

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133253.D
 Acq On : 05 May 2023 02:46
 Operator : CG\JU
 Sample : 02598-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-328

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/05/2023
 Supervised By : Jagrut Upadhyay 05/05/2023

Quant Time: May 05 05:35:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	191650	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	734823	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	345811	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	508831	20.000	ng	0.00
76) Chrysene-d12	13.874	240	351790	20.000	ng	-0.01
86) Perylene-d12	15.298	264	272742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1129952	89.064	ng	0.00
7) Phenol-d6	6.363	99	1372855	87.181	ng	-0.01
23) Nitrobenzene-d5	7.292	82	818677	60.136	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	234171	67.333	ng	-0.01
45) 2-Fluorobiphenyl	9.086	172	1358846	65.740	ng	0.00
79) Terphenyl-d14	12.827	244	1124342	55.121	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.263	178	93636	3.424	ng	98
75) Fluoranthene	12.451	202	192129	7.000	ng	95
78) Pyrene	12.674	202	180986	6.002	ng	99
81) Benzo(a)anthracene	13.863	228	83866	3.467	ng	98
83) Chrysene	13.898	228	93730	3.875	ng	98
84) Bis(2-ethylhexyl)phtha...	13.868	149	51347	3.831	ng	99
87) Indeno(1,2,3-cd)pyrene	16.662	276	32605	2.102	ng	98
88) Benzo(b)fluoranthene	14.892	252	93661m	5.398	ng	
90) Benzo(a)pyrene	15.233	252	51761	3.277	ng	# 93
92) Benzo(g,h,i)perylene	17.074	276	33653	2.634	ng	95

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

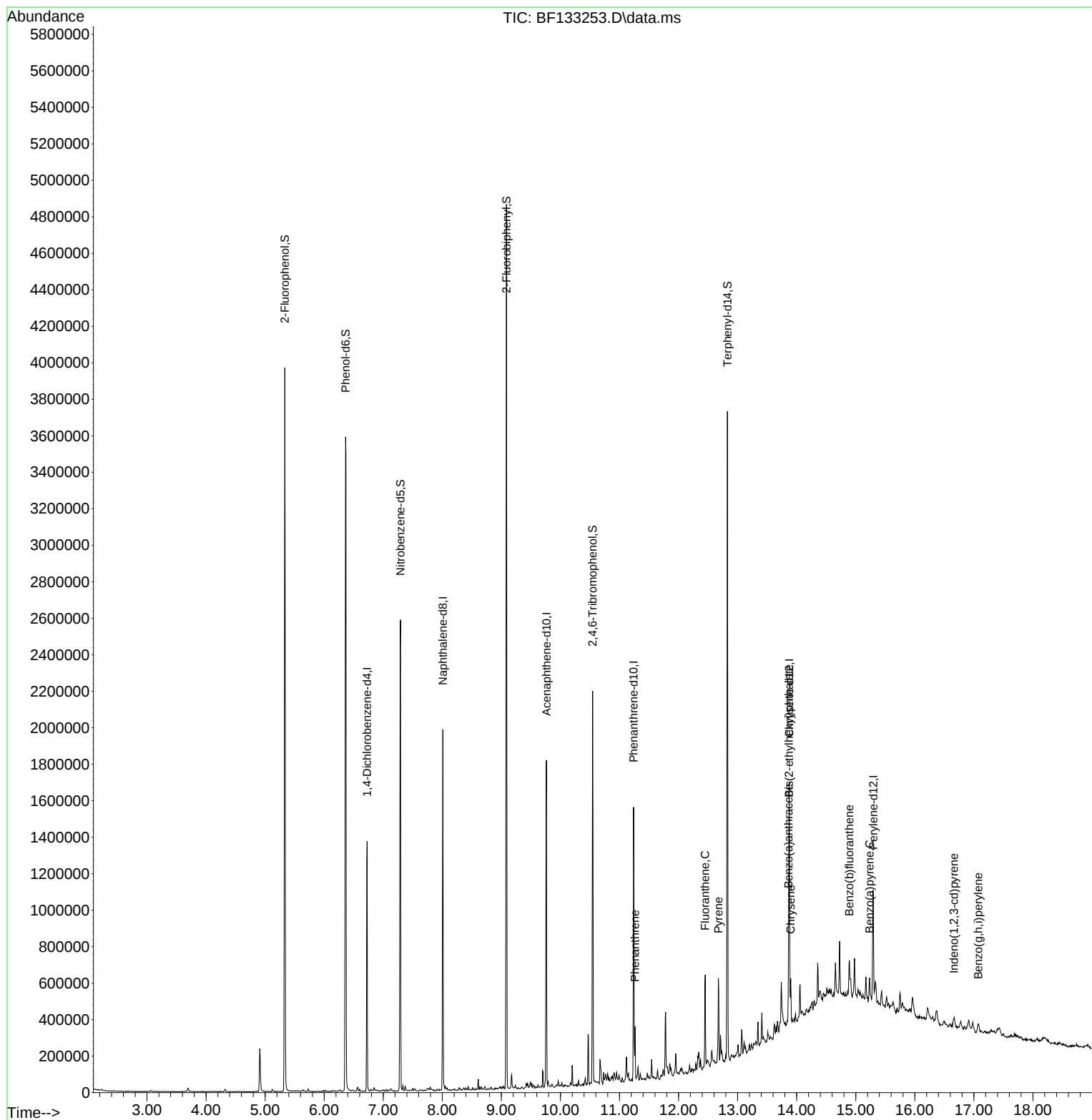
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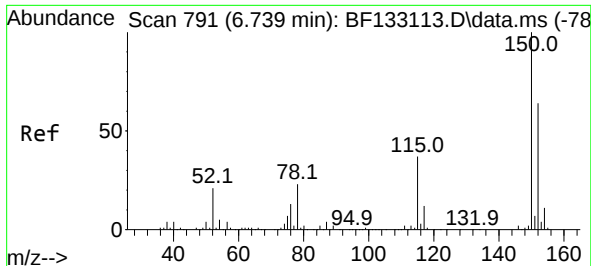
Instrument :
BNA_F
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Quant Time: May 05 05:35:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 04 12:22:53 2023
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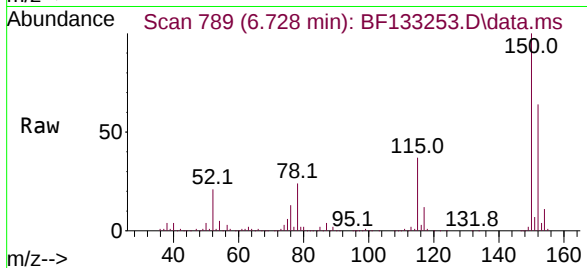
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

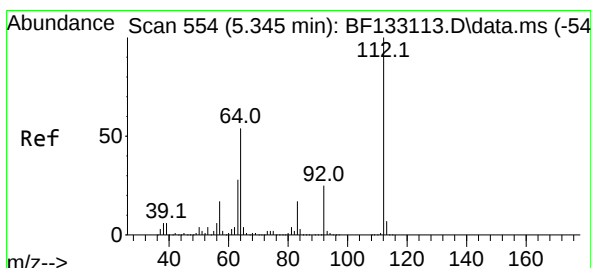
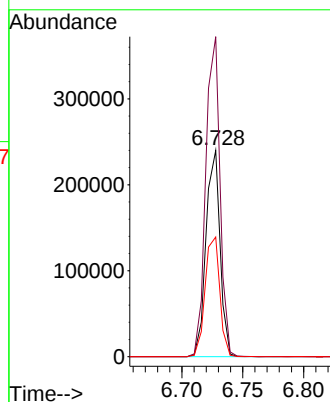
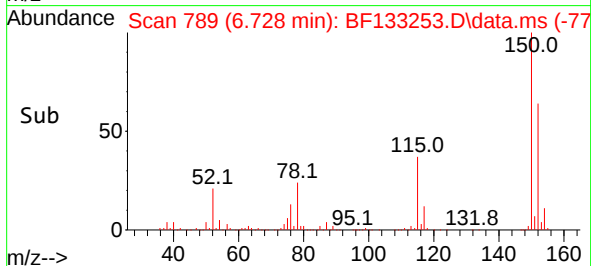
Instrument :
BNA_F
ClientSampleId :
ETGI-328



Tgt Ion:152 Resp: 191650
Ion Ratio Lower Upper
152 100
150 155.1 124.8 187.2
115 58.0 49.9 74.9

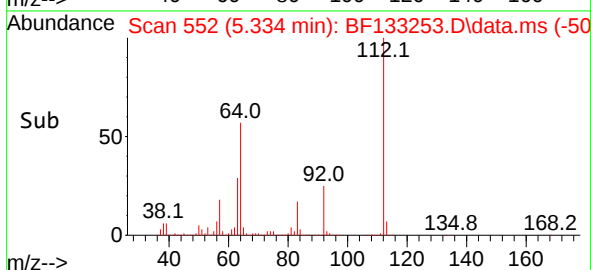
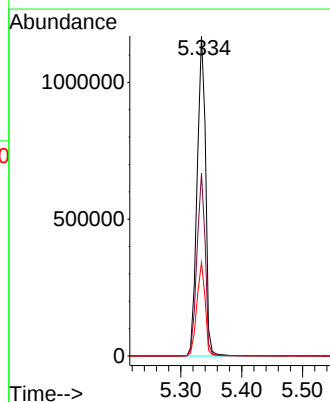
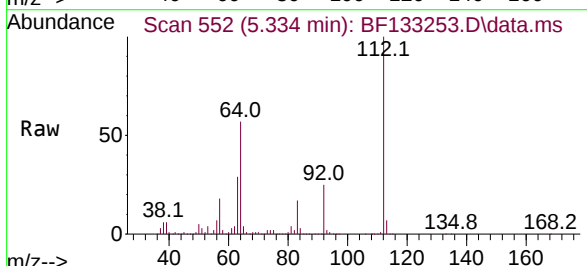
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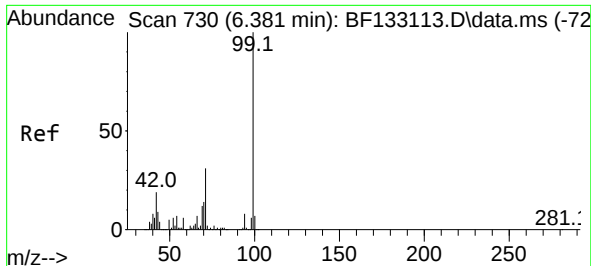
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#5
2-Fluorophenol
Concen: 89.064 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

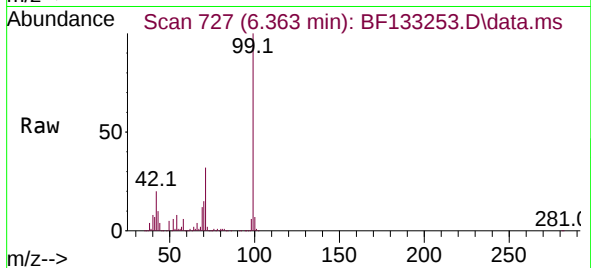
Tgt Ion:112 Resp: 1129952
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 29.3 23.8 35.8





#7
Phenol-d6
Concen: 87.181 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

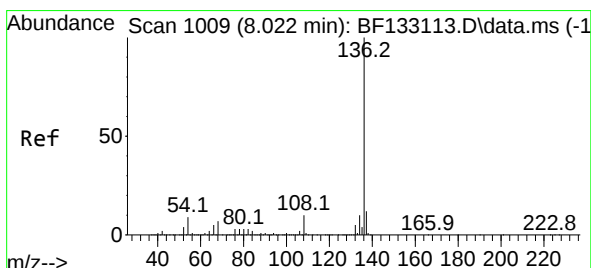
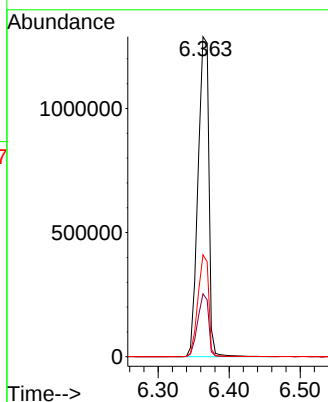
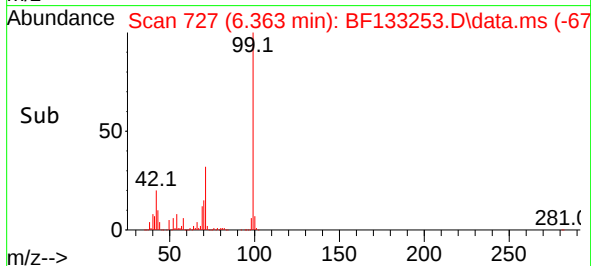
Instrument :
BNA_F
ClientSampleId :
ETGI-328



Tgt Ion: 99 Resp: 137285
Ion Ratio Lower Upper
99 100
42 19.7 16.3 24.5
71 31.8 25.6 38.4

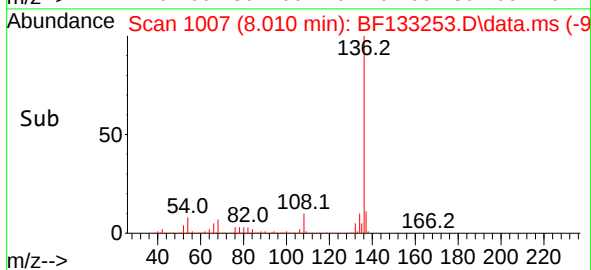
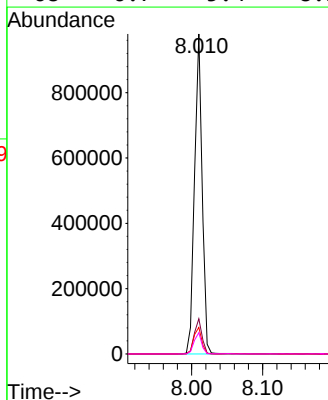
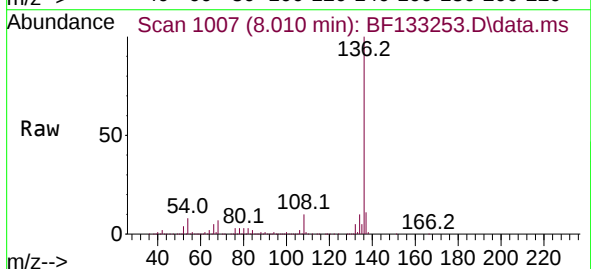
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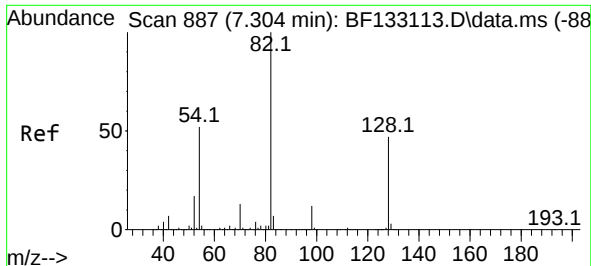
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

Tgt Ion:136 Resp: 734823
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.3 7.0 10.4
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 60.136 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133253.D

Acq: 05 May 2023 02:46

Instrument :

BNA_F

ClientSampleId :

ETGI-328

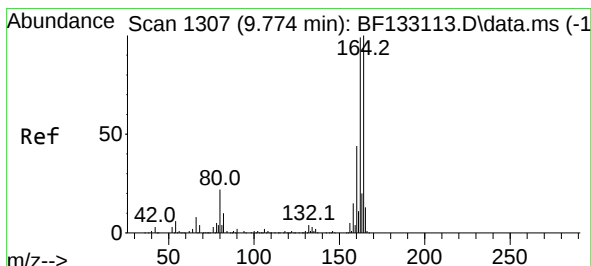
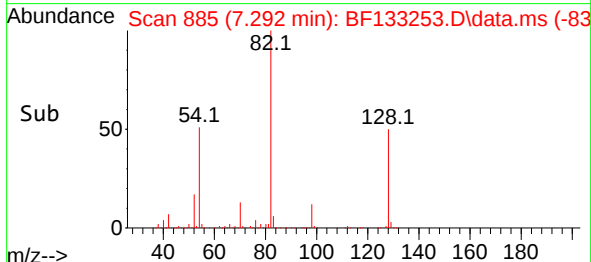
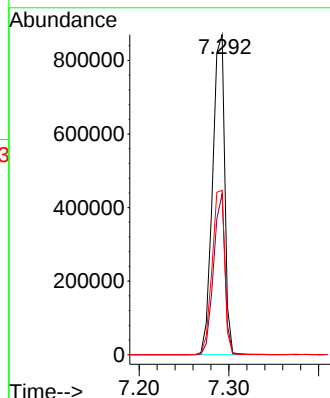
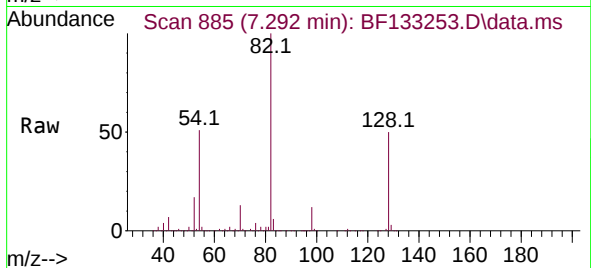
Tgt Ion: 82 Resp: 81867

Ion	Ratio	Lower	Upper
82	100		
128	50.3	37.7	56.5
54	51.4	43.0	64.4

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

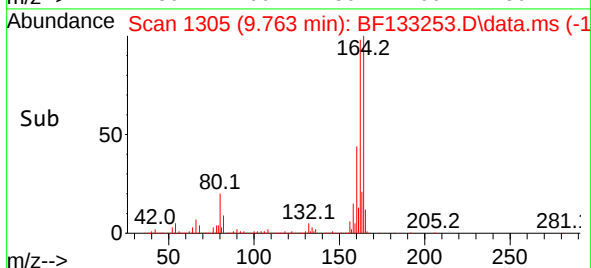
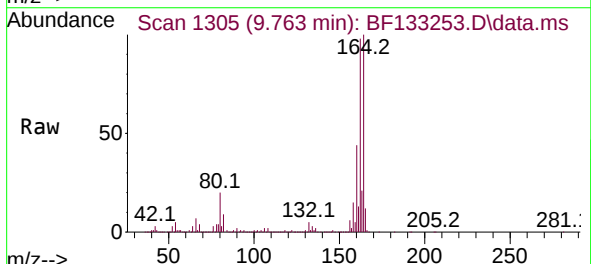
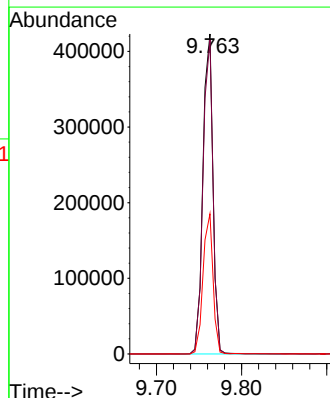
Delta R.T. -0.006 min

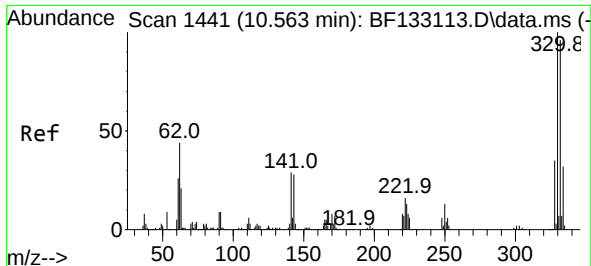
Lab File: BF133253.D

Acq: 05 May 2023 02:46

Tgt Ion:164 Resp: 345811

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.7	118.1
160	43.8	35.8	53.6





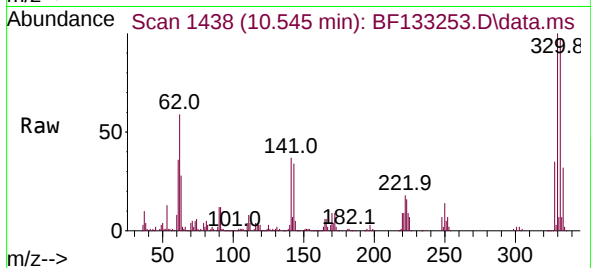
#42
2,4,6-Tribromophenol
Concen: 67.333 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

Instrument :

BNA_F

ClientSampleId :

ETGI-328

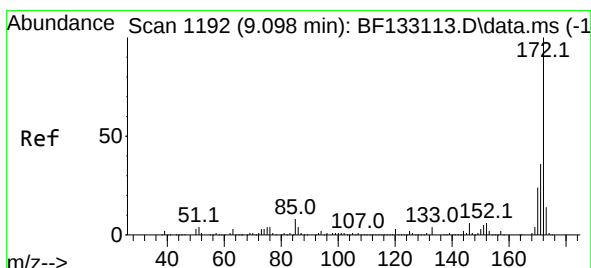
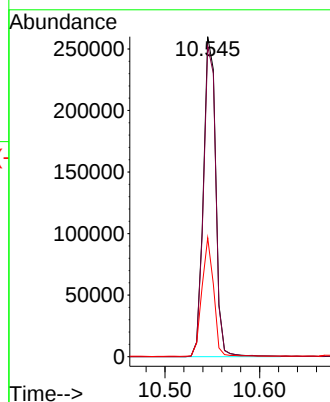
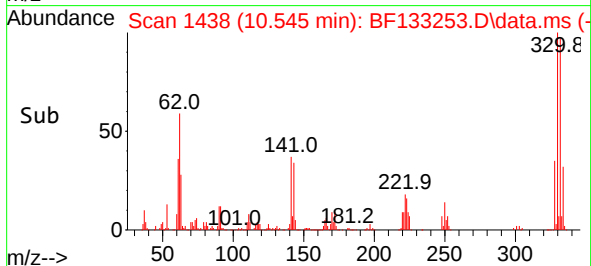


Tgt Ion:330 Resp: 23417
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 35.8 25.8 38.8

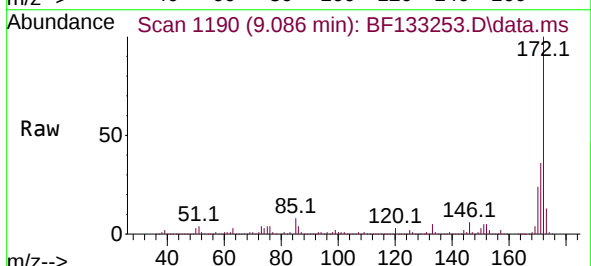
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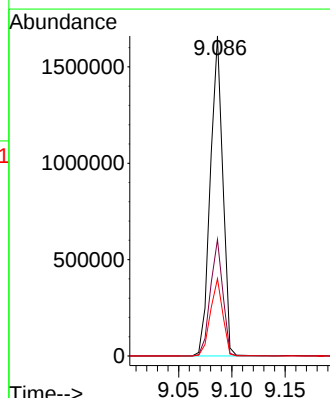
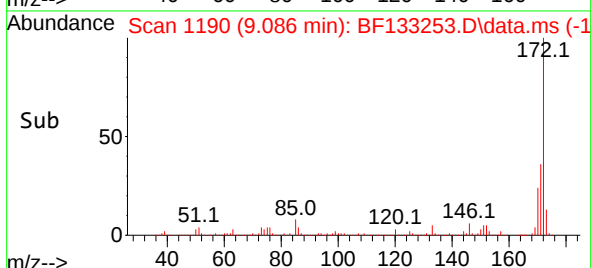
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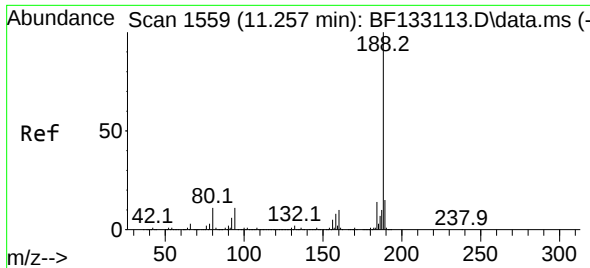


#45
2-Fluorobiphenyl
Concen: 65.740 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46



Tgt Ion:172 Resp: 1358846
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.1 19.4 29.2





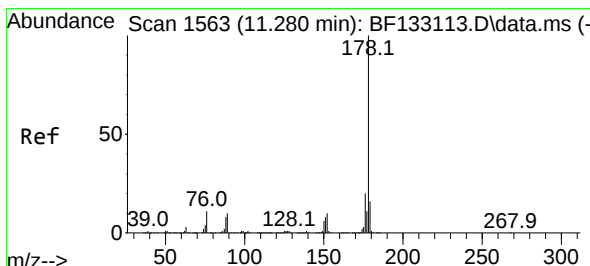
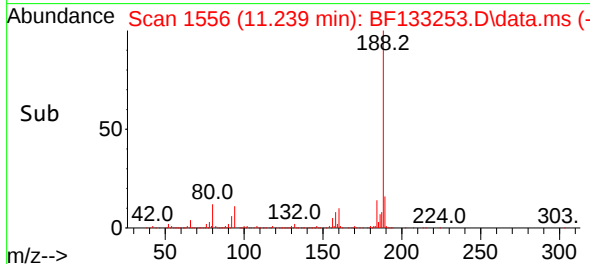
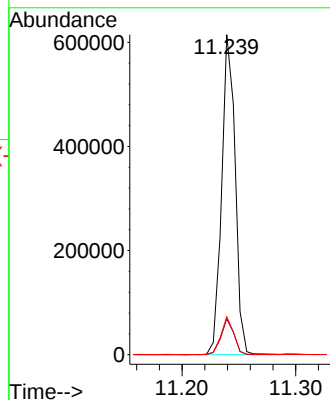
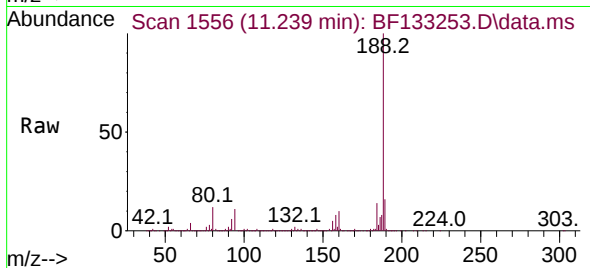
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

Instrument :
BNA_F
ClientSampleId :
ETGI-328

Tgt Ion:188 Resp: 50883
Ion Ratio Lower Upper
188 100
94 11.2 9.7 14.5
80 11.8 10.4 15.6

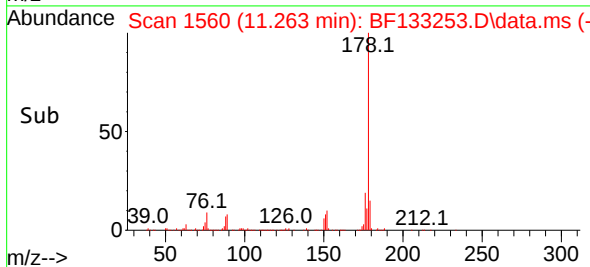
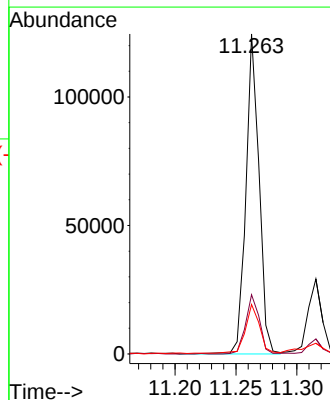
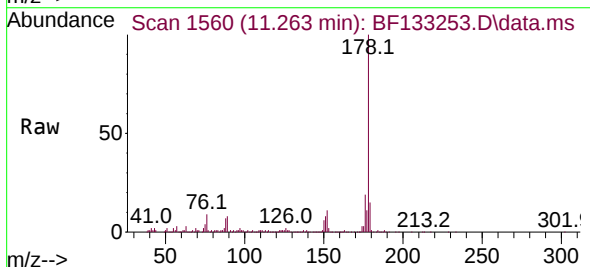
Manual Integrations
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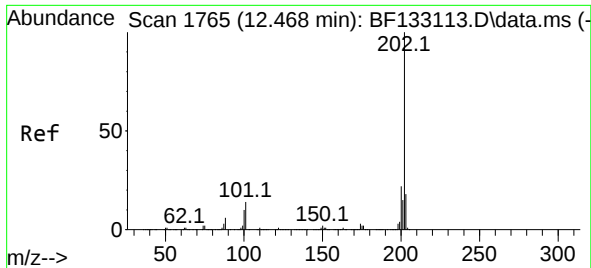
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#71
Phenanthrene
Concen: 3.424 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

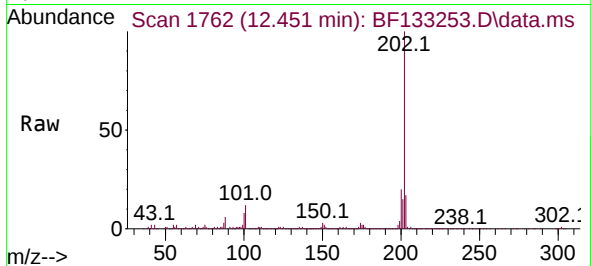
Tgt Ion:178 Resp: 93636
Ion Ratio Lower Upper
178 100
176 18.5 15.9 23.9
179 15.5 12.5 18.7





#75
Fluoranthene
Concen: 7.000 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

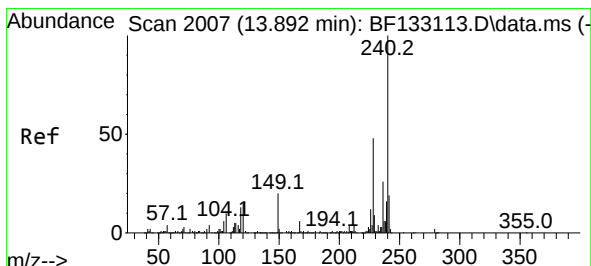
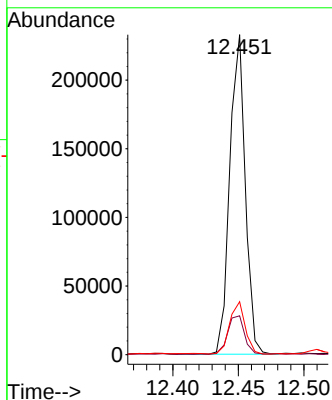
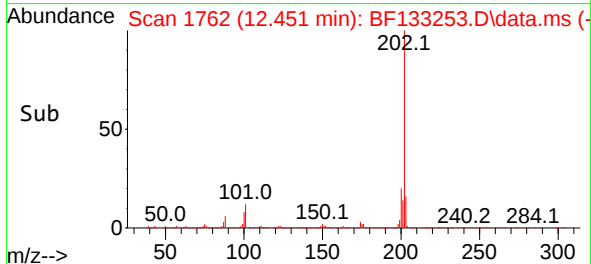
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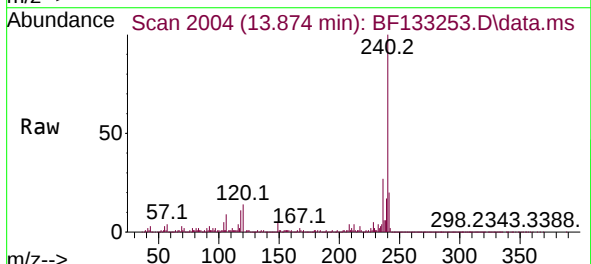
Tgt Ion:202 Resp: 192129
Ion Ratio Lower Upper
202 100
101 12.2 0.0 35.3
203 16.6 0.0 38.1

Manual Integrations
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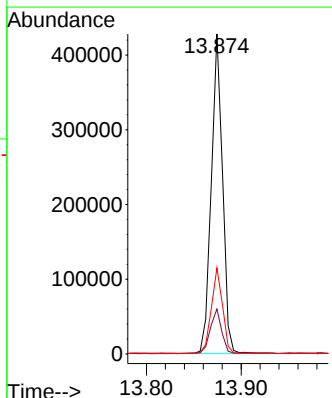
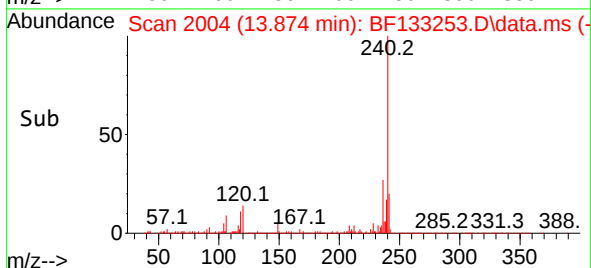
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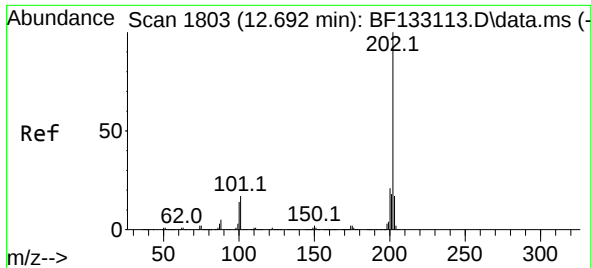


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46



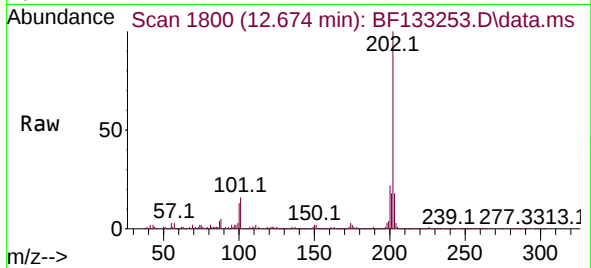
Tgt Ion:240 Resp: 351790
Ion Ratio Lower Upper
240 100
120 14.1 10.5 15.7
236 26.9 21.5 32.3





#78
Pyrene
Concen: 6.002 ng
RT: 12.674 min Scan# 1803
Delta R.T. -0.012 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

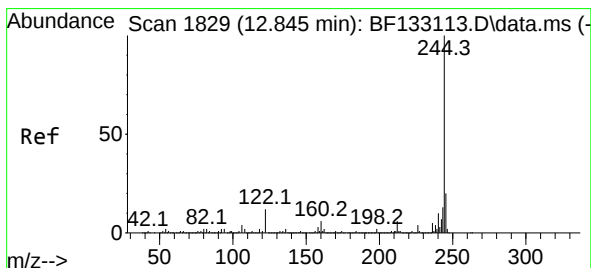
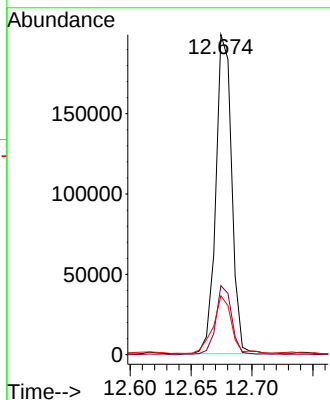
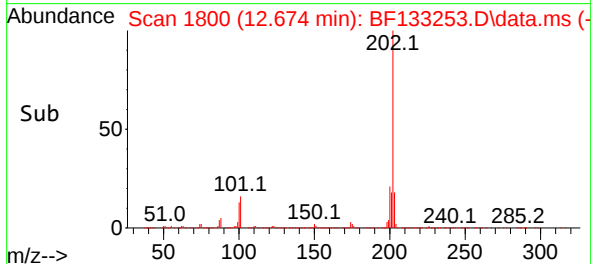
Instrument :
BNA_F
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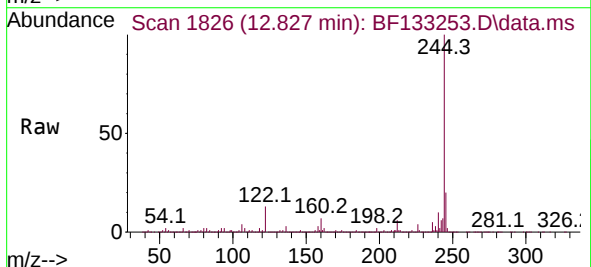
Tgt Ion:202 Resp: 180980
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 18.4 14.1 21.1

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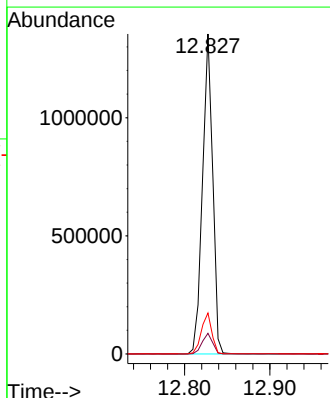
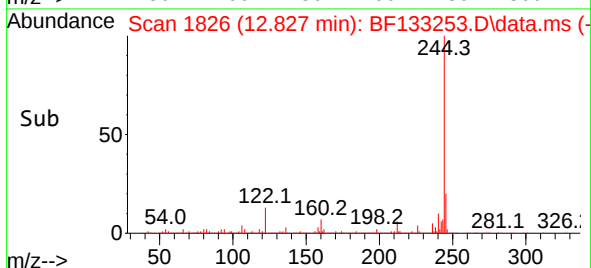
Reviewed By :Christian Giraldo 05/05/2023
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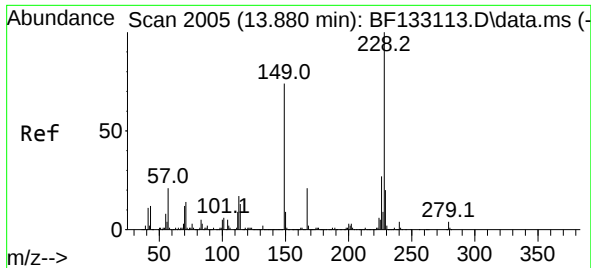


#79
Terphenyl-d14
Concen: 55.121 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46



Tgt Ion:244 Resp: 1124342
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 12.8 8.6 13.0





#81
Benzo(a)anthracene
Concen: 3.467 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

Instrument :

BNA_F

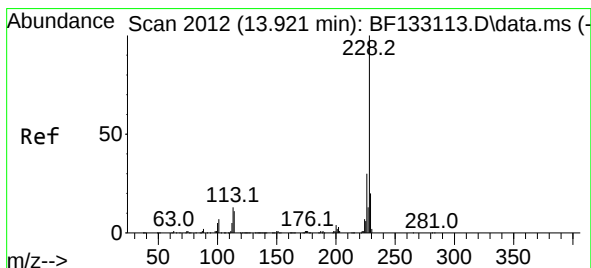
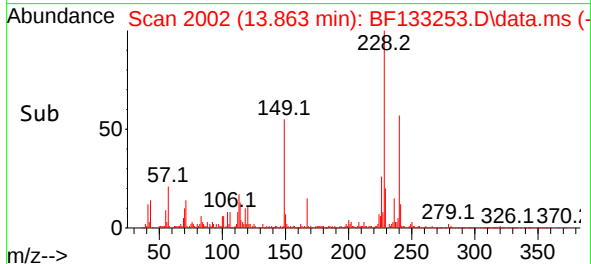
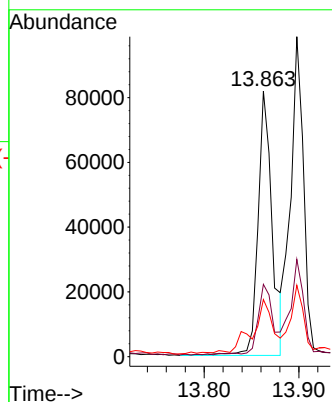
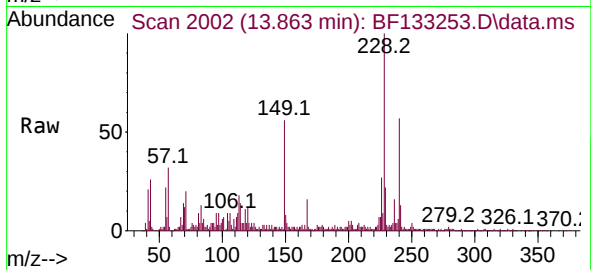
ClientSampleId :

ETGI-328

Tgt Ion:228 Resp: 83860
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 21.5 16.0 24.0

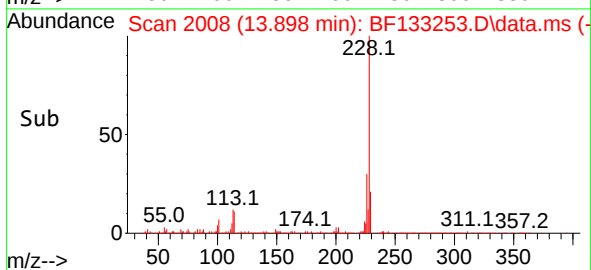
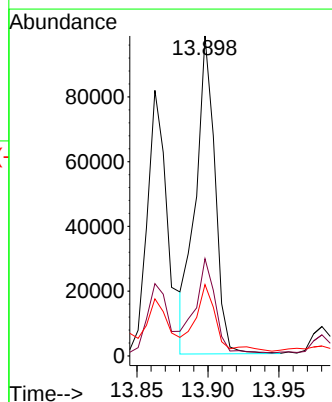
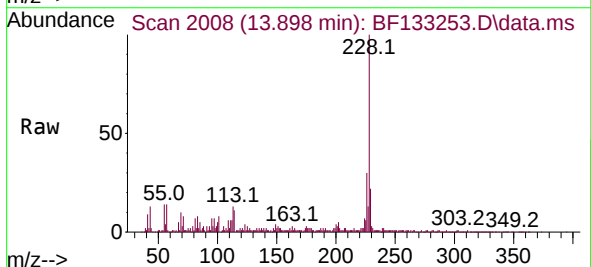
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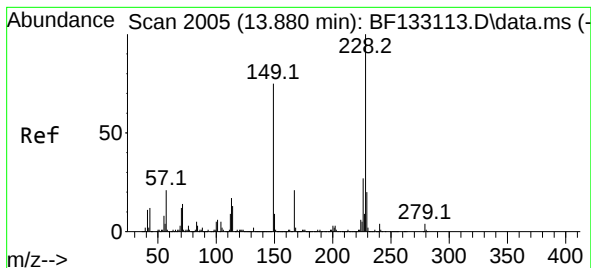
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#83
Chrysene
Concen: 3.875 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

Tgt Ion:228 Resp: 93730
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 22.3 16.1 24.1





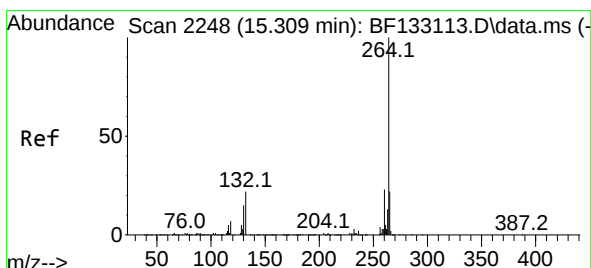
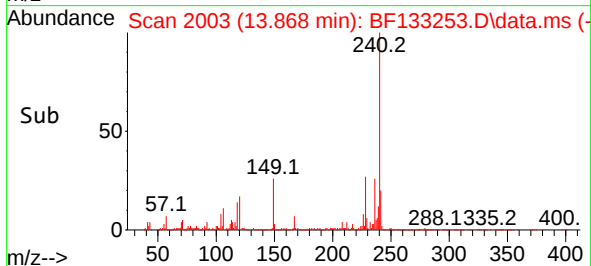
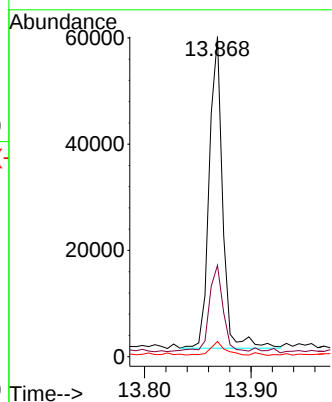
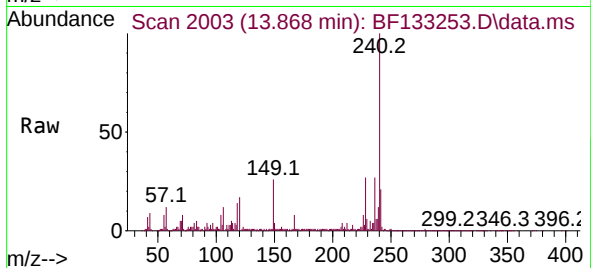
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.831 ng
RT: 13.868 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

Instrument :
BNA_F
ClientSampleId :
ETGI-328

Tgt Ion:149 Resp: 5134
Ion Ratio Lower Upper
149 100
167 28.5 22.5 33.7
279 4.7 4.2 6.4

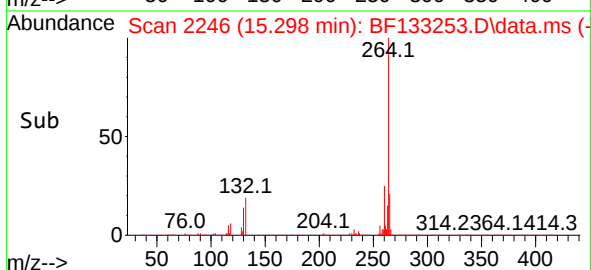
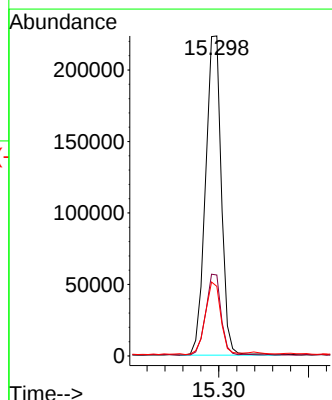
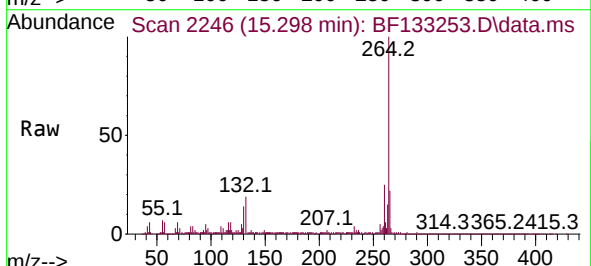
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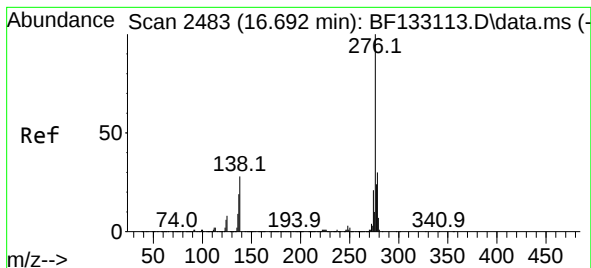
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. 0.000 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

Tgt Ion:264 Resp: 272742
Ion Ratio Lower Upper
264 100
260 25.3 18.8 28.2
265 21.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.102 ng

RT: 16.662 min Scan# 2483

Delta R.T. -0.012 min

Lab File: BF133253.D

Acq: 05 May 2023 02:46

Instrument :

BNA_F

ClientSampleId :

ETGI-328

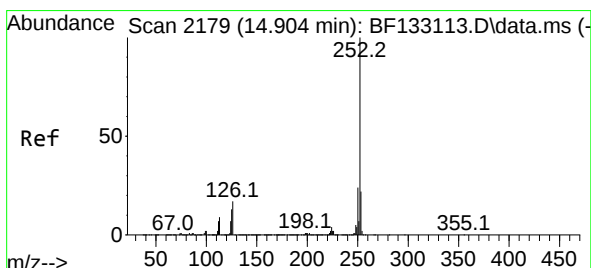
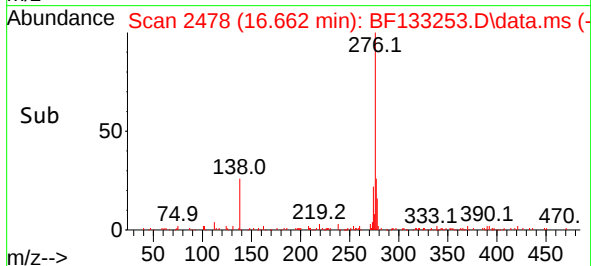
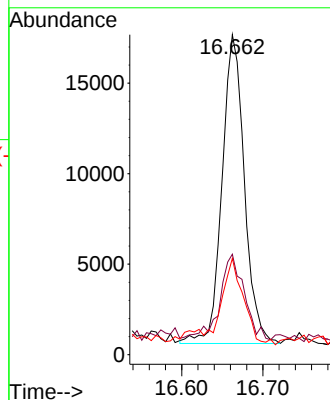
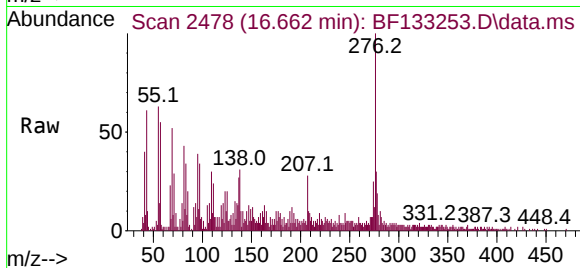
Tgt Ion:	276	Resp:	3260
Ion Ratio	Lower	Upper	
276	100		
138	30.5	25.5	38.3
277	25.1	20.4	30.6

Manual Integrations

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Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#88

Benzo(b)fluoranthene

Concen: 5.398 ng m

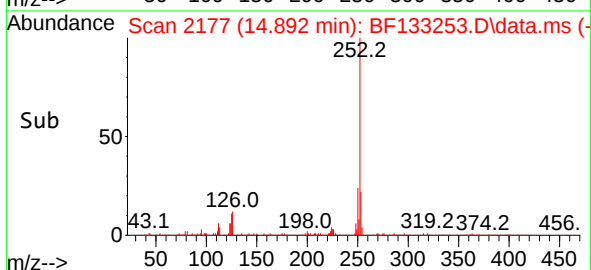
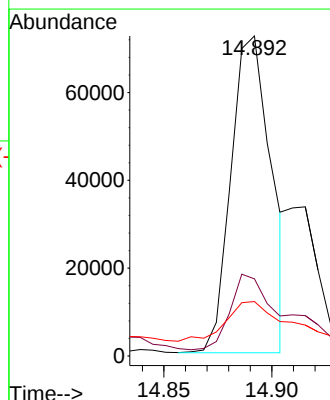
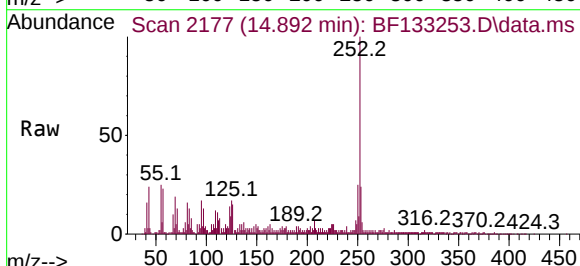
RT: 14.892 min Scan# 2177

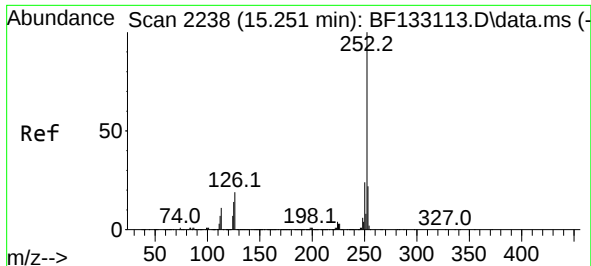
Delta R.T. -0.006 min

Lab File: BF133253.D

Acq: 05 May 2023 02:46

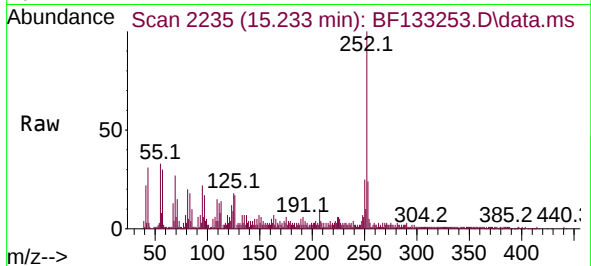
Tgt Ion:	252	Resp:	93661
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.6	26.4
125	17.0	8.9	13.3





#90
Benzo(a)pyrene
Concen: 3.277 ng
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

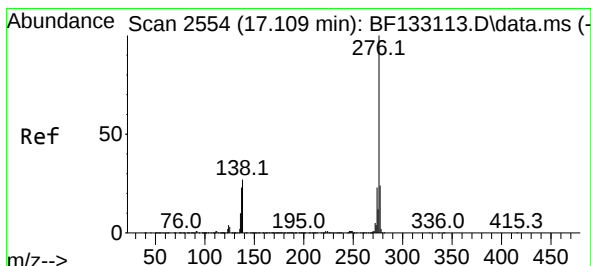
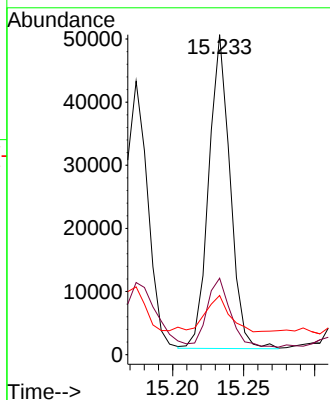
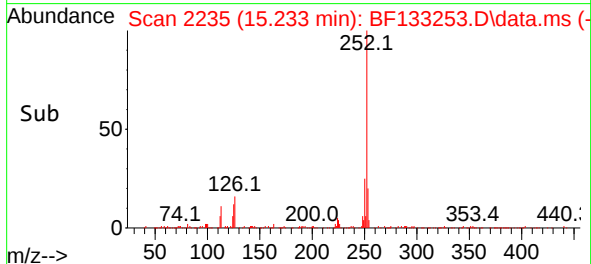
Instrument :
BNA_F
ClientSampleId :
ETGI-328



Tgt Ion:252 Resp: 5176
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 18.5 10.5 15.7

Manual Integrations
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Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#92
Benzo(g,h,i)perylene
Concen: 2.634 ng
RT: 17.074 min Scan# 2548
Delta R.T. -0.018 min
Lab File: BF133253.D
Acq: 05 May 2023 02:46

Tgt Ion:276 Resp: 33653
Ion Ratio Lower Upper
276 100
277 25.0 19.4 29.0
138 32.3 22.7 34.1

