

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131983.D
 Acq On : 10 Jan 2023 01:47
 Operator : CG\JU
 Sample : N6243-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-6

Quant Time: Jan 10 03:18:07 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)

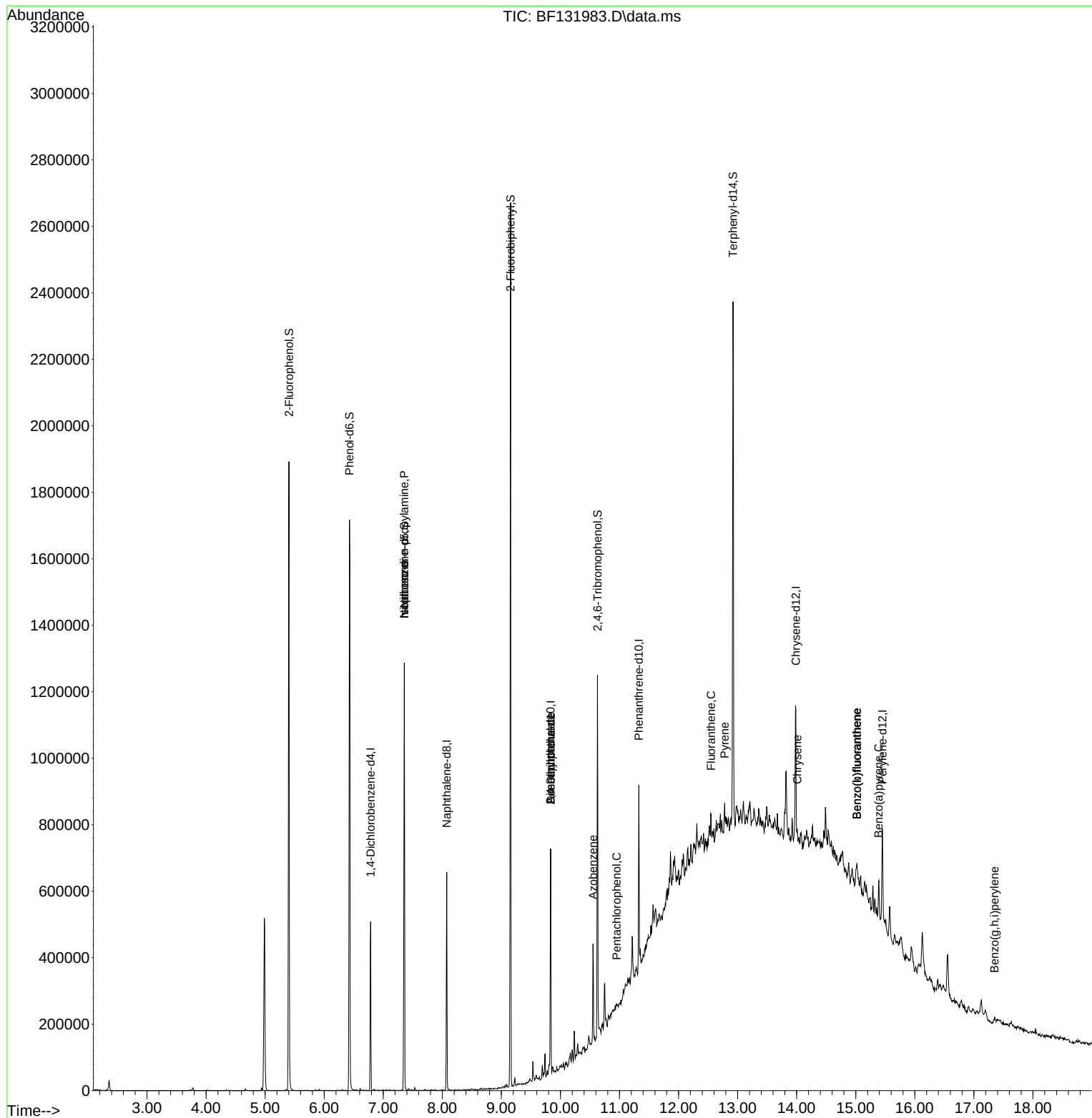
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	68728	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	235418	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	113581	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	168255	20.000	ng	0.00
76) Chrysene-d12	13.986	240	132779	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	110546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	462554	110.899	ng	0.01
7) Phenol-d6	6.428	99	587534	106.242	ng	0.00
23) Nitrobenzene-d5	7.357	82	416759	73.473	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	107700	82.470	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	684180	81.318	ng	0.00
79) Terphenyl-d14	12.921	244	551925	59.577	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	58418	14.603	ng	# 79
25) Isophorone	7.357	82	414923	39.156	ng	# 69
50) Dimethylphthalate	9.833	163	24491	2.766	ng	# 1
57) 2,4-Dinitrotoluene	9.833	165	16886	6.783	ng	# 13
63) Azobenzene	10.551	77	54318	5.882	ng	# 3
70) Pentachlorophenol	10.951	266	68	4.415	ng	# 17
75) Fluoranthene	12.551	202	29640	3.005	ng	91
78) Pyrene	12.780	202	30589	2.526	ng	# 88
83) Chrysene	14.010	228	18610	2.061	ng	# 87
88) Benzo(b)fluoranthene	15.021	252	30446	4.015	ng	# 63
89) Benzo(k)fluoranthene	15.021	252	30446	4.024	ng	# 62
90) Benzo(a)pyrene	15.386	252	14188	2.077	ng	# 62
92) Benzo(g,h,i)perylene	17.351	276	9907	5.033	ng	# 90

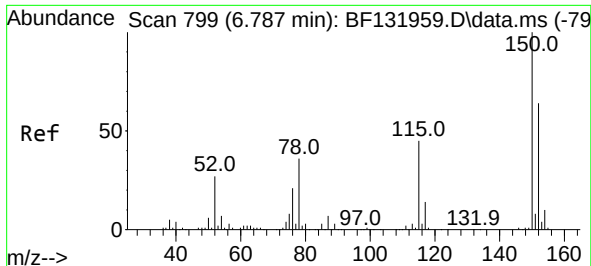
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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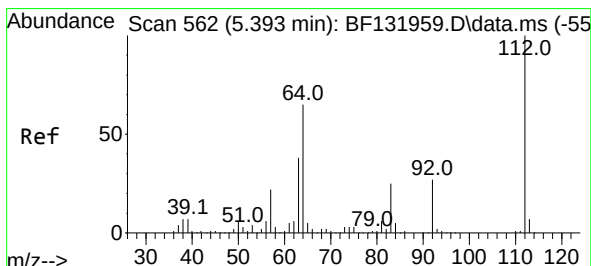
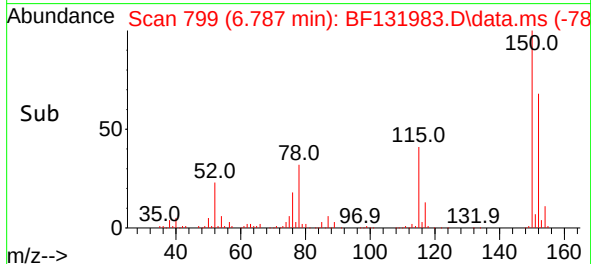
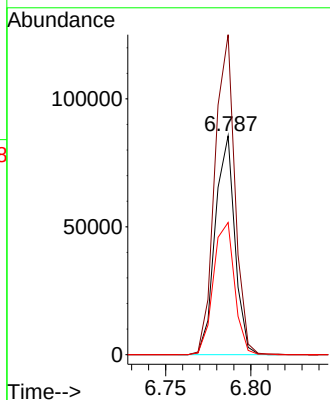
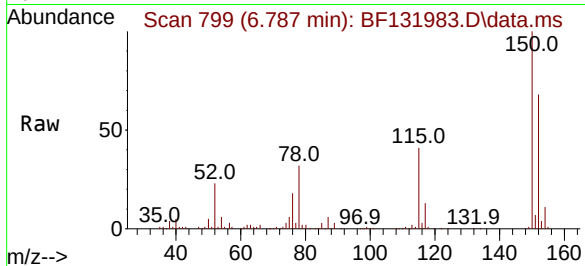




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

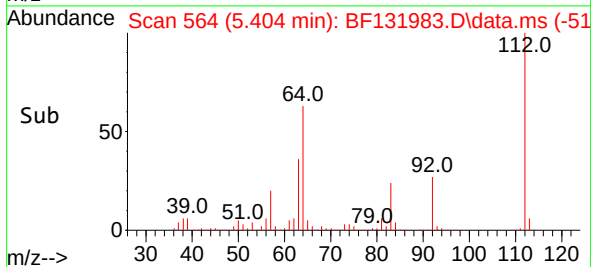
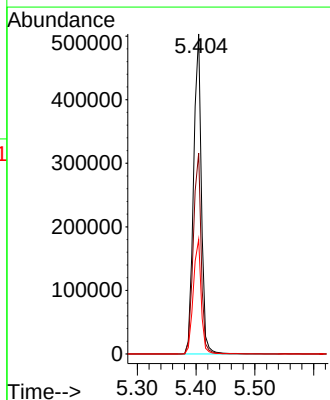
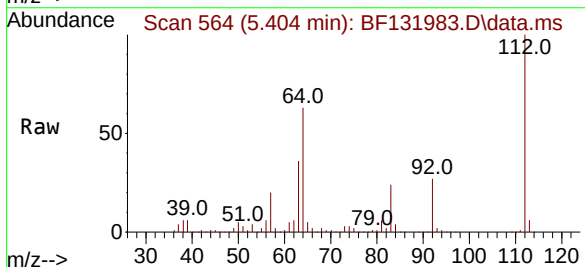
Instrument :
BNA_F
ClientSampleId :
PE-6

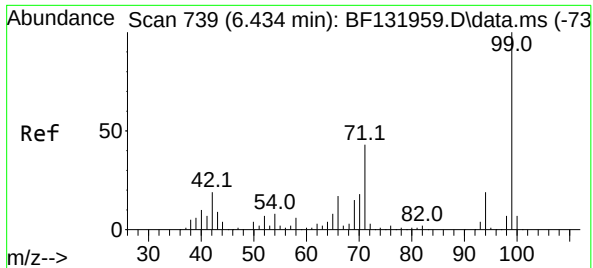
Tgt Ion:152 Resp: 68728
Ion Ratio Lower Upper
152 100
150 146.2 124.6 186.8
115 60.4 55.6 83.4



#5
2-Fluorophenol
Concen: 110.899 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

Tgt Ion:112 Resp: 462554
Ion Ratio Lower Upper
112 100
64 62.8 51.9 77.9
63 35.7 30.2 45.2

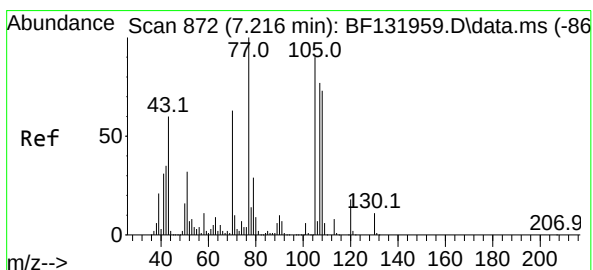
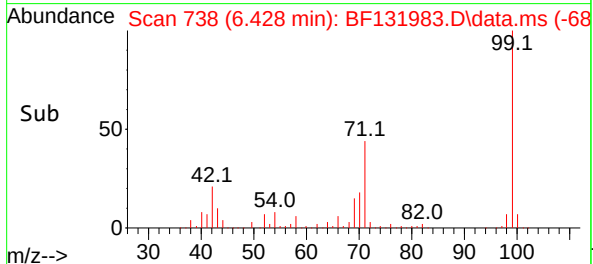
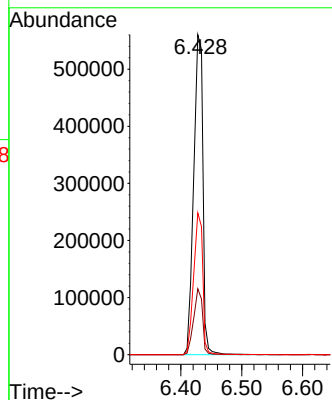
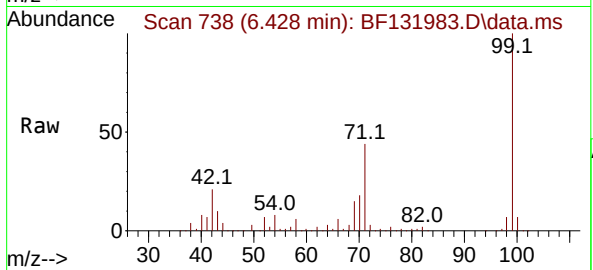




#7
Phenol-d6
Concen: 106.242 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

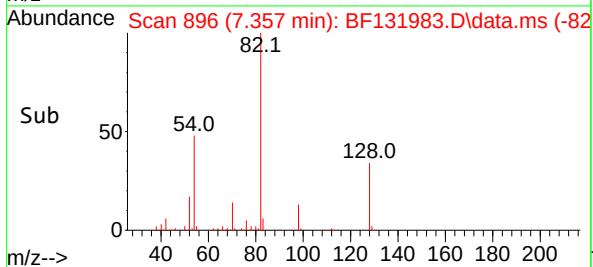
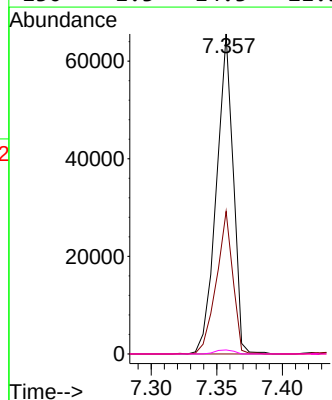
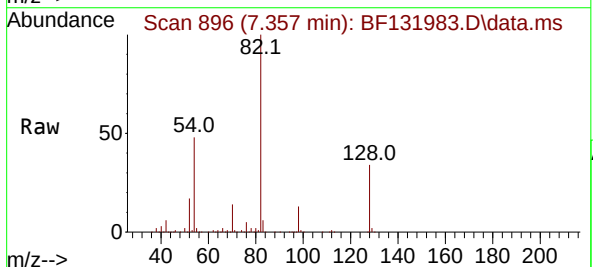
Instrument :
BNA_F
ClientSampleId :
PE-6

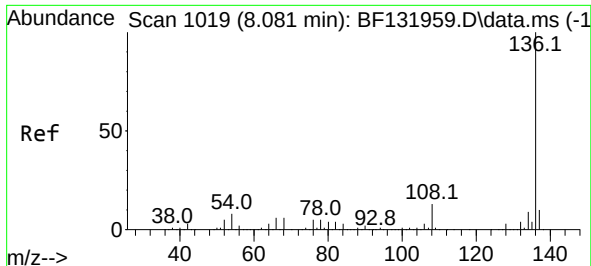
Tgt Ion: 99 Resp: 587534
Ion Ratio Lower Upper
99 100
42 20.6 15.4 23.2
71 44.3 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.603 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

Tgt Ion: 70 Resp: 58418
Ion Ratio Lower Upper
70 100
42 44.6 44.3 66.5
101 0.0 7.5 11.3#
130 1.3 14.3 21.5#

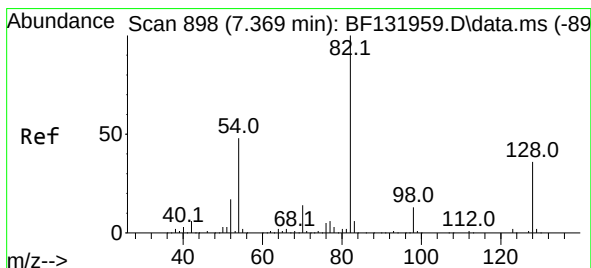
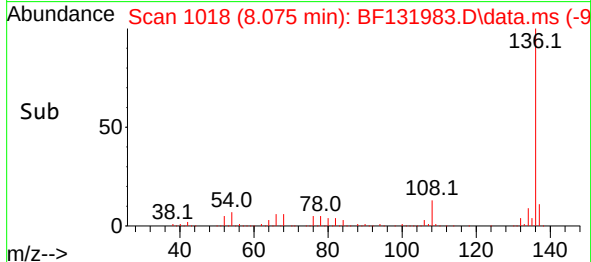
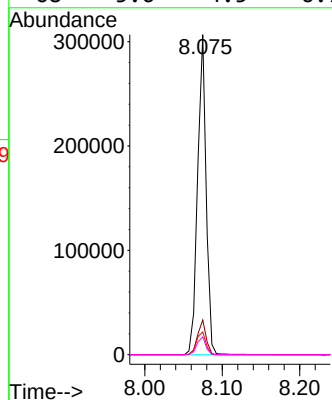
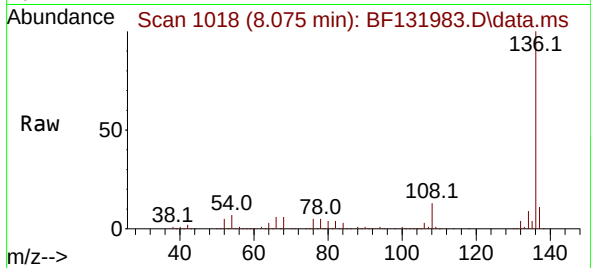




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

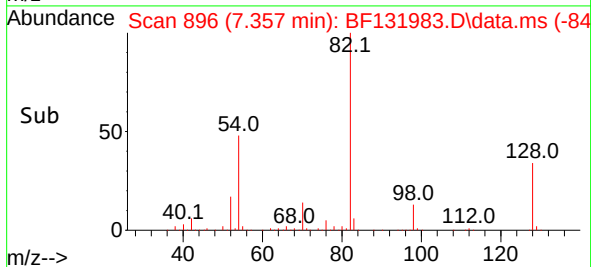
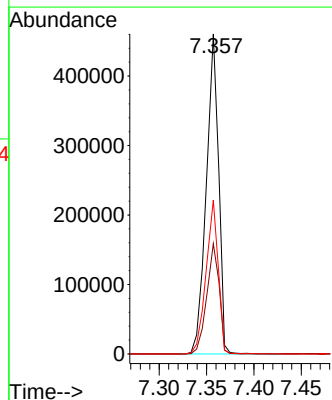
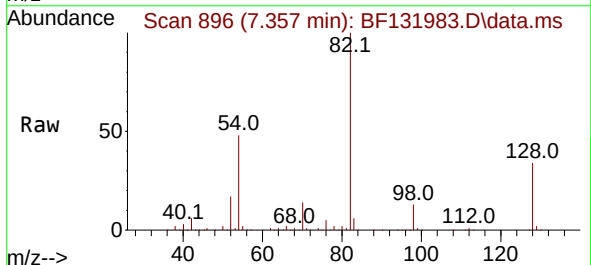
Instrument :
BNA_F
ClientSampleId :
PE-6

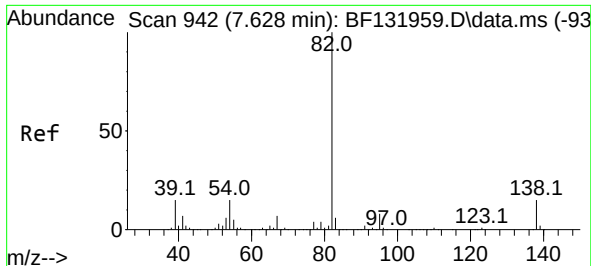
Tgt Ion:136 Resp: 235418
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 7.1 6.6 9.8
68 5.6 4.5 6.7



#23
Nitrobenzene-d5
Concen: 73.473 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

Tgt Ion: 82 Resp: 416759
Ion Ratio Lower Upper
82 100
128 34.4 28.7 43.1
54 48.1 38.1 57.1

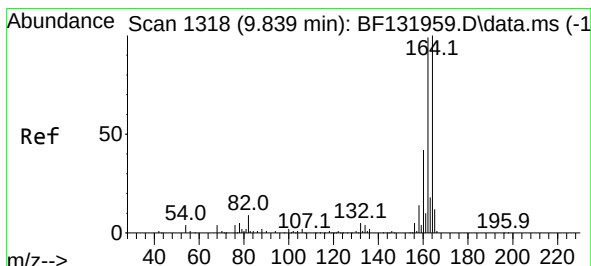
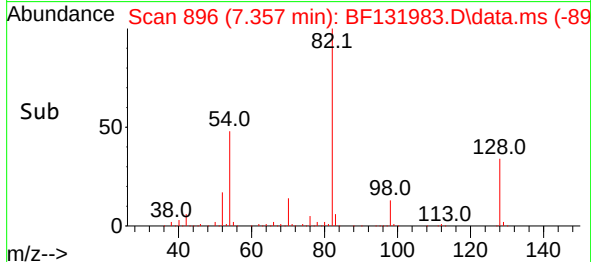
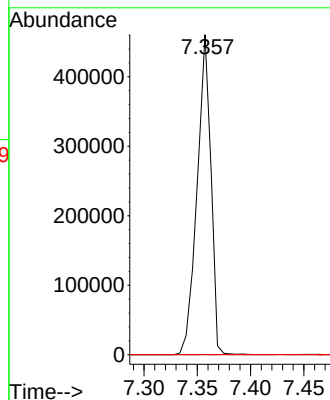
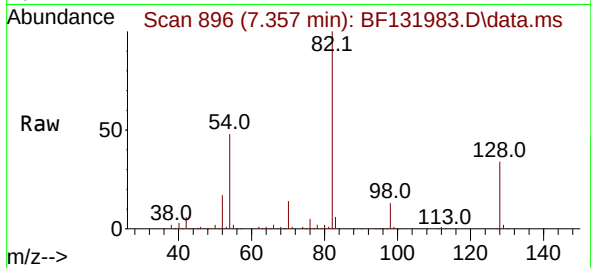




#25
Isophorone
Concen: 39.156 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

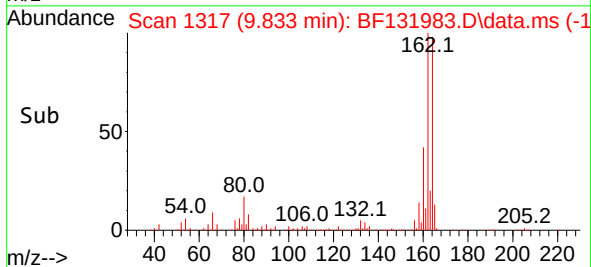
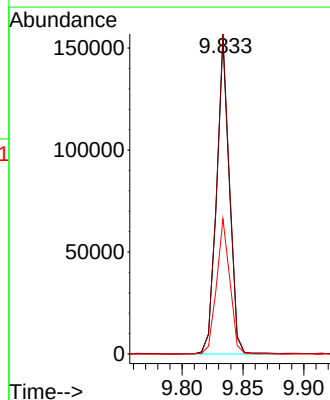
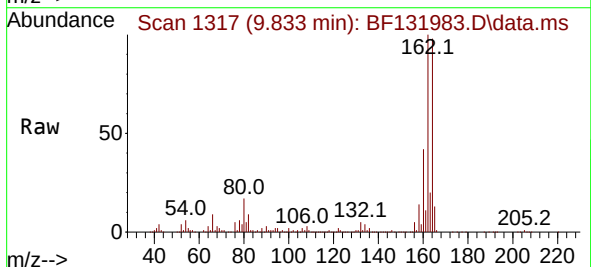
Instrument :
BNA_F
ClientSampleId :
PE-6

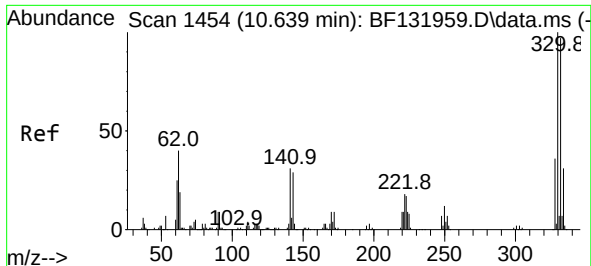
Tgt Ion: 82 Resp: 414923
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

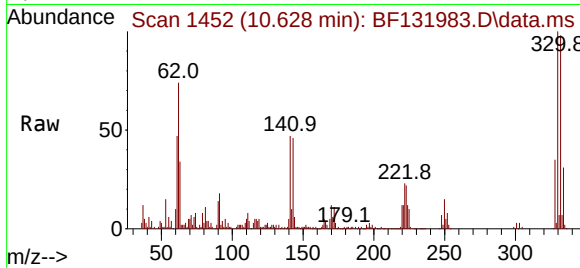
Tgt Ion: 164 Resp: 113581
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.0
160 43.0 33.9 50.9



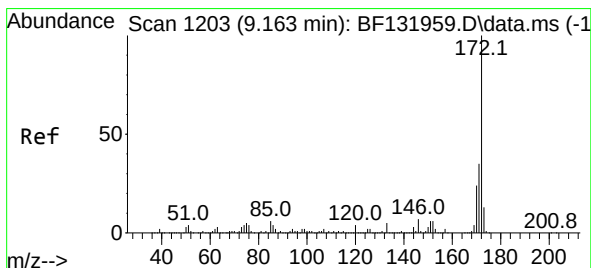
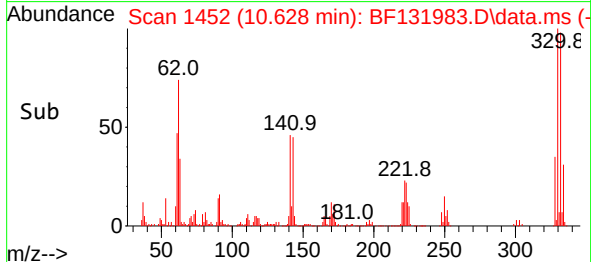
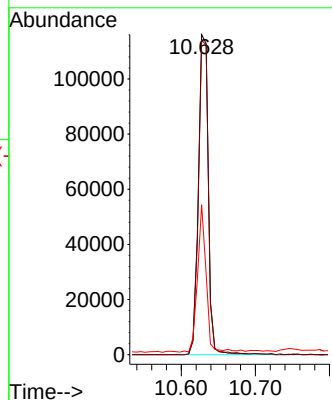


#42
2,4,6-Tribromophenol
Concen: 82.470 ng
RT: 10.628 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

Instrument :
BNA_F
ClientSampleId :
PE-6

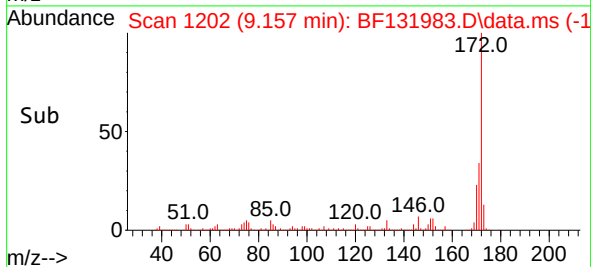
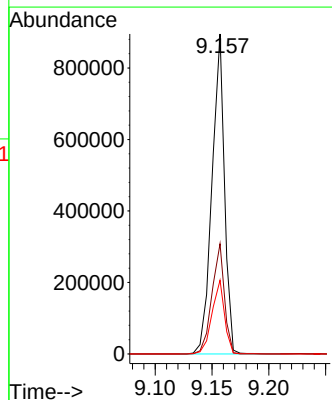
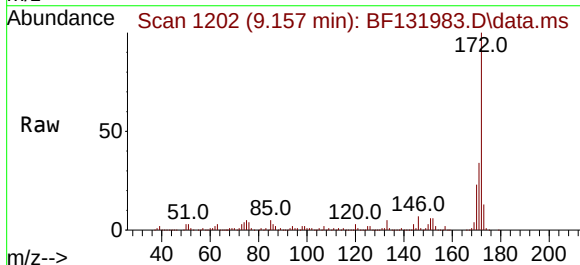


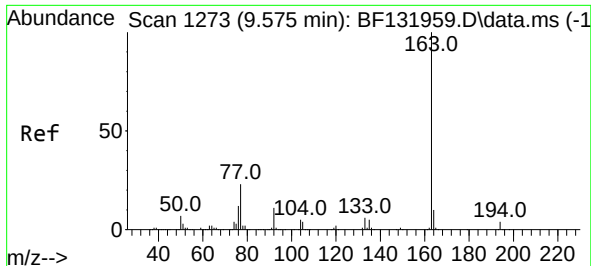
Tgt Ion:330 Resp: 107700
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 39.0 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 81.318 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

Tgt Ion:172 Resp: 684180
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.0 18.9 28.3

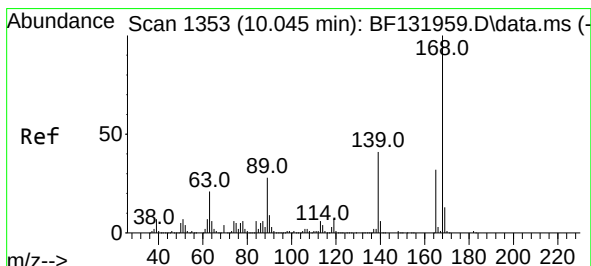
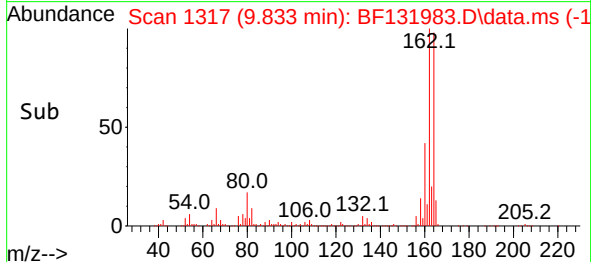
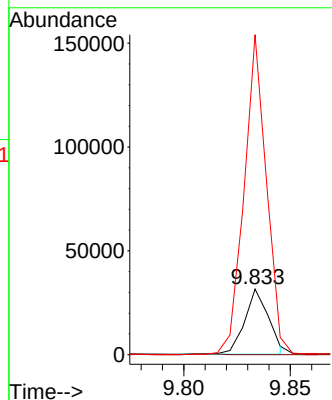
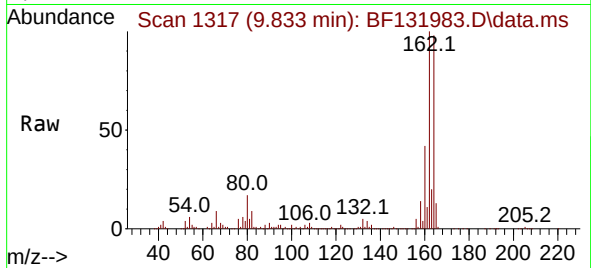




#50
Dimethylphthalate
Concen: 2.766 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

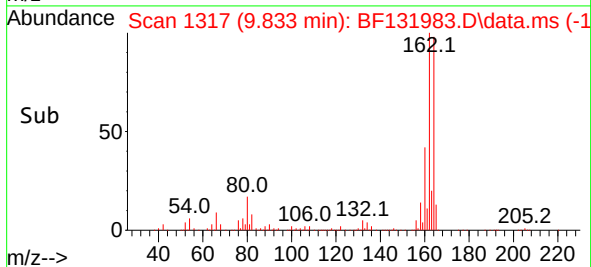
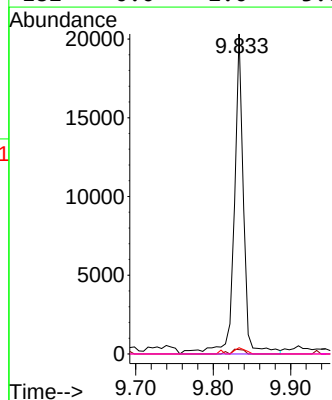
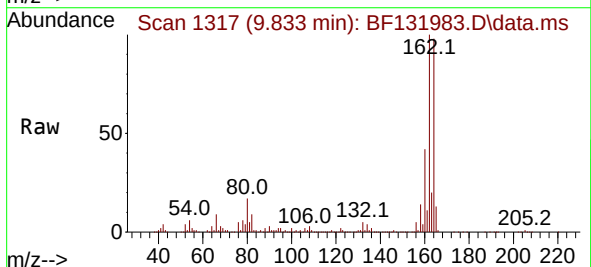
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BNA_F
ClientSampleId :
PE-6

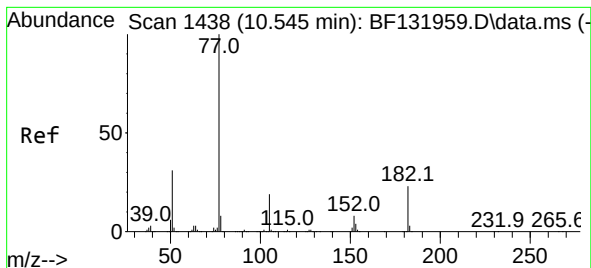
Tgt Ion:163 Resp: 24491
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 487.2 7.8 11.6#



#57
2,4-Dinitrotoluene
Concen: 6.783 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.212 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

Tgt Ion:165 Resp: 16886
Ion Ratio Lower Upper
165 100
63 1.4 53.2 79.8#
89 1.9 71.2 106.8#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 5.882 ng

RT: 10.551 min Scan# 1439

Delta R.T. 0.006 min

Lab File: BF131983.D

Acq: 10 Jan 2023 01:47

Instrument :

BNA_F

ClientSampleId :

PE-6

Tgt Ion: 77 Resp: 54318

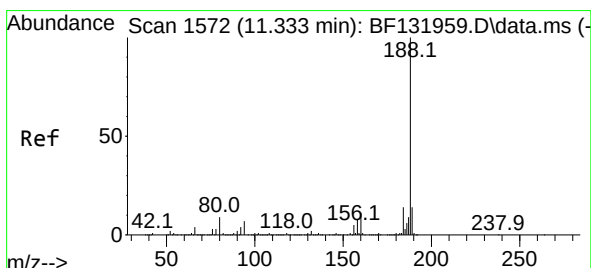
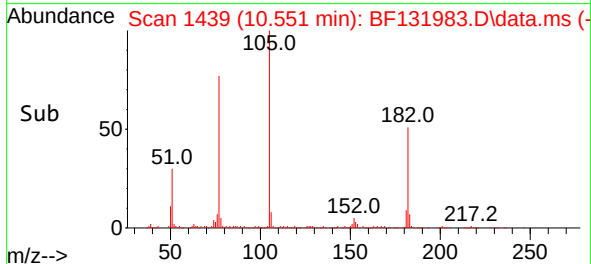
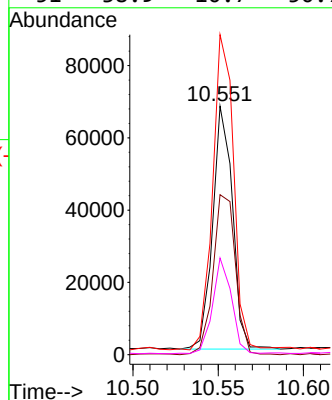
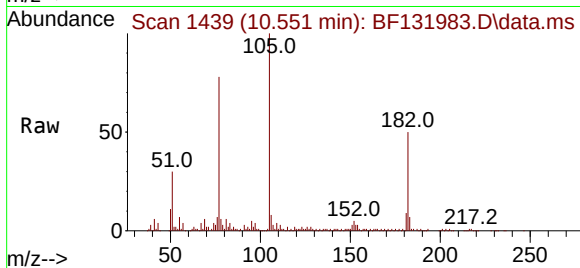
Ion Ratio Lower Upper

77 100

182 64.4 2.9 42.9#

105 128.8 0.0 39.3#

51 38.9 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: BF131983.D

Acq: 10 Jan 2023 01:47

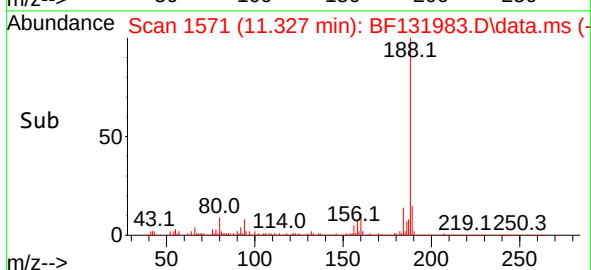
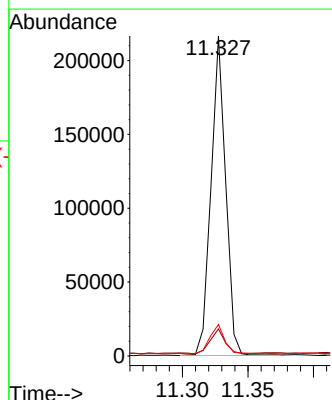
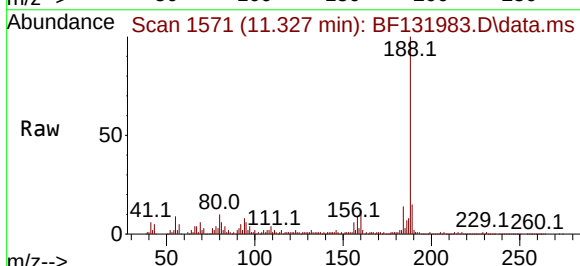
Tgt Ion: 188 Resp: 168255

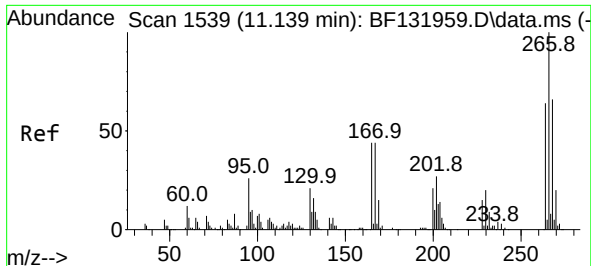
Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.6

80 9.8 7.4 11.0

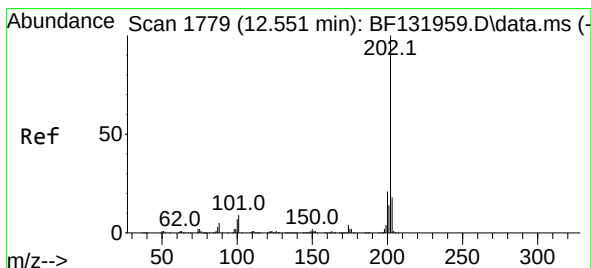
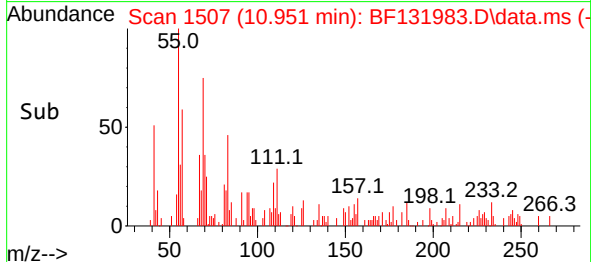
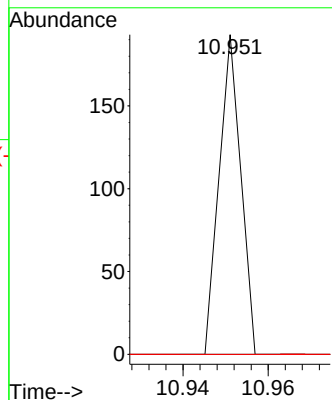
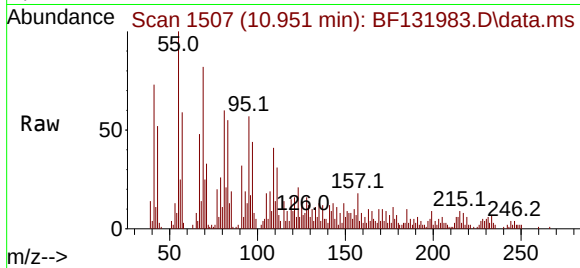




#70
 Pentachlorophenol
 Concen: 4.415 ng
 RT: 10.951 min Scan# 1507
 Delta R.T. -0.188 min
 Lab File: BF131983.D
 Acq: 10 Jan 2023 01:47

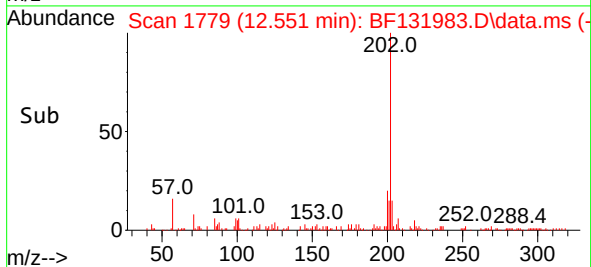
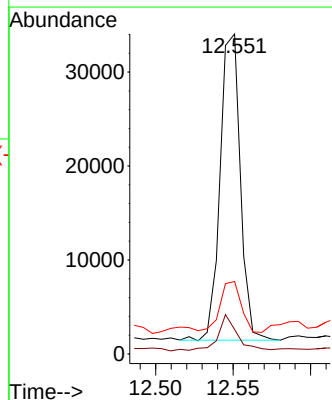
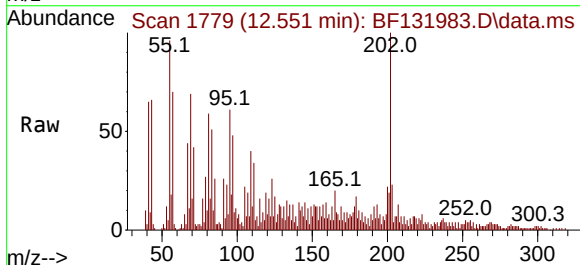
Instrument :
 BNA_F
 ClientSampleId :
 PE-6

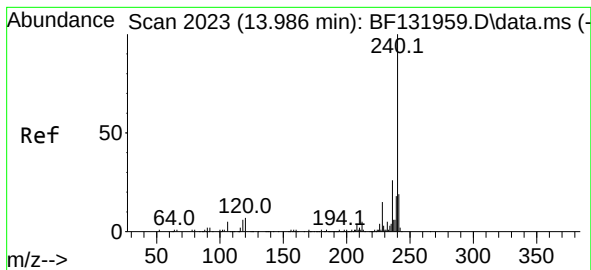
Tgt Ion:266 Resp: 68
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.7 79.1#
 264 0.0 51.6 77.4#



#75
 Fluoranthene
 Concen: 3.005 ng
 RT: 12.551 min Scan# 1779
 Delta R.T. -0.000 min
 Lab File: BF131983.D
 Acq: 10 Jan 2023 01:47

Tgt Ion:202 Resp: 29640
 Ion Ratio Lower Upper
 202 100
 101 7.6 0.0 28.8
 203 22.6 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: BF131983.D

Acq: 10 Jan 2023 01:47

Instrument :

BNA_F

ClientSampleId :

PE-6

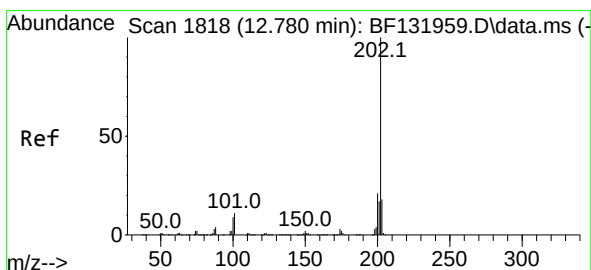
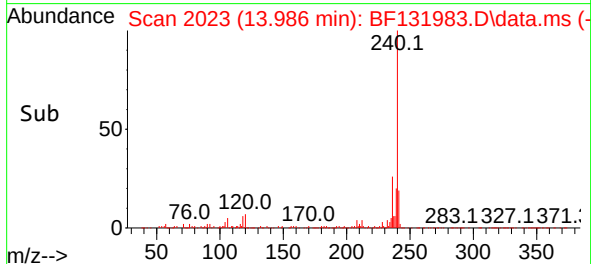
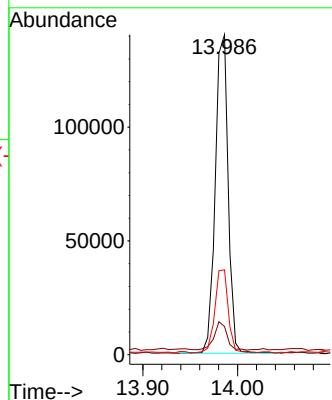
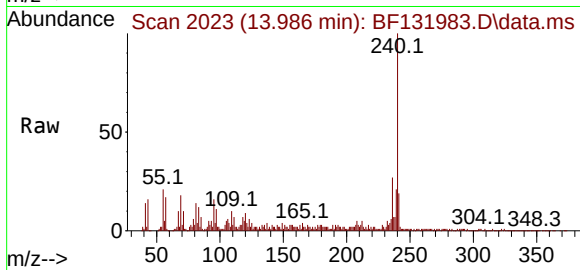
Tgt Ion:240 Resp: 132779

Ion Ratio Lower Upper

240 100

120 8.8 5.4 8.0#

236 26.5 21.1 31.7



#78

Pyrene

Concen: 2.526 ng

RT: 12.780 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF131983.D

Acq: 10 Jan 2023 01:47

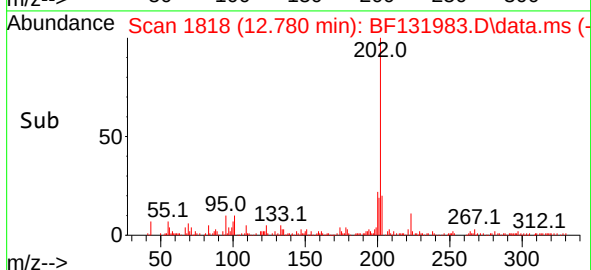
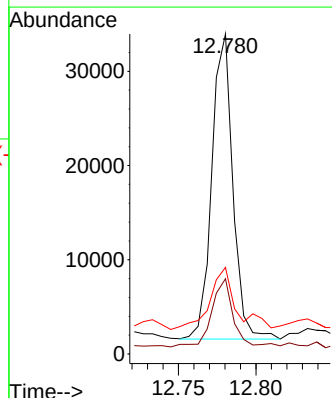
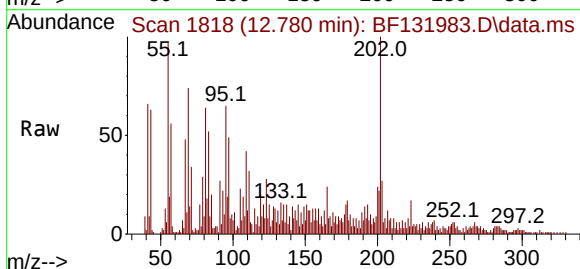
Tgt Ion:202 Resp: 30589

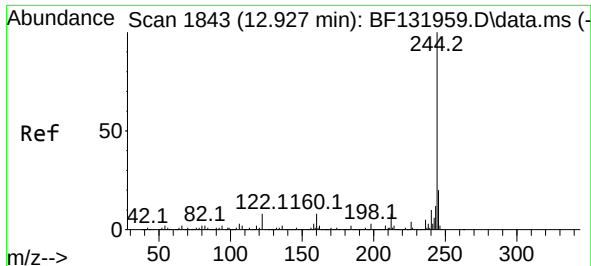
Ion Ratio Lower Upper

202 100

200 23.5 17.0 25.6

203 27.0 14.1 21.1#

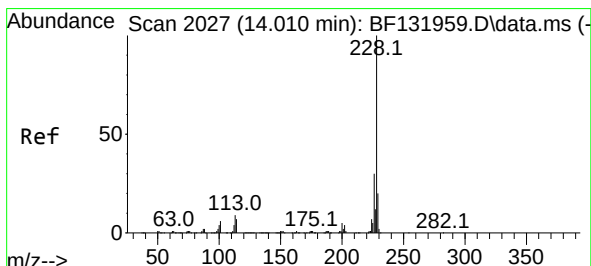
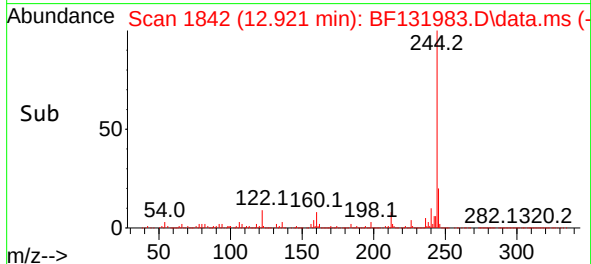
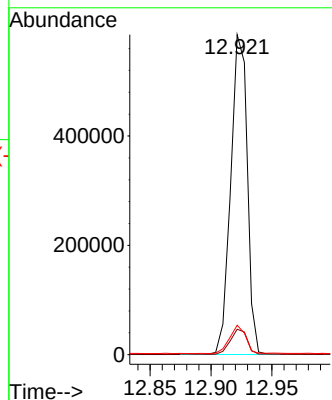
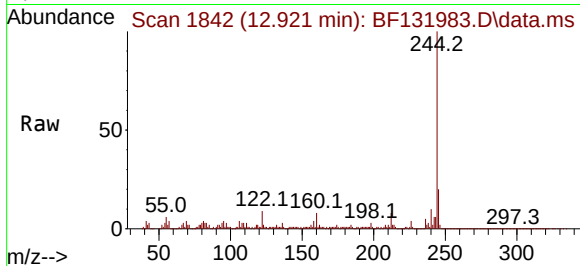




#79
 Terphenyl-d14
 Concen: 59.577 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF131983.D
 Acq: 10 Jan 2023 01:47

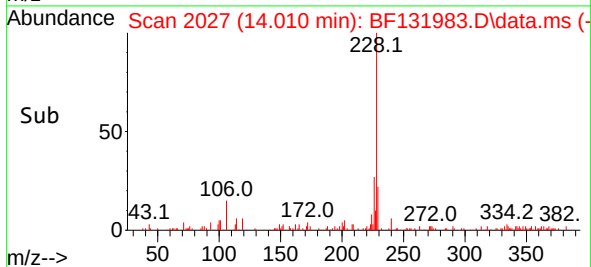
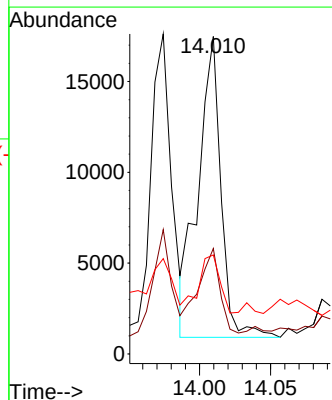
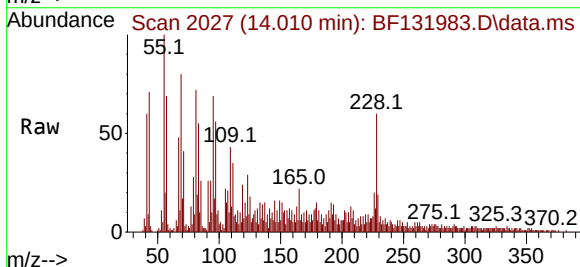
Instrument :
 BNA_F
 ClientSampleId :
 PE-6

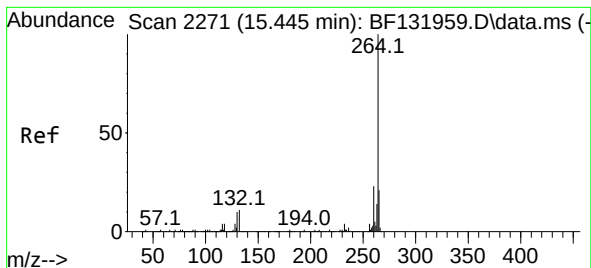
Tgt Ion:244 Resp: 551925
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 9.2 6.8 10.2



#83
 Chrysene
 Concen: 2.061 ng
 RT: 14.010 min Scan# 2027
 Delta R.T. -0.000 min
 Lab File: BF131983.D
 Acq: 10 Jan 2023 01:47

Tgt Ion:228 Resp: 18610
 Ion Ratio Lower Upper
 228 100
 226 33.2 24.0 36.0
 229 31.2 16.2 24.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF131983.D

Acq: 10 Jan 2023 01:47

Instrument :

BNA_F

ClientSampleId :

PE-6

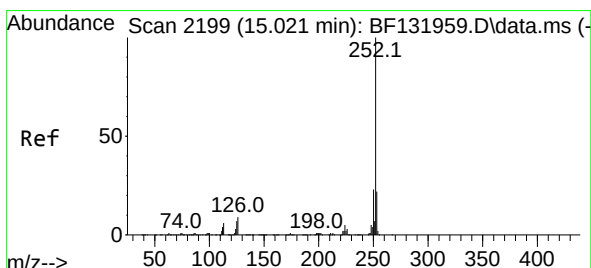
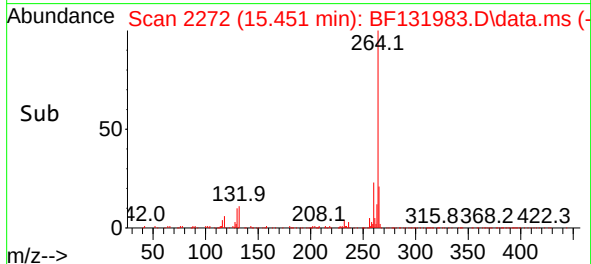
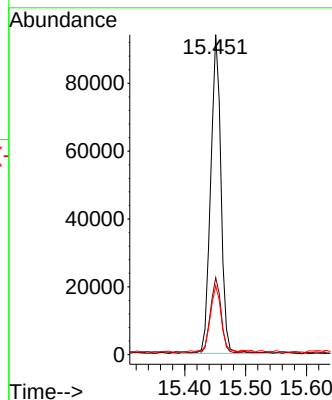
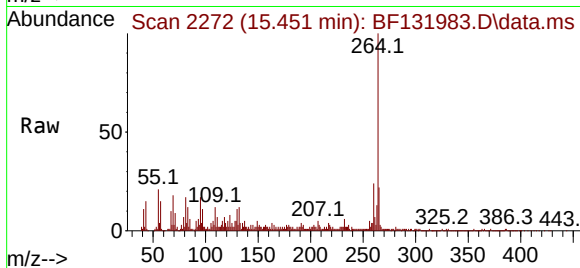
Tgt Ion:264 Resp: 110546

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 21.6 16.9 25.3



#88

Benzo(b)fluoranthene

Concen: 4.015 ng

RT: 15.021 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF131983.D

Acq: 10 Jan 2023 01:47

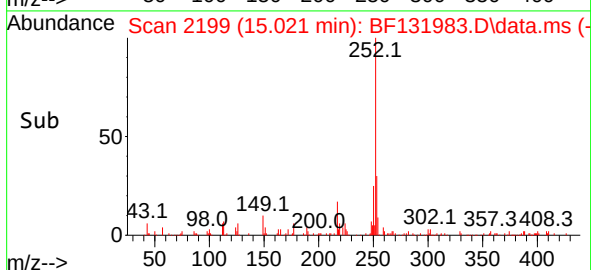
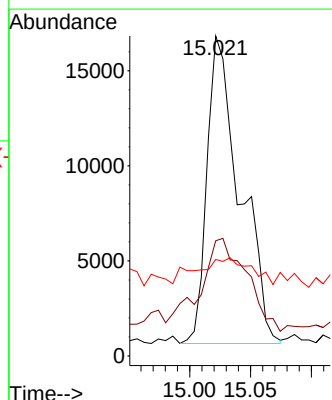
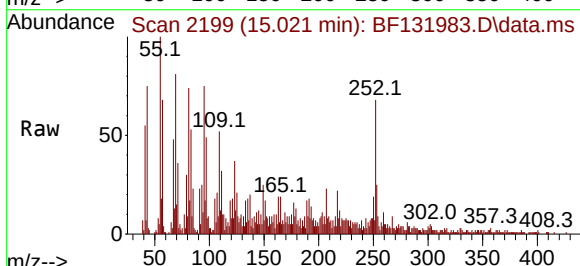
Tgt Ion:252 Resp: 30446

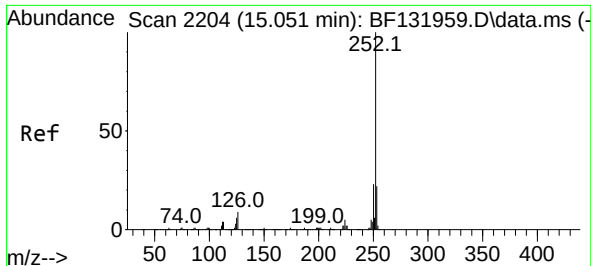
Ion Ratio Lower Upper

252 100

253 36.0 18.0 27.0#

125 30.2 5.8 8.6#

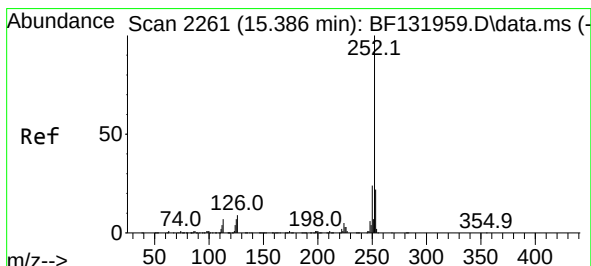
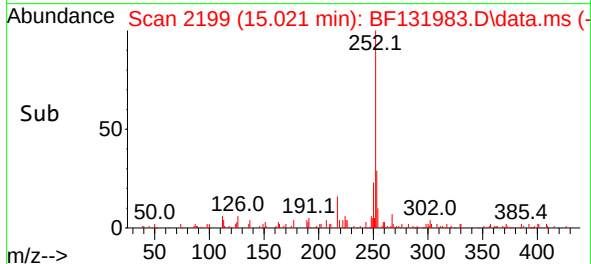
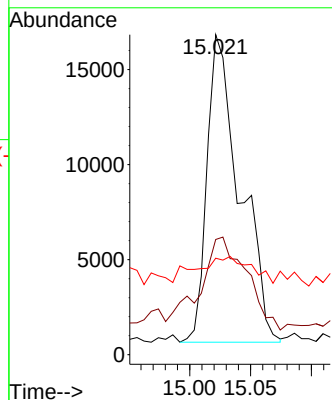
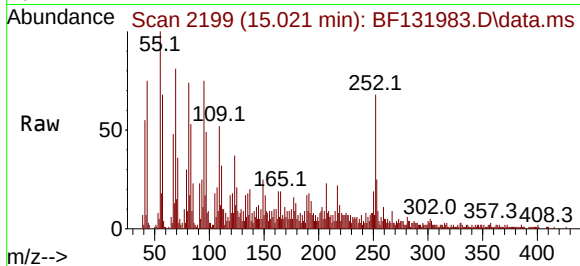




#89
Benzo(k)fluoranthene
Concen: 4.024 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.030 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

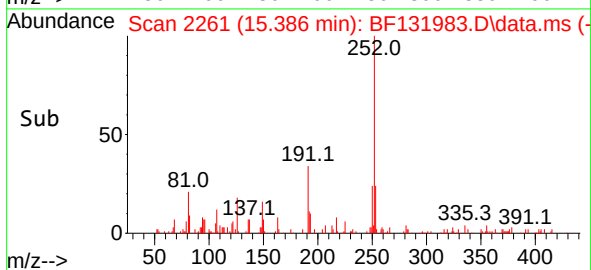
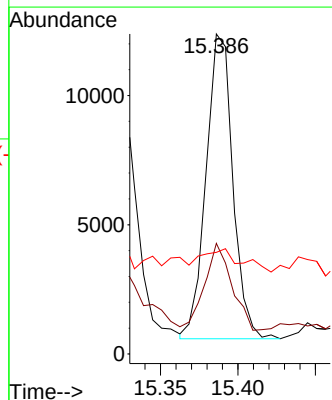
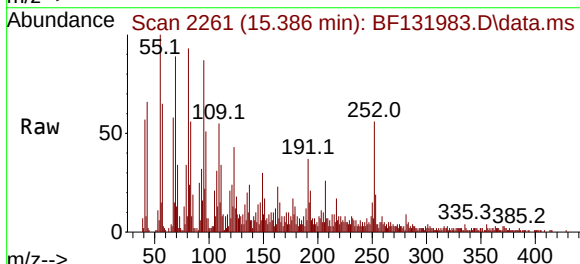
Instrument :
BNA_F
ClientSampleId :
PE-6

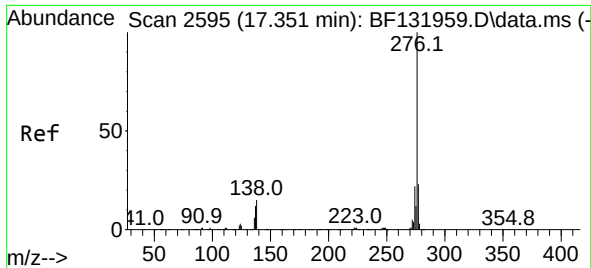
Tgt Ion:252 Resp: 30446
Ion Ratio Lower Upper
252 100
253 36.0 17.8 26.6#
125 30.2 5.2 7.8#



#90
Benzo(a)pyrene
Concen: 2.077 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BF131983.D
Acq: 10 Jan 2023 01:47

Tgt Ion:252 Resp: 14188
Ion Ratio Lower Upper
252 100
253 34.5 17.4 26.0#
125 31.8 5.7 8.5#





#92
 Benzo(g,h,i)perylene
 Concen: 5.033 ng
 RT: 17.351 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131983.D
 Acq: 10 Jan 2023 01:47

Instrument :
 BNA_F
 ClientSampleId :
 PE-6

Tgt Ion:276 Resp: 9907
 Ion Ratio Lower Upper
 276 100
 277 26.7 18.2 27.2
 138 19.7 11.7 17.5#

