

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131133.D
 Acq On : 10 Nov 2022 20:39
 Operator : CG\JU
 Sample : N5520-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124042

Quant Time: Nov 11 00:51:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

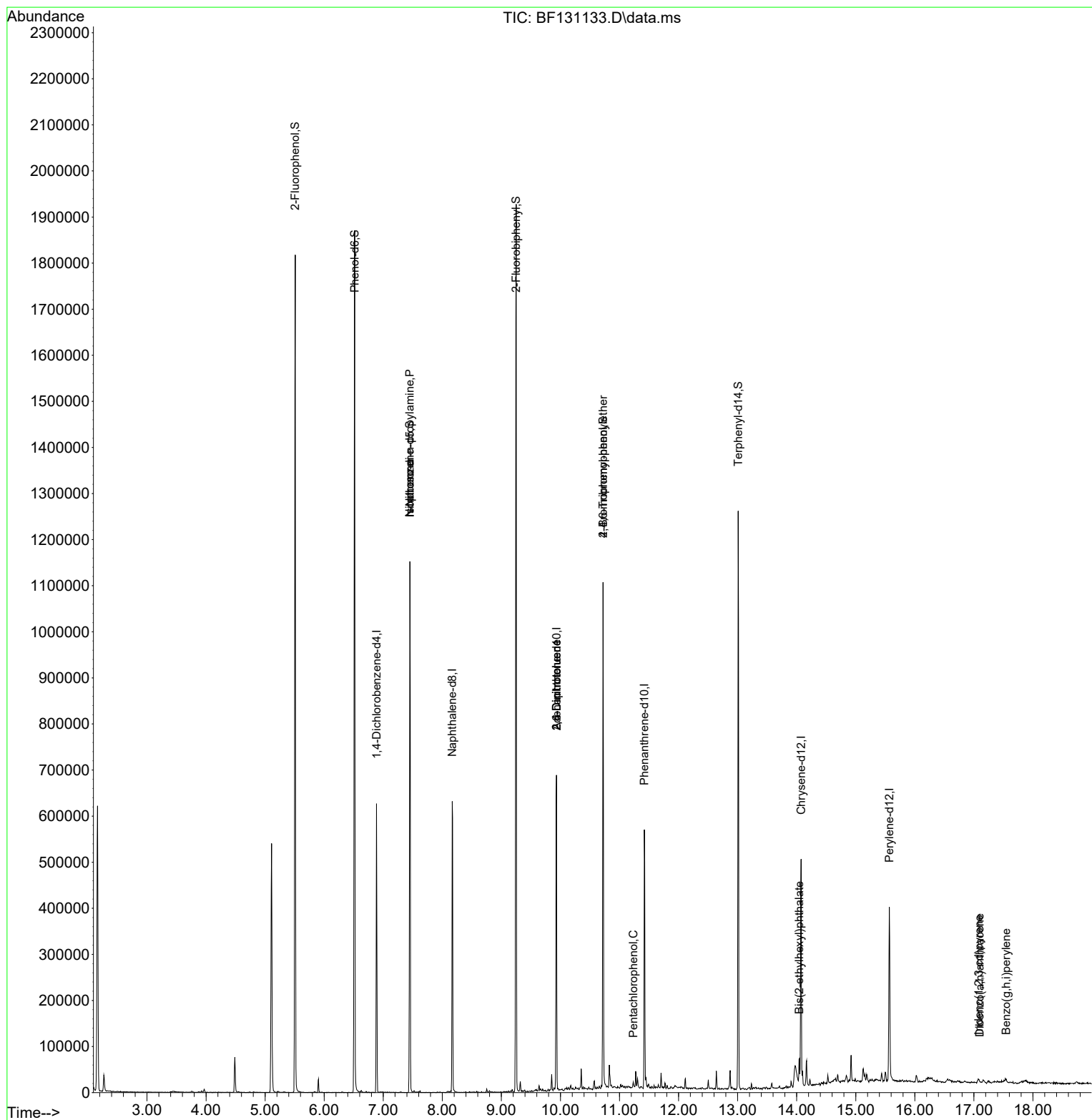
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	77348	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	271240	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	136623	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	202481	20.000	ng	0.00
76) Chrysene-d12	14.074	240	161994	20.000	ng	0.00
86) Perylene-d12	15.568	264	162858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	432861	95.171	ng	0.00
7) Phenol-d6	6.516	99	563808	94.818	ng	0.00
23) Nitrobenzene-d5	7.451	82	353641	58.826	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	113323	80.259	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	568062	58.043	ng	0.00
79) Terphenyl-d14	13.010	244	401699	43.477	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	48437	12.406	ng	# 75
25) Isophorone	7.451	82	353637	38.045	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	18367	8.600	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	18367	6.469	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	7459	3.258	ng	# 1
70) Pentachlorophenol	11.233	266	2193	7.098	ng	# 81
84) Bis(2-ethylhexyl)phtha...	14.045	149	14599	2.718	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	5213	4.225	ng	# 95
91) Dibenzo(a,h)anthracene	17.098	278	1932	4.004	ng	# 93
92) Benzo(g,h,i)perylene	17.545	276	4998	4.763	ng	# 90

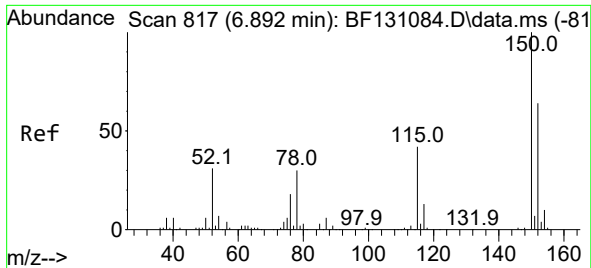
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
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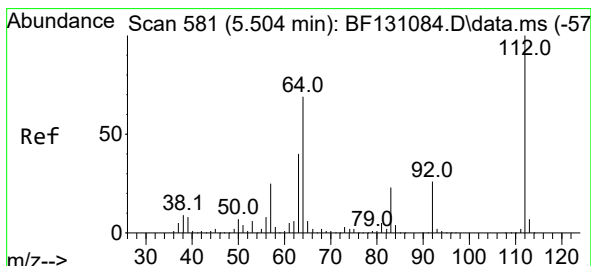
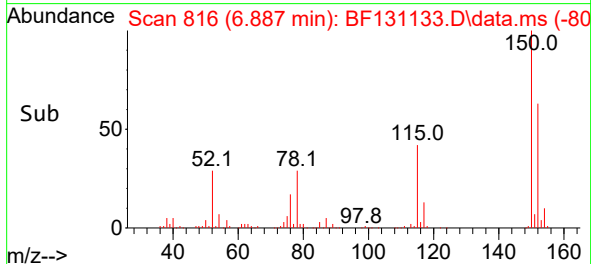
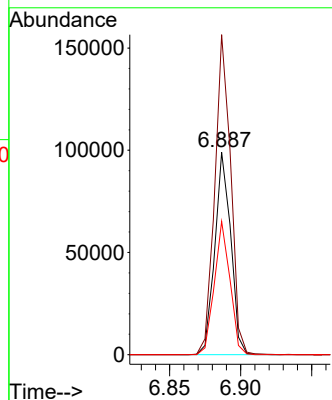
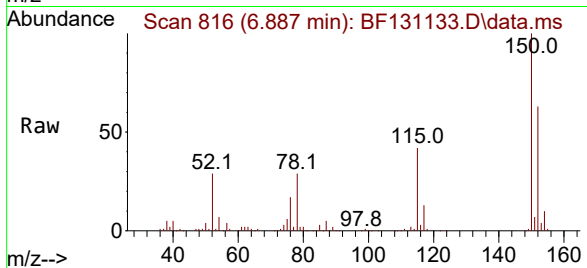




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF131133.D
 Acq: 10 Nov 2022 20:39

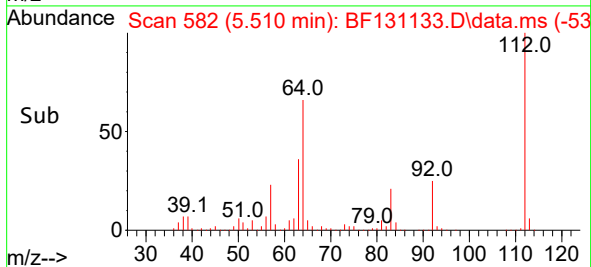
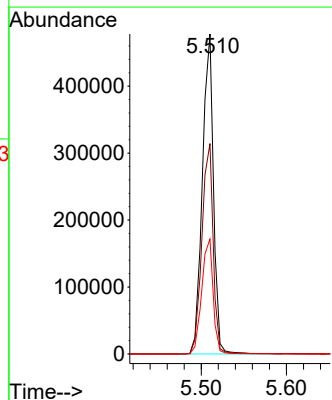
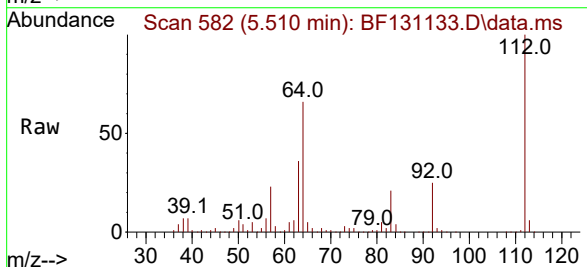
Instrument :
 BNA_F
 ClientSampleId :
 124042

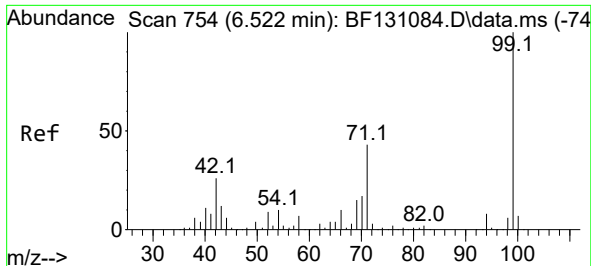
Tgt Ion:152 Resp: 77348
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.5 188.3
 115 65.8 52.2 78.2



#5
 2-Fluorophenol
 Concen: 95.171 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF131133.D
 Acq: 10 Nov 2022 20:39

Tgt Ion:112 Resp: 432861
 Ion Ratio Lower Upper
 112 100
 64 65.7 55.1 82.7
 63 35.9 32.4 48.6

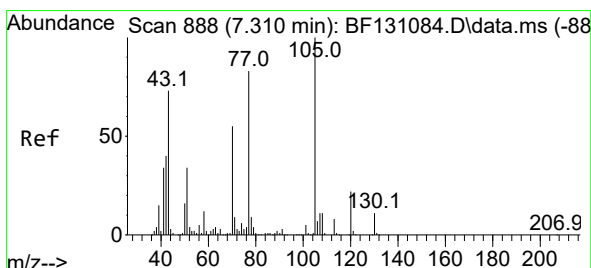
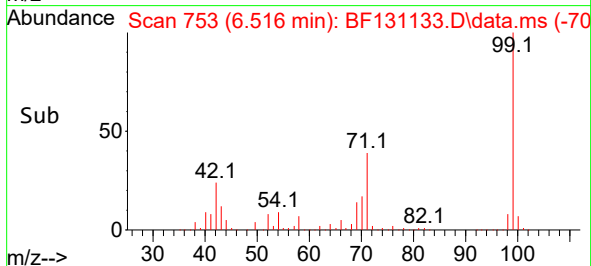
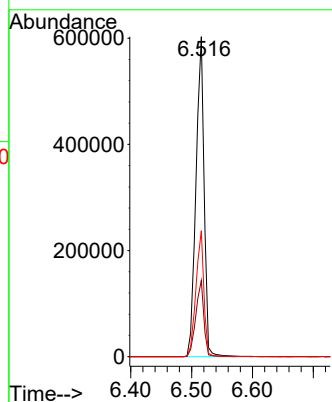
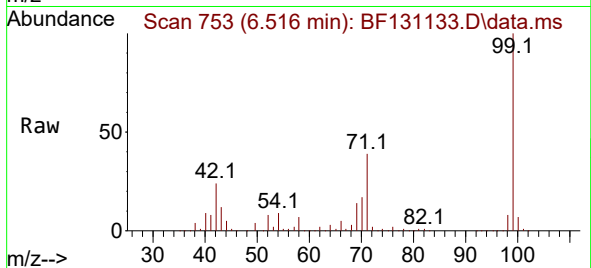




#7
Phenol-d6
Concen: 94.818 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131133.D
Acq: 10 Nov 2022 20:39

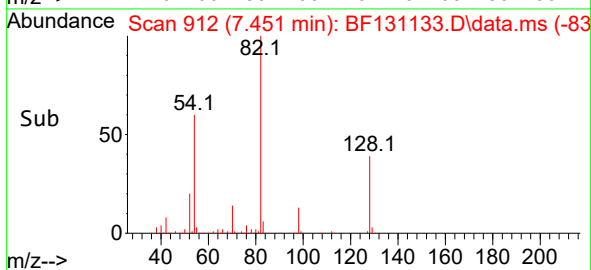
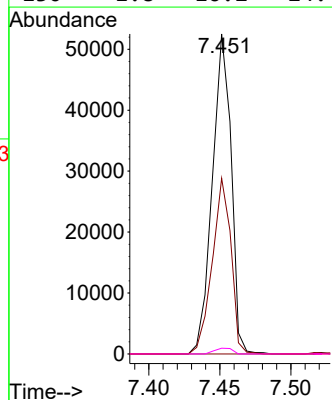
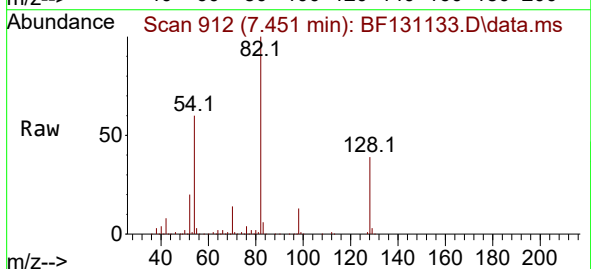
Instrument :
BNA_F
ClientSampleId :
124042

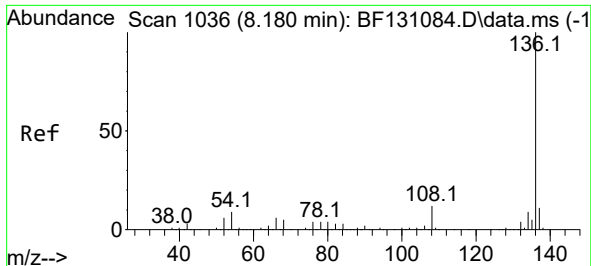
Tgt Ion: 99 Resp: 563808
Ion Ratio Lower Upper
99 100
42 23.8 20.8 31.2
71 39.4 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.406 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131133.D
Acq: 10 Nov 2022 20:39

Tgt Ion: 70 Resp: 48437
Ion Ratio Lower Upper
70 100
42 54.9 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: 8.169 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF131133.D

Acq: 10 Nov 2022 20:39

Instrument :

BNA_F

ClientSampleId :

124042

Tgt Ion:136 Resp: 271240

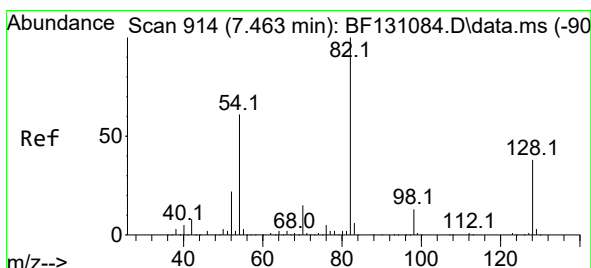
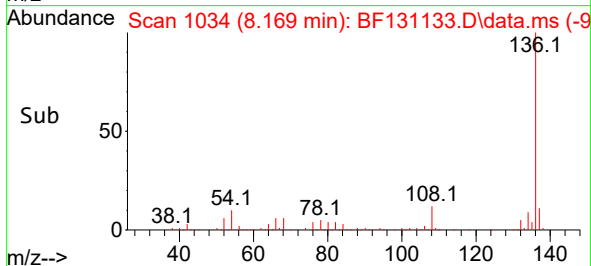
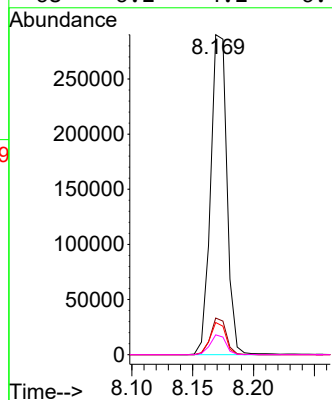
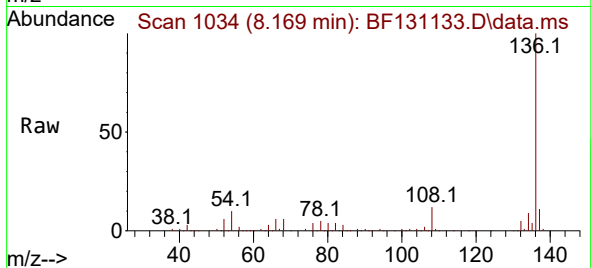
Ion Ratio Lower Upper

136 100

137 11.4 8.6 12.8

54 10.0 7.2 10.8

68 6.2 4.2 6.4



#23

Nitrobenzene-d5

Concen: 58.826 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF131133.D

Acq: 10 Nov 2022 20:39

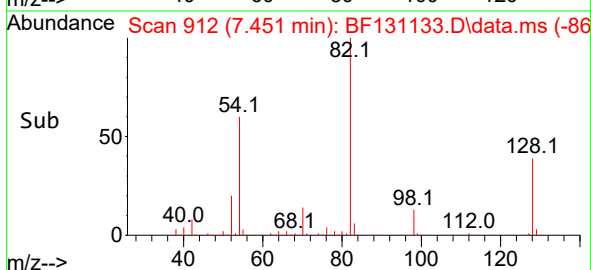
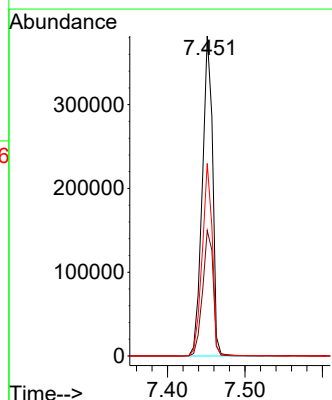
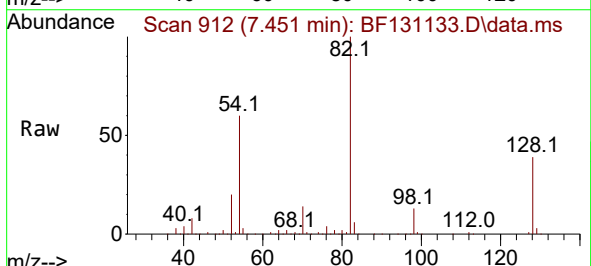
Tgt Ion: 82 Resp: 353641

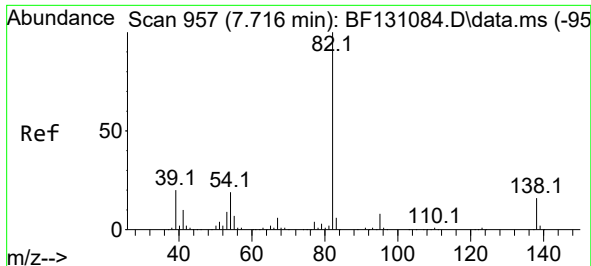
Ion Ratio Lower Upper

82 100

128 39.2 30.5 45.7

54 60.2 49.1 73.7

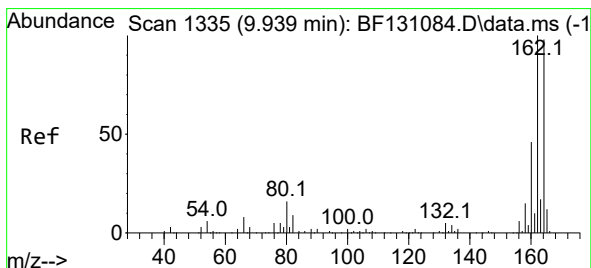
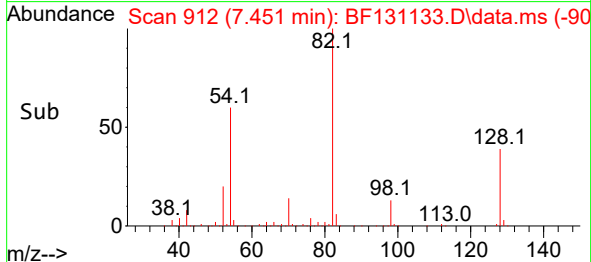
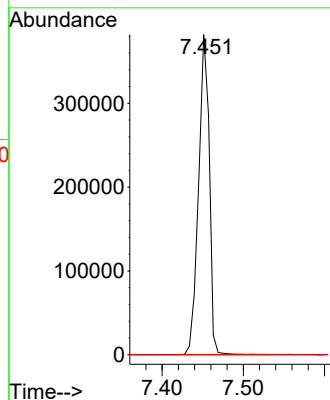
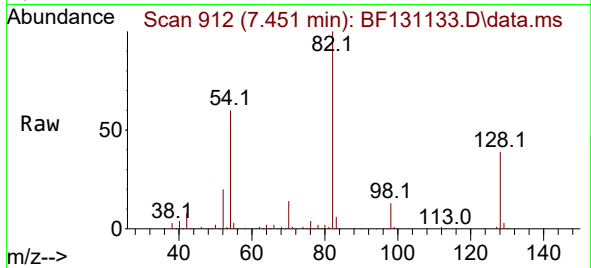




#25
Isophorone
Concen: 38.045 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131133.D
Acq: 10 Nov 2022 20:39

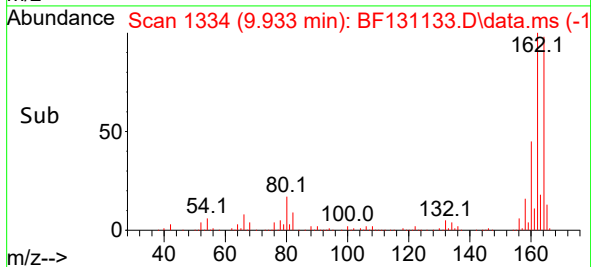
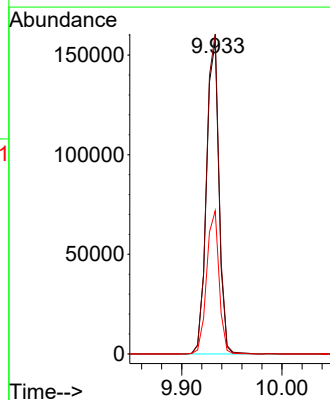
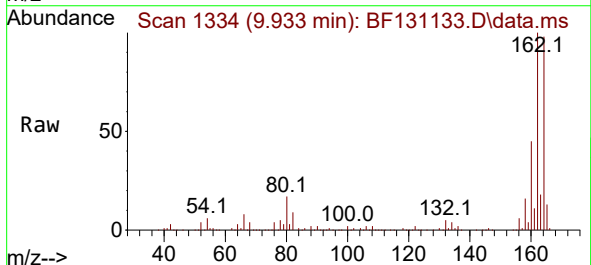
Instrument :
BNA_F
ClientSampleId :
124042

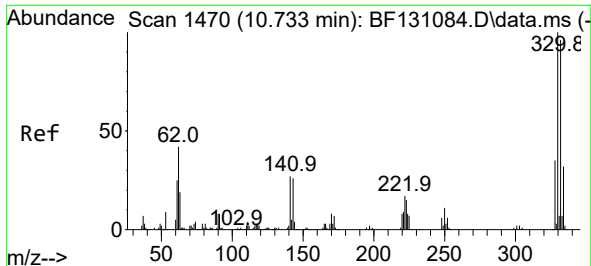
Tgt Ion: 82 Resp: 353637
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131133.D
Acq: 10 Nov 2022 20:39

Tgt Ion:164 Resp: 136623
Ion Ratio Lower Upper
164 100
162 102.2 81.7 122.5
160 45.8 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 80.259 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.012 min

Lab File: BF131133.D

Acq: 10 Nov 2022 20:39

Instrument :

BNA_F

ClientSampleId :

124042

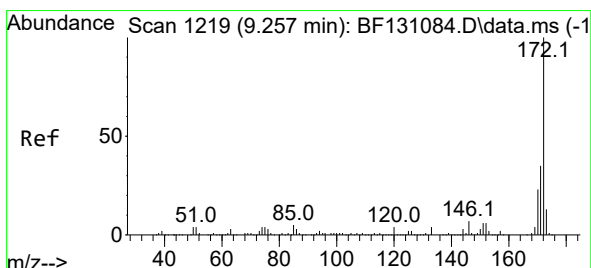
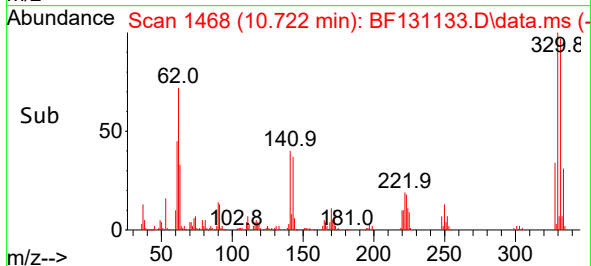
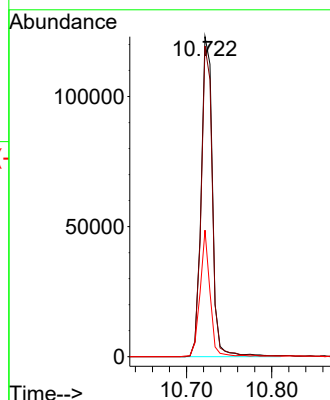
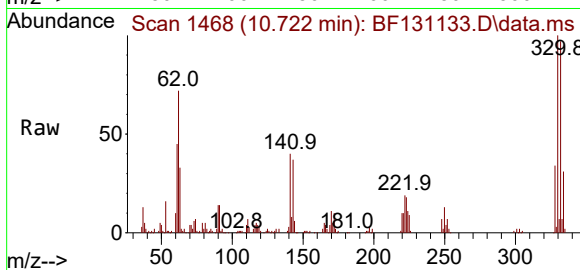
Tgt Ion:330 Resp: 113323

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 35.3 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 58.043 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131133.D

Acq: 10 Nov 2022 20:39

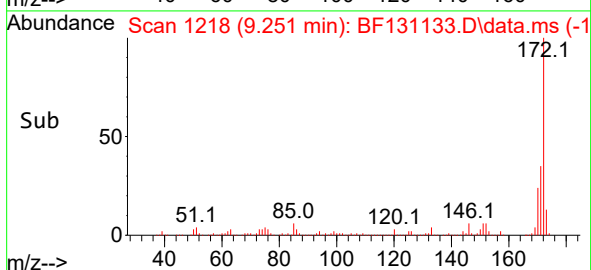
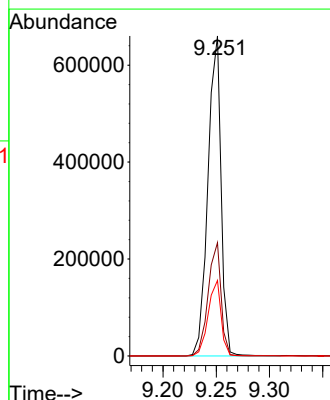
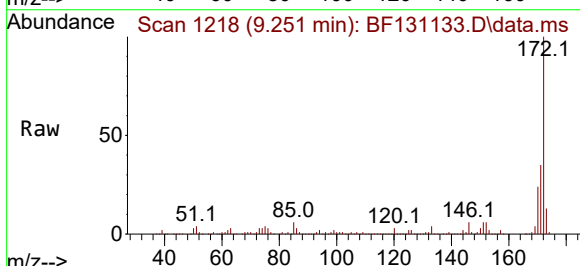
Tgt Ion:172 Resp: 568062

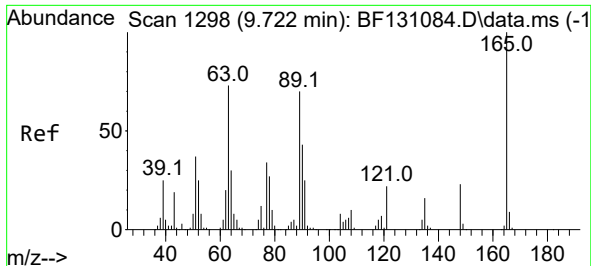
Ion Ratio Lower Upper

172 100

171 35.4 27.7 41.5

170 23.6 18.8 28.2

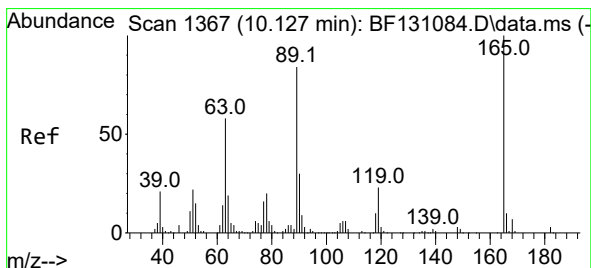
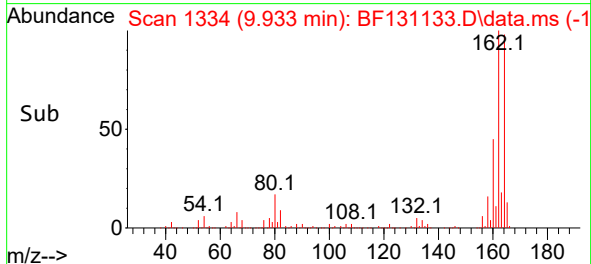
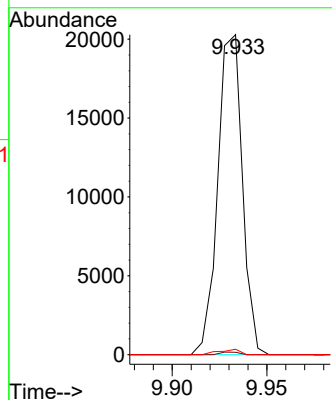
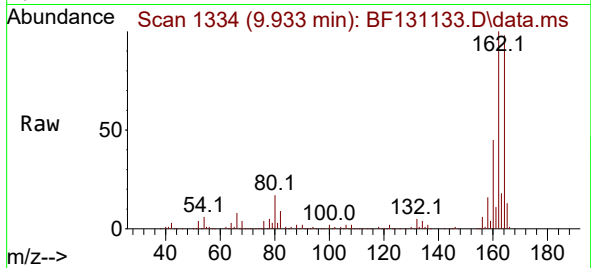




#51
2,6-Dinitrotoluene
Concen: 8.600 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131133.D
Acq: 10 Nov 2022 20:39

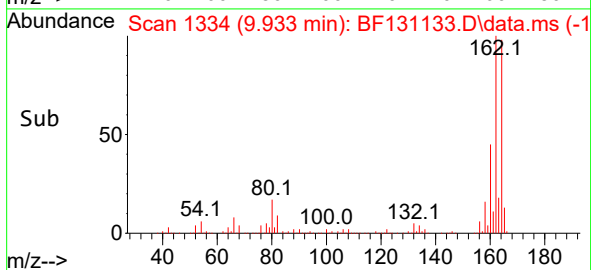
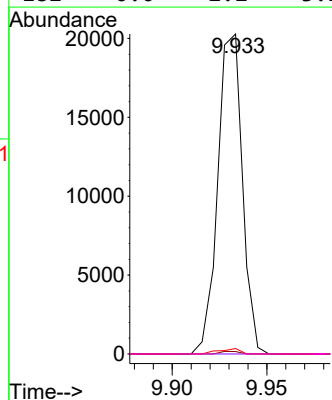
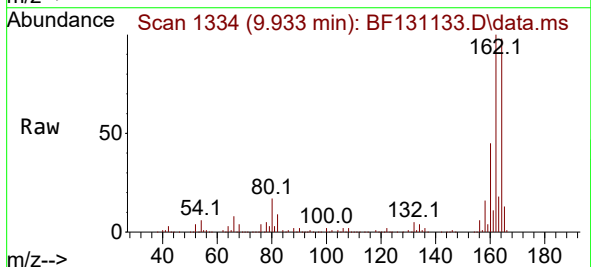
Instrument :
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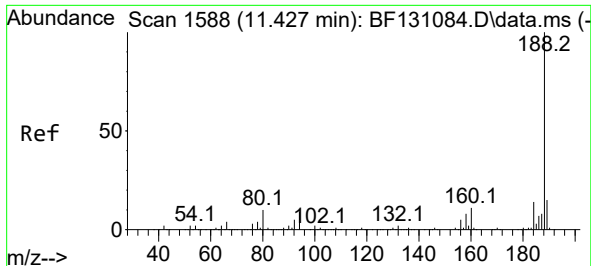
Tgt Ion:165 Resp: 18367
Ion Ratio Lower Upper
165 100
63 0.7 61.4 92.2#
89 1.7 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.469 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131133.D
Acq: 10 Nov 2022 20:39

Tgt Ion:165 Resp: 18367
Ion Ratio Lower Upper
165 100
63 0.7 46.9 70.3#
89 1.7 66.9 100.3#
182 0.0 2.2 3.2#

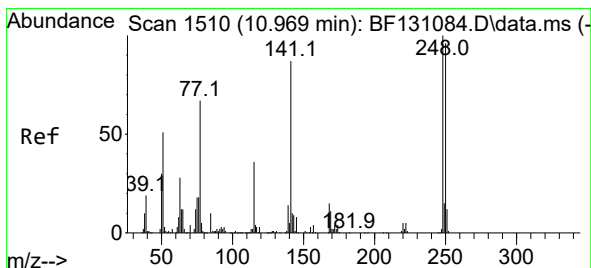
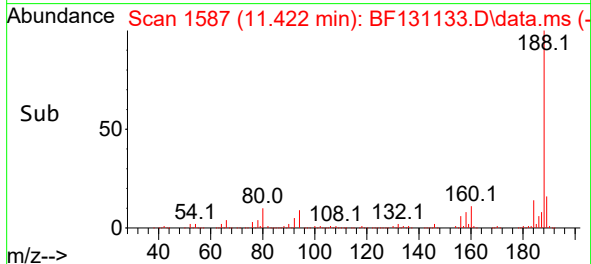
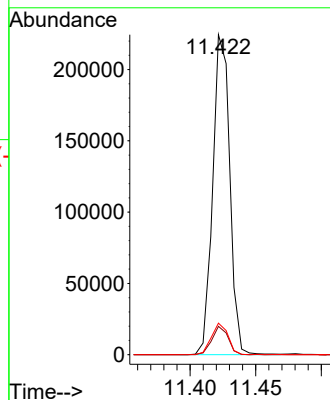
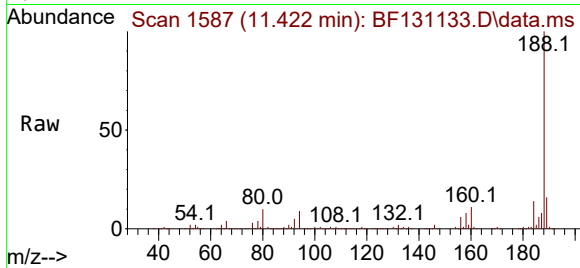




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF131133.D
Acq: 10 Nov 2022 20:39

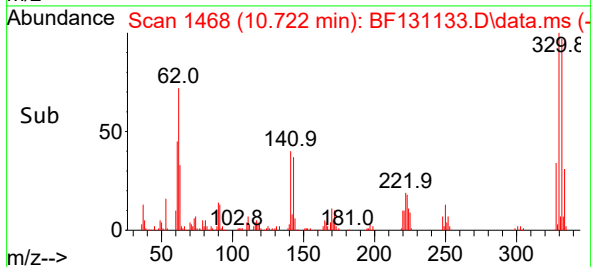
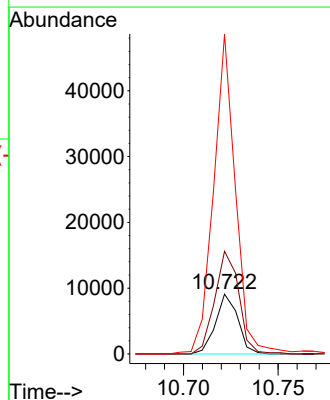
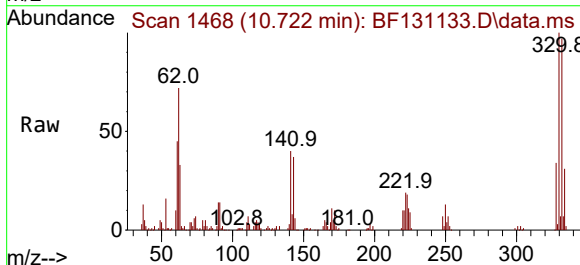
Instrument :
BNA_F
ClientSampleId :
124042

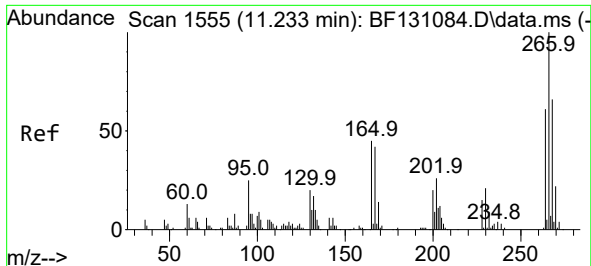
Tgt Ion:188 Resp: 202481
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.8 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.258 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF131133.D
Acq: 10 Nov 2022 20:39

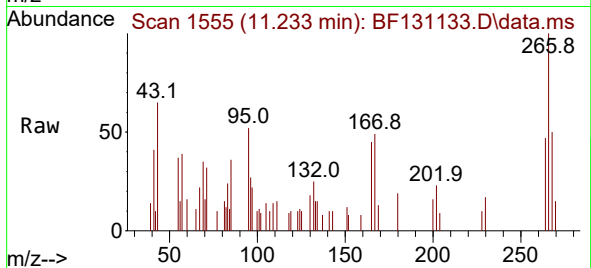
Tgt Ion:248 Resp: 7459
Ion Ratio Lower Upper
248 100
250 171.5 77.0 115.6#
141 534.1 69.7 104.5#



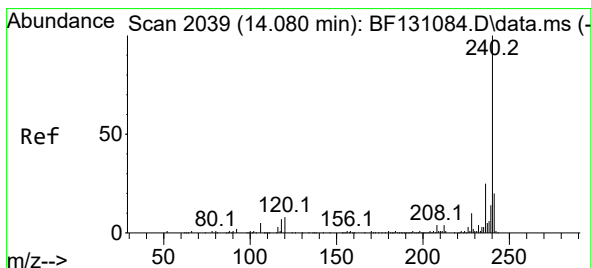
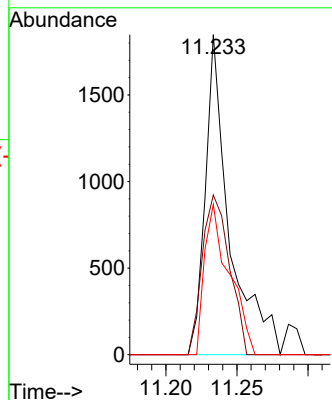
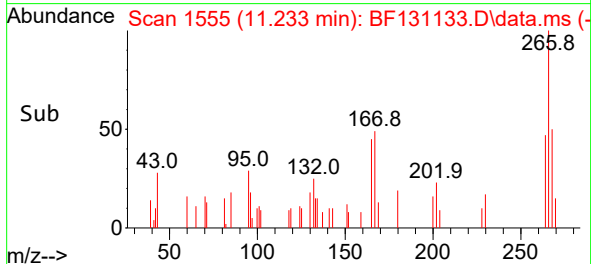


#70
 Pentachlorophenol
 Concen: 7.098 ng
 RT: 11.233 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131133.D
 Acq: 10 Nov 2022 20:39

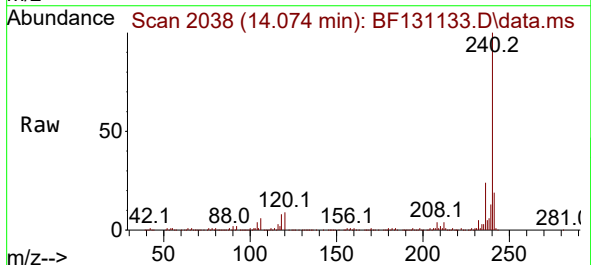
Instrument :
 BNA_F
 ClientSampleId :
 124042



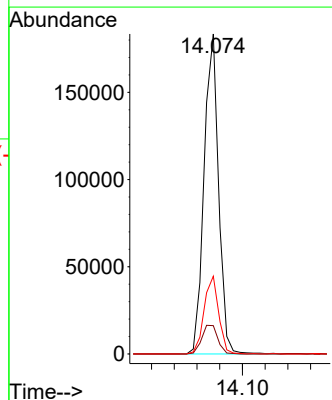
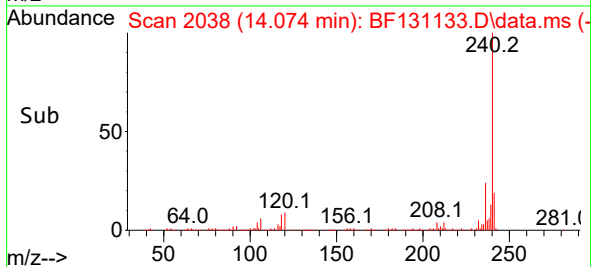
Tgt Ion:266 Resp: 2193
 Ion Ratio Lower Upper
 266 100
 268 49.9 52.5 78.7#
 264 47.0 48.6 72.8#

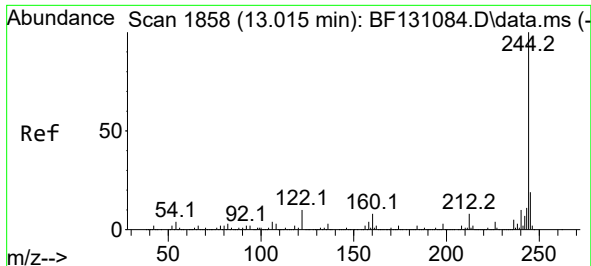


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.074 min Scan# 2038
 Delta R.T. -0.006 min
 Lab File: BF131133.D
 Acq: 10 Nov 2022 20:39



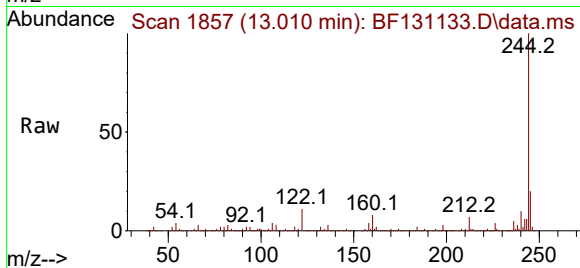
Tgt Ion:240 Resp: 161994
 Ion Ratio Lower Upper
 240 100
 120 8.9 6.5 9.7
 236 24.3 19.7 29.5



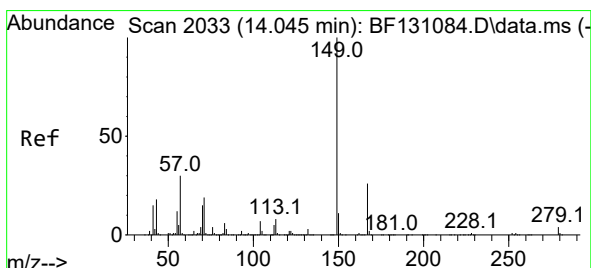
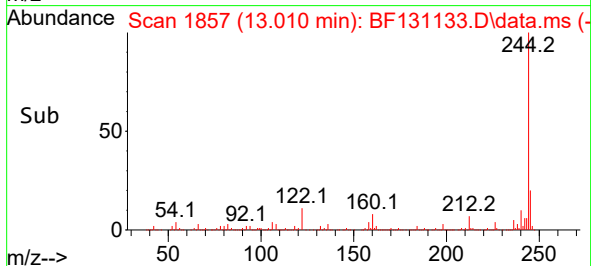
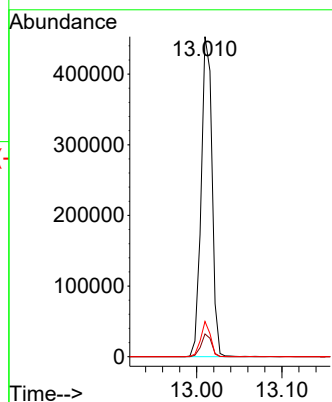


#79
 Terphenyl-d14
 Concen: 43.477 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. -0.005 min
 Lab File: BF131133.D
 Acq: 10 Nov 2022 20:39

Instrument :
 BNA_F
 ClientSampleId :
 124042

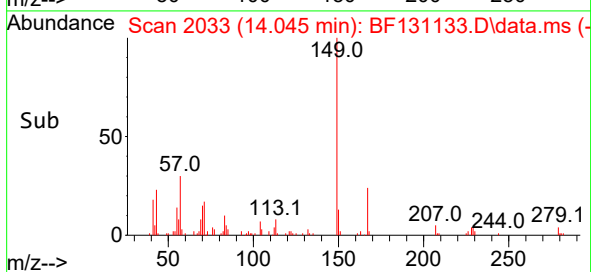
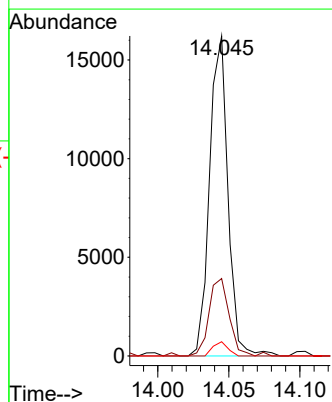
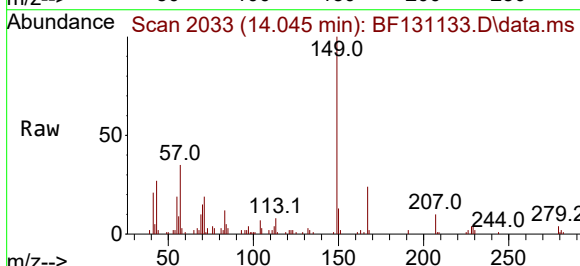


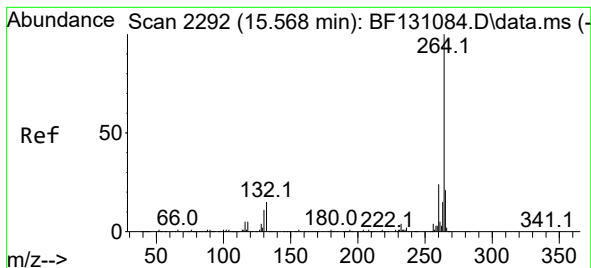
Tgt Ion:244 Resp: 401699
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 11.0 7.8 11.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.718 ng
 RT: 14.045 min Scan# 2033
 Delta R.T. 0.000 min
 Lab File: BF131133.D
 Acq: 10 Nov 2022 20:39

Tgt Ion:149 Resp: 14599
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.8 31.2
 279 4.4 3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131133.D

Acq: 10 Nov 2022 20:39

Instrument :

BNA_F

ClientSampleId :

124042

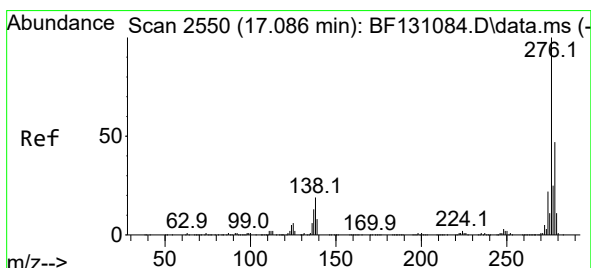
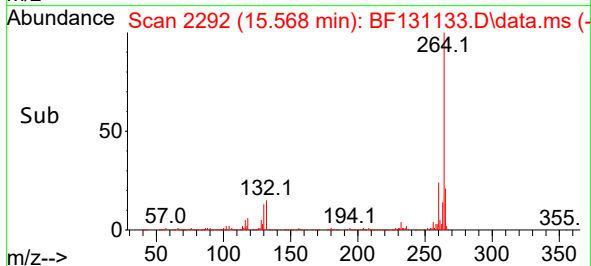
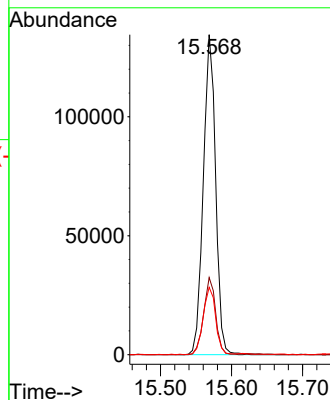
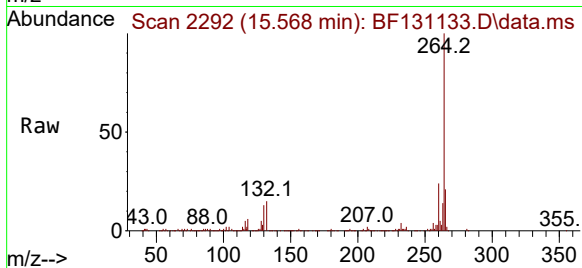
Tgt Ion:264 Resp: 162858

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.1 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.225 ng

RT: 17.080 min Scan# 2549

Delta R.T. -0.006 min

Lab File: BF131133.D

Acq: 10 Nov 2022 20:39

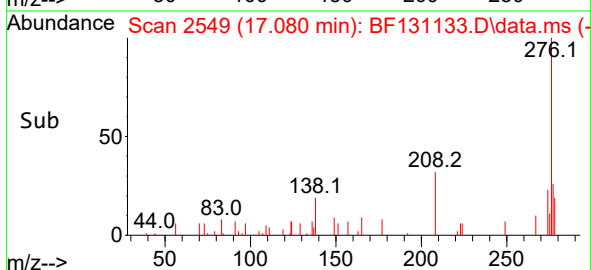
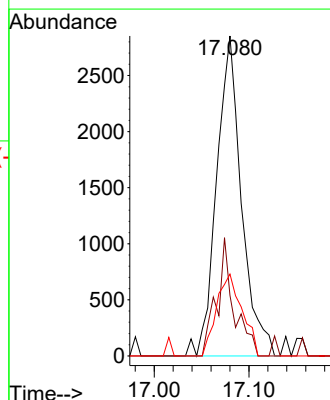
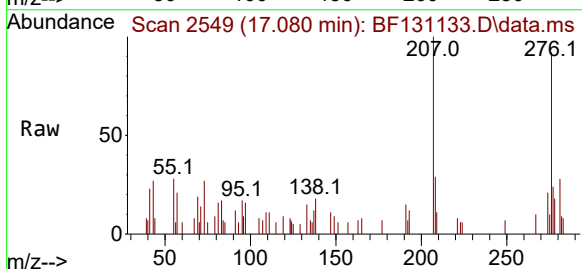
Tgt Ion:276 Resp: 5213

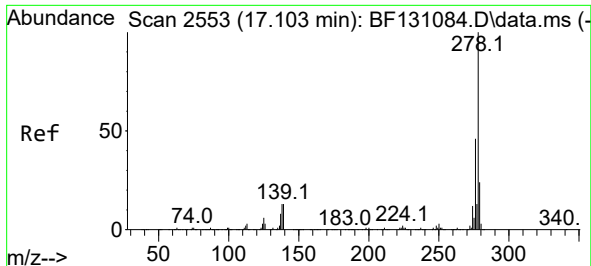
Ion Ratio Lower Upper

276 100

138 25.5 16.9 25.3#

277 26.3 20.3 30.5

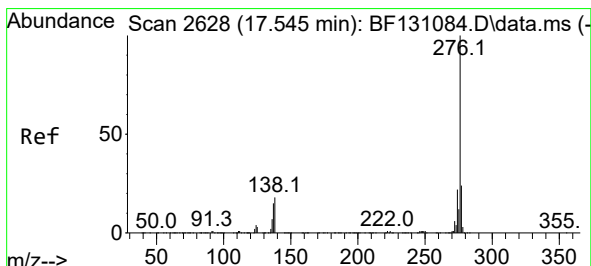
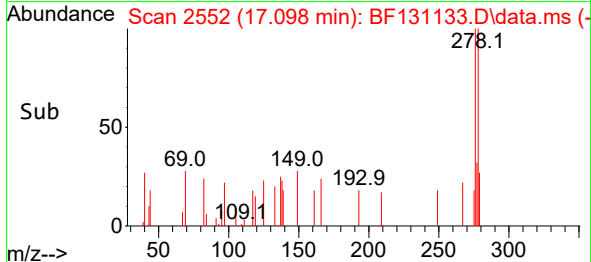
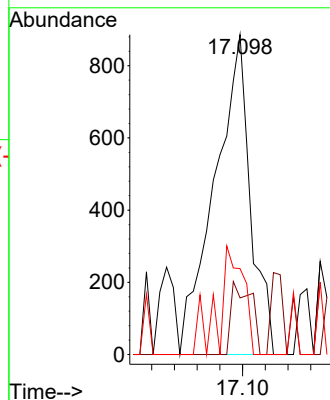
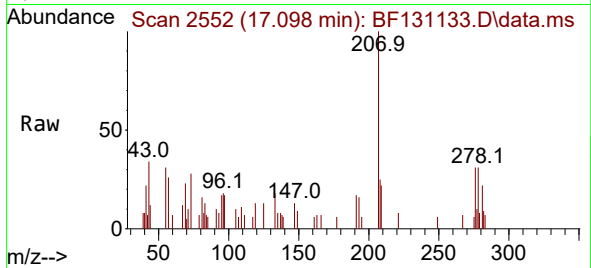




#91
Dibenzo(a,h)anthracene
Concen: 4.004 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF131133.D
Acq: 10 Nov 2022 20:39

Instrument :
BNA_F
ClientSampleId :
124042

Tgt Ion:278 Resp: 1932
Ion Ratio Lower Upper
278 100
139 17.7 10.8 16.2#
279 26.9 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 4.763 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.000 min
Lab File: BF131133.D
Acq: 10 Nov 2022 20:39

Tgt Ion:276 Resp: 4998
Ion Ratio Lower Upper
276 100
277 20.6 19.0 28.4
138 24.3 14.6 21.8#

