

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129259.D
 Acq On : 16 Jul 2022 02:17
 Operator : CG\JU
 Sample : N3716-05 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-290

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 16 02:43:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	293479	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1045151	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	397510	20.000	ng	0.01
64) Phenanthrene-d10	11.463	188	447445	20.000	ng	# 0.04
76) Chrysene-d12	14.098	240	523600	20.000	ng	# 0.02
86) Perylene-d12	15.580	264	457939	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	48099	2.617	ng	0.00
7) Phenol-d6	6.522	99	92668	3.899	ng	0.00
23) Nitrobenzene-d5	7.457	82	54354	2.780	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	18764	5.086	ng	0.01
45) 2-Fluorobiphenyl	9.257	172	123777	5.275	ng	0.00
79) Terphenyl-d14	13.051	244	98720	3.527	ng	0.04
Target Compounds						Qvalue
71) Phenanthrene	11.492	178	96258	4.237	ng	# 1
75) Fluoranthene	12.692	202	219006	9.680	ng	80
78) Pyrene	12.921	202	218351	5.149	ng	# 86
81) Benzo(a)anthracene	14.086	228	124014	3.755	ng	# 91
83) Chrysene	14.121	228	146396	4.644	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.080	276	74167	2.597	ng	100
88) Benzo(b)fluoranthene	15.139	252	197037m	7.004	ng	
89) Benzo(k)fluoranthene	15.162	252	59814m	2.176	ng	
90) Benzo(a)pyrene	15.510	252	83247	3.635	ng	# 82
92) Benzo(g,h,i)perylene	17.539	276	72941	3.089	ng	95

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

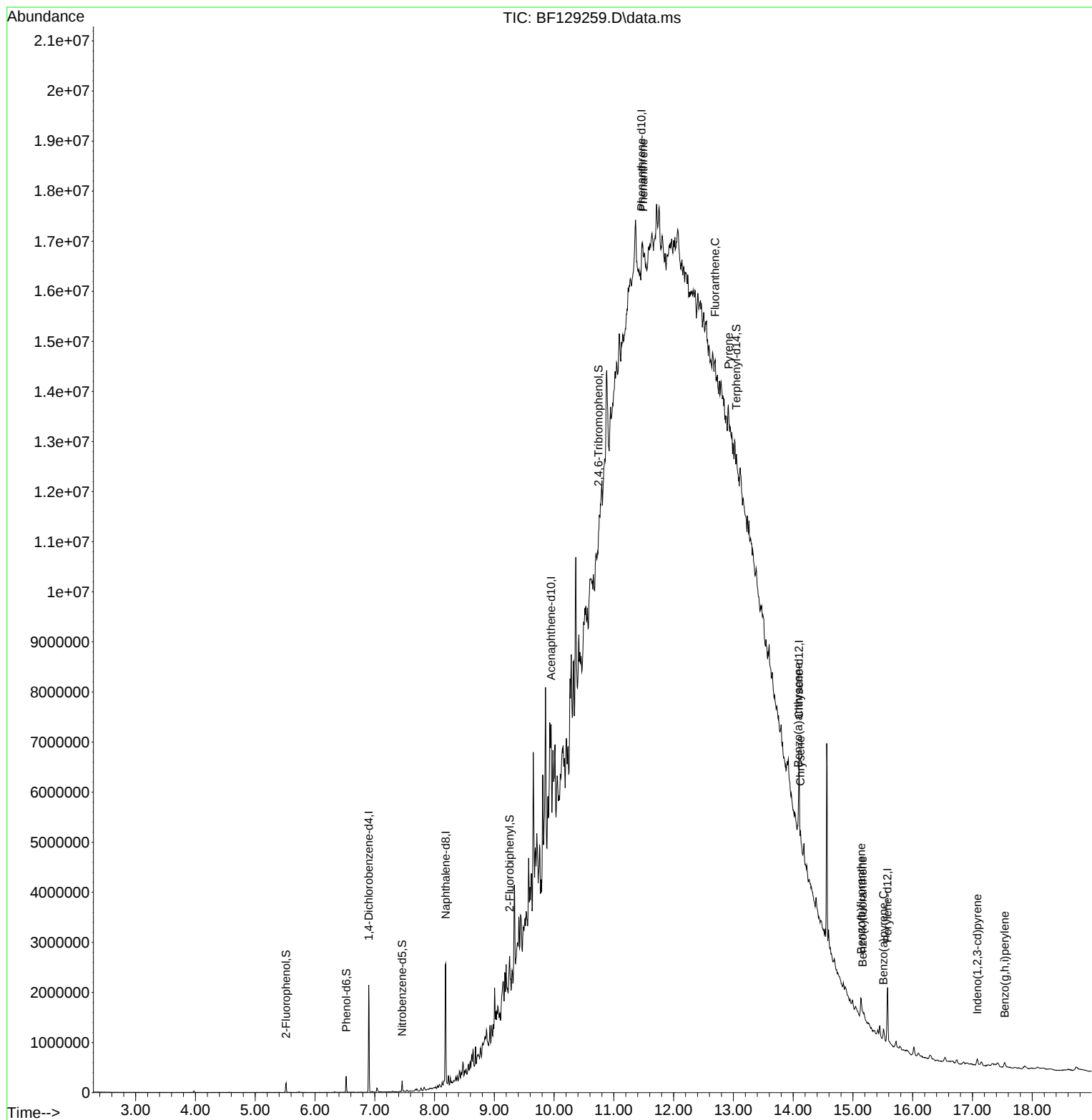
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129259.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

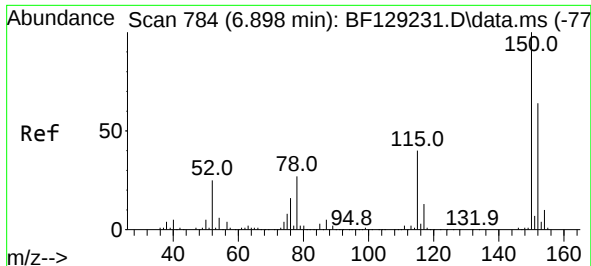
Instrument :
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ClientSampleId :
ETGI-290

Quant Time: Jul 16 02:43:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
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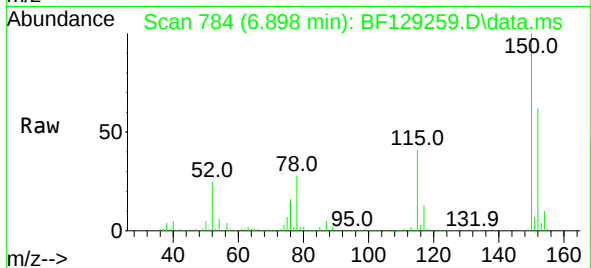
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Supervised By : Jagrut Upadhyay 07/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

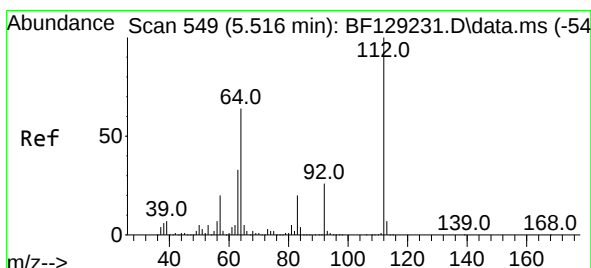
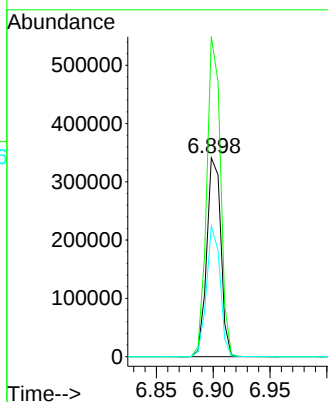
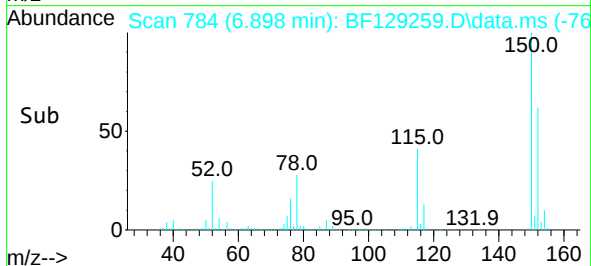
Instrument :
BNA_F
ClientSampleId :
ETGI-290



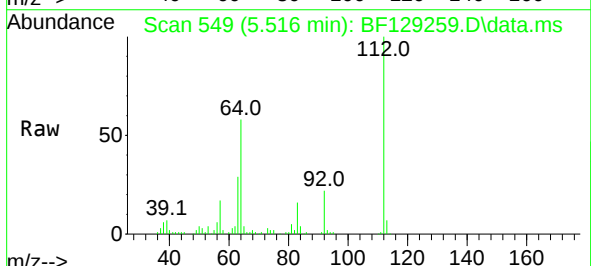
Tgt Ion:152 Resp: 293479
Ion Ratio Lower Upper
152 100
150 160.9 123.7 185.5
115 65.5 49.9 74.9

Manual Integrations
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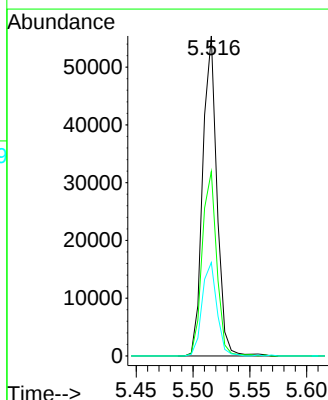
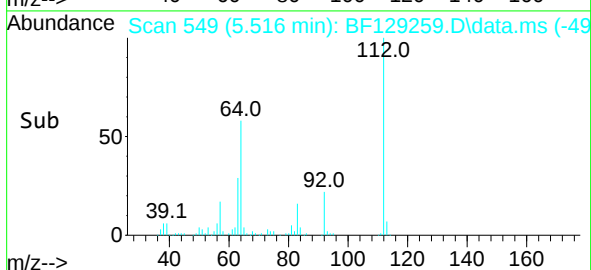
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

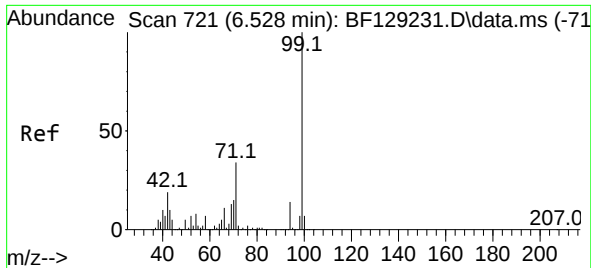


#5
2-Fluorophenol
Concen: 2.617 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17



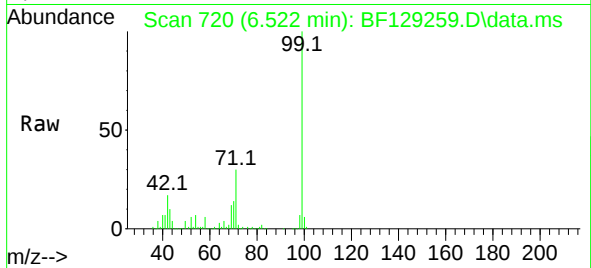
Tgt Ion:112 Resp: 48099
Ion Ratio Lower Upper
112 100
64 57.6 53.3 79.9
63 29.2 28.0 42.0





#7
Phenol-d6
Concen: 3.899 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

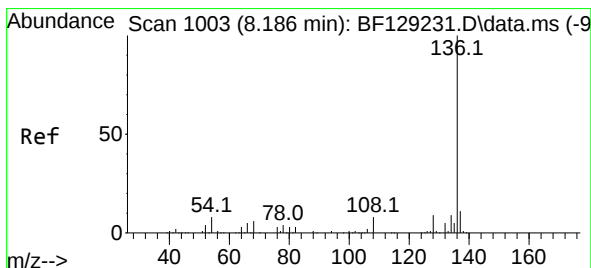
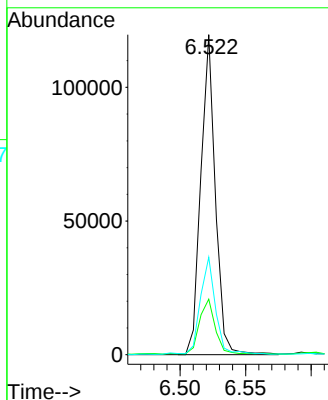
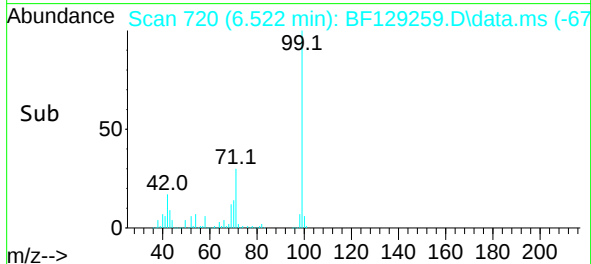
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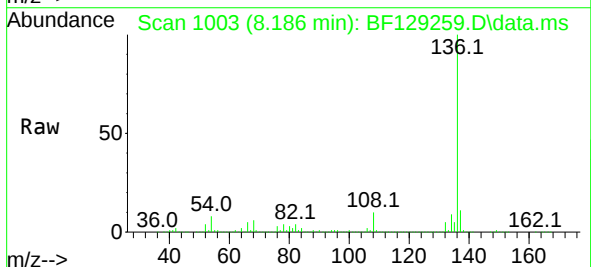
Tgt Ion: 99 Resp: 9266
Ion Ratio Lower Upper
99 100
42 17.3 17.3 25.9
71 30.4 28.9 43.3

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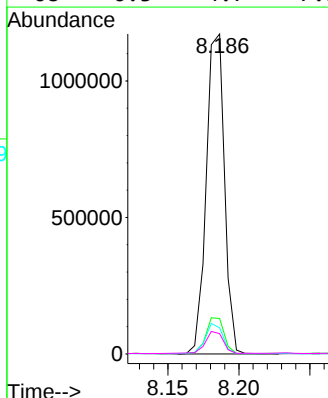
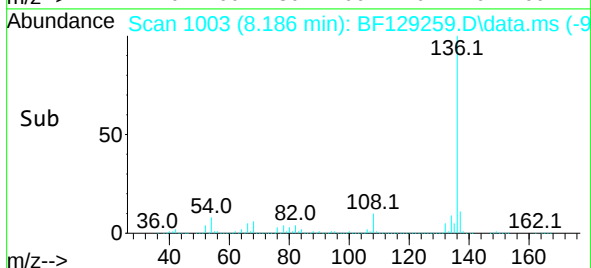
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

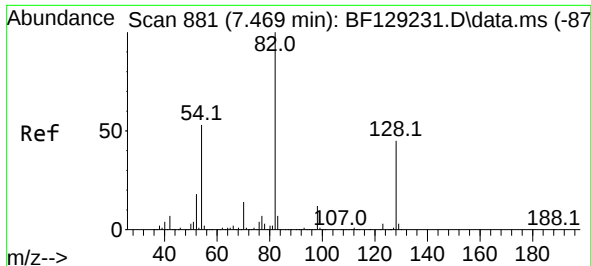


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17



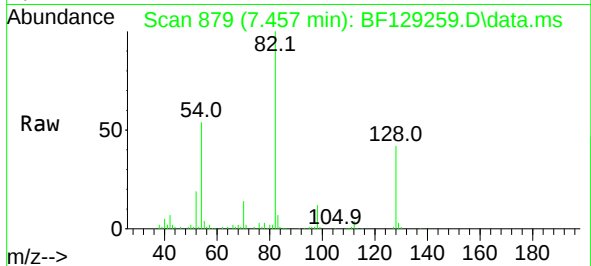
Tgt Ion:136 Resp: 1045151
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.2 7.5 11.3
68 6.3 4.7 7.1





#23
Nitrobenzene-d5
Concen: 2.780 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

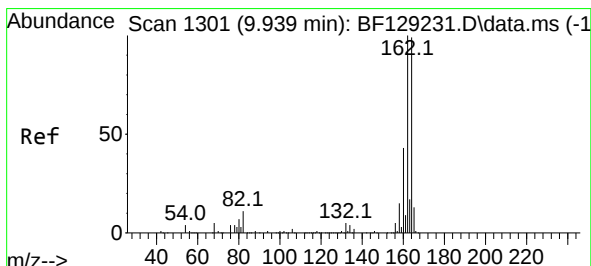
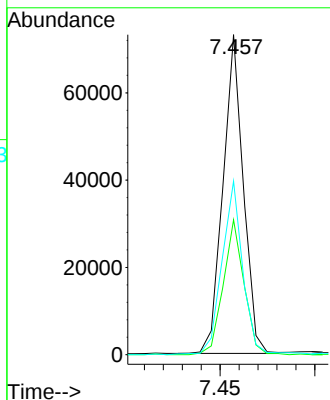
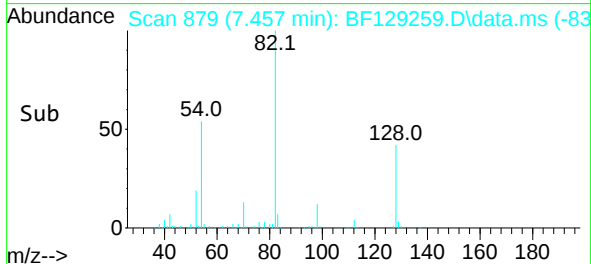
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 54354
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 54.3 46.9 70.3

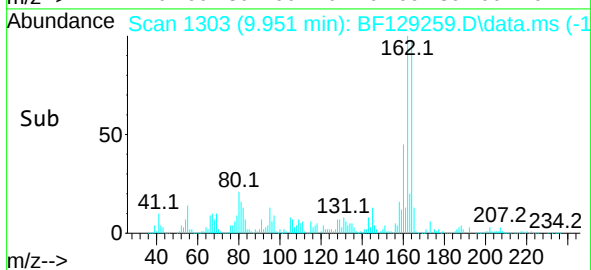
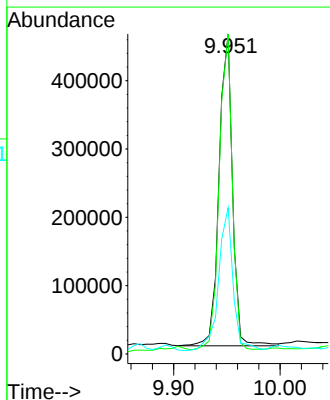
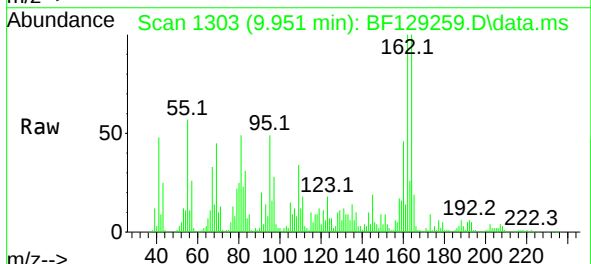
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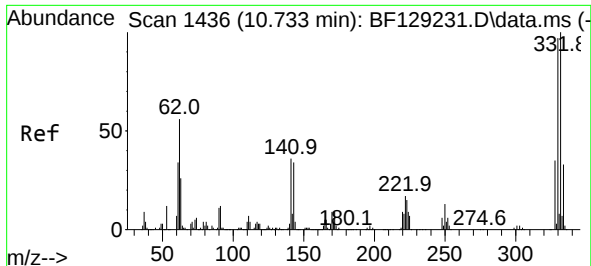
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1303
Delta R.T. 0.012 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

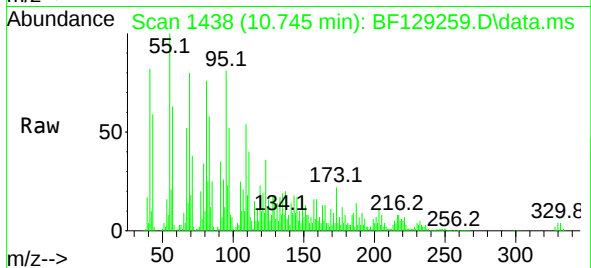
Tgt Ion:164 Resp: 397510
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 45.7 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 5.086 ng
RT: 10.745 min Scan# 1438
Delta R.T. 0.012 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

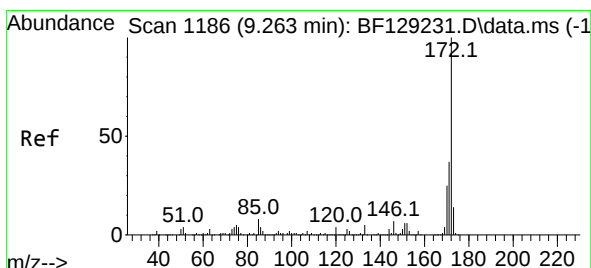
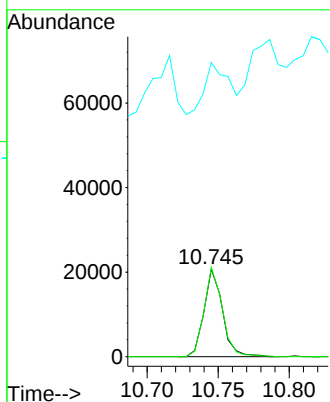
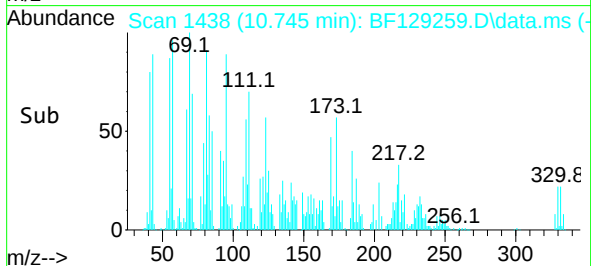
Instrument :
BNA_F
ClientSampleId :
ETGI-290



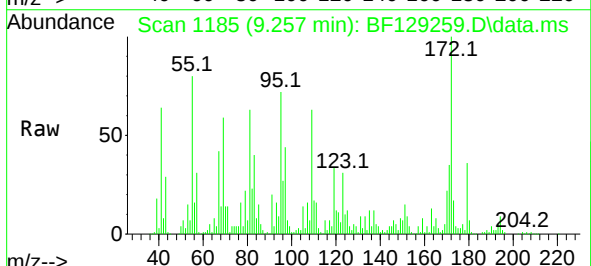
Tgt Ion: 330 Resp: 18764
Ion Ratio Lower Upper
330 100
332 100.5 76.8 115.2
141 78.1 28.0 42.0

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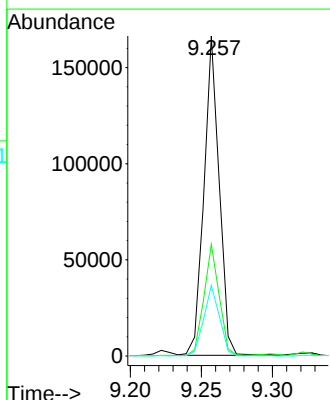
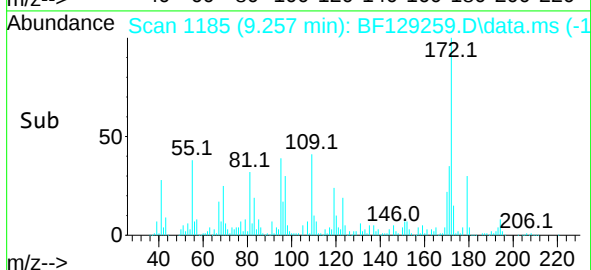
Reviewed By : Christian Giraldo 07/18/2022
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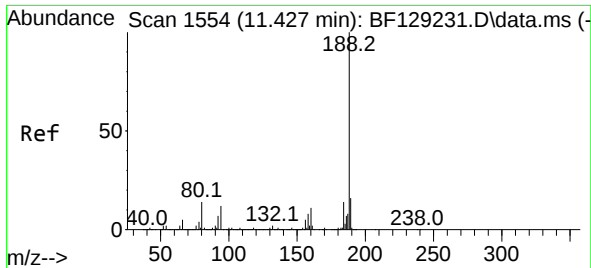


#45
2-Fluorobiphenyl
Concen: 5.275 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17



Tgt Ion: 172 Resp: 123777
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 22.0 19.8 29.8





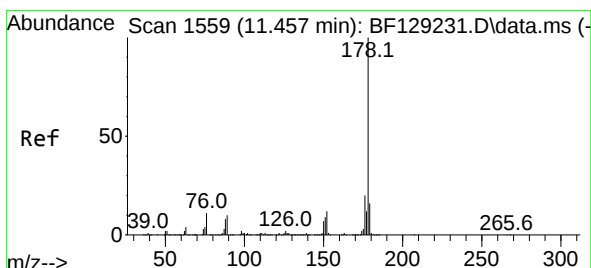
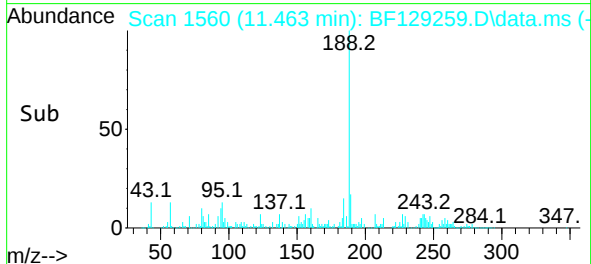
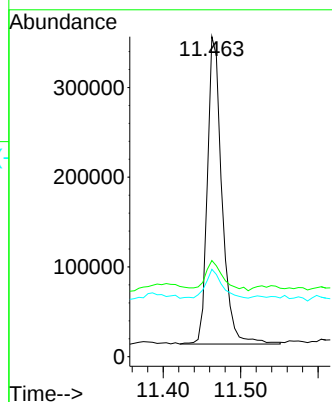
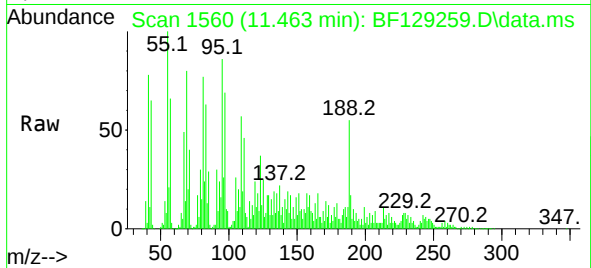
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.035 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

Instrument :
BNA_F
ClientSampleId :
ETGI-290

Tgt Ion:188 Resp: 447445
Ion Ratio Lower Upper
188 100
94 30.1 7.0 10.6
80 27.3 7.6 11.4

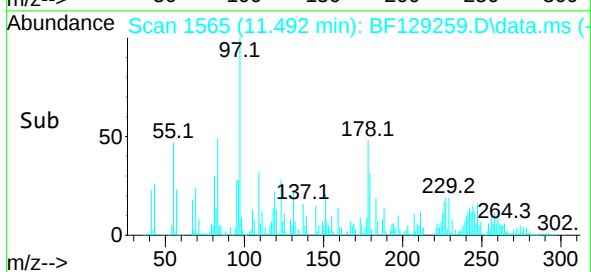
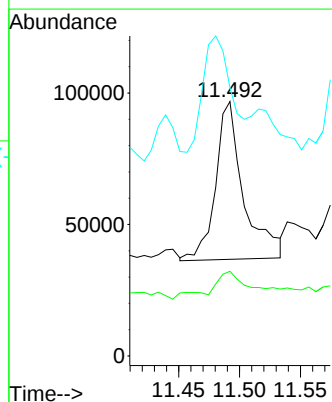
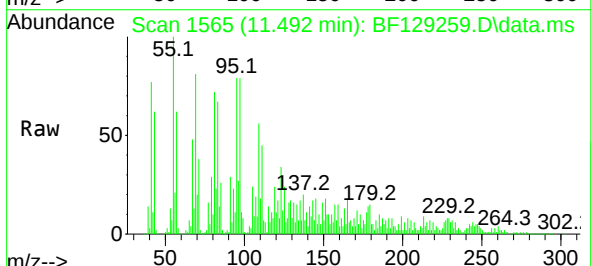
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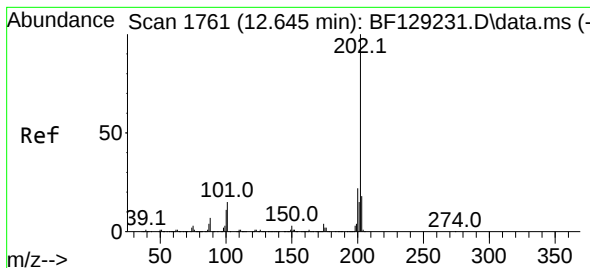
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#71
Phenanthrene
Concen: 4.237 ng
RT: 11.492 min Scan# 1565
Delta R.T. 0.035 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

Tgt Ion:178 Resp: 96258
Ion Ratio Lower Upper
178 100
176 33.3 16.0 24.0#
179 105.5 12.6 19.0#





#75

Fluoranthene

Concen: 9.680 ng

RT: 12.692 min Scan# 11

Delta R.T. 0.047 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

Instrument :

BNA_F

ClientSampleId :

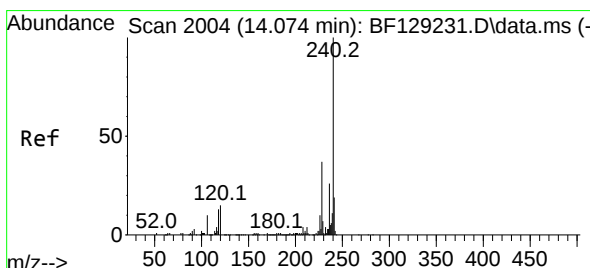
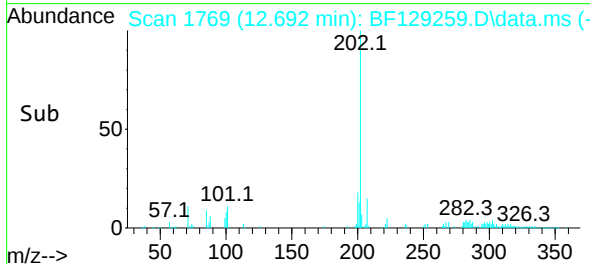
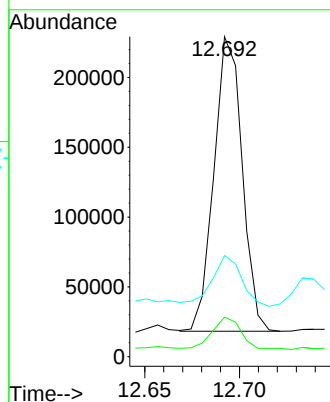
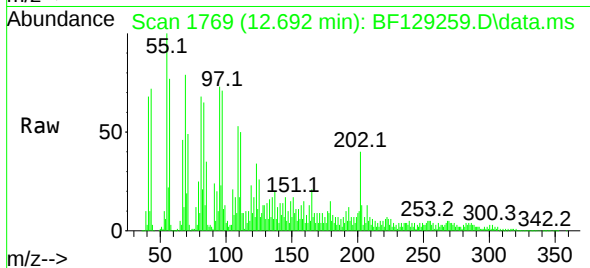
ETGI-290

Tgt Ion:202 Resp: 219000
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 31.4
 203 31.6 0.0 38.0

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#76

Chrysene-d12

Concen: 20.000 ng

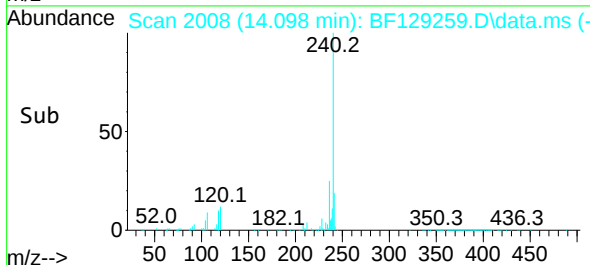
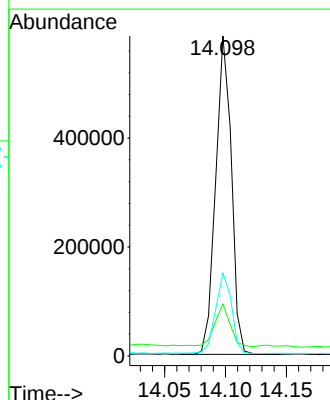
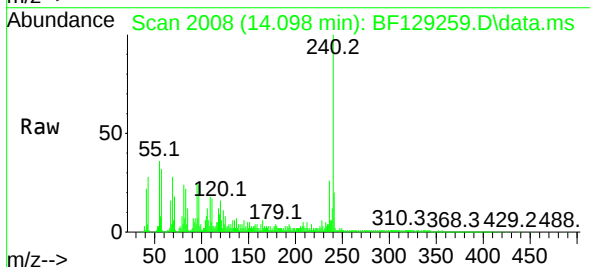
RT: 14.098 min Scan# 2008

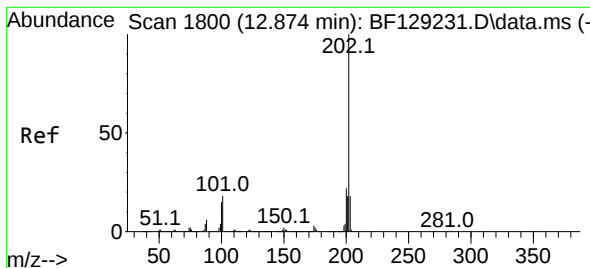
Delta R.T. 0.023 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

Tgt Ion:240 Resp: 523600
 Ion Ratio Lower Upper
 240 100
 120 16.3 8.9 13.3#
 236 25.9 20.8 31.2





#78

Pyrene

Concen: 5.149 ng

RT: 12.921 min Scan# 1808

Delta R.T. 0.047 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

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BNA_F

ClientSampleId :

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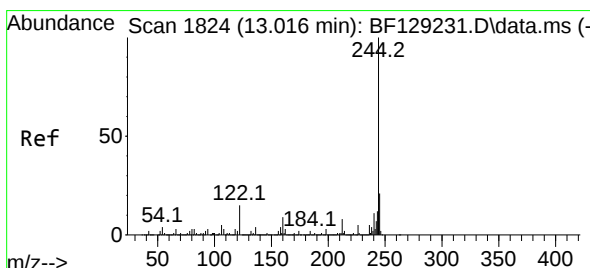
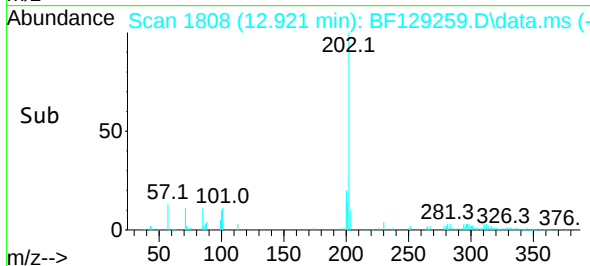
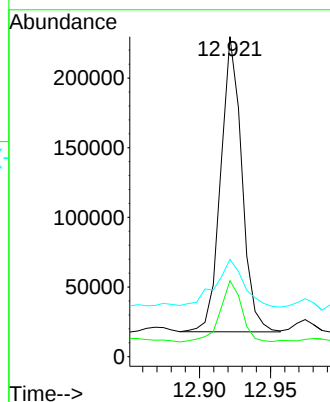
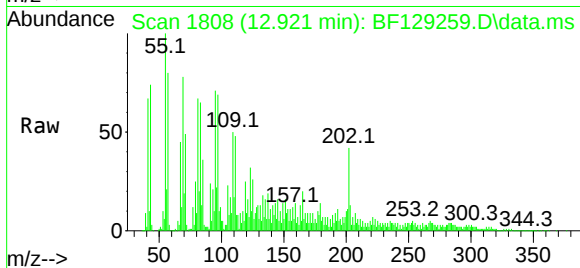
Tgt Ion:202 Resp: 21835
 Ion Ratio Lower Upper
 202 100
 200 23.8 17.7 26.5
 203 30.4 14.6 21.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/18/2022



#79

Terphenyl-d14

Concen: 3.527 ng

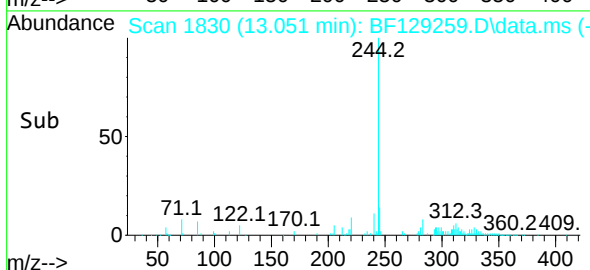
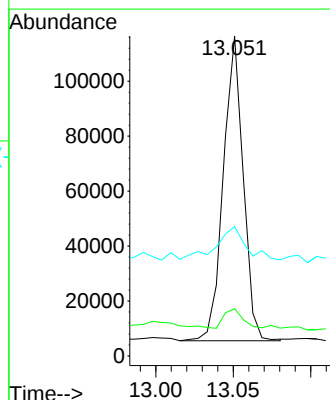
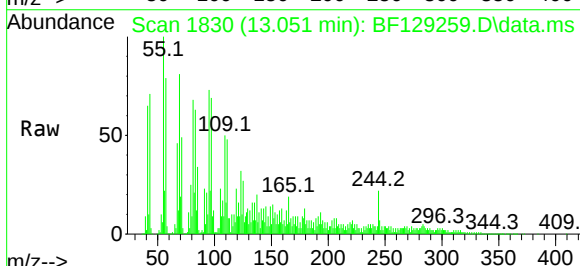
RT: 13.051 min Scan# 1830

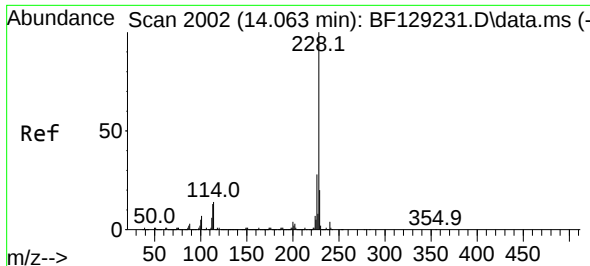
Delta R.T. 0.035 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

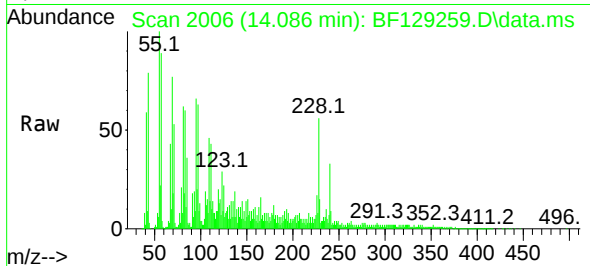
Tgt Ion:244 Resp: 98720
 Ion Ratio Lower Upper
 244 100
 212 14.8 6.1 9.1#
 122 40.5 8.8 13.2#





#81
Benzo(a)anthracene
Concen: 3.755 ng
RT: 14.086 min Scan# 2006
Delta R.T. 0.024 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

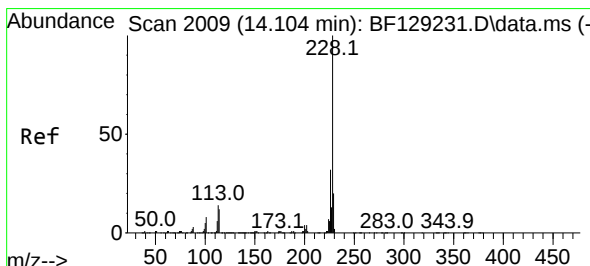
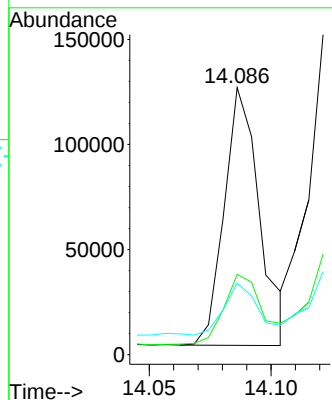
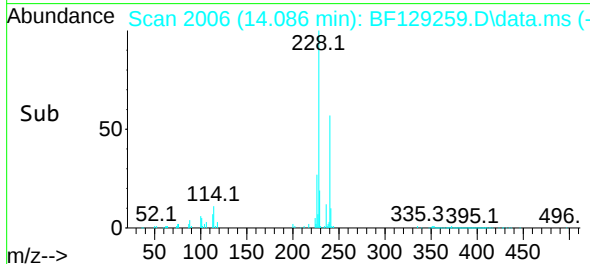
Instrument :
BNA_F
Client SampleId :
ETGI-290



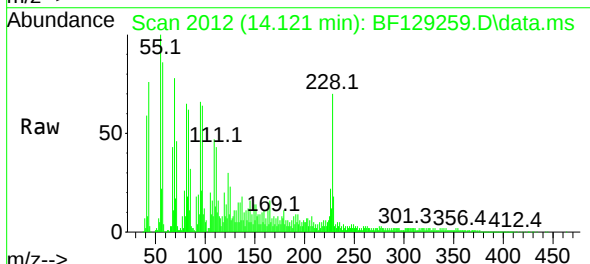
Tgt Ion:228 Resp: 124014
Ion Ratio Lower Upper
228 100
226 30.1 22.1 33.1
229 26.8 15.8 23.8

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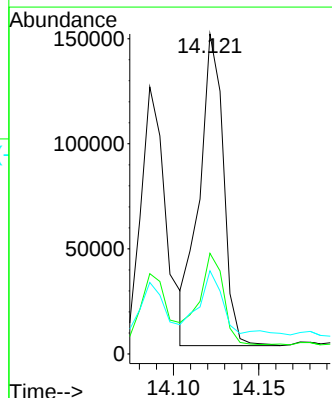
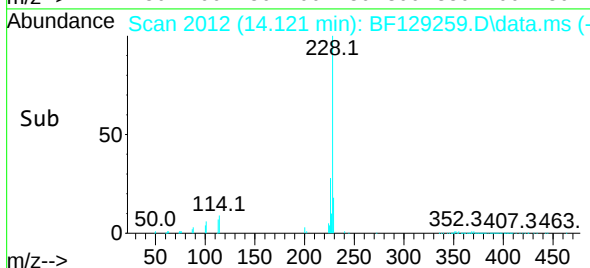
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

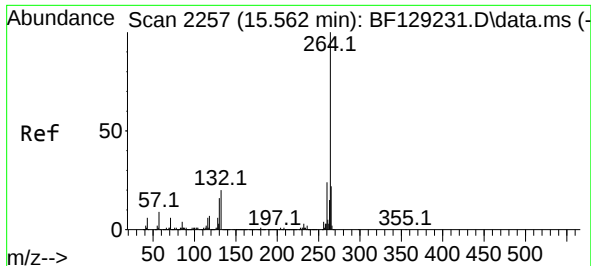


#83
Chrysene
Concen: 4.644 ng
RT: 14.121 min Scan# 2012
Delta R.T. 0.018 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17



Tgt Ion:228 Resp: 146396
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 26.0 15.9 23.9





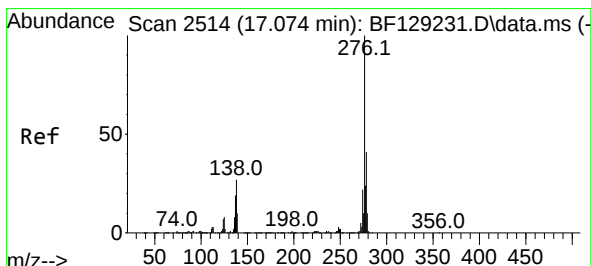
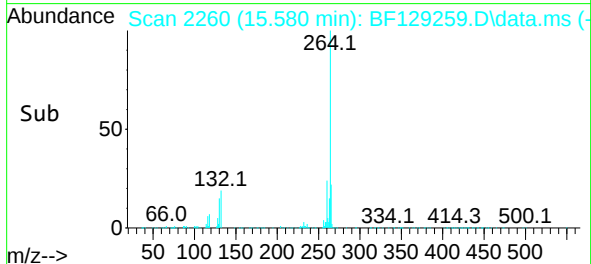
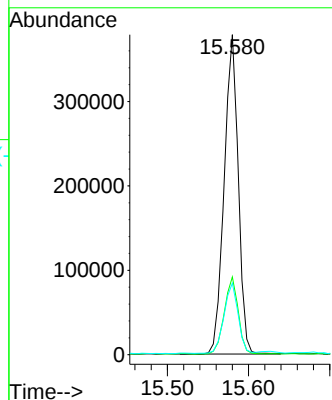
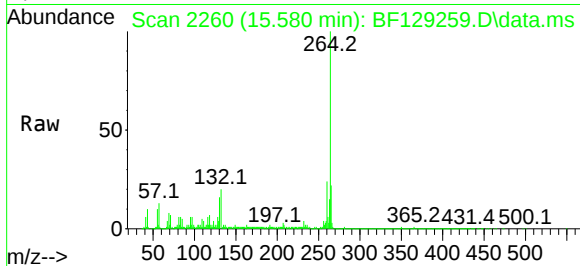
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

Instrument :
BNA_F
ClientSampleId :
ETGI-290

Tgt Ion:264 Resp: 457939
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 22.4 17.2 25.8

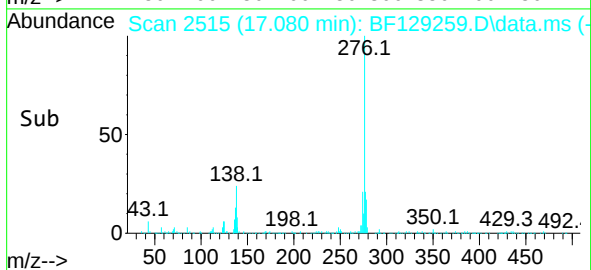
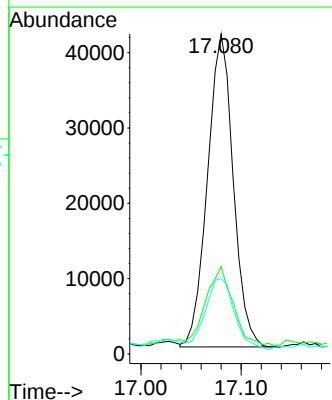
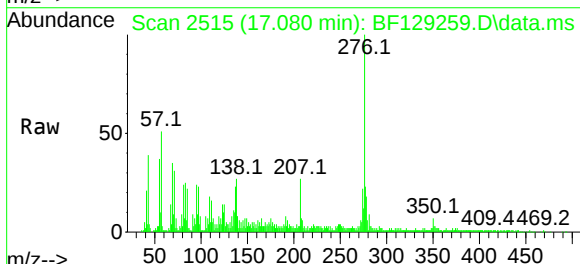
Manual Integrations
APPROVED

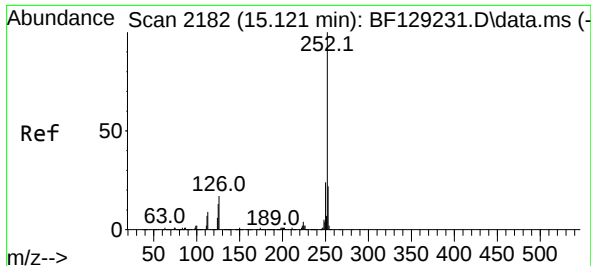
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.597 ng
RT: 17.080 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

Tgt Ion:276 Resp: 74167
Ion Ratio Lower Upper
276 100
138 26.3 21.1 31.7
277 25.5 20.3 30.5





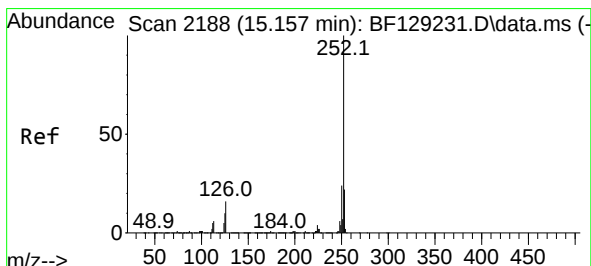
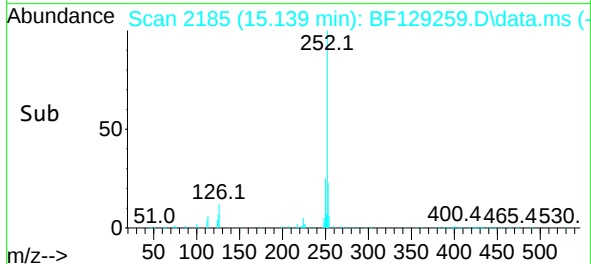
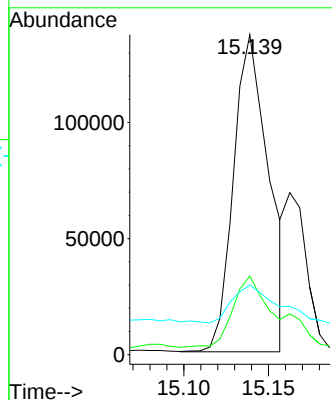
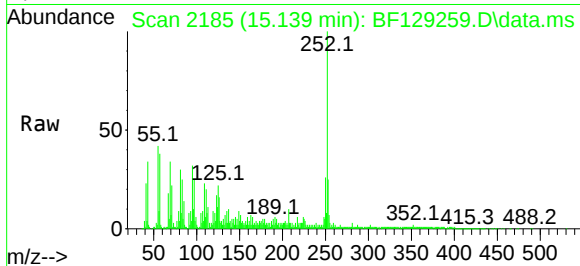
#88
Benzo(b)fluoranthene
Concen: 7.004 ng m
RT: 15.139 min Scan# 2182
Delta R.T. 0.018 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

Instrument :
BNA_F
ClientSampleId :
ETGI-290

Tgt Ion:252 Resp: 19703
Ion Ratio Lower Upper
252 100
253 24.6 17.7 26.5
125 21.7 8.0 12.0

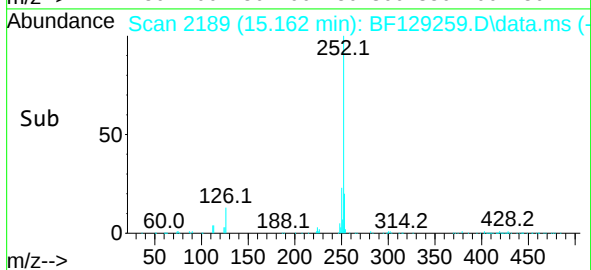
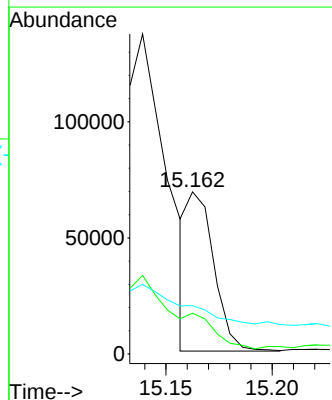
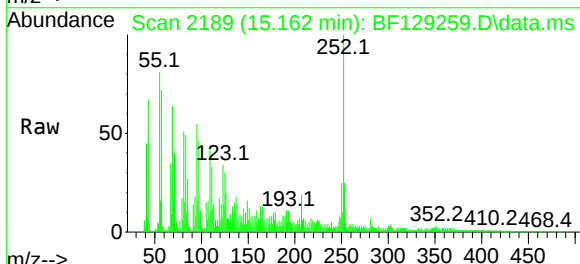
Manual Integrations
APPROVED

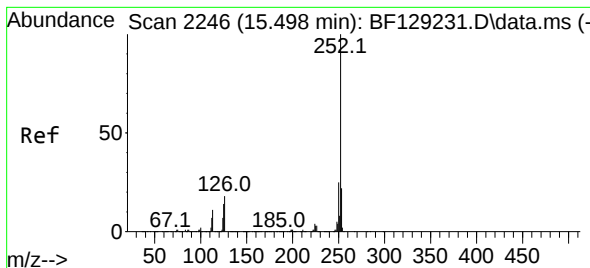
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#89
Benzo(k)fluoranthene
Concen: 2.176 ng m
RT: 15.162 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

Tgt Ion:252 Resp: 59814
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.6
125 29.8 8.3 12.5





#90

Benzo(a)pyrene

Concen: 3.635 ng

RT: 15.510 min Scan# 2248

Delta R.T. 0.012 min

Lab File: BF129259.D

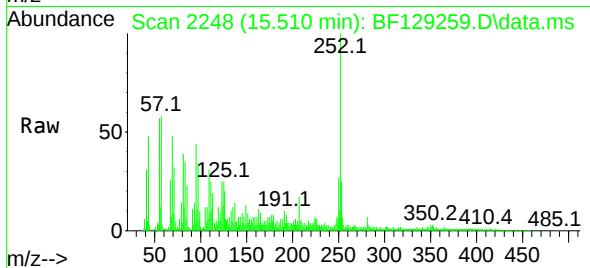
Acq: 16 Jul 2022 02:17

Instrument :

BNA_F

ClientSampleId :

ETGI-290



Tgt Ion: 252 Resp: 8324

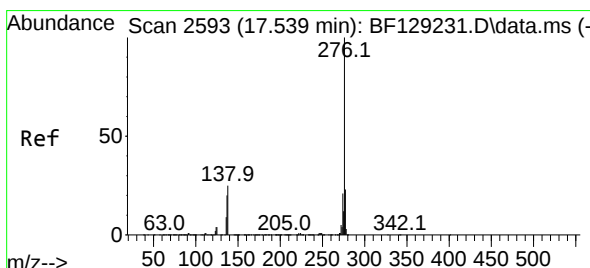
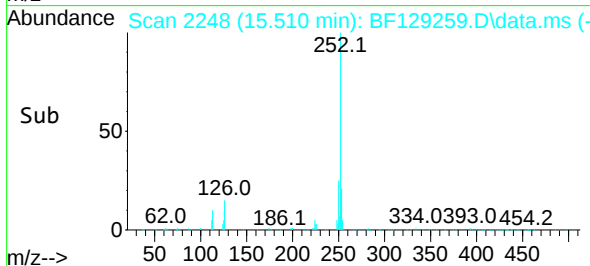
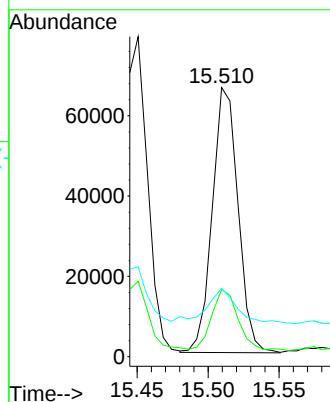
Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	25.5	8.8	13.2

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/18/2022

Supervised By : Jagrut Upadhyay 07/18/2022



#92

Benzo(g,h,i)perylene

Concen: 3.089 ng

RT: 17.539 min Scan# 2593

Delta R.T. -0.000 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

Tgt Ion: 276 Resp: 72941

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.1	28.7
138	24.8	18.0	27.0

