

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131175.D
 Acq On : 12 Nov 2022 03:07
 Operator : CG\JU
 Sample : N5501-03 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-4-110722

Quant Time: Nov 12 03:49:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 12 00:03:31 2022
 Response via : Initial Calibration

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

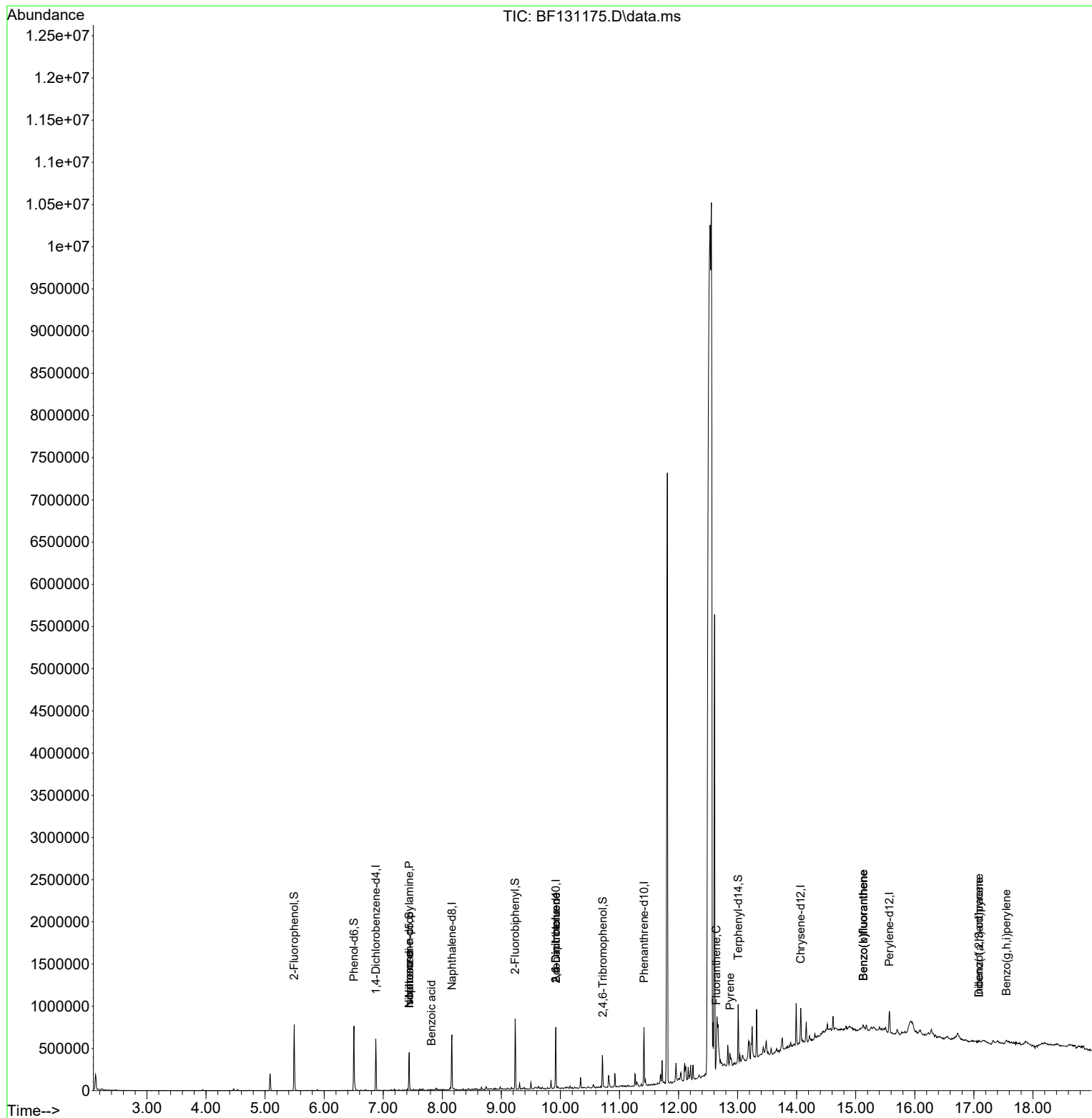
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	78532	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	265457	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	130315	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	239640	20.000	ng	0.00
76) Chrysene-d12	14.069	240	134632	20.000	ng	# 0.01
86) Perylene-d12	15.568	264	101696	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	177740	38.490	ng	0.00
7) Phenol-d6	6.504	99	211959	35.108	ng	0.00
23) Nitrobenzene-d5	7.440	82	121157	20.593	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	42536	31.584	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	220198	23.588	ng	0.00
79) Terphenyl-d14	13.010	244	208271	27.123	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	17591	4.438	ng	# 71
25) Isophorone	7.440	82	120375	13.232	ng	# 68
32) Benzoic acid	7.816	122	54	5.735	ng	# 78
51) 2,6-Dinitrotoluene	9.922	165	17524	8.602	ng	# 15
57) 2,4-Dinitrotoluene	9.922	165	17524	6.471	ng	# 17
75) Fluoranthene	12.639	202	30355	2.301	ng	95
78) Pyrene	12.874	202	32745	2.835	ng	97
87) Indeno(1,2,3-cd)pyrene	17.086	276	6233	4.554	ng	# 90
88) Benzo(b)fluoranthene	15.127	252	23721	3.299	ng	# 30
89) Benzo(k)fluoranthene	15.127	252	23721	3.432	ng	# 31
91) Dibenzo(a,h)anthracene	17.086	278	1713	4.073	ng	# 1
92) Benzo(g,h,i)perylene	17.551	276	9340	5.553	ng	# 67

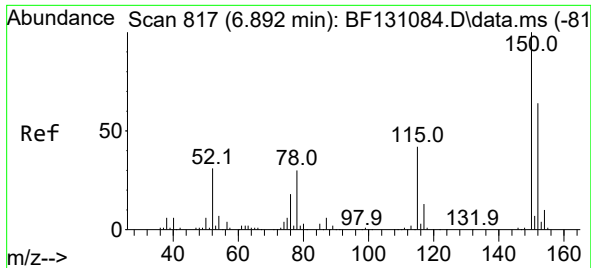
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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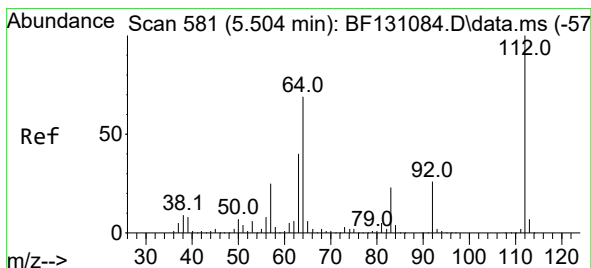
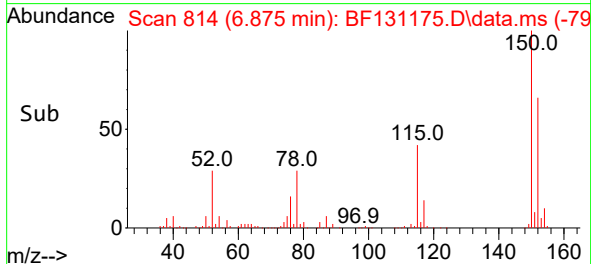
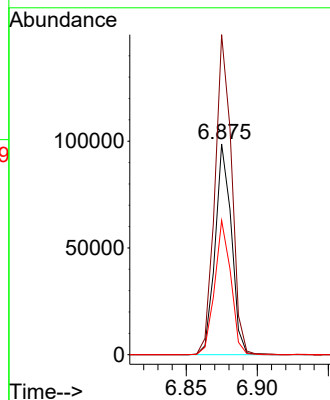
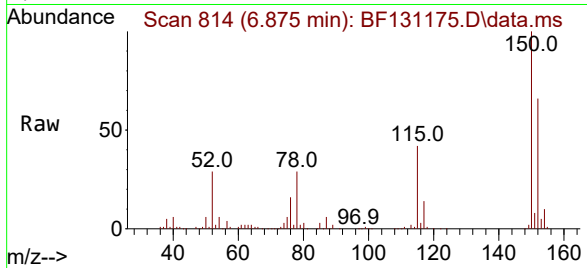




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

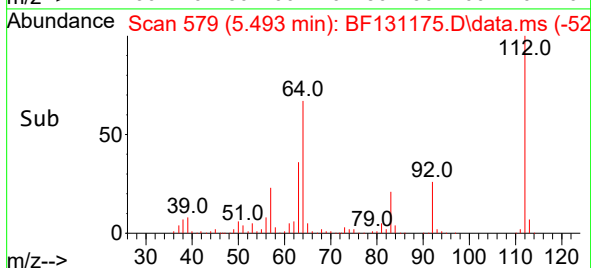
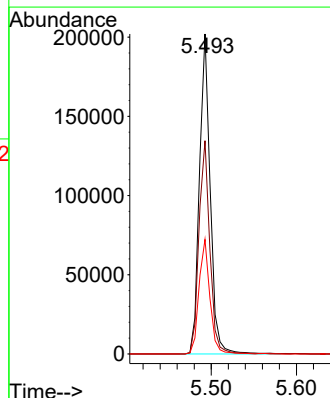
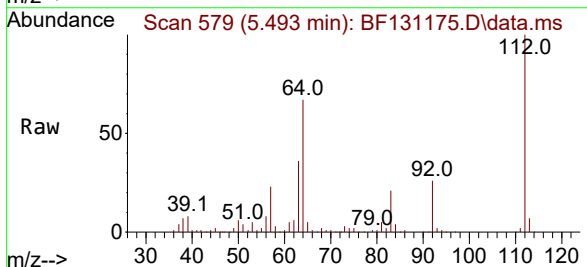
Instrument :
BNA_F
ClientSampleId :
HS-4-110722

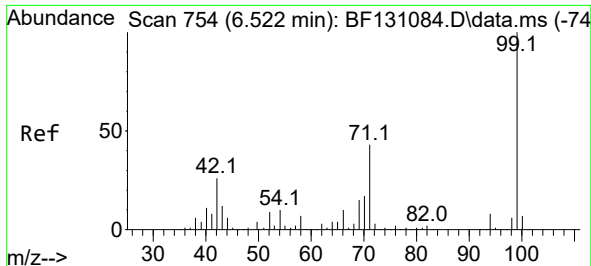
Tgt Ion:152 Resp: 78532
Ion Ratio Lower Upper
152 100
150 151.8 125.5 188.3
115 63.7 52.2 78.2



#5
2-Fluorophenol
Concen: 38.490 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Tgt Ion:112 Resp: 177740
Ion Ratio Lower Upper
112 100
64 66.7 55.1 82.7
63 35.8 32.4 48.6

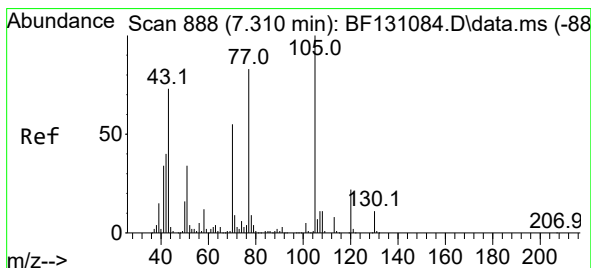
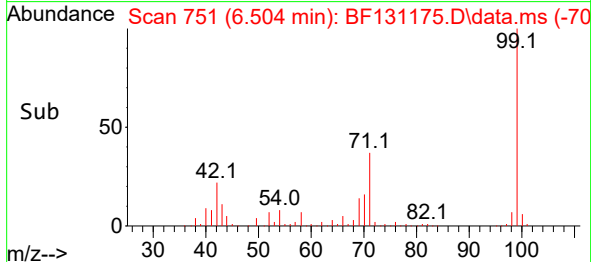
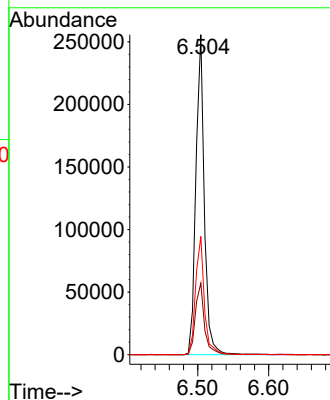
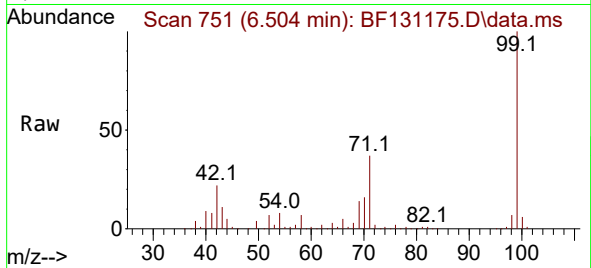




#7
Phenol-d6
Concen: 35.108 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

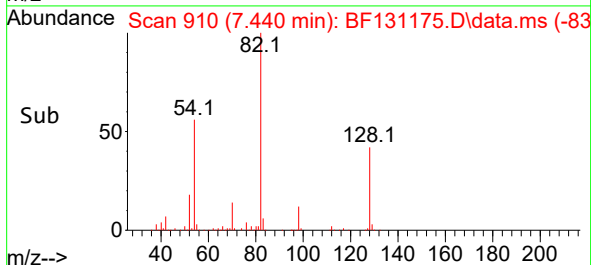
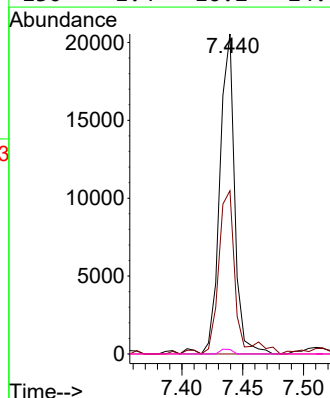
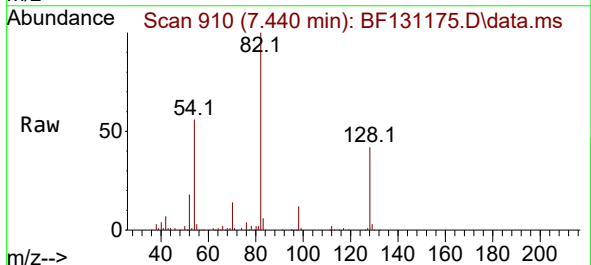
Instrument :
BNA_F
ClientSampleId :
HS-4-110722

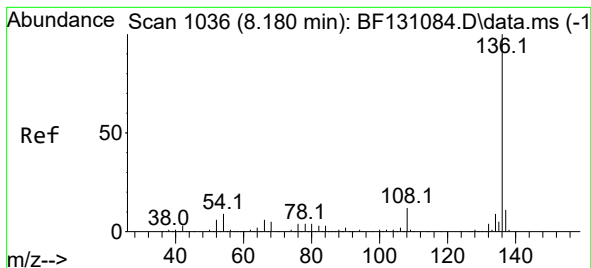
Tgt Ion: 99 Resp: 211959
Ion Ratio Lower Upper
99 100
42 22.3 20.8 31.2
71 36.9 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.438 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Tgt Ion: 70 Resp: 17591
Ion Ratio Lower Upper
70 100
42 51.0 58.3 87.5#
101 0.0 7.4 11.2#
130 1.4 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131175.D

Acq: 12 Nov 2022 03:07

Instrument :

BNA_F

ClientSampleId :

HS-4-110722

Tgt Ion:136 Resp: 265457

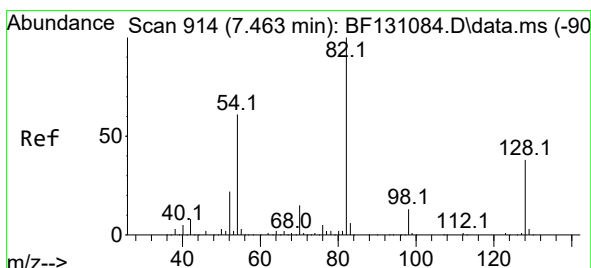
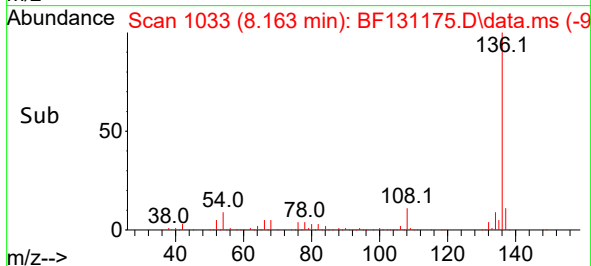
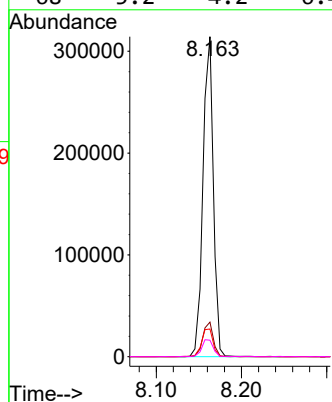
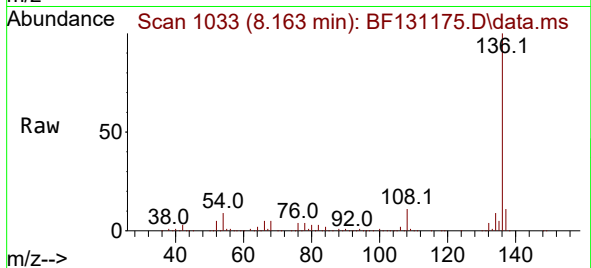
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 8.7 7.2 10.8

68 5.2 4.2 6.4



#23

Nitrobenzene-d5

Concen: 20.593 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF131175.D

Acq: 12 Nov 2022 03:07

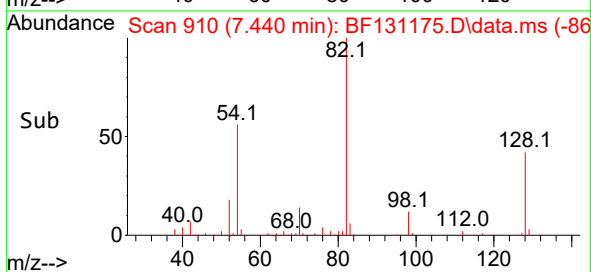
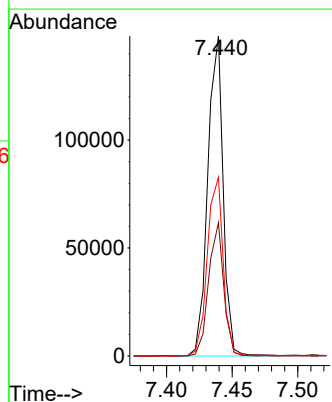
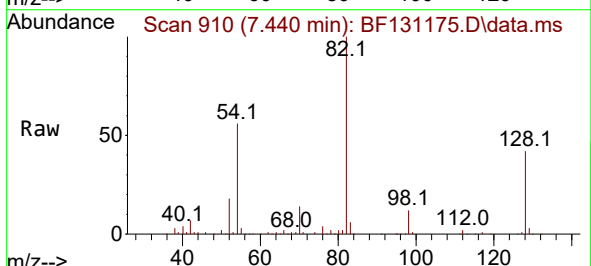
Tgt Ion: 82 Resp: 121157

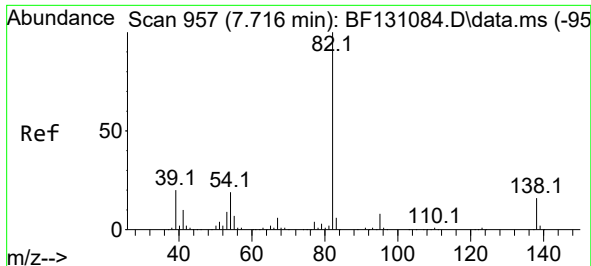
Ion Ratio Lower Upper

82 100

128 41.7 30.5 45.7

54 55.9 49.1 73.7

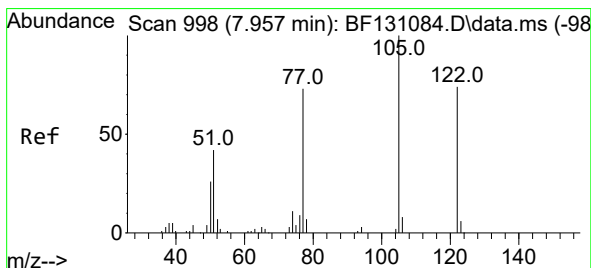
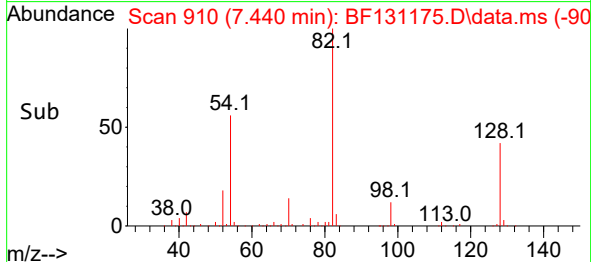
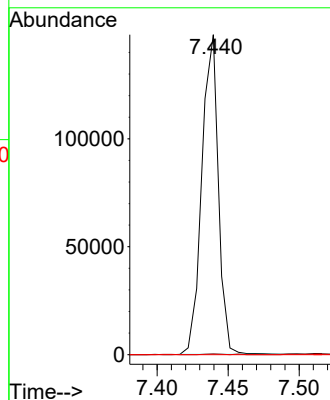
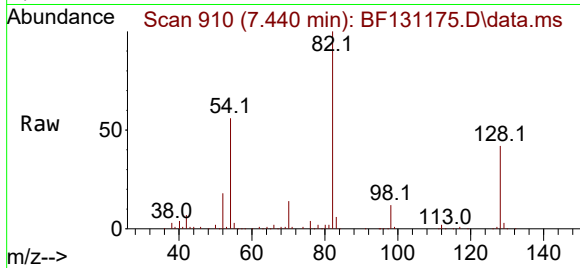




#25
Isophorone
Concen: 13.232 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

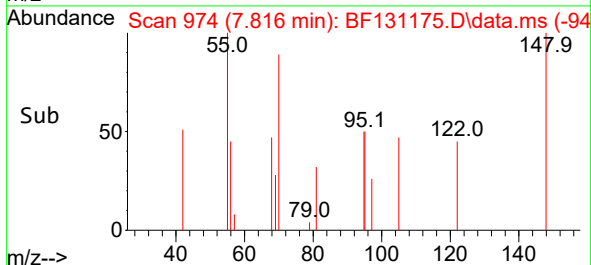
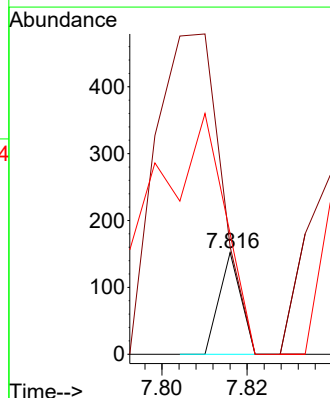
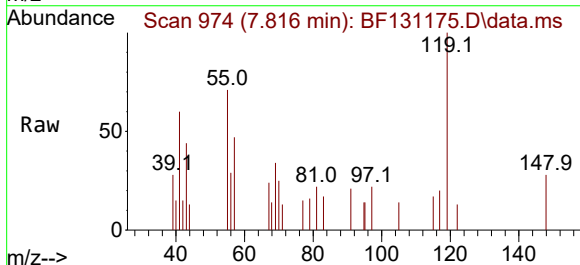
Instrument :
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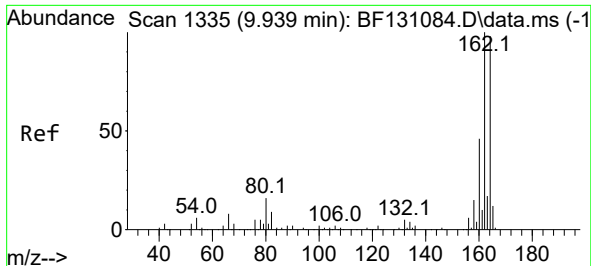
Tgt Ion: 82 Resp: 120375
Ion Ratio Lower Upper
82 100
95 0.2 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.735 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.124 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Tgt Ion: 122 Resp: 54
Ion Ratio Lower Upper
122 100
105 105.9 113.0 153.0#
77 118.4 78.7 118.7

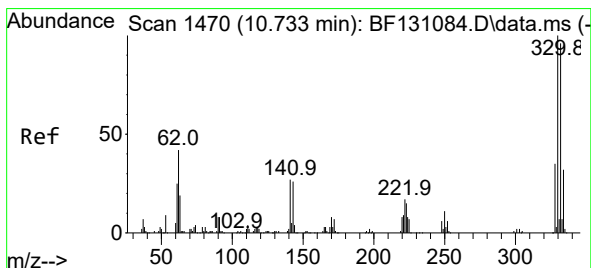
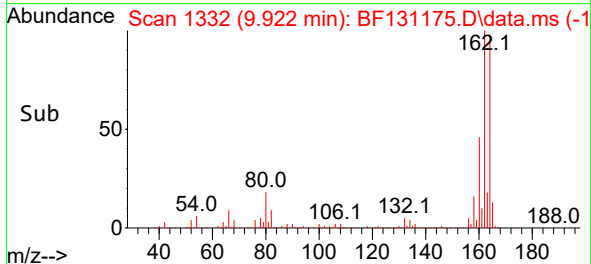
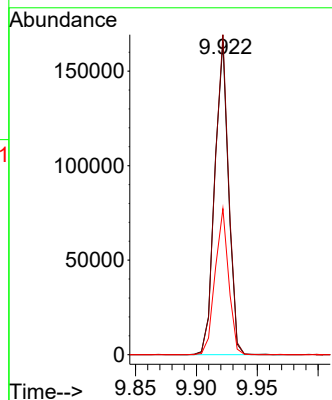
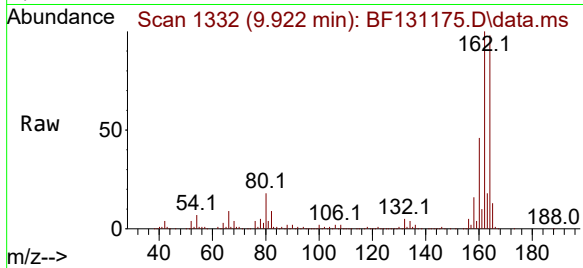




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

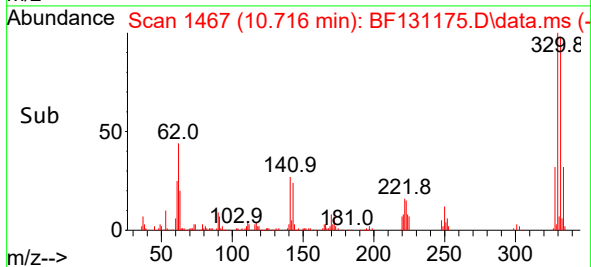
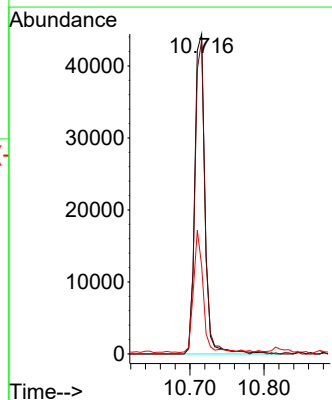
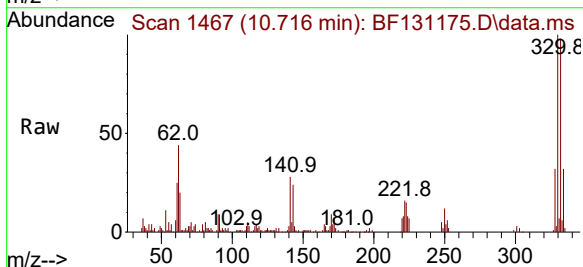
Instrument :
BNA_F
ClientSampleId :
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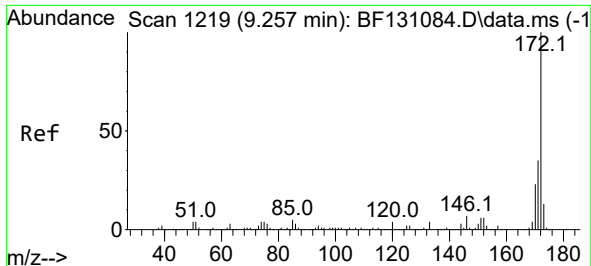
Tgt Ion:164 Resp: 130315
Ion Ratio Lower Upper
164 100
162 102.2 81.7 122.5
160 46.6 37.4 56.2



#42
2,4,6-Tribromophenol
Concen: 31.584 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Tgt Ion:330 Resp: 42536
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 35.9 28.5 42.7

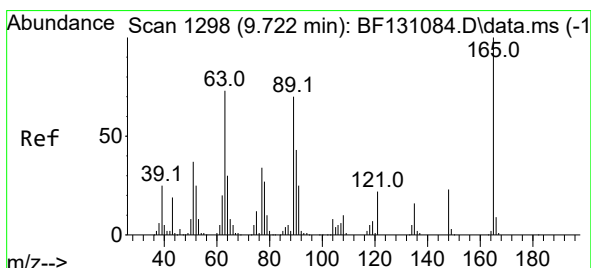
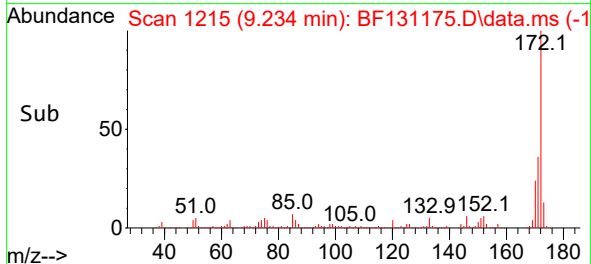
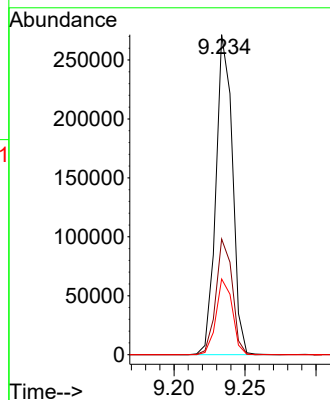
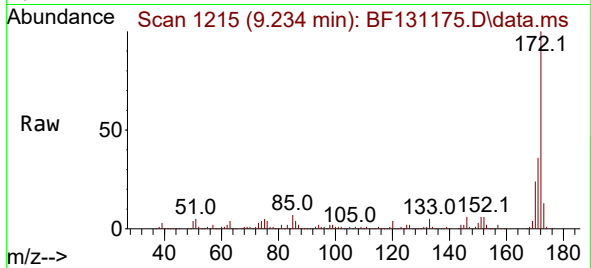




#45
2-Fluorobiphenyl
Concen: 23.588 ng
RT: 9.234 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

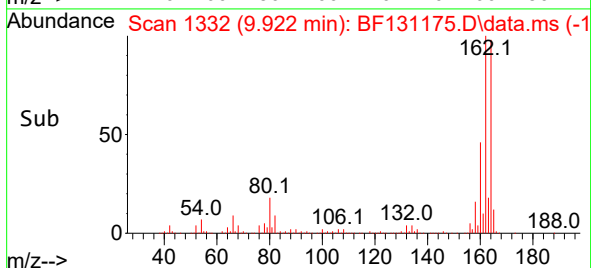
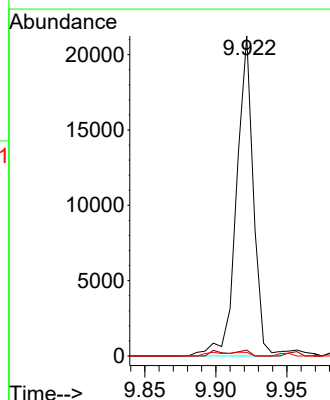
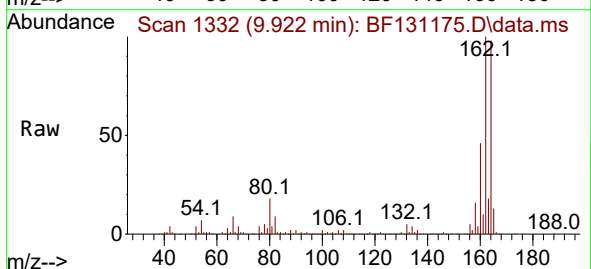
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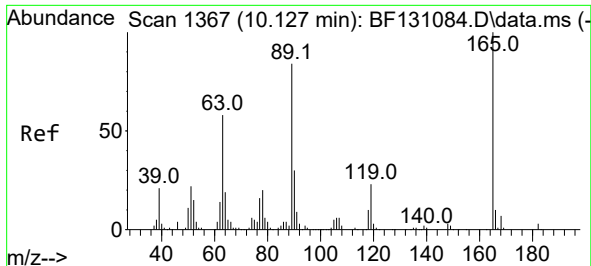
Tgt Ion:172 Resp: 220198
Ion Ratio Lower Upper
172 100
171 36.1 27.7 41.5
170 23.6 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.602 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Tgt Ion:165 Resp: 17524
Ion Ratio Lower Upper
165 100
63 1.9 61.4 92.2#
89 1.1 56.0 84.0#

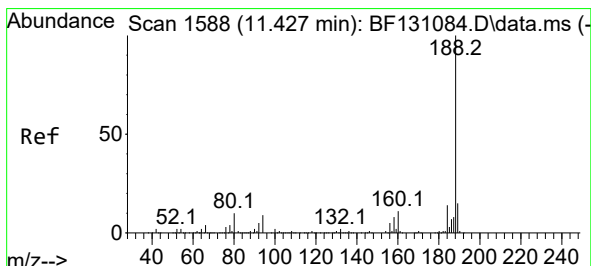
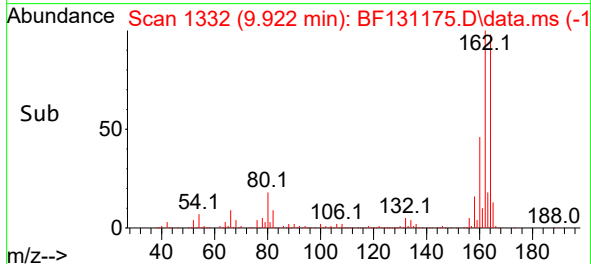
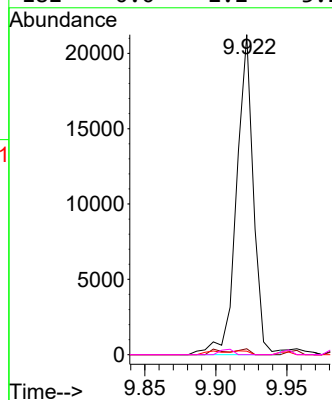
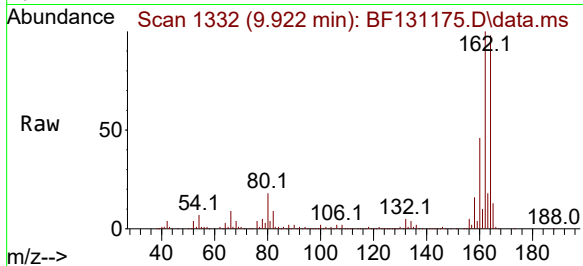




#57
2,4-Dinitrotoluene
Concen: 6.471 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

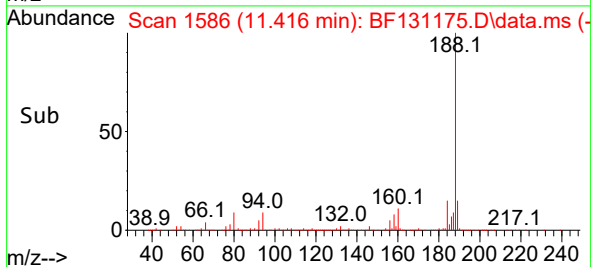
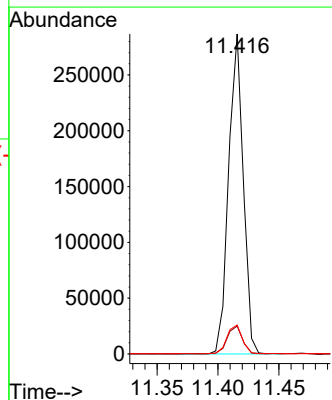
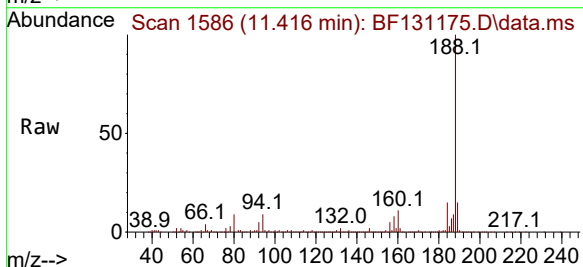
Instrument :
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ClientSampleId :
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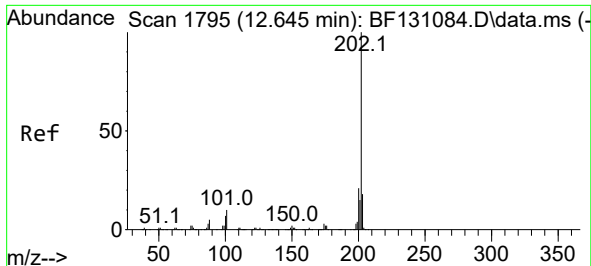
Tgt Ion:165 Resp: 17524
Ion Ratio Lower Upper
165 100
63 1.9 46.9 70.3#
89 1.1 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Tgt Ion:188 Resp: 239640
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.1 7.9 11.9

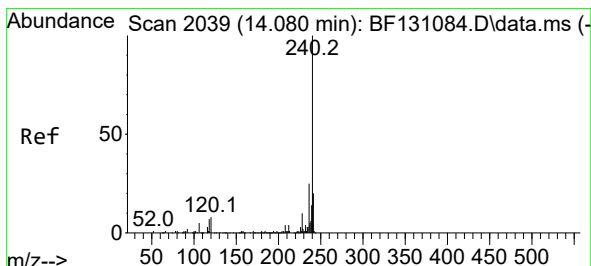
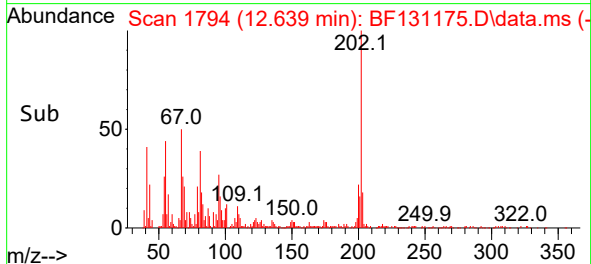
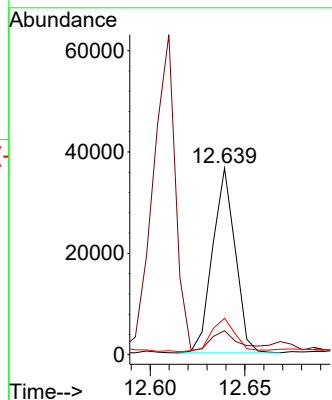
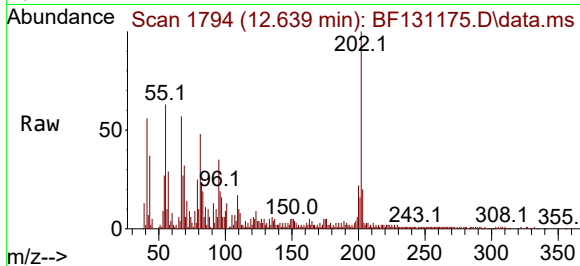




#75
Fluoranthene
Concen: 2.301 ng
RT: 12.639 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

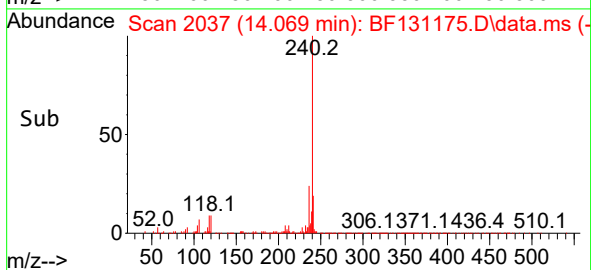
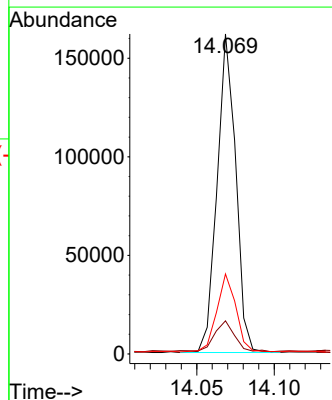
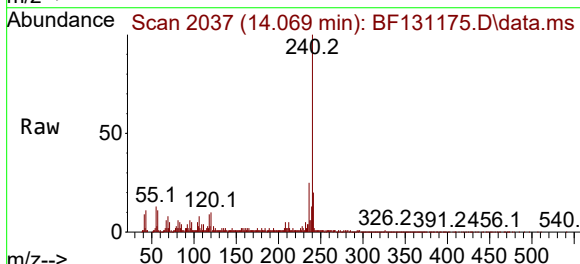
Instrument :
BNA_F
ClientSampleId :
HS-4-110722

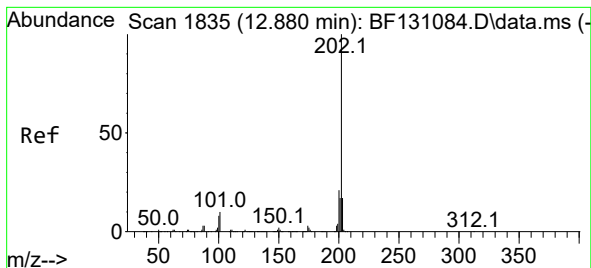
Tgt Ion:202 Resp: 30355
Ion Ratio Lower Upper
202 100
101 12.9 0.0 30.0
203 19.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.012 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Tgt Ion:240 Resp: 134632
Ion Ratio Lower Upper
240 100
120 10.3 6.5 9.7#
236 25.0 19.7 29.5





#78

Pyrene

Concen: 2.835 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.018 min

Lab File: BF131175.D

Acq: 12 Nov 2022 03:07

Instrument :

BNA_F

ClientSampleId :

HS-4-110722

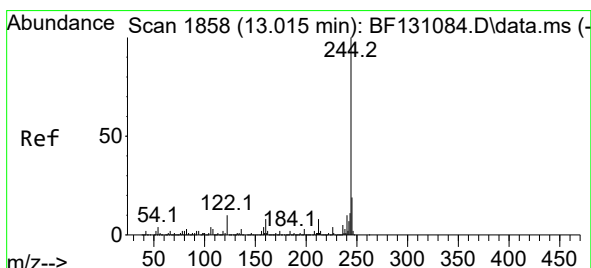
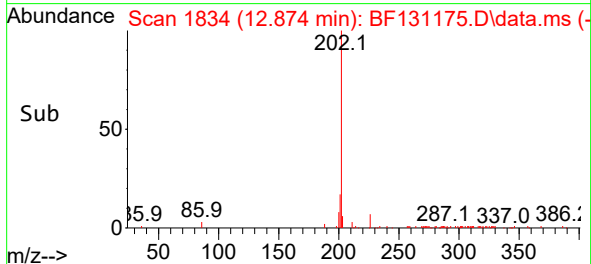
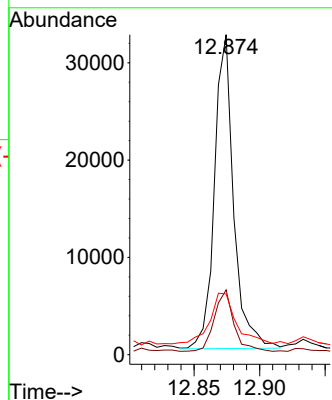
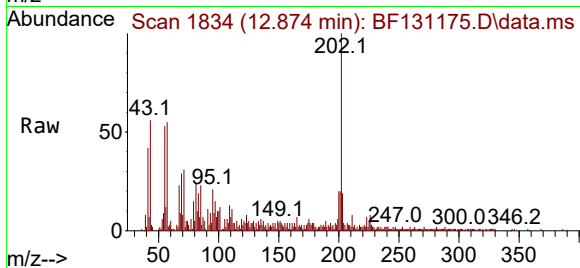
Tgt Ion:202 Resp: 32745

Ion Ratio Lower Upper

202 100

200 20.2 16.8 25.2

203 19.0 13.6 20.4



#79

Terphenyl-d14

Concen: 27.123 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.012 min

Lab File: BF131175.D

Acq: 12 Nov 2022 03:07

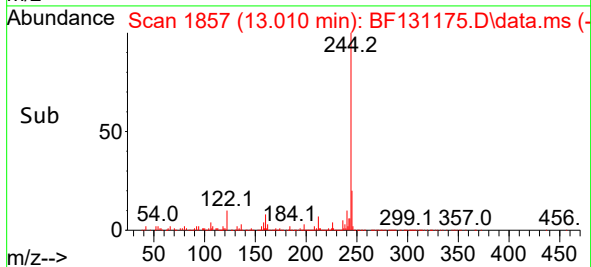
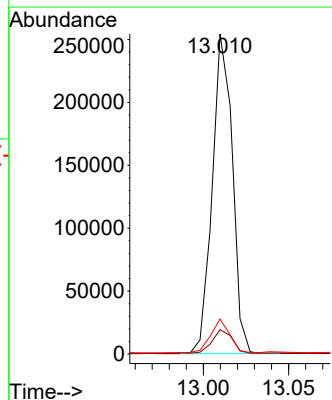
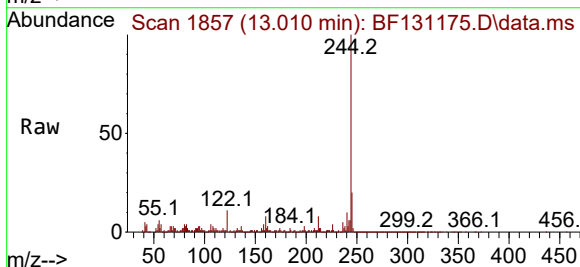
Tgt Ion:244 Resp: 208271

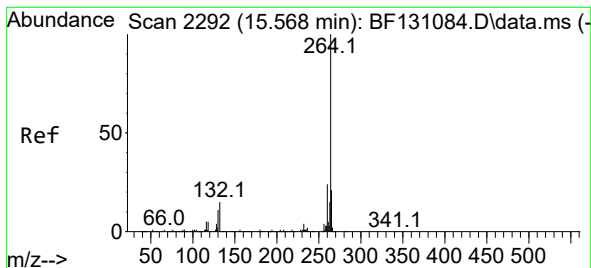
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 10.9 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2292

Delta R.T. 0.023 min

Lab File: BF131175.D

Acq: 12 Nov 2022 03:07

Instrument :

BNA_F

ClientSampleId :

HS-4-110722

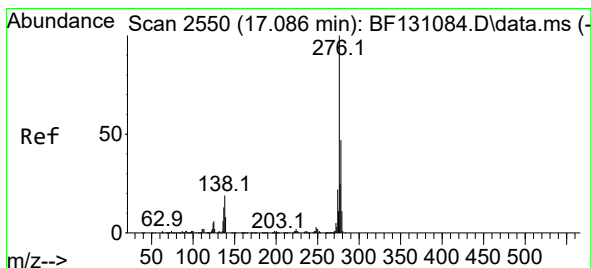
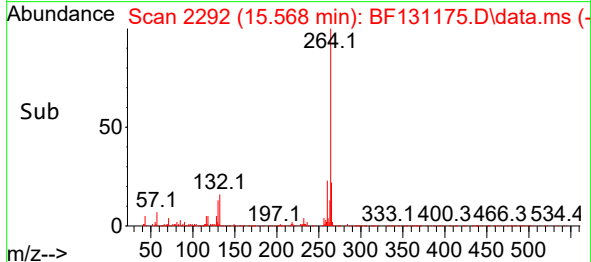
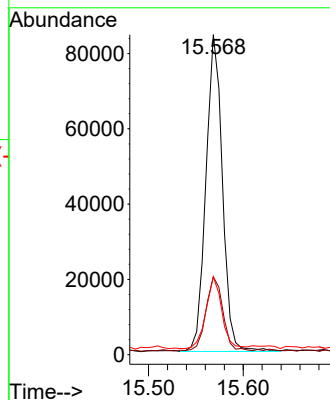
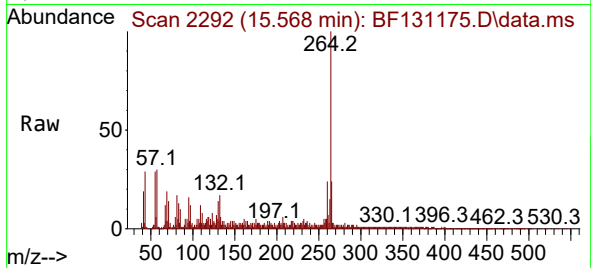
Tgt Ion:264 Resp: 101696

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 24.3 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.554 ng

RT: 17.086 min Scan# 2550

Delta R.T. 0.029 min

Lab File: BF131175.D

Acq: 12 Nov 2022 03:07

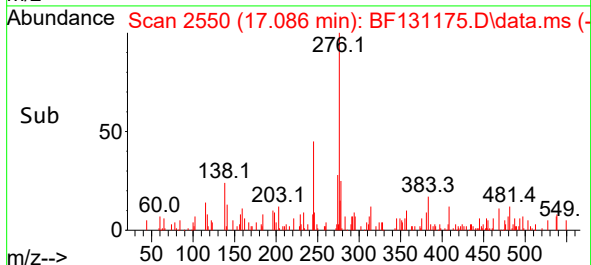
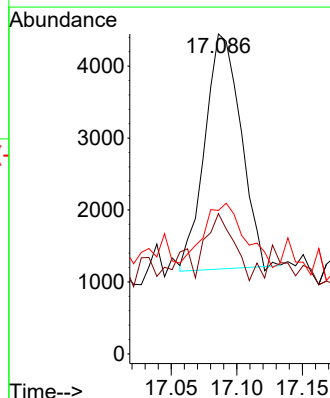
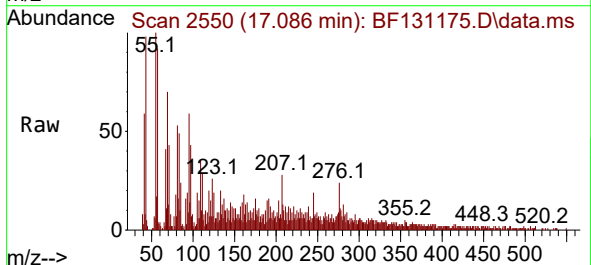
Tgt Ion:276 Resp: 6233

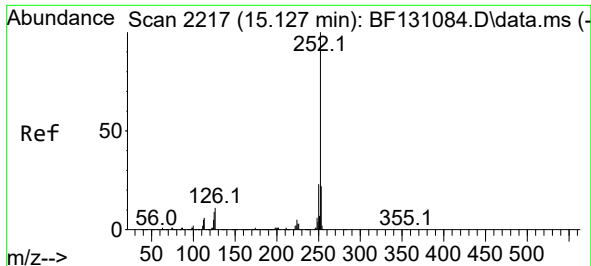
Ion Ratio Lower Upper

276 100

138 23.8 16.9 25.3

277 32.0 20.3 30.5#

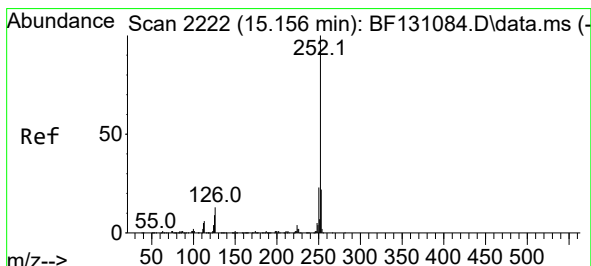
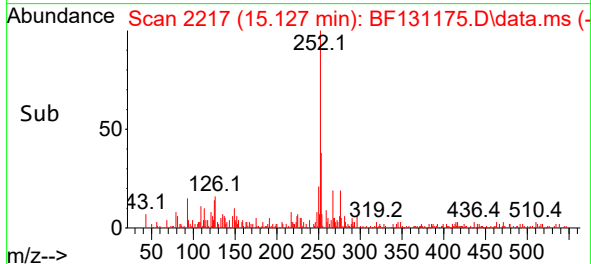
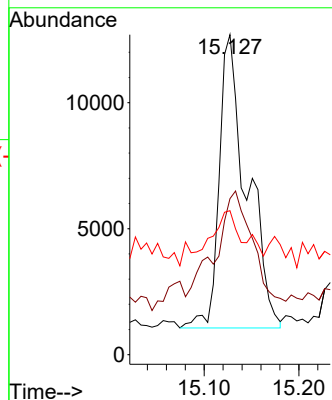
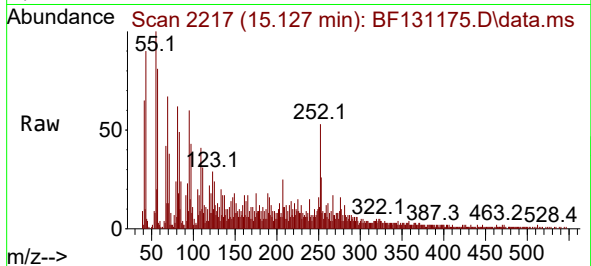




#88
Benzo(b)fluoranthene
Concen: 3.299 ng
RT: 15.127 min Scan# 211
Delta R.T. 0.023 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

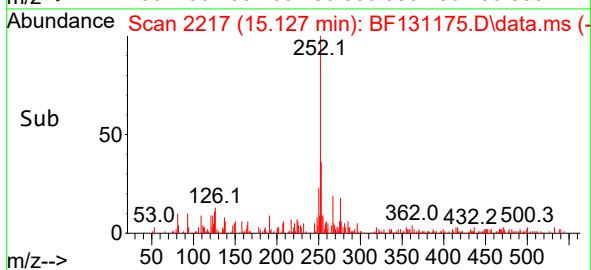
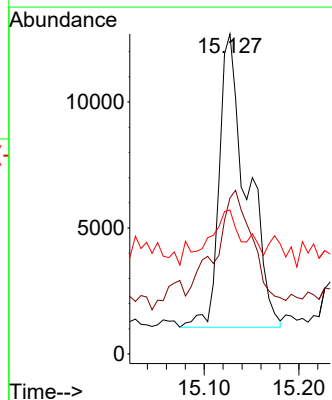
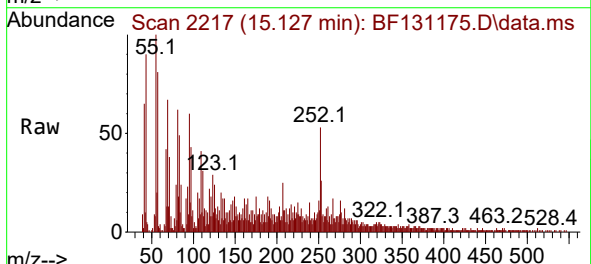
Instrument :
BNA_F
ClientSampleId :
HS-4-110722

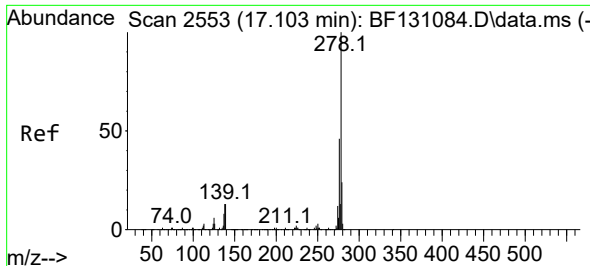
Tgt Ion:252 Resp: 23721
Ion Ratio Lower Upper
252 100
253 48.7 17.3 25.9#
125 45.0 7.2 10.8#



#89
Benzo(k)fluoranthene
Concen: 3.432 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.012 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Tgt Ion:252 Resp: 23721
Ion Ratio Lower Upper
252 100
253 48.7 17.6 26.4#
125 45.0 7.5 11.3#

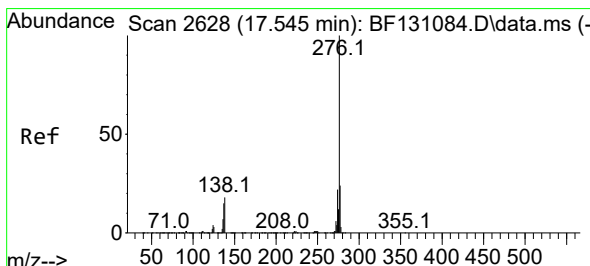
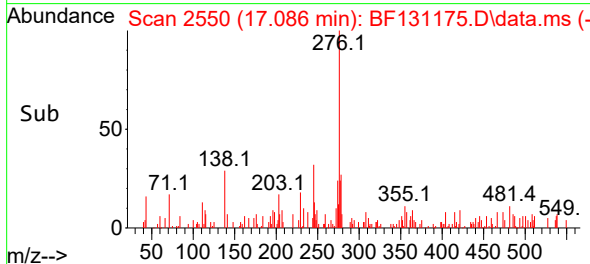
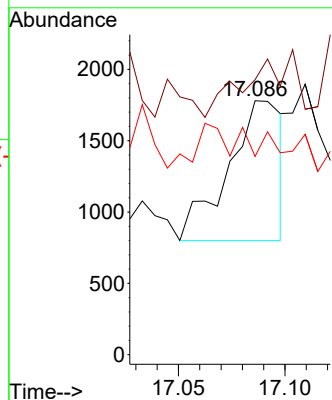
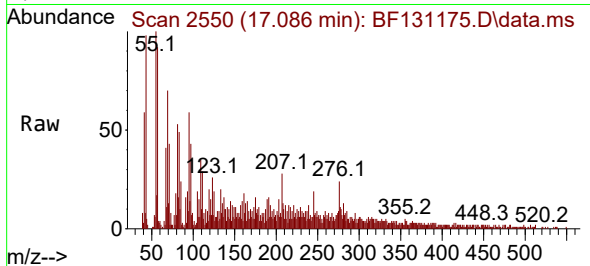




#91
Dibenzo(a,h)anthracene
Concen: 4.073 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Instrument :
BNA_F
ClientSampleId :
HS-4-110722

Tgt Ion: 278 Resp: 1713
Ion Ratio Lower Upper
278 100
139 108.3 10.8 16.2#
279 78.1 19.2 28.8#



#92
Benzo(g,h,i)perylene
Concen: 5.553 ng
RT: 17.551 min Scan# 2629
Delta R.T. 0.035 min
Lab File: BF131175.D
Acq: 12 Nov 2022 03:07

Tgt Ion: 276 Resp: 9340
Ion Ratio Lower Upper
276 100
277 37.8 19.0 28.4#
138 35.3 14.6 21.8#

