

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131067.D
 Acq On : 08 Nov 2022 15:15
 Operator : CG\JU
 Sample : N5504-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BHA59

Quant Time: Nov 08 15:46:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

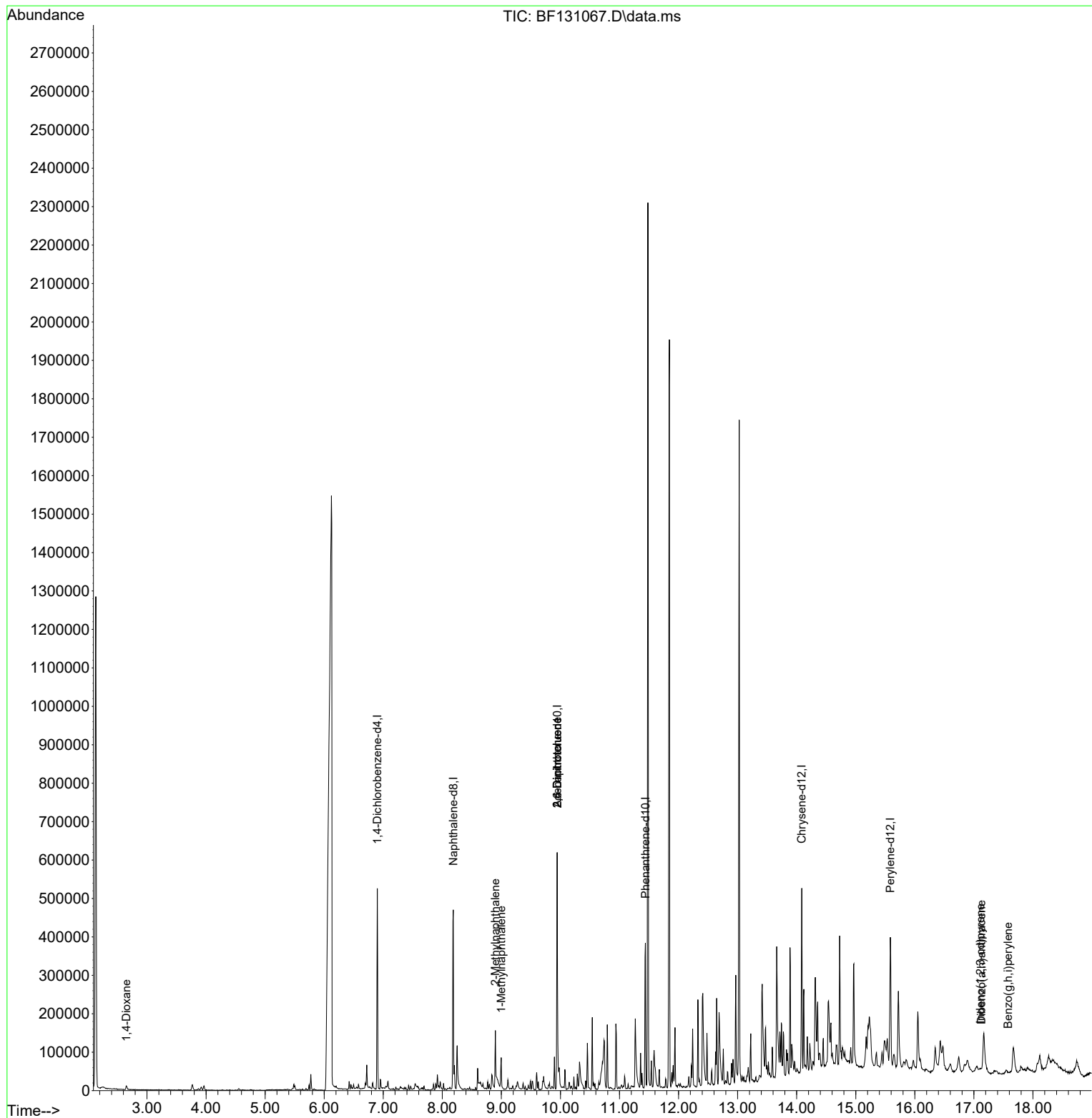
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	64782	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	186382	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	96235	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	132486	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	135959	20.000	ng	0.00
86) Perylene-d12	15.586	264	150625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	7.534	82	125	0.031	ng	0.06
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.257	172	1057	0.150	ng	-0.01
79) Terphenyl-d14	13.021	244	560	0.066	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	4742	2.483	ng	90
37) 2-Methylnaphthalene	8.898	142	30563	4.716	ng	95
38) 1-Methylnaphthalene	8.998	142	17013	2.749	ng	98
51) 2,6-Dinitrotoluene	9.945	165	12667	8.006	ng	# 21
55) Dibenzofuran	10.145	168	742	Below Cal		# 57
57) 2,4-Dinitrotoluene	9.945	165	12667	6.163	ng	# 21
87) Indeno(1,2,3-cd)pyrene	17.109	276	335	3.346	ng	# 1
91) Dibenzo(a,h)anthracene	17.127	278	385	3.341	ng	# 17
92) Benzo(g,h,i)perylene	17.580	276	584	3.443	ng	# 32

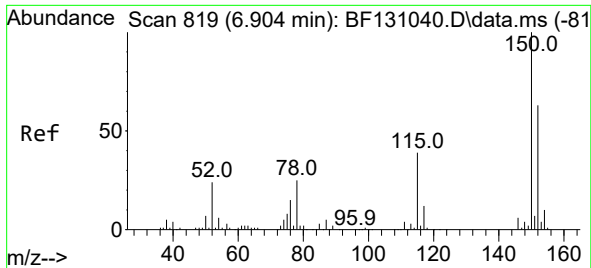
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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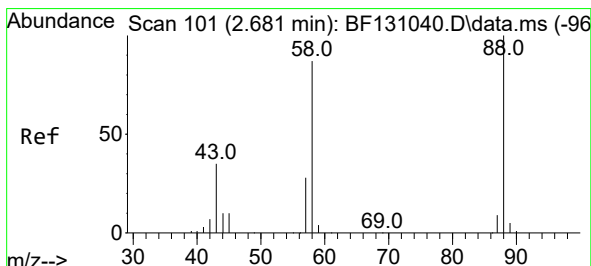
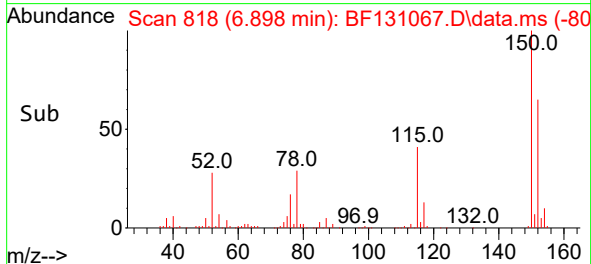
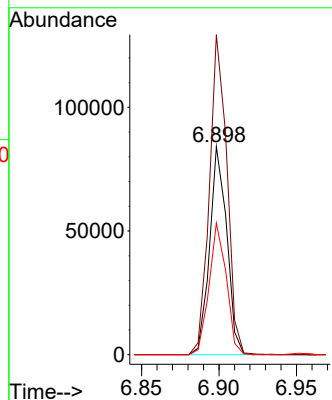
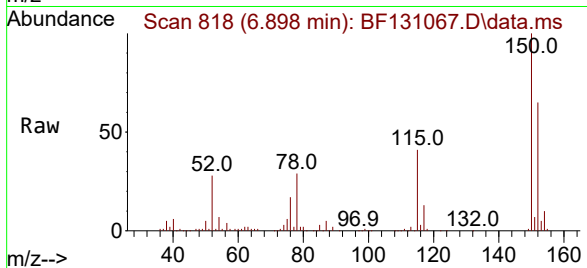




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131067.D
 Acq: 08 Nov 2022 15:15

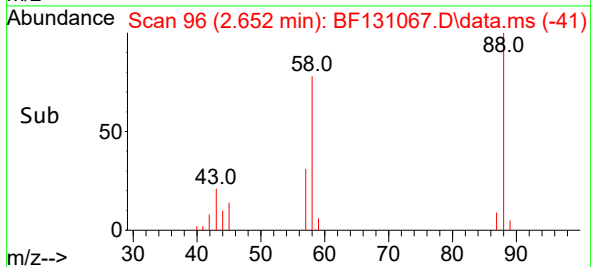
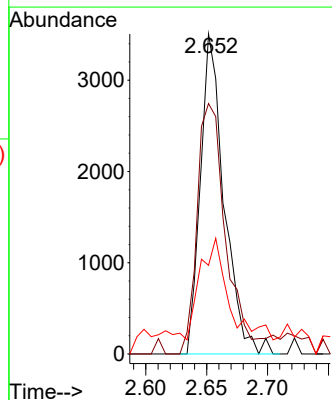
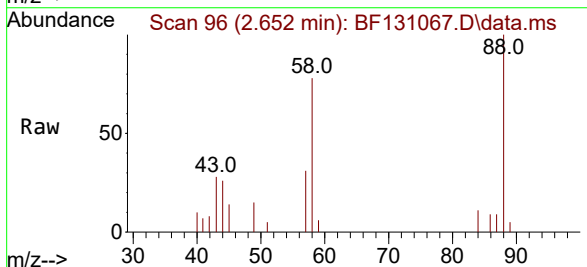
Instrument :
 BNA_F
 ClientSampleId :
 BHA59

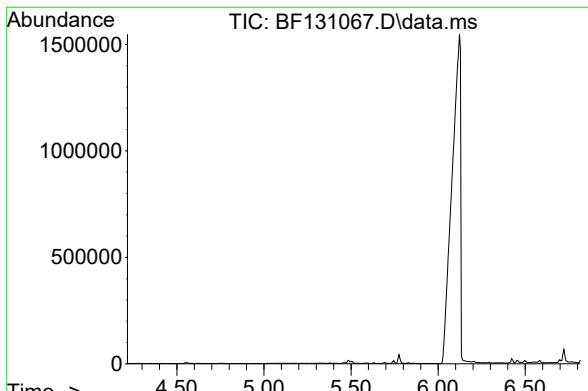
Tgt Ion:152 Resp: 64782
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.6 189.8
 115 63.3 49.1 73.7



#2
 1,4-Dioxane
 Concen: 2.483 ng
 RT: 2.652 min Scan# 96
 Delta R.T. -0.029 min
 Lab File: BF131067.D
 Acq: 08 Nov 2022 15:15

Tgt Ion: 88 Resp: 4742
 Ion Ratio Lower Upper
 88 100
 58 94.2 68.7 103.1
 43 42.6 28.6 43.0



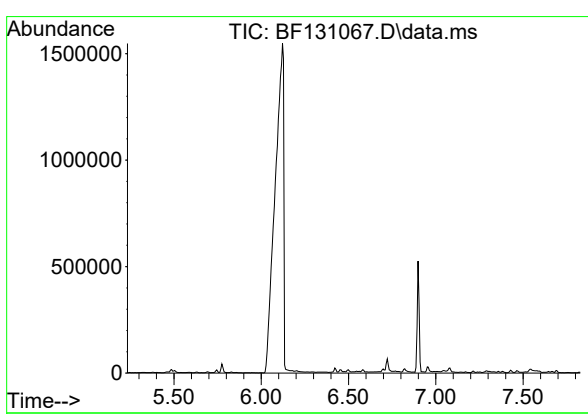
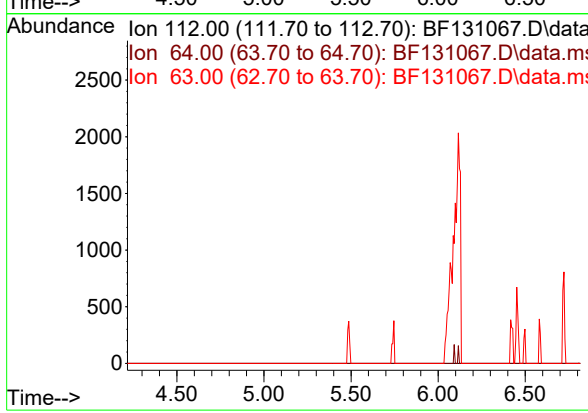


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.52 min
 Lab File: BF131067.D
 Acq: 08 Nov 2022 15:15

Instrument :
 BNA_F
 ClientSampleId :
 BHA59

Tgt Ion: 112

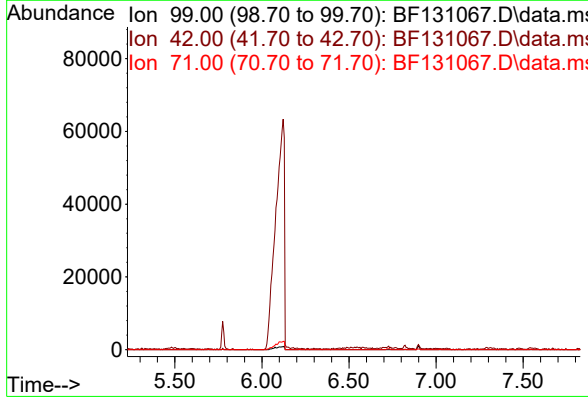
Sig	Exp Ratio
112	100
64	65.3
63	36.2

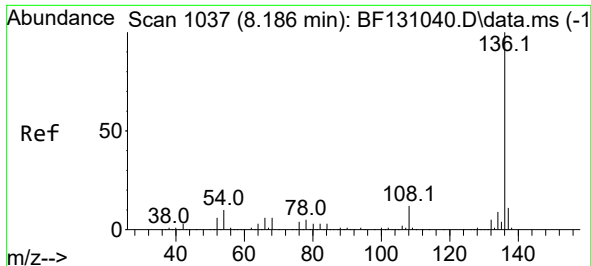


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.53 min
 Lab File: BF131067.D
 Acq: 08 Nov 2022 15:15

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	24.2
71	39.8



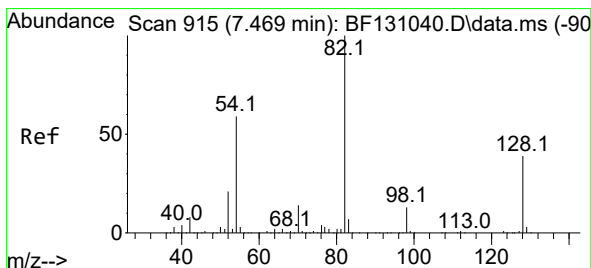
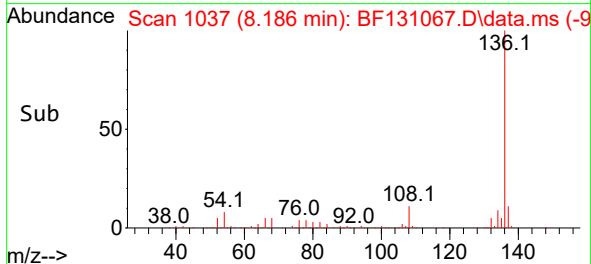
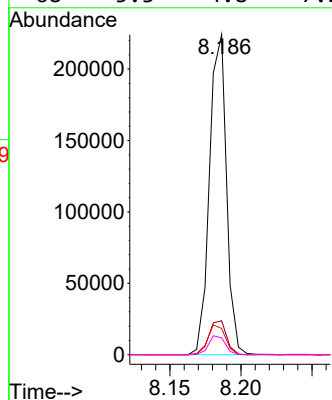
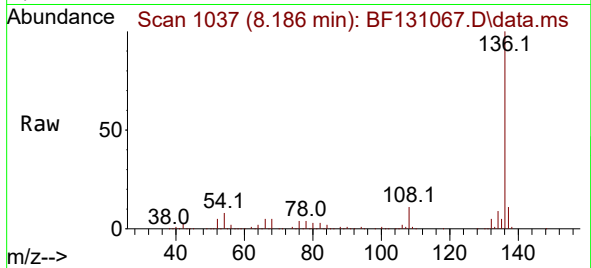


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131067.D
Acq: 08 Nov 2022 15:15

Instrument :
BNA_F
ClientSampleId :
BHA59

Tgt Ion:136 Resp: 186382

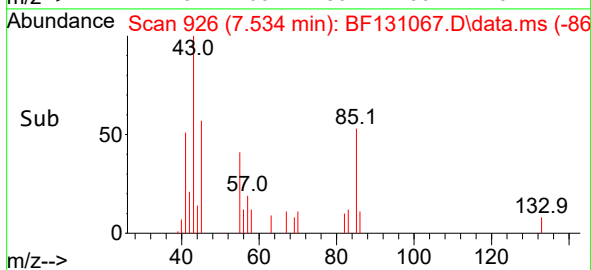
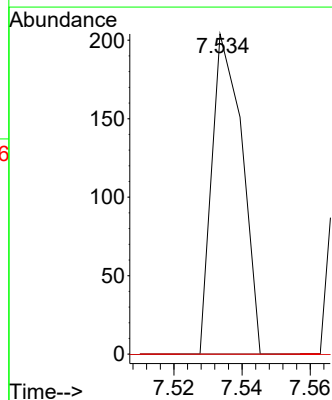
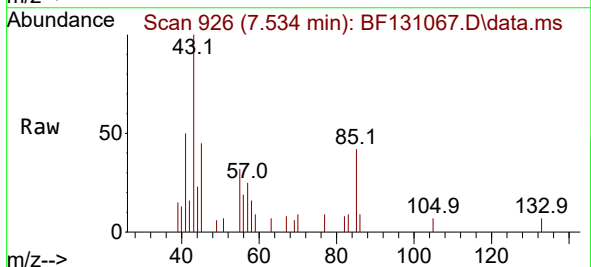
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.2	8.2	12.2
68	5.3	4.8	7.2

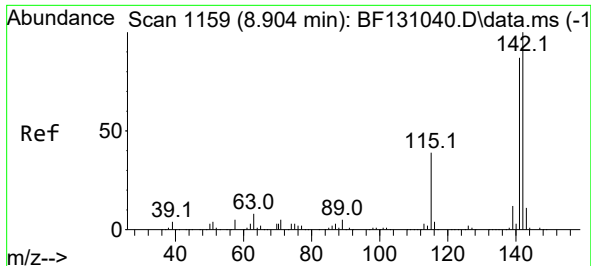


#23
Nitrobenzene-d5
Concen: 0.031 ng
RT: 7.534 min Scan# 926
Delta R.T. 0.065 min
Lab File: BF131067.D
Acq: 08 Nov 2022 15:15

Tgt Ion: 82 Resp: 125

Ion	Ratio	Lower	Upper
82	100		
128	0.0	31.3	46.9#
54	0.0	47.2	70.8#





#37

2-Methylnaphthalene

Concen: 4.716 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BF131067.D

Acq: 08 Nov 2022 15:15

Instrument :

BNA_F

ClientSampleId :

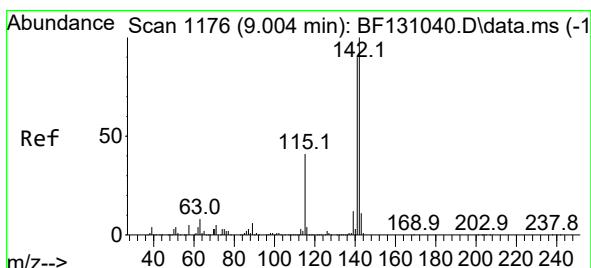
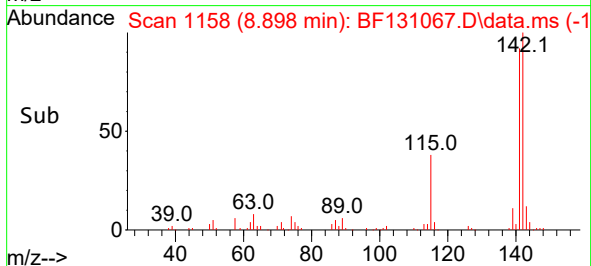
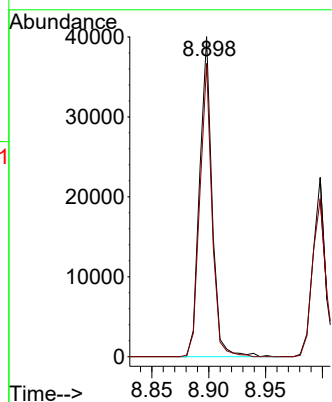
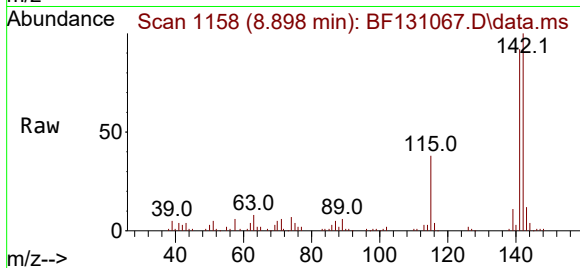
BHA59

Tgt Ion:142 Resp: 30563

Ion Ratio Lower Upper

142 100

141 91.6 69.8 104.6



#38

1-Methylnaphthalene

Concen: 2.749 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF131067.D

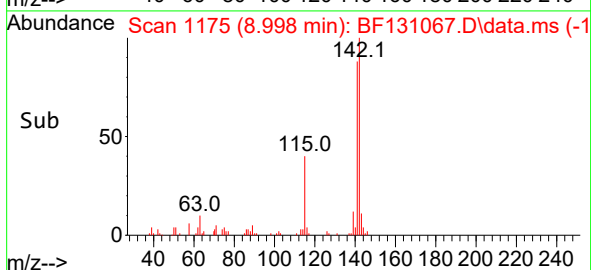
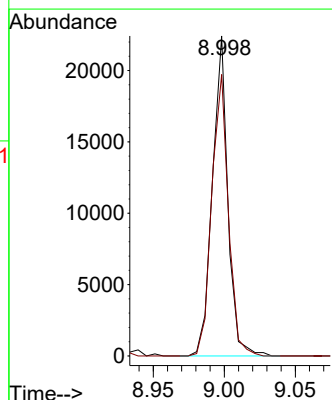
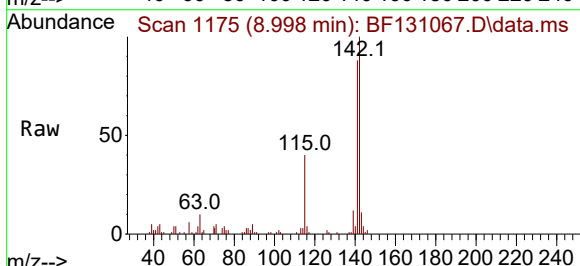
Acq: 08 Nov 2022 15:15

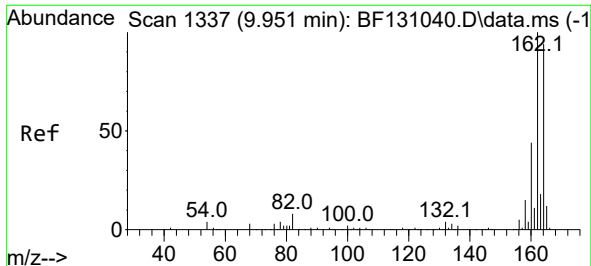
Tgt Ion:142 Resp: 17013

Ion Ratio Lower Upper

142 100

141 87.9 72.2 108.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131067.D

Acq: 08 Nov 2022 15:15

Instrument :

BNA_F

ClientSampleId :

BHA59

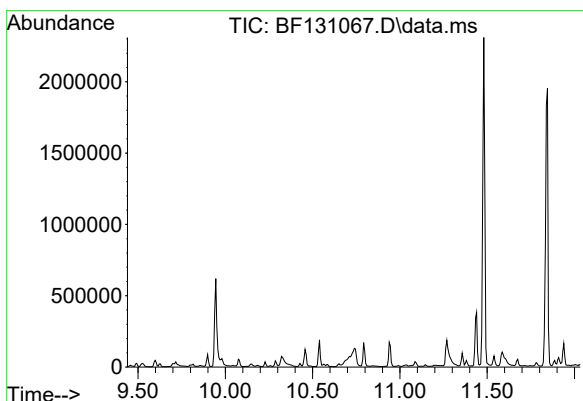
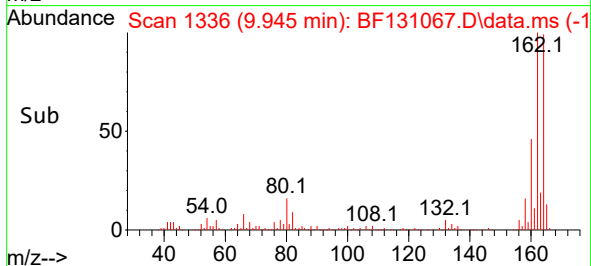
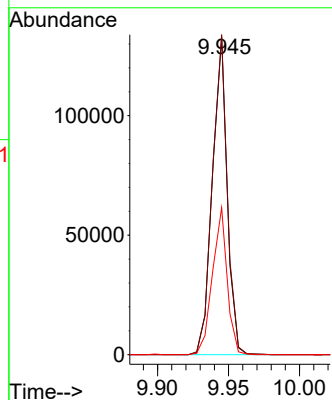
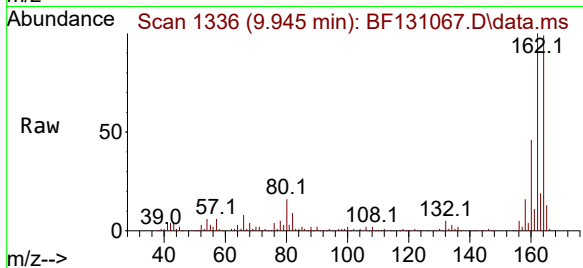
Tgt Ion:164 Resp: 96235

Ion Ratio Lower Upper

164 100

162 100.6 85.0 127.6

160 46.2 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.74 min

Lab File: BF131067.D

Acq: 08 Nov 2022 15:15

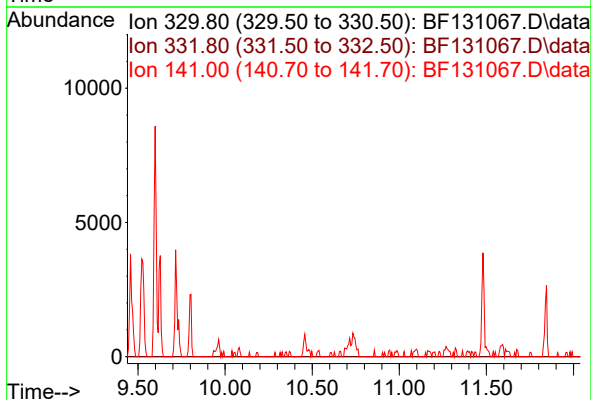
Tgt Ion: 330

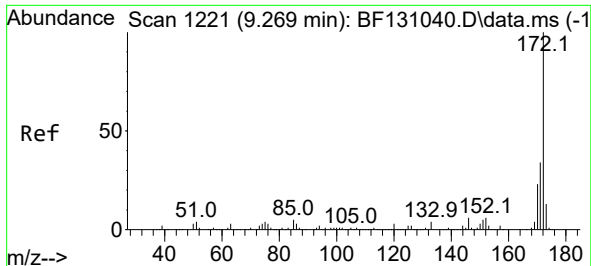
Sig Exp Ratio

330 100

332 96.2

141 35.4

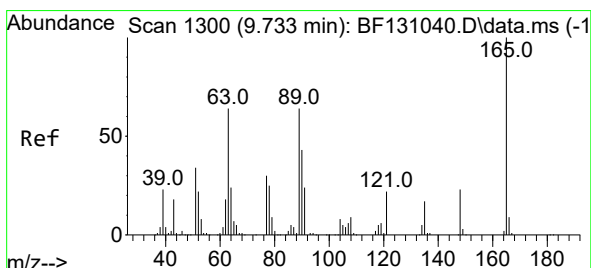
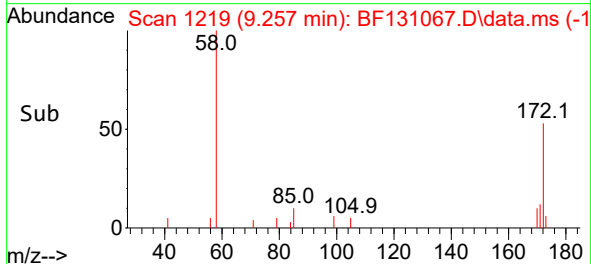
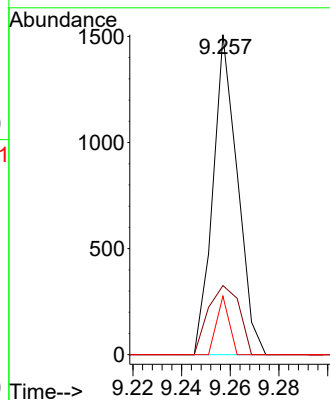
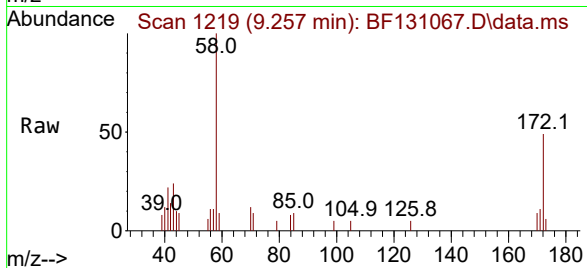




#45
 2-Fluorobiphenyl
 Concen: 0.150 ng
 RT: 9.257 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF131067.D
 Acq: 08 Nov 2022 15:15

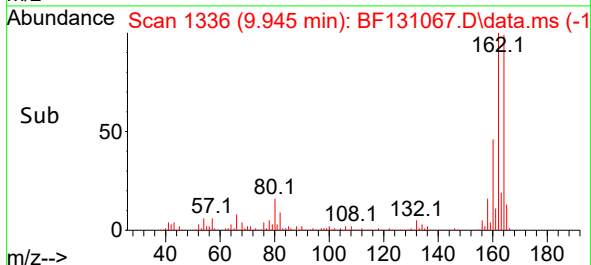
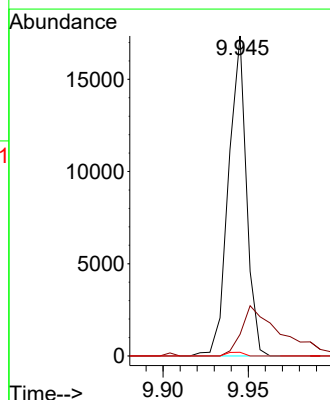
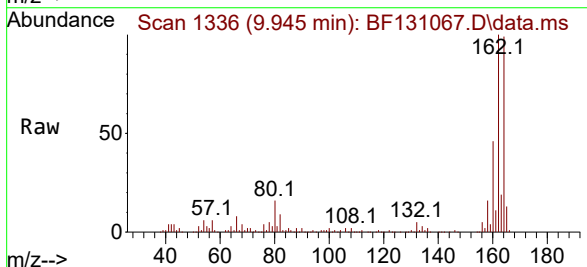
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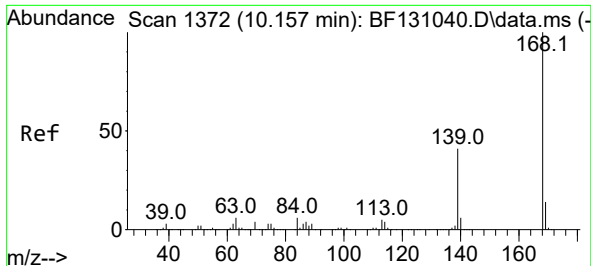
Tgt Ion:172 Resp: 1057
 Ion Ratio Lower Upper
 172 100
 171 21.6 27.7 41.5#
 170 18.3 18.4 27.6#



#51
 2,6-Dinitrotoluene
 Concen: 8.006 ng
 RT: 9.945 min Scan# 1336
 Delta R.T. 0.212 min
 Lab File: BF131067.D
 Acq: 08 Nov 2022 15:15

Tgt Ion:165 Resp: 12667
 Ion Ratio Lower Upper
 165 100
 63 6.7 57.2 85.8#
 89 1.1 51.4 77.2#

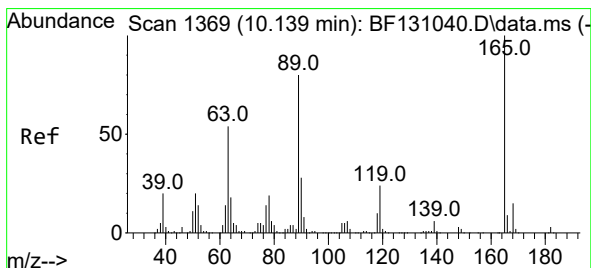
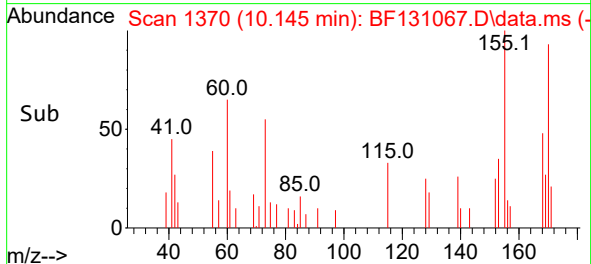
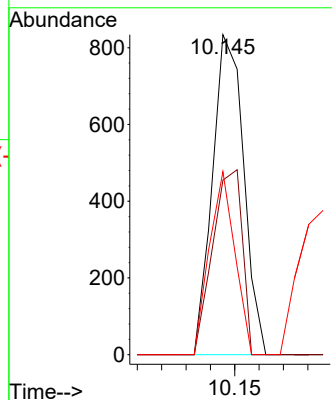
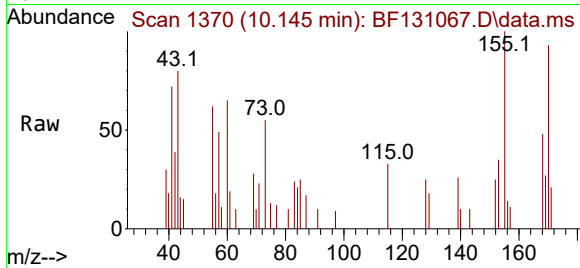




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131067.D
Acq: 08 Nov 2022 15:15

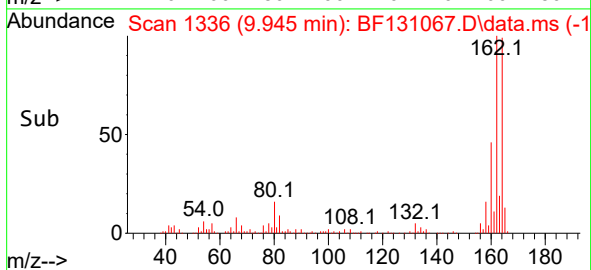
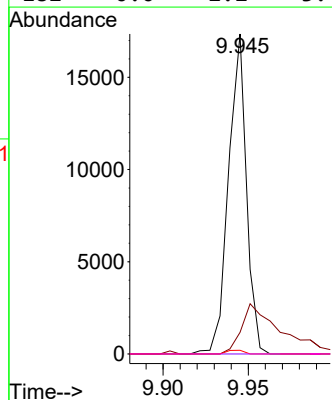
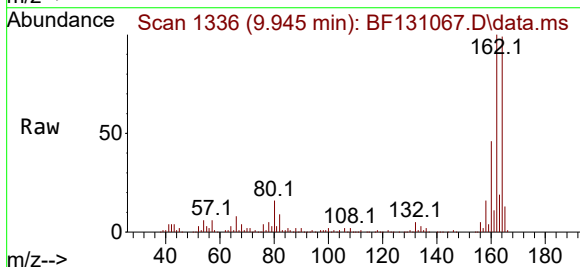
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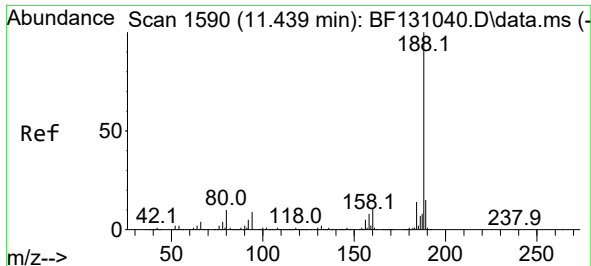
Tgt Ion:168 Resp: 742
Ion Ratio Lower Upper
168 100
139 54.6 33.0 49.6#
169 57.2 11.3 16.9#



#57
2,4-Dinitrotoluene
Concen: 6.163 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.194 min
Lab File: BF131067.D
Acq: 08 Nov 2022 15:15

Tgt Ion:165 Resp: 12667
Ion Ratio Lower Upper
165 100
63 6.7 43.4 65.0#
89 1.1 64.0 96.0#
182 0.0 2.2 3.4#

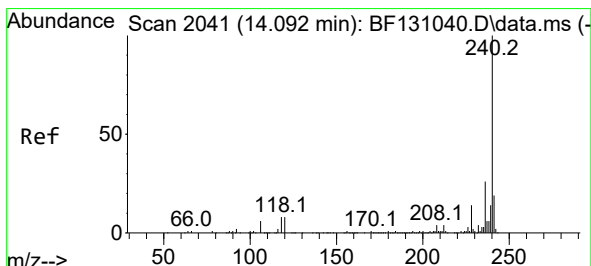
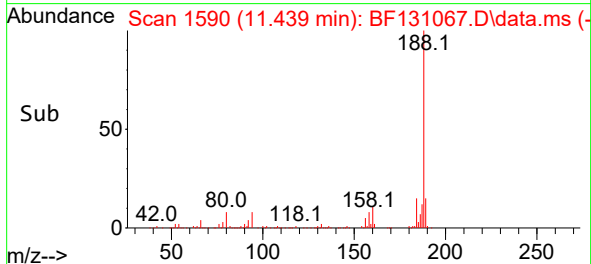
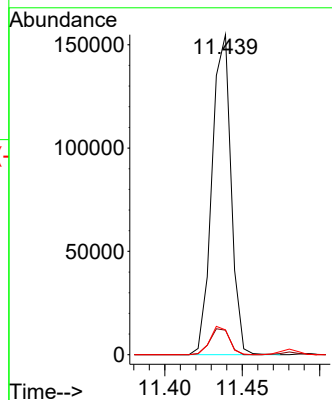
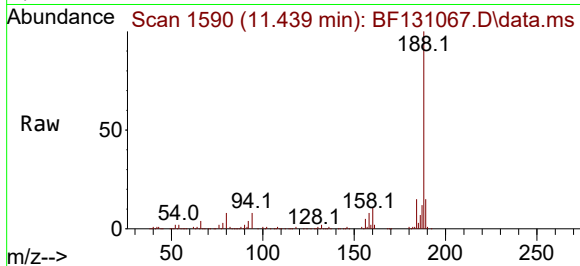




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131067.D
Acq: 08 Nov 2022 15:15

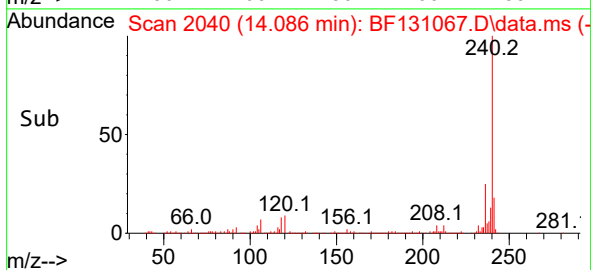
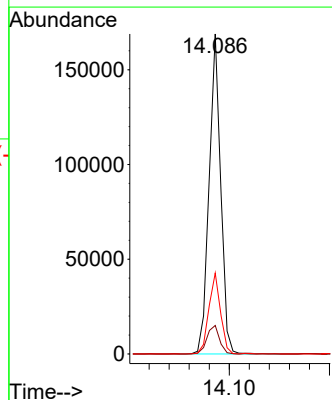
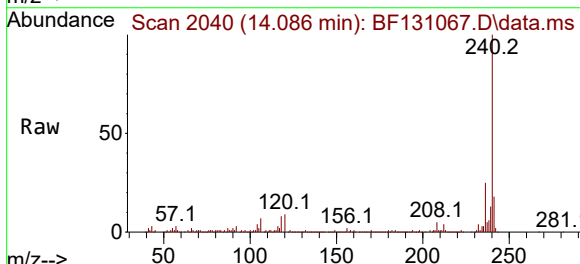
Instrument :
BNA_F
ClientSampleId :
BHA59

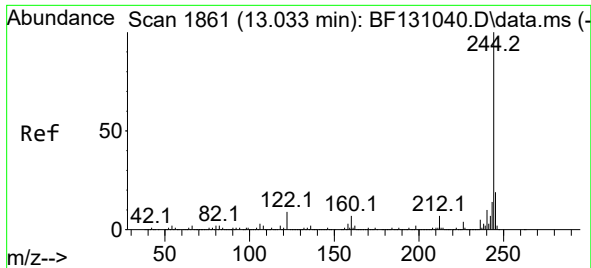
Tgt Ion:188 Resp: 132486
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 7.7 8.1 12.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131067.D
Acq: 08 Nov 2022 15:15

Tgt Ion:240 Resp: 135959
Ion Ratio Lower Upper
240 100
120 8.9 6.7 10.1
236 25.3 20.8 31.2

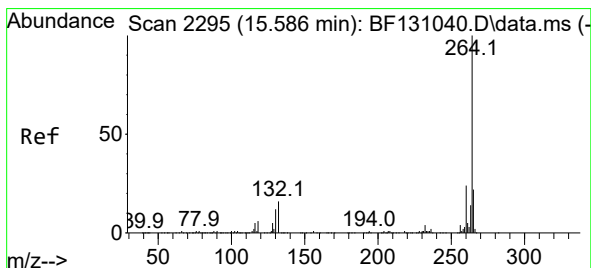
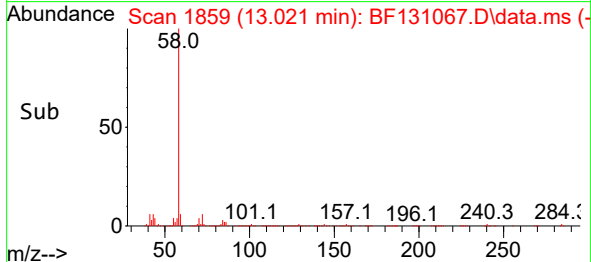
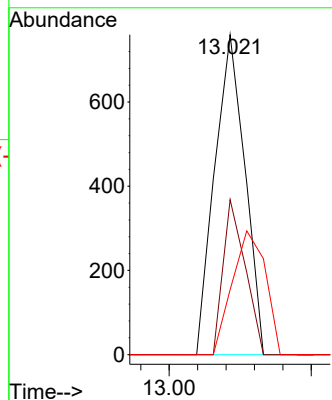
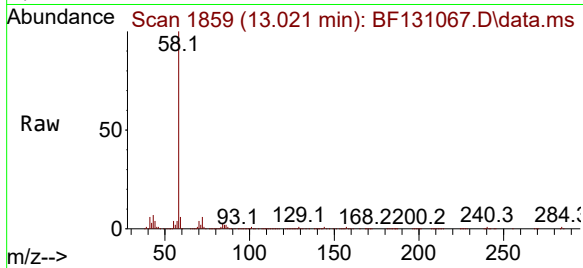




#79
 Terphenyl-d14
 Concen: 0.066 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. -0.012 min
 Lab File: BF131067.D
 Acq: 08 Nov 2022 15:15

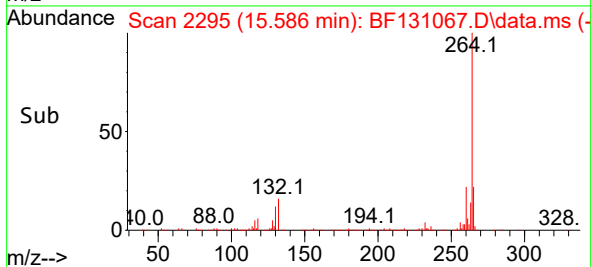
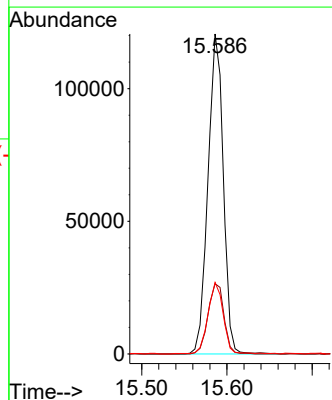
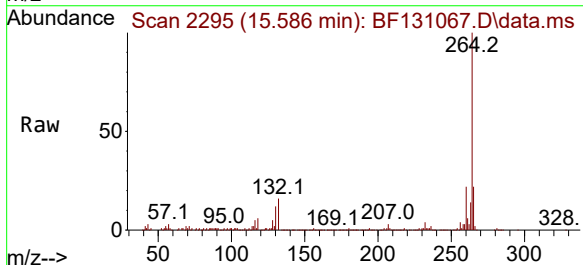
Instrument :
 BNA_F
 ClientSampleId :
 BHA59

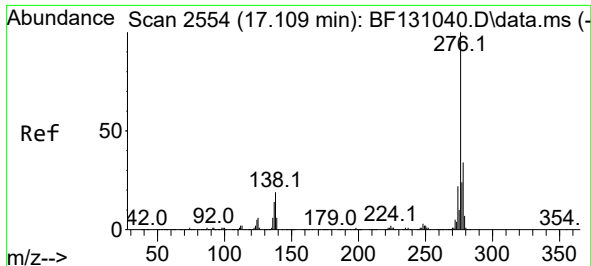
Tgt Ion:244 Resp: 560
 Ion Ratio Lower Upper
 244 100
 212 48.4 5.8 8.6#
 122 20.3 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.000 min
 Lab File: BF131067.D
 Acq: 08 Nov 2022 15:15

Tgt Ion:264 Resp: 150625
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.8 28.2
 265 22.3 17.3 25.9

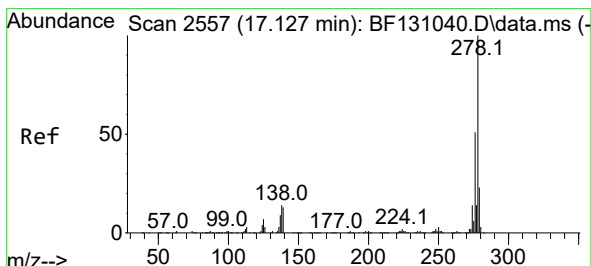
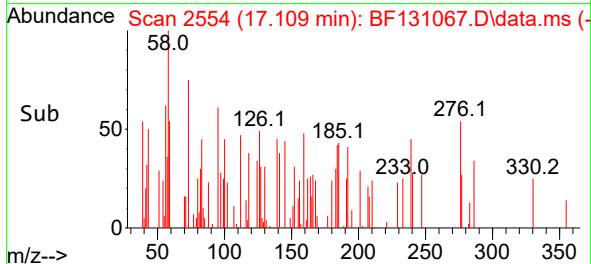
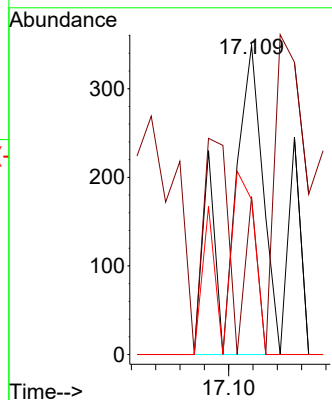
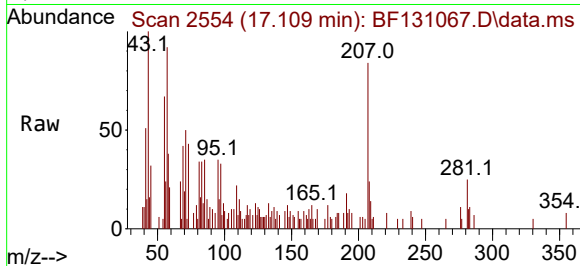




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.346 ng
 RT: 17.109 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131067.D
 Acq: 08 Nov 2022 15:15

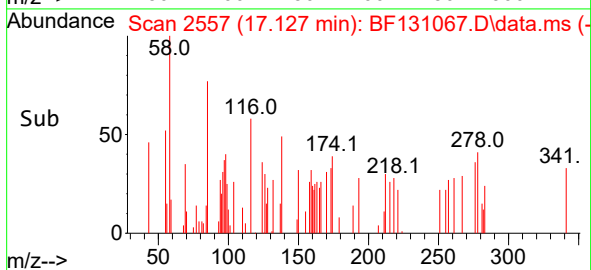
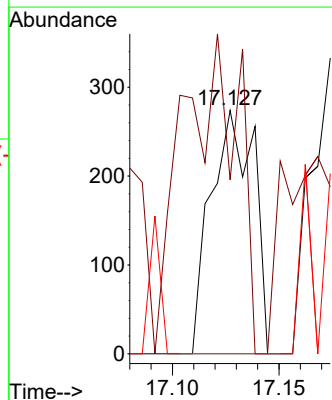
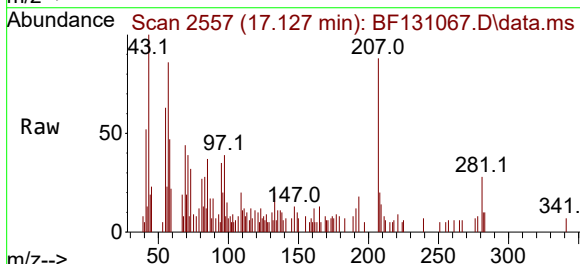
Instrument :
 BNA_F
 ClientSampleId :
 BHA59

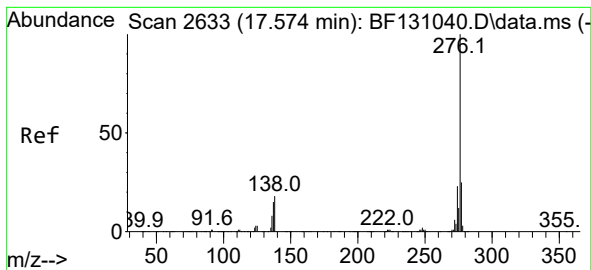
Tgt Ion:276 Resp: 335
 Ion Ratio Lower Upper
 276 100
 138 134.9 17.3 25.9#
 277 57.9 20.2 30.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.341 ng
 RT: 17.127 min Scan# 2557
 Delta R.T. 0.000 min
 Lab File: BF131067.D
 Acq: 08 Nov 2022 15:15

Tgt Ion:278 Resp: 385
 Ion Ratio Lower Upper
 278 100
 139 71.5 10.8 16.2#
 279 0.0 18.7 28.1#





#92

Benzo(g,h,i)perylene

Concen: 3.443 ng

RT: 17.580 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF131067.D

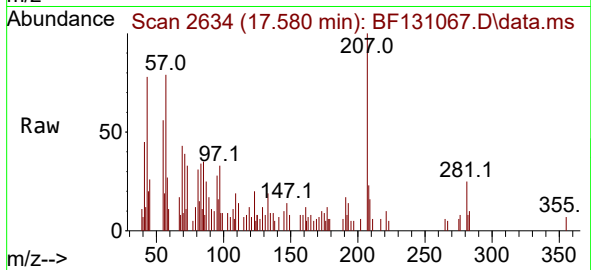
Acq: 08 Nov 2022 15:15

Instrument :

BNA_F

ClientSampleId :

BHA59



Tgt Ion:276 Resp: 584

Ion Ratio Lower Upper

276 100

277 0.0 20.0 30.0#

138 59.5 14.8 22.2#

