

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131982.D
 Acq On : 10 Jan 2023 01:16
 Operator : CG\JU
 Sample : N6243-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-8

Quant Time: Jan 10 03:17:44 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)

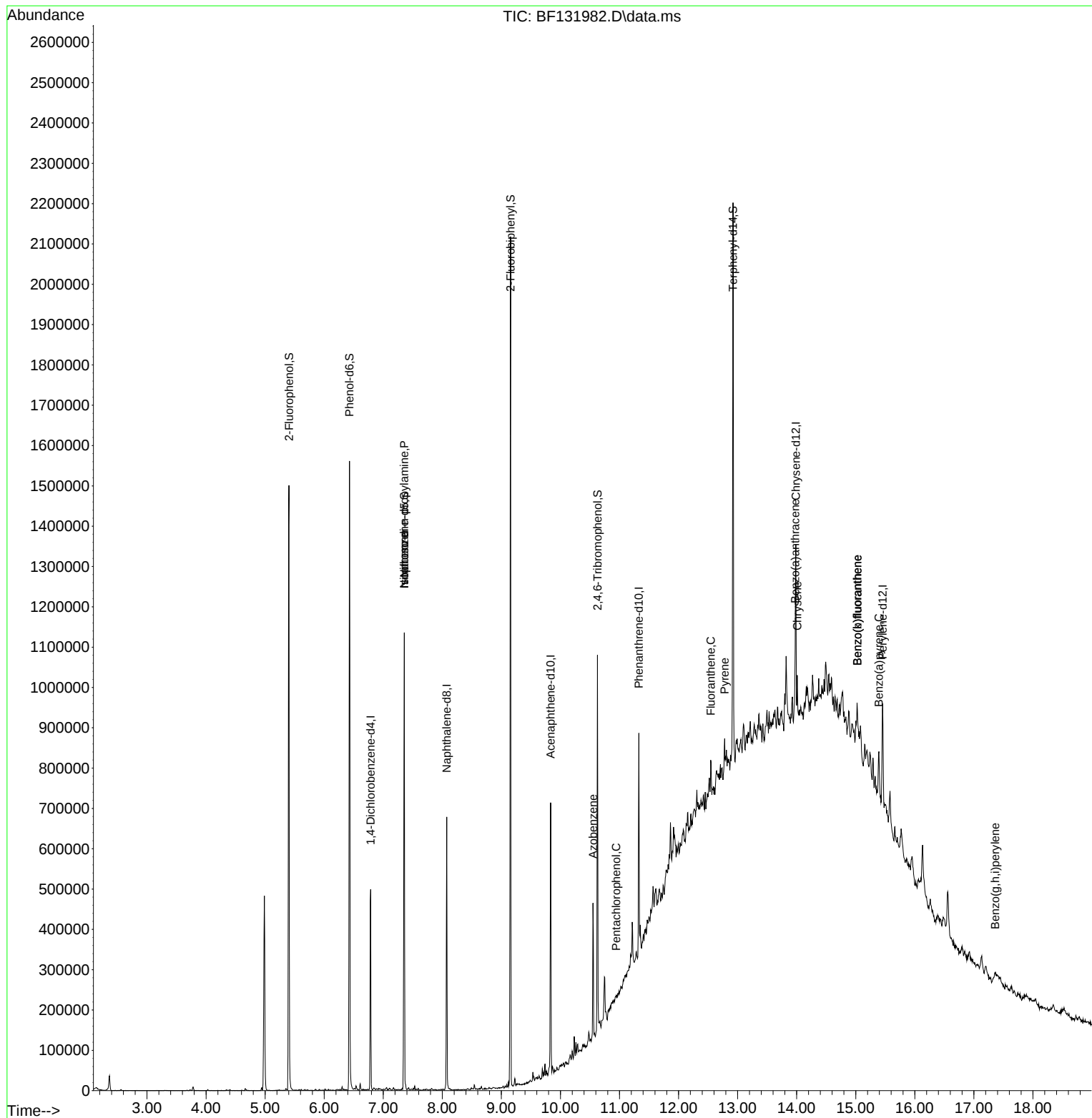
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	70231	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	242477	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	117985	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	171944	20.000	ng	0.00
76) Chrysene-d12	13.986	240	131587	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	108679	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	385292	90.398	ng	0.01
7) Phenol-d6	6.428	99	482615	85.402	ng	0.00
23) Nitrobenzene-d5	7.357	82	355951	60.926	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	89197	65.752	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	572352	65.487	ng	0.00
79) Terphenyl-d14	12.921	244	430648	46.907	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	50599	12.378	ng	# 76
25) Isophorone	7.357	82	354029	32.437	ng	# 69
63) Azobenzene	10.551	77	61874	6.450	ng	# 5
70) Pentachlorophenol	10.945	266	63	4.409	ng	# 40
75) Fluoranthene	12.545	202	32396	3.214	ng	91
78) Pyrene	12.780	202	31540	2.628	ng	# 91
81) Benzo(a)anthracene	13.974	228	26546	2.773	ng	# 89
83) Chrysene	14.010	228	42524	4.753	ng	# 95
88) Benzo(b)fluoranthene	15.027	252	35086	4.707	ng	# 54
89) Benzo(k)fluoranthene	15.027	252	35086	4.716	ng	# 54
90) Benzo(a)pyrene	15.392	252	15535	2.313	ng	# 53
92) Benzo(g,h,i)perylene	17.362	276	12343	5.436	ng	# 90

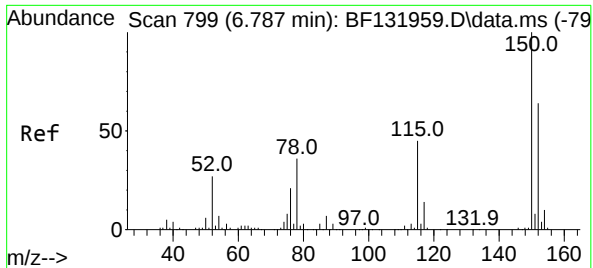
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
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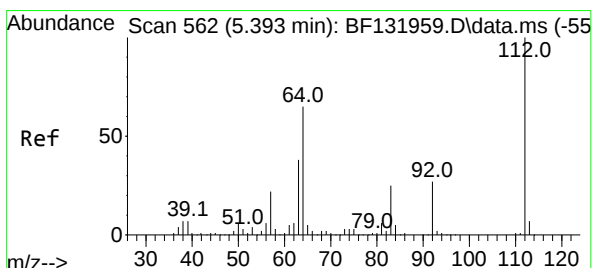
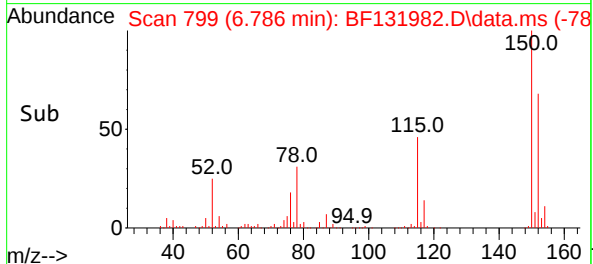
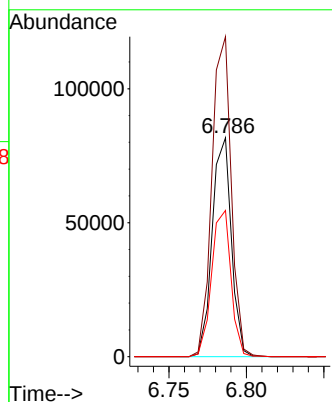
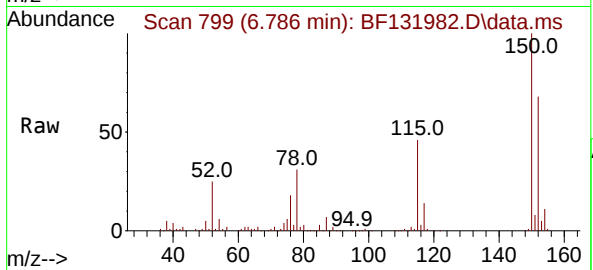




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 799
 Delta R.T. -0.001 min
 Lab File: BF131982.D
 Acq: 10 Jan 2023 01:16

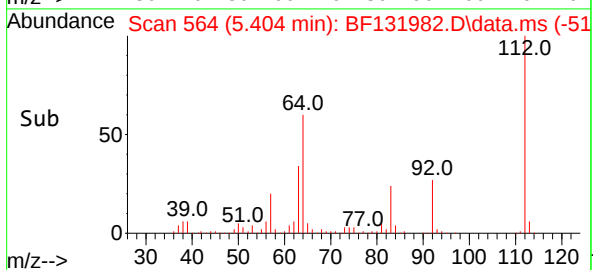
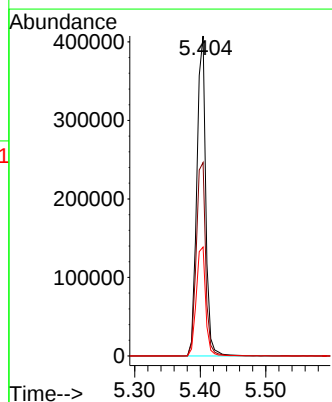
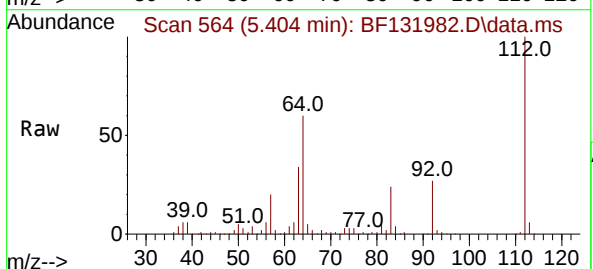
Instrument :
 BNA_F
 ClientSampleId :
 PE-8

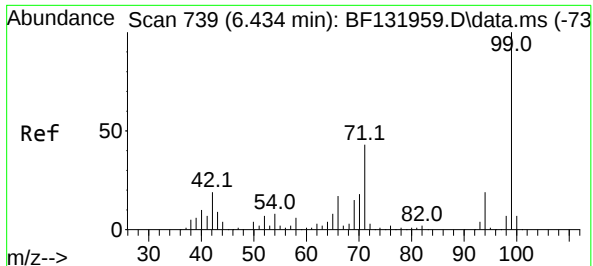
Tgt Ion:152 Resp: 70231
 Ion Ratio Lower Upper
 152 100
 150 146.2 124.6 186.8
 115 66.8 55.6 83.4



#5
 2-Fluorophenol
 Concen: 90.398 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: BF131982.D
 Acq: 10 Jan 2023 01:16

Tgt Ion:112 Resp: 385292
 Ion Ratio Lower Upper
 112 100
 64 60.4 51.9 77.9
 63 34.0 30.2 45.2

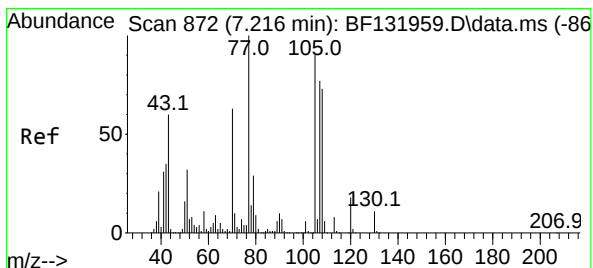
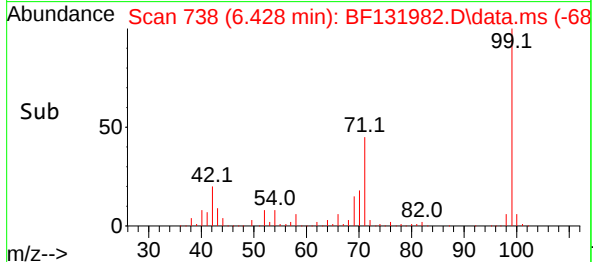
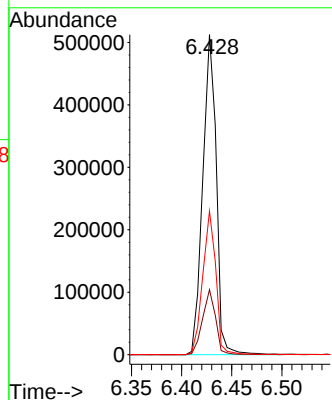
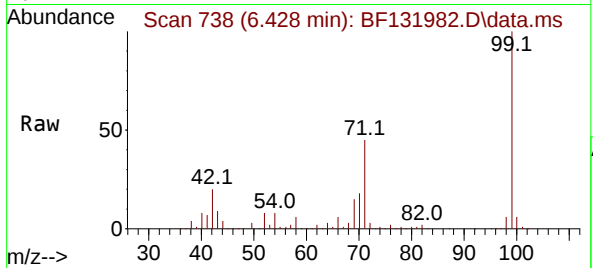




#7
Phenol-d6
Concen: 85.402 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131982.D
Acq: 10 Jan 2023 01:16

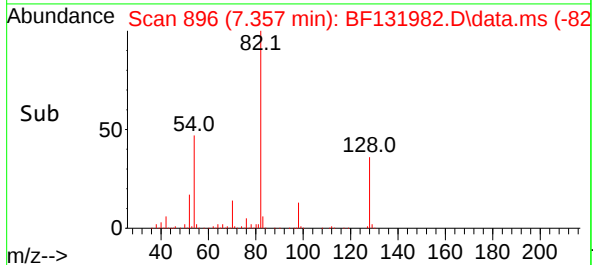
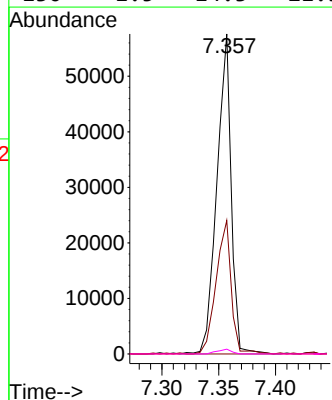
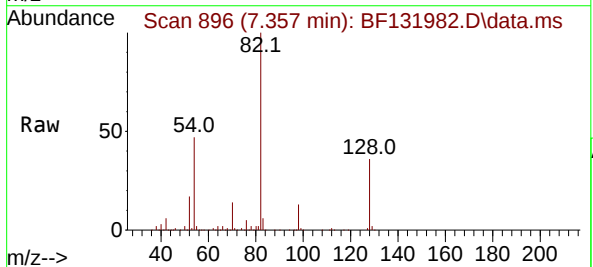
Instrument :
BNA_F
ClientSampleId :
PE-8

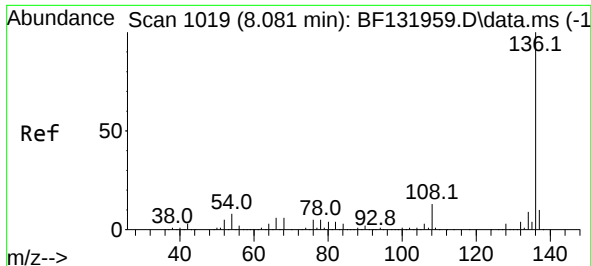
Tgt Ion: 99 Resp: 482615
Ion Ratio Lower Upper
99 100
42 20.3 15.4 23.2
71 44.9 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.378 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF131982.D
Acq: 10 Jan 2023 01:16

Tgt Ion: 70 Resp: 50599
Ion Ratio Lower Upper
70 100
42 41.7 44.3 66.5#
101 0.0 7.5 11.3#
130 1.5 14.3 21.5#



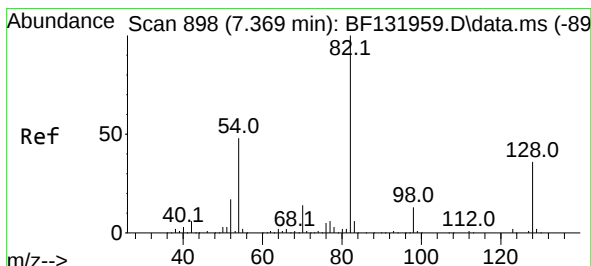
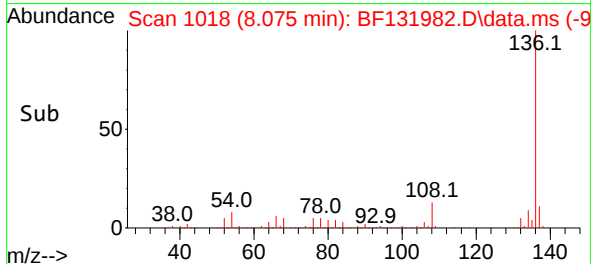
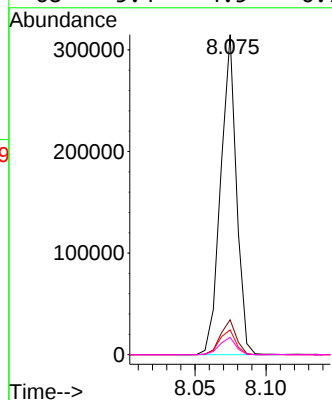
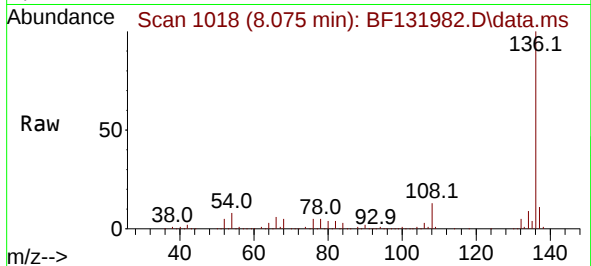


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131982.D
Acq: 10 Jan 2023 01:16

Instrument :
BNA_F
ClientSampleId :
PE-8

Tgt Ion:136 Resp: 242477

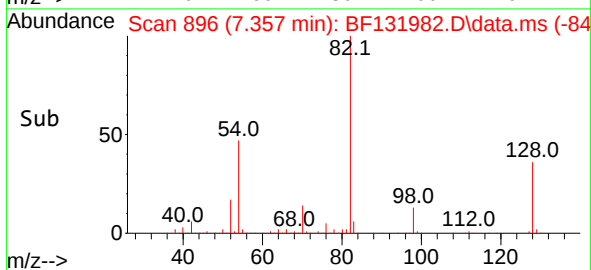
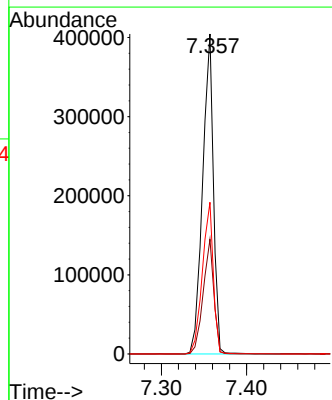
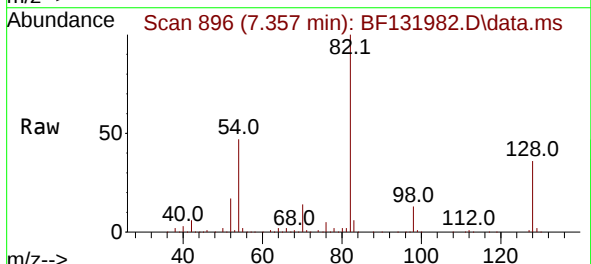
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	7.7	6.6	9.8
68	5.4	4.5	6.7

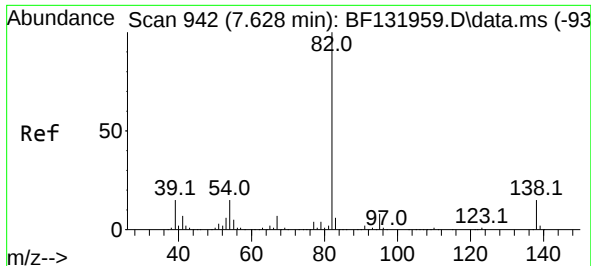


#23
Nitrobenzene-d5
Concen: 60.926 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131982.D
Acq: 10 Jan 2023 01:16

Tgt Ion: 82 Resp: 355951

Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.7	43.1
54	47.4	38.1	57.1

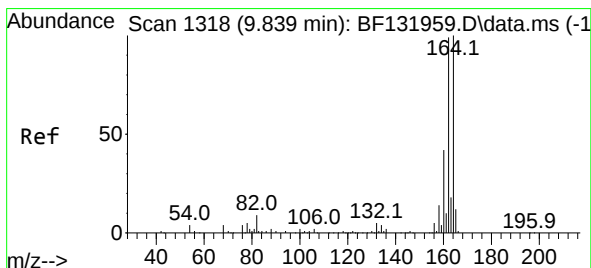
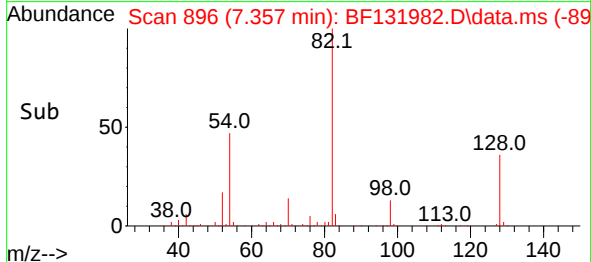
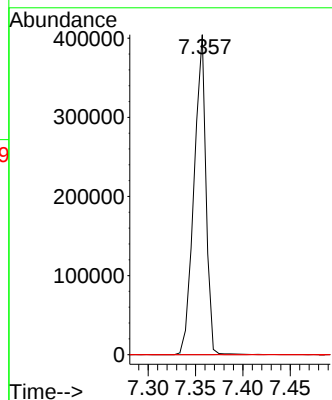
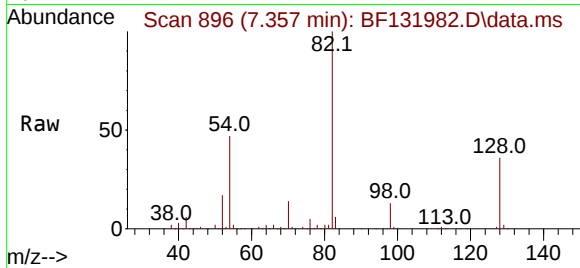




#25
Isophorone
Concen: 32.437 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF131982.D
Acq: 10 Jan 2023 01:16

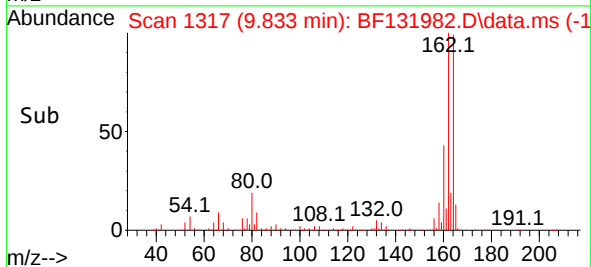
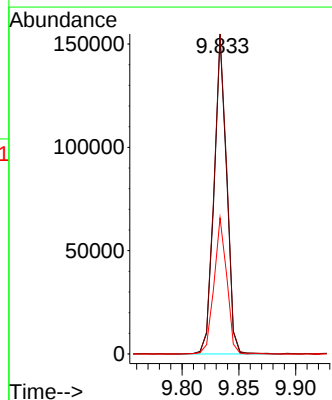
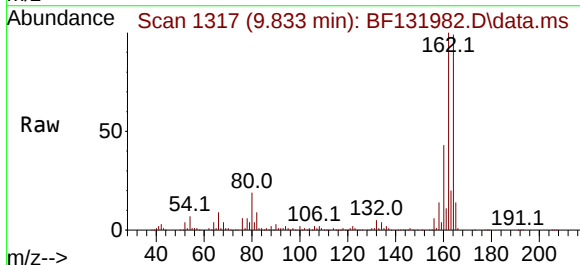
Instrument :
BNA_F
ClientSampleId :
PE-8

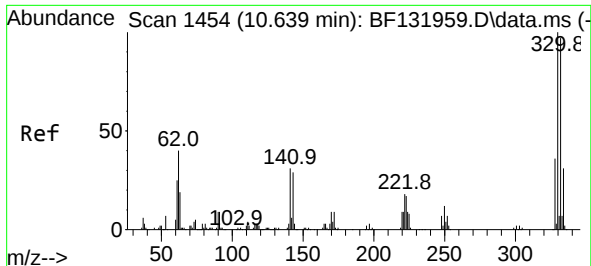
Tgt Ion: 82 Resp: 354029
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131982.D
Acq: 10 Jan 2023 01:16

Tgt Ion:164 Resp: 117985
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.0
160 42.9 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 65.752 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF131982.D

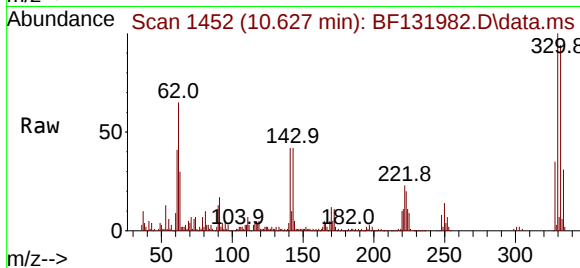
Acq: 10 Jan 2023 01:16

Instrument :

BNA_F

ClientSampleId :

PE-8



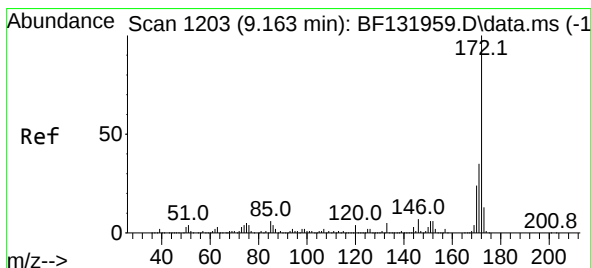
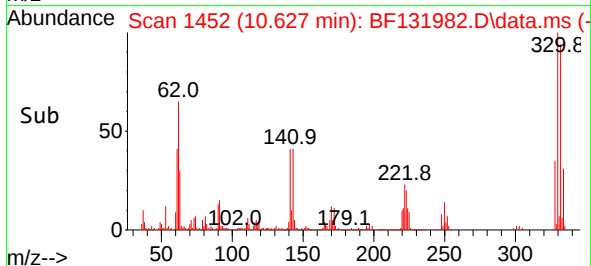
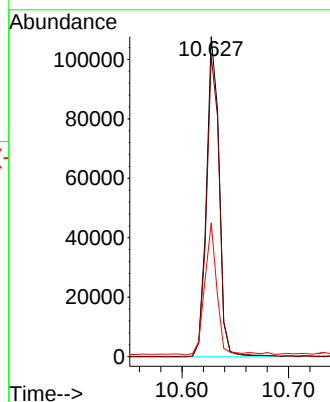
Tgt Ion:330 Resp: 89197

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

141 39.1 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 65.487 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF131982.D

Acq: 10 Jan 2023 01:16

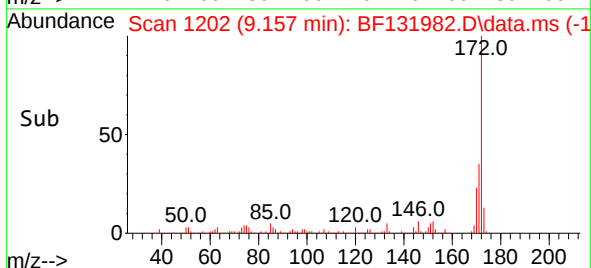
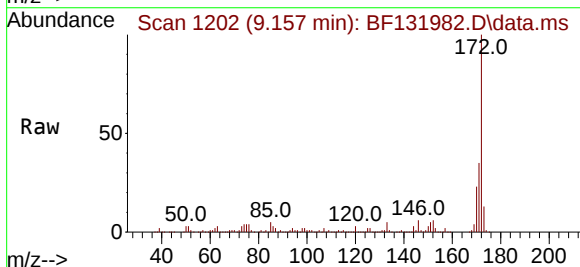
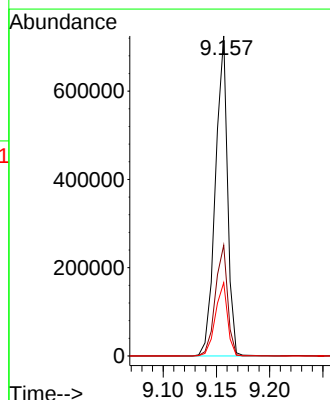
Tgt Ion:172 Resp: 572352

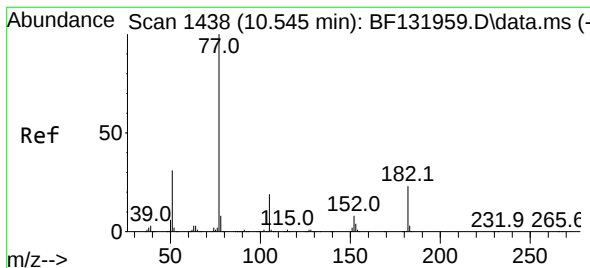
Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 22.9 18.9 28.3





#63

Azobenzene

Concen: 6.450 ng

RT: 10.551 min Scan# 1439

Delta R.T. 0.006 min

Lab File: BF131982.D

Acq: 10 Jan 2023 01:16

Instrument :

BNA_F

ClientSampleId :

PE-8

Tgt Ion: 77 Resp: 61874

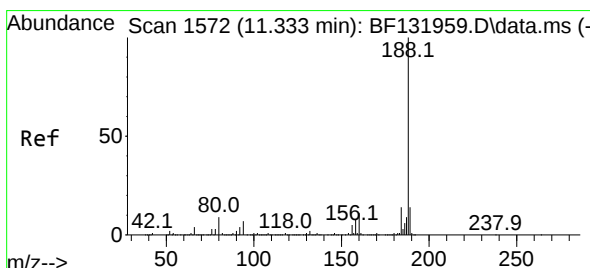
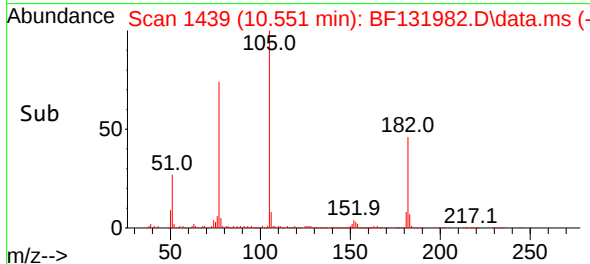
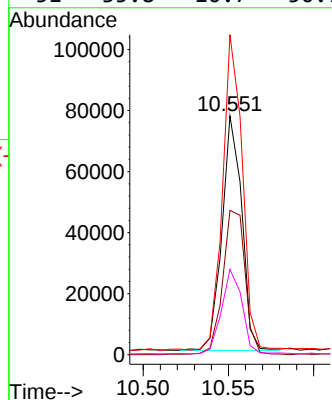
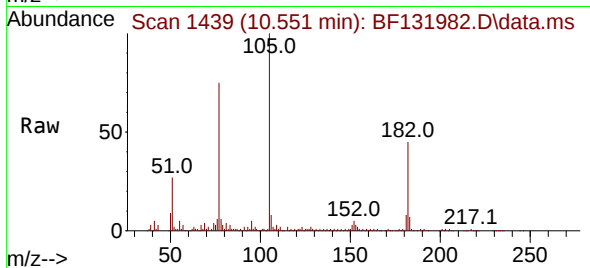
Ion Ratio Lower Upper

77 100

182 60.5 2.9 42.9#

105 134.1 0.0 39.3#

51 35.8 10.7 50.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF131982.D

Acq: 10 Jan 2023 01:16

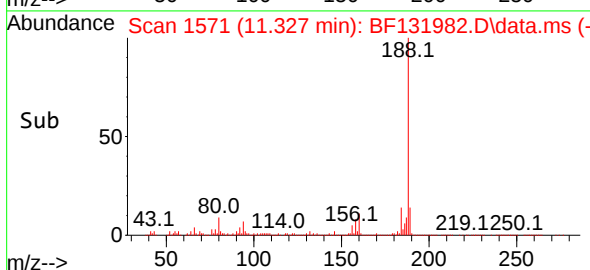
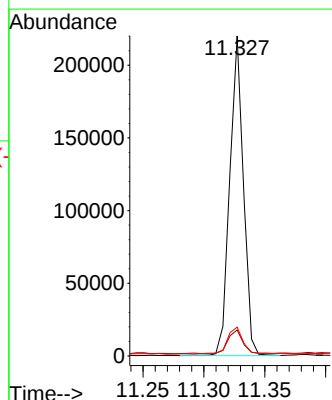
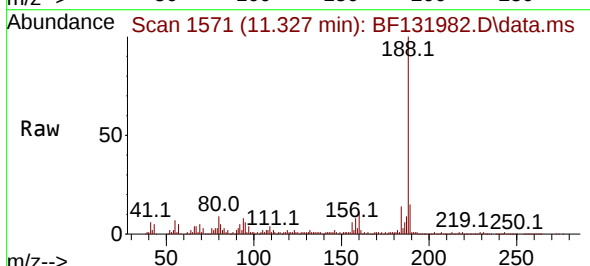
Tgt Ion: 188 Resp: 171944

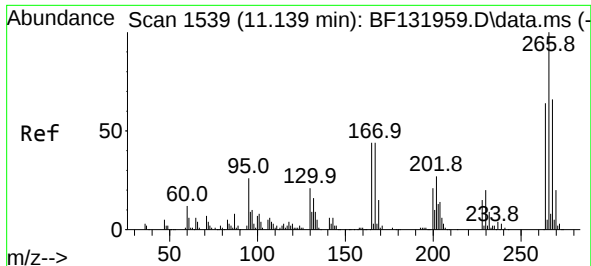
Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

80 9.0 7.4 11.0

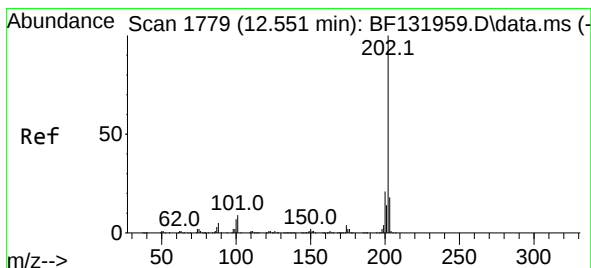
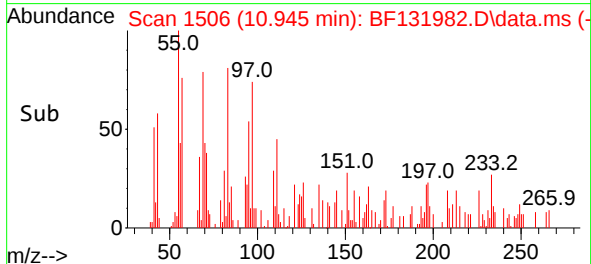
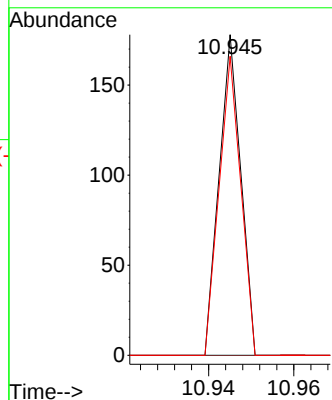
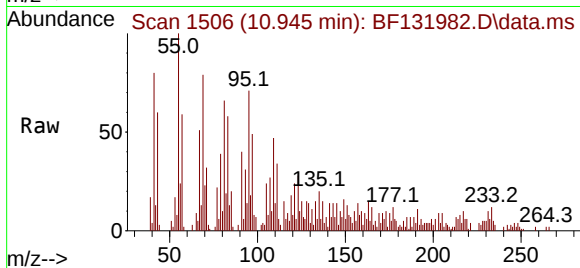




#70
 Pentachlorophenol
 Concen: 4.409 ng
 RT: 10.945 min Scan# 1506
 Delta R.T. -0.194 min
 Lab File: BF131982.D
 Acq: 10 Jan 2023 01:16

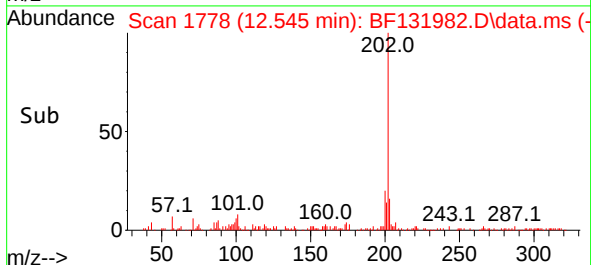
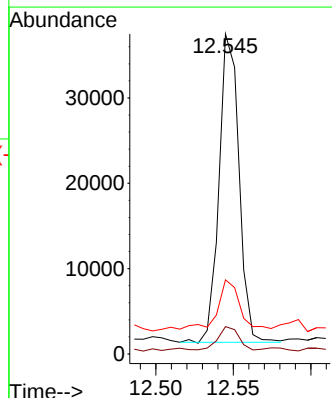
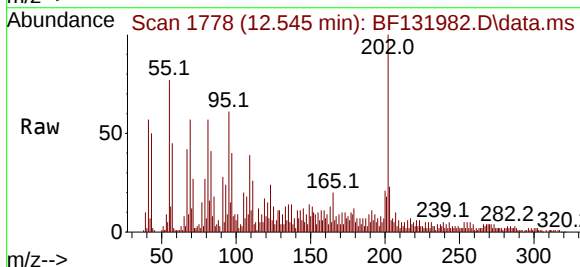
Instrument :
 BNA_F
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 PE-8

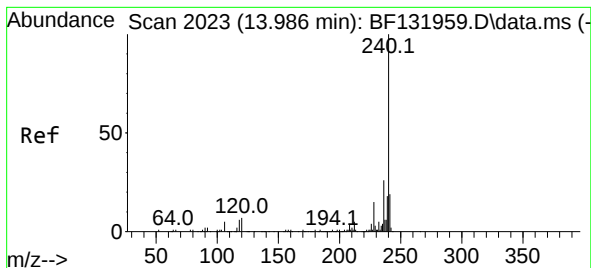
Tgt Ion:266 Resp: 63
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.7 79.1#
 264 93.3 51.6 77.4#



#75
 Fluoranthene
 Concen: 3.214 ng
 RT: 12.545 min Scan# 1778
 Delta R.T. -0.006 min
 Lab File: BF131982.D
 Acq: 10 Jan 2023 01:16

Tgt Ion:202 Resp: 32396
 Ion Ratio Lower Upper
 202 100
 101 8.5 0.0 28.8
 203 23.2 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF131982.D

Acq: 10 Jan 2023 01:16

Instrument :

BNA_F

ClientSampleId :

PE-8

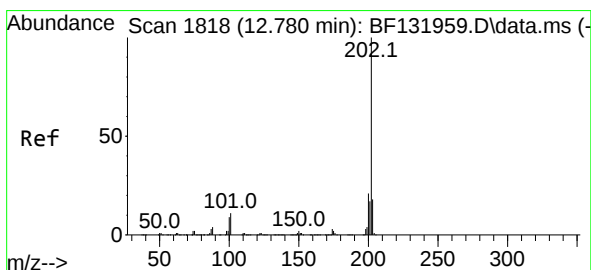
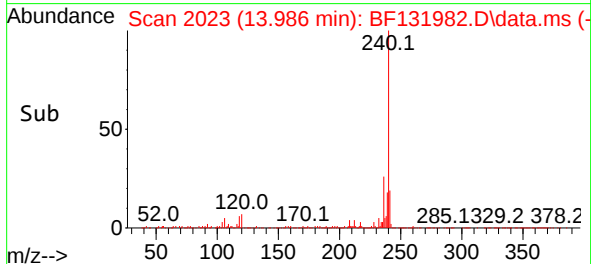
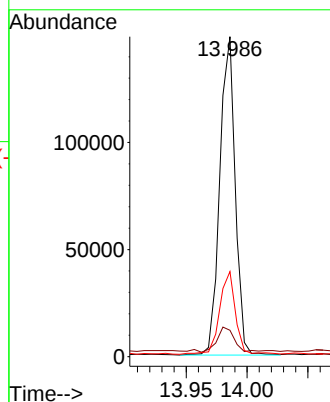
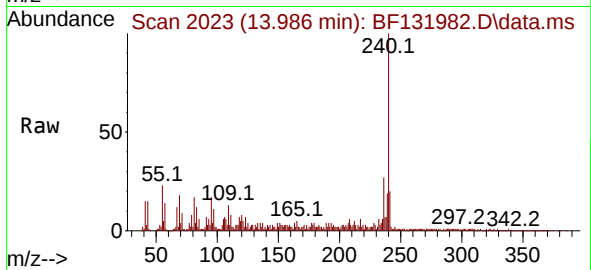
Tgt Ion:240 Resp: 131587

Ion Ratio Lower Upper

240 100

120 8.3 5.4 8.0#

236 26.6 21.1 31.7



#78

Pyrene

Concen: 2.628 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF131982.D

Acq: 10 Jan 2023 01:16

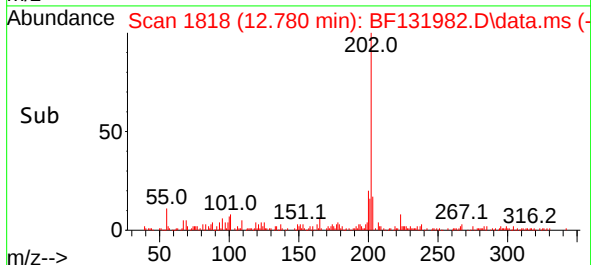
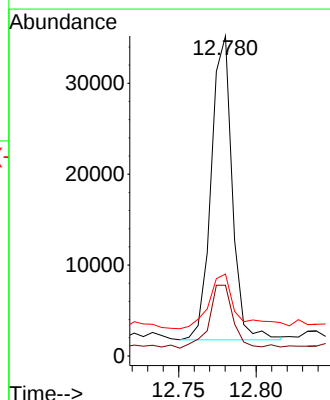
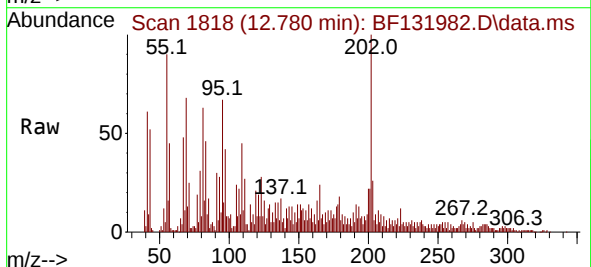
Tgt Ion:202 Resp: 31540

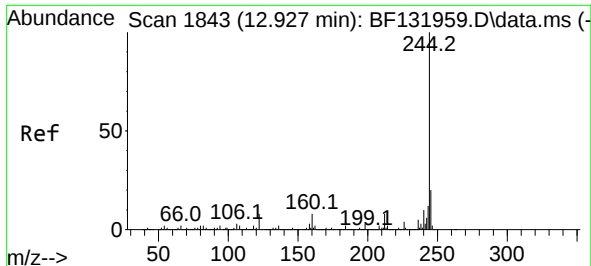
Ion Ratio Lower Upper

202 100

200 22.1 17.0 25.6

203 25.6 14.1 21.1#

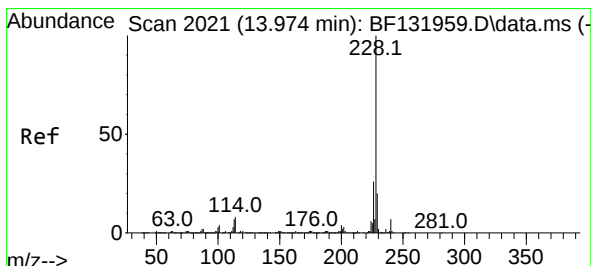
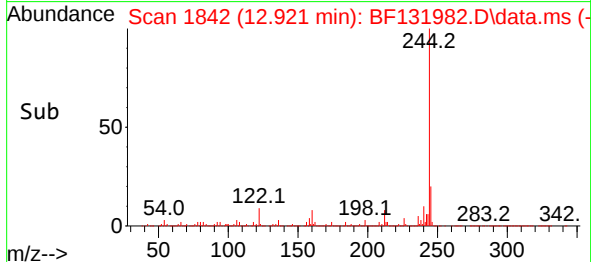
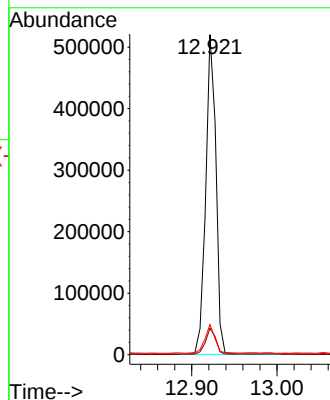
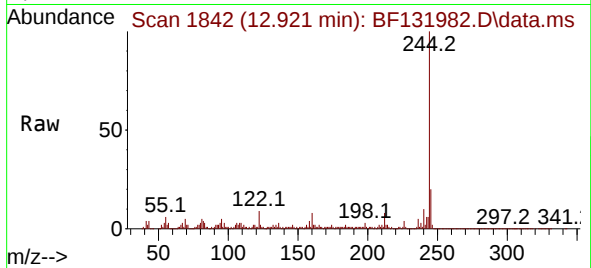




#79
 Terphenyl-d14
 Concen: 46.907 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF131982.D
 Acq: 10 Jan 2023 01:16

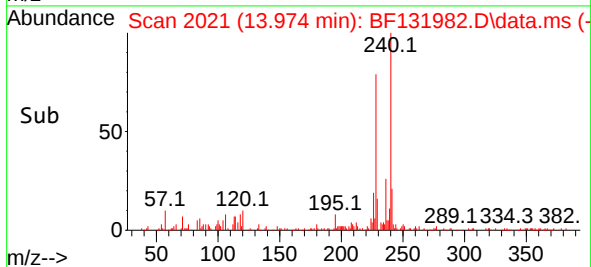
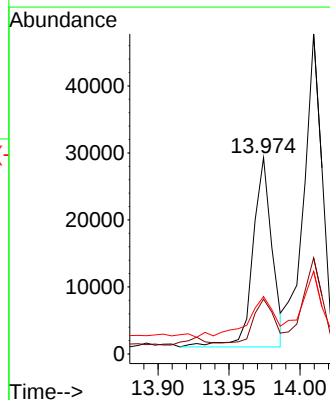
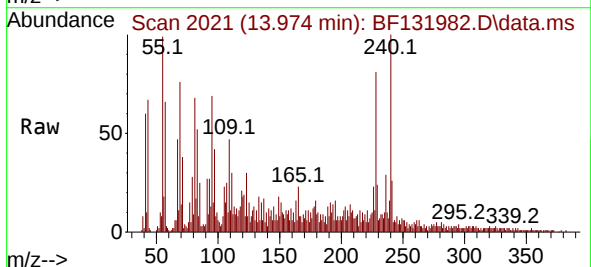
Instrument :
 BNA_F
 ClientSampleId :
 PE-8

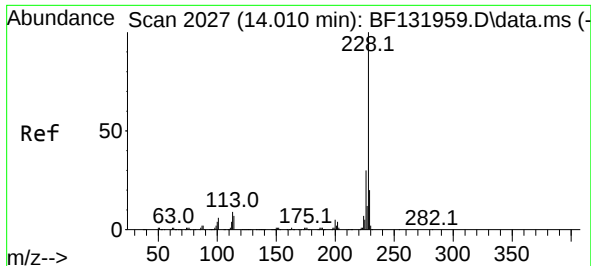
Tgt Ion:244 Resp: 430648
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 9.4 6.8 10.2



#81
 Benzo(a)anthracene
 Concen: 2.773 ng
 RT: 13.974 min Scan# 2021
 Delta R.T. -0.000 min
 Lab File: BF131982.D
 Acq: 10 Jan 2023 01:16

Tgt Ion:228 Resp: 26546
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.0 31.4
 229 29.2 15.8 23.6#

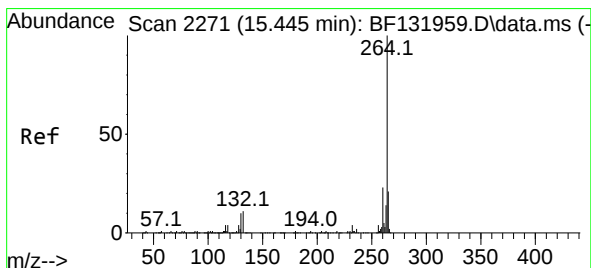
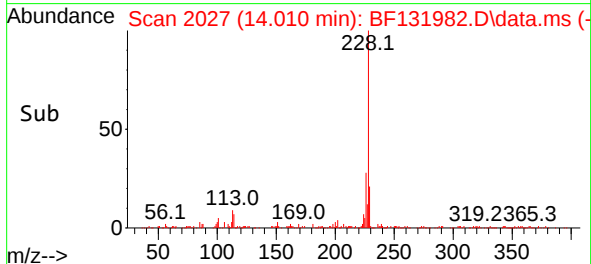
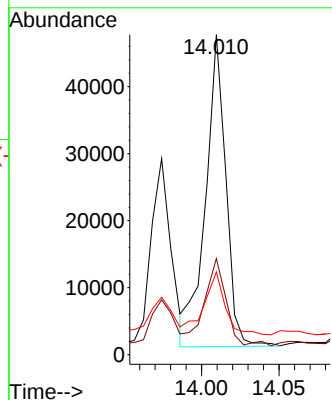
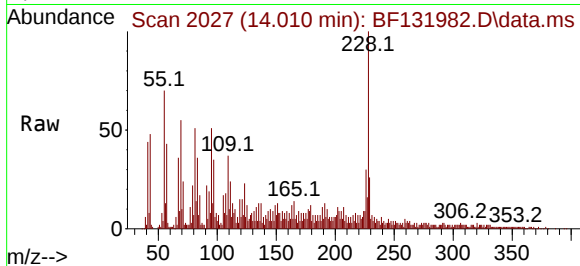




#83
Chrysene
Concen: 4.753 ng
RT: 14.010 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF131982.D
Acq: 10 Jan 2023 01:16

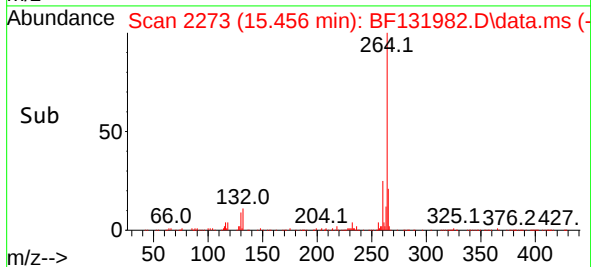
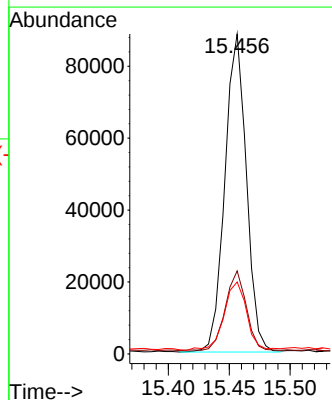
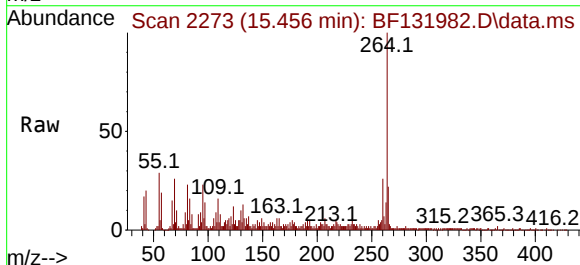
Instrument :
BNA_F
ClientSampleId :
PE-8

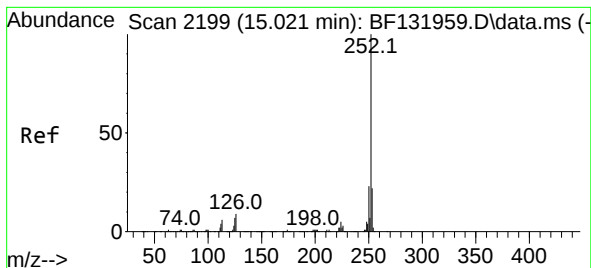
Tgt Ion:228 Resp: 42524
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 25.8 16.2 24.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF131982.D
Acq: 10 Jan 2023 01:16

Tgt Ion:264 Resp: 108679
Ion Ratio Lower Upper
264 100
260 26.0 18.3 27.5
265 22.5 16.9 25.3





#88

Benzo(b)fluoranthene

Concen: 4.707 ng

RT: 15.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131982.D

Acq: 10 Jan 2023 01:16

Instrument :

BNA_F

ClientSampleId :

PE-8

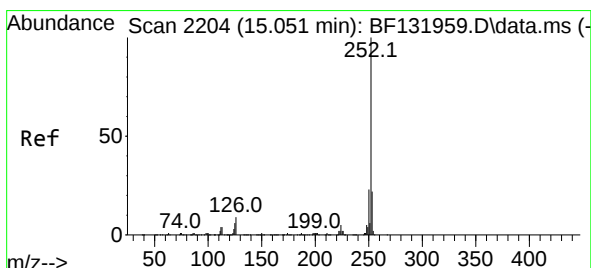
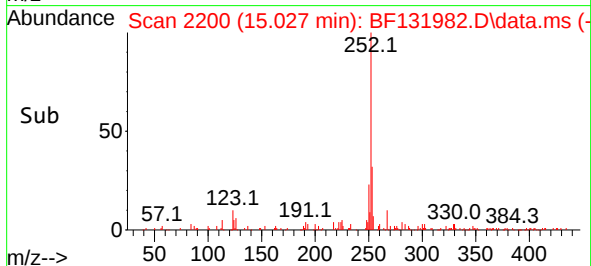
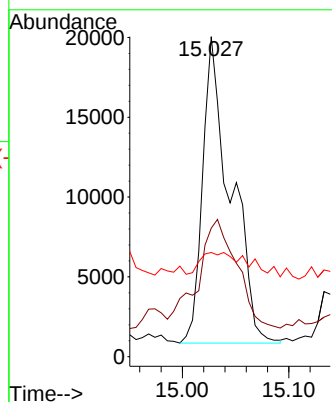
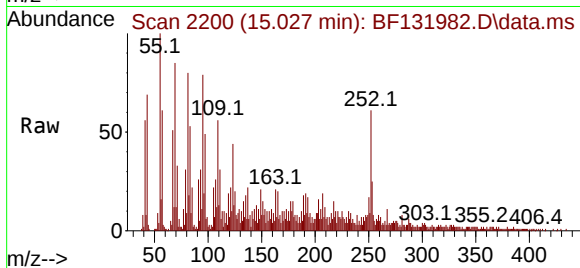
Tgt Ion:252 Resp: 35086

Ion Ratio Lower Upper

252 100

253 40.1 18.0 27.0#

125 32.5 5.8 8.6#



#89

Benzo(k)fluoranthene

Concen: 4.716 ng

RT: 15.027 min Scan# 2200

Delta R.T. -0.024 min

Lab File: BF131982.D

Acq: 10 Jan 2023 01:16

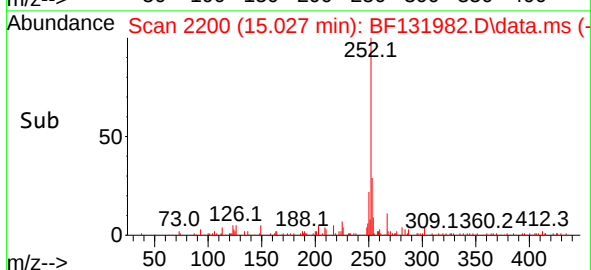
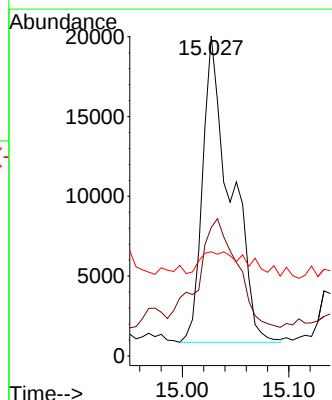
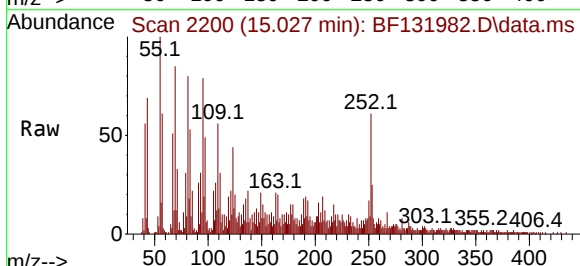
Tgt Ion:252 Resp: 35086

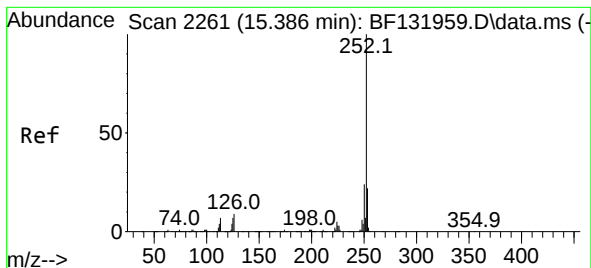
Ion Ratio Lower Upper

252 100

253 40.1 17.8 26.6#

125 32.5 5.2 7.8#





#90

Benzo(a)pyrene

Concen: 2.313 ng

RT: 15.392 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131982.D

Acq: 10 Jan 2023 01:16

Instrument :

BNA_F

ClientSampleId :

PE-8

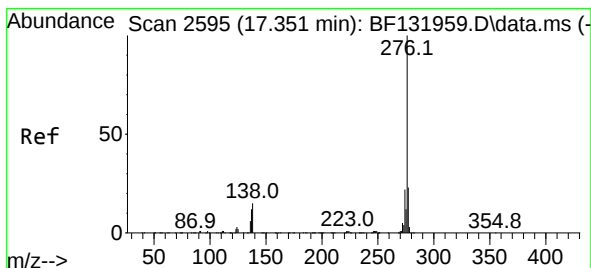
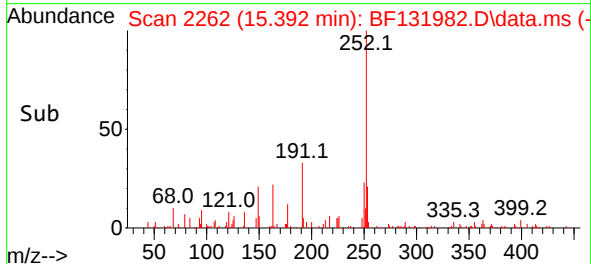
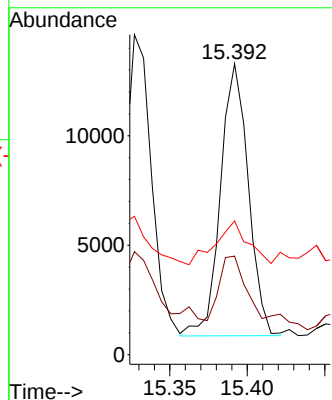
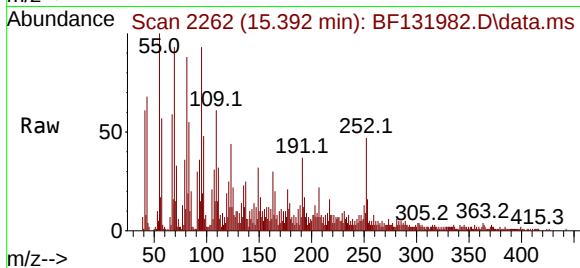
Tgt Ion:252 Resp: 15535

Ion Ratio Lower Upper

252 100

253 33.9 17.4 26.0#

125 46.0 5.7 8.5#



#92

Benzo(g,h,i)perylene

Concen: 5.436 ng

RT: 17.362 min Scan# 2597

Delta R.T. 0.011 min

Lab File: BF131982.D

Acq: 10 Jan 2023 01:16

Tgt Ion:276 Resp: 12343

Ion Ratio Lower Upper

276 100

277 28.3 18.2 27.2#

138 17.6 11.7 17.5#

