

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126939.D
 Acq On : 17 Feb 2022 21:13
 Operator : CG\JU
 Sample : N1574-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021622

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/18/2022
 Supervised By : Jagrut Upadhyay 02/18/2022

Quant Time: Feb 18 03:46:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	96163	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	384949	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	185196	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	278997	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	169040	20.000	ng	#-0.01
86) Perylene-d12	15.604	264	152884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	648141	104.172	ng	0.00
7) Phenol-d6	6.551	99	851098	101.376	ng	0.00
23) Nitrobenzene-d5	7.492	82	605503	70.998	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	204741	96.020	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	956007	75.995	ng	0.00
79) Terphenyl-d14	13.045	244	752531	65.443	ng	0.00
Target Compounds						
10) Phenol	6.557	94	19615	2.312	ng	# 50
75) Fluoranthene	12.669	202	38004	2.563	ng	96
78) Pyrene	12.904	202	36017	2.452	ng	99
88) Benzo(b)fluoranthene	15.157	252	22230m	2.165	ng	

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

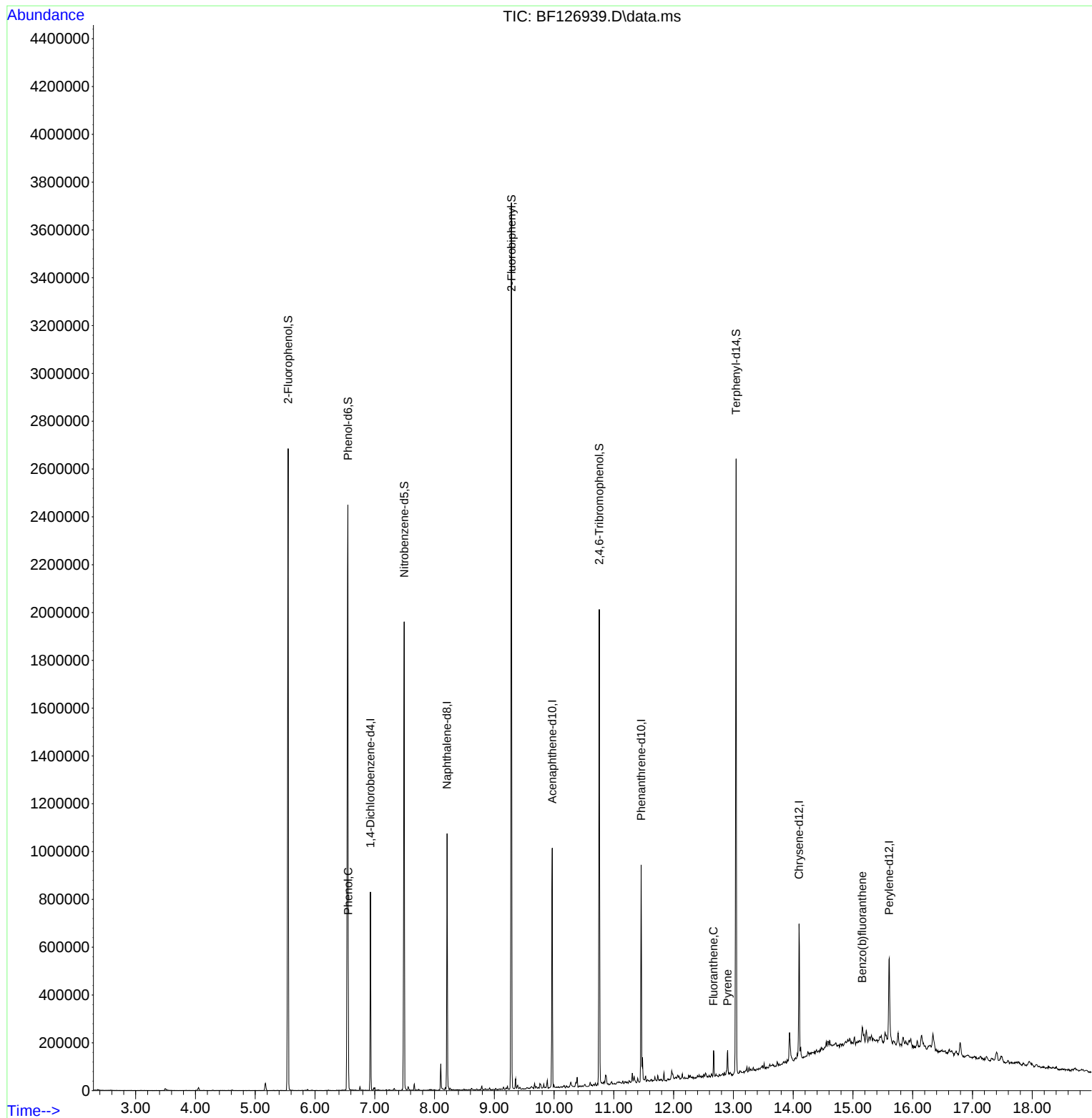
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
Data File : BF126939.D
Acq On : 17 Feb 2022 21:13
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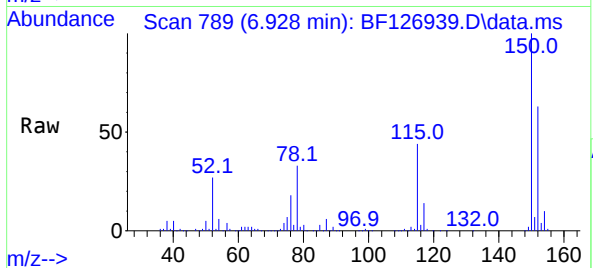
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 790
Delta R.T. -0.005 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Instrument :

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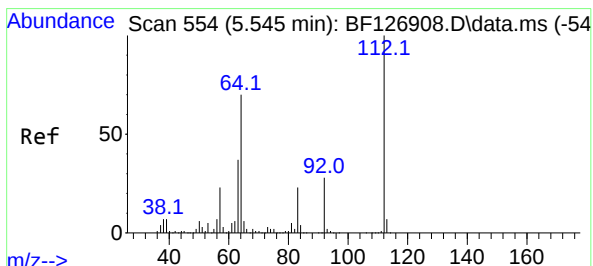
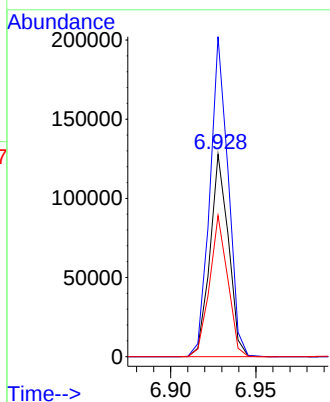


Tgt Ion:152 Resp: 9616
Ion Ratio Lower Upper
152 100
150 158.1 128.1 192.1
115 69.7 56.7 85.1

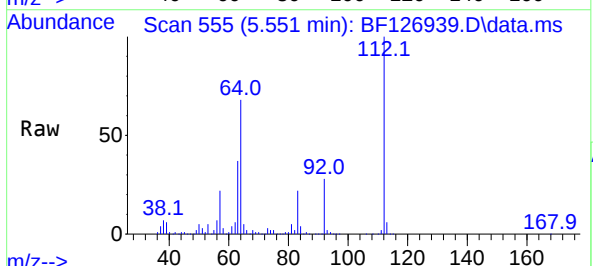
Manual Integrations

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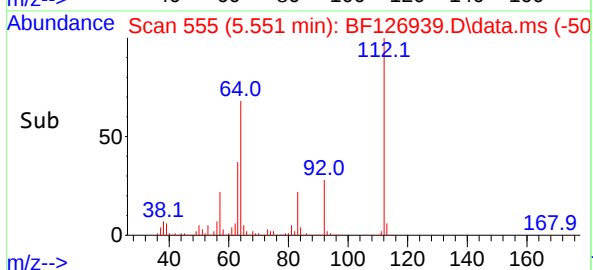
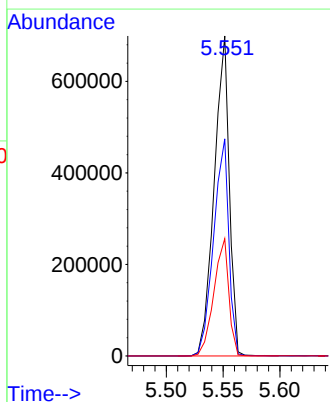
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#5
2-Fluorophenol
Concen: 104.172 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13



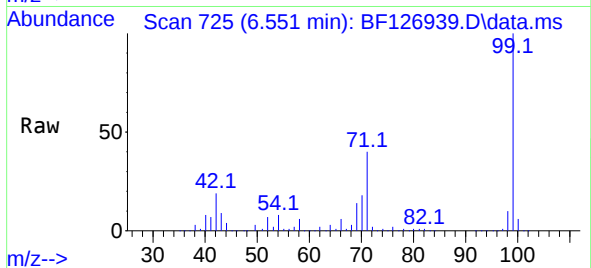
Tgt Ion:112 Resp: 648141
Ion Ratio Lower Upper
112 100
64 67.8 49.5 74.3
63 36.6 23.9 35.9





#7
Phenol-d6
Concen: 101.376 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

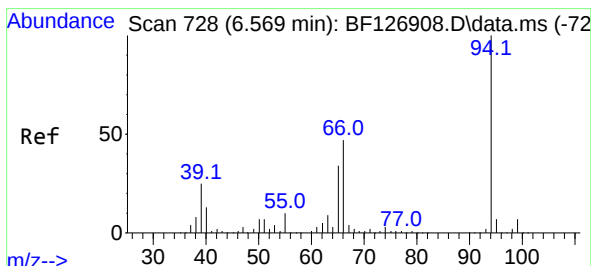
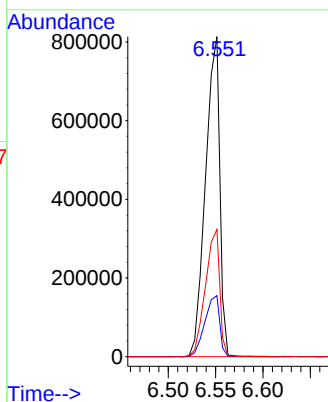
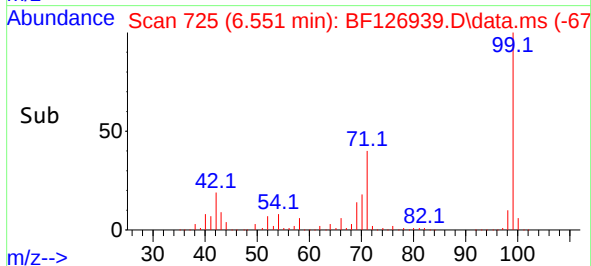
Instrument :
BNA_F
ClientSampleId :
CL-01-021622



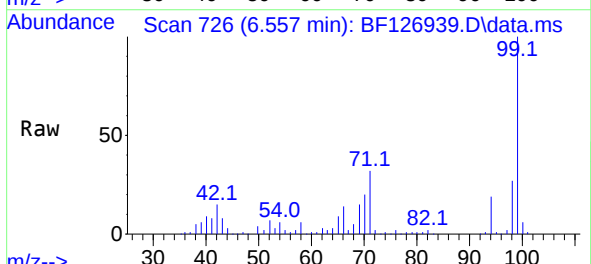
Tgt Ion: 99 Resp: 851098
Ion Ratio Lower Upper
99 100
42 19.1 14.2 21.4
71 39.8 24.3 36.5

Manual Integrations
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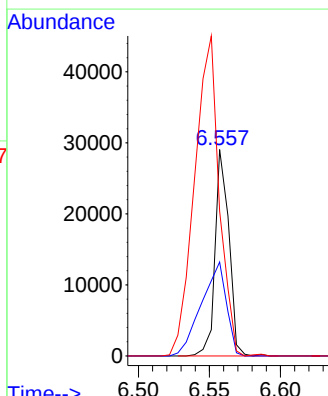
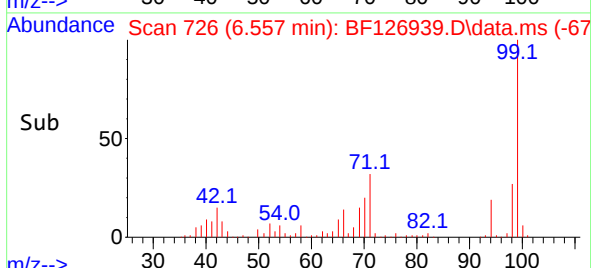
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Supervised By :Jagrut Upadhyay 02/18/2022

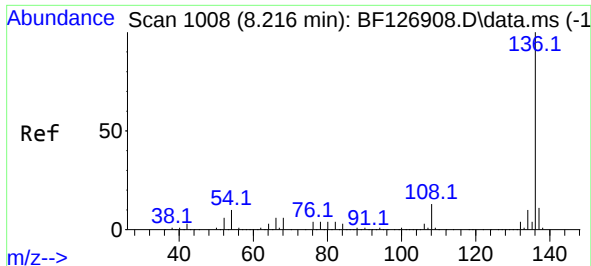


#10
Phenol
Concen: 2.312 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.012 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13



Tgt Ion: 94 Resp: 19615
Ion Ratio Lower Upper
94 100
65 45.5 7.2 47.2
66 70.2 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Instrument :

BNA_F

ClientSampleId :

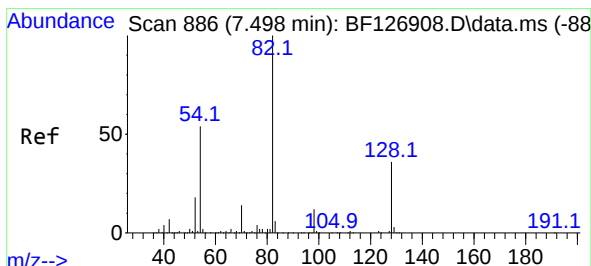
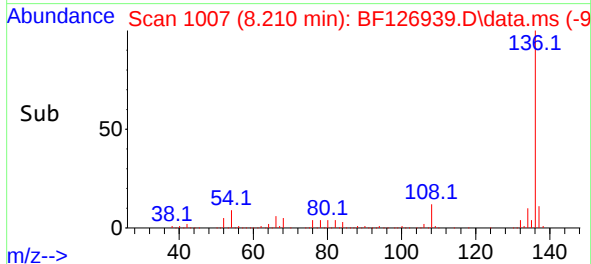
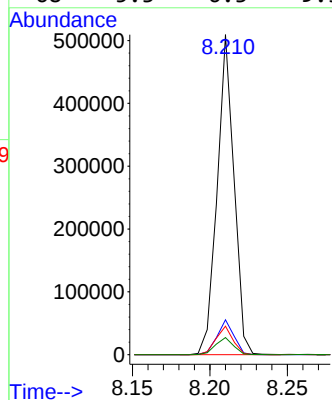
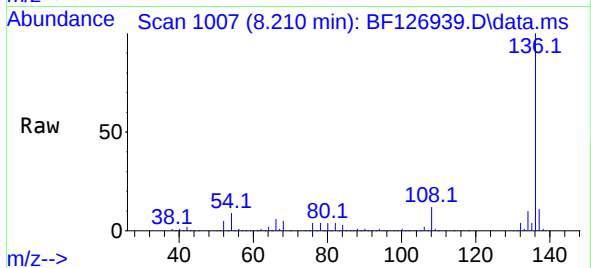
CL-01-021622

Tgt Ion:136 Resp: 384949
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.9 7.8 11.6
68 5.3 6.3 9.5#

Manual Integrations

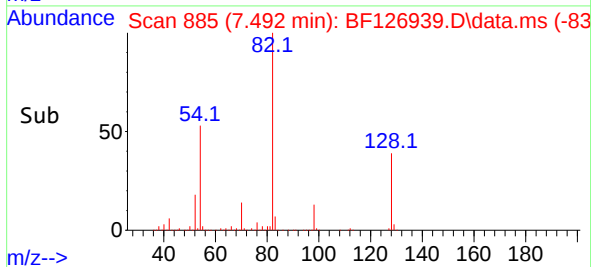
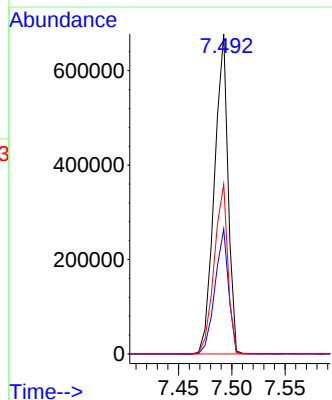
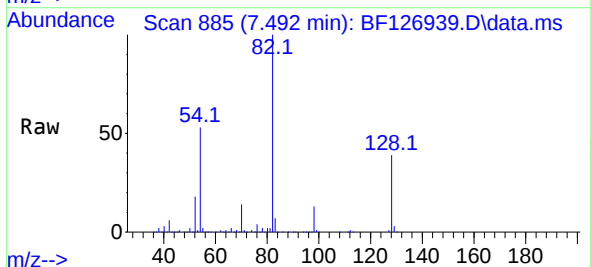
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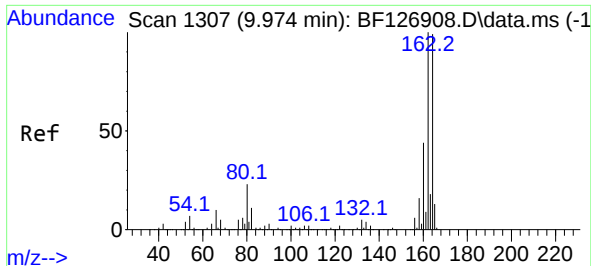
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#23
Nitrobenzene-d5
Concen: 70.998 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Tgt Ion: 82 Resp: 605503
Ion Ratio Lower Upper
82 100
128 39.1 32.7 49.1
54 53.1 41.7 62.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126939.D

Acq: 17 Feb 2022 21:13

Instrument :

BNA_F

ClientSampleId :

CL-01-021622

Tgt Ion:164 Resp: 185190

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

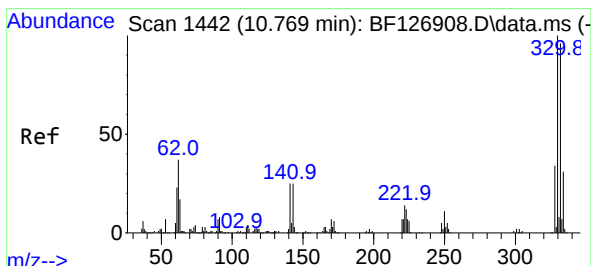
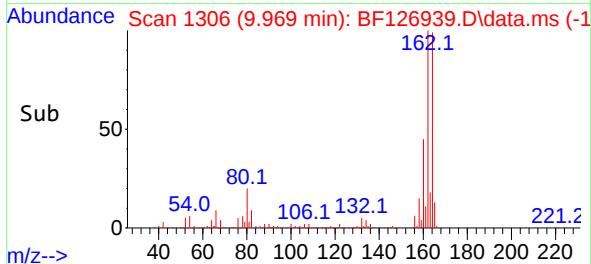
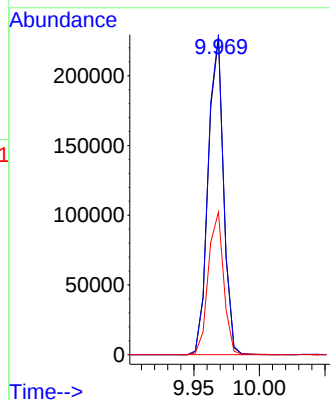
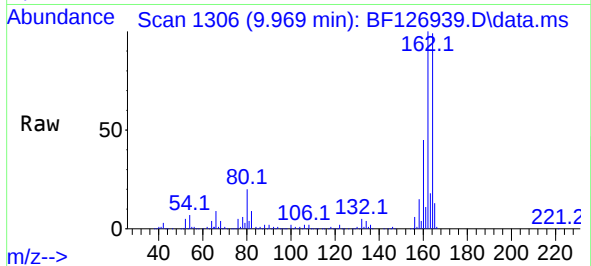
160 45.0 36.6 54.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/18/2022

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#42

2,4,6-Tribromophenol

Concen: 96.020 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF126939.D

Acq: 17 Feb 2022 21:13

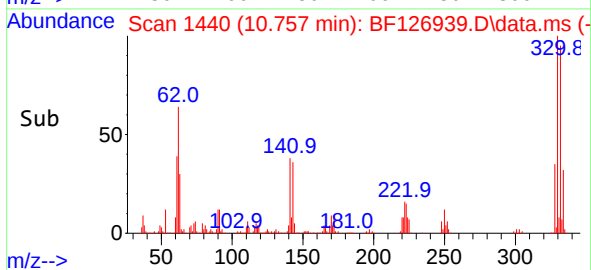
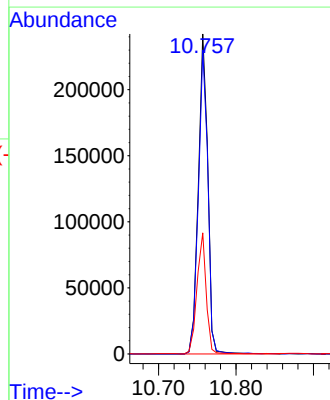
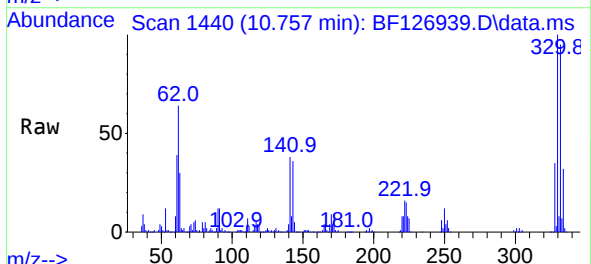
Tgt Ion:330 Resp: 204741

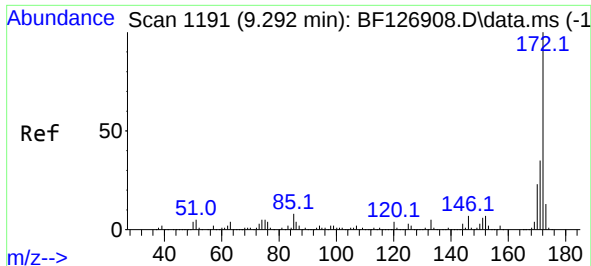
Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

141 37.2 30.1 45.1





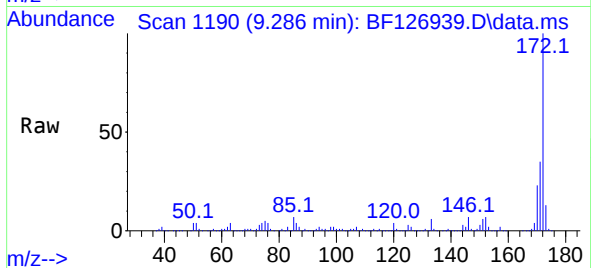
#45
2-Fluorobiphenyl
Concen: 75.995 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Instrument :

BNA_F

ClientSampleId :

CL-01-021622

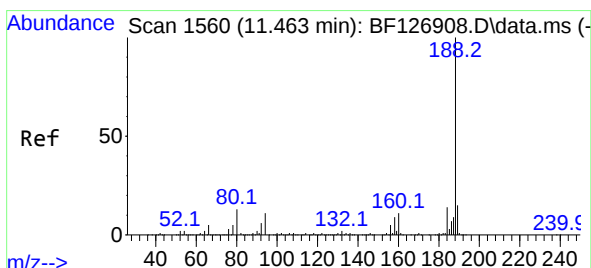
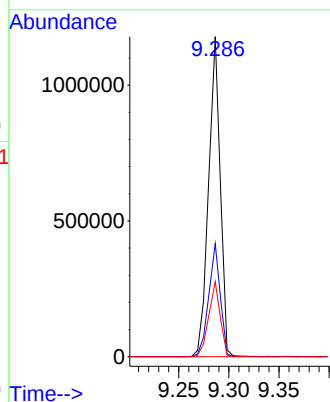
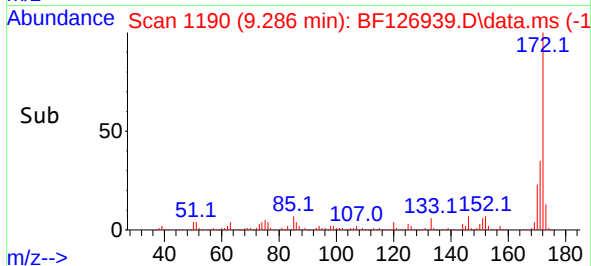


Tgt Ion:172 Resp: 95600
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.4 19.0 28.6

Manual Integrations

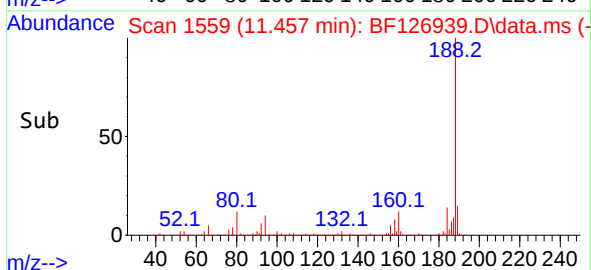
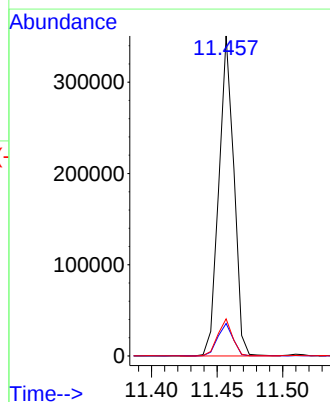
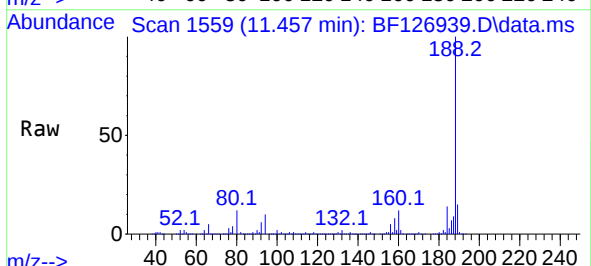
APPROVED

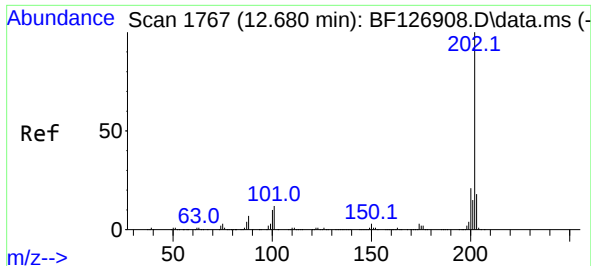
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Tgt Ion:188 Resp: 278997
Ion Ratio Lower Upper
188 100
94 10.1 10.1 15.1
80 11.6 11.8 17.6#





#75
Fluoranthene
Concen: 2.563 ng
RT: 12.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Instrument :

BNA_F

ClientSampleId :

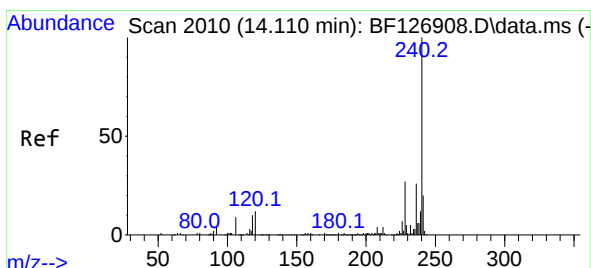
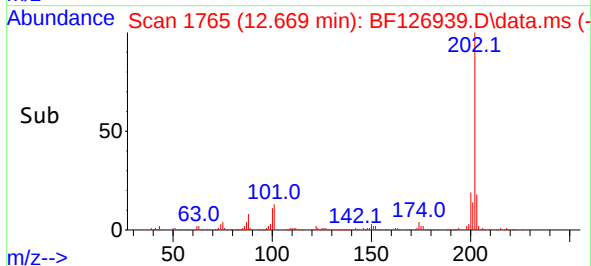
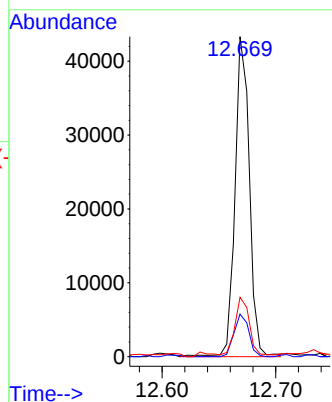
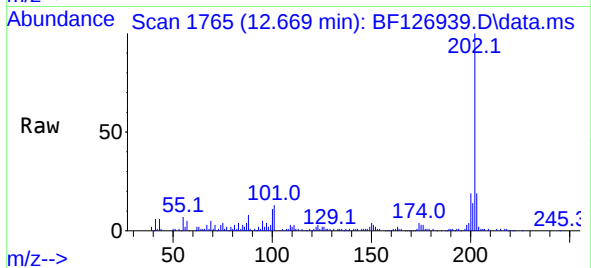
CL-01-021622

Tgt Ion:202 Resp: 38004
Ion Ratio Lower Upper
202 100
101 13.3 0.0 35.7
203 18.5 0.0 37.1

Manual Integrations

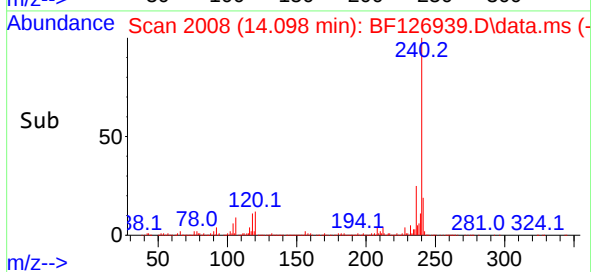
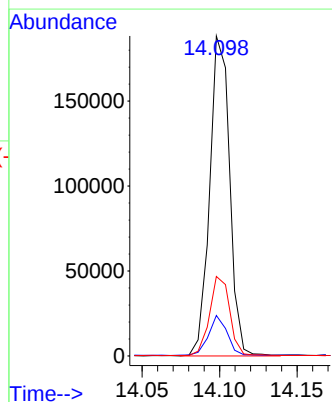
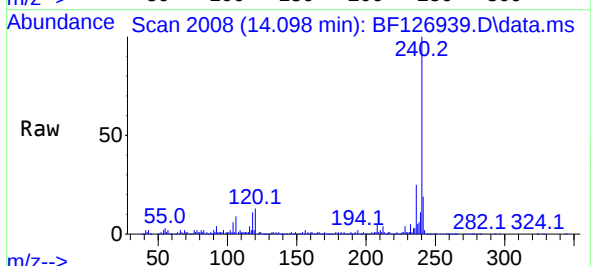
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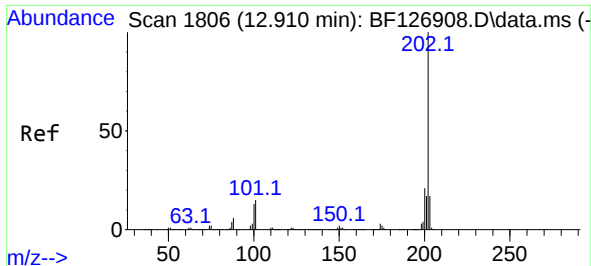
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Tgt Ion:240 Resp: 169040
Ion Ratio Lower Upper
240 100
120 12.6 14.4 21.6#
236 24.8 20.5 30.7





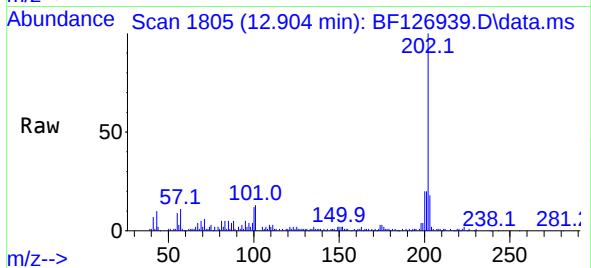
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Pyrene
Concen: 2.452 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Instrument :

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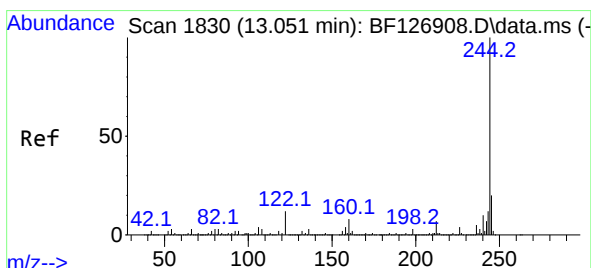
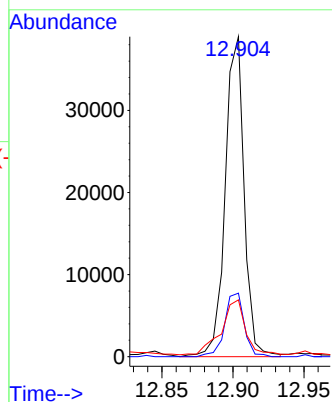


Tgt Ion:202 Resp: 3601
Ion Ratio Lower Upper
202 100
200 19.8 16.6 24.8
203 17.7 13.8 20.8

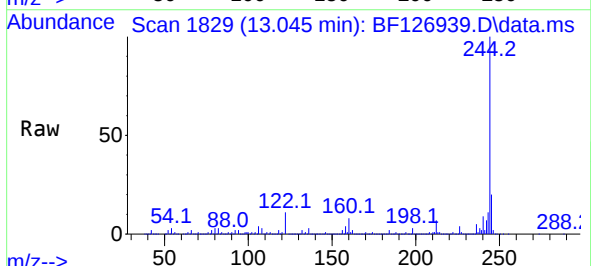
Manual Integrations

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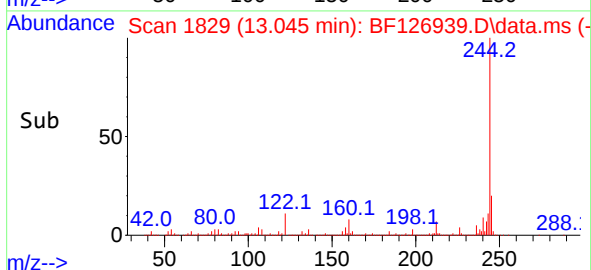
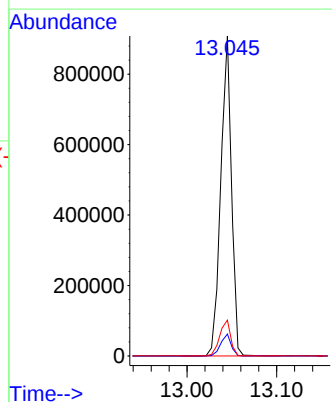
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

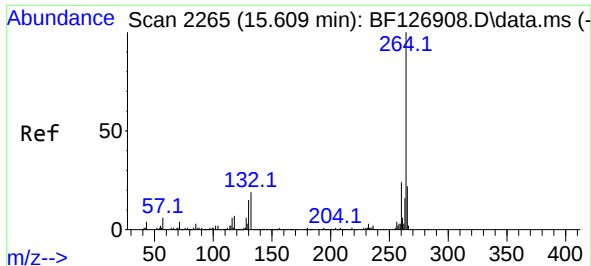


#79
Terphenyl-d14
Concen: 65.443 ng
RT: 13.045 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13



Tgt Ion:244 Resp: 752531
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 11.2 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Instrument :

BNA_F

ClientSampleId :

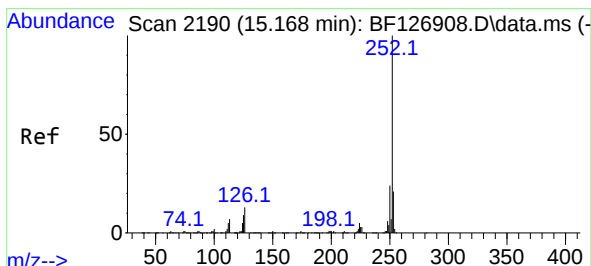
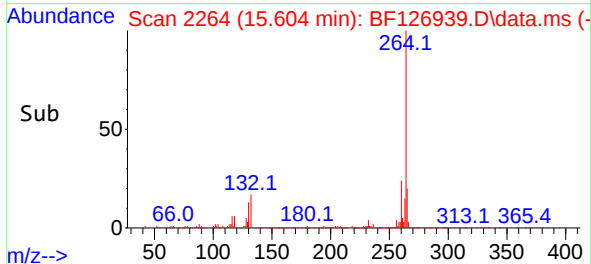
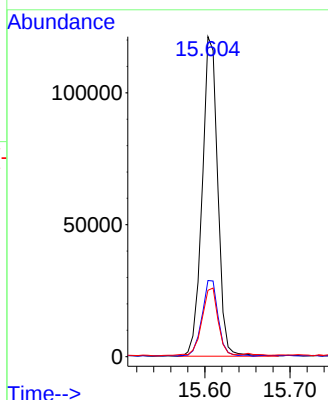
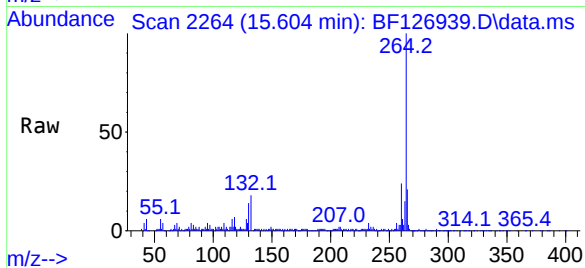
CL-01-021622

Tgt Ion:264 Resp: 152884
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 20.7 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#88
Benzo(b)fluoranthene
Concen: 2.165 ng m
RT: 15.157 min Scan# 2188
Delta R.T. -0.012 min
Lab File: BF126939.D
Acq: 17 Feb 2022 21:13

Tgt Ion:252 Resp: 22230
Ion Ratio Lower Upper
252 100
253 31.9 17.8 26.8#
125 21.3 12.4 18.6#

