

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132006.D
 Acq On : 10 Jan 2023 20:29
 Operator : CG\JU
 Sample : N6243-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/11/2023
 Supervised By : Jagrut Upadhyay 01/11/2023

Quant Time: Jan 11 00:39:42 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	6.781	152	67592	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	229266	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	111495	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	171659	20.000	ng	#-0.01
76) Chrysene-d12	13.986	240	131235	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	117998	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	372256	90.750	ng	0.00
7) Phenol-d6	6.428	99	466918	85.850	ng	0.00
23) Nitrobenzene-d5	7.357	82	343125	62.115	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	90903	70.910	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	523272	63.357	ng	-0.01
79) Terphenyl-d14	12.921	244	431073	47.079	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.545	202	32665	3.246	ng	93
78) Pyrene	12.774	202	33008	2.758	ng	# 92
81) Benzo(a)anthracene	13.974	228	25943m	2.717	ng	
83) Chrysene	14.010	228	43496	4.875	ng	97
88) Benzo(b)fluoranthene	15.027	252	26185m	3.235	ng	
90) Benzo(a)pyrene	15.392	252	16552	2.270	ng	# 66
92) Benzo(g,h,i)perylene	17.362	276	13562	5.459	ng	# 85

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

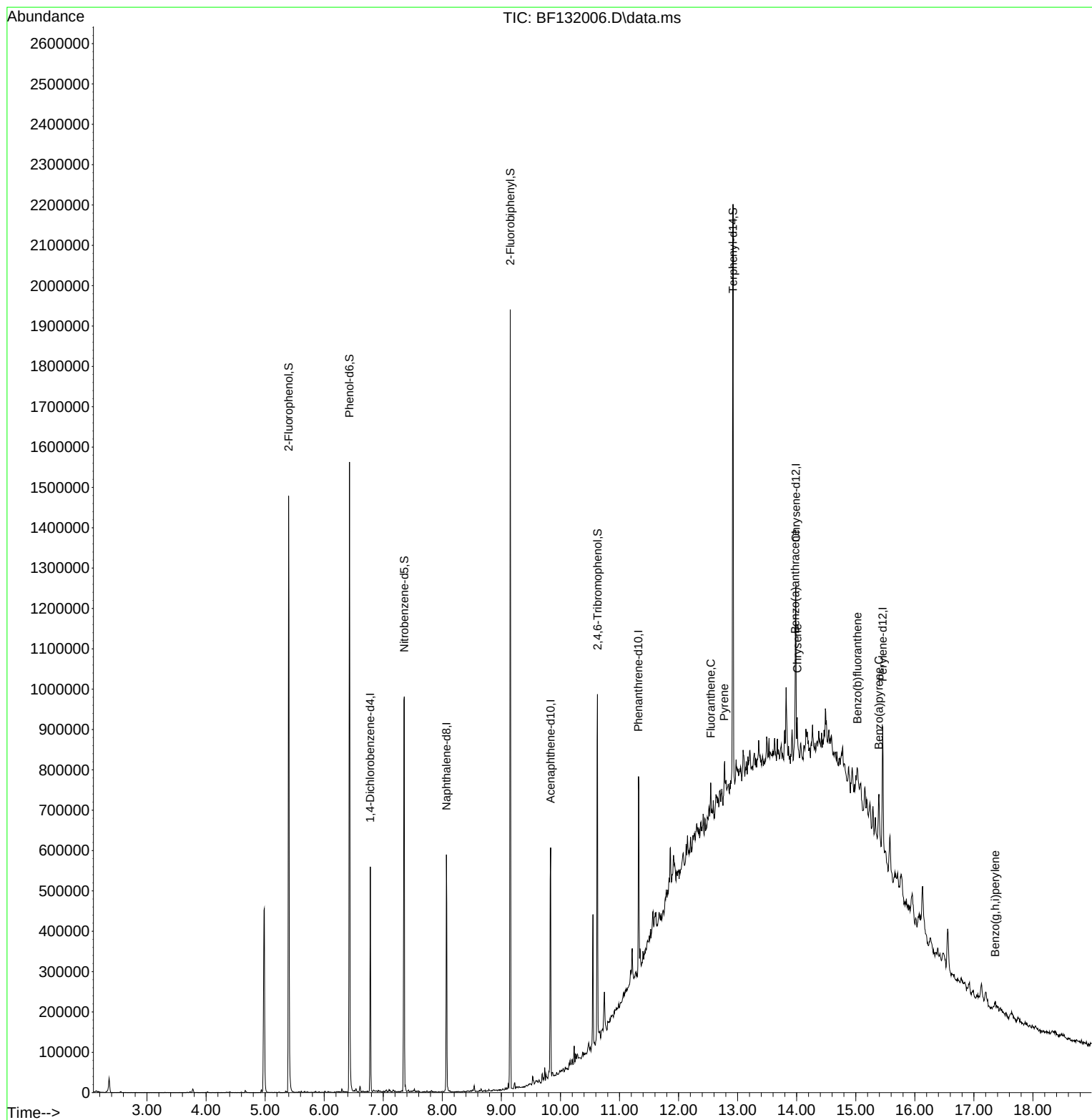
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132006.D
Acq On : 10 Jan 2023 20:29
Operator : CG\JU
Sample : N6243-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

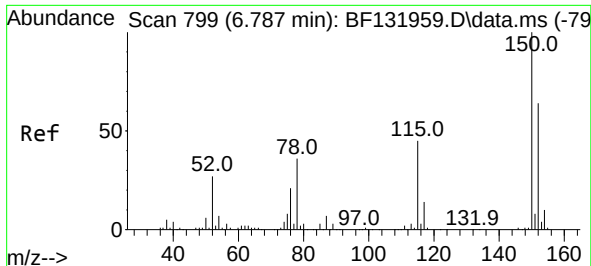
Instrument :
BNA_F
ClientSampleId :
PE-8

Quant Time: Jan 11 00:39:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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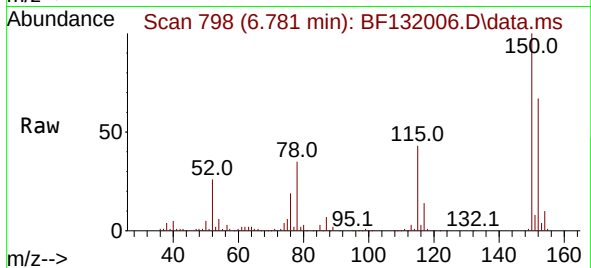
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

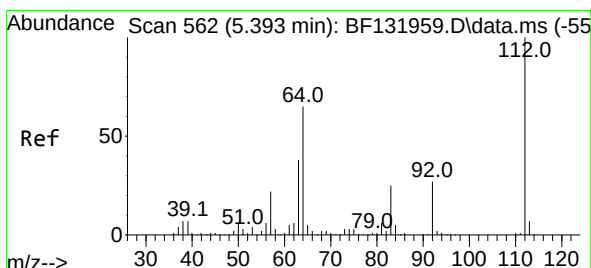
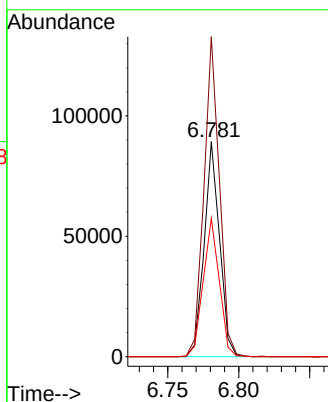
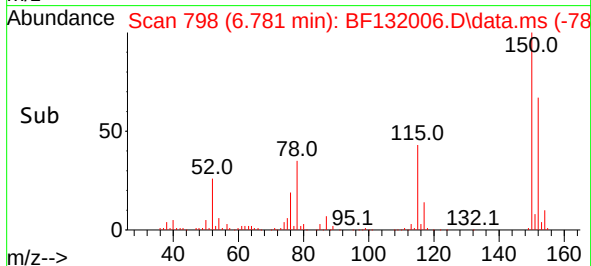
Instrument :
BNA_F
ClientSampleId :
PE-8



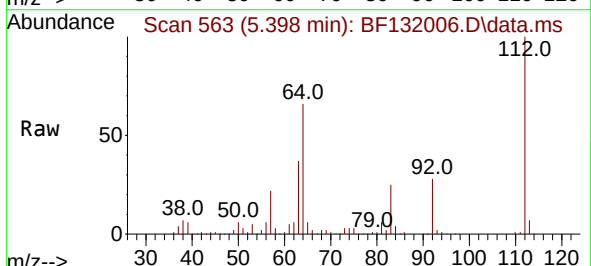
Tgt Ion:152 Resp: 67592
Ion Ratio Lower Upper
152 100
150 148.8 124.6 186.8
115 64.4 55.6 83.4

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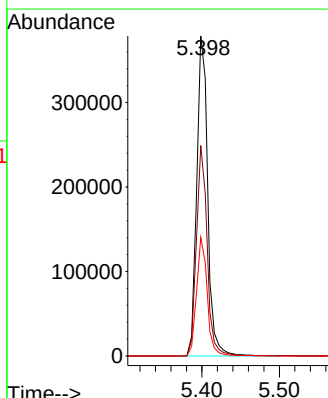
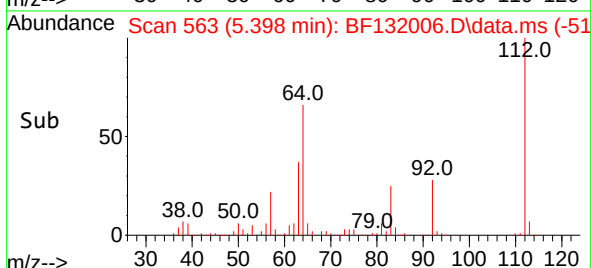
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

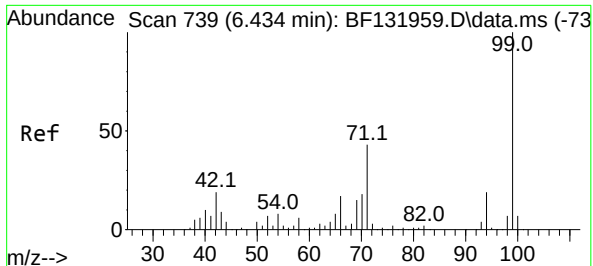


#5
2-Fluorophenol
Concen: 90.750 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29



Tgt Ion:112 Resp: 372256
Ion Ratio Lower Upper
112 100
64 65.8 51.9 77.9
63 37.1 30.2 45.2





#7

Phenol-d6

Concen: 85.850 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

PE-8

Tgt Ion: 99 Resp: 466918

Ion Ratio Lower Upper

99 100

42 19.7 15.4 23.2

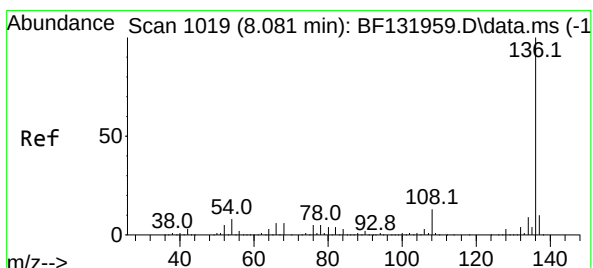
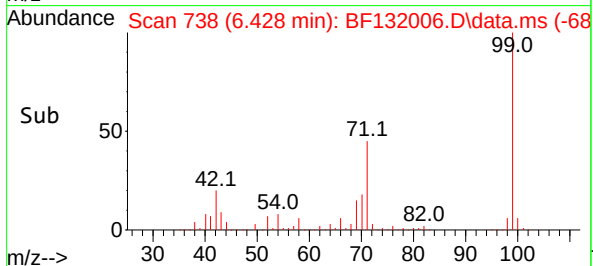
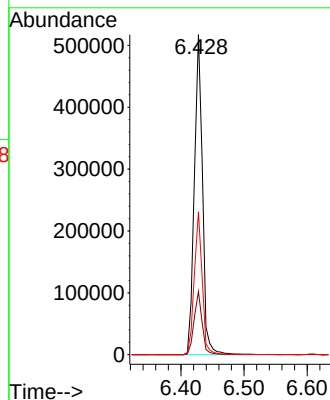
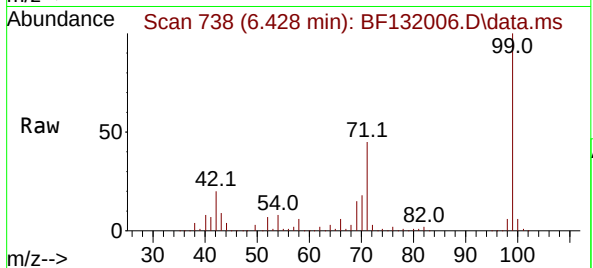
71 44.7 34.6 51.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

Tgt Ion:136 Resp: 229266

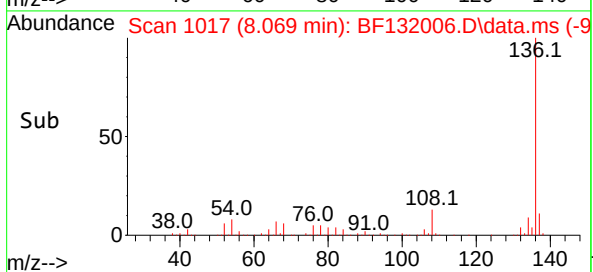
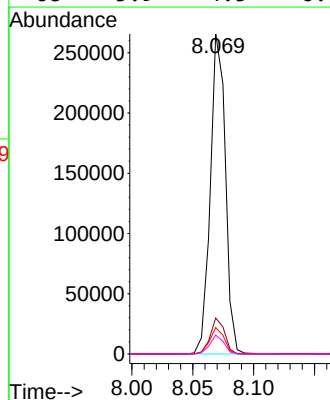
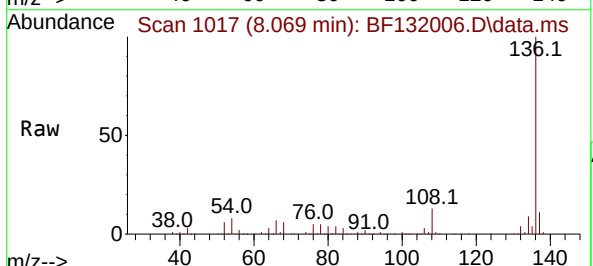
Ion Ratio Lower Upper

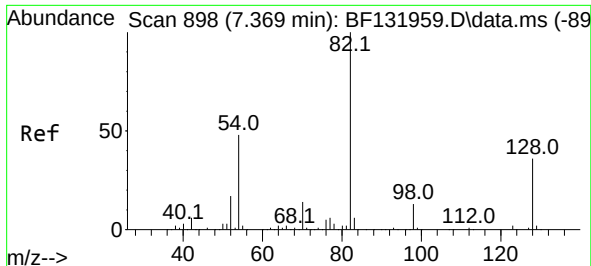
136 100

137 11.3 8.2 12.2

54 8.2 6.6 9.8

68 5.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 62.115 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

PE-8

Tgt Ion: 82 Resp: 34312

Ion Ratio Lower Upper

82 100

128 38.0 28.7 43.1

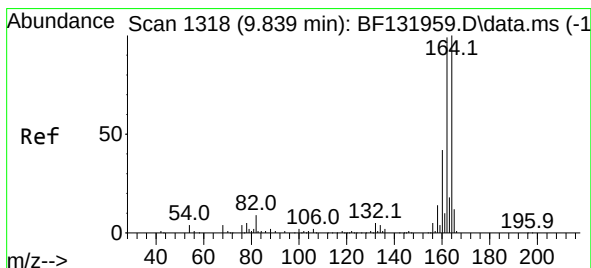
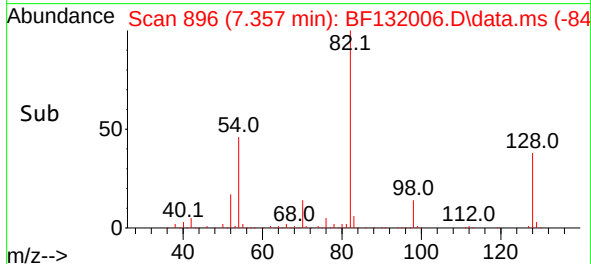
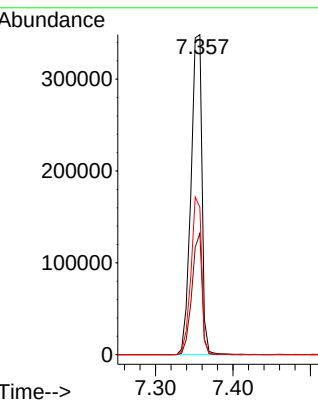
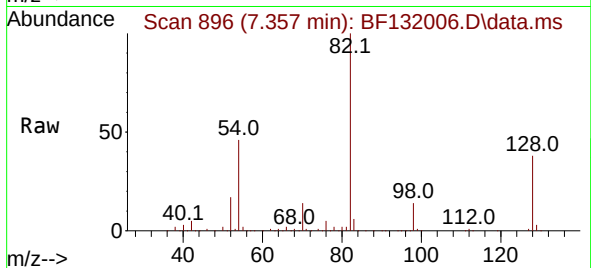
54 46.0 38.1 57.1

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

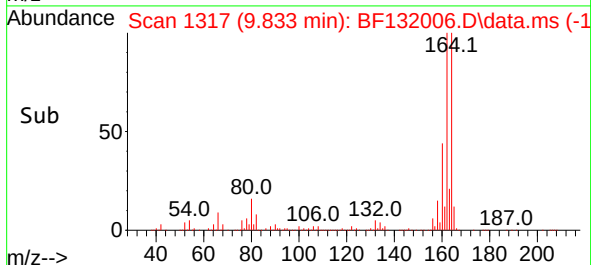
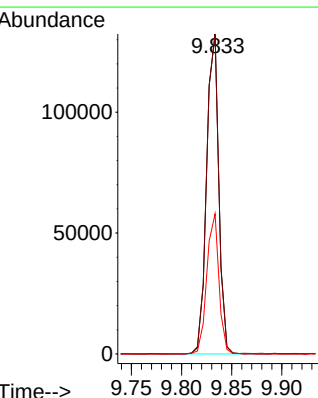
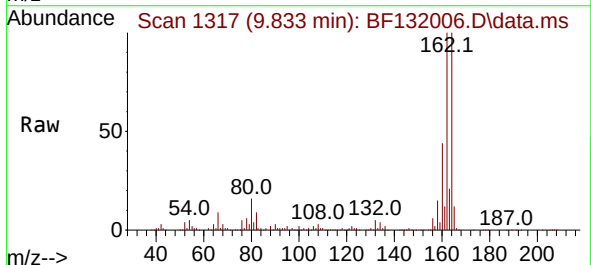
Tgt Ion:164 Resp: 111495

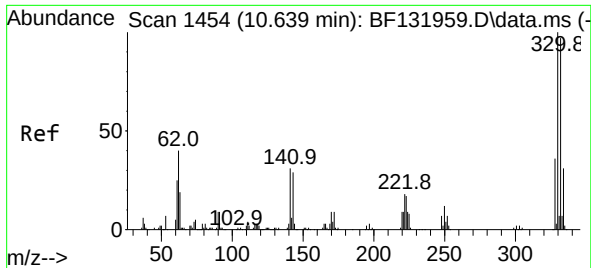
Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.0

160 43.8 33.9 50.9





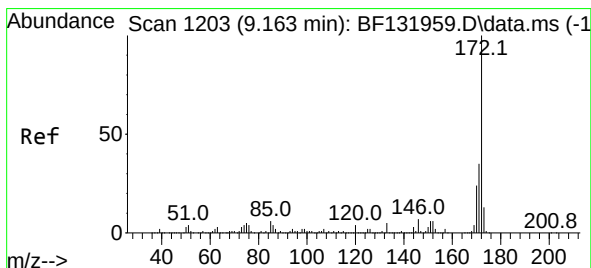
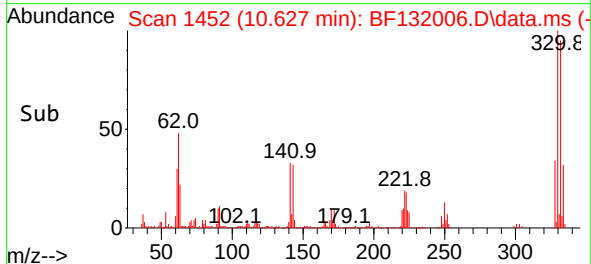
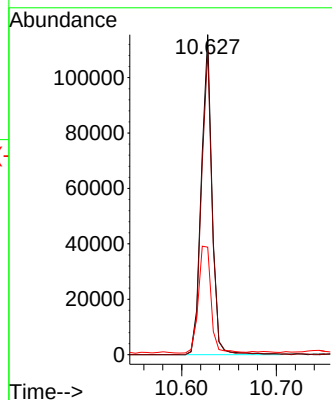
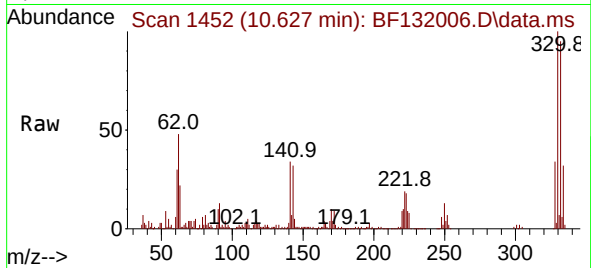
#42
2,4,6-Tribromophenol
Concen: 70.910 ng
RT: 10.627 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

Instrument :
BNA_F
ClientSampleId :
PE-8

Tgt Ion:330 Resp: 9090
Ion Ratio Lower Upper
330 100
332 94.8 76.9 115.3
141 39.8 31.3 46.9

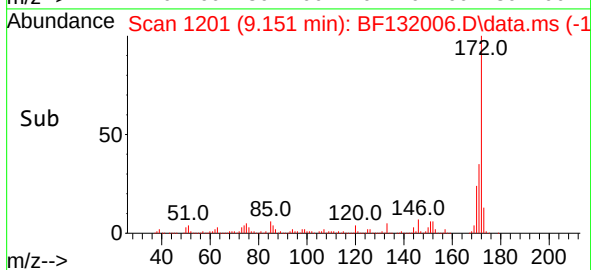
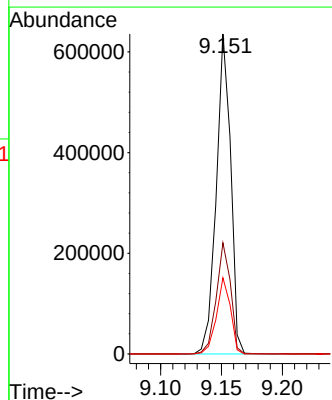
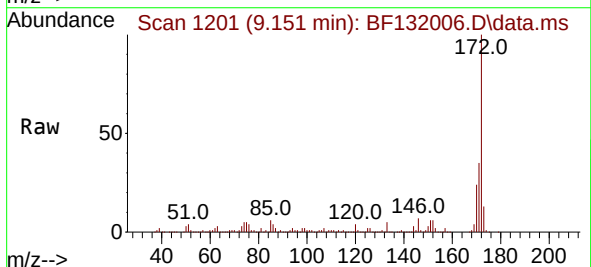
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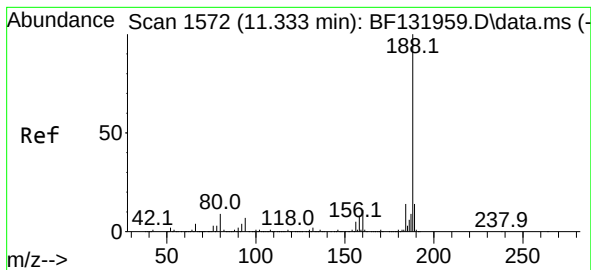
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#45
2-Fluorobiphenyl
Concen: 63.357 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

Tgt Ion:172 Resp: 523272
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

PE-8

Tgt Ion:188 Resp: 17165

Ion Ratio Lower Upper

188 100

94 9.4 5.8 8.6

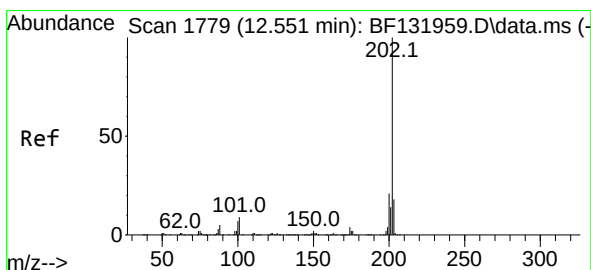
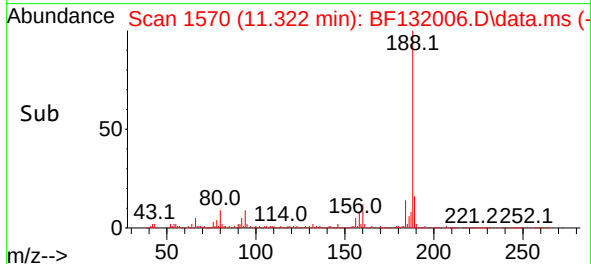
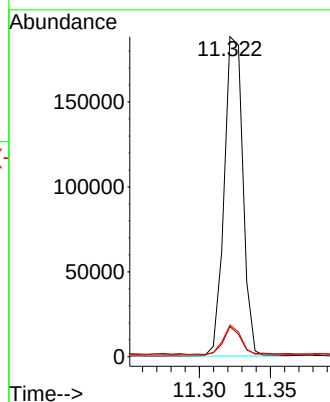
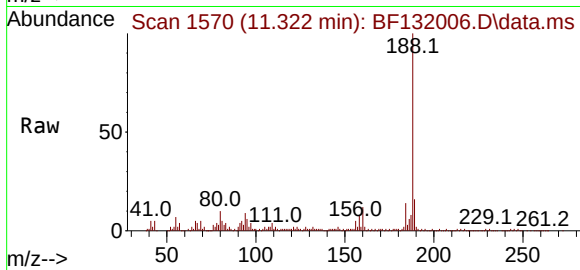
80 9.9 7.4 11.0

Manual Integrations

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#75

Fluoranthene

Concen: 3.246 ng

RT: 12.545 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

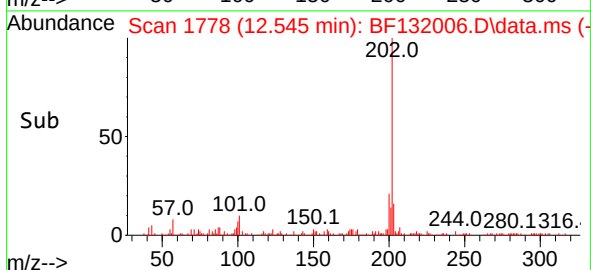
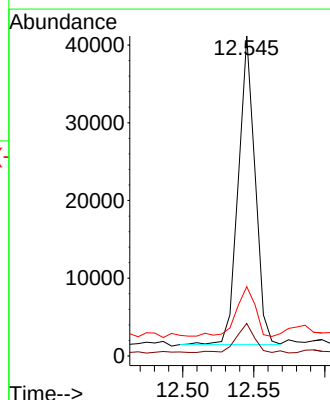
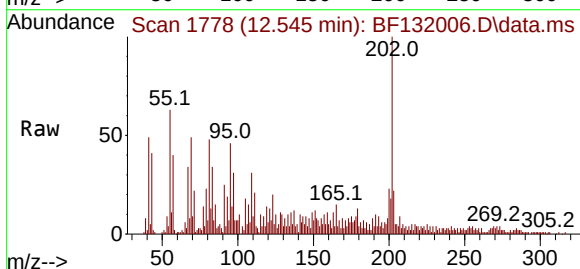
Tgt Ion:202 Resp: 32665

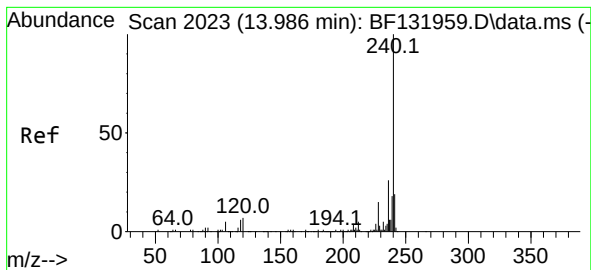
Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.8

203 21.6 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: BF132006.D

Acq: 10 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

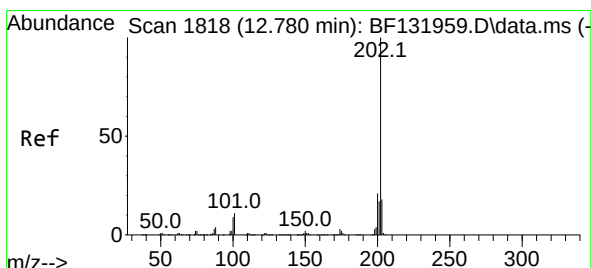
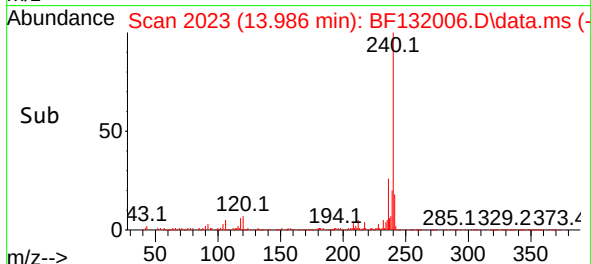
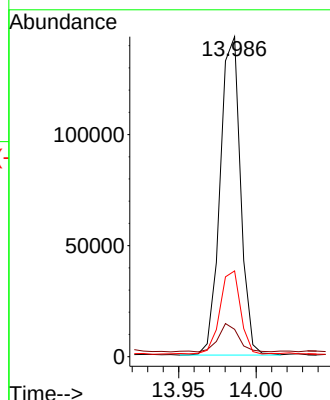
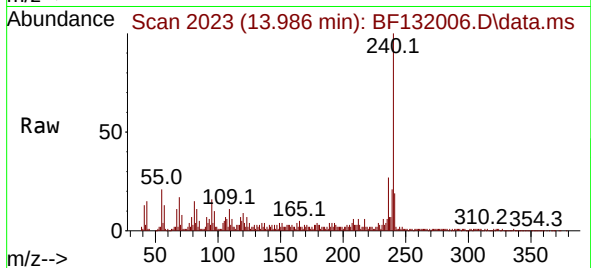
PE-8

Tgt Ion:240 Resp: 131235
 Ion Ratio Lower Upper
 240 100
 120 8.5 5.4 8.0
 236 26.8 21.1 31.7

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Reviewed By :Christian Giraldo 01/11/2023
 Supervised By :Jagrut Upadhyay 01/11/2023



#78

Pyrene

Concen: 2.758 ng

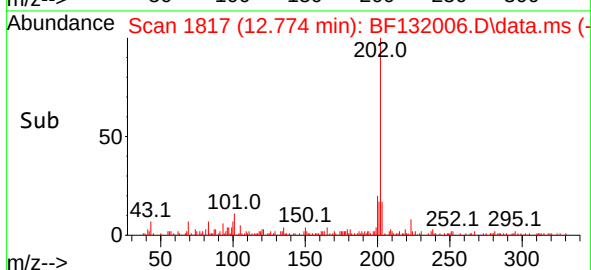
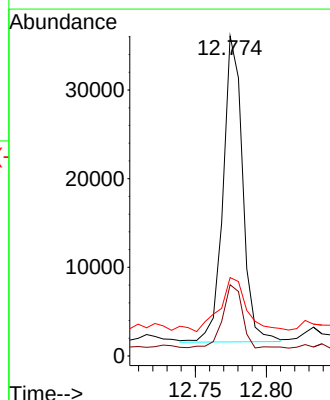
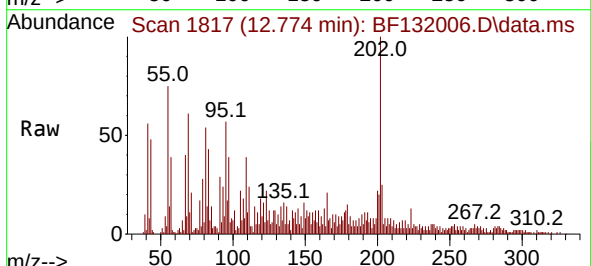
RT: 12.774 min Scan# 1817

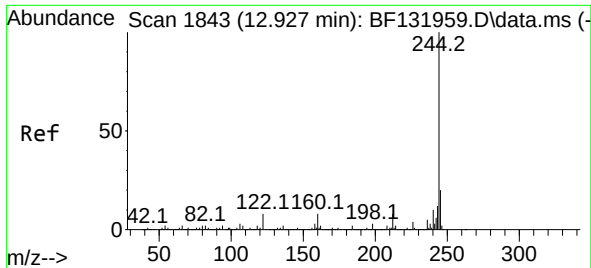
Delta R.T. -0.006 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

Tgt Ion:202 Resp: 33008
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.0 25.6
 203 24.5 14.1 21.1





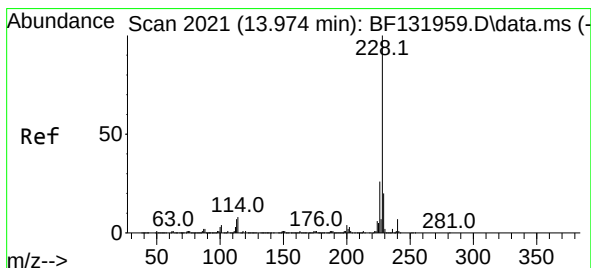
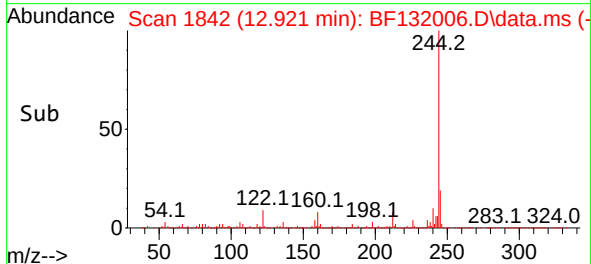
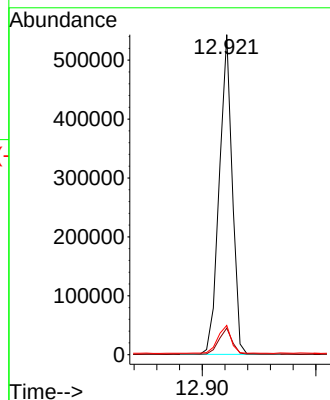
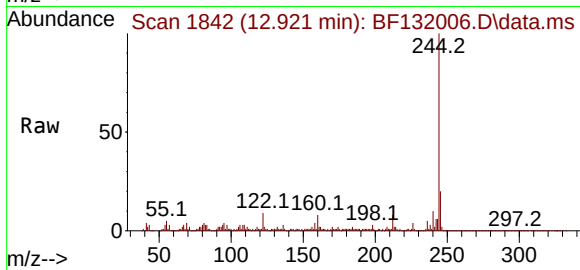
#79
 Terphenyl-d14
 Concen: 47.079 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF132006.D
 Acq: 10 Jan 2023 20:29

Instrument :
 BNA_F
 ClientSampleId :
 PE-8

Tgt Ion:244 Resp: 43107
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 9.2 6.8 10.2

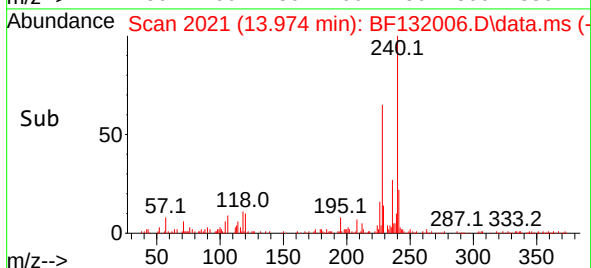
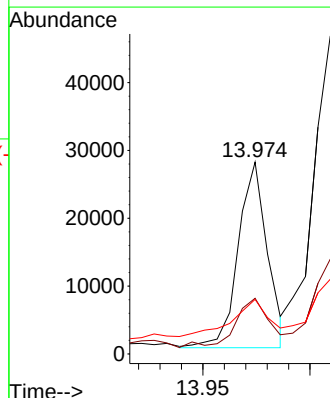
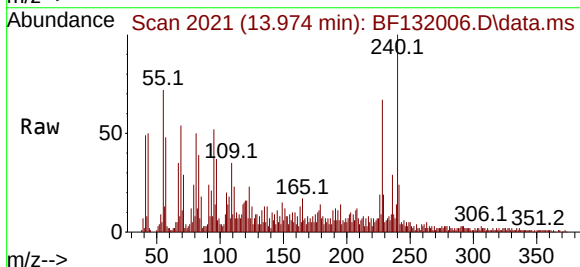
Manual Integrations
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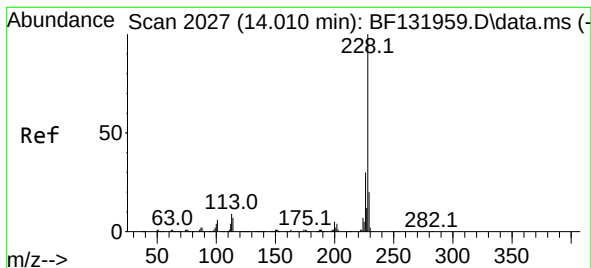
Reviewed By :Christian Giraldo 01/11/2023
 Supervised By :Jagrut Upadhyay 01/11/2023



#81
 Benzo(a)anthracene
 Concen: 2.717 ng m
 RT: 13.974 min Scan# 2021
 Delta R.T. -0.000 min
 Lab File: BF132006.D
 Acq: 10 Jan 2023 20:29

Tgt Ion:228 Resp: 25943
 Ion Ratio Lower Upper
 228 100
 226 29.0 21.0 31.4
 229 28.5 15.8 23.6#





#83

Chrysene

Concen: 4.875 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

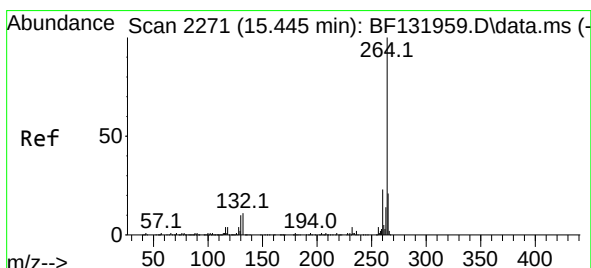
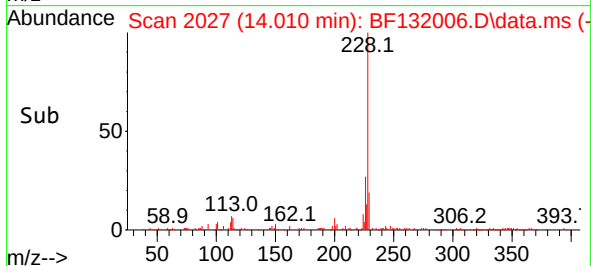
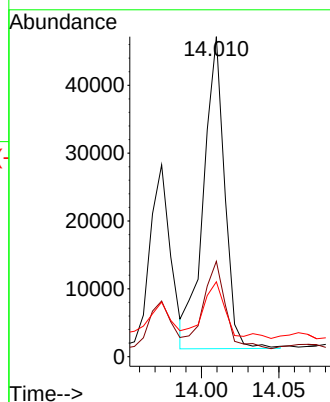
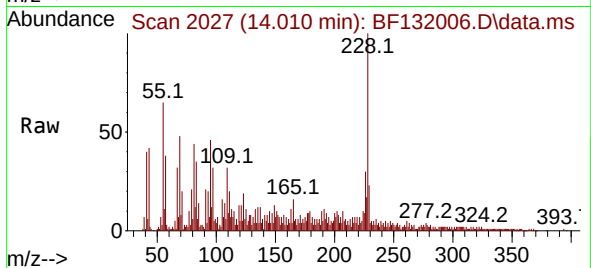
PE-8

Tgt Ion:	228	Resp:	43490
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.0	36.0
229	23.4	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#86

Perylene-d12

Concen: 20.000 ng

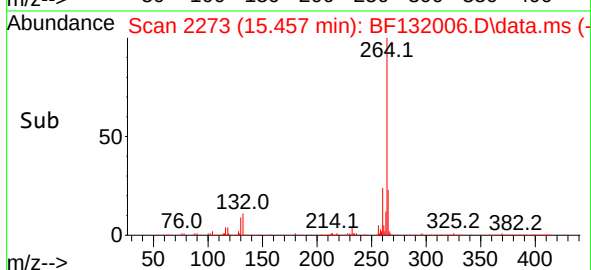
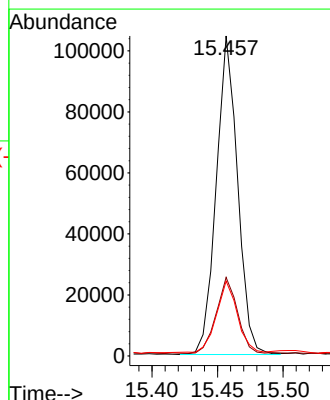
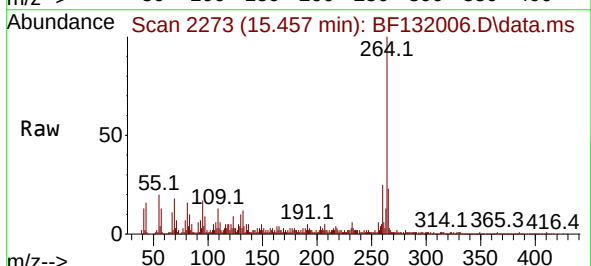
RT: 15.457 min Scan# 2273

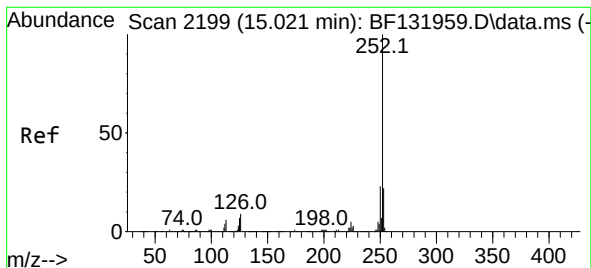
Delta R.T. 0.012 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

Tgt Ion:	264	Resp:	117998
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.3	27.5
265	23.4	16.9	25.3





#88

Benzo(b)fluoranthene

Concen: 3.235 ng m

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

PE-8

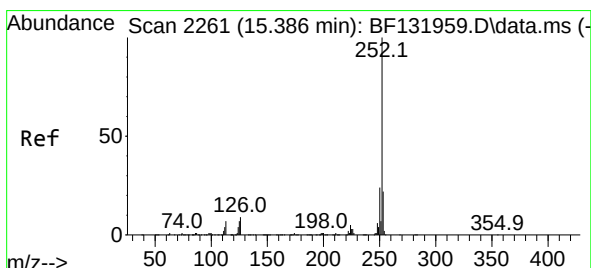
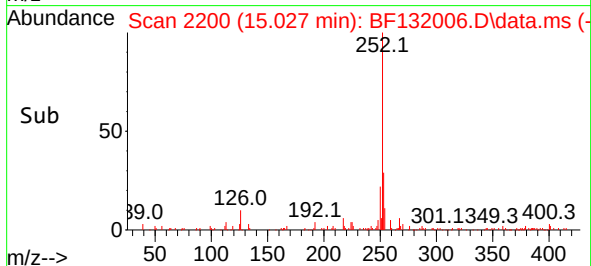
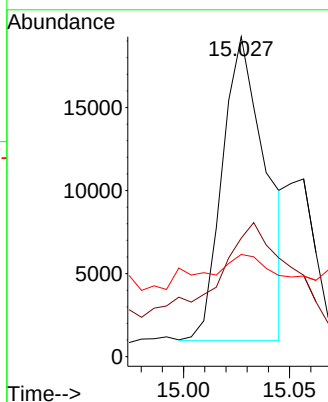
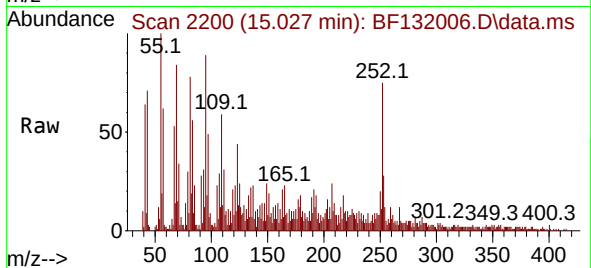
Tgt Ion:252 Resp: 2618#
 Ion Ratio Lower Upper
 252 100
 253 37.0 18.0 27.0#
 125 32.0 5.8 8.6#

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#90

Benzo(a)pyrene

Concen: 2.270 ng

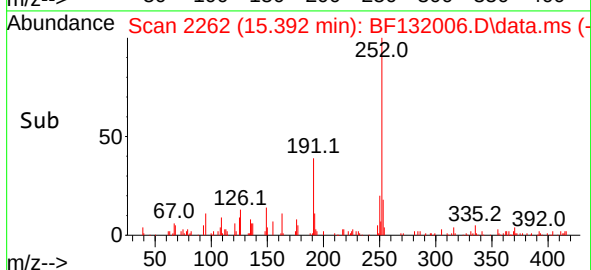
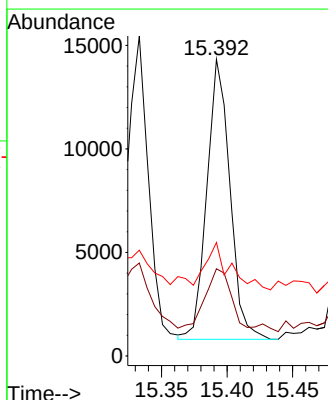
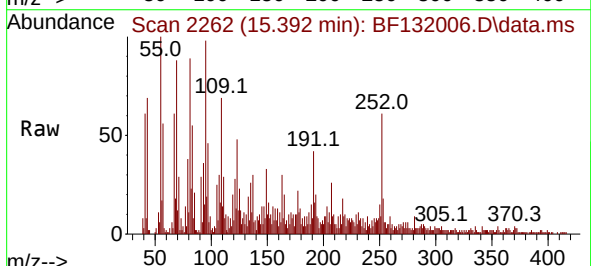
RT: 15.392 min Scan# 2262

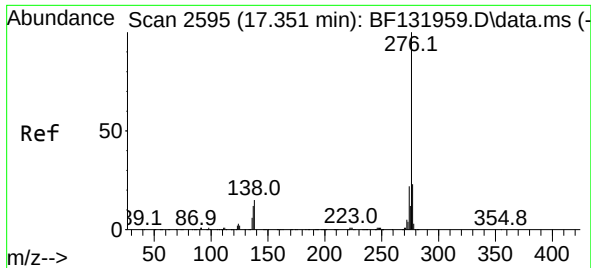
Delta R.T. 0.006 min

Lab File: BF132006.D

Acq: 10 Jan 2023 20:29

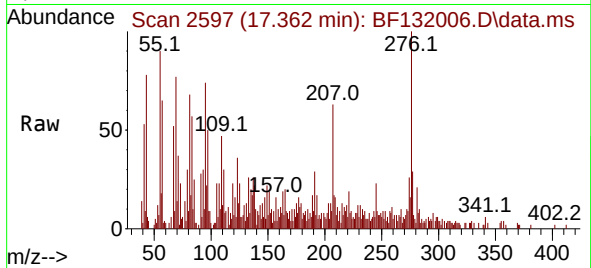
Tgt Ion:252 Resp: 16552
 Ion Ratio Lower Upper
 252 100
 253 29.4 17.4 26.0#
 125 38.2 5.7 8.5#





#92
Benzo(g,h,i)perylene
Concen: 5.459 ng
RT: 17.362 min Scan# 20
Delta R.T. 0.011 min
Lab File: BF132006.D
Acq: 10 Jan 2023 20:29

Instrument :
BNA_F
ClientSampleId :
PE-8



Tgt Ion:	276	Resp:	1356
Ion Ratio	Lower	Upper	
276	100		
277	29.0	18.2	27.2
138	22.3	11.7	17.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

