

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127815.D
 Acq On : 15 Apr 2022 20:50
 Operator : CG\JU
 Sample : N2390-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-1-041422

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/18/2022
 Supervised By : Jagrut Upadhyay 04/18/2022

Quant Time: Apr 18 01:27:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	168094	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	560222	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	272903	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	447136	20.000	ng	-0.01
76) Chrysene-d12	14.133	240	345060	20.000	ng	-0.01
86) Perylene-d12	15.651	264	265918	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	137187	13.261	ng	-0.02
7) Phenol-d6	6.563	99	164795	12.177	ng	-0.02
23) Nitrobenzene-d5	7.504	82	108545	8.638	ng	-0.02
42) 2,4,6-Tribromophenol	10.781	330	35340	12.169	ng	-0.02
45) 2-Fluorobiphenyl	9.304	172	201123	10.426	ng	-0.02
79) Terphenyl-d14	13.069	244	191646	9.167	ng	-0.01
Target Compounds						Qvalue
58) Fluorene	10.539	166	42114	2.457	ng	97
71) Phenanthrene	11.510	178	315994	13.338	ng	99
72) Anthracene	11.557	178	100461	4.287	ng	100
75) Fluoranthene	12.698	202	445884	17.248	ng	99
78) Pyrene	12.933	202	414200	14.215	ng	100
81) Benzo(a)anthracene	14.121	228	183740	7.973	ng	95
83) Chrysene	14.157	228	161546	7.302	ng	96
87) Indeno(1,2,3-cd)pyrene	17.198	276	63877	3.845	ng	98
88) Benzo(b)fluoranthene	15.198	252	166578m	9.738	ng	
89) Benzo(k)fluoranthene	15.221	252	54198m	3.194	ng	
90) Benzo(a)pyrene	15.580	252	125247	9.008	ng	# 96
92) Benzo(g,h,i)perylene	17.668	276	61674	4.469	ng	96

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

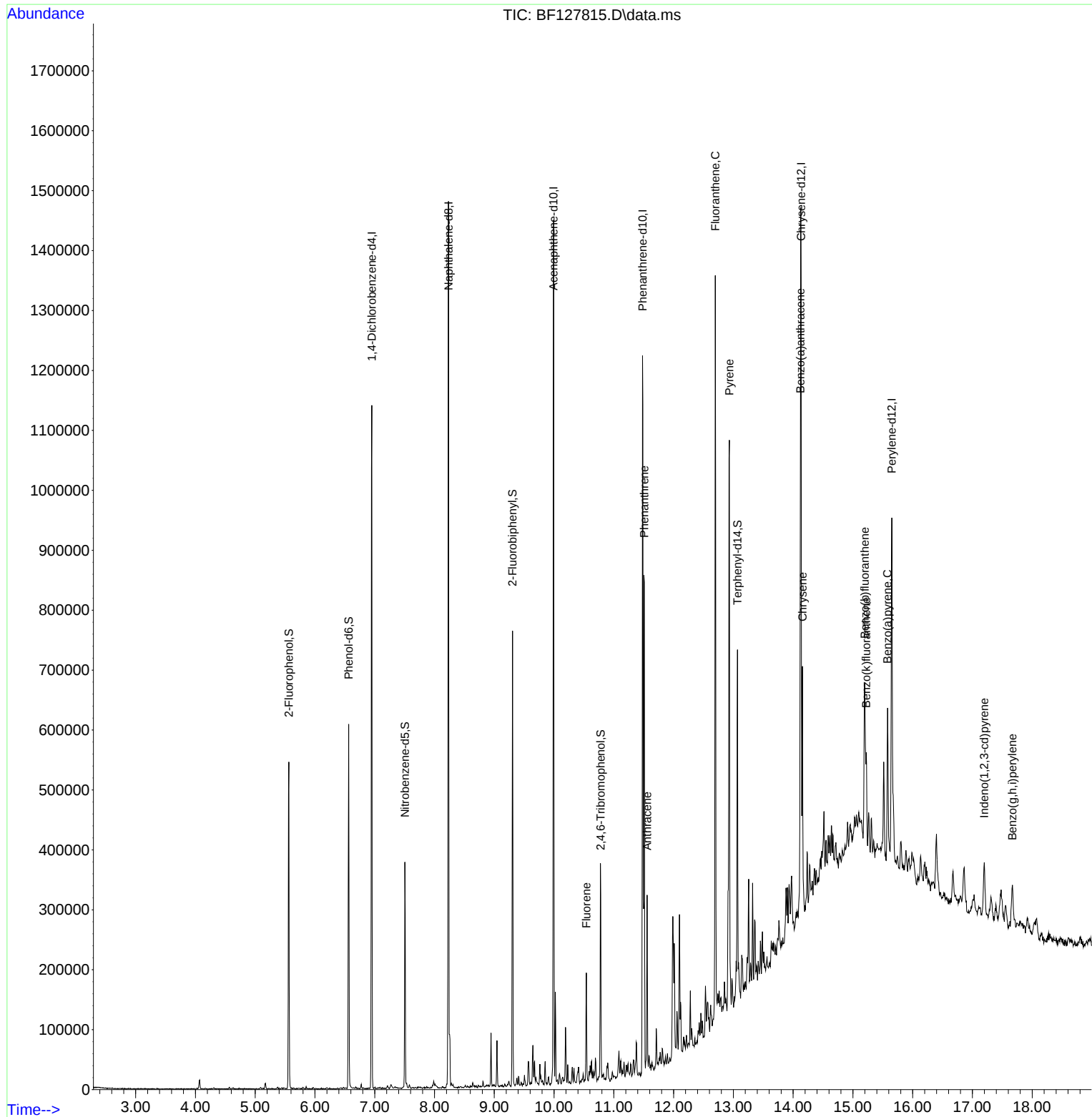
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127815.D
Acq On : 15 Apr 2022 20:50
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Sample : N2390-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

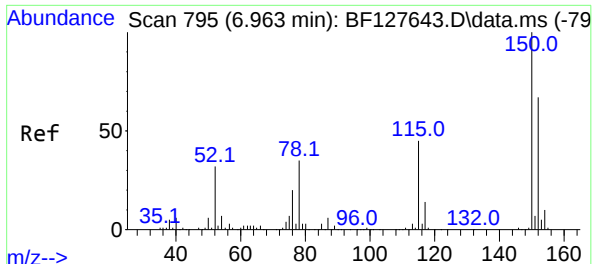
Instrument :
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Quant Time: Apr 18 01:27:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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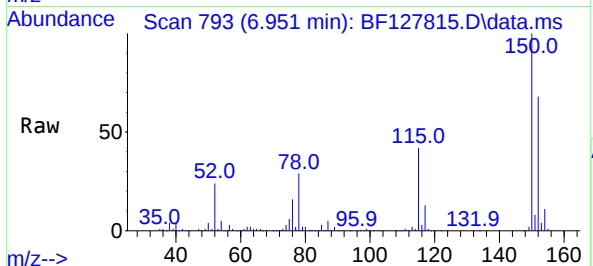
Reviewed By : Christian Giraldo 04/18/2022
Supervised By : Jagrut Upadhyay 04/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

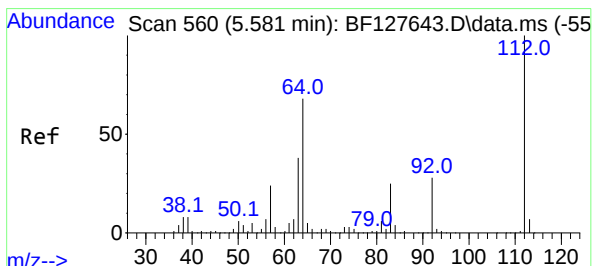
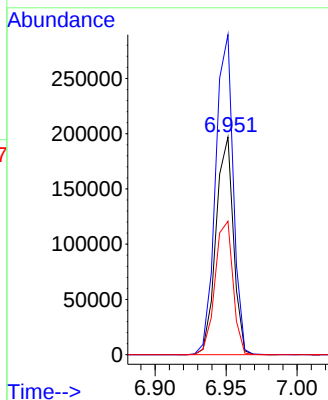
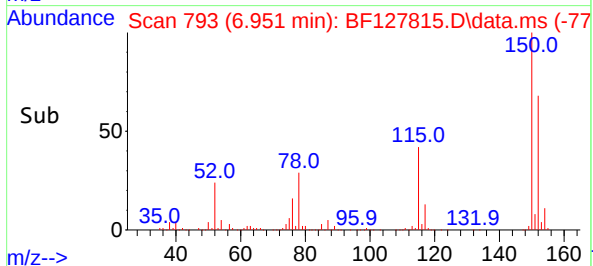
Instrument :
BNA_F
ClientSampleId :
CL-1-041422



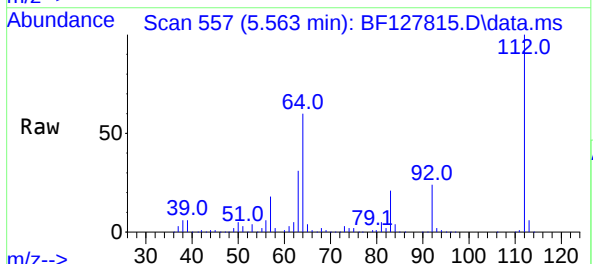
Tgt Ion:152 Resp: 168094
Ion Ratio Lower Upper
152 100
150 147.1 117.2 175.8
115 61.3 49.8 74.6

Manual Integrations
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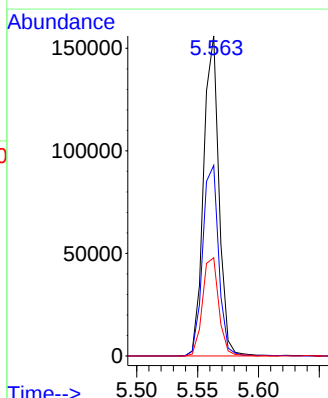
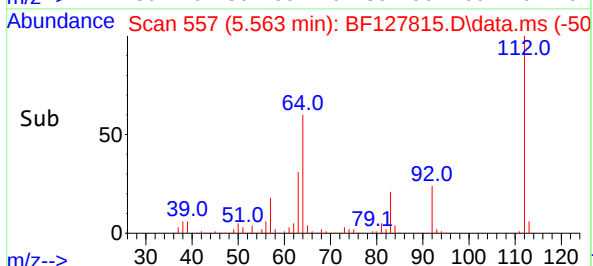
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

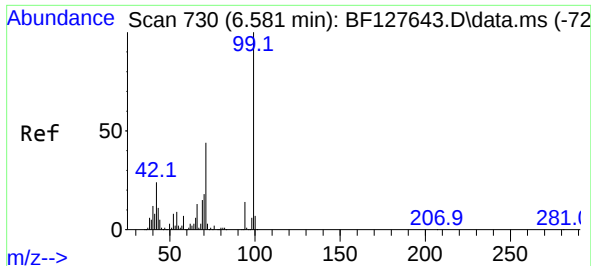


#5
2-Fluorophenol
Concen: 13.261 ng
RT: 5.563 min Scan# 557
Delta R.T. -0.018 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50



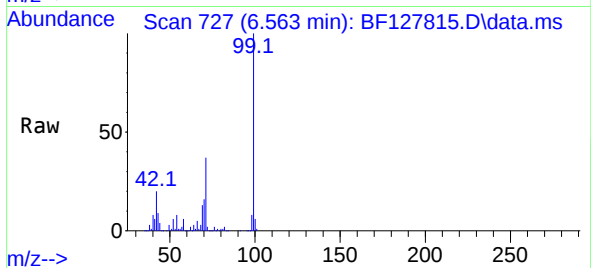
Tgt Ion:112 Resp: 137187
Ion Ratio Lower Upper
112 100
64 59.6 58.4 87.6
63 30.7 30.1 45.1





#7
Phenol-d6
Concen: 12.177 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

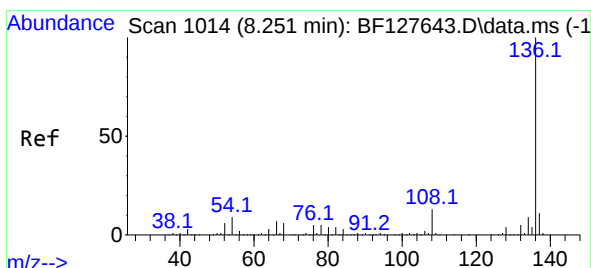
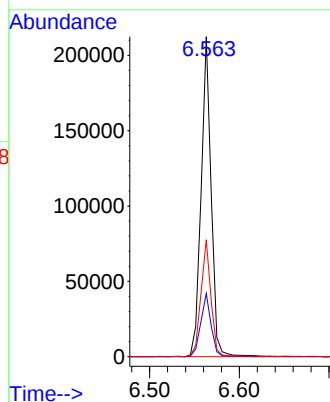
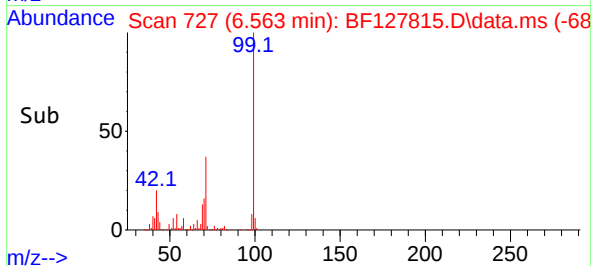
Instrument :
BNA_F
ClientSampleId :
CL-1-041422



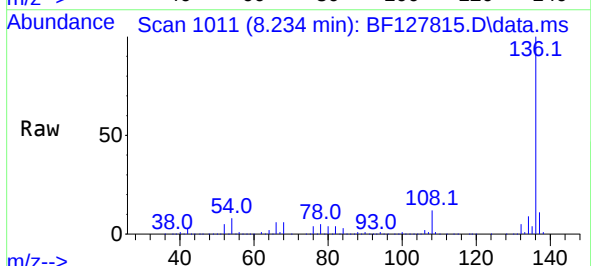
Tgt Ion: 99 Resp: 16479
Ion Ratio Lower Upper
99 100
42 19.8 17.8 26.6
71 36.6 29.6 44.4

Manual Integrations
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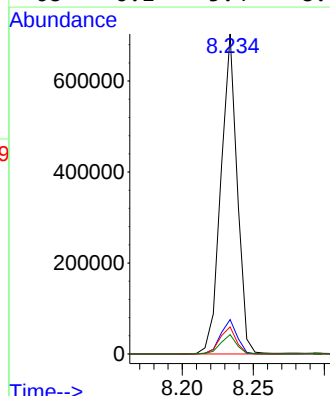
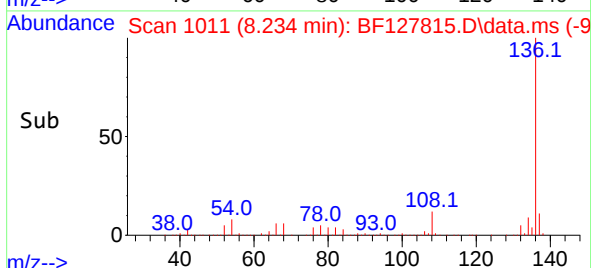
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

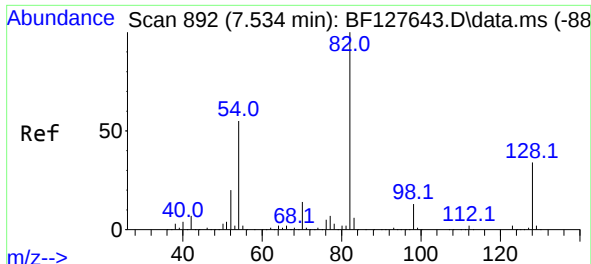


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50



Tgt Ion:136 Resp: 560222
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 9.2 13.8#
68 6.1 5.4 8.0





#23
Nitrobenzene-d5
Concen: 8.638 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.024 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

Instrument :

BNA_F

ClientSampleId :

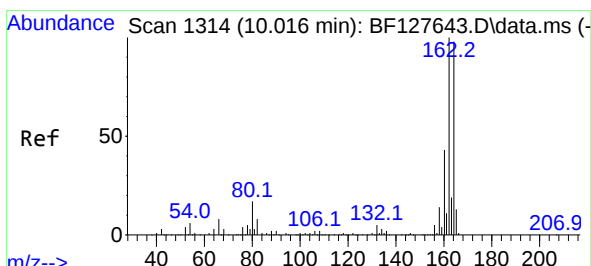
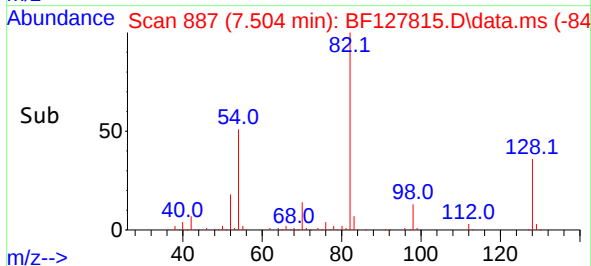
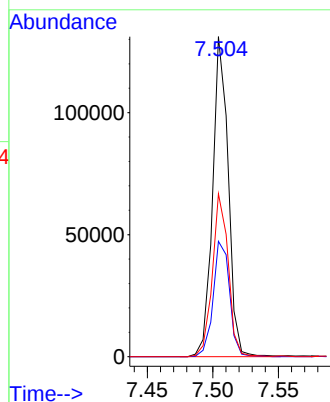
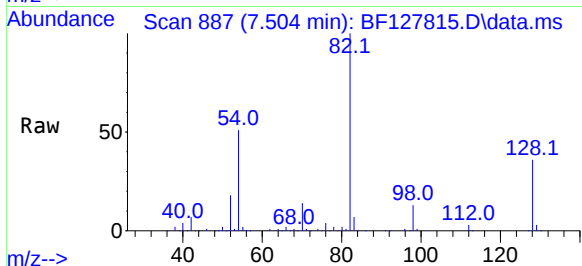
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Tgt Ion: 82 Resp: 10854
Ion Ratio Lower Upper
82 100
128 36.0 30.6 45.8
54 50.9 48.2 72.2

Manual Integrations

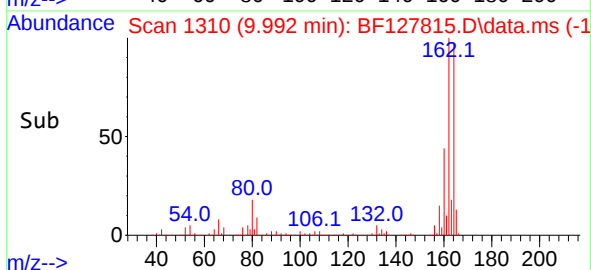
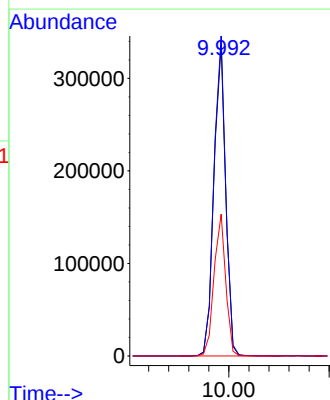
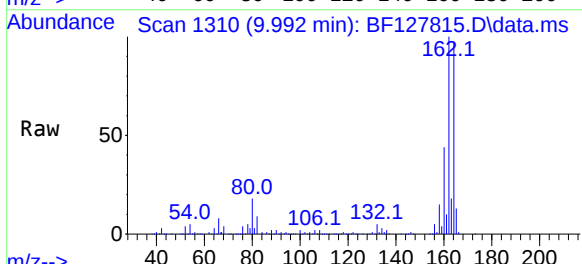
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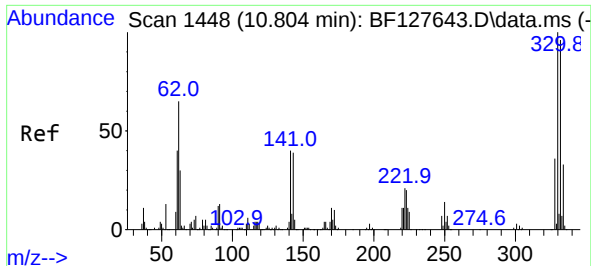
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

Tgt Ion:164 Resp: 272903
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 45.5 34.6 52.0





#42
2,4,6-Tribromophenol
Concen: 12.169 ng
RT: 10.781 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

Instrument :

BNA_F

ClientSampleId :

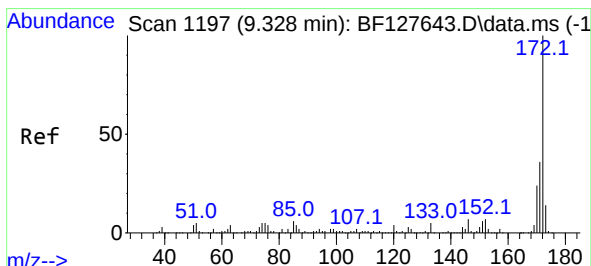
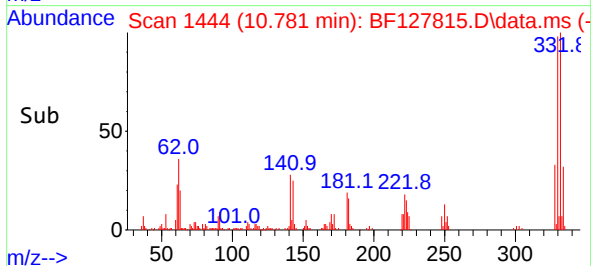
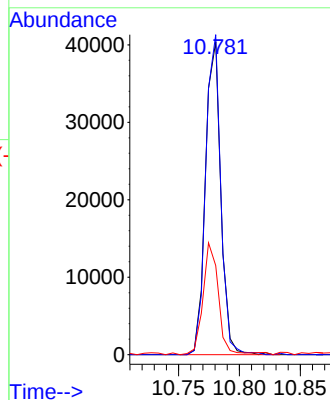
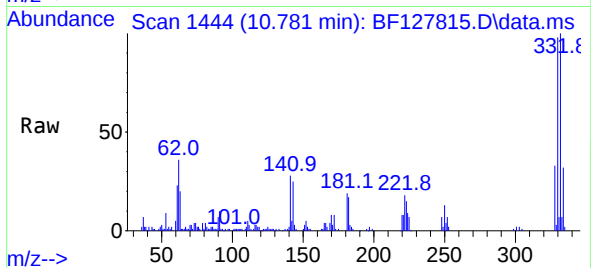
CL-1-041422

Tgt Ion: 330 Resp: 35340
Ion Ratio Lower Upper
330 100
332 100.0 79.1 118.7
141 36.2 26.2 39.4

Manual Integrations

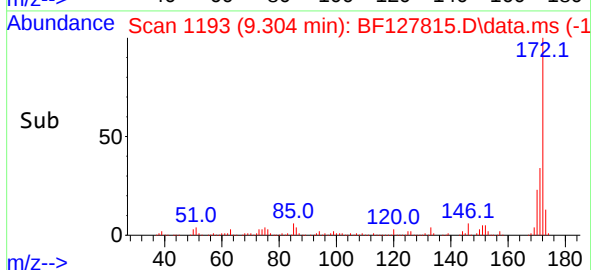
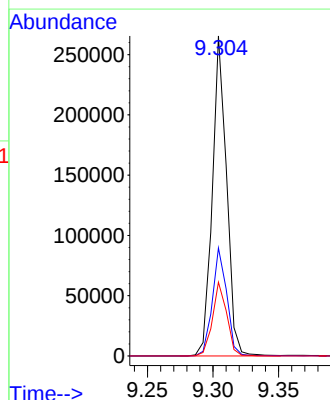
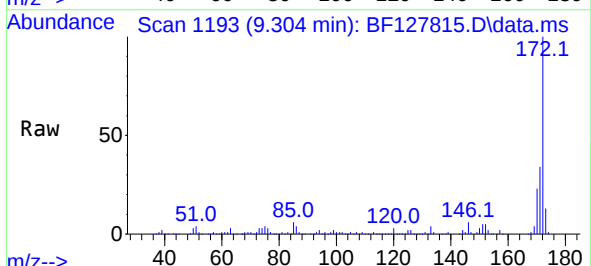
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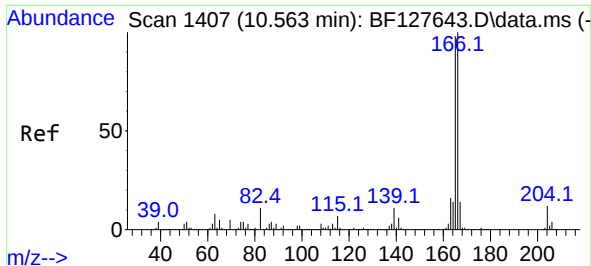
Reviewed By : Christian Giraldo 04/18/2022
Supervised By : Jagrut Upadhyay 04/18/2022



#45
2-Fluorobiphenyl
Concen: 10.426 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.018 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

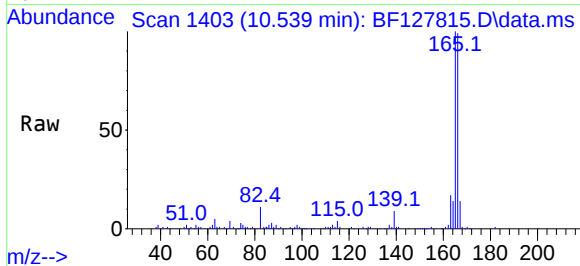
Tgt Ion: 172 Resp: 201123
Ion Ratio Lower Upper
172 100
171 33.8 28.4 42.6
170 23.1 18.6 27.8





#58
Fluorene
Concen: 2.457 ng
RT: 10.539 min Scan# 1407
Delta R.T. -0.018 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

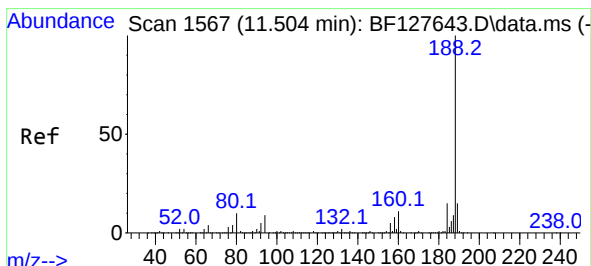
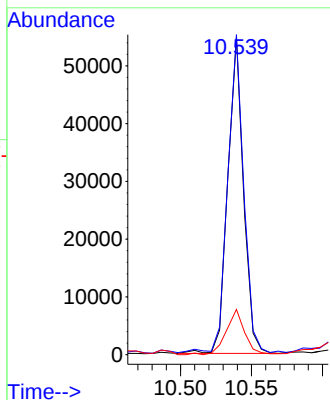
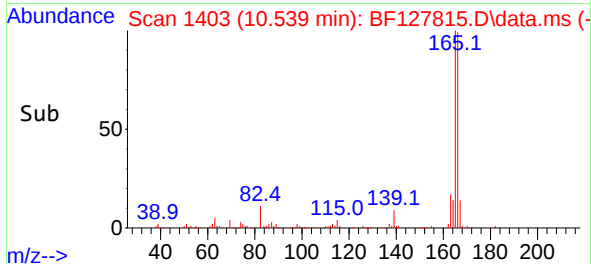
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CL-1-041422



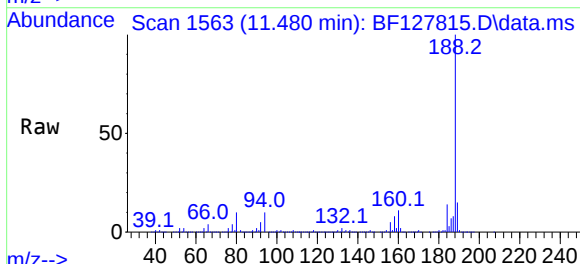
Tgt Ion:166 Resp: 42114
Ion Ratio Lower Upper
166 100
165 100.8 78.1 117.1
167 14.3 10.5 15.7

Manual Integrations
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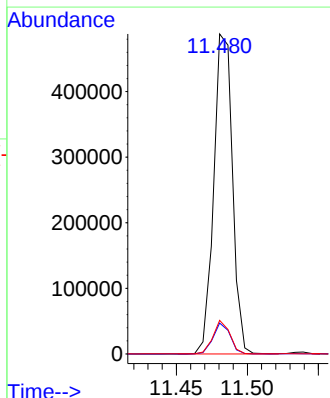
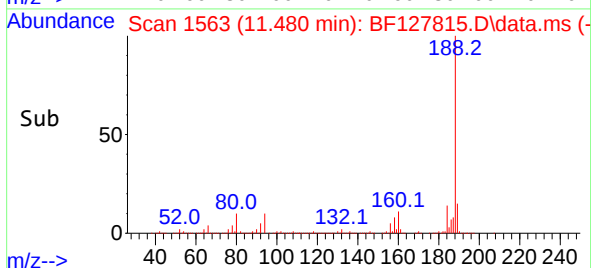
Reviewed By :Christian Giraldo 04/18/2022
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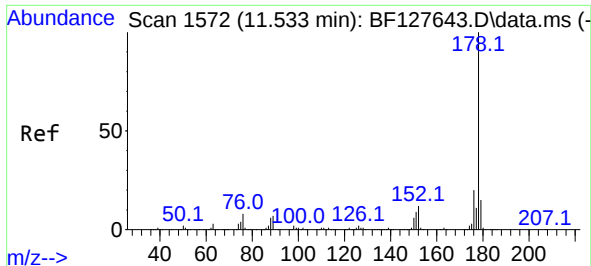


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50



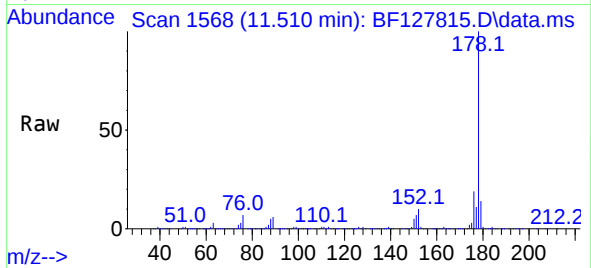
Tgt Ion:188 Resp: 447136
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.0
80 10.5 8.0 12.0





#71
Phenanthrene
Concen: 13.338 ng
RT: 11.510 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

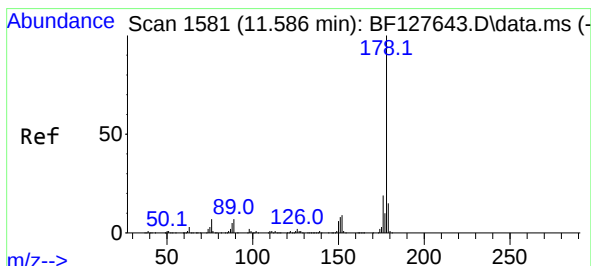
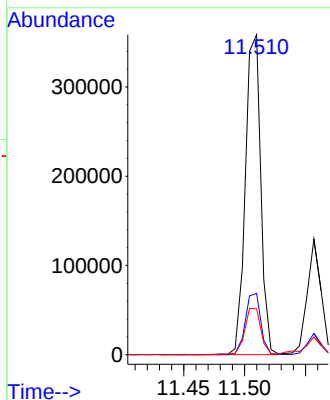
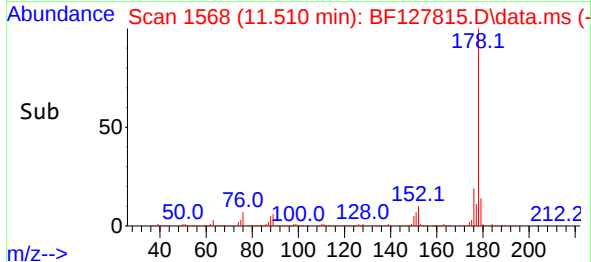
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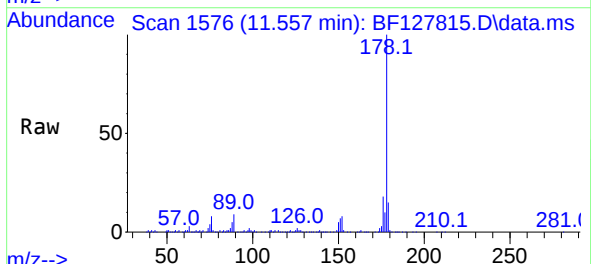
Tgt Ion:178 Resp: 315994
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 14.4 12.4 18.6

Manual Integrations
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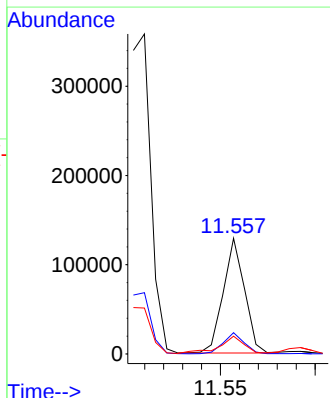
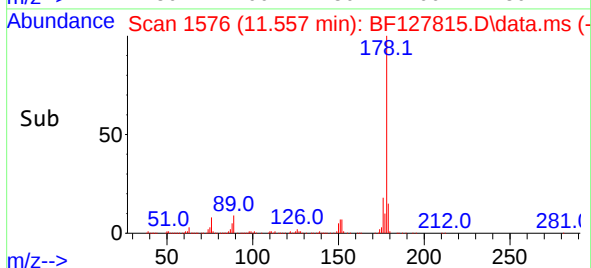
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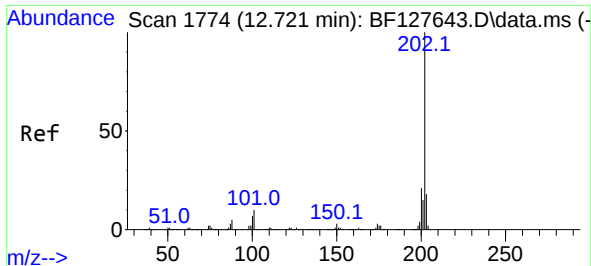


#72
Anthracene
Concen: 4.287 ng
RT: 11.557 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50



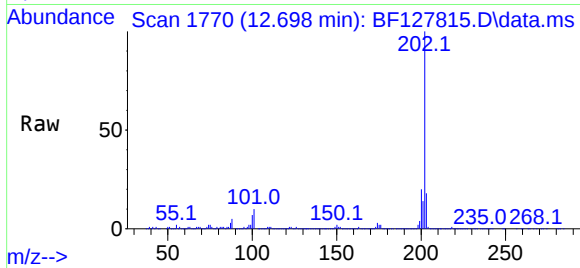
Tgt Ion:178 Resp: 100461
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.3 12.4 18.6





#75
Fluoranthene
Concen: 17.248 ng
RT: 12.698 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

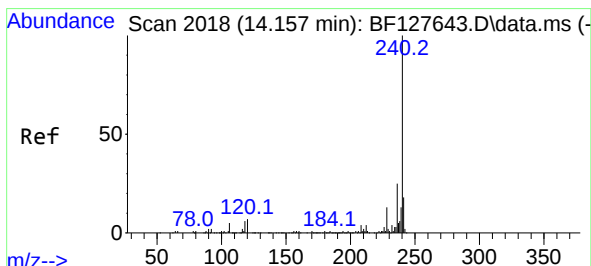
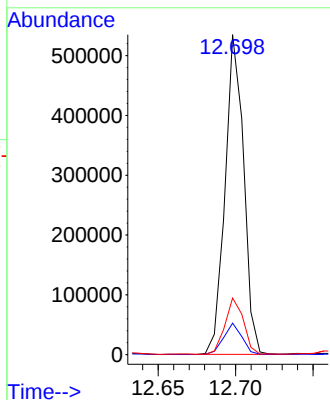
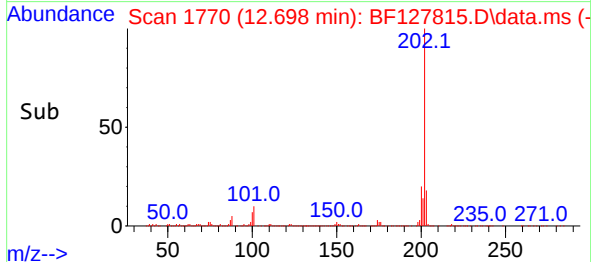
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ClientSampleId :
CL-1-041422



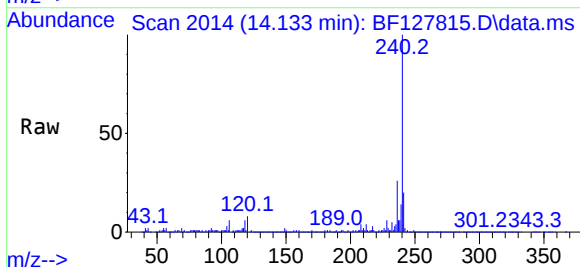
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Ion Ratio Lower Upper
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203 17.7 0.0 37.7

Manual Integrations
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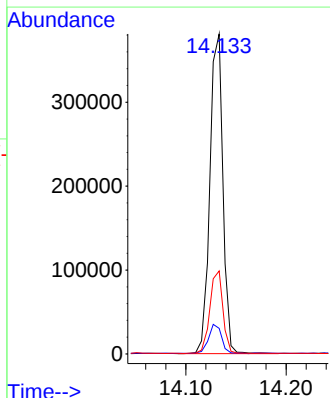
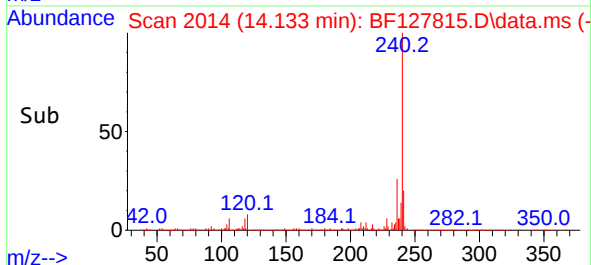
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

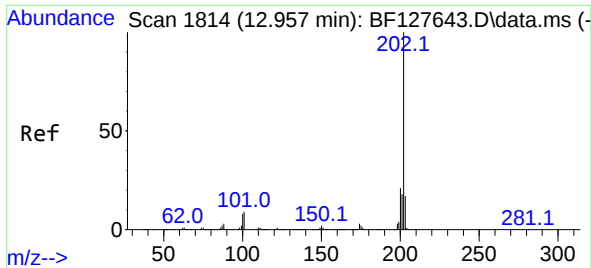


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50



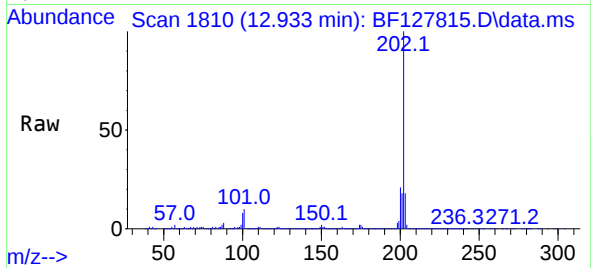
Tgt Ion:240 Resp: 345060
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 26.0 20.7 31.1





#78
Pyrene
Concen: 14.215 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

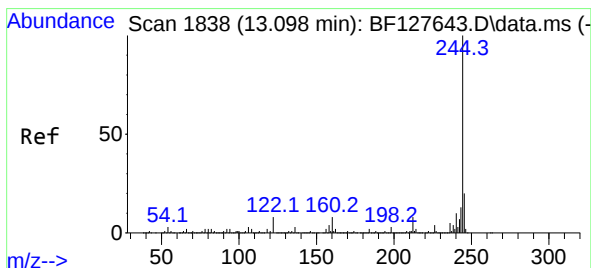
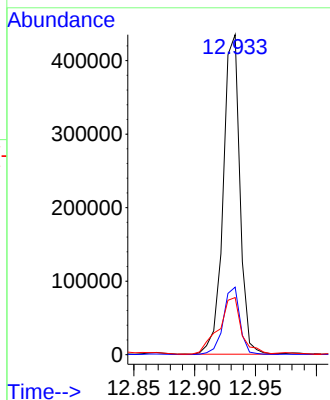
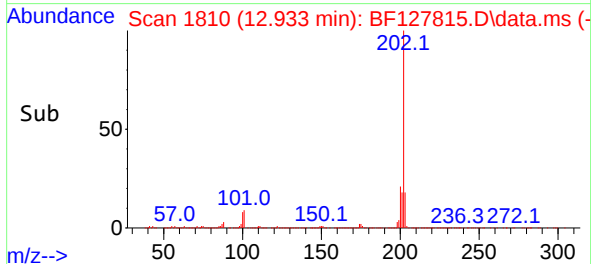
Instrument :
BNA_F
ClientSampleId :
CL-1-041422



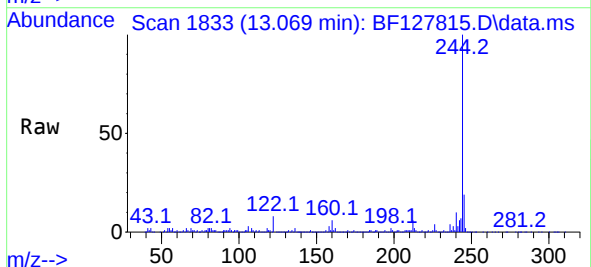
Tgt Ion: 202 Resp: 414200
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.8 14.3 21.5

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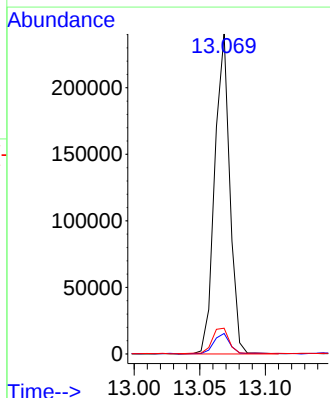
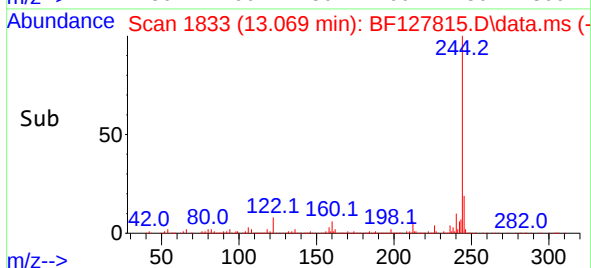
Reviewed By : Christian Giraldo 04/18/2022
Supervised By : Jagrut Upadhyay 04/18/2022

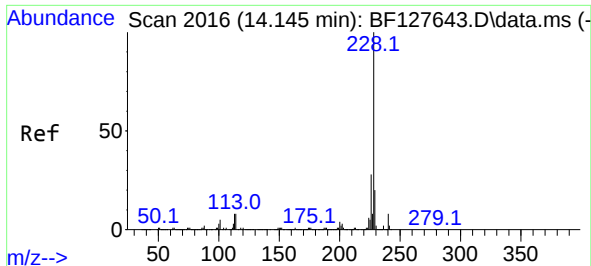


#79
Terphenyl-d14
Concen: 9.167 ng
RT: 13.069 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50



Tgt Ion: 244 Resp: 191646
Ion Ratio Lower Upper
244 100
212 6.4 5.7 8.5
122 8.1 6.2 9.2





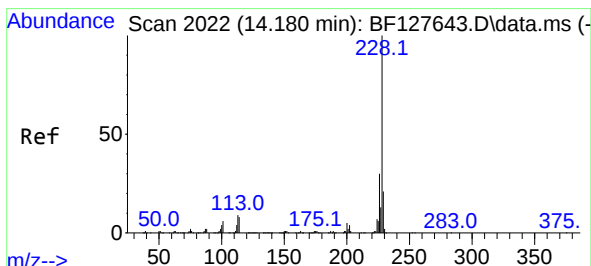
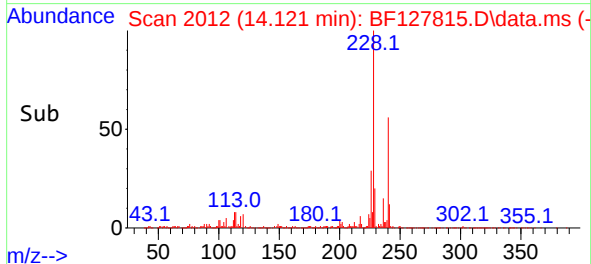
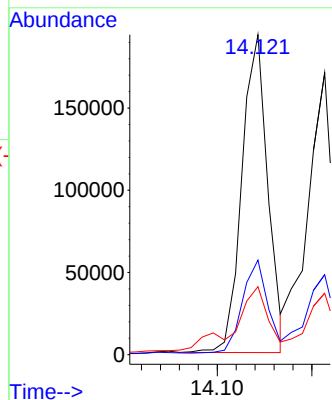
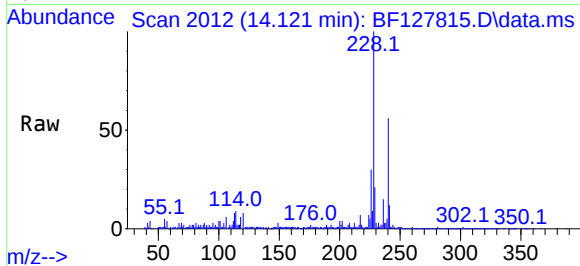
#81
Benzo(a)anthracene
Concen: 7.973 ng
RT: 14.121 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

Instrument :
BNA_F
ClientSampleId :
CL-1-041422

Tgt Ion:228 Resp: 183740
Ion Ratio Lower Upper
228 100
226 29.6 21.6 32.4
229 21.2 15.4 23.2

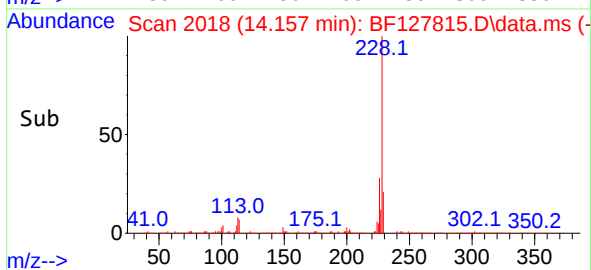
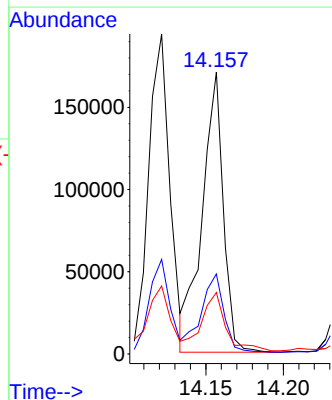
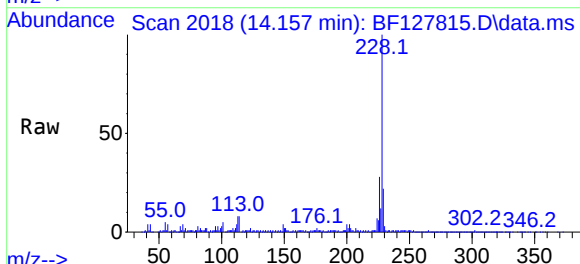
Manual Integrations
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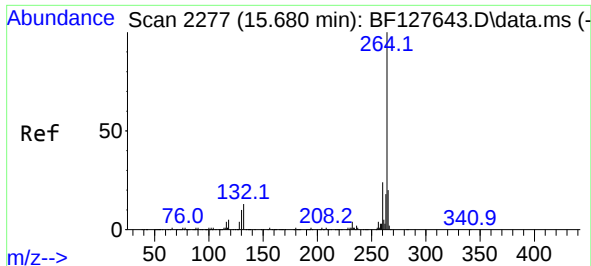
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#83
Chrysene
Concen: 7.302 ng
RT: 14.157 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

Tgt Ion:228 Resp: 161546
Ion Ratio Lower Upper
228 100
226 28.4 24.2 36.4
229 21.8 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

Instrument :

BNA_F

ClientSampleId :

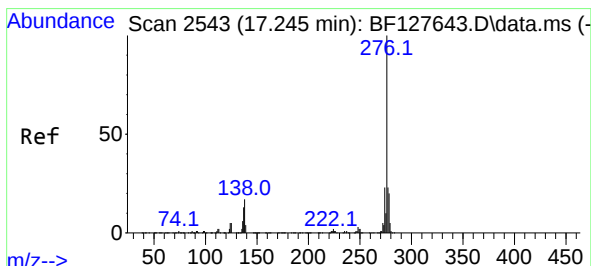
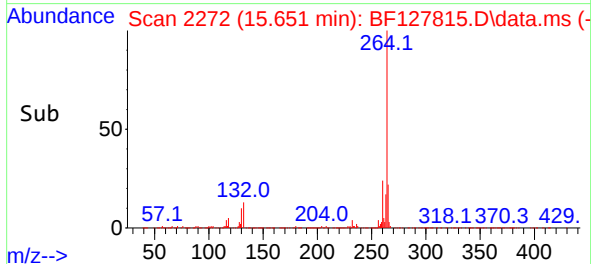
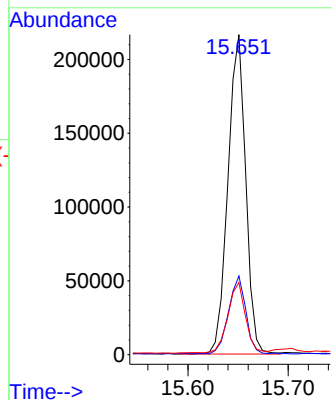
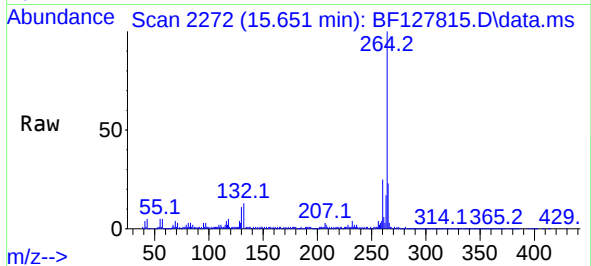
CL-1-041422

Tgt Ion:264 Resp: 265918
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 22.5 17.4 26.2

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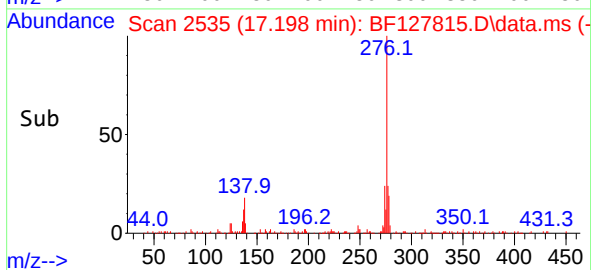
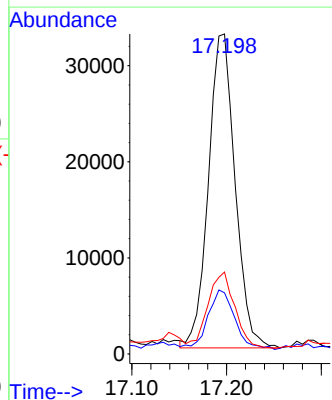
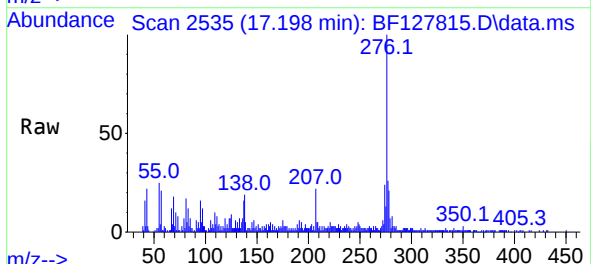
APPROVED

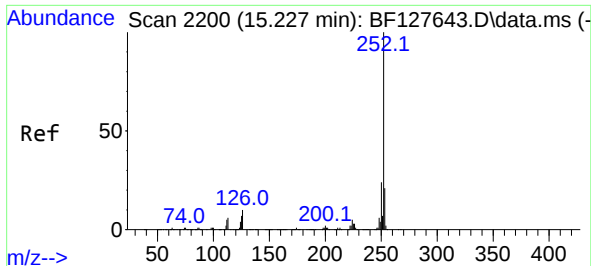
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.845 ng
RT: 17.198 min Scan# 2535
Delta R.T. -0.029 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

Tgt Ion:276 Resp: 63877
Ion Ratio Lower Upper
276 100
138 19.1 17.1 25.7
277 24.7 19.9 29.9





#88
Benzo(b)fluoranthene
Concen: 9.738 ng m
RT: 15.198 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

Instrument :

BNA_F

ClientSampleId :

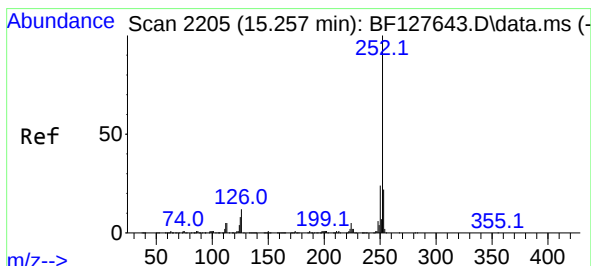
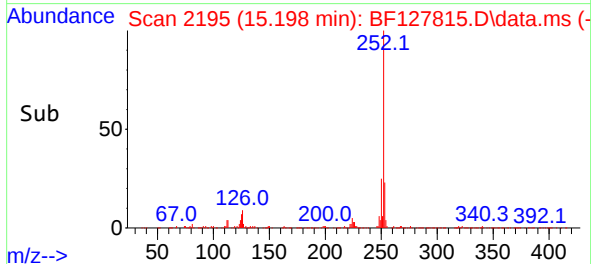
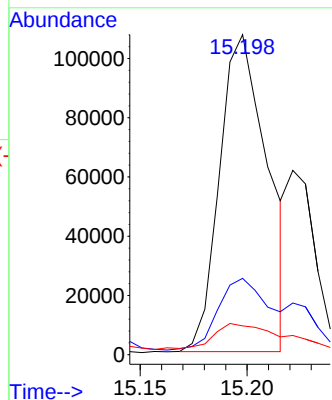
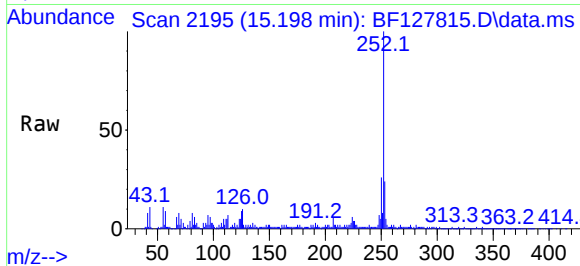
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Tgt Ion:252 Resp: 166578
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 9.0 7.0 10.4

Manual Integrations

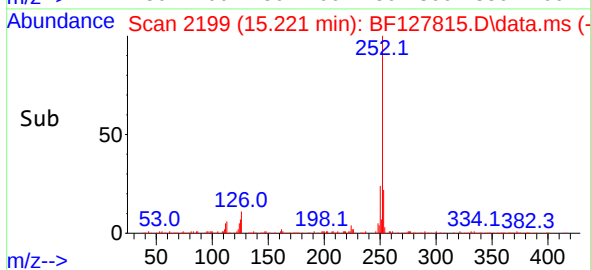
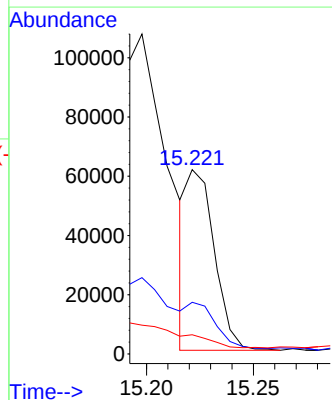
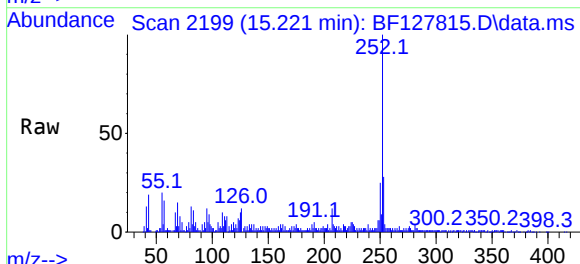
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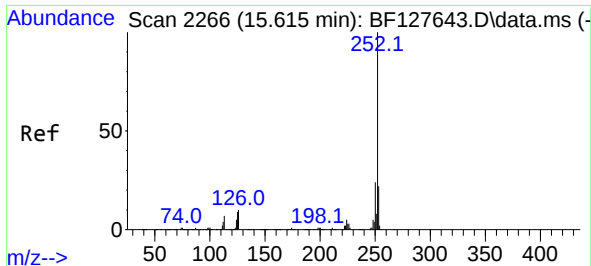
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#89
Benzo(k)fluoranthene
Concen: 3.194 ng m
RT: 15.221 min Scan# 2199
Delta R.T. -0.018 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

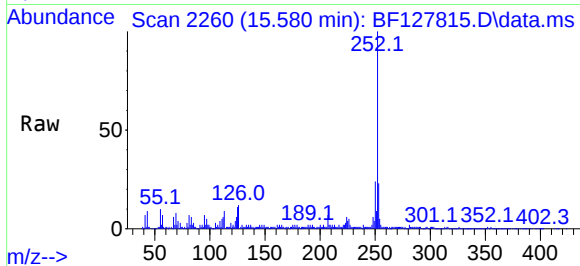
Tgt Ion:252 Resp: 54198
Ion Ratio Lower Upper
252 100
253 28.0 17.3 25.9#
125 10.4 6.9 10.3#





#90
Benzo(a)pyrene
Concen: 9.008 ng
RT: 15.580 min Scan# 215
Delta R.T. -0.018 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

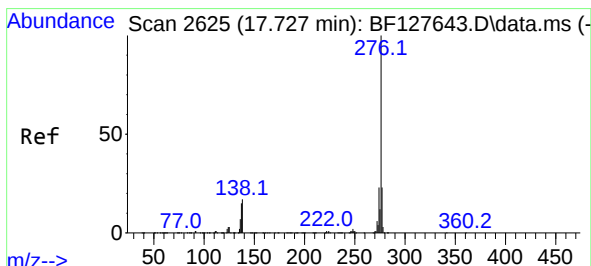
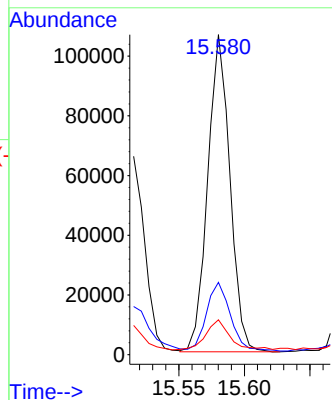
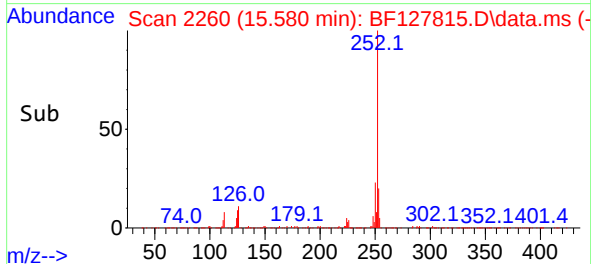
Instrument :
BNA_F
ClientSampleId :
CL-1-041422



Tgt Ion:252 Resp: 125245
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 10.9 6.7 10.1

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Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#92
Benzo(g,h,i)perylene
Concen: 4.469 ng
RT: 17.668 min Scan# 2615
Delta R.T. -0.035 min
Lab File: BF127815.D
Acq: 15 Apr 2022 20:50

Tgt Ion:276 Resp: 61674
Ion Ratio Lower Upper
276 100
277 25.6 19.0 28.4
138 20.4 14.6 22.0

