

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127771.D
 Acq On : 12 Apr 2022 21:29
 Operator : CG\JU
 Sample : N2365-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-041122

Quant Time: Apr 13 07:25:54 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 07:19:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/13/2022
 Supervised By : Jagrut Upadhyay 04/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	124638	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	428385	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	211330	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	338548	20.000	ng	0.00
76) Chrysene-d12	14.139	240	338187	20.000	ng	0.00
86) Perylene-d12	15.663	264	265787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	391078	50.985	ng	-0.01
7) Phenol-d6	6.569	99	466217	46.461	ng	-0.01
23) Nitrobenzene-d5	7.516	82	320465	33.350	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	115849	51.514	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	553019	37.020	ng	-0.01
79) Terphenyl-d14	13.092	244	545168	26.608	ng	0.01
Target Compounds						Qvalue
71) Phenanthrene	11.510	178	42637	2.377	ng	98
75) Fluoranthene	12.710	202	107062	5.470	ng	98
78) Pyrene	12.951	202	102599m	3.593	ng	
81) Benzo(a)anthracene	14.127	228	66161	2.929	ng	# 93
83) Chrysene	14.163	228	67520	3.114	ng	# 94
88) Benzo(b)fluoranthene	15.204	252	81527m	4.768	ng	
90) Benzo(a)pyrene	15.592	252	50920	3.664	ng	# 90
92) Benzo(g,h,i)perylene	17.680	276	29571	2.144	ng	# 91

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

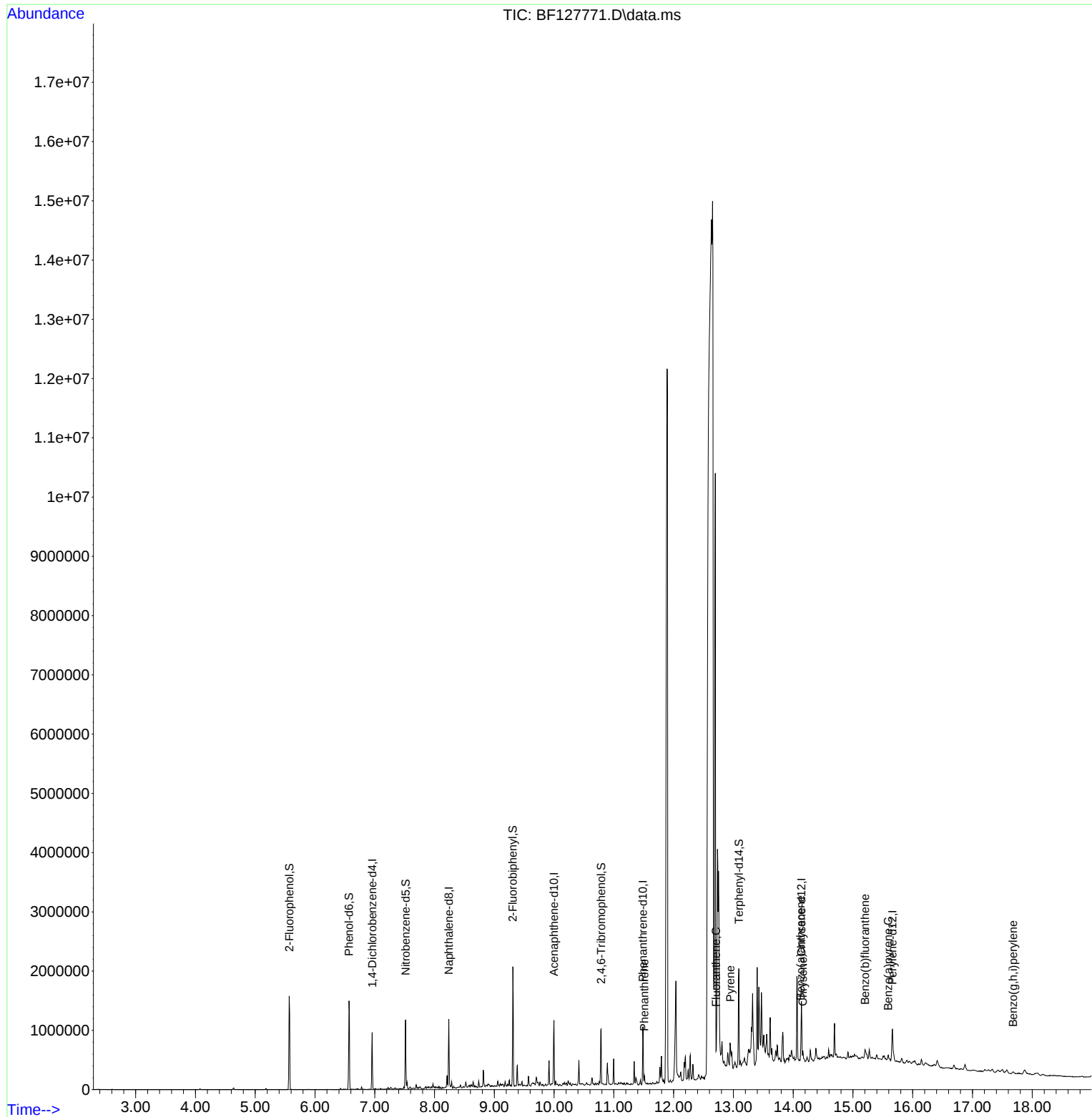
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
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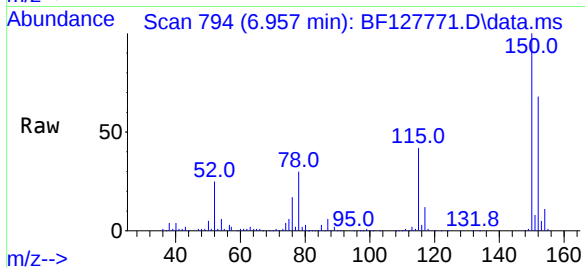
Reviewed By : Christian Giraldo 04/13/2022
Supervised By : Jagrut Upadhyay 04/13/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

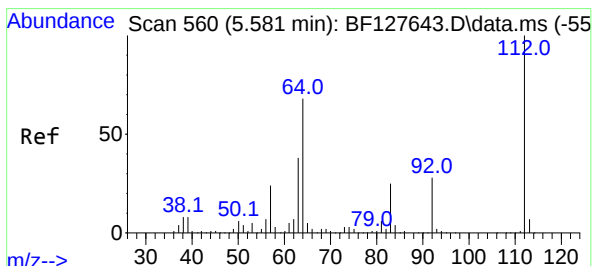
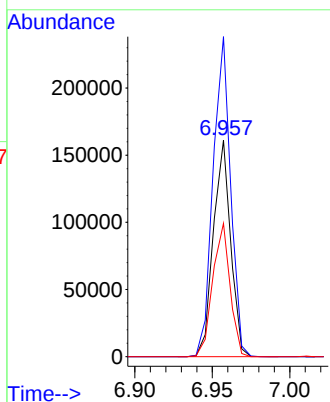
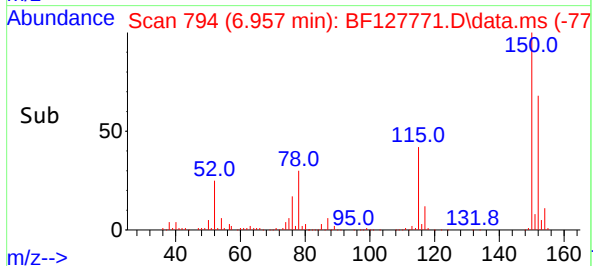
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BNA_F
ClientSampleId :
TR-04-041122



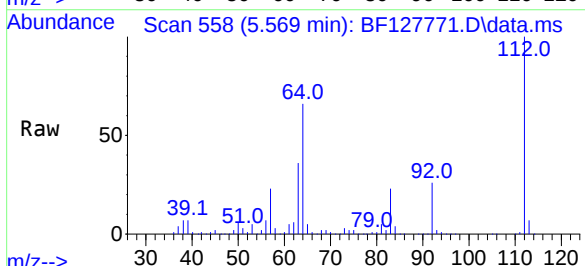
Tgt Ion:152 Resp: 124638
Ion Ratio Lower Upper
152 100
150 147.8 117.2 175.8
115 61.5 49.8 74.6

Manual Integrations
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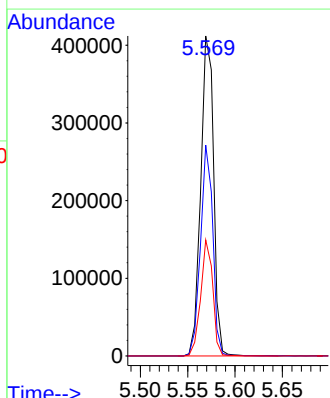
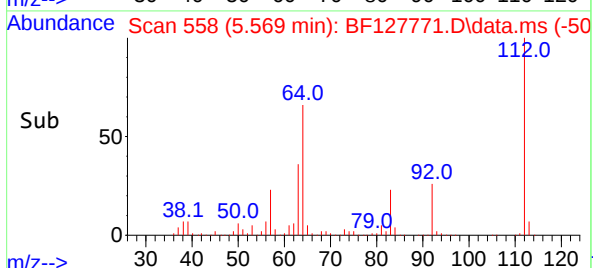
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

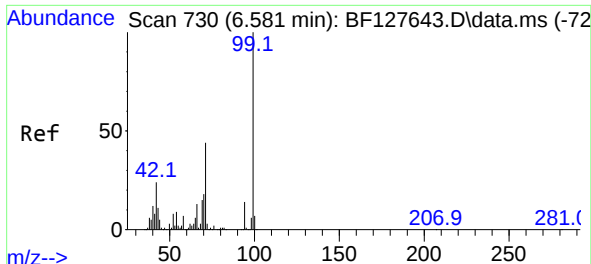


#5
2-Fluorophenol
Concen: 50.985 ng
RT: 5.569 min Scan# 558
Delta R.T. -0.012 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29



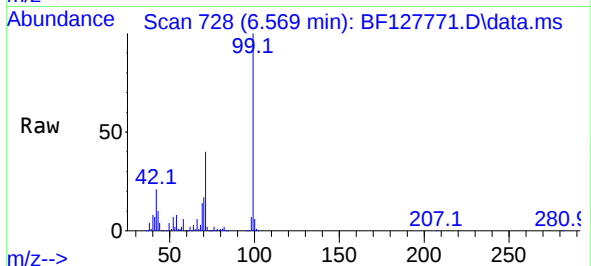
Tgt Ion:112 Resp: 391078
Ion Ratio Lower Upper
112 100
64 65.9 58.4 87.6
63 36.3 30.1 45.1





#7
Phenol-d6
Concen: 46.461 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

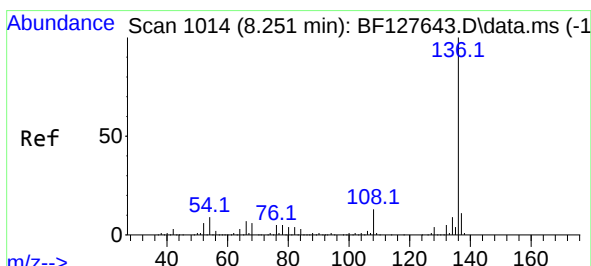
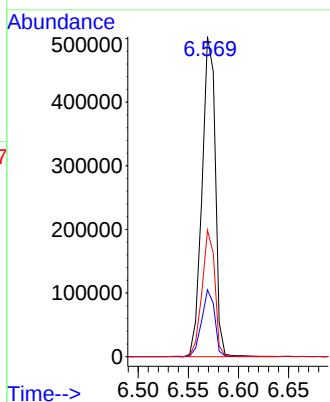
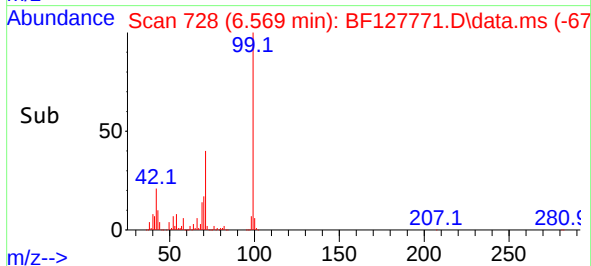
Instrument :
BNA_F
ClientSampleId :
TR-04-041122



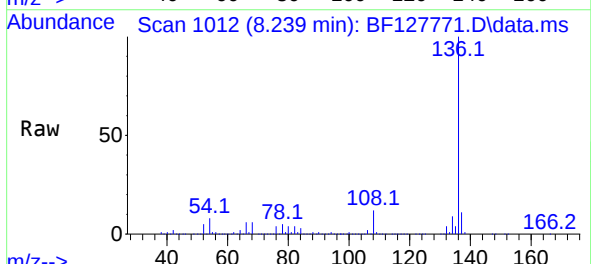
Tgt Ion: 99 Resp: 46621
Ion Ratio Lower Upper
99 100
42 20.9 17.8 26.6
71 39.5 29.6 44.4

Manual Integrations
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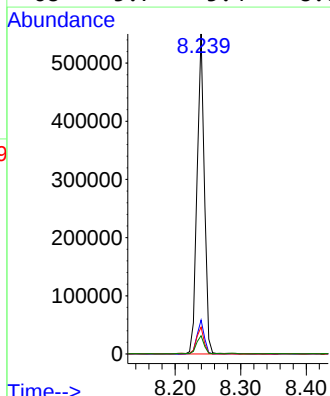
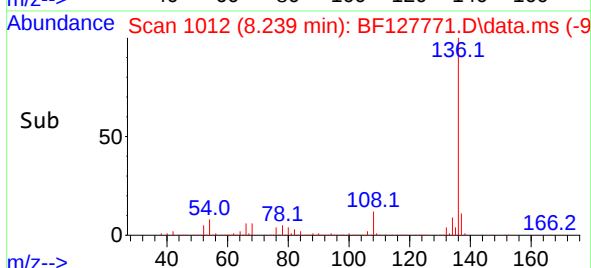
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

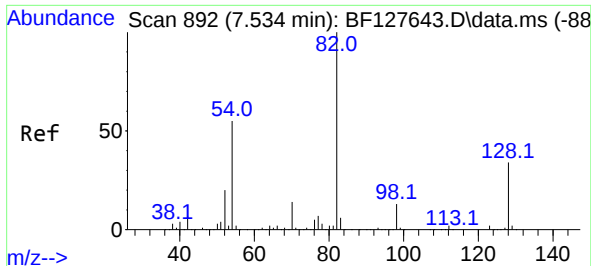


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29



Tgt Ion:136 Resp: 428385
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.4 9.2 13.8#
68 5.7 5.4 8.0





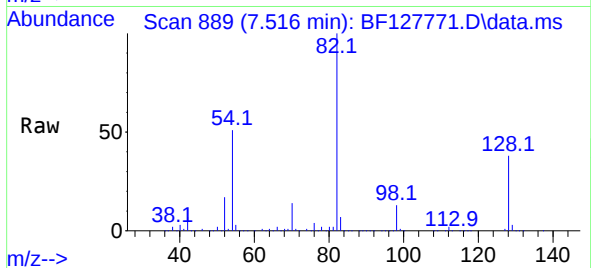
#23
Nitrobenzene-d5
Concen: 33.350 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

Instrument :

BNA_F

ClientSampleId :

TR-04-041122

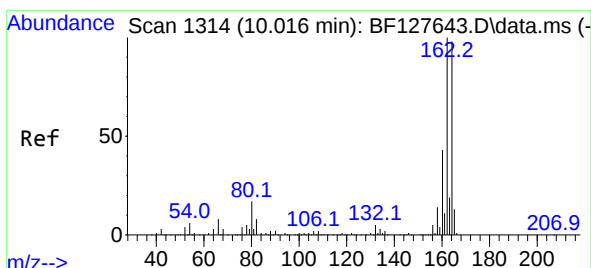
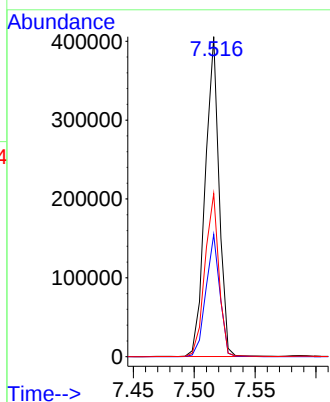
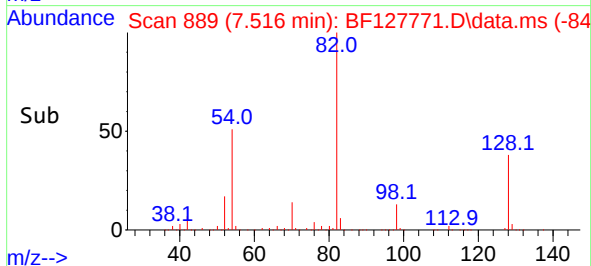


Tgt Ion: 82 Resp: 32046
Ion Ratio Lower Upper
82 100
128 38.2 30.6 45.8
54 50.9 48.2 72.2

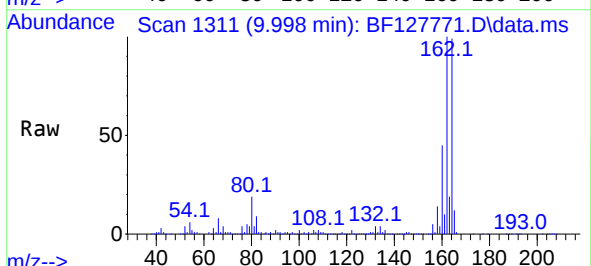
Manual Integrations

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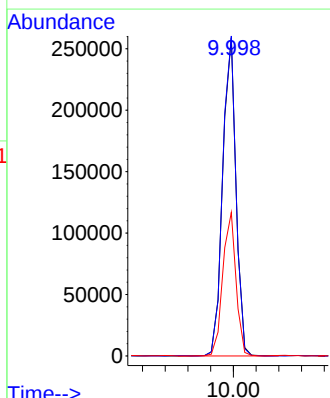
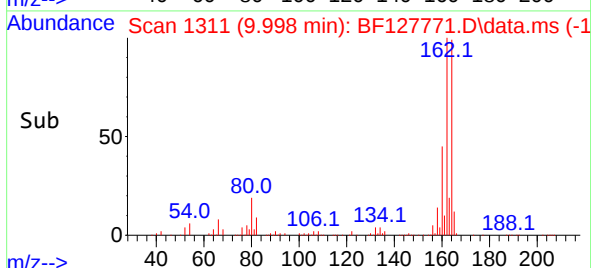
Reviewed By :Christian Giraldo 04/13/2022
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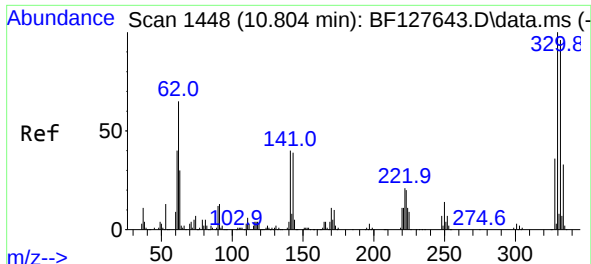


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29



Tgt Ion:164 Resp: 211330
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 45.1 34.6 52.0





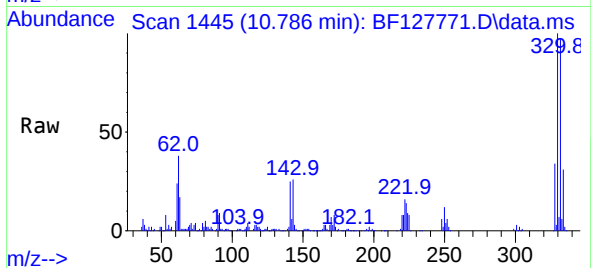
#42
2,4,6-Tribromophenol
Concen: 51.514 ng
RT: 10.786 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

Instrument :

BNA_F

ClientSampleId :

TR-04-041122

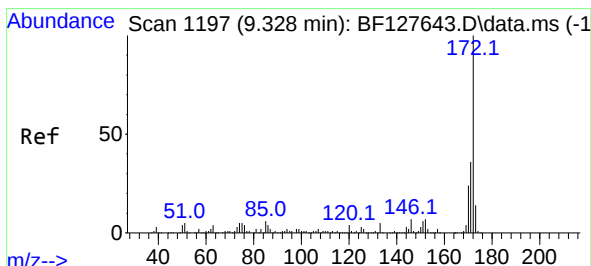
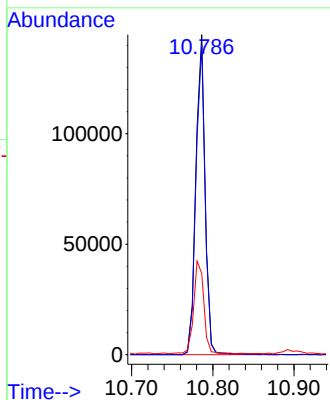
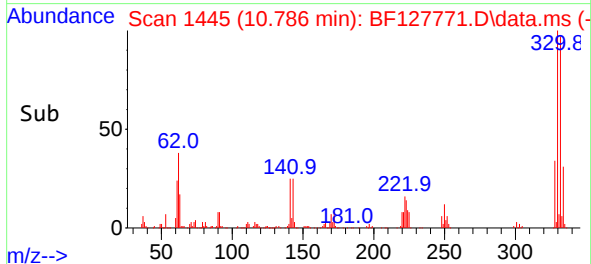


Tgt Ion:330 Resp: 115849
Ion Ratio Lower Upper
330 100
332 95.9 79.1 118.7
141 31.6 26.2 39.4

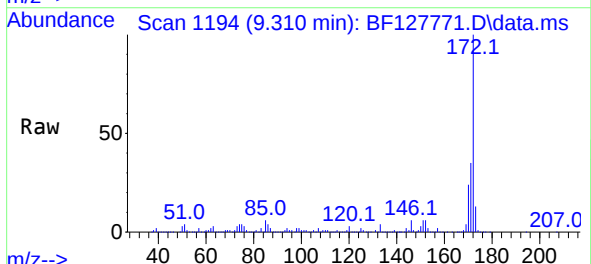
Manual Integrations

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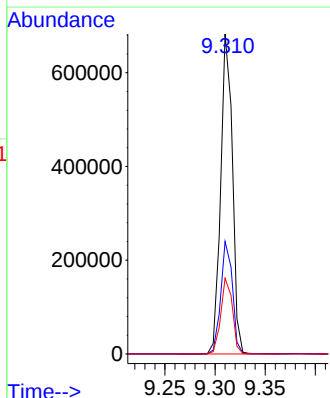
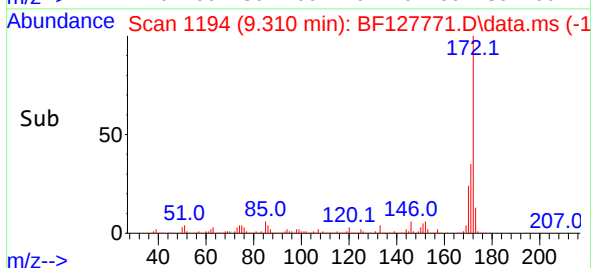
Reviewed By :Christian Giraldo 04/13/2022
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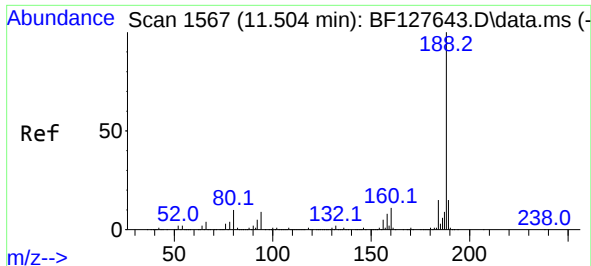


#45
2-Fluorobiphenyl
Concen: 37.020 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29



Tgt Ion:172 Resp: 553019
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.6 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

Instrument :

BNA_F

ClientSampleId :

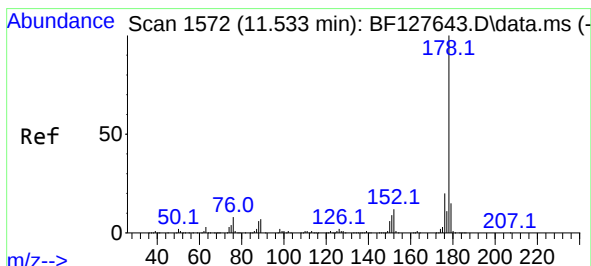
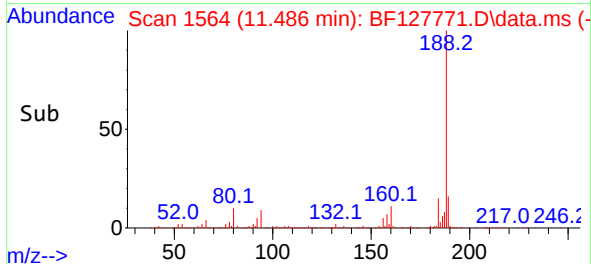
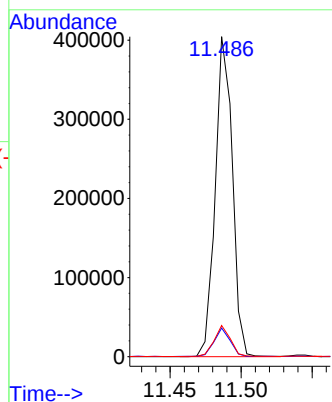
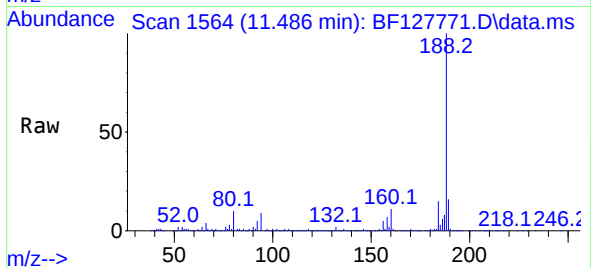
TR-04-041122

Tgt Ion:188 Resp: 33854
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 9.8 8.0 12.0

Manual Integrations

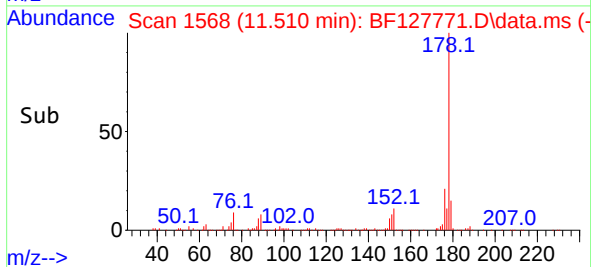
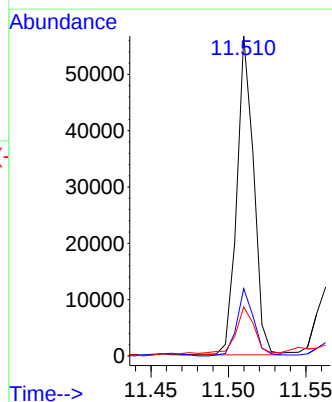
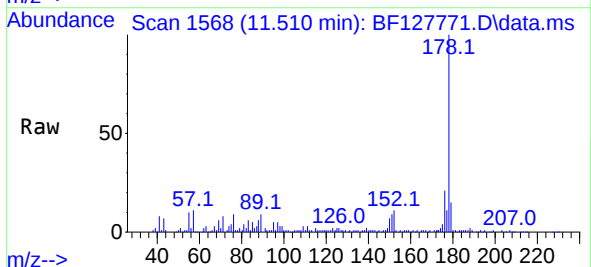
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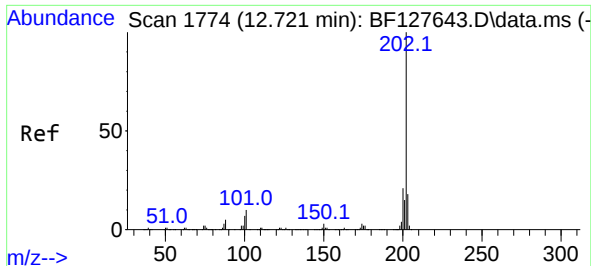
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#71
Phenanthrene
Concen: 2.377 ng
RT: 11.510 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

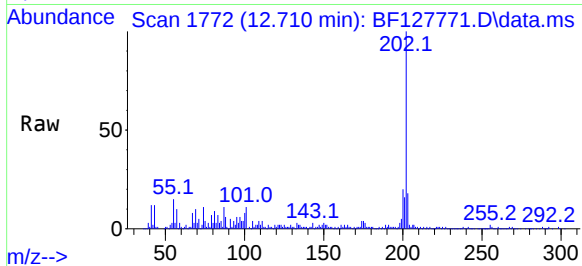
Tgt Ion:178 Resp: 42637
Ion Ratio Lower Upper
178 100
176 21.1 15.4 23.2
179 15.3 12.4 18.6





#75
Fluoranthene
Concen: 5.470 ng
RT: 12.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

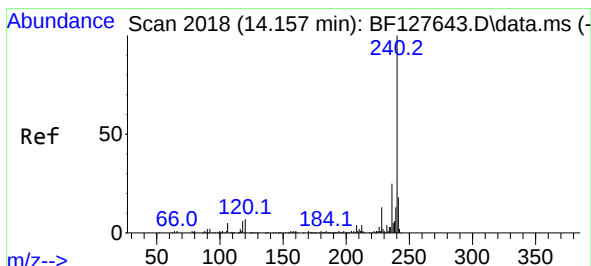
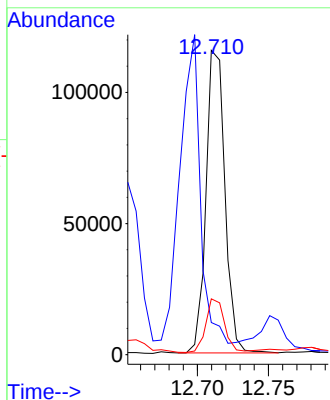
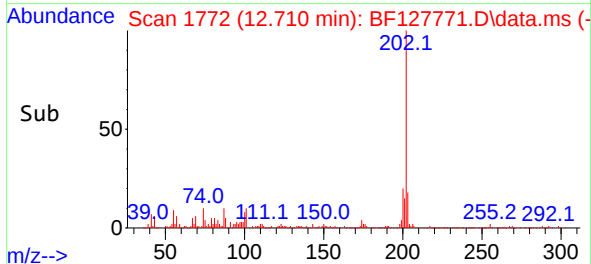
Instrument :
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ClientSampleId :
TR-04-041122



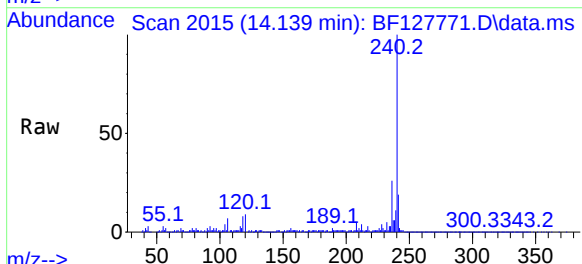
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Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.0
203 18.4 0.0 37.7

Manual Integrations
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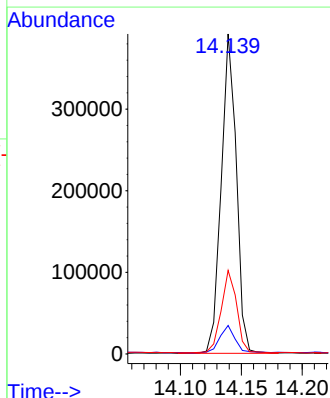
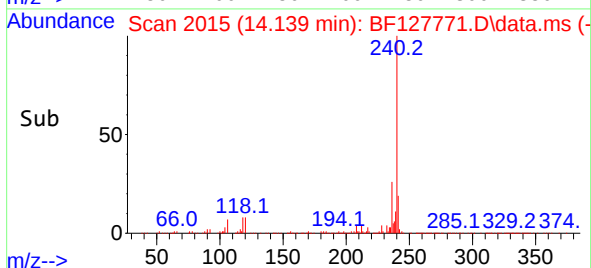
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

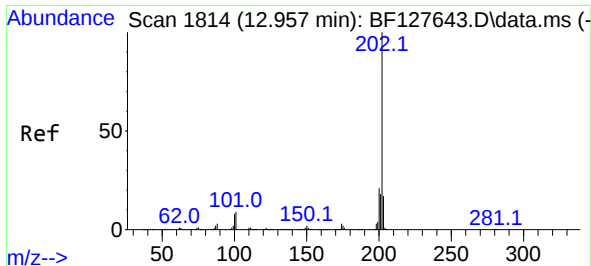


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29



Tgt Ion:240 Resp: 338187
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 26.1 20.7 31.1





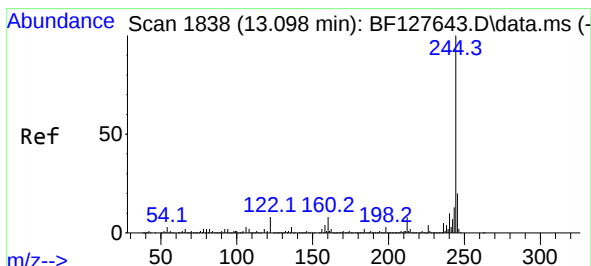
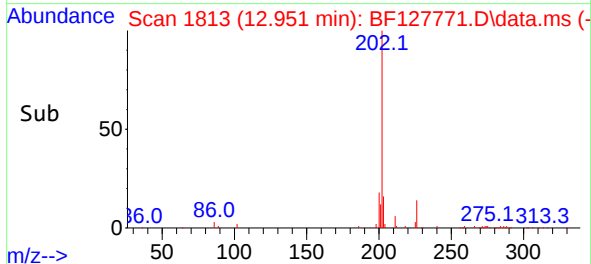
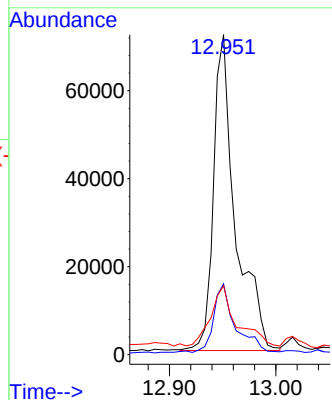
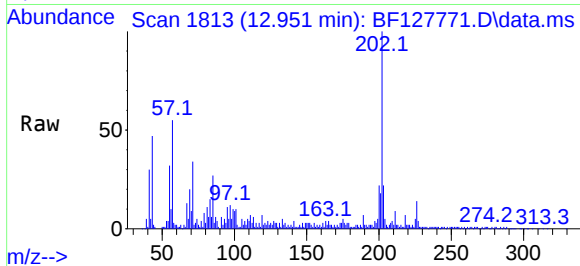
#78
Pyrene
Concen: 3.593 ng m
RT: 12.951 min Scan# 1814
Delta R.T. 0.012 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

Instrument :
BNA_F
ClientSampleId :
TR-04-041122

Tgt Ion:202 Resp: 102599
Ion Ratio Lower Upper
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200 22.2 17.1 25.7
203 21.6 14.3 21.5

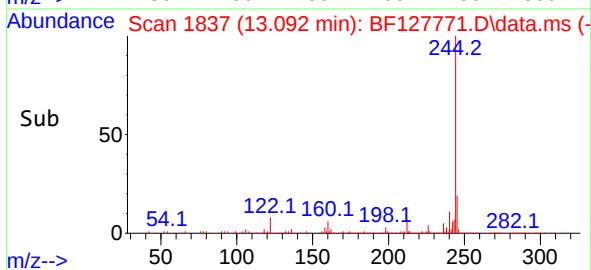
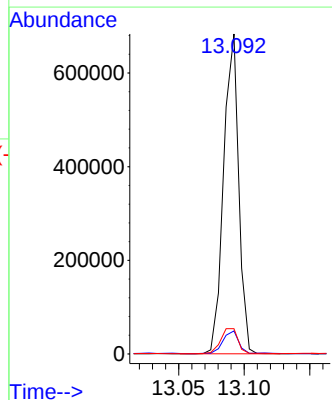
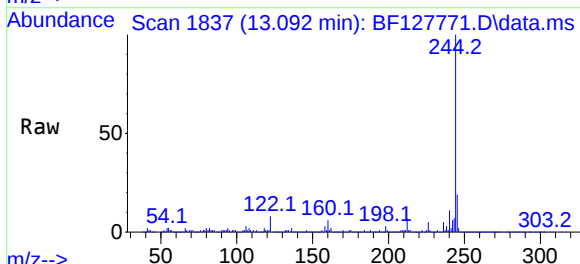
Manual Integrations
APPROVED

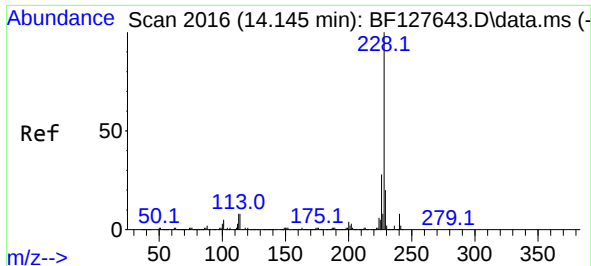
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#79
Terphenyl-d14
Concen: 26.608 ng
RT: 13.092 min Scan# 1837
Delta R.T. 0.012 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

Tgt Ion:244 Resp: 545168
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 7.9 6.2 9.2





#81
Benzo(a)anthracene
Concen: 2.929 ng
RT: 14.127 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

Instrument :

BNA_F

ClientSampleId :

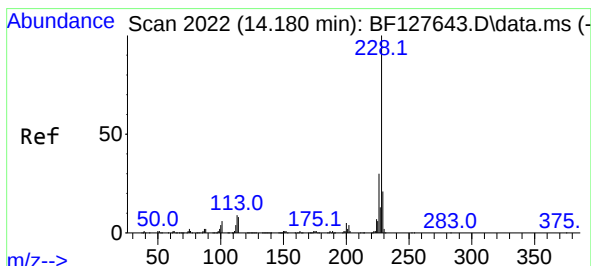
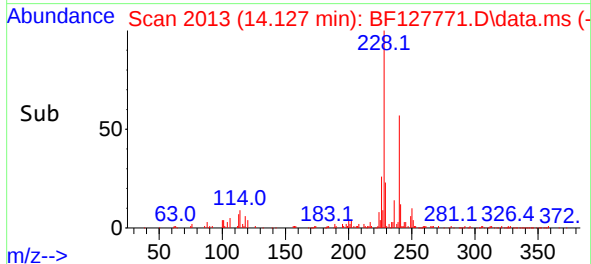
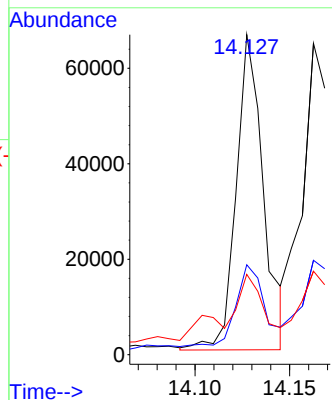
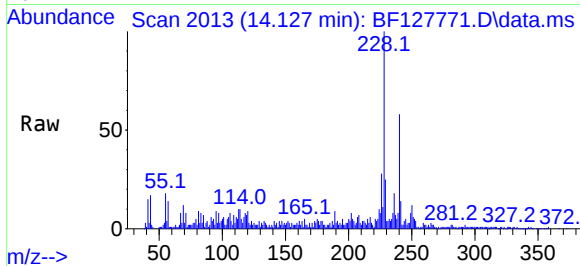
TR-04-041122

Tgt Ion:228 Resp: 6616
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 25.1 15.4 23.2

Manual Integrations

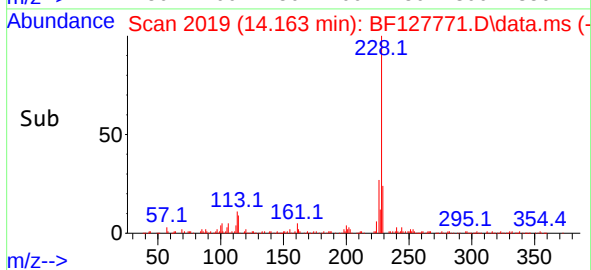
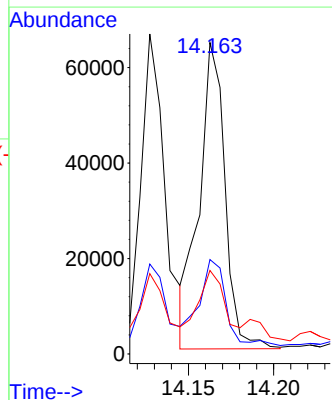
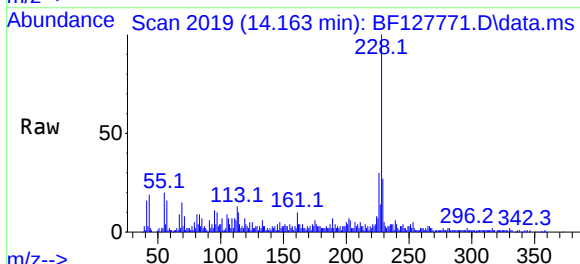
APPROVED

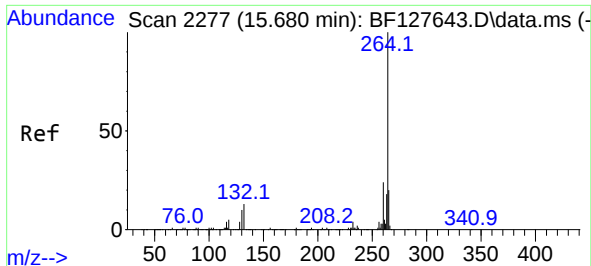
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#83
Chrysene
Concen: 3.114 ng
RT: 14.163 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

Tgt Ion:228 Resp: 67520
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 26.8 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.663 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

Instrument :

BNA_F

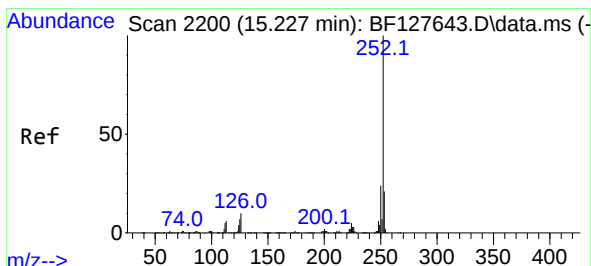
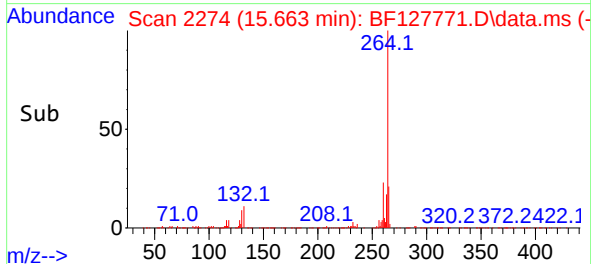
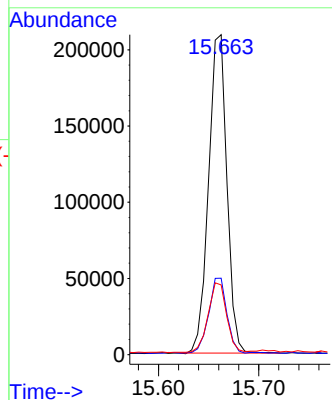
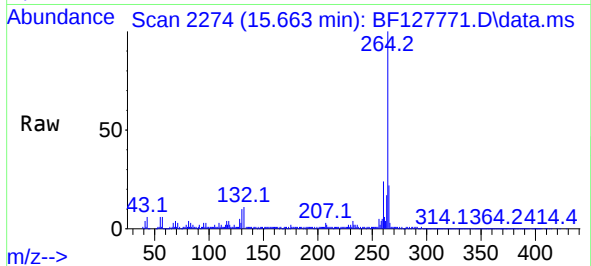
ClientSampleId :

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Tgt Ion:264 Resp: 26578
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.8 17.4 26.2

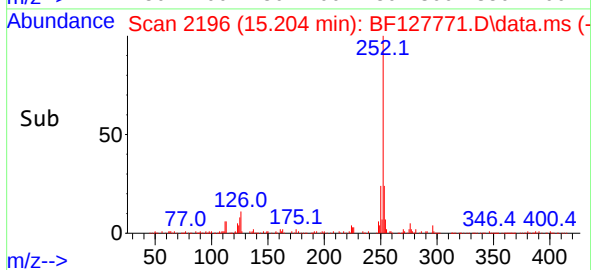
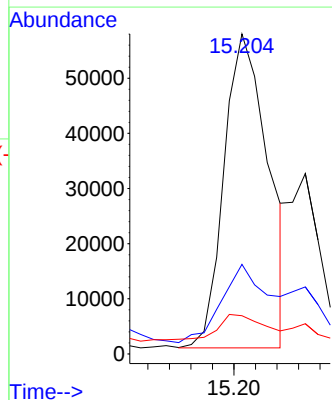
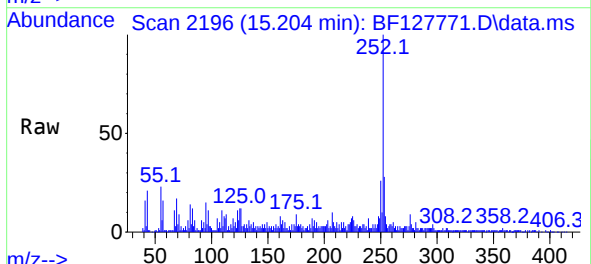
Manual Integrations
APPROVED

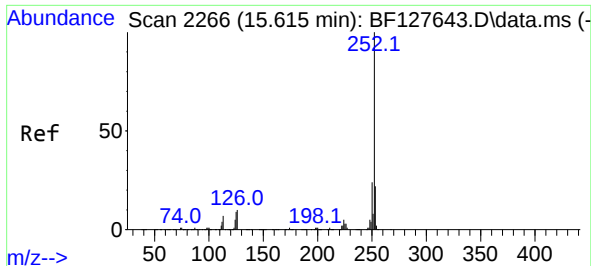
Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#88
Benzo(b)fluoranthene
Concen: 4.768 ng m
RT: 15.204 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

Tgt Ion:252 Resp: 81527
Ion Ratio Lower Upper
252 100
253 28.0 17.9 26.9#
125 12.0 7.0 10.4#





#90
Benzo(a)pyrene
Concen: 3.664 ng
RT: 15.592 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

Instrument :

BNA_F

ClientSampleId :

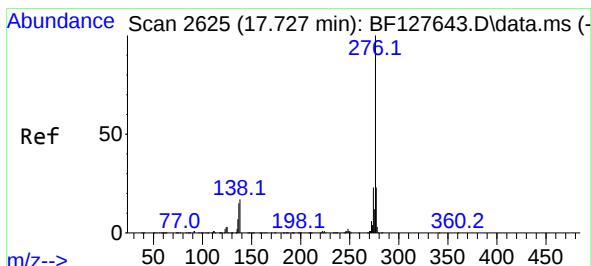
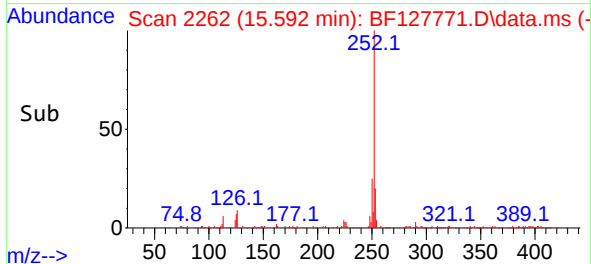
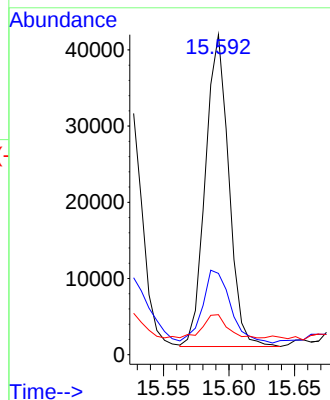
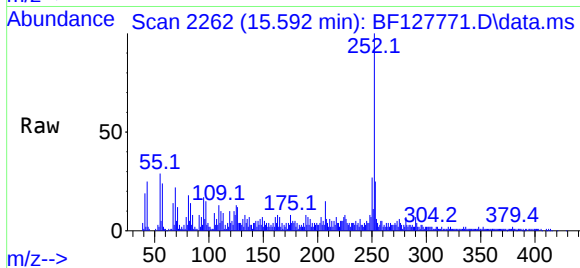
TR-04-041122

Tgt Ion:252 Resp: 50920
Ion Ratio Lower Upper
252 100
253 25.4 17.0 25.6
125 12.5 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022



#92
Benzo(g,h,i)perylene
Concen: 2.144 ng
RT: 17.680 min Scan# 2617
Delta R.T. -0.012 min
Lab File: BF127771.D
Acq: 12 Apr 2022 21:29

Tgt Ion:276 Resp: 29571
Ion Ratio Lower Upper
276 100
277 30.0 19.0 28.4#
138 20.3 14.6 22.0

