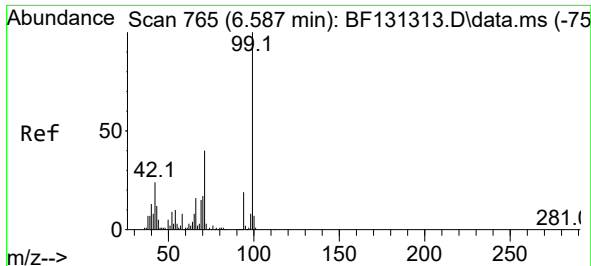
Tgt Ion:152 Resp: 79050
Ion Ratio Lower Upper
152 100
150 143.7 117.8 176.8
115 62.7 47.1 70.7



#5
2-Fluorophenol
Concen: 121.433 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

Tgt Ion:112 Resp: 504371
Ion Ratio Lower Upper
112 100
64 70.5 58.6 88.0
63 37.9 31.4 47.0

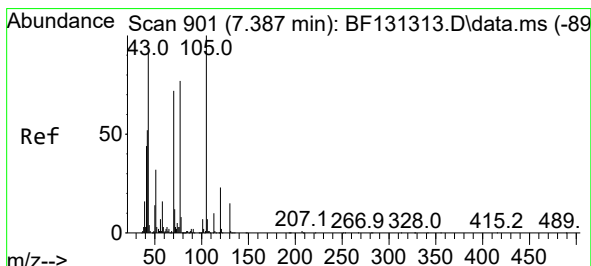
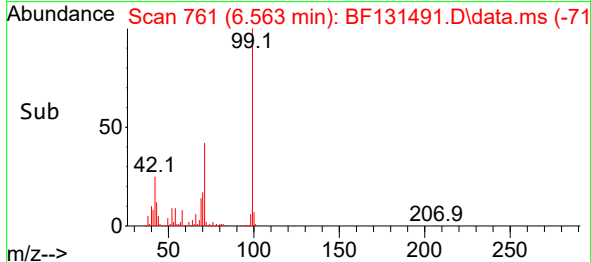
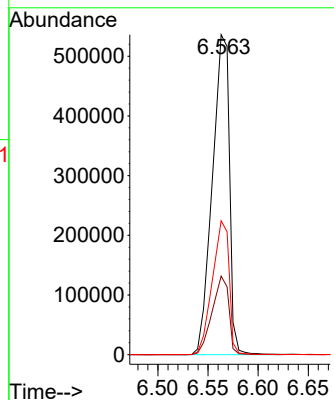
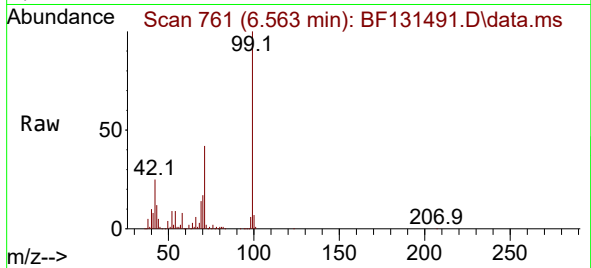




#7
Phenol-d6
Concen: 119.956 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

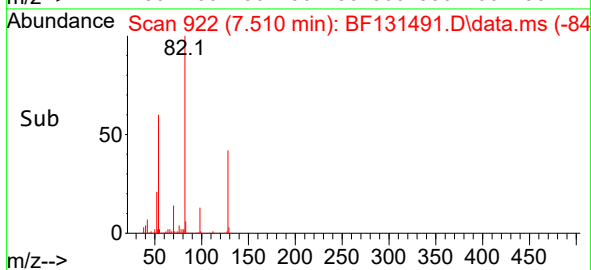
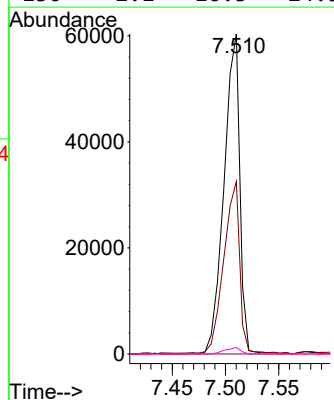
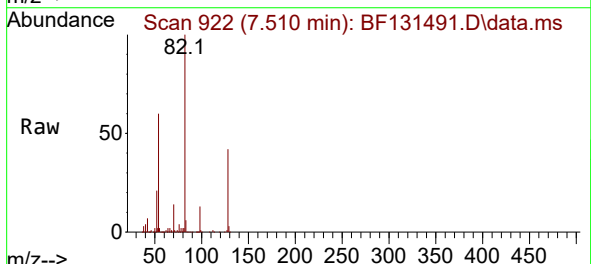
Instrument :
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ClientSampleId :
SB-1-STOCK

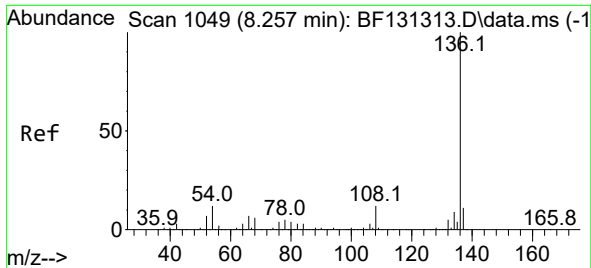
Tgt Ion: 99 Resp: 635692
Ion Ratio Lower Upper
99 100
42 24.5 19.4 29.2
71 41.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.045 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

Tgt Ion: 70 Resp: 62244
Ion Ratio Lower Upper
70 100
42 53.8 57.6 86.4#
101 0.0 8.2 12.2#
130 2.1 16.3 24.5#

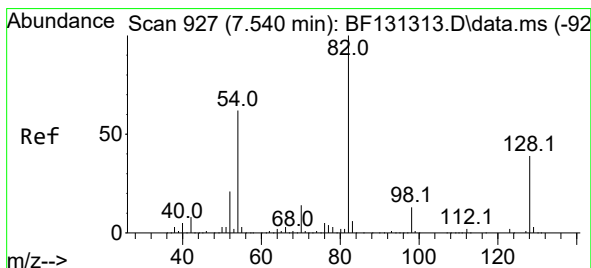
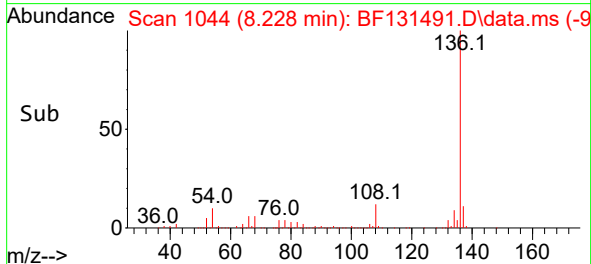
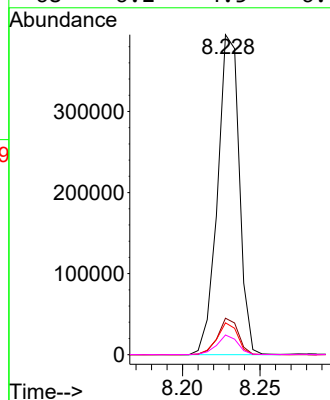
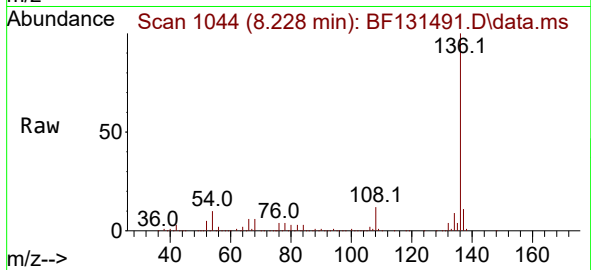




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.012 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

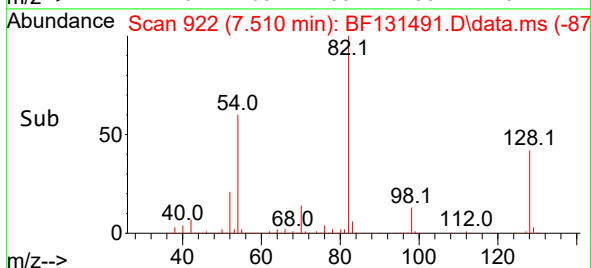
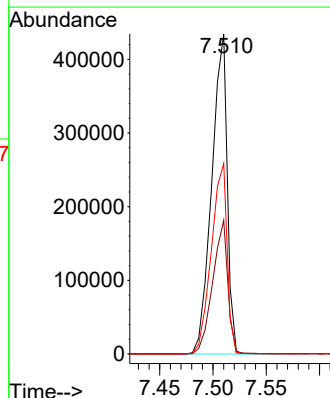
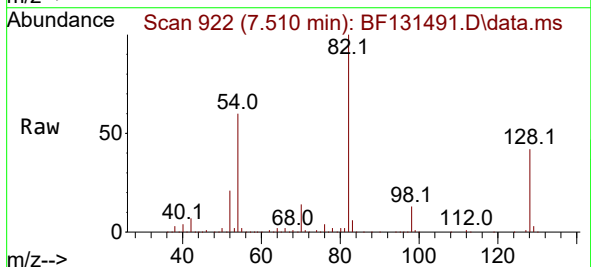
Instrument :
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ClientSampleId :
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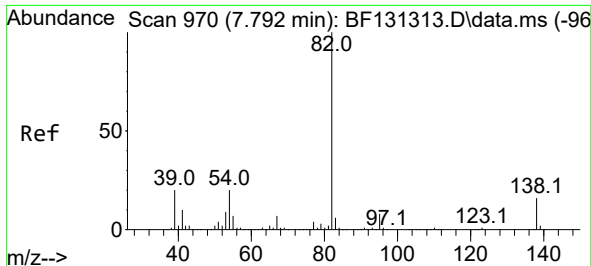
Tgt Ion:136 Resp: 384153
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 10.0 9.4 14.0
68 6.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 57.575 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

Tgt Ion: 82 Resp: 438768
Ion Ratio Lower Upper
82 100
128 41.7 31.4 47.0
54 59.5 49.8 74.6

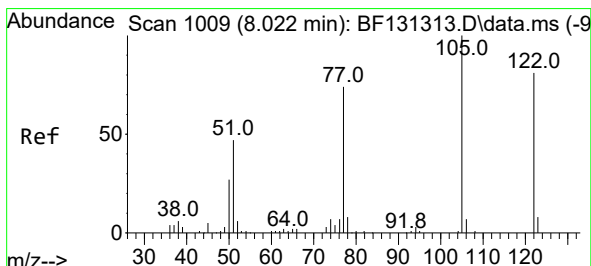
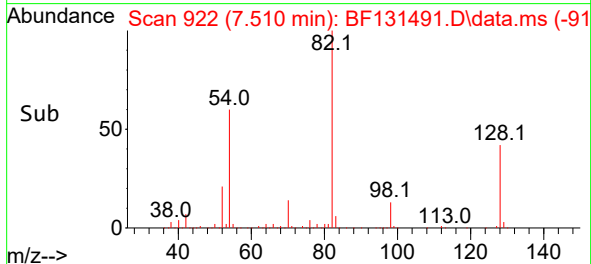
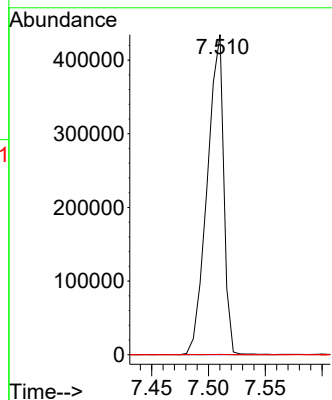
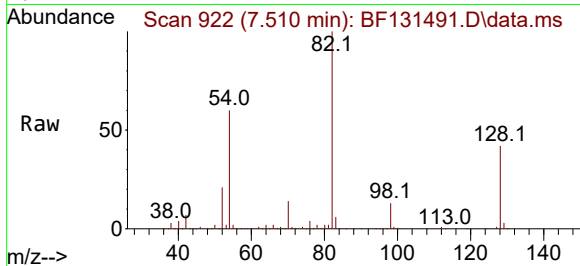




#25
Isophorone
Concen: 32.271 ng
RT: 7.510 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

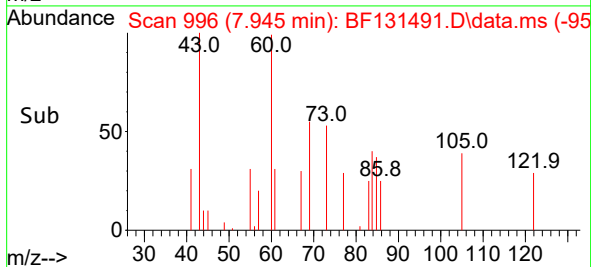
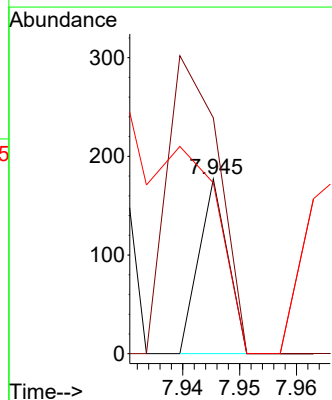
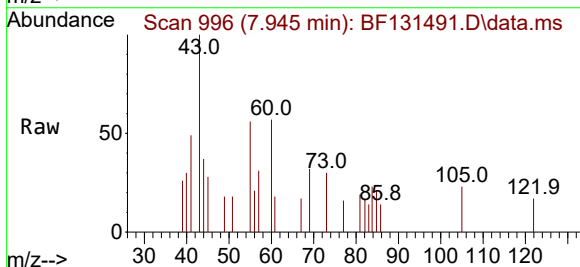
Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

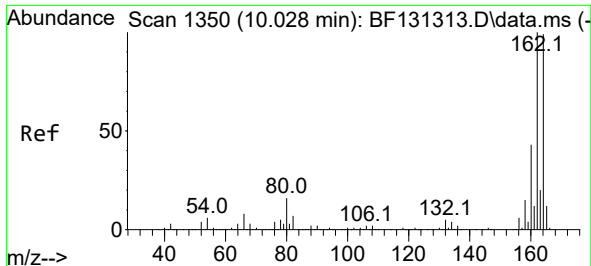
Tgt Ion: 82 Resp: 438763
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.149 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.053 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

Tgt Ion: 122 Resp: 62
Ion Ratio Lower Upper
122 100
105 135.0 103.8 143.8
77 97.7 74.3 114.3

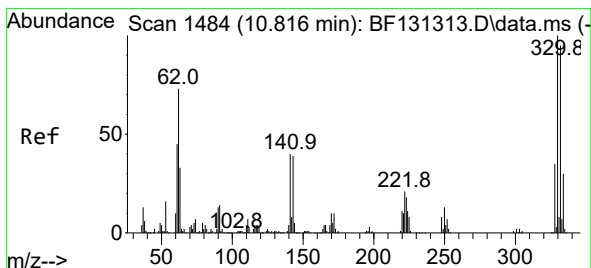
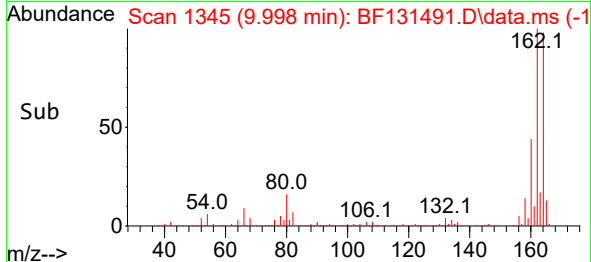
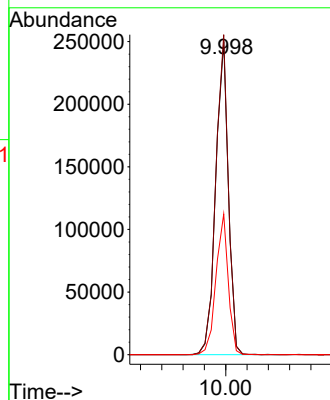
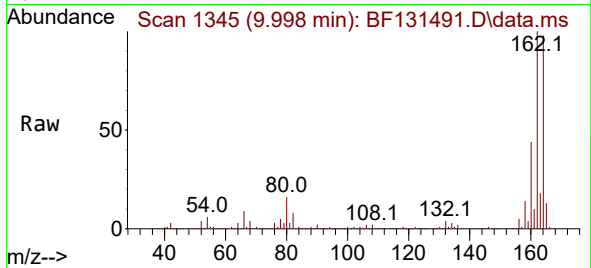




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

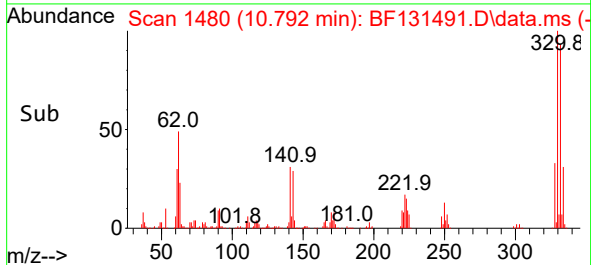
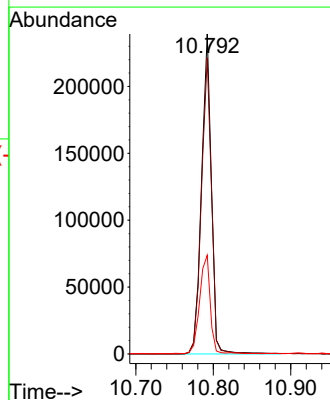
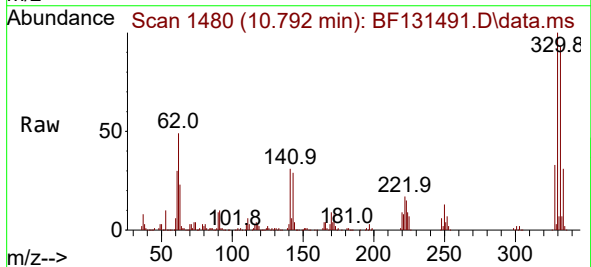
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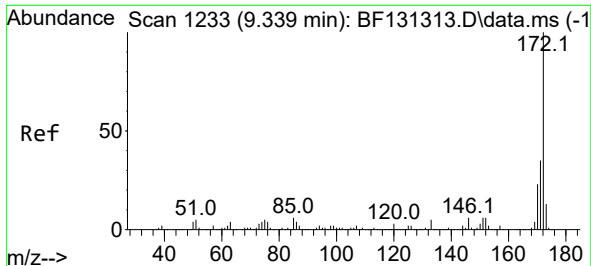
Tgt Ion:164 Resp: 205964
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 44.9 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 122.074 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

Tgt Ion:330 Resp: 211528
Ion Ratio Lower Upper
330 100
332 94.3 77.5 116.3
141 33.2 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 68.113 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131491.D

Acq: 01 Dec 2022 16:06

Instrument :

BNA_F

ClientSampleId :

SB-1-STOCK

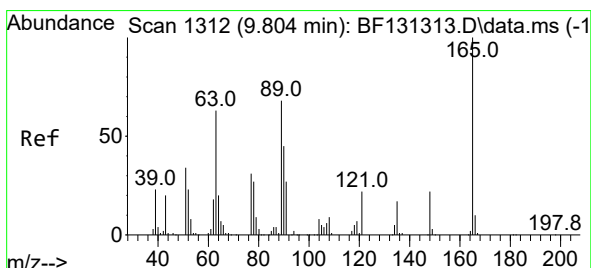
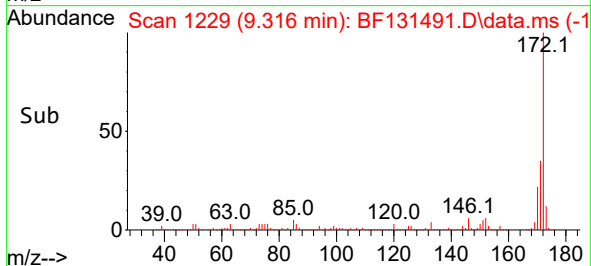
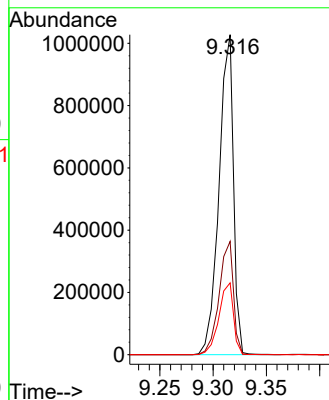
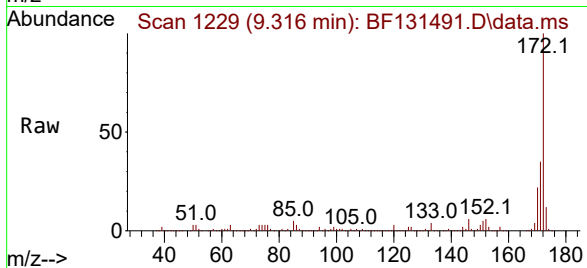
Tgt Ion:172 Resp: 964302

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 22.5 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.458 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.212 min

Lab File: BF131491.D

Acq: 01 Dec 2022 16:06

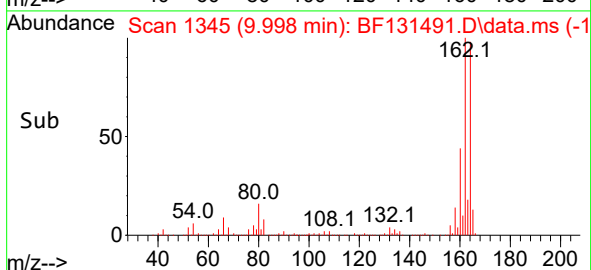
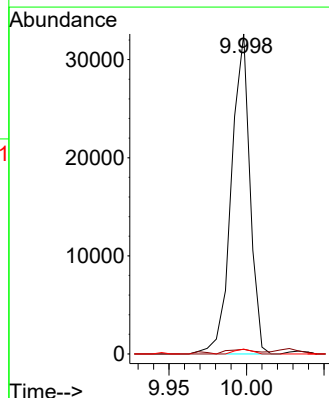
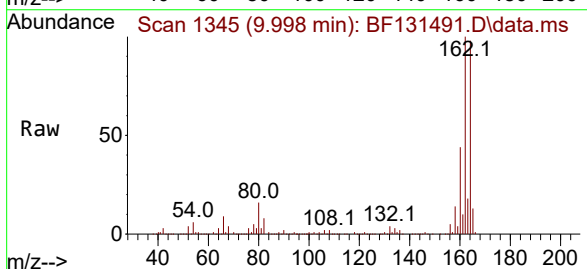
Tgt Ion:165 Resp: 27143

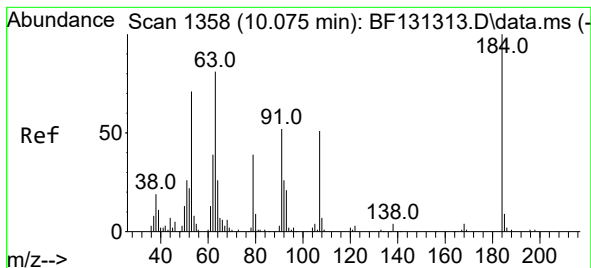
Ion Ratio Lower Upper

165 100

63 1.5 62.0 93.0#

89 1.5 54.4 81.6#

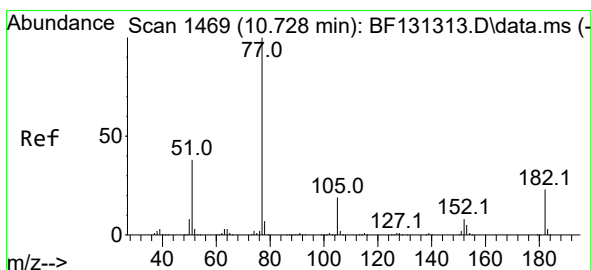
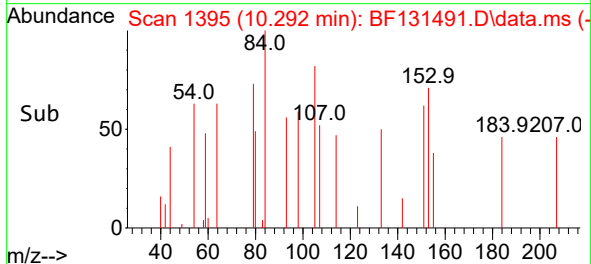
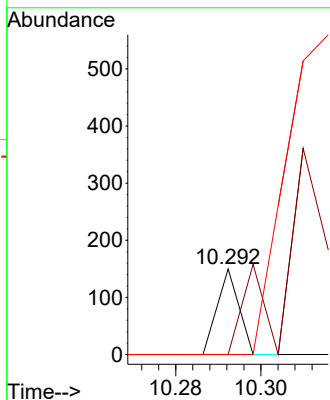
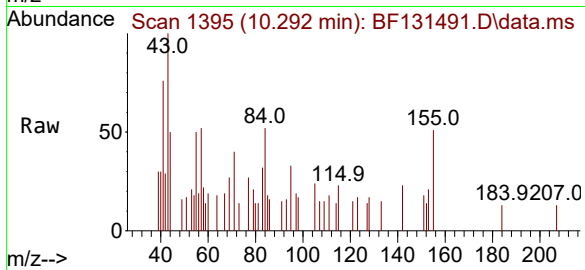




#54
2,4-Dinitrophenol
Concen: 4.947 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.229 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

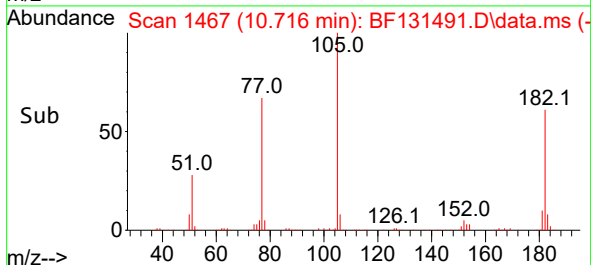
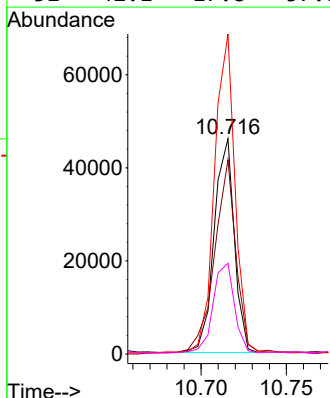
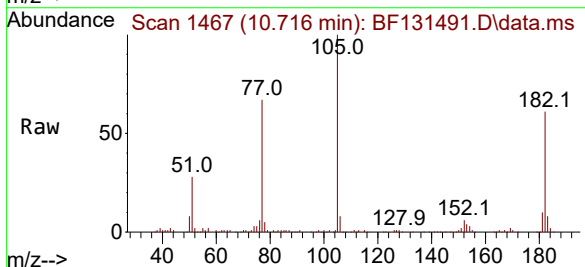
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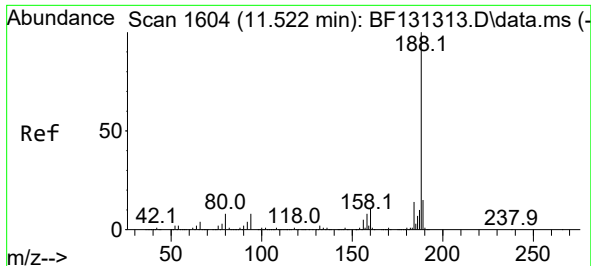
Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 138.0 72.1 108.1#
154 0.0 56.3 84.5#



#63
Azobenzene
Concen: 2.598 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

Tgt Ion: 77 Resp: 37850
Ion Ratio Lower Upper
77 100
182 90.3 3.1 43.1#
105 148.7 0.0 39.2#
51 42.1 17.8 57.8

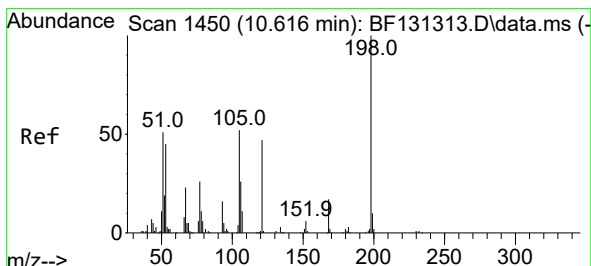
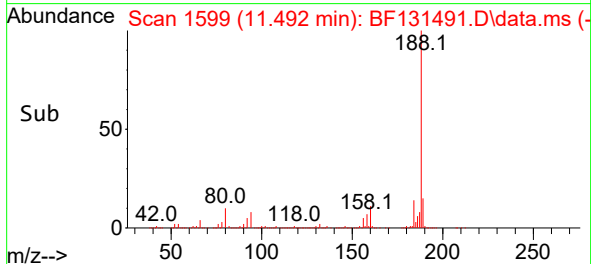
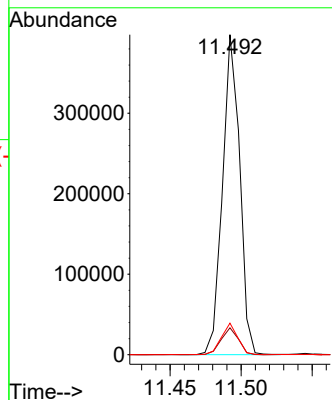
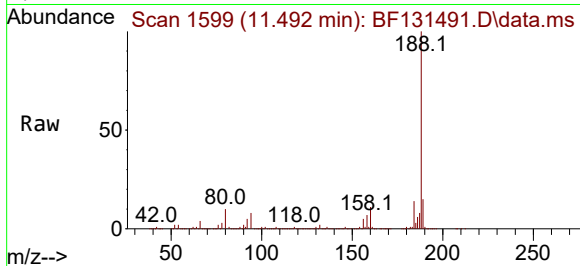




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

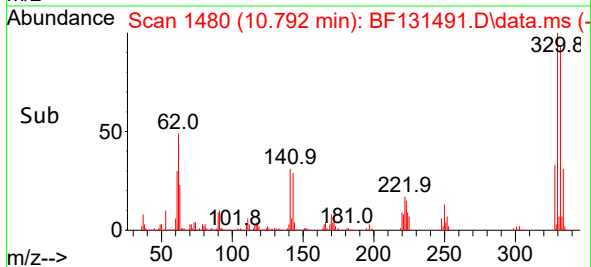
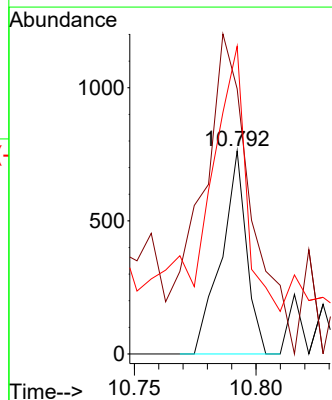
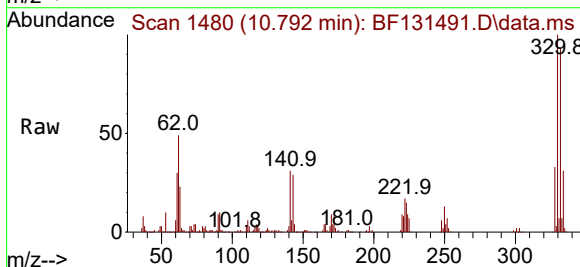
Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

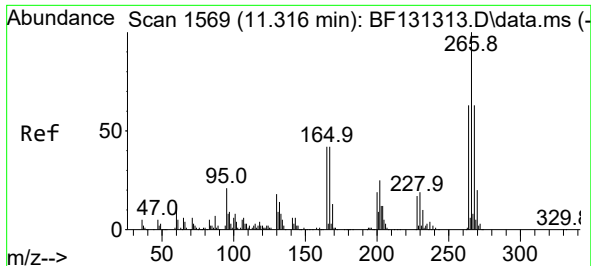
Tgt Ion:188 Resp: 333878
Ion Ratio Lower Upper
188 100
94 8.4 6.3 9.5
80 9.9 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.002 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.194 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

Tgt Ion:198 Resp: 547
Ion Ratio Lower Upper
198 100
51 130.5 50.1 90.1#
105 151.5 32.5 72.5#

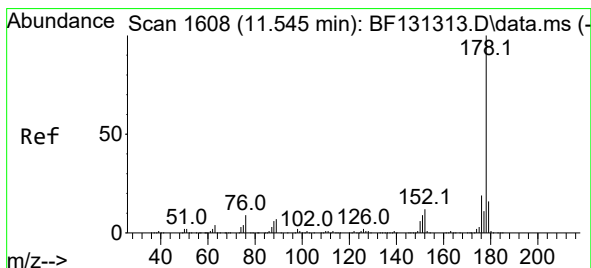
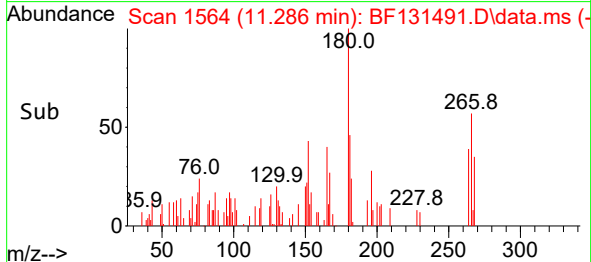
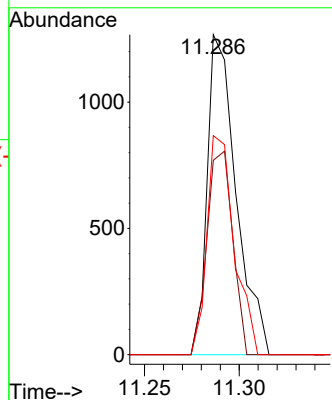
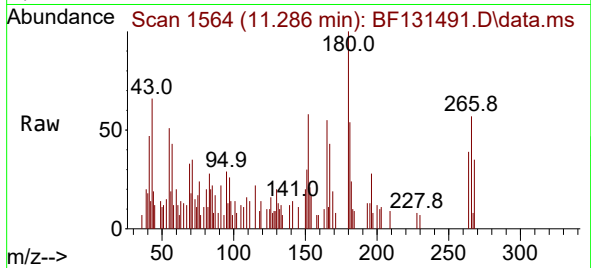




#70
Pentachlorophenol
Concen: 5.378 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

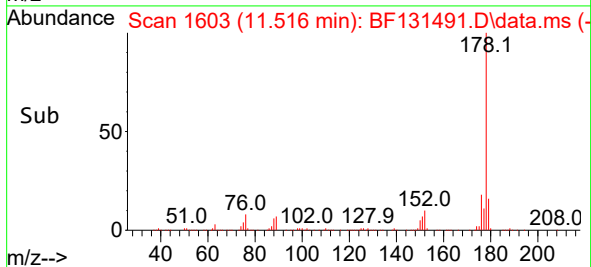
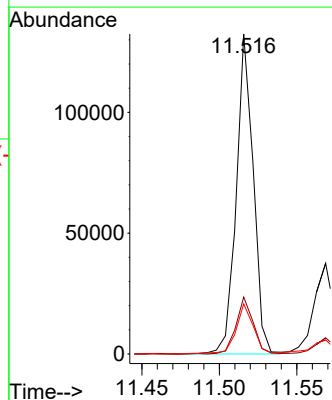
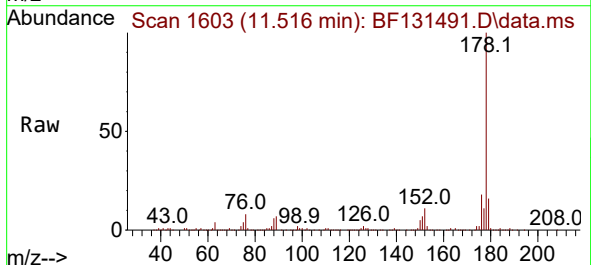
Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

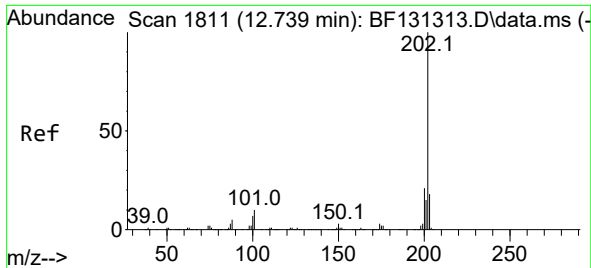
Tgt Ion:266 Resp: 1342
Ion Ratio Lower Upper
266 100
268 60.8 50.6 75.8
264 68.4 50.4 75.6



#71
Phenanthrene
Concen: 5.600 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

Tgt Ion:178 Resp: 101052
Ion Ratio Lower Upper
178 100
176 17.8 15.6 23.4
179 15.6 12.4 18.6

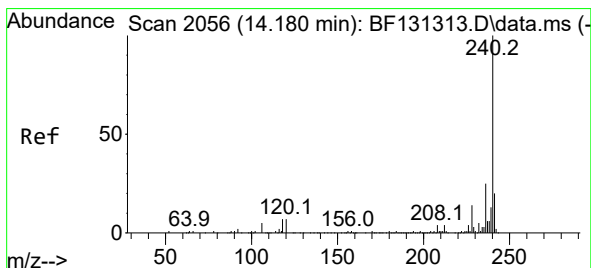
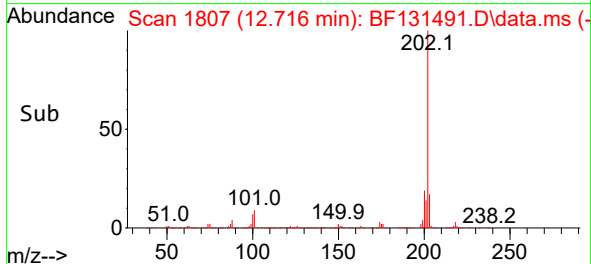
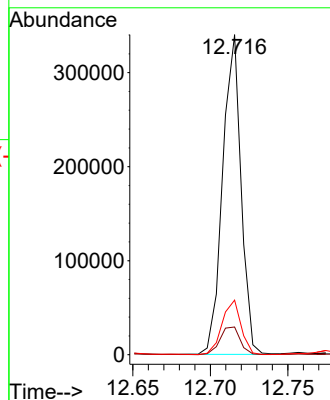
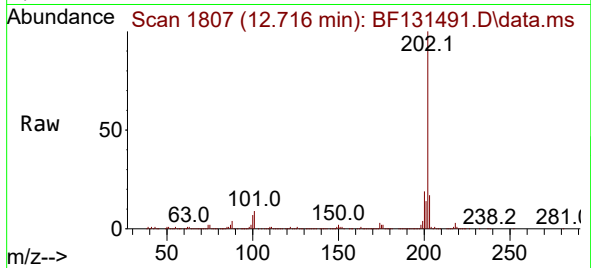




#75
Fluoranthene
Concen: 14.769 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

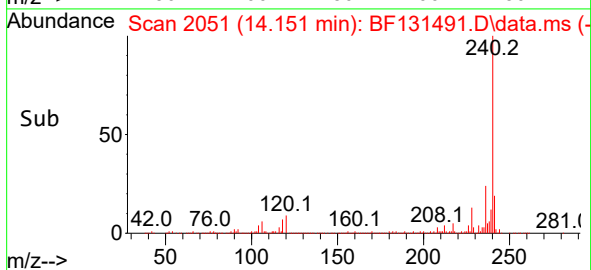
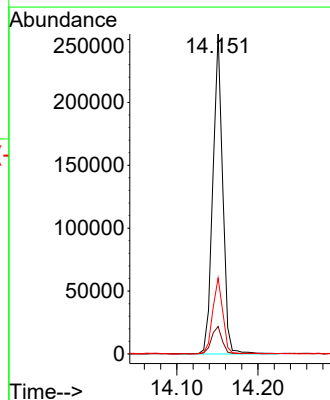
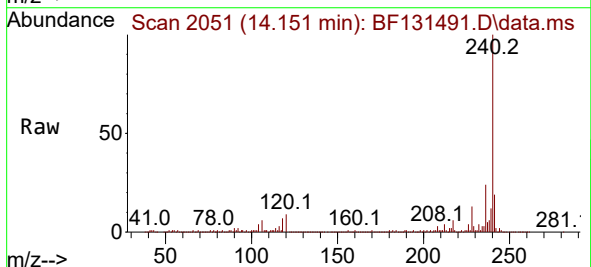
Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

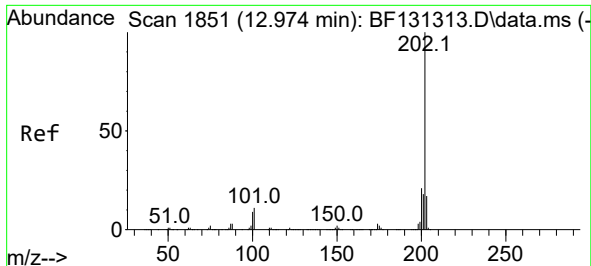
Tgt Ion:202 Resp: 280807
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.6
203 17.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

Tgt Ion:240 Resp: 213701
Ion Ratio Lower Upper
240 100
120 8.6 5.8 8.8
236 23.7 20.3 30.5

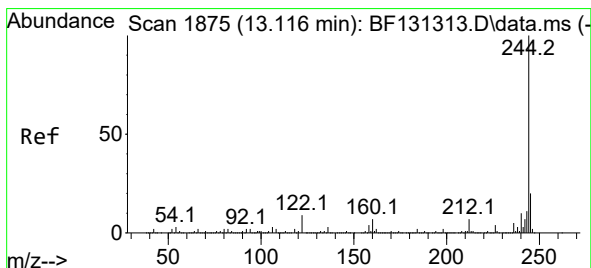
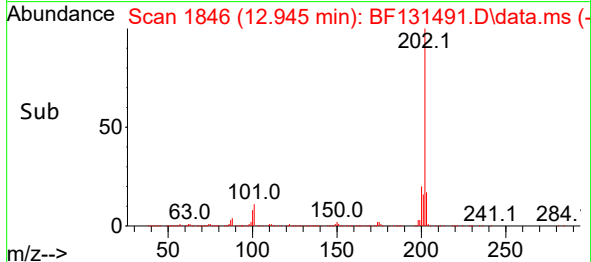
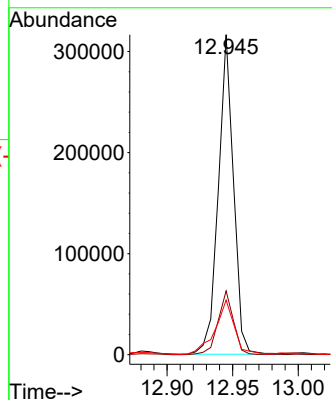
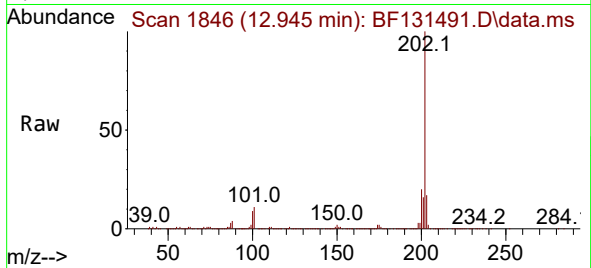




#78
Pyrene
Concen: 13.471 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

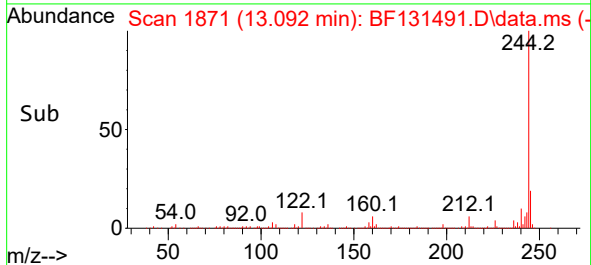
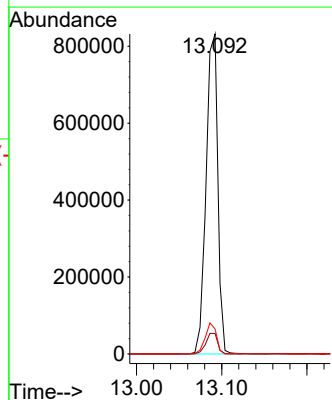
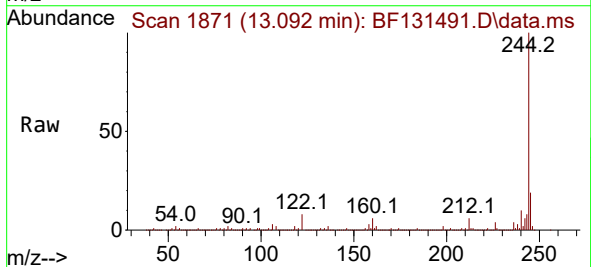
Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

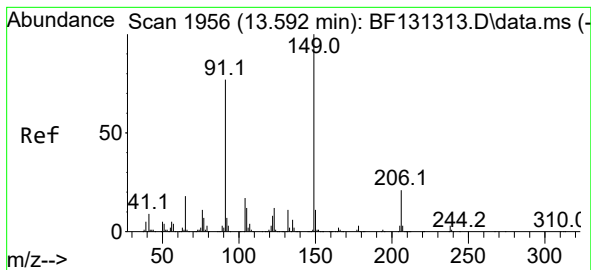
Tgt Ion:202 Resp: 253987
Ion Ratio Lower Upper
202 100
200 19.9 16.9 25.3
203 17.1 13.9 20.9



#79
Terphenyl-d14
Concen: 60.818 ng
RT: 13.092 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

Tgt Ion:244 Resp: 794789
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 7.8 7.5 11.3

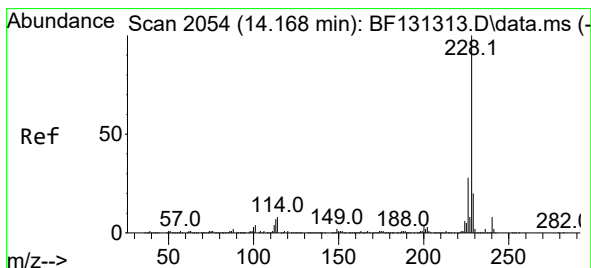
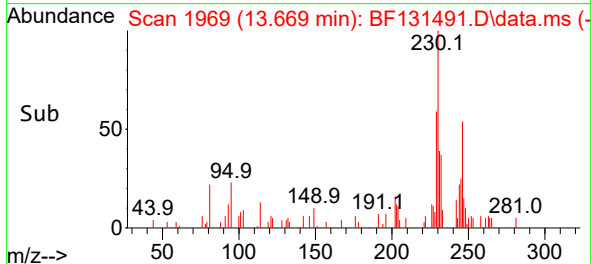
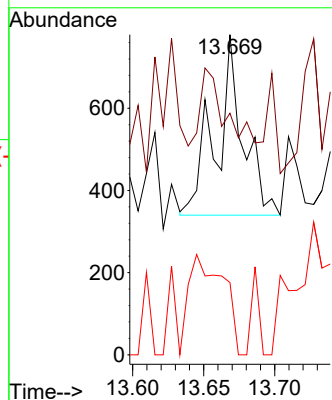
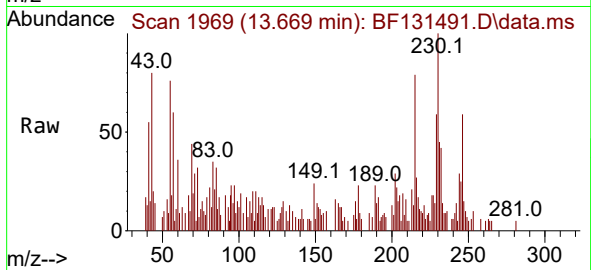




#80
Butylbenzylphthalate
Concen: 4.227 ng
RT: 13.669 min Scan# 1956
Delta R.T. 0.100 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

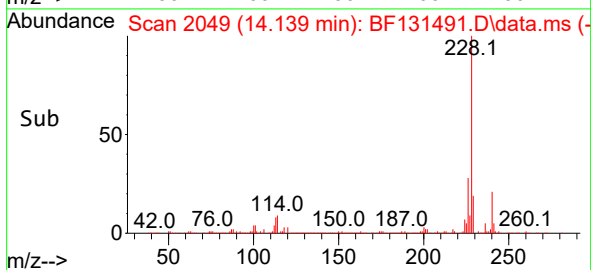
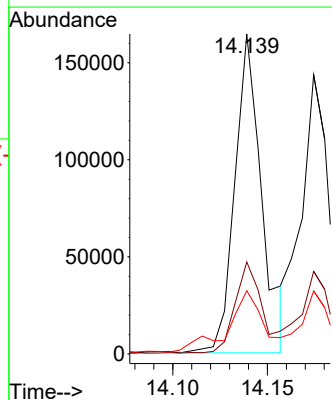
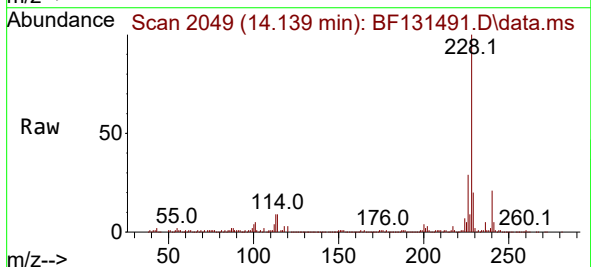
Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

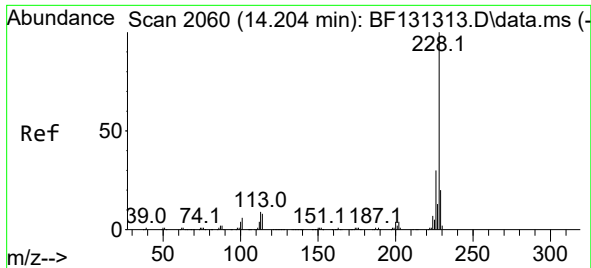
Tgt Ion:	149	Resp:	576
Ion	Ratio	Lower	Upper
149	100		
91	75.5	61.9	92.9
206	22.6	16.5	24.7



#81
Benzo(a)anthracene
Concen: 11.039 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

Tgt Ion:	228	Resp:	161696
Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.0	33.0
229	19.8	15.7	23.5





#83

Chrysene

Concen: 9.931 ng

RT: 14.174 min Scan# 2055

Delta R.T. -0.012 min

Lab File: BF131491.D

Acq: 01 Dec 2022 16:06

Instrument :

BNA_F

ClientSampleId :

SB-1-STOCK

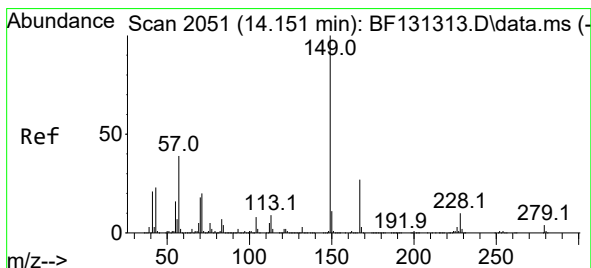
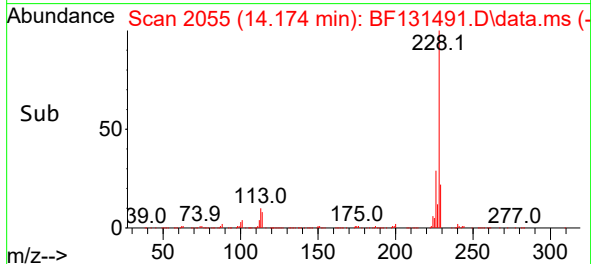
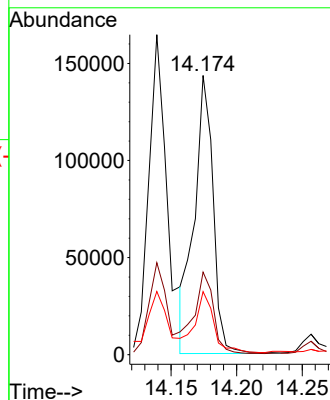
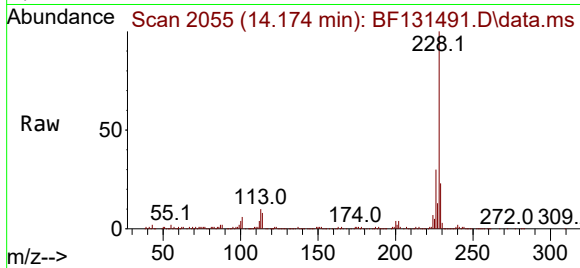
Tgt Ion:228 Resp: 142720

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

229 22.6 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.113 ng

RT: 14.121 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BF131491.D

Acq: 01 Dec 2022 16:06

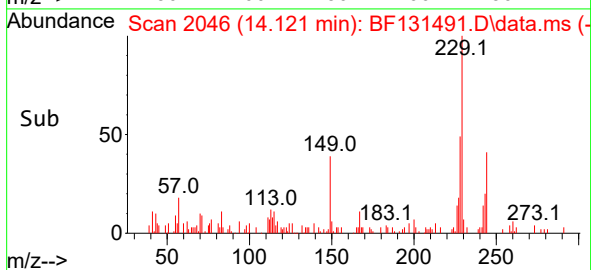
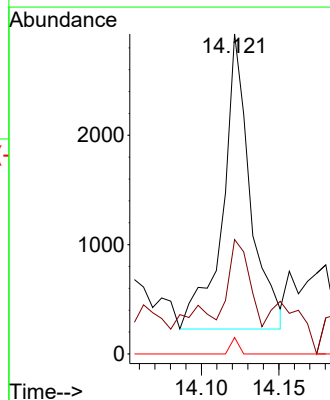
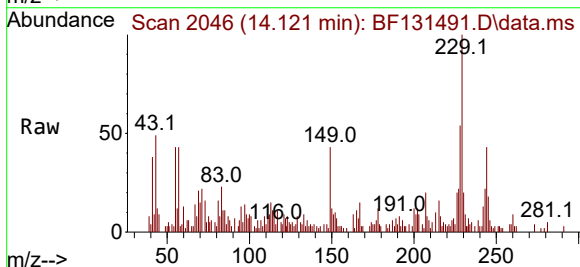
Tgt Ion:149 Resp: 3325

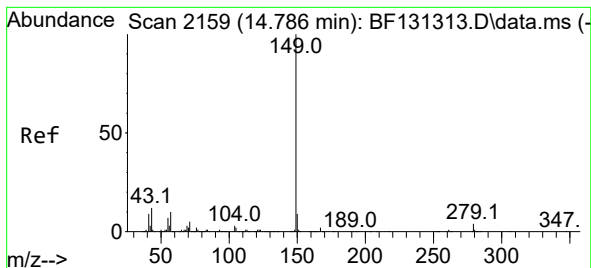
Ion Ratio Lower Upper

149 100

167 35.7 21.9 32.9#

279 5.2 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 4.056 ng

RT: 14.751 min Scan# 2153

Delta R.T. -0.006 min

Lab File: BF131491.D

Acq: 01 Dec 2022 16:06

Instrument :

BNA_F

ClientSampleId :

SB-1-STOCK

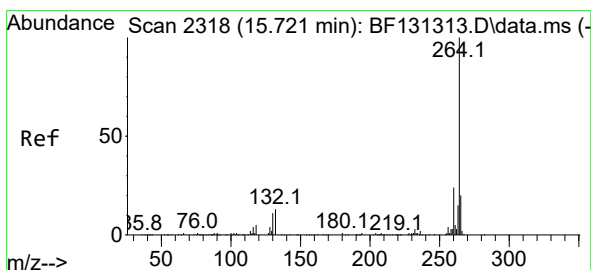
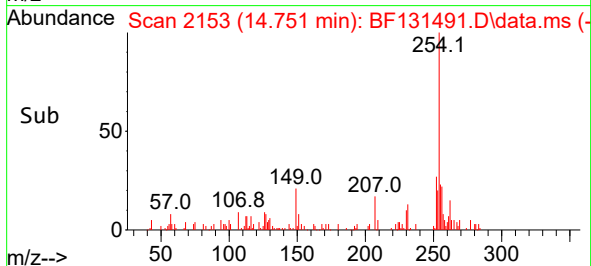
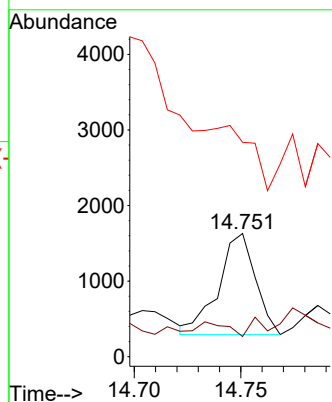
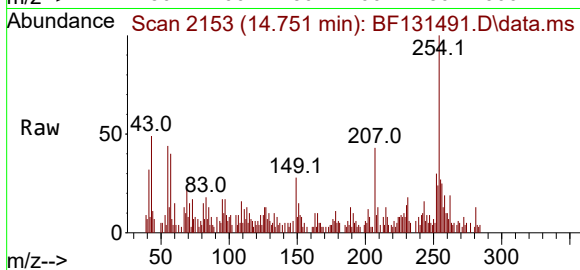
Tgt Ion:149 Resp: 1615

Ion Ratio Lower Upper

149 100

167 12.2 1.2 1.8#

43 0.0 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.686 min Scan# 2312

Delta R.T. -0.006 min

Lab File: BF131491.D

Acq: 01 Dec 2022 16:06

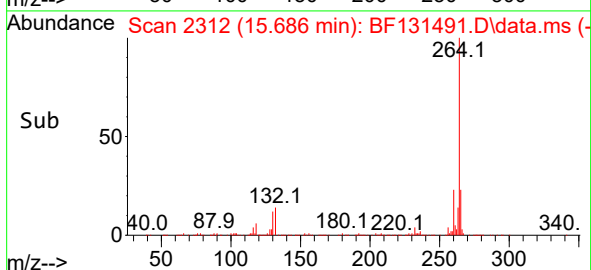
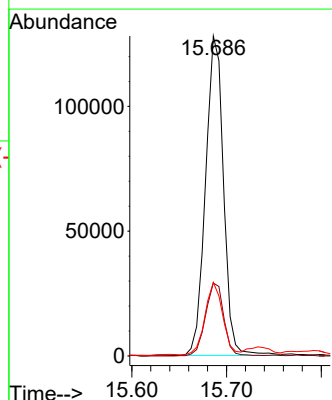
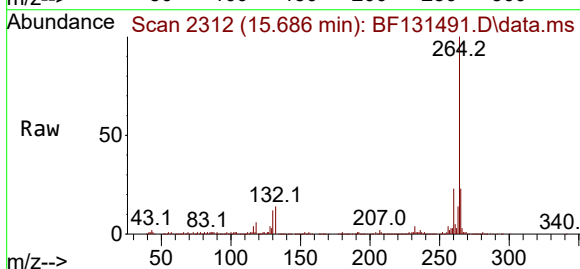
Tgt Ion:264 Resp: 168478

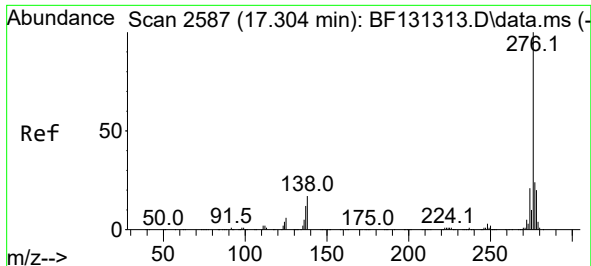
Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

265 23.0 16.4 24.6

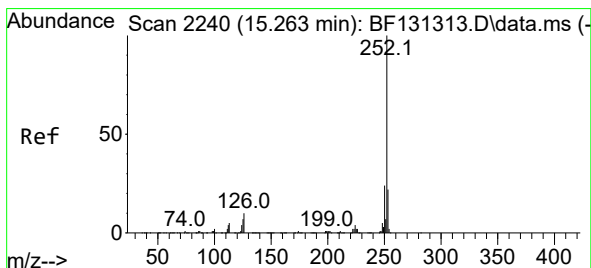
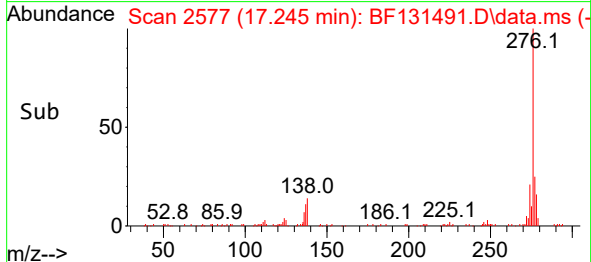
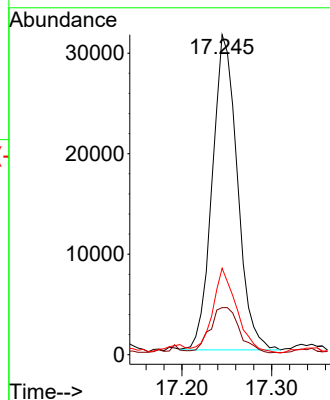
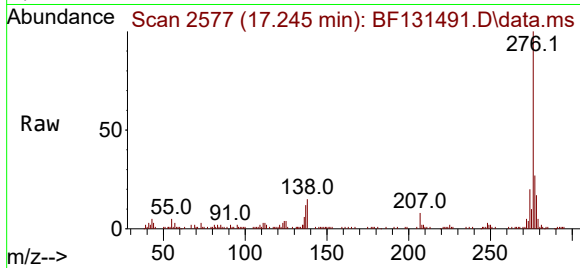




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.390 ng
RT: 17.245 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

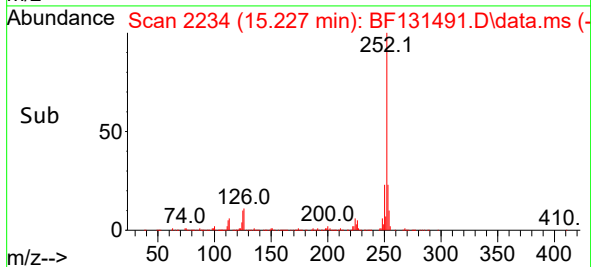
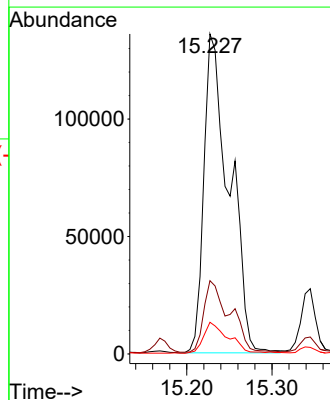
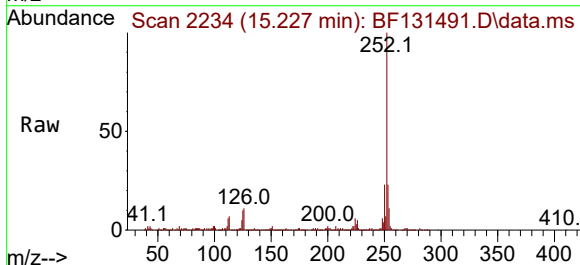
Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

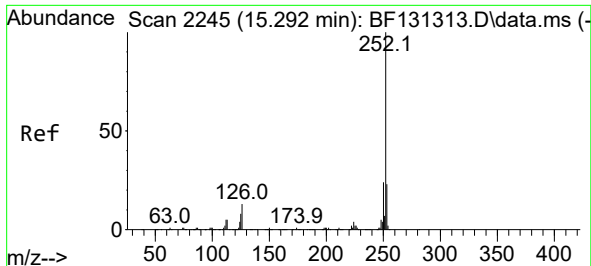
Tgt Ion:276 Resp: 60994
Ion Ratio Lower Upper
276 100
138 16.8 15.8 23.6
277 25.9 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 25.115 ng
RT: 15.227 min Scan# 2234
Delta R.T. -0.006 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

Tgt Ion:252 Resp: 281092
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 9.9 5.8 8.6#

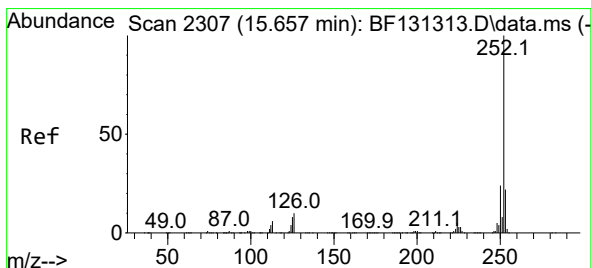
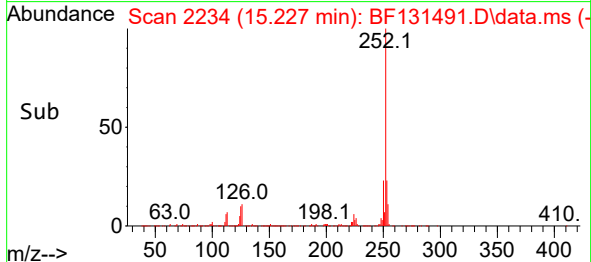
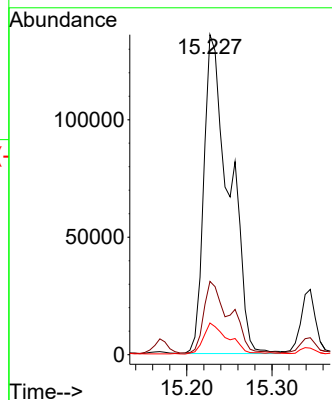
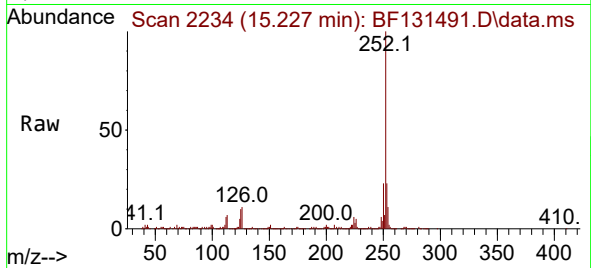




#89
Benzo(k)fluoranthene
Concen: 24.439 ng
RT: 15.227 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

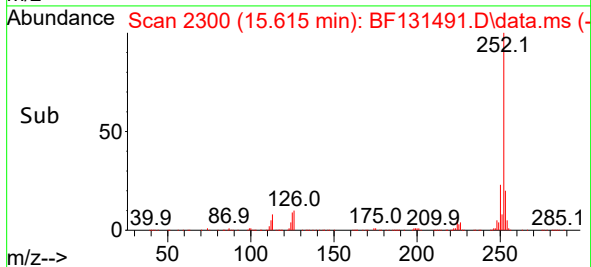
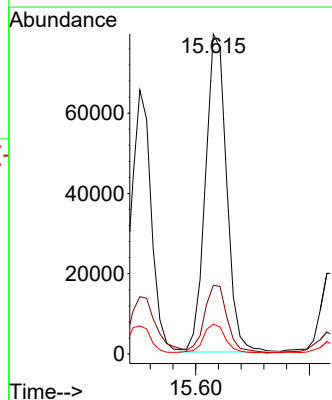
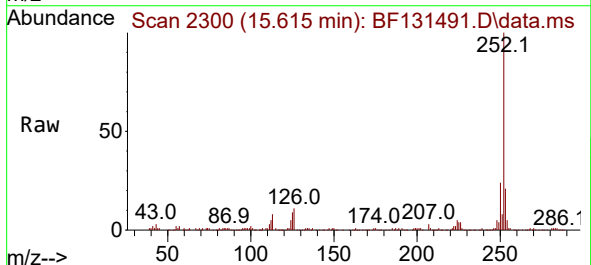
Instrument :
BNA_F
ClientSampleId :
SB-1-STOCK

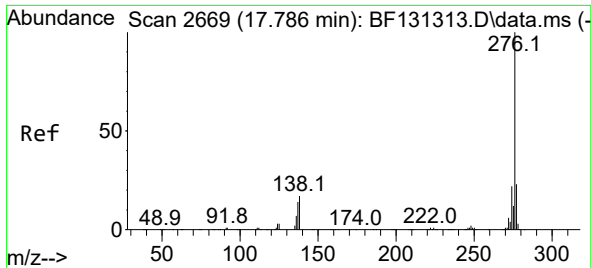
Tgt Ion:252 Resp: 281092
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 9.9 6.6 10.0



#90
Benzo(a)pyrene
Concen: 11.181 ng
RT: 15.615 min Scan# 2300
Delta R.T. -0.012 min
Lab File: BF131491.D
Acq: 01 Dec 2022 16:06

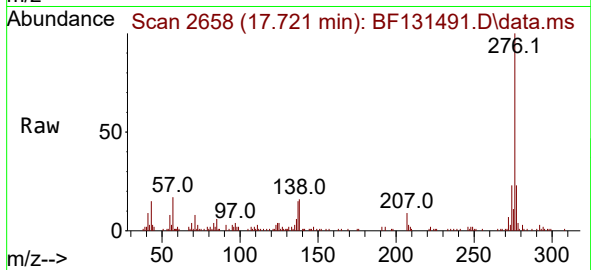
Tgt Ion:252 Resp: 102686
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.3 6.1 9.1#





#92
 Benzo(g,h,i)perylene
 Concen: 5.544 ng
 RT: 17.721 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF131491.D
 Acq: 01 Dec 2022 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-STOCK



Tgt Ion: 276 Resp: 51689
 Ion Ratio Lower Upper
 276 100
 277 22.9 18.3 27.5
 138 15.8 13.8 20.6

