

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127038.D
 Acq On : 23 Feb 2022 14:35
 Operator : CG\JU
 Sample : N1635-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-124019

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/24/2022
 Supervised By : Jagrut Upadhyay 02/24/2022

Quant Time: Feb 24 02:16:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	94724	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	387752	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	194313	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	336971	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	151656	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	143232	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	596687	97.359	ng	0.00
7) Phenol-d6	6.534	99	780686	94.402	ng	0.00
23) Nitrobenzene-d5	7.469	82	552342	64.297	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	230087	102.844	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	893714	67.710	ng	0.00
79) Terphenyl-d14	13.022	244	866178	83.961	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.457	178	104719	5.552	ng	100
75) Fluoranthene	12.651	202	129578	7.236	ng	93
78) Pyrene	12.880	202	121366	9.211	ng	100
81) Benzo(a)anthracene	14.069	228	31590	3.090	ng	96
83) Chrysene	14.104	228	45052	4.686	ng	98
88) Benzo(b)fluoranthene	15.133	252	39449m	4.101	ng	
90) Benzo(a)pyrene	15.510	252	26127	3.477	ng	# 91
92) Benzo(g,h,i)perylene	17.545	276	17134	2.237	ng	# 86

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

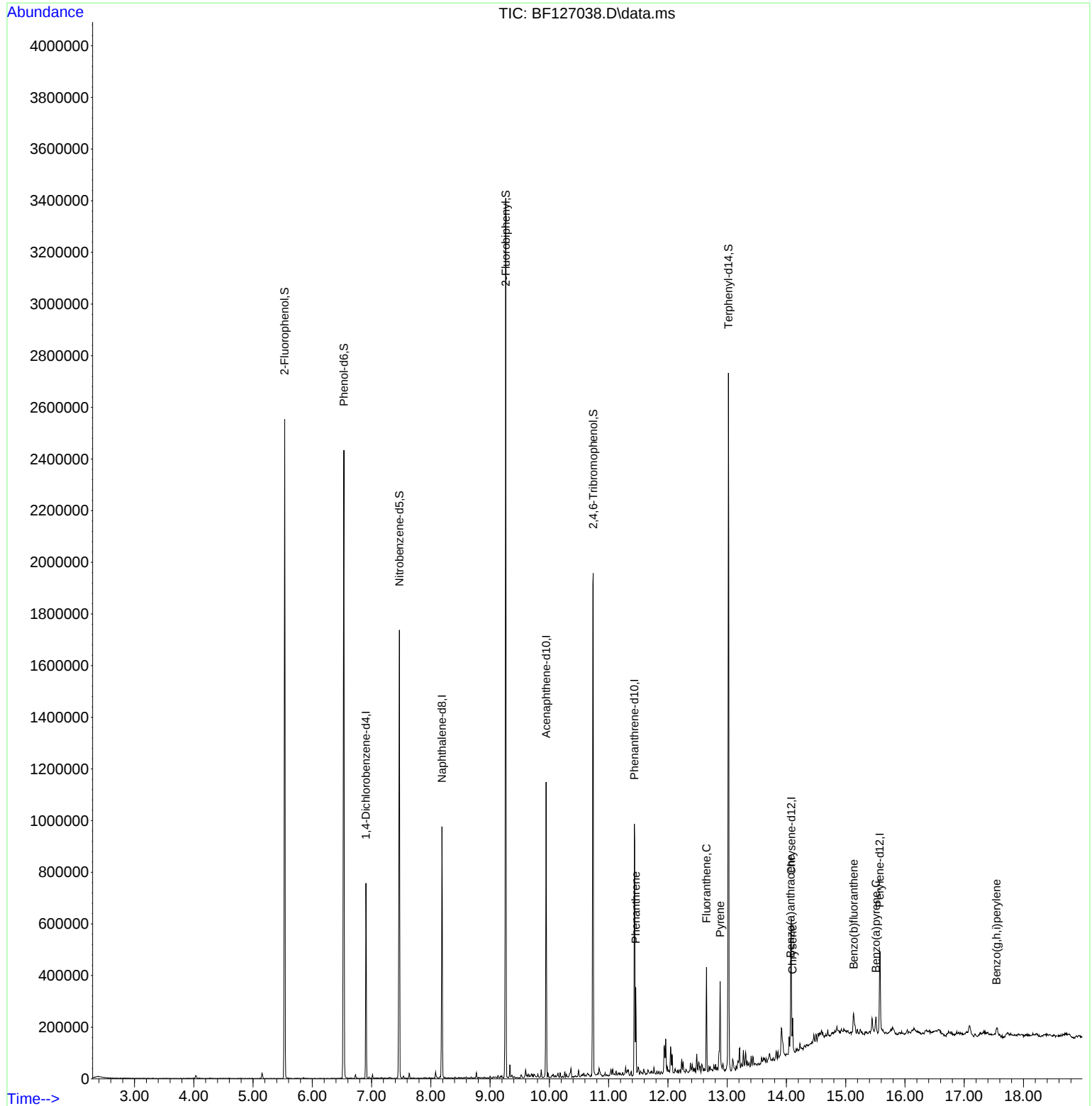
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
Data File : BF127038.D
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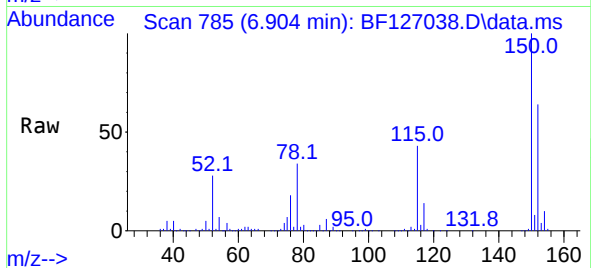
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35

Instrument :

BNA_F

ClientSampleId :

RO-124019

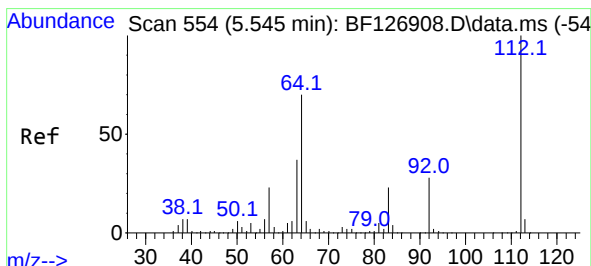
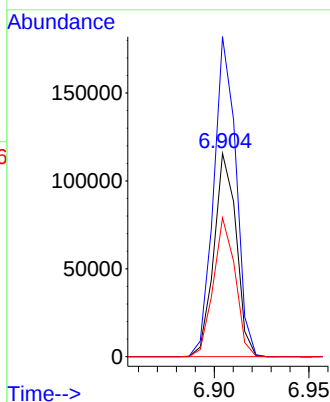
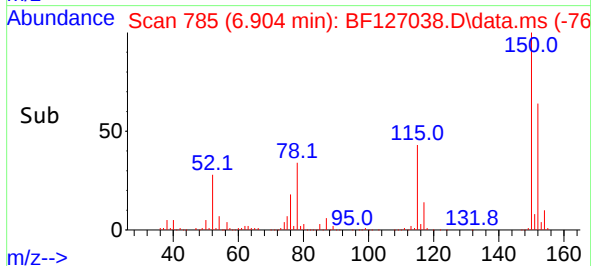


Tgt Ion:152 Resp: 94724
Ion Ratio Lower Upper
152 100
150 157.3 128.1 192.1
115 68.3 56.7 85.1

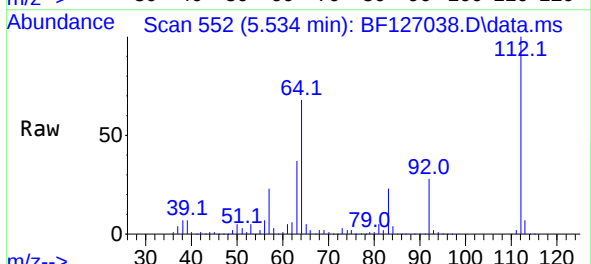
Manual Integrations

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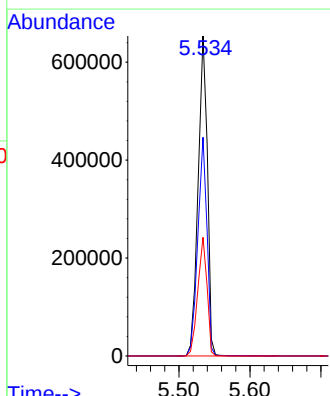
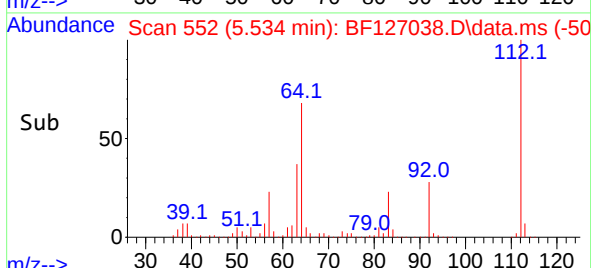
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022

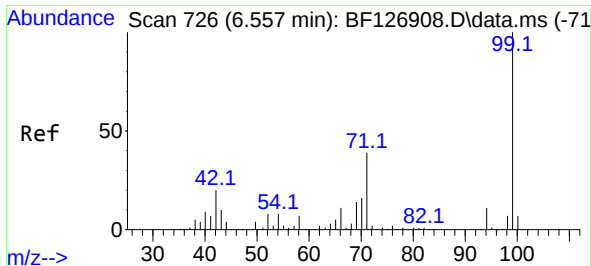


#5
2-Fluorophenol
Concen: 97.359 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.006 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35



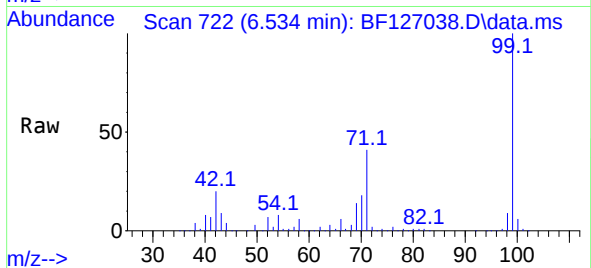
Tgt Ion:112 Resp: 596687
Ion Ratio Lower Upper
112 100
64 68.4 49.5 74.3
63 37.1 23.9 35.9#





#7
Phenol-d6
Concen: 94.402 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35

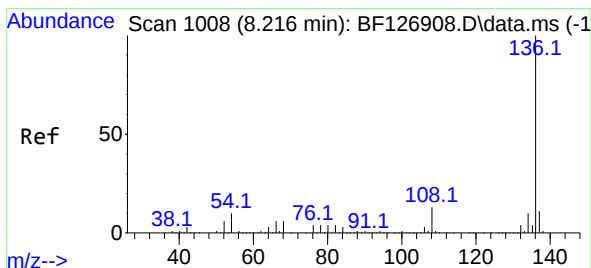
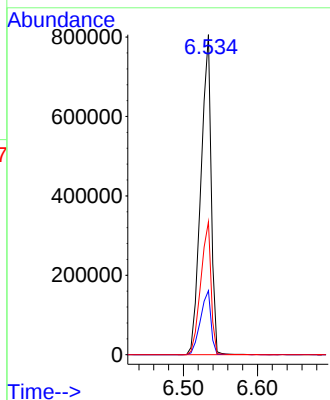
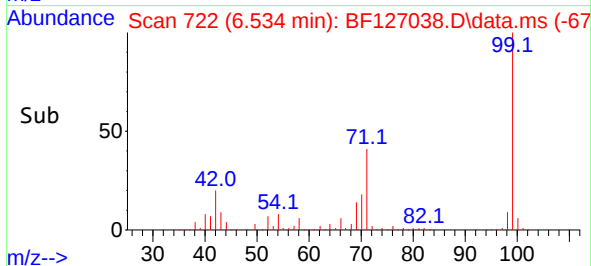
Instrument :
BNA_F
ClientSampleId :
RO-124019



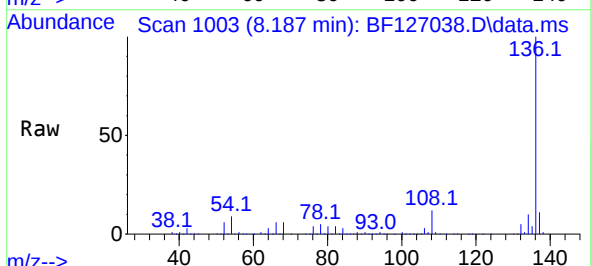
Tgt Ion: 99 Resp: 780680
Ion Ratio Lower Upper
99 100
42 20.0 14.2 21.4
71 41.5 24.3 36.5

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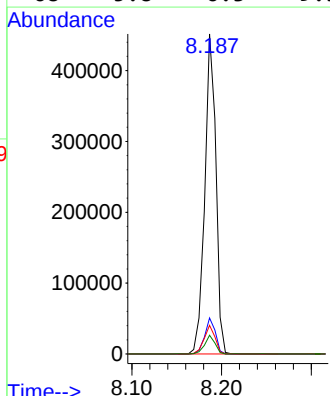
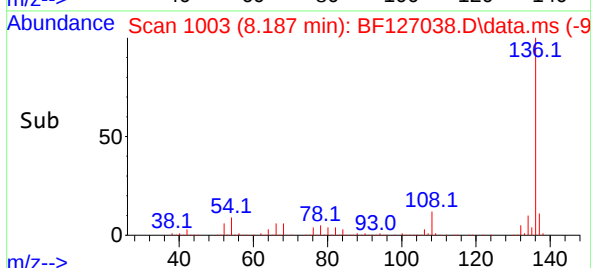
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35



Tgt Ion:136 Resp: 387752
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.0 7.8 11.6
68 5.8 6.3 9.5





#23

Nitrobenzene-d5

Concen: 64.297 ng

RT: 7.469 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127038.D

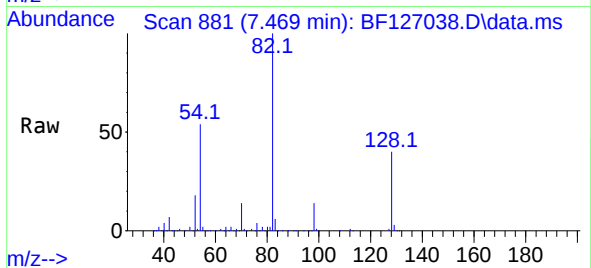
Acq: 23 Feb 2022 14:35

Instrument :

BNA_F

ClientSampleId :

RO-124019



Tgt Ion: 82 Resp: 55234

Ion Ratio Lower Upper

82 100

128 40.3 32.7 49.1

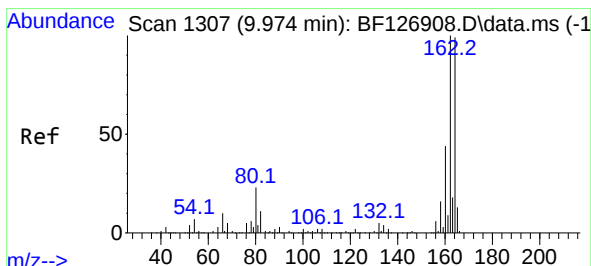
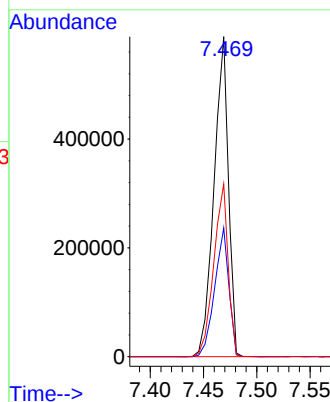
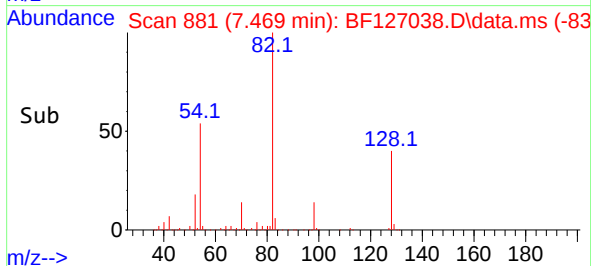
54 54.0 41.7 62.5

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF127038.D

Acq: 23 Feb 2022 14:35

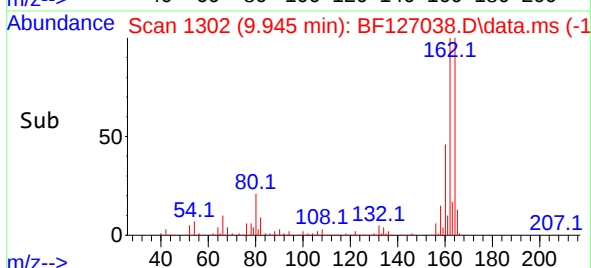
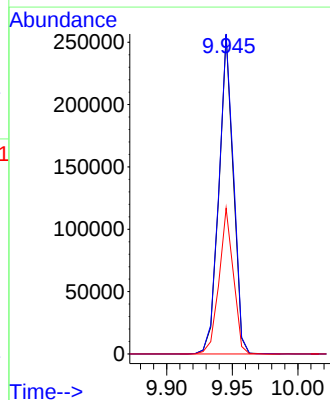
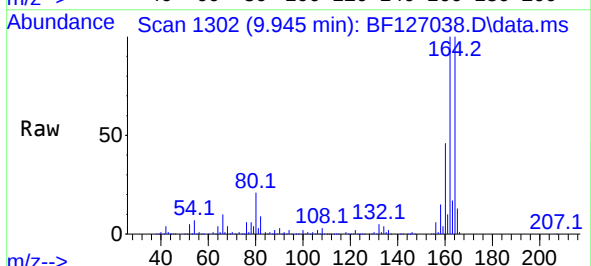
Tgt Ion:164 Resp: 194313

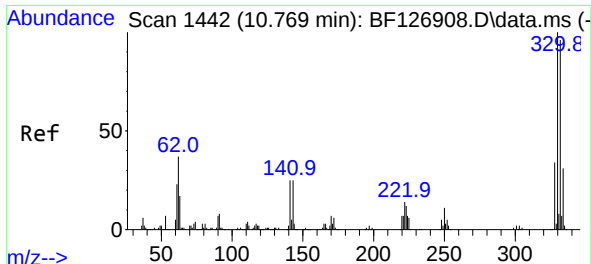
Ion Ratio Lower Upper

164 100

162 100.2 81.4 122.0

160 45.6 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 102.844 ng
RT: 10.739 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35

Instrument :

BNA_F

ClientSampleId :

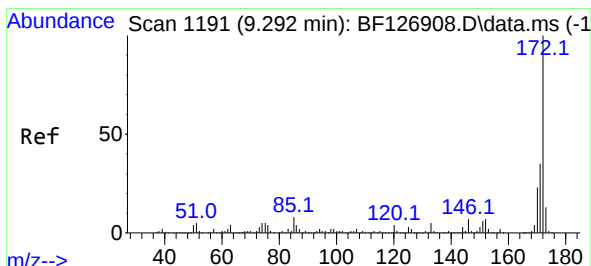
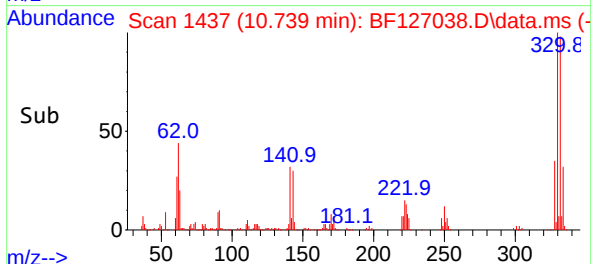
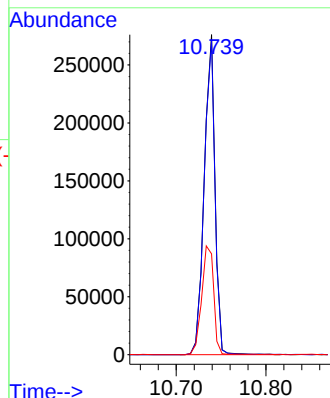
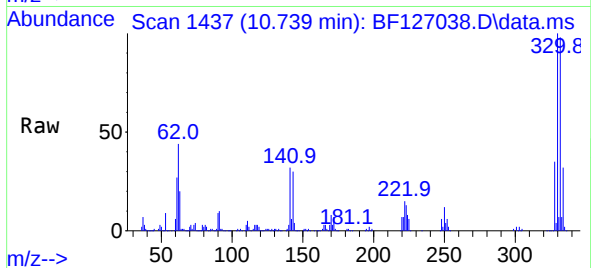
RO-124019

Tgt Ion:330 Resp: 23008
Ion Ratio Lower Upper
330 100
332 98.7 76.0 114.0
141 38.0 30.1 45.1

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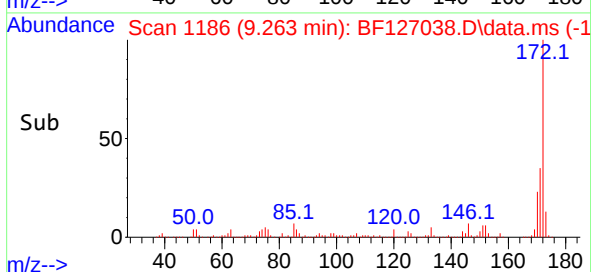
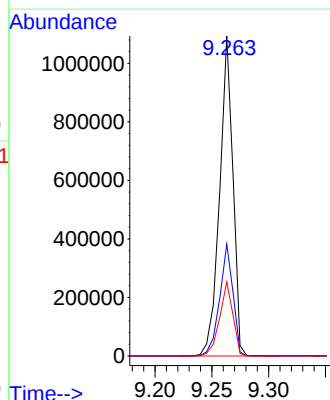
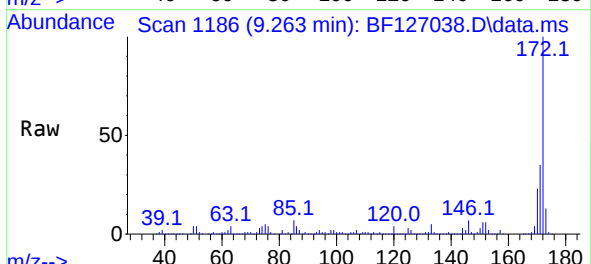
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#45
2-Fluorobiphenyl
Concen: 67.710 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35

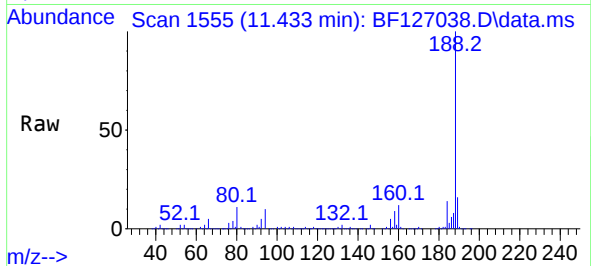
Tgt Ion:172 Resp: 893714
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.1 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35

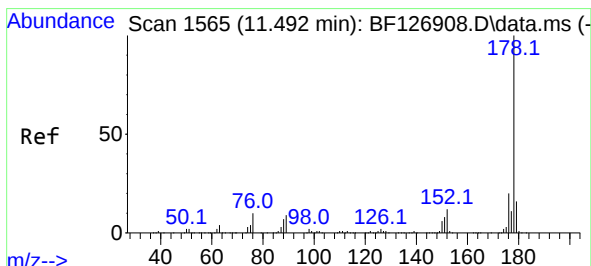
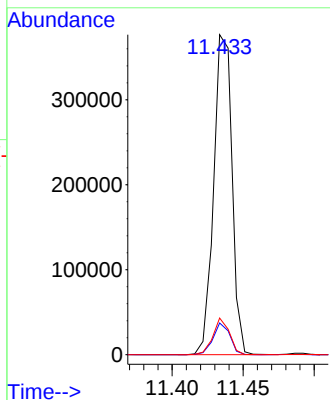
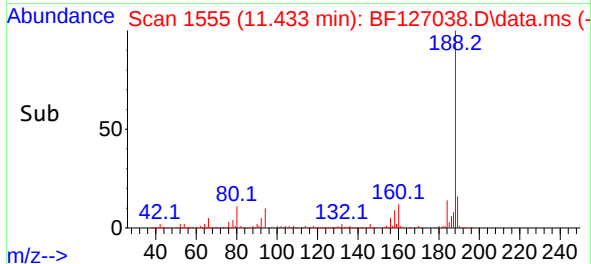
Instrument :
BNA_F
ClientSampleId :
RO-124019



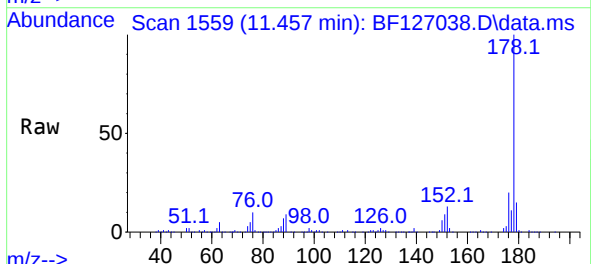
Tgt Ion:188 Resp: 33697
Ion Ratio Lower Upper
188 100
94 9.9 10.1 15.1
80 11.4 11.8 17.6

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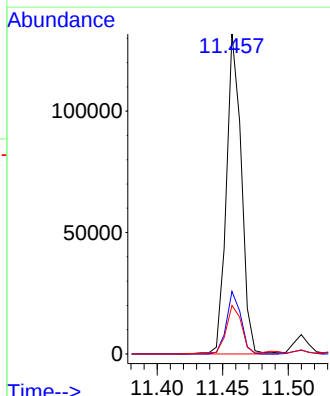
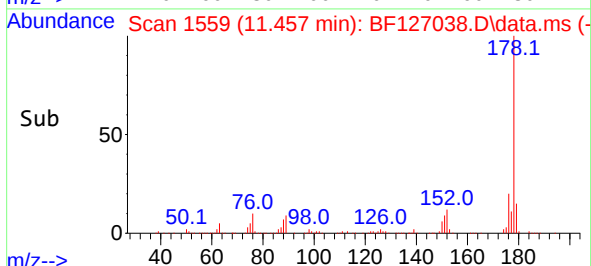
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022

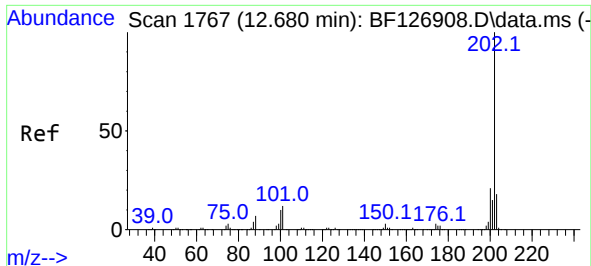


#71
Phenanthrene
Concen: 5.552 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35



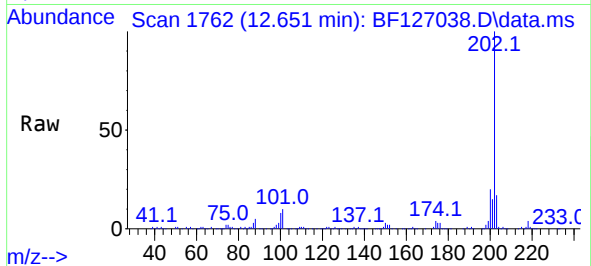
Tgt Ion:178 Resp: 104719
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.2 12.3 18.5





#75
Fluoranthene
Concen: 7.236 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35

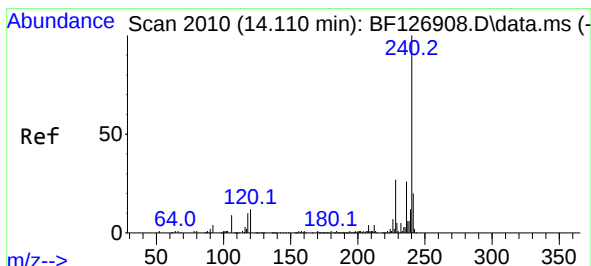
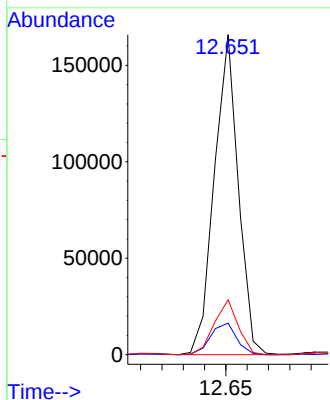
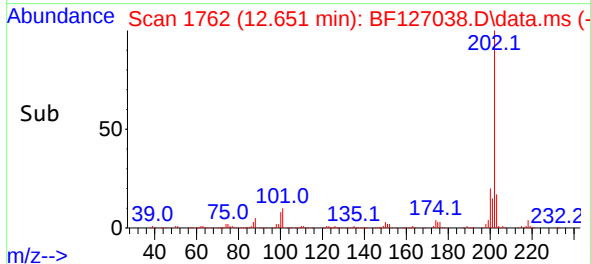
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 129578
Ion Ratio Lower Upper
202 100
101 9.8 0.0 35.7
203 17.1 0.0 37.1

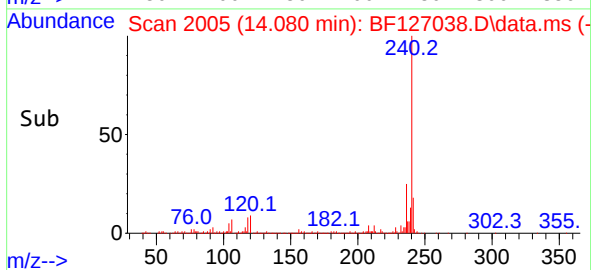
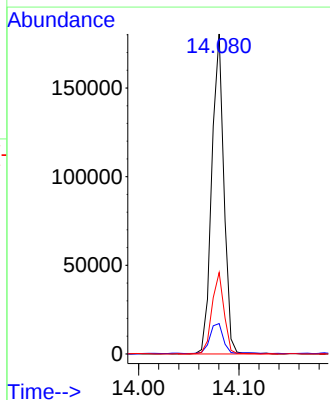
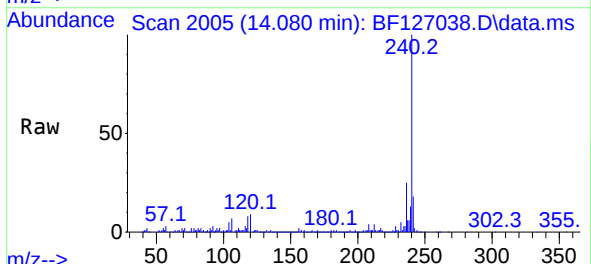
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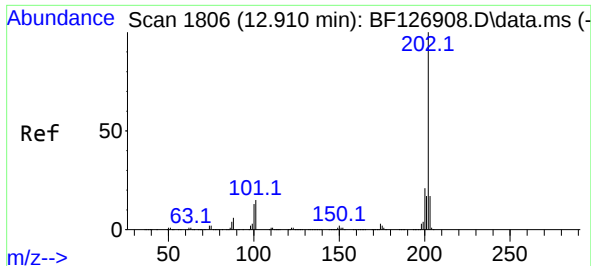
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35

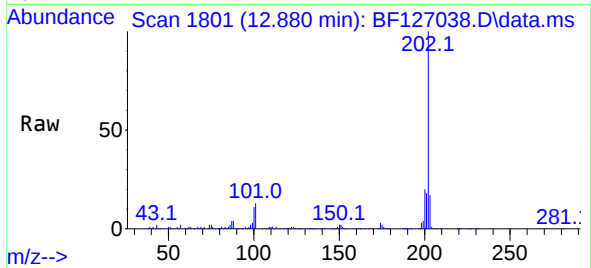
Tgt Ion:240 Resp: 151656
Ion Ratio Lower Upper
240 100
120 9.5 14.4 21.6#
236 25.5 20.5 30.7





#78
Pyrene
Concen: 9.211 ng
RT: 12.880 min Scan# 1806
Delta R.T. -0.012 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35

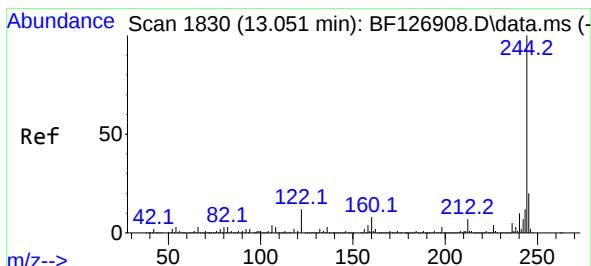
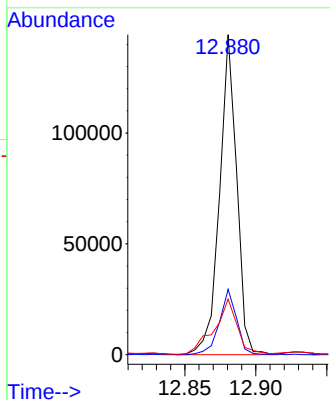
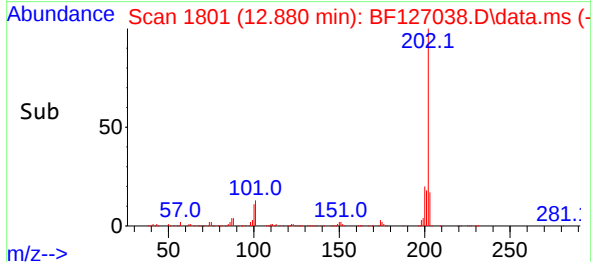
Instrument :
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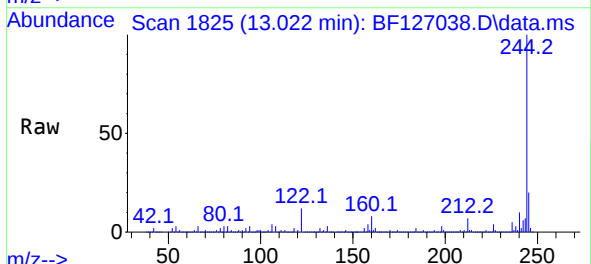
Tgt Ion:202 Resp: 121360
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.4 13.8 20.8

Manual Integrations
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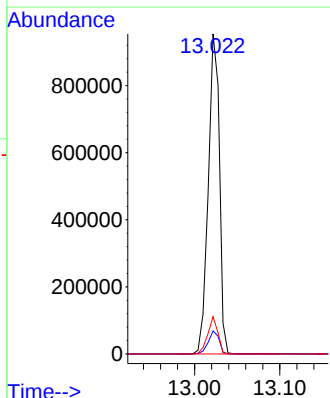
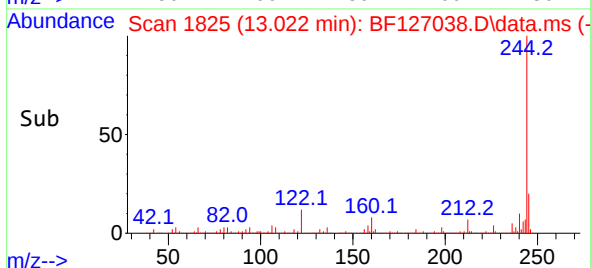
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022

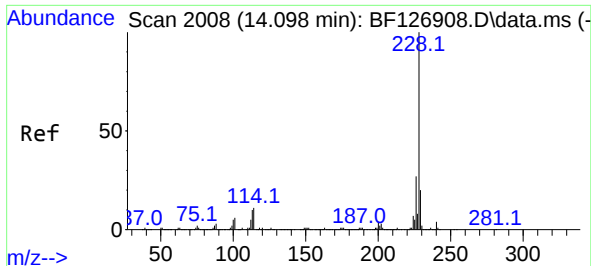


#79
Terphenyl-d14
Concen: 83.961 ng
RT: 13.022 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35



Tgt Ion:244 Resp: 866178
Ion Ratio Lower Upper
244 100
212 7.2 5.0 7.4
122 11.6 13.3 19.9#





#81

Benzo(a)anthracene

Concen: 3.090 ng

RT: 14.069 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF127038.D

Acq: 23 Feb 2022 14:35

Instrument :

BNA_F

ClientSampleId :

RO-124019

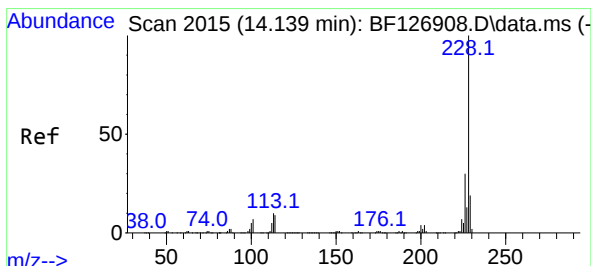
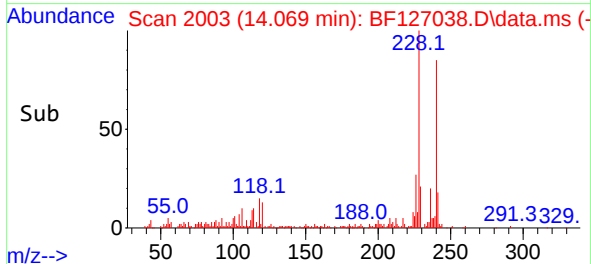
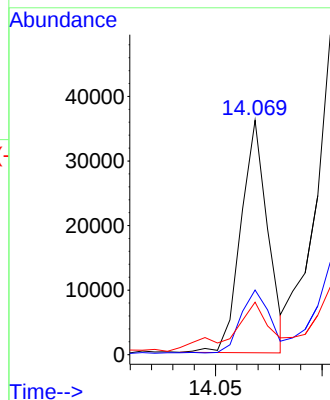
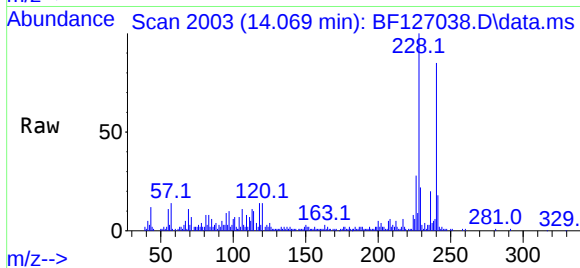
Tgt Ion:228	Resp:	31590
Ion Ratio	Lower	Upper
228	100	
226	27.6	21.4 32.0
229	22.4	15.4 23.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/24/2022

Supervised By :Jagrut Upadhyay 02/24/2022



#83

Chrysene

Concen: 4.686 ng

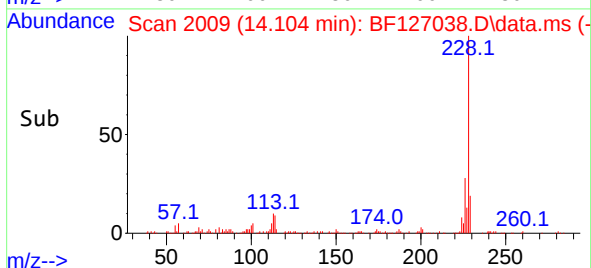
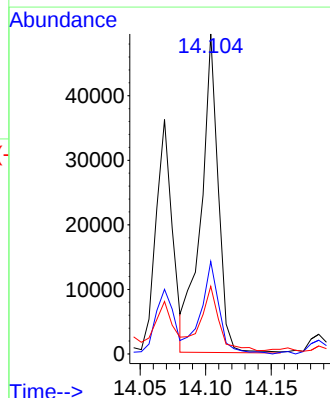
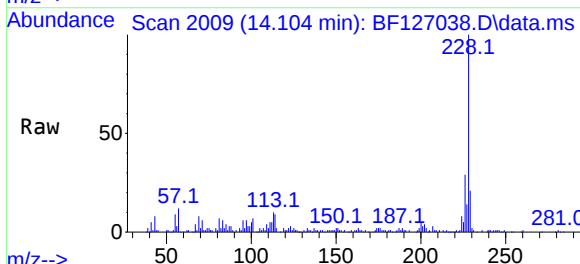
RT: 14.104 min Scan# 2009

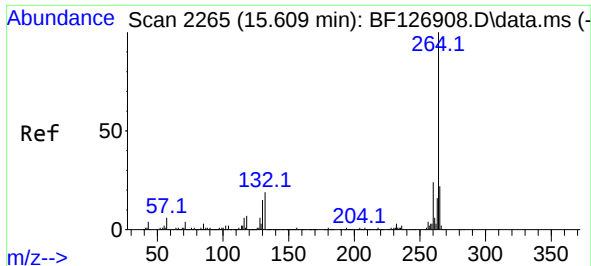
Delta R.T. -0.012 min

Lab File: BF127038.D

Acq: 23 Feb 2022 14:35

Tgt Ion:228	Resp:	45052
Ion Ratio	Lower	Upper
228	100	
226	28.9	23.7 35.5
229	21.2	15.5 23.3





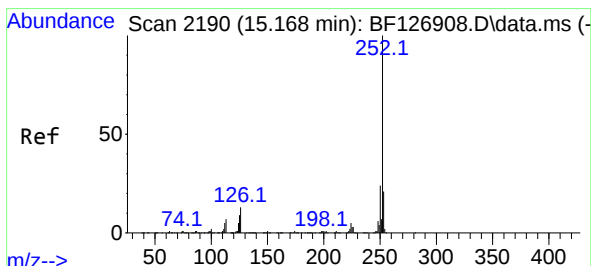
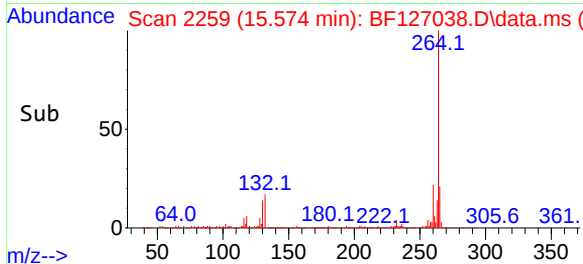
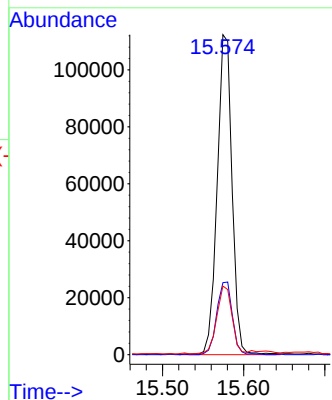
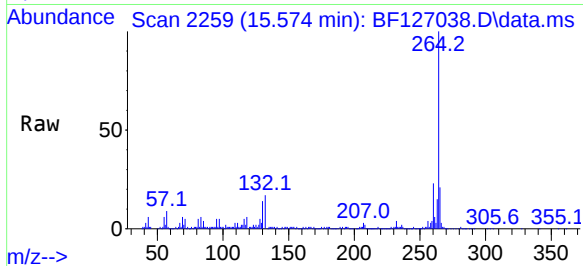
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35

Instrument :
BNA_F
ClientSampleId :
RO-124019

Tgt Ion:264 Resp: 14323
Ion Ratio Lower Upper
264 100
260 22.5 19.2 28.8
265 21.4 17.4 26.2

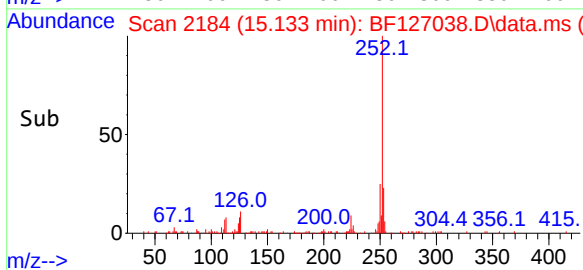
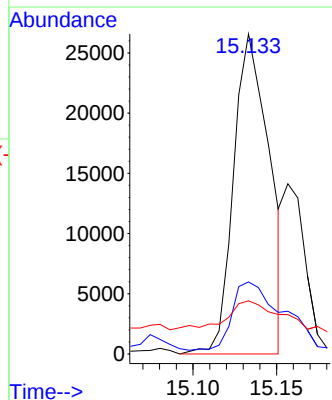
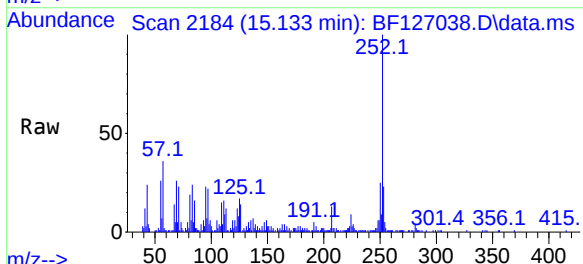
Manual Integrations
APPROVED

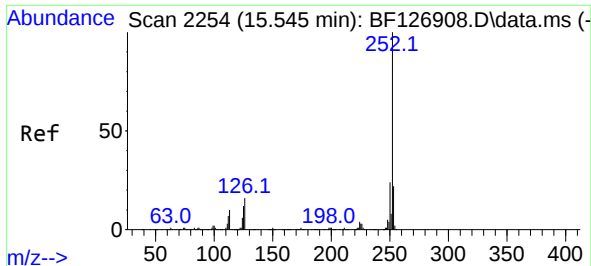
Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022



#88
Benzo(b)fluoranthene
Concen: 4.101 ng m
RT: 15.133 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35

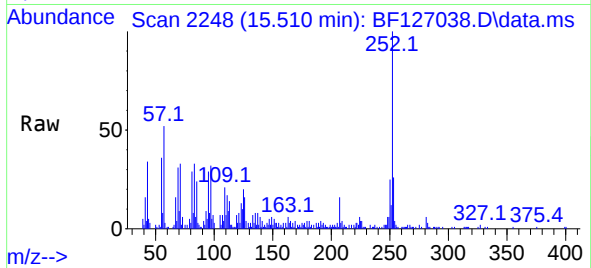
Tgt Ion:252 Resp: 39449
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 16.6 12.4 18.6





#90
Benzo(a)pyrene
Concen: 3.477 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35

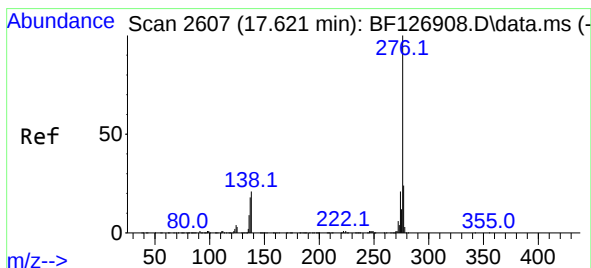
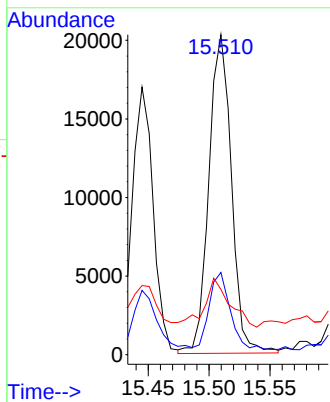
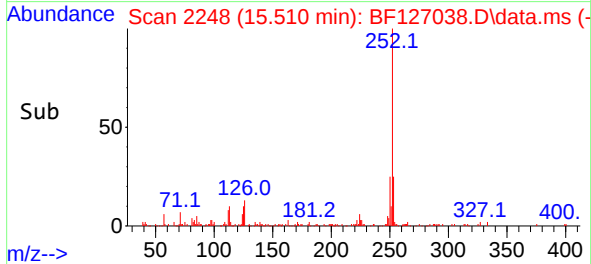
Instrument :
BNA_F
ClientSampleId :
RO-124019



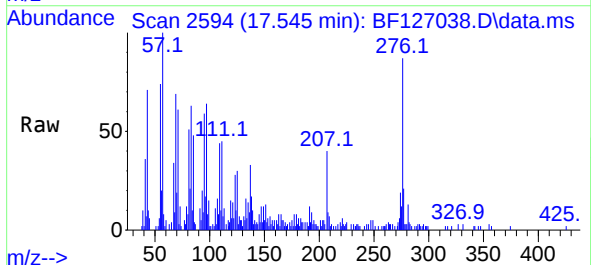
Tgt Ion:252 Resp: 2612
Ion Ratio Lower Upper
252 100
253 25.7 17.1 25.7
125 20.4 13.0 19.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022



#92
Benzo(g,h,i)perylene
Concen: 2.237 ng
RT: 17.545 min Scan# 2594
Delta R.T. -0.035 min
Lab File: BF127038.D
Acq: 23 Feb 2022 14:35



Tgt Ion:276 Resp: 17134
Ion Ratio Lower Upper
276 100
277 24.5 18.5 27.7
138 20.0 25.9 38.9

