

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131054.D
 Acq On : 07 Nov 2022 21:10
 Operator : CG\JU
 Sample : N5415-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-21

Quant Time: Nov 08 02:18:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

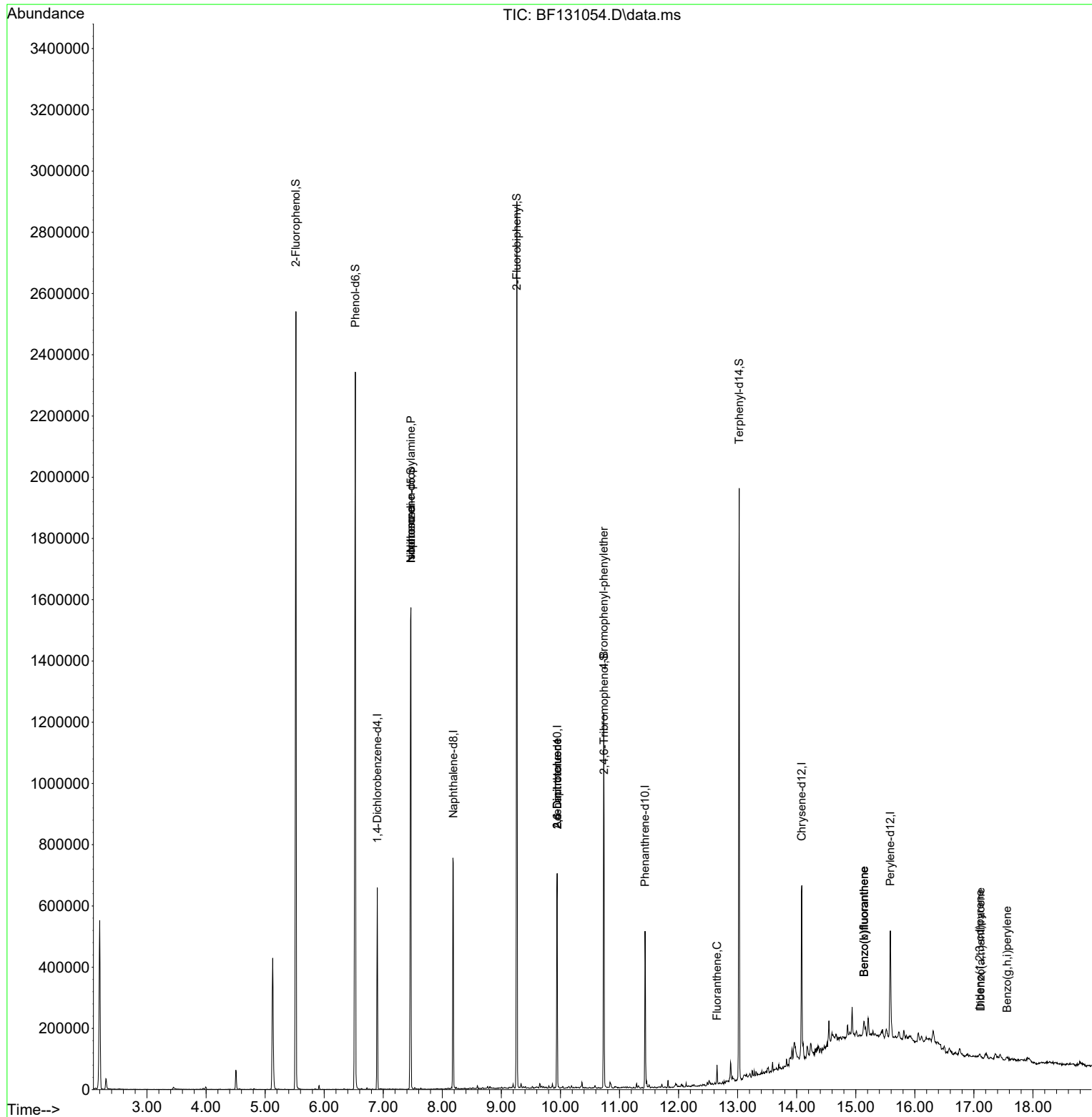
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	76313	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	319222	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	137436	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	173751	20.000	ng	0.00
76) Chrysene-d12	14.086	240	193230	20.000	ng	0.00
86) Perylene-d12	15.586	264	160443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	616540	130.275	ng	0.00
7) Phenol-d6	6.528	99	776032	134.345	ng	0.00
23) Nitrobenzene-d5	7.469	82	533276	77.435	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	127823	84.476	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	766502	76.007	ng	0.00
79) Terphenyl-d14	13.027	244	616073	51.116	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	73233	17.790	ng	# 73
25) Isophorone	7.469	82	531545	45.030	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	17979	7.957	ng	# 18
55) Dibenzofuran	10.151	168	317	Below Cal		# 42
57) 2,4-Dinitrotoluene	9.945	165	17979	6.125	ng	# 19
67) 4-Bromophenyl-phenylether	10.733	248	7695	3.525	ng	# 1
75) Fluoranthene	12.651	202	22061	2.124	ng	97
87) Indeno(1,2,3-cd)pyrene	17.098	276	5951	3.733	ng	# 85
88) Benzo(b)fluoranthene	15.139	252	32205	2.762	ng	# 90
89) Benzo(k)fluoranthene	15.139	252	32205	2.835	ng	# 88
91) Dibenzo(a,h)anthracene	17.115	278	2871	3.549	ng	# 25
92) Benzo(g,h,i)perylene	17.562	276	5934	3.882	ng	# 86

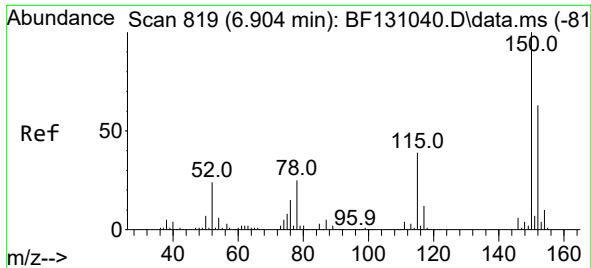
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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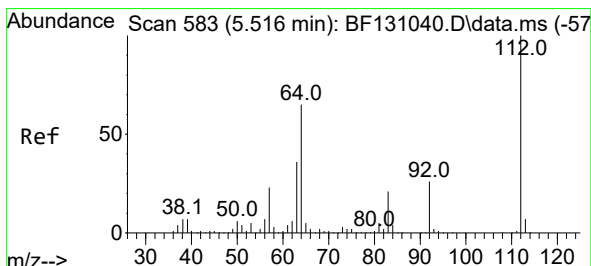
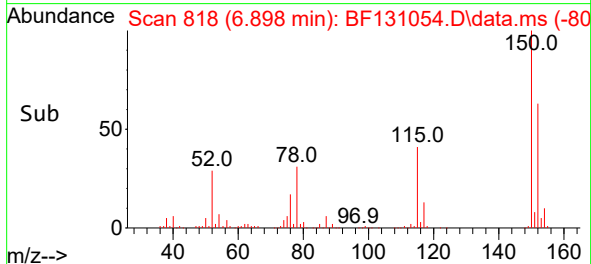
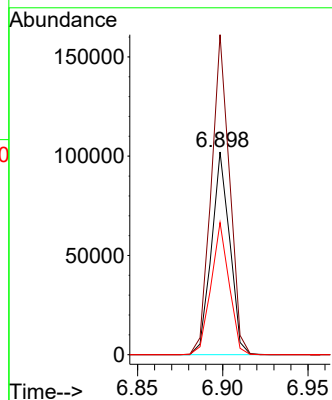
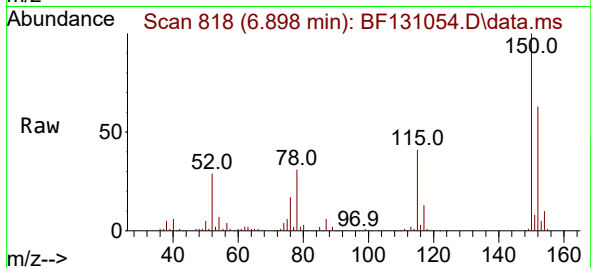




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

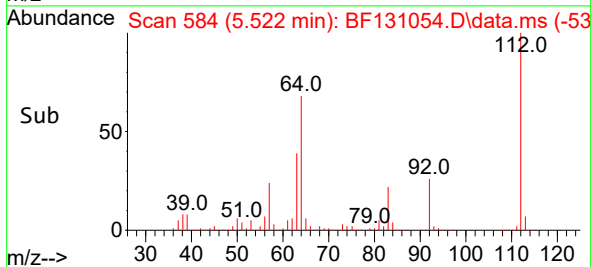
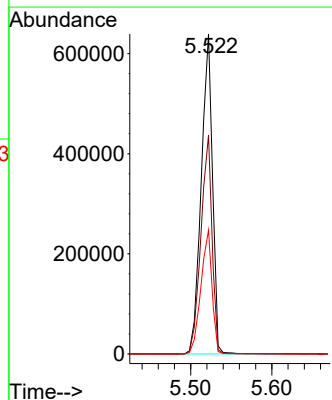
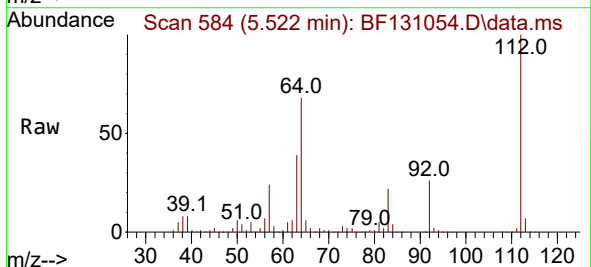
Instrument :
BNA_F
ClientSampleId :
R-21

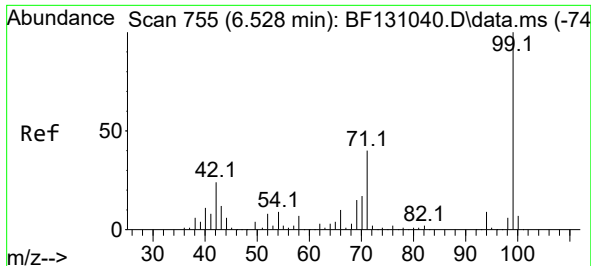
Tgt Ion:152 Resp: 76313
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 65.2 49.1 73.7



#5
2-Fluorophenol
Concen: 130.275 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

Tgt Ion:112 Resp: 616540
Ion Ratio Lower Upper
112 100
64 68.4 52.2 78.4
63 38.7 29.0 43.4

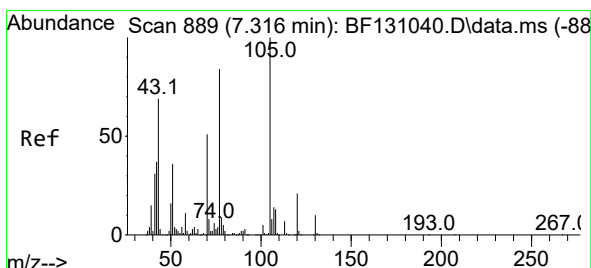
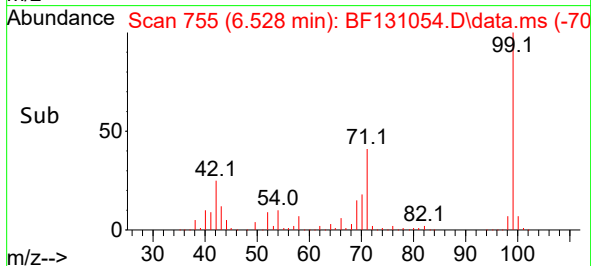
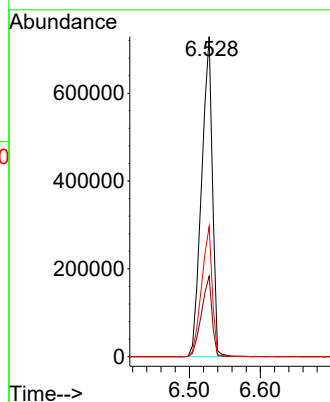
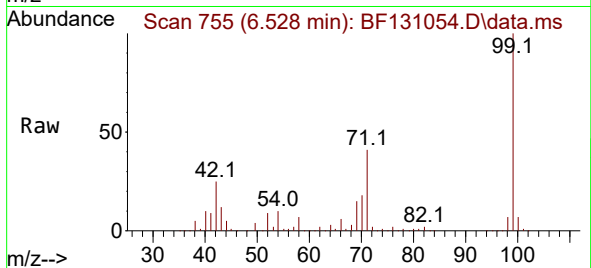




#7
Phenol-d6
Concen: 134.345 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

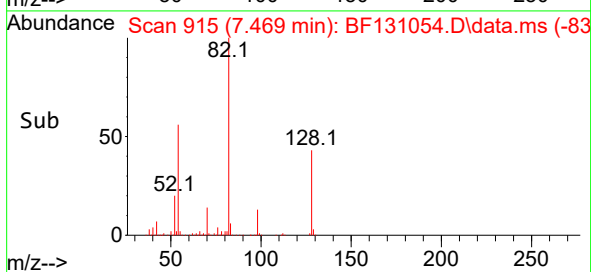
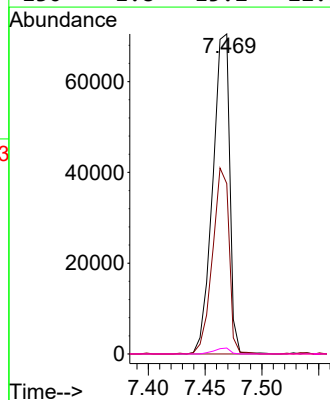
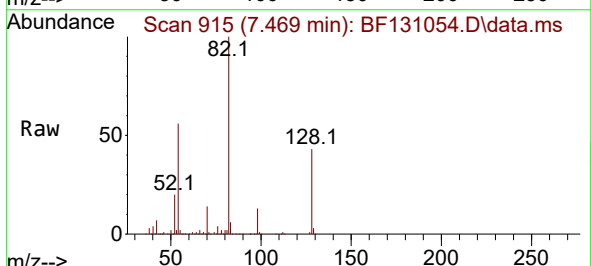
Instrument :
BNA_F
ClientSampleId :
R-21

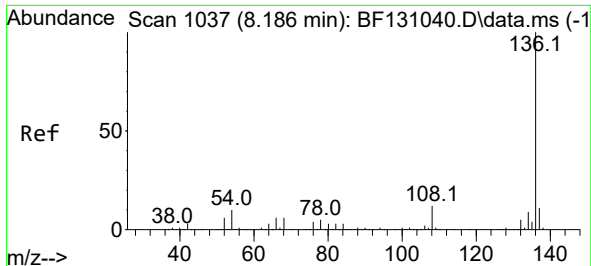
Tgt Ion: 99 Resp: 776032
Ion Ratio Lower Upper
99 100
42 25.1 19.4 29.0
71 40.7 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.790 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.153 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

Tgt Ion: 70 Resp: 73233
Ion Ratio Lower Upper
70 100
42 53.2 59.0 88.4#
101 0.0 8.0 12.0#
130 1.8 15.2 22.8#

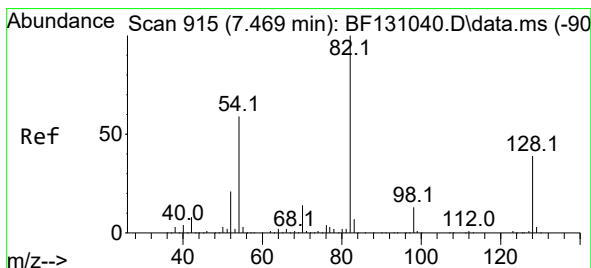
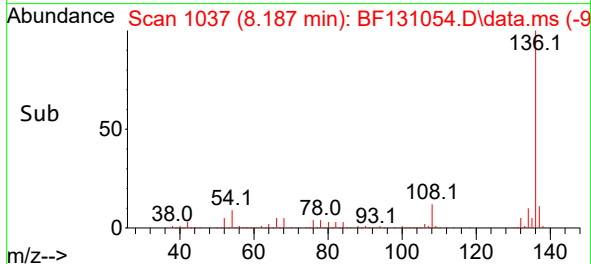
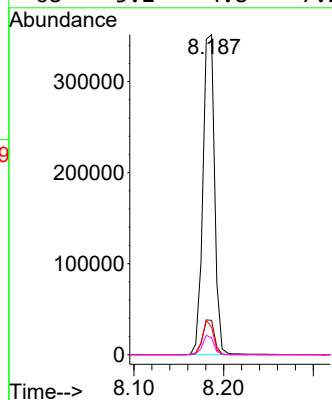
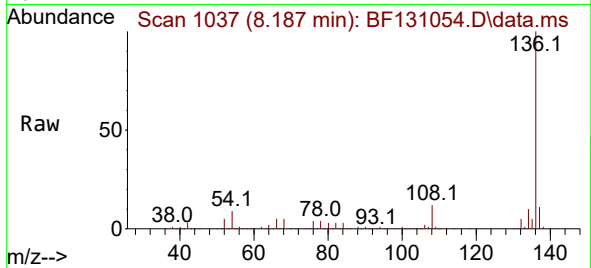




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

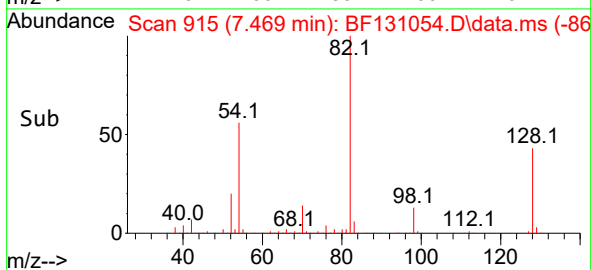
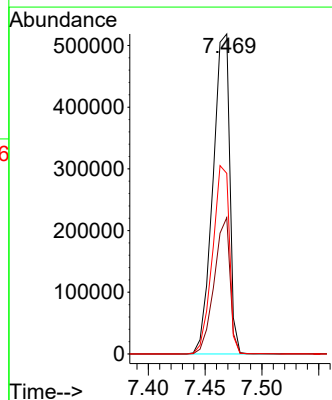
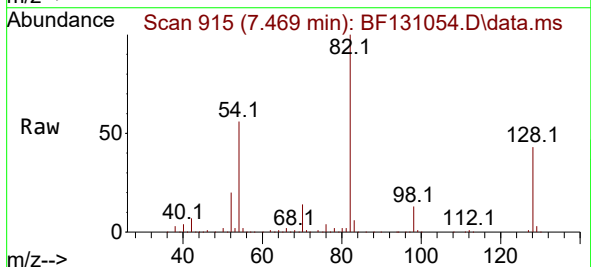
Instrument :
BNA_F
ClientSampleId :
R-21

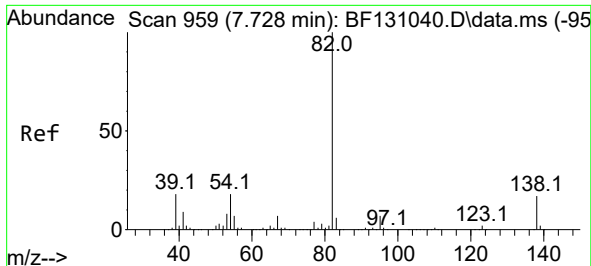
Tgt Ion:	136	Resp:	319222
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.6	8.2	12.2
68	5.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 77.435 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

Tgt Ion:	82	Resp:	533276
Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	56.5	47.2	70.8

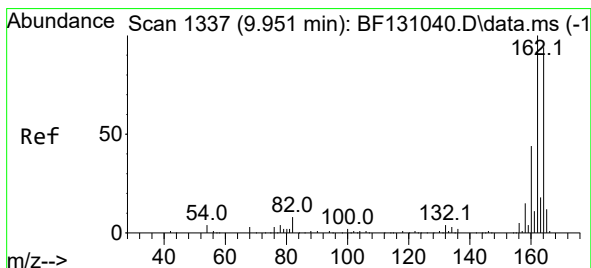
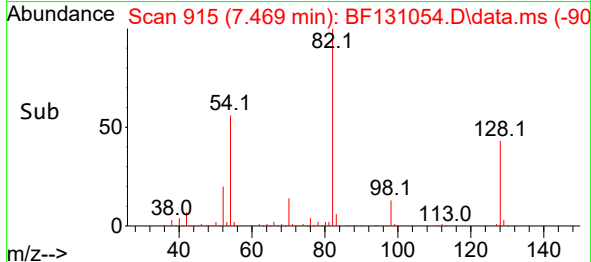
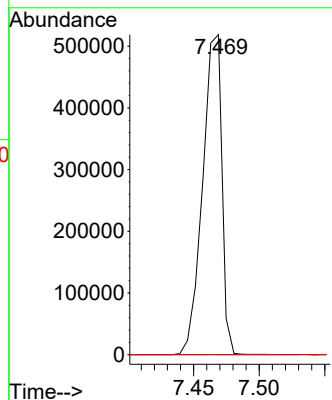
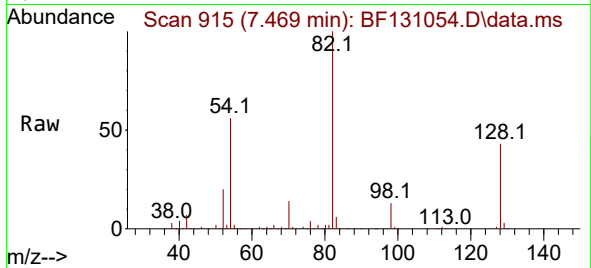




#25
Isophorone
Concen: 45.030 ng
RT: 7.469 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

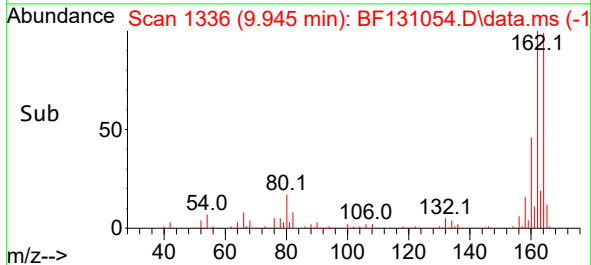
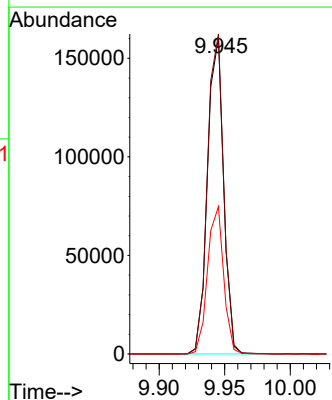
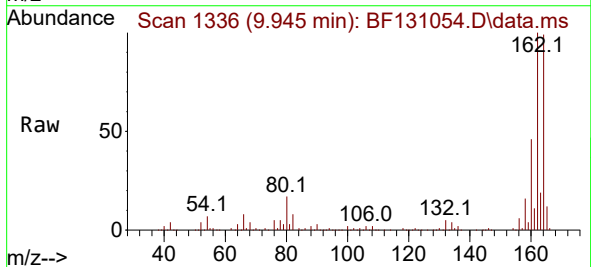
Instrument :
BNA_F
ClientSampleId :
R-21

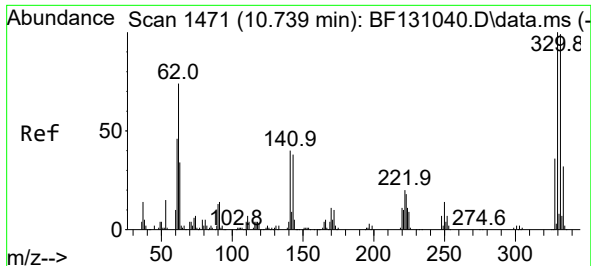
Tgt Ion: 82 Resp: 531545
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

Tgt Ion:164 Resp: 137436
Ion Ratio Lower Upper
164 100
162 101.2 85.0 127.6
160 46.6 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 84.476 ng

RT: 10.739 min Scan# 1471

Delta R.T. 0.000 min

Lab File: BF131054.D

Acq: 07 Nov 2022 21:10

Instrument :

BNA_F

ClientSampleId :

R-21

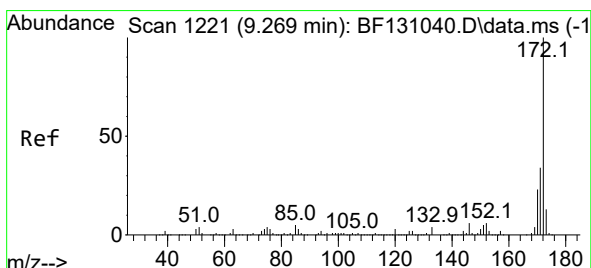
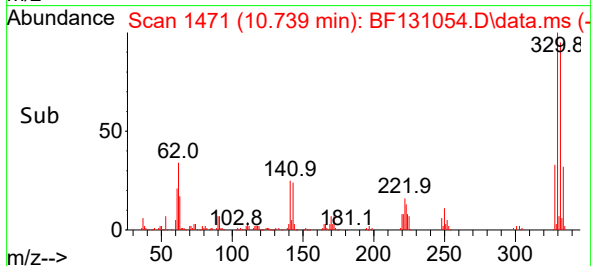
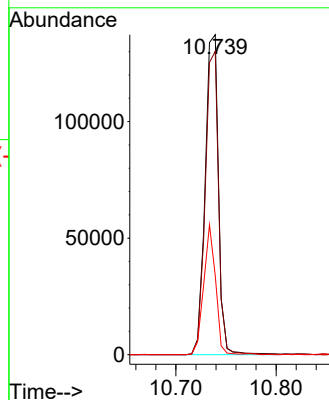
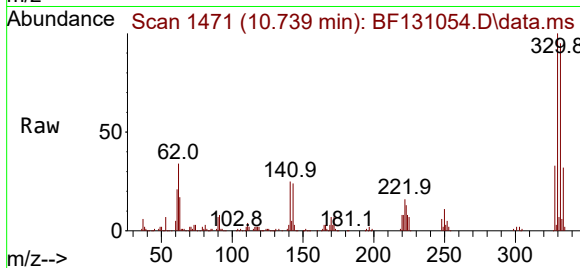
Tgt Ion:330 Resp: 127823

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.4

141 36.3 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 76.007 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131054.D

Acq: 07 Nov 2022 21:10

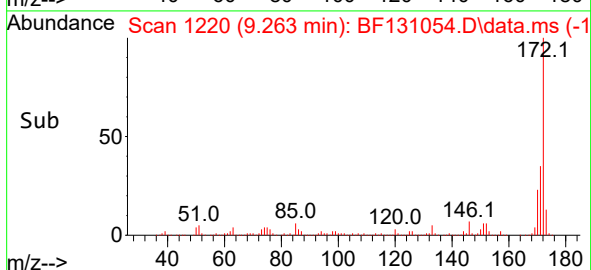
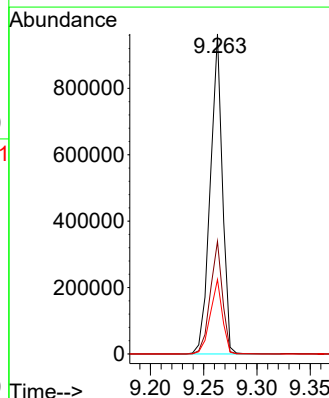
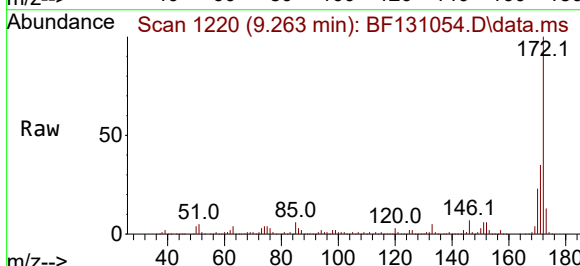
Tgt Ion:172 Resp: 766502

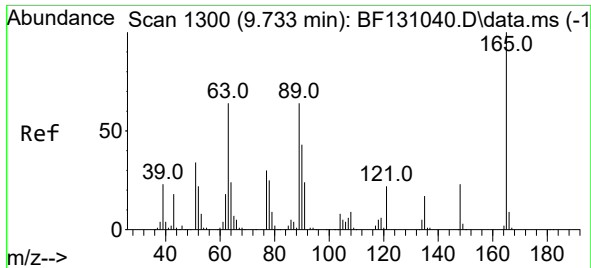
Ion Ratio Lower Upper

172 100

171 35.2 27.7 41.5

170 23.2 18.4 27.6

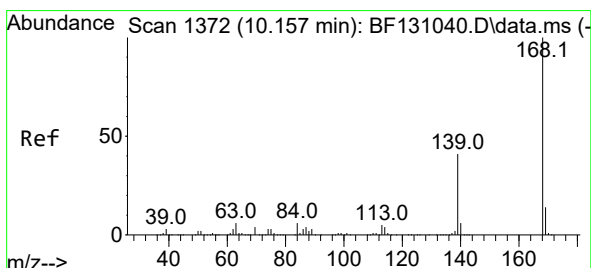
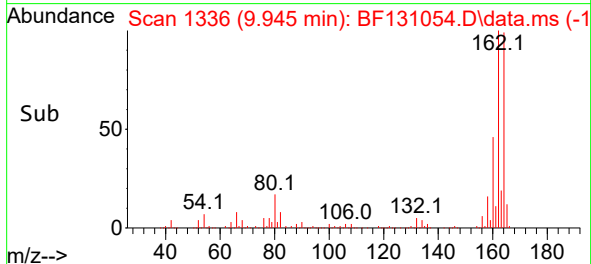
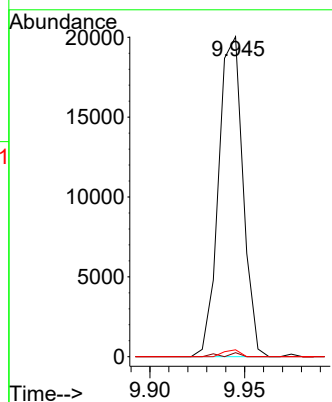
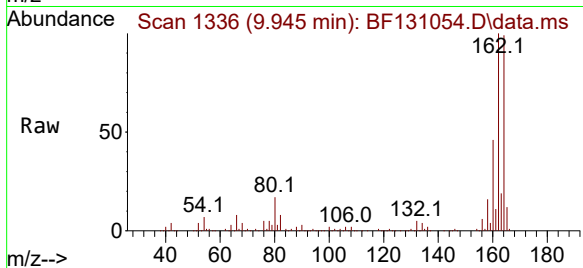




#51
2,6-Dinitrotoluene
Concen: 7.957 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

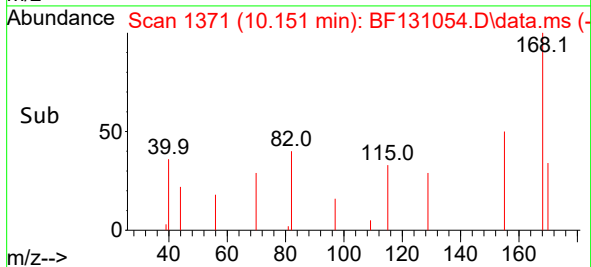
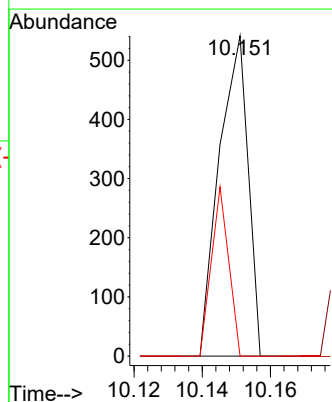
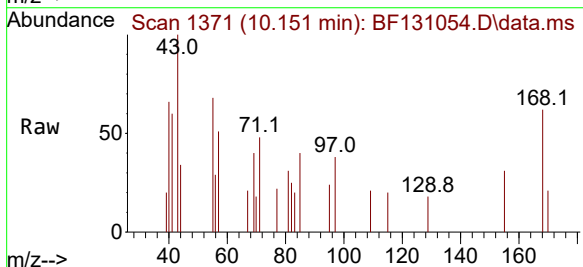
Instrument :
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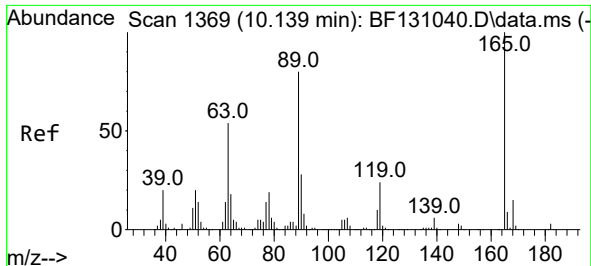
Tgt Ion:165 Resp: 17979
Ion Ratio Lower Upper
165 100
63 1.2 57.2 85.8#
89 2.2 51.4 77.2#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

Tgt Ion:168 Resp: 317
Ion Ratio Lower Upper
168 100
139 0.0 33.0 49.6#
169 0.0 11.3 16.9#

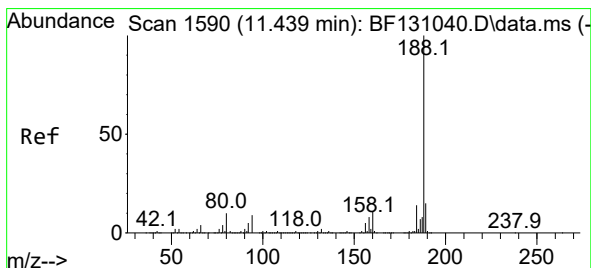
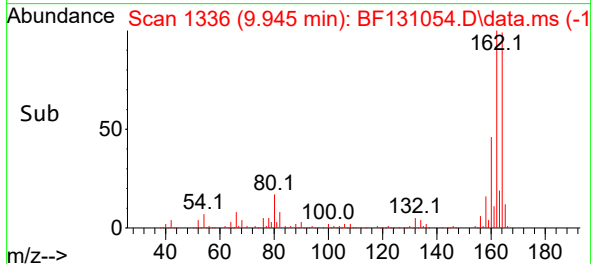
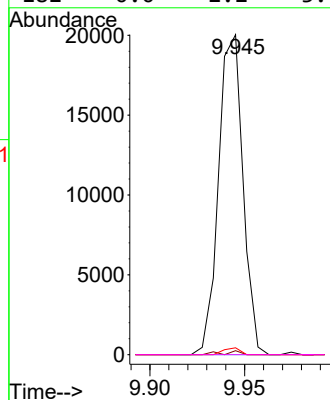
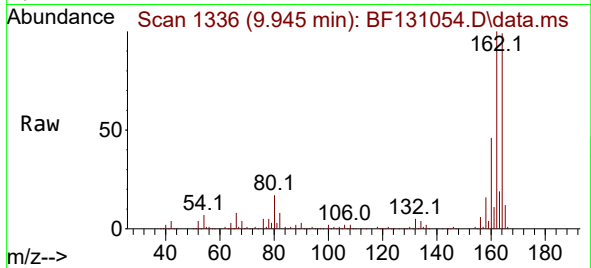




#57
2,4-Dinitrotoluene
Concen: 6.125 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

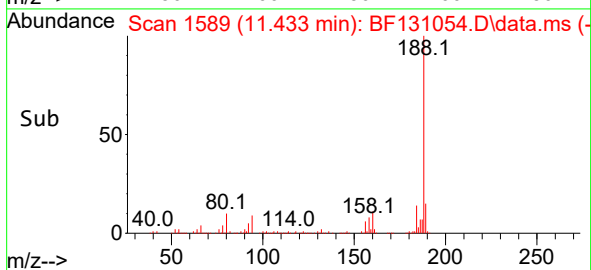
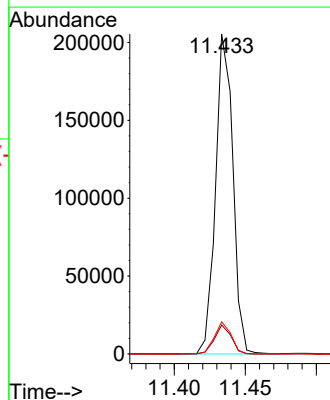
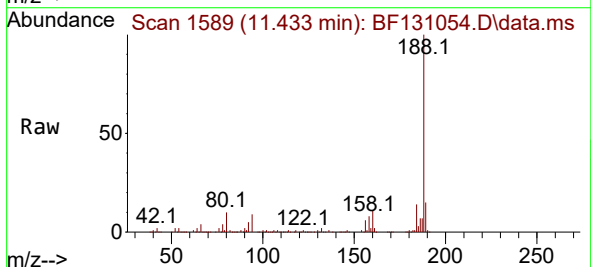
Instrument :
BNA_F
ClientSampleId :
R-21

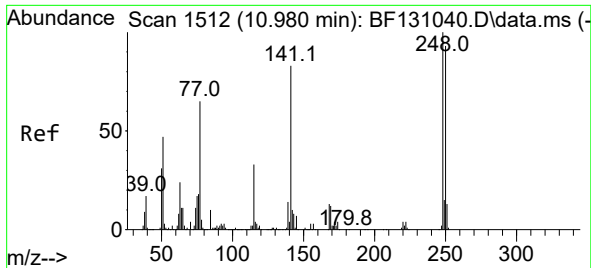
Tgt Ion:165 Resp: 17979
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.0#
89 2.2 64.0 96.0#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

Tgt Ion:188 Resp: 173751
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.0 8.1 12.1

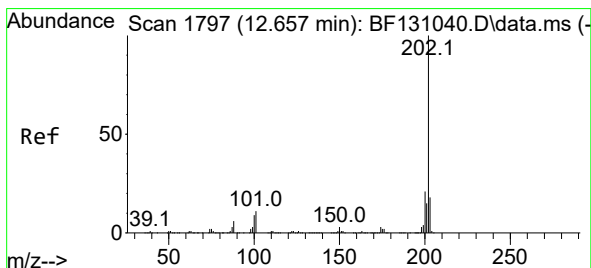
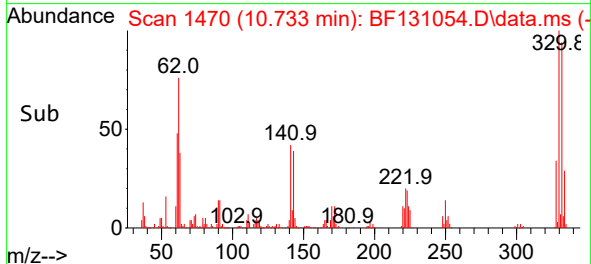
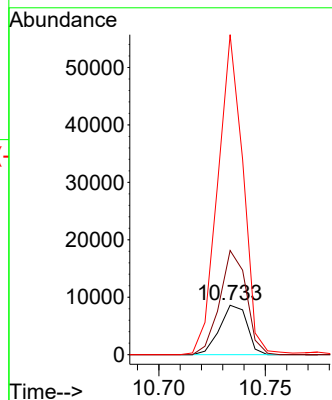
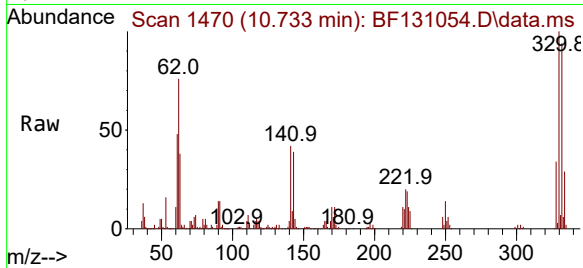




#67
4-Bromophenyl-phenylether
Concen: 3.525 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

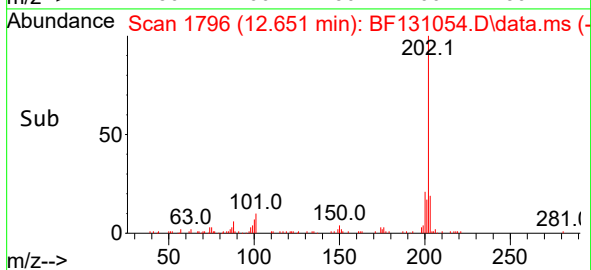
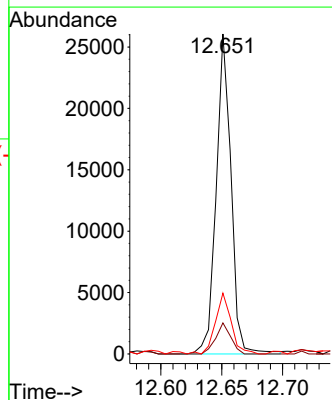
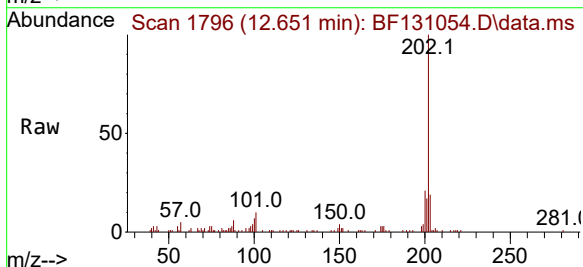
Instrument :
BNA_F
ClientSampleId :
R-21

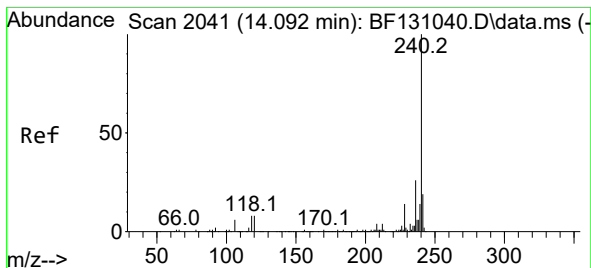
Tgt Ion:248 Resp: 7695
Ion Ratio Lower Upper
248 100
250 210.4 74.6 112.0#
141 646.3 66.2 99.2#



#75
Fluoranthene
Concen: 2.124 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

Tgt Ion:202 Resp: 22061
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.9
203 19.0 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BF131054.D

Acq: 07 Nov 2022 21:10

Instrument :

BNA_F

ClientSampleId :

R-21

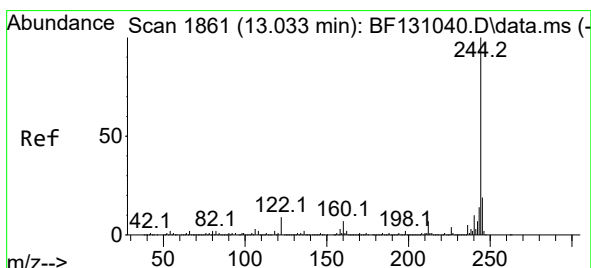
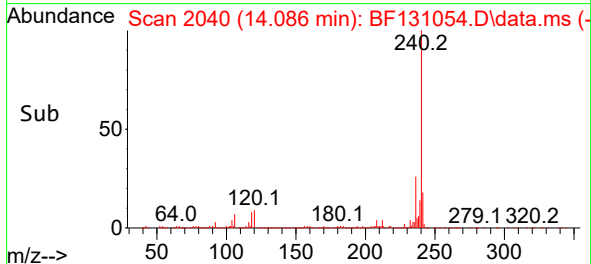
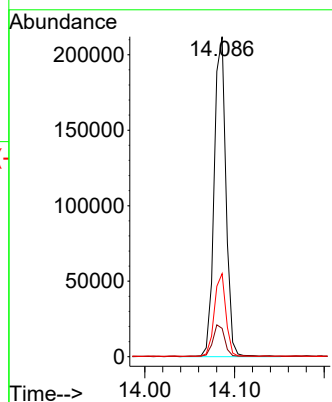
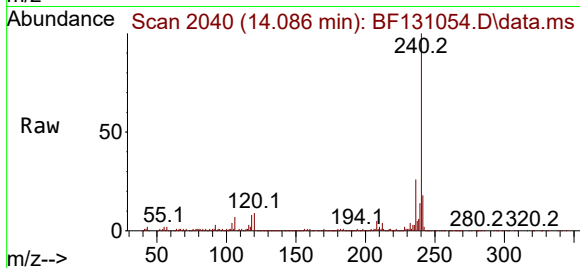
Tgt Ion:240 Resp: 193230

Ion Ratio Lower Upper

240 100

120 8.8 6.7 10.1

236 26.0 20.8 31.2



#79

Terphenyl-d14

Concen: 51.116 ng

RT: 13.027 min Scan# 1860

Delta R.T. -0.006 min

Lab File: BF131054.D

Acq: 07 Nov 2022 21:10

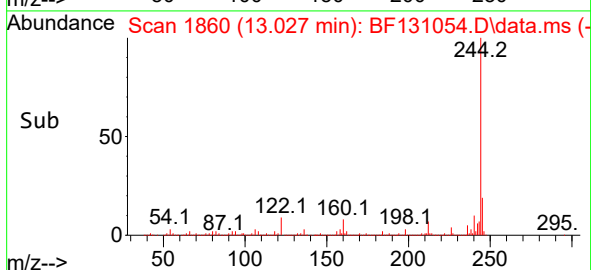
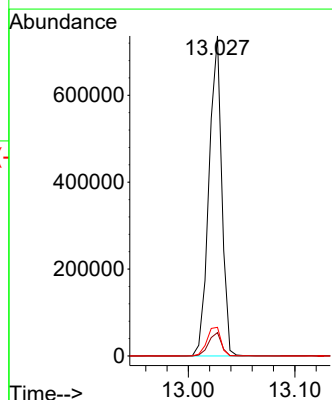
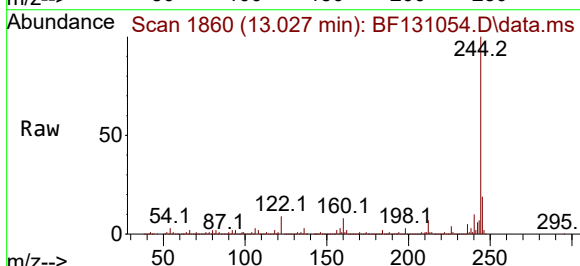
Tgt Ion:244 Resp: 616073

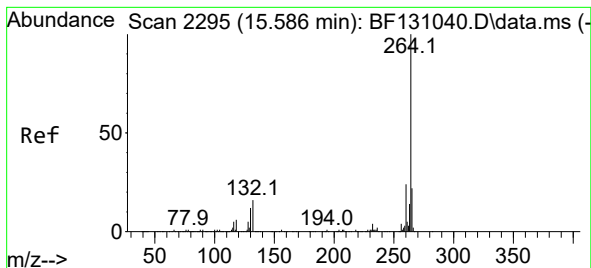
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.0 7.0 10.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131054.D

Acq: 07 Nov 2022 21:10

Instrument :

BNA_F

ClientSampleId :

R-21

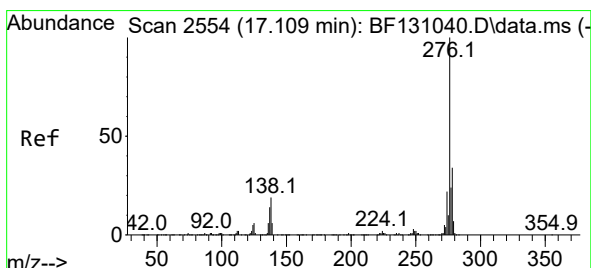
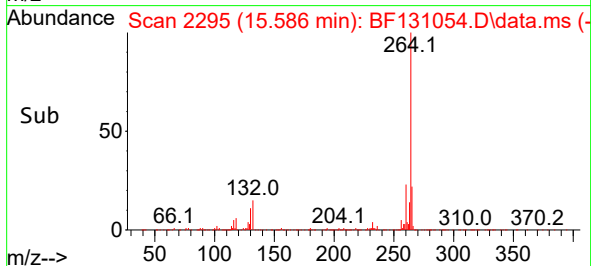
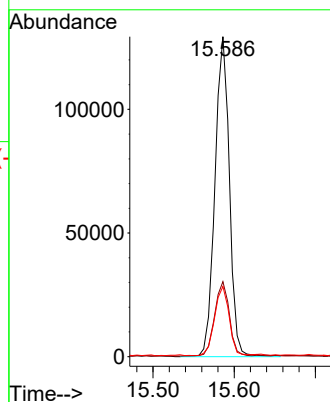
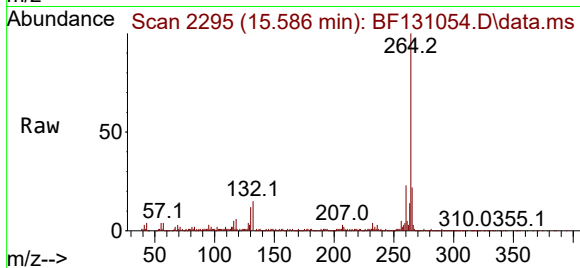
Tgt Ion:264 Resp: 160443

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 22.0 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.733 ng

RT: 17.098 min Scan# 2552

Delta R.T. -0.011 min

Lab File: BF131054.D

Acq: 07 Nov 2022 21:10

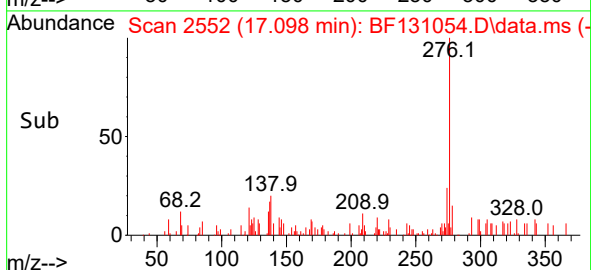
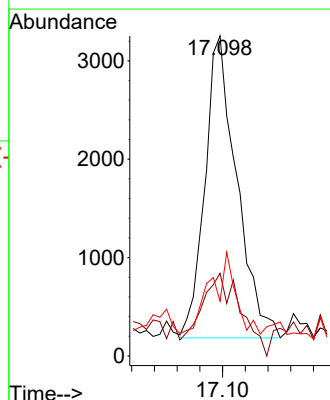
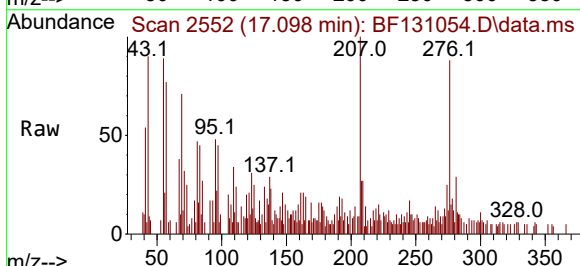
Tgt Ion:276 Resp: 5951

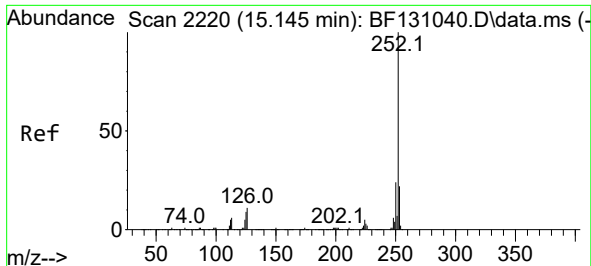
Ion Ratio Lower Upper

276 100

138 34.4 17.3 25.9#

277 23.1 20.2 30.4

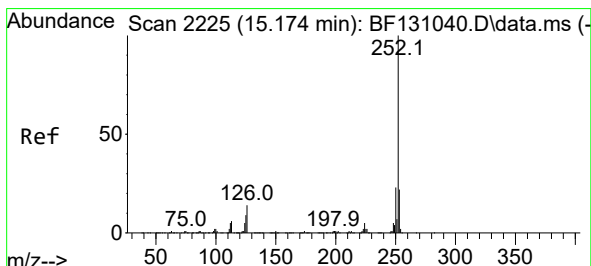
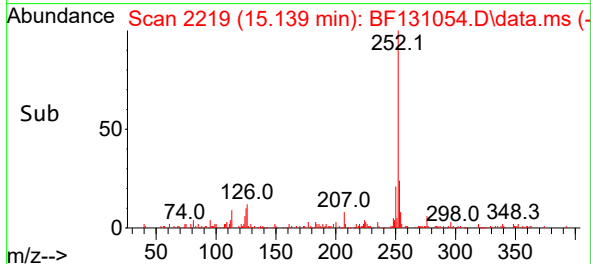
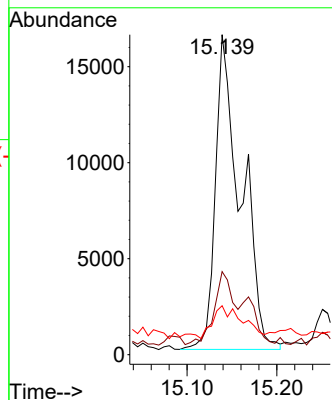
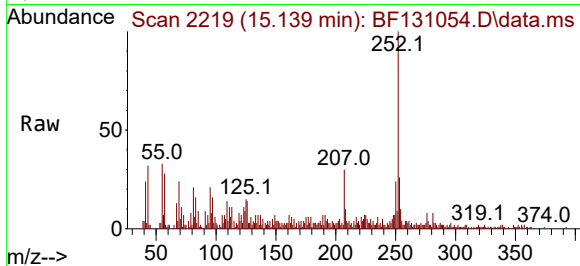




#88
Benzo(b)fluoranthene
Concen: 2.762 ng
RT: 15.139 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

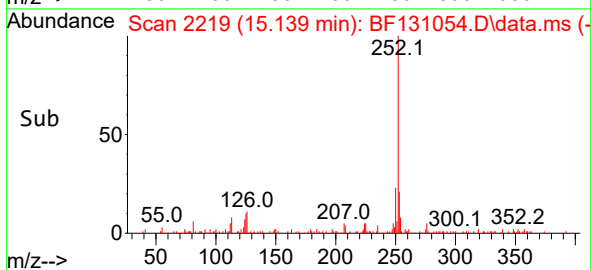
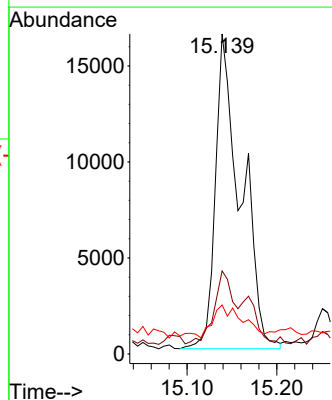
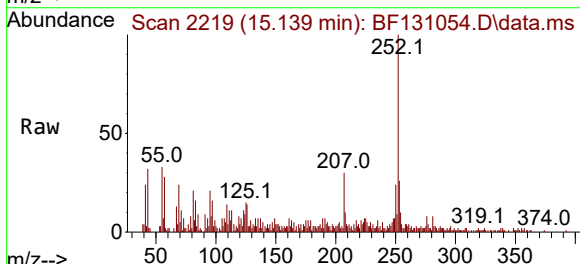
Instrument :
BNA_F
ClientSampleId :
R-21

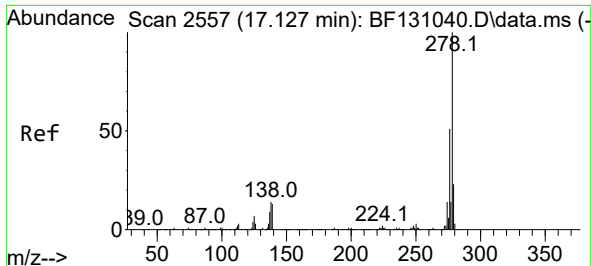
Tgt Ion:252 Resp: 32205
Ion Ratio Lower Upper
252 100
253 26.0 17.9 26.9
125 15.3 7.1 10.7#



#89
Benzo(k)fluoranthene
Concen: 2.835 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.035 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

Tgt Ion:252 Resp: 32205
Ion Ratio Lower Upper
252 100
253 26.0 17.1 25.7#
125 15.3 7.2 10.8#

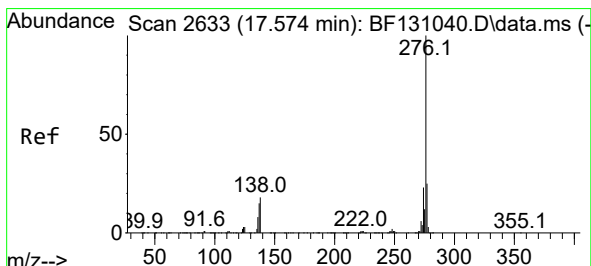
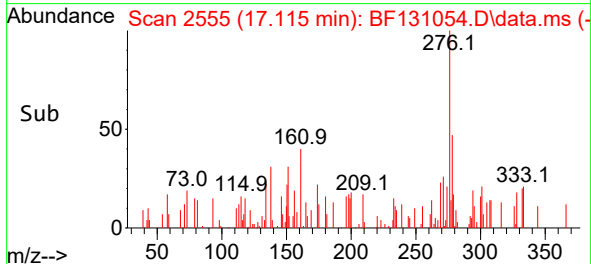
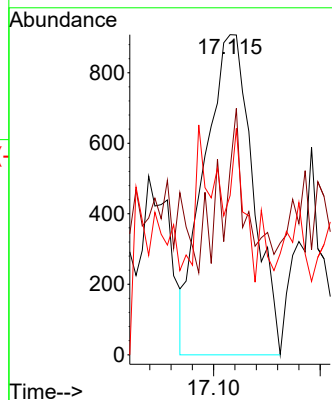
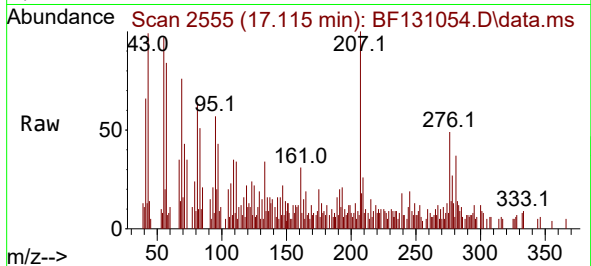




#91
Dibenzo(a,h)anthracene
Concen: 3.549 ng
RT: 17.115 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

Instrument :
BNA_F
ClientSampleId :
R-21

Tgt Ion:278 Resp: 2871
Ion Ratio Lower Upper
278 100
139 57.9 10.8 16.2#
279 49.8 18.7 28.1#



#92
Benzo(g,h,i)perylene
Concen: 3.882 ng
RT: 17.562 min Scan# 2631
Delta R.T. -0.012 min
Lab File: BF131054.D
Acq: 07 Nov 2022 21:10

Tgt Ion:276 Resp: 5934
Ion Ratio Lower Upper
276 100
277 32.4 20.0 30.0#
138 24.1 14.8 22.2#

