

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131984.D
 Acq On : 10 Jan 2023 02:18
 Operator : CG\JU
 Sample : 01048-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-010523

Quant Time: Jan 10 03:18:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

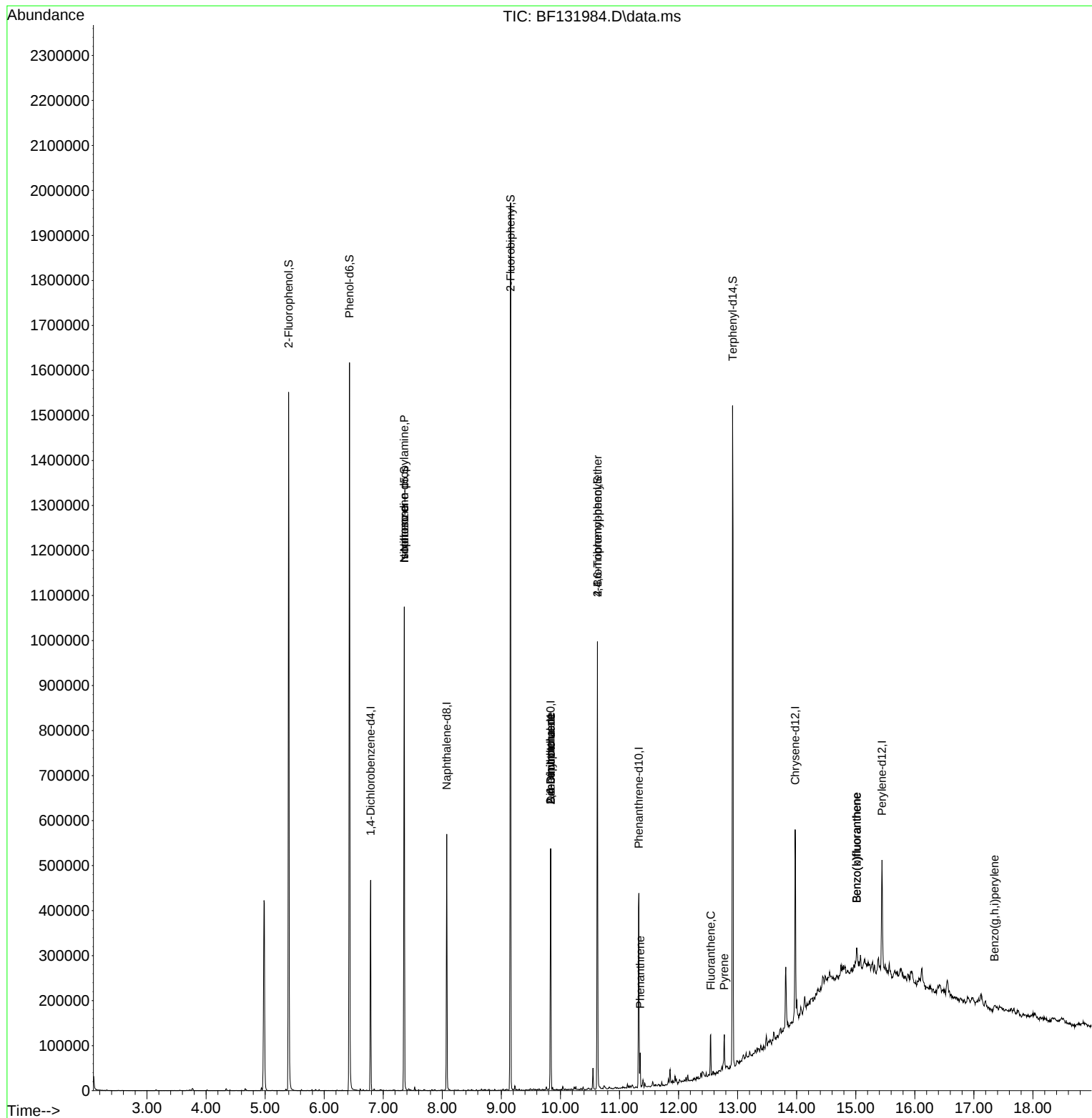
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	61202	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	201784	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	96503	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	155673	20.000	ng	0.00
76) Chrysene-d12	13.974	240	131814	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	101971	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	377295	101.582	ng	0.00
7) Phenol-d6	6.428	99	468269	95.088	ng	0.00
23) Nitrobenzene-d5	7.357	82	316822	65.165	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	92573	83.431	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	528610	73.946	ng	0.00
79) Terphenyl-d14	12.916	244	483487	52.572	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	44642	12.532	ng	# 78
25) Isophorone	7.357	82	315436	34.729	ng	# 69
50) Dimethylphthalate	9.833	163	19439	2.584	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	12273	7.757	ng	# 22
57) 2,4-Dinitrotoluene	9.833	165	12273	5.802	ng	# 13
67) 4-Bromophenyl-phenylether	10.628	248	6052	3.108	ng	# 1
71) Phenanthrene	11.351	178	26752	3.296	ng	98
75) Fluoranthene	12.545	202	36914	4.045	ng	99
78) Pyrene	12.774	202	30376	2.527	ng	98
88) Benzo(b)fluoranthene	15.015	252	22446	3.209	ng	# 78
89) Benzo(k)fluoranthene	15.015	252	22438	3.215	ng	# 77
92) Benzo(g,h,i)perylene	17.351	276	5352	4.408	ng	# 78

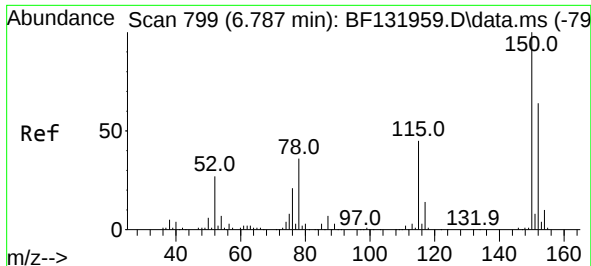
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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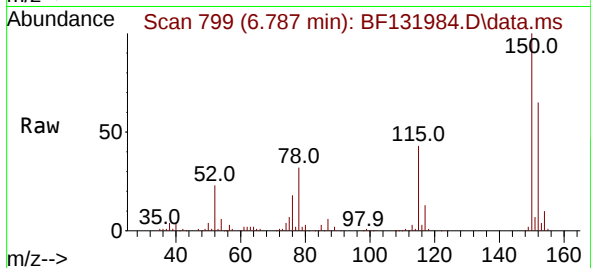
Quant Time: Jan 10 03:18:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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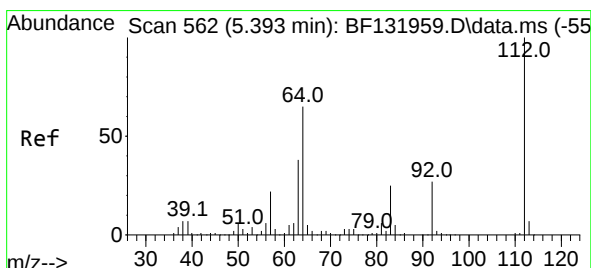
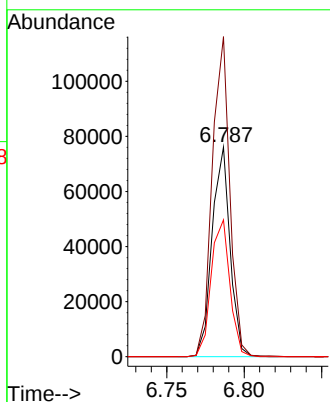
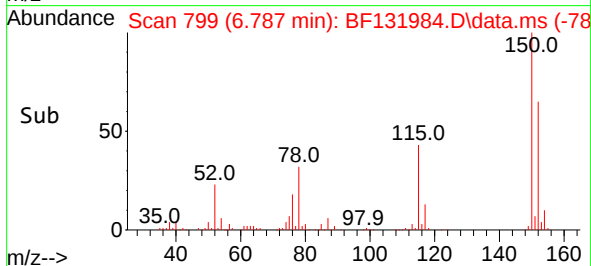


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

Instrument :
BNA_F
ClientSampleId :
CL-01-010523

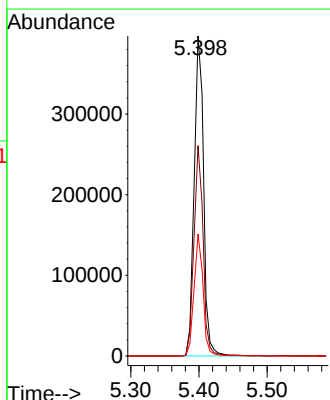
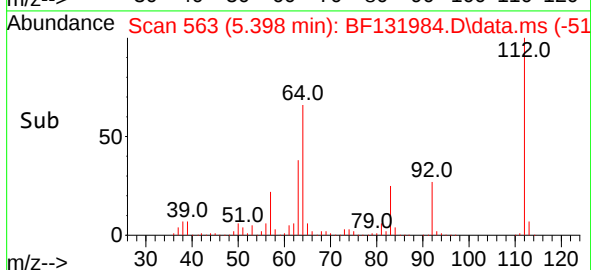
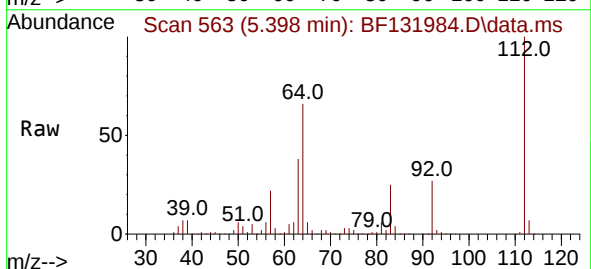


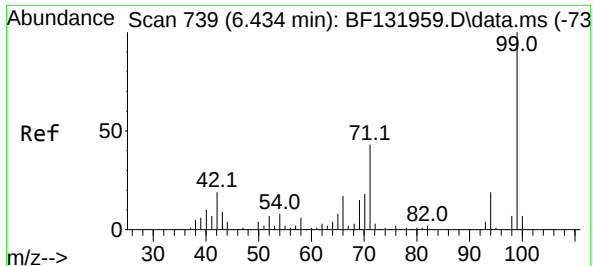
Tgt Ion:152 Resp: 61202
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 65.3 55.6 83.4



#5
2-Fluorophenol
Concen: 101.582 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

Tgt Ion:112 Resp: 377295
Ion Ratio Lower Upper
112 100
64 65.7 51.9 77.9
63 38.1 30.2 45.2

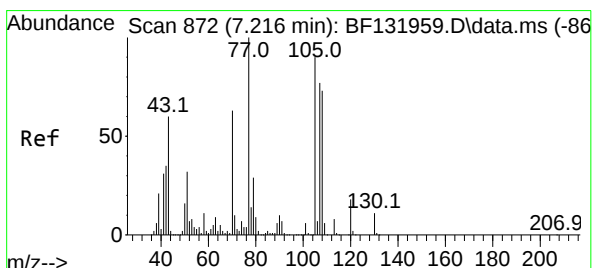
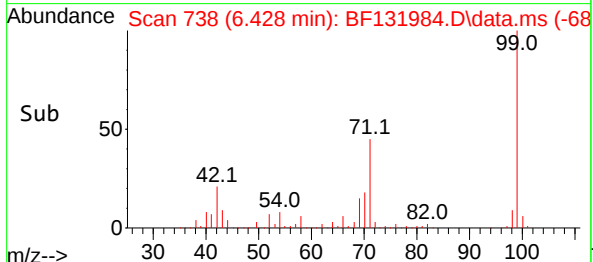
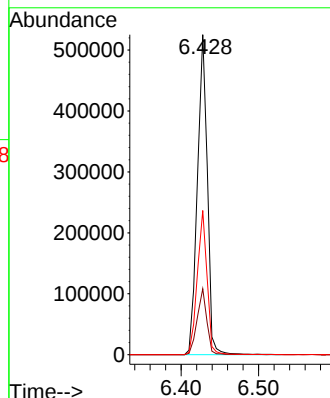
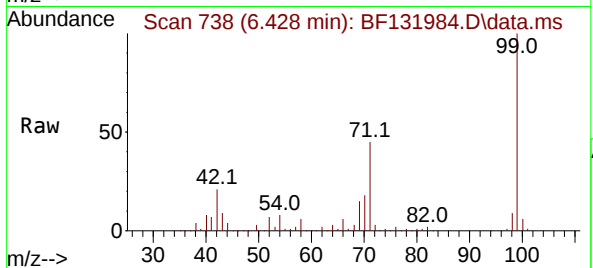




#7
Phenol-d6
Concen: 95.088 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

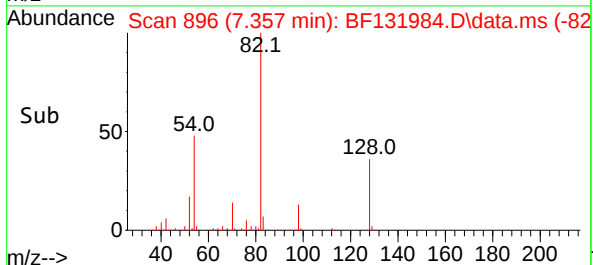
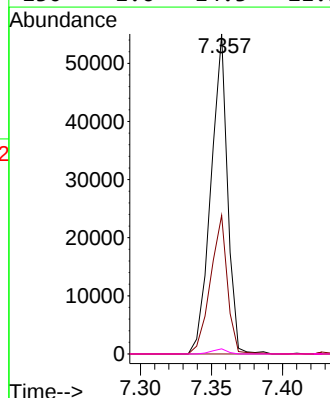
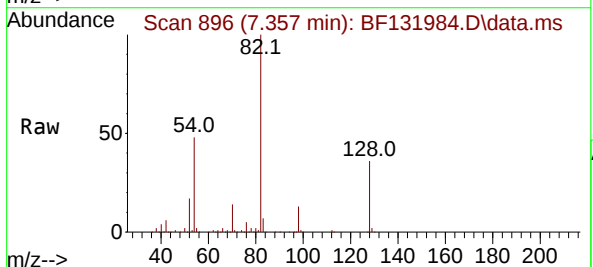
Instrument :
BNA_F
ClientSampleId :
CL-01-010523

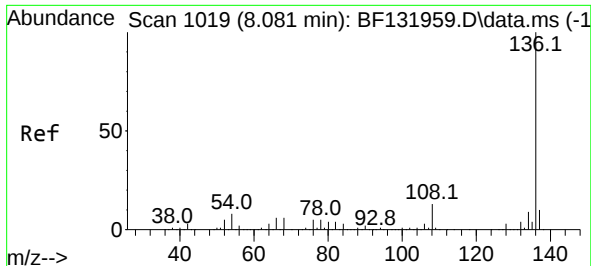
Tgt Ion: 99 Resp: 468269
Ion Ratio Lower Upper
99 100
42 20.6 15.4 23.2
71 45.0 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.532 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

Tgt Ion: 70 Resp: 44642
Ion Ratio Lower Upper
70 100
42 43.3 44.3 66.5#
101 0.0 7.5 11.3#
130 1.6 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131984.D

Acq: 10 Jan 2023 02:18

Instrument :

BNA_F

ClientSampleId :

CL-01-010523

Tgt Ion:136 Resp: 201784

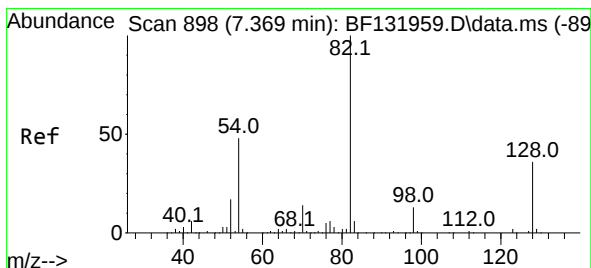
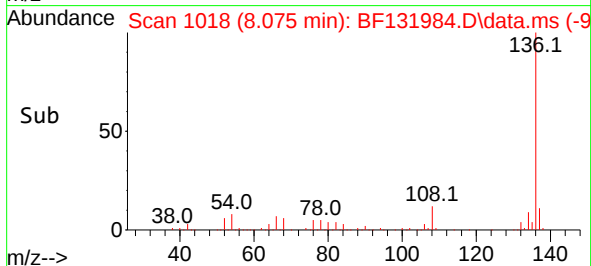
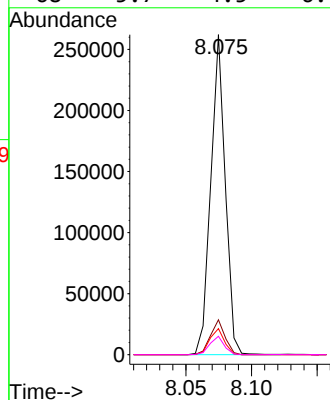
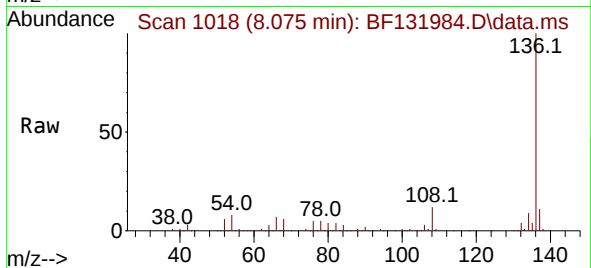
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.2

54 8.2 6.6 9.8

68 5.7 4.5 6.7



#23

Nitrobenzene-d5

Concen: 65.165 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF131984.D

Acq: 10 Jan 2023 02:18

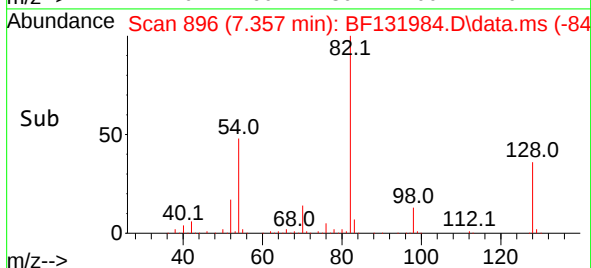
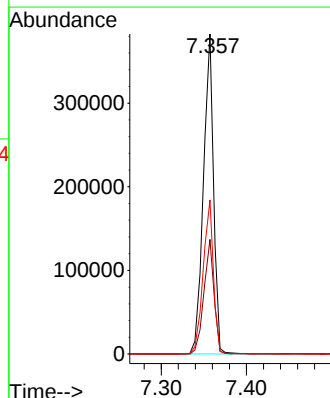
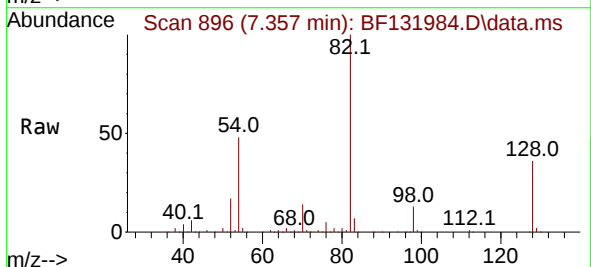
Tgt Ion: 82 Resp: 316822

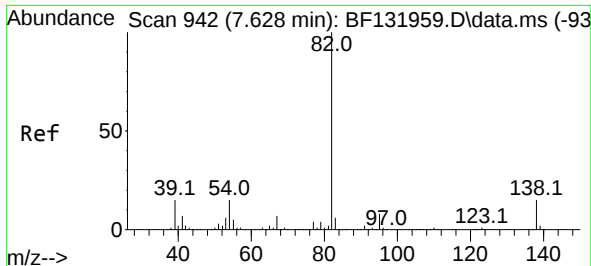
Ion Ratio Lower Upper

82 100

128 35.8 28.7 43.1

54 48.1 38.1 57.1

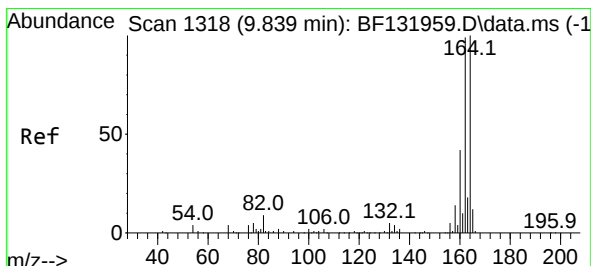
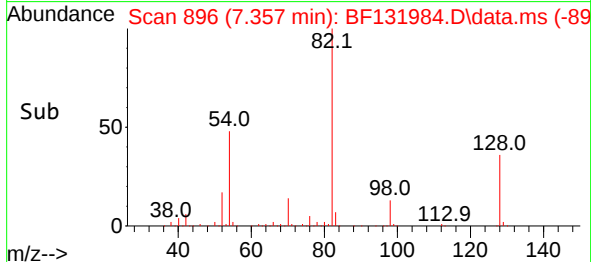
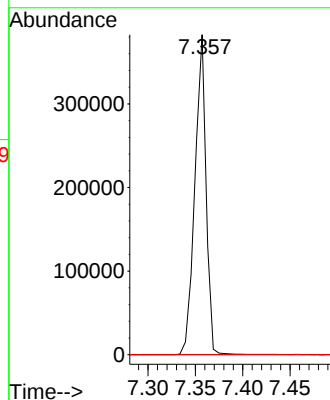
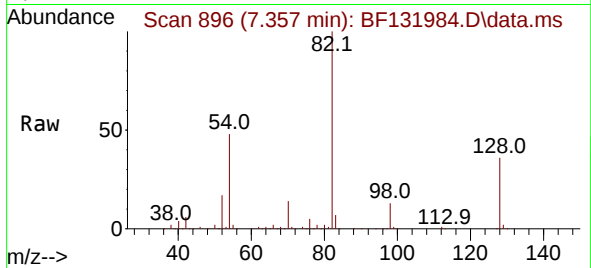




#25
Isophorone
Concen: 34.729 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

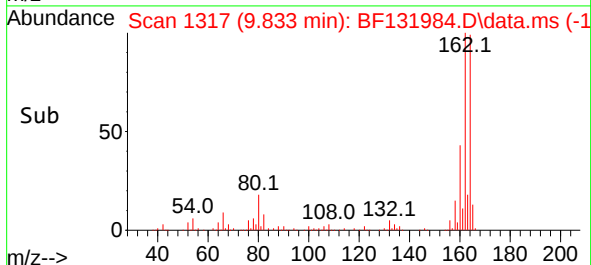
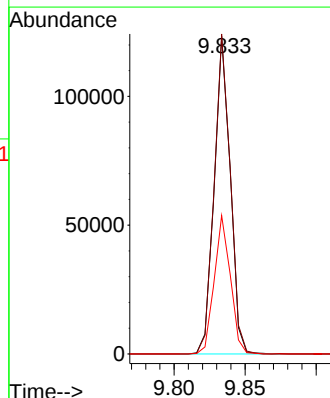
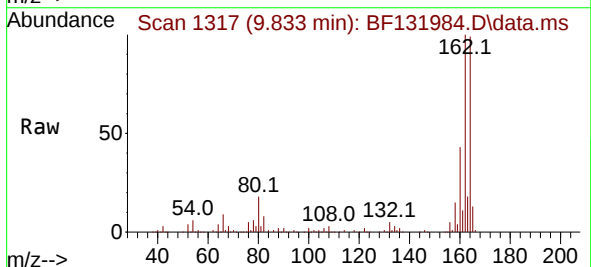
Instrument :
BNA_F
ClientSampleId :
CL-01-010523

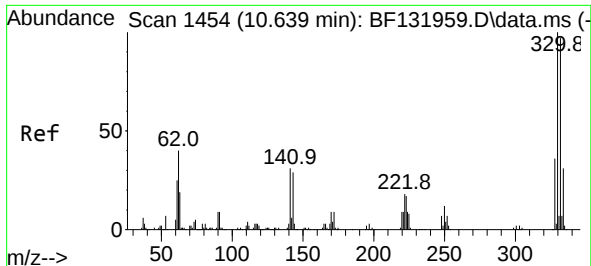
Tgt Ion: 82 Resp: 315436
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

Tgt Ion:164 Resp: 96503
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.0
160 43.6 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 83.431 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF131984.D

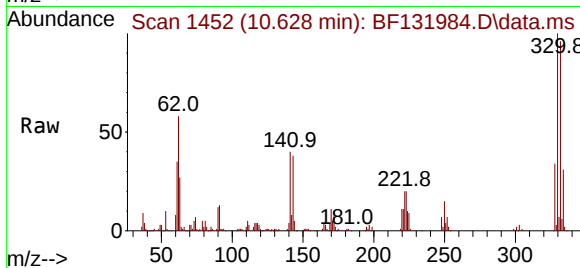
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Instrument :

BNA_F

ClientSampleId :

CL-01-010523



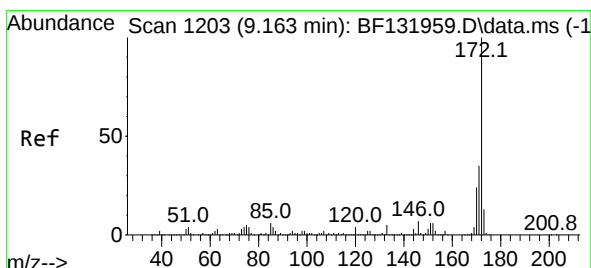
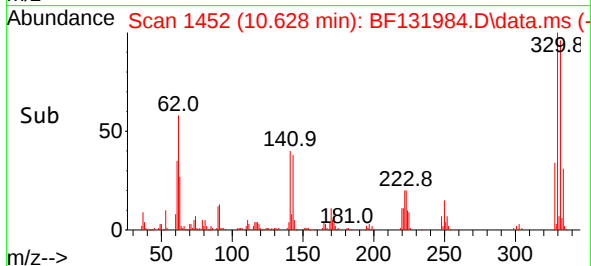
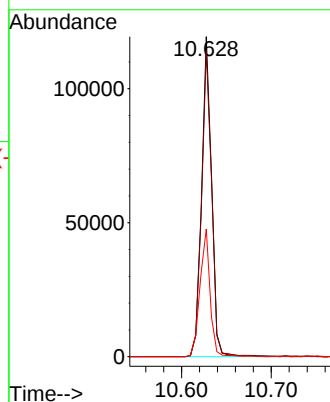
Tgt Ion:330 Resp: 92573

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

141 40.3 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 73.946 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF131984.D

Acq: 10 Jan 2023 02:18

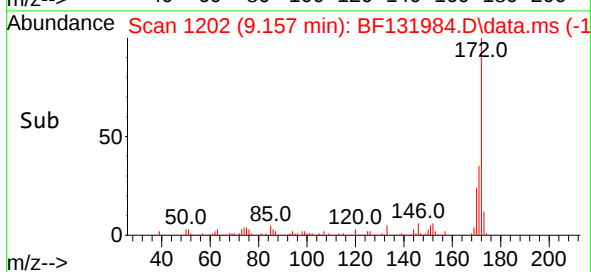
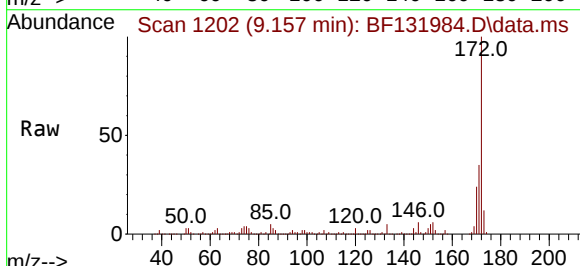
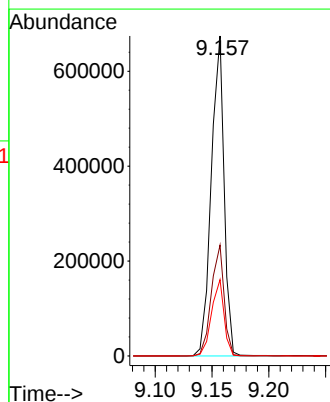
Tgt Ion:172 Resp: 528610

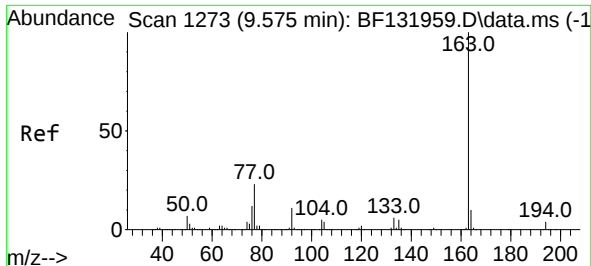
Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 23.8 18.9 28.3

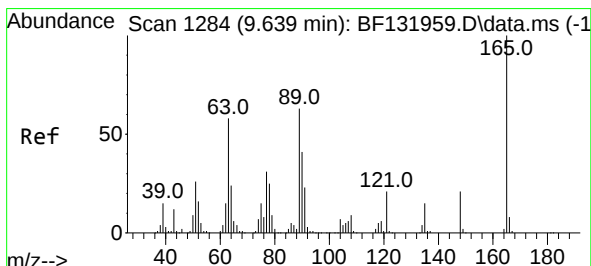
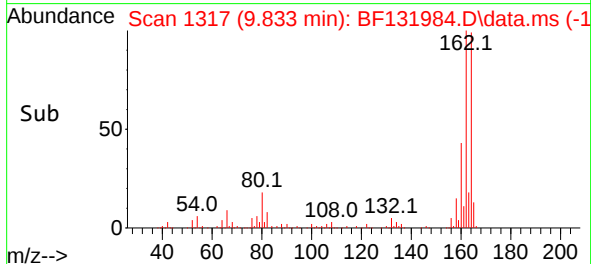
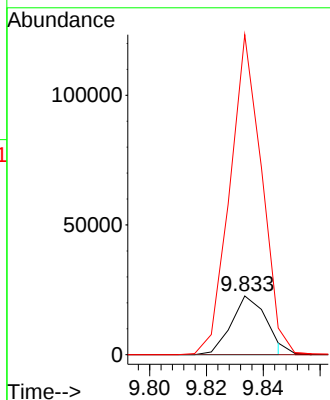
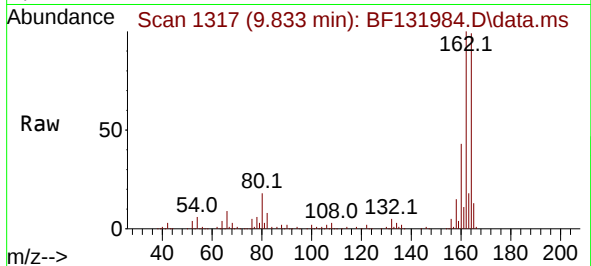




#50
Dimethylphthalate
Concen: 2.584 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

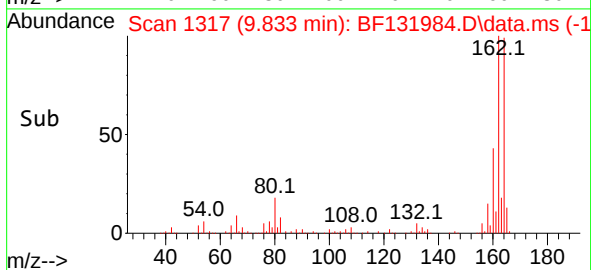
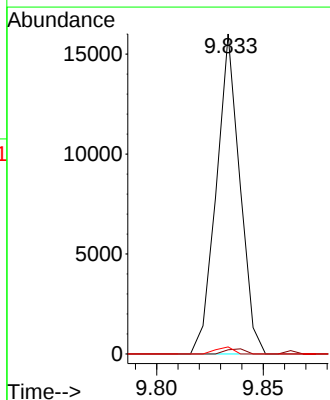
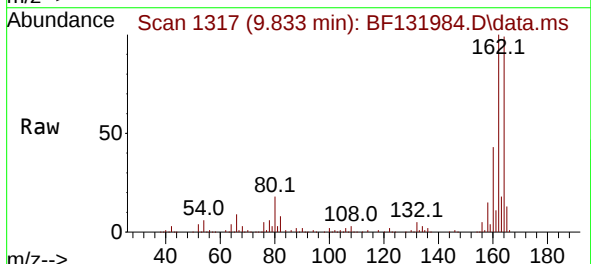
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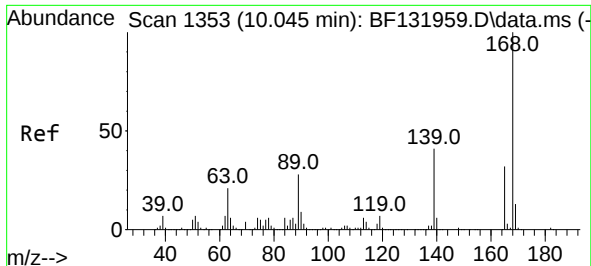
Tgt Ion:163 Resp: 19439
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 545.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.757 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

Tgt Ion:165 Resp: 12273
Ion Ratio Lower Upper
165 100
63 1.3 47.4 71.0#
89 2.2 50.2 75.2#

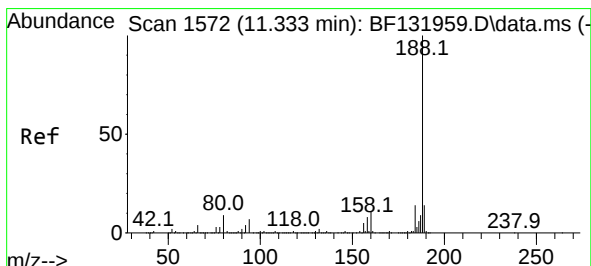
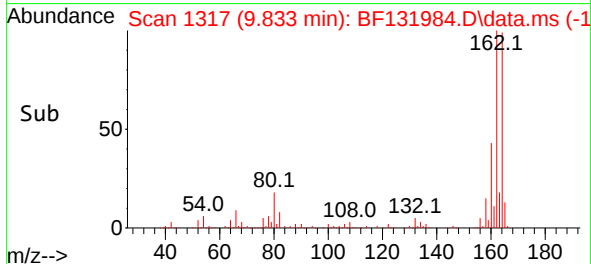
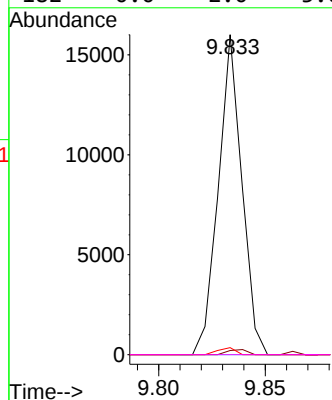
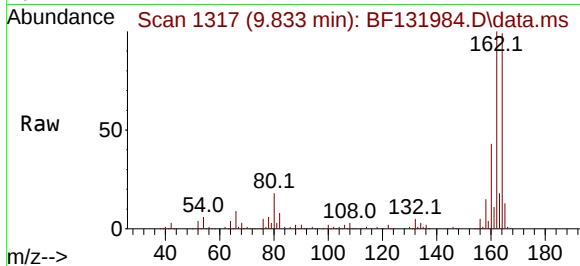




#57
2,4-Dinitrotoluene
Concen: 5.802 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

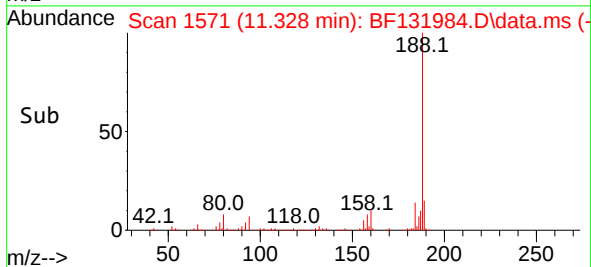
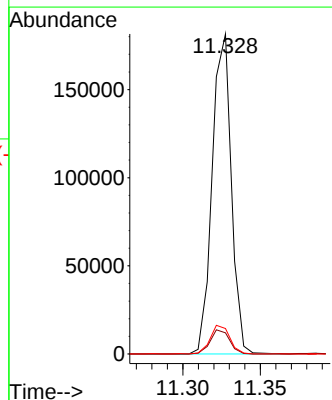
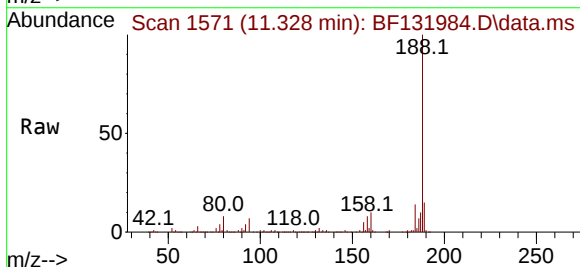
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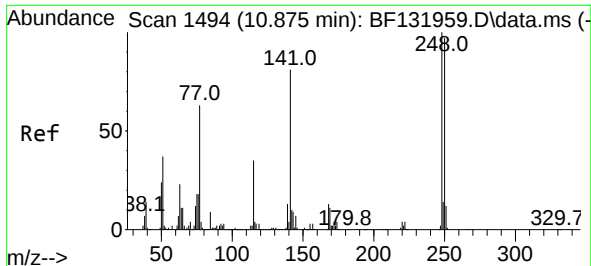
Tgt Ion:165 Resp: 12273
Ion Ratio Lower Upper
165 100
63 1.3 53.2 79.8#
89 2.2 71.2 106.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

Tgt Ion:188 Resp: 155673
Ion Ratio Lower Upper
188 100
94 6.6 5.8 8.6
80 8.0 7.4 11.0

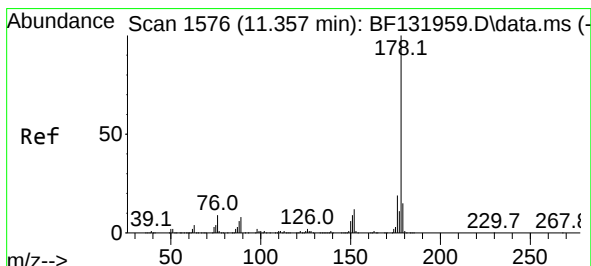
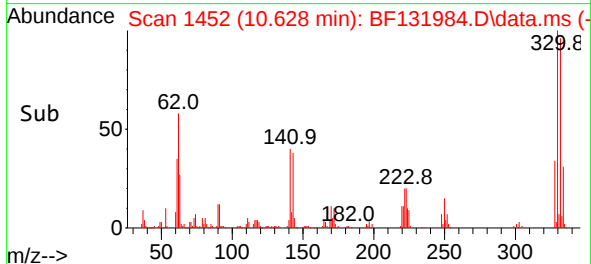
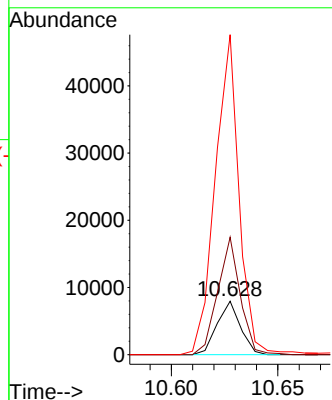
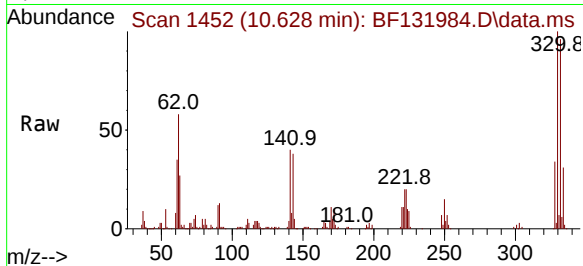




#67
4-Bromophenyl-phenylether
Concen: 3.108 ng
RT: 10.628 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

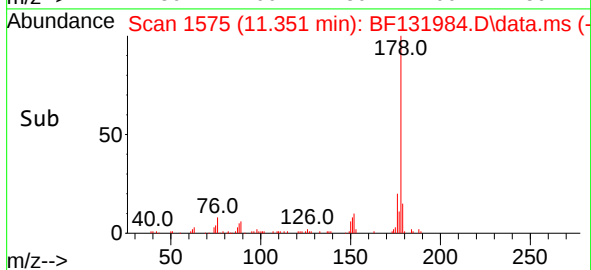
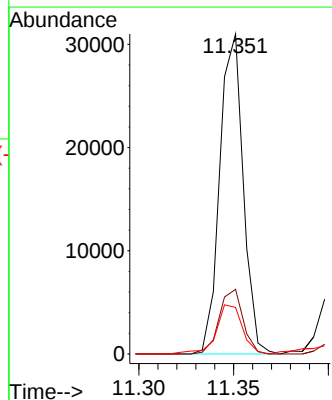
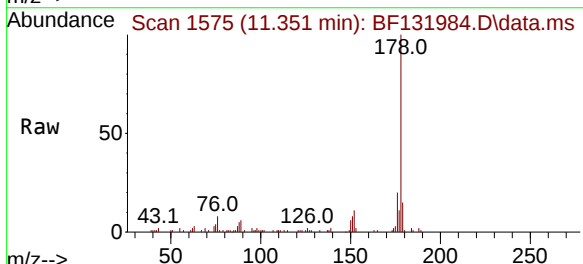
Instrument :
BNA_F
ClientSampleId :
CL-01-010523

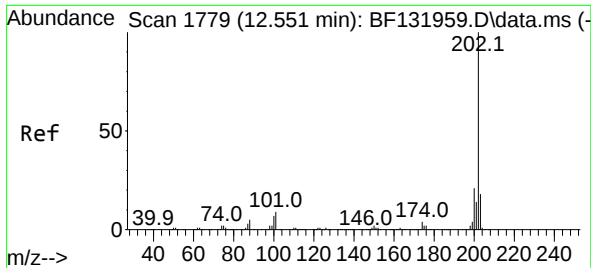
Tgt Ion:248 Resp: 6052
Ion Ratio Lower Upper
248 100
250 219.8 77.4 116.2#
141 598.6 65.0 97.6#



#71
Phenanthrene
Concen: 3.296 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

Tgt Ion:178 Resp: 26752
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 14.5 12.4 18.6

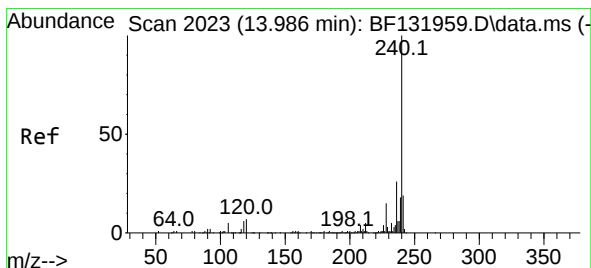
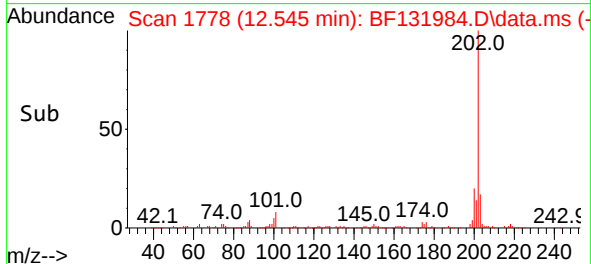
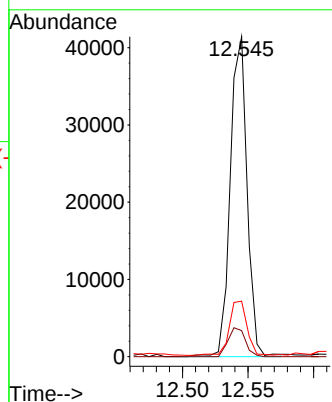
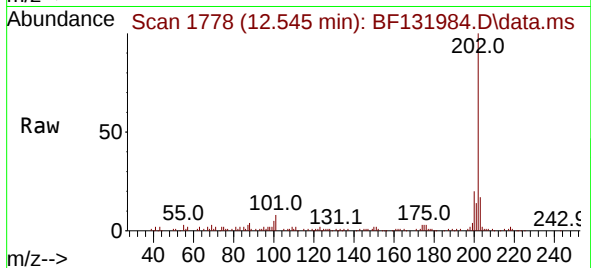




#75
Fluoranthene
Concen: 4.045 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

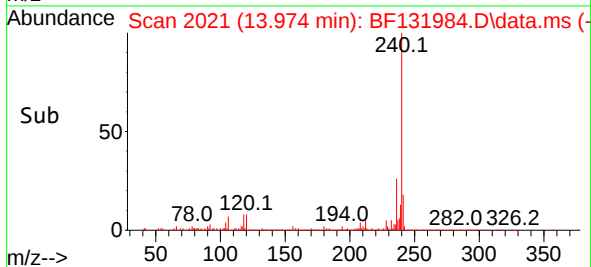
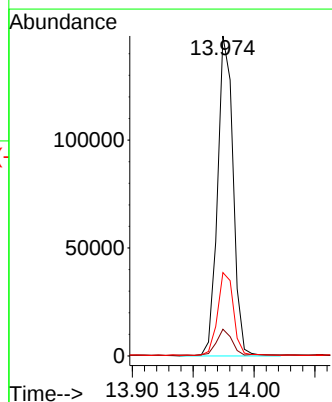
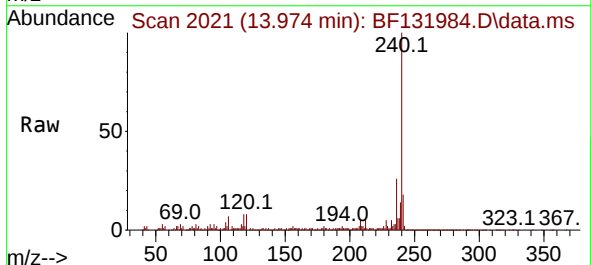
Instrument :
BNA_F
ClientSampleId :
CL-01-010523

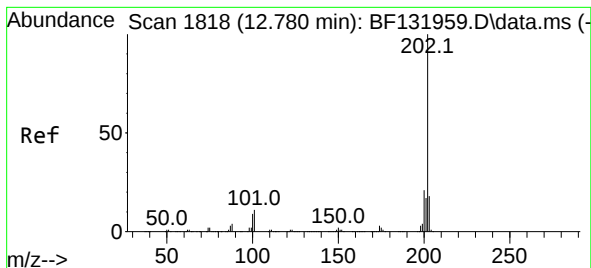
Tgt Ion:202 Resp: 36914
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.8
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF131984.D
Acq: 10 Jan 2023 02:18

Tgt Ion:240 Resp: 131814
Ion Ratio Lower Upper
240 100
120 8.4 5.4 8.0#
236 26.1 21.1 31.7





#78

Pyrene

Concen: 2.527 ng

RT: 12.774 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF131984.D

Acq: 10 Jan 2023 02:18

Instrument :

BNA_F

ClientSampleId :

CL-01-010523

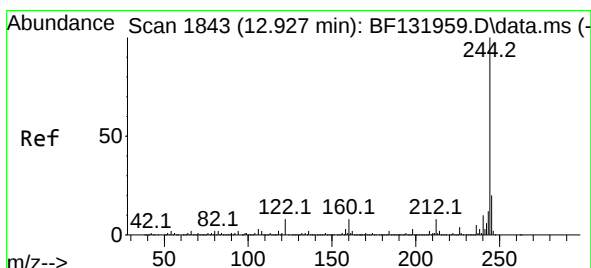
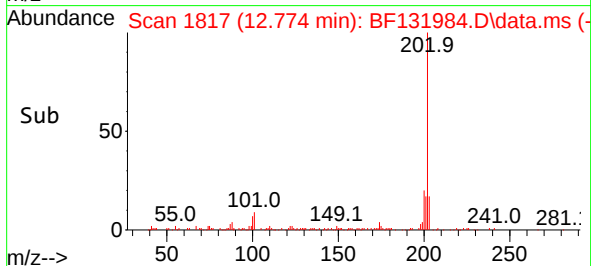
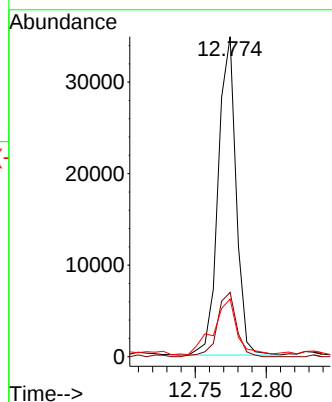
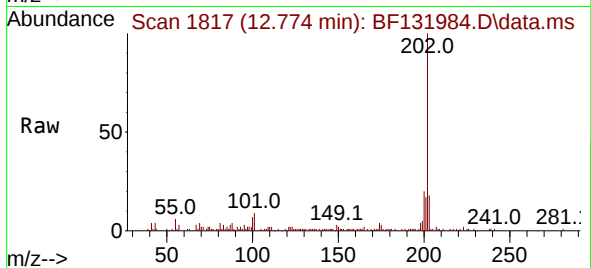
Tgt Ion:202 Resp: 30376

Ion Ratio Lower Upper

202 100

200 20.1 17.0 25.6

203 18.0 14.1 21.1



#79

Terphenyl-d14

Concen: 52.572 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF131984.D

Acq: 10 Jan 2023 02:18

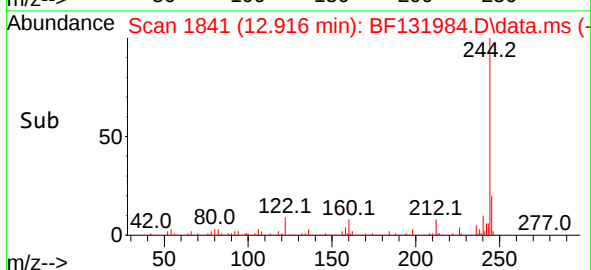
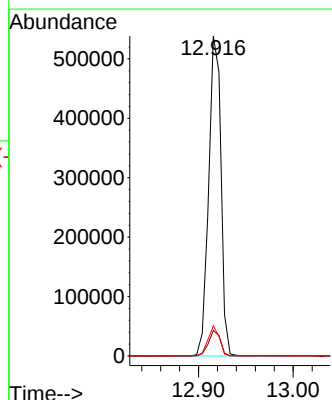
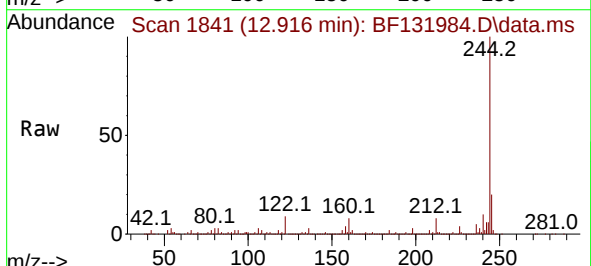
Tgt Ion:244 Resp: 483487

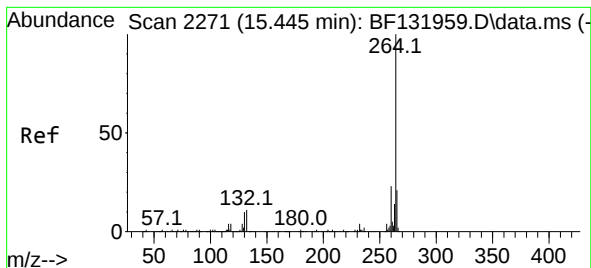
Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 9.4 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF131984.D

Acq: 10 Jan 2023 02:18

Instrument :

BNA_F

ClientSampleId :

CL-01-010523

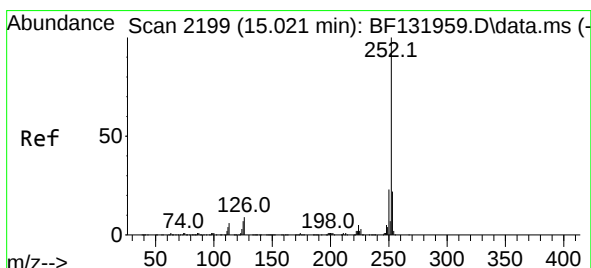
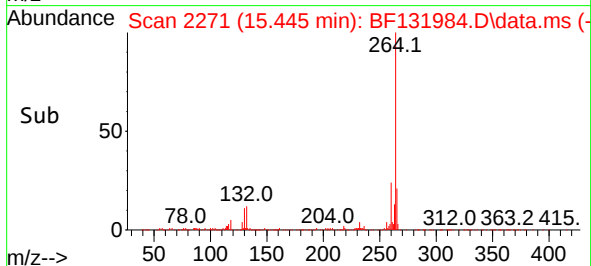
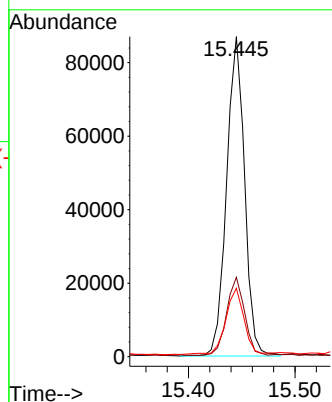
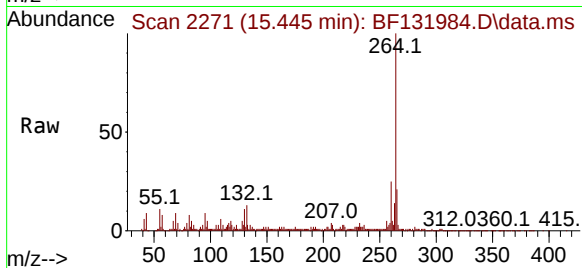
Tgt Ion:264 Resp: 101971

Ion Ratio Lower Upper

264 100

260 24.8 18.3 27.5

265 21.4 16.9 25.3



#88

Benzo(b)fluoranthene

Concen: 3.209 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF131984.D

Acq: 10 Jan 2023 02:18

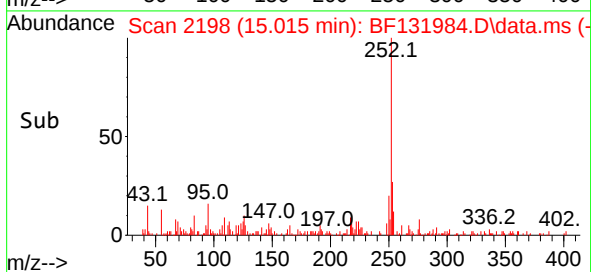
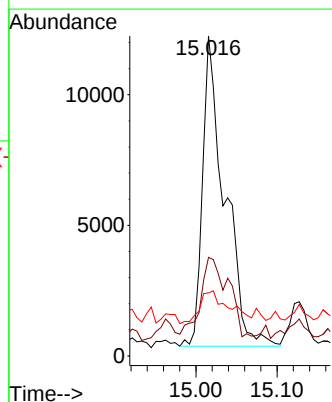
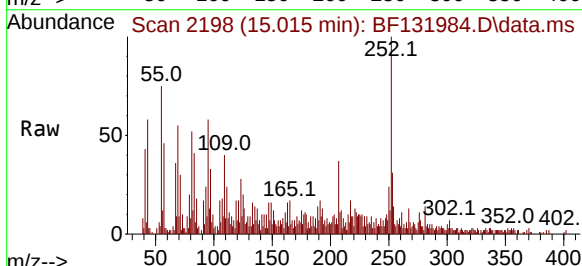
Tgt Ion:252 Resp: 22446

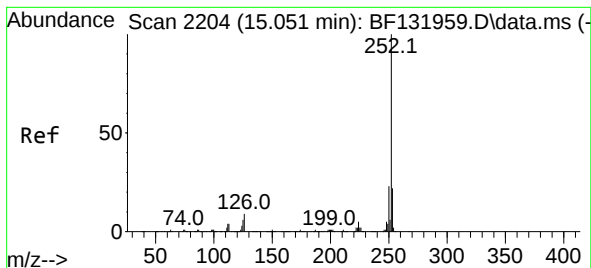
Ion Ratio Lower Upper

252 100

253 30.8 18.0 27.0#

125 19.7 5.8 8.6#





#89

Benzo(k)fluoranthene

Concen: 3.215 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.035 min

Lab File: BF131984.D

Acq: 10 Jan 2023 02:18

Instrument :

BNA_F

ClientSampleId :

CL-01-010523

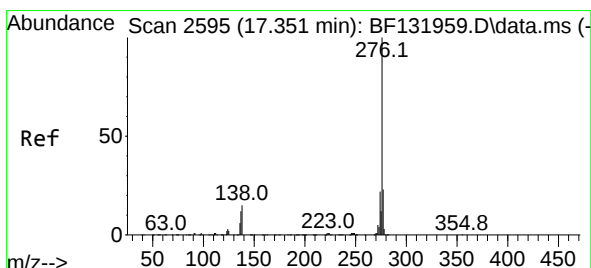
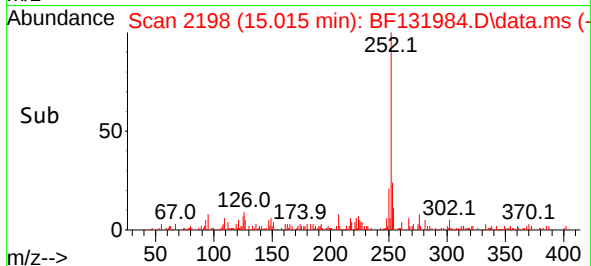
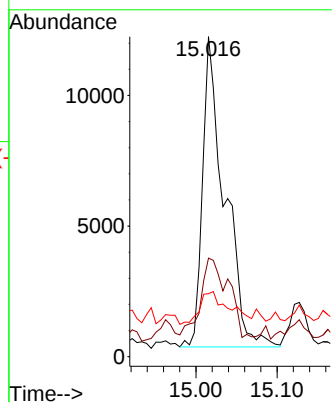
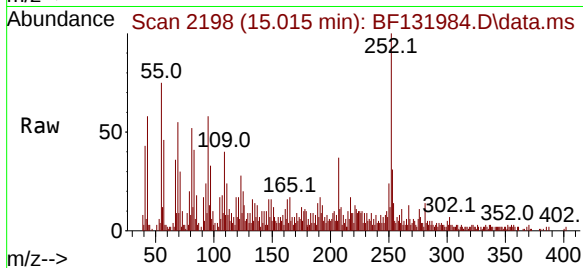
Tgt Ion:252 Resp: 22438

Ion Ratio Lower Upper

252 100

253 30.8 17.8 26.6#

125 19.7 5.2 7.8#



#92

Benzo(g,h,i)perylene

Concen: 4.408 ng

RT: 17.351 min Scan# 2595

Delta R.T. -0.000 min

Lab File: BF131984.D

Acq: 10 Jan 2023 02:18

Tgt Ion:276 Resp: 5352

Ion Ratio Lower Upper

276 100

277 27.4 18.2 27.2#

138 31.7 11.7 17.5#

