

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127232.D
 Acq On : 07 Mar 2022 20:51
 Operator : CG\JU
 Sample : N1730-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15-16-SAMPLE-LOCATION-8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2022
 Supervised By : Jagrut Upadhyay 03/08/2022

Quant Time: Mar 08 00:03:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	99002	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	408241	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	207678	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	375273	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	238541	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	182991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	606977	94.758	ng	0.00
7) Phenol-d6	6.510	99	794132	91.878	ng	0.00
23) Nitrobenzene-d5	7.439	82	548857	60.685	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	246668	103.160	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	861864	61.094	ng	0.00
79) Terphenyl-d14	12.998	244	975817	60.136	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.522	94	23417	2.681	ng	87
75) Fluoranthene	12.627	202	321032	16.097	ng	96
78) Pyrene	12.857	202	284673	13.736	ng	99
81) Benzo(a)anthracene	14.045	228	136866	8.511	ng	95
83) Chrysene	14.080	228	111401	7.367	ng	97
87) Indeno(1,2,3-cd)pyrene	17.051	276	52403	4.367	ng	# 85
88) Benzo(b)fluoranthene	15.110	252	122391m	9.958	ng	
89) Benzo(k)fluoranthene	15.133	252	36221m	3.055	ng	
90) Benzo(a)pyrene	15.480	252	90720m	9.450	ng	
92) Benzo(g,h,i)perylene	17.509	276	55003	5.622	ng	# 85

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

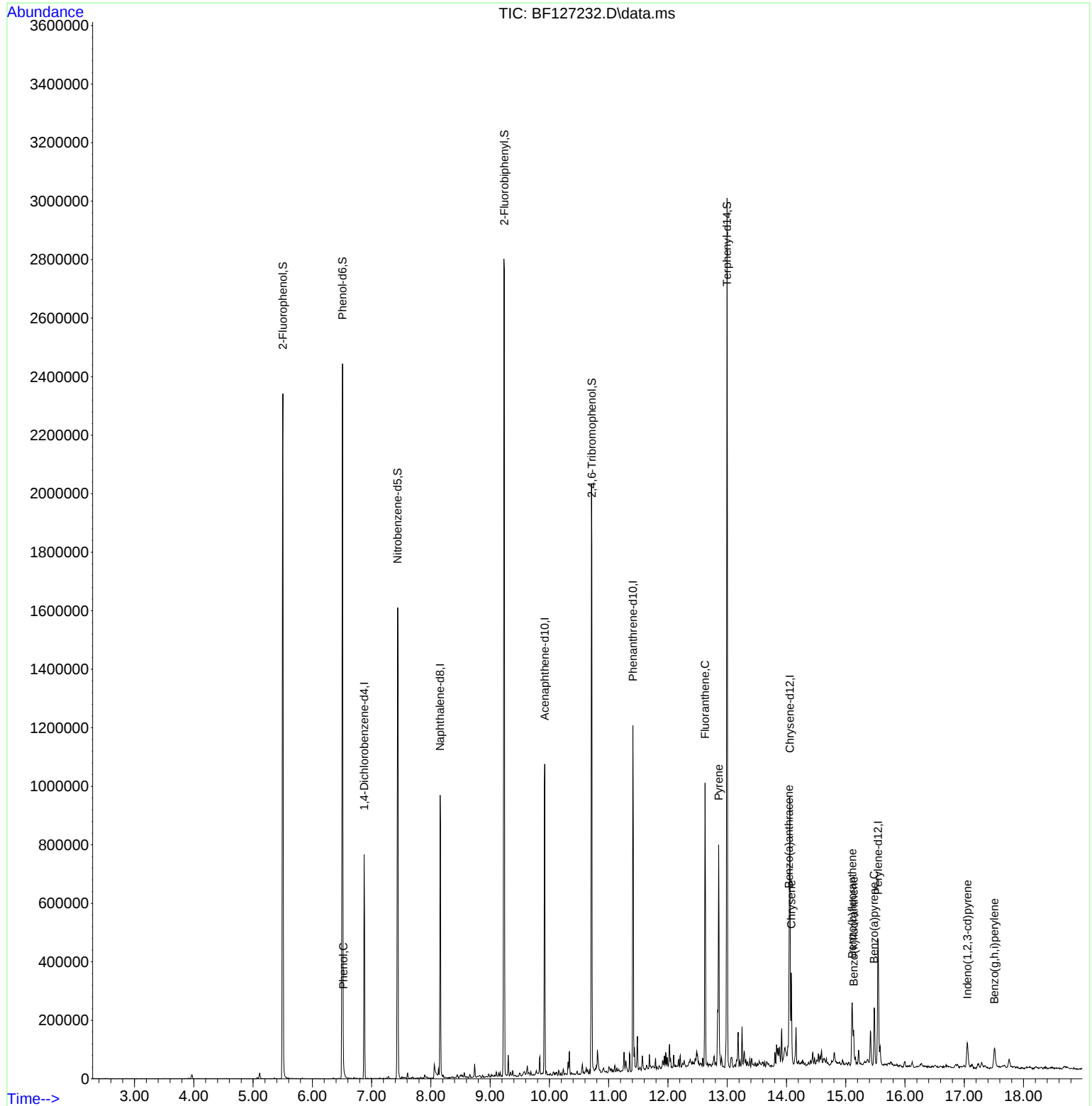
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127232.D
Acq On : 07 Mar 2022 20:51
Operator : CG\JU
Sample : N1730-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

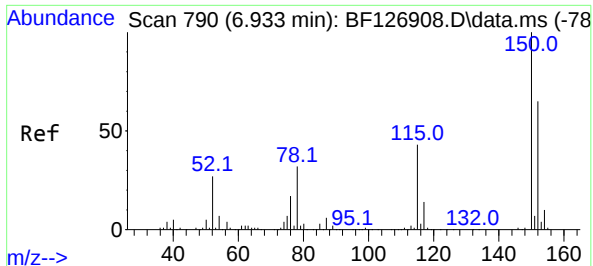
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Quant Time: Mar 08 00:03:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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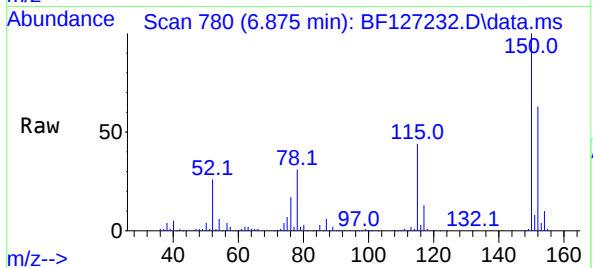
Reviewed By : Christian Giraldo 03/08/2022
Supervised By : Jagrut Upadhyay 03/08/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51

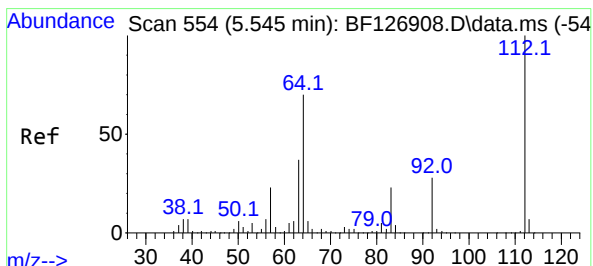
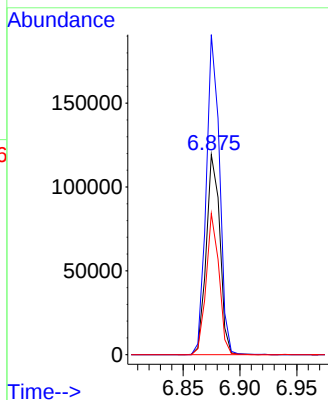
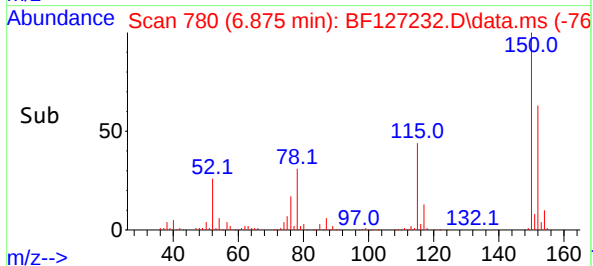
Instrument :
BNA_F
ClientSampleId :
15-16-SAMPLE-LOCATION-8



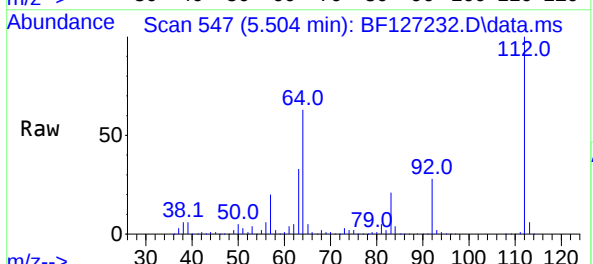
Tgt Ion:152 Resp: 9900
Ion Ratio Lower Upper
152 100
150 160.0 128.1 192.1
115 70.5 56.7 85.1

Manual Integrations
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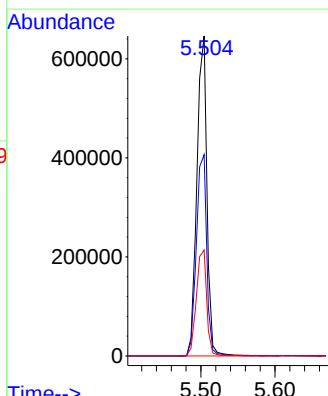
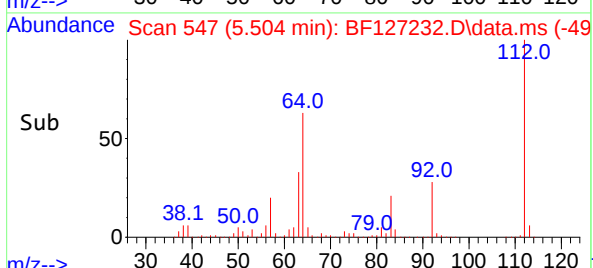
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

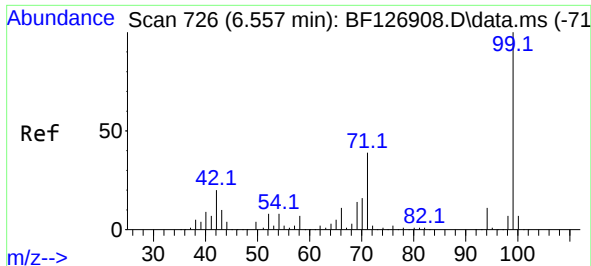


#5
2-Fluorophenol
Concen: 94.758 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51



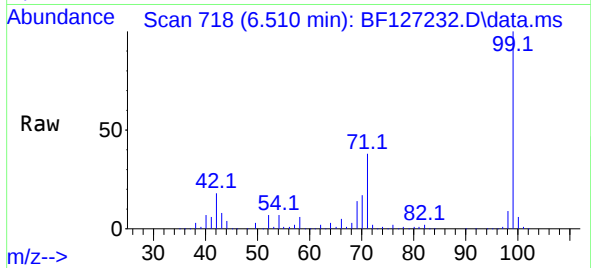
Tgt Ion:112 Resp: 606977
Ion Ratio Lower Upper
112 100
64 62.9 49.5 74.3
63 33.1 23.9 35.9





#7
Phenol-d6
Concen: 91.878 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51

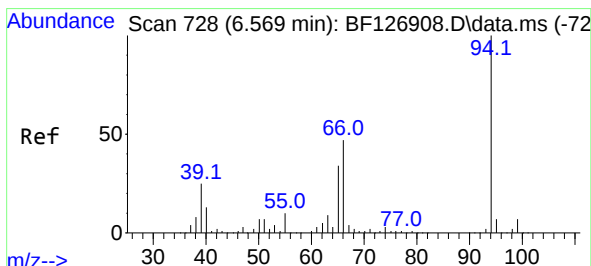
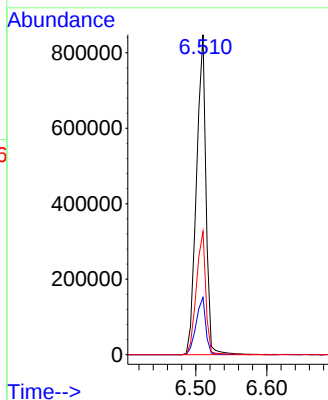
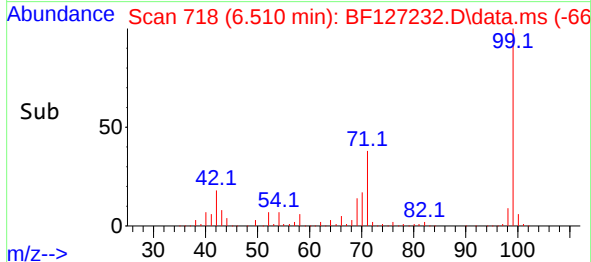
Instrument :
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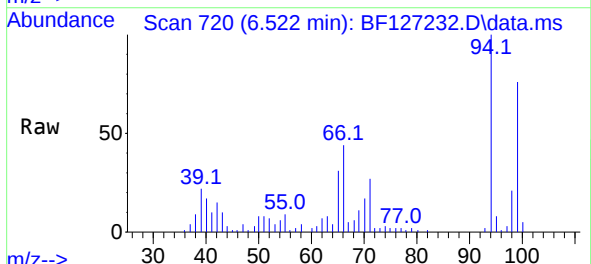
Tgt Ion: 99 Resp: 79413
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 38.5 24.3 36.5

Manual Integrations
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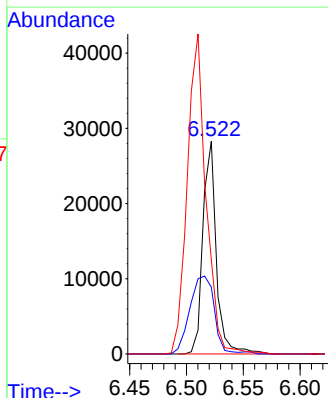
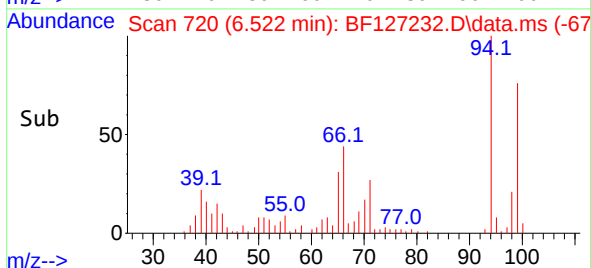
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

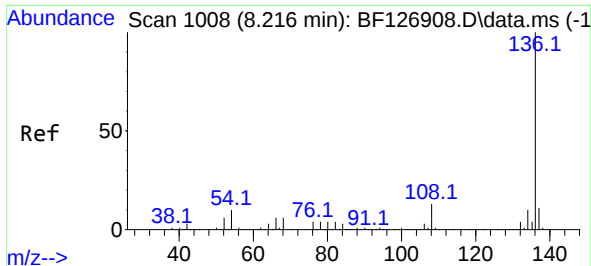


#10
Phenol
Concen: 2.681 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.006 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51



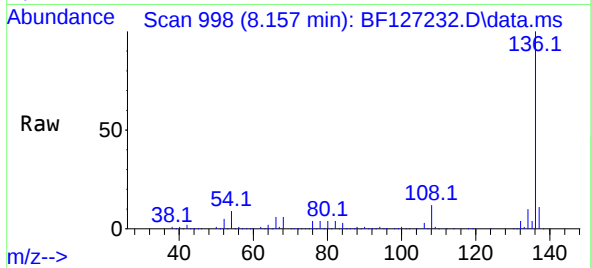
Tgt Ion: 94 Resp: 23417
Ion Ratio Lower Upper
94 100
65 31.4 7.2 47.2
66 44.3 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51

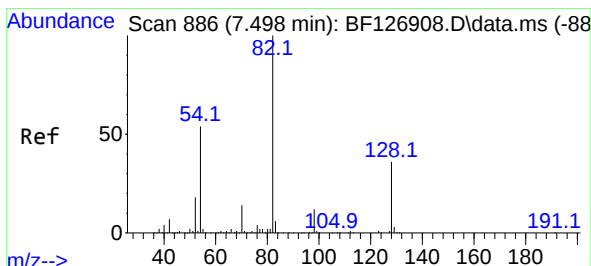
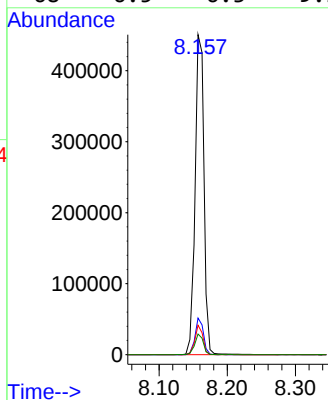
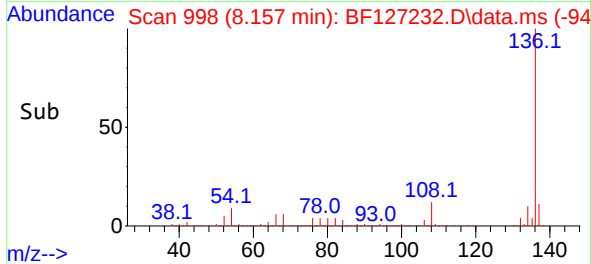
Instrument :
BNA_F
ClientSampleId :
15-16-SAMPLE-LOCATION-8



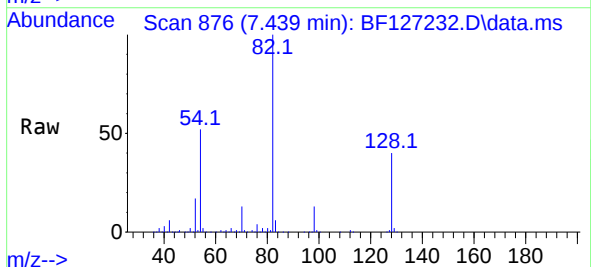
Tgt Ion:136 Resp: 40824
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.2 7.8 11.6
68 6.5 6.3 9.5

Manual Integrations
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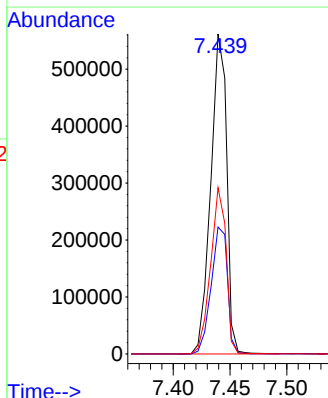
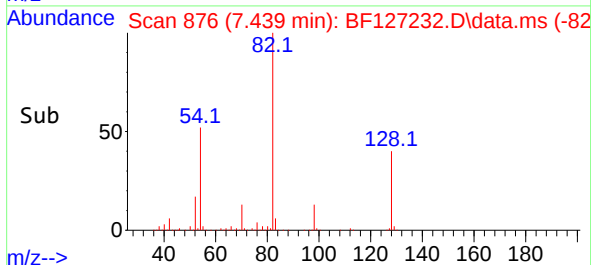
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

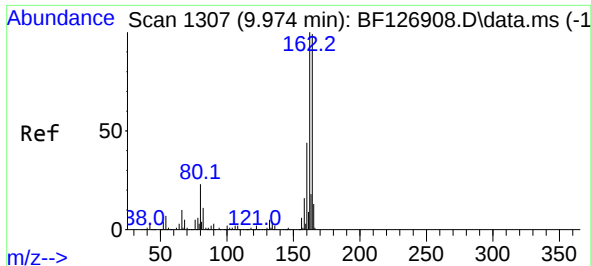


#23
Nitrobenzene-d5
Concen: 60.685 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51



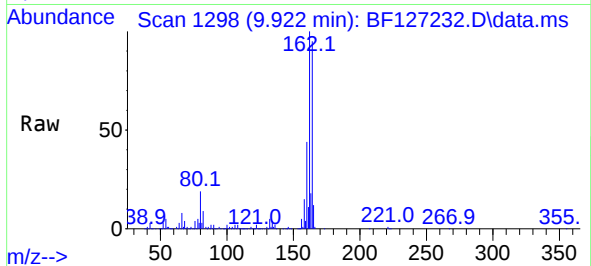
Tgt Ion: 82 Resp: 548857
Ion Ratio Lower Upper
82 100
128 39.7 32.7 49.1
54 51.9 41.7 62.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51

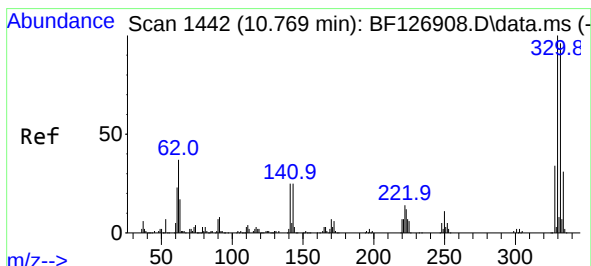
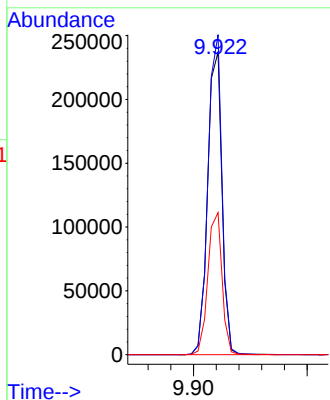
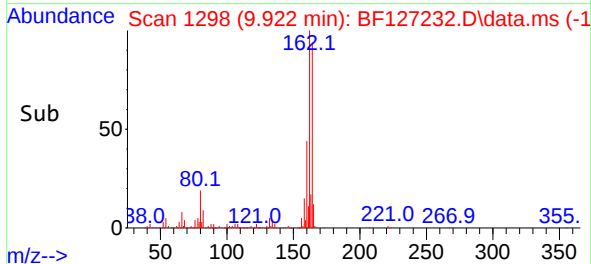
Instrument :
BNA_F
ClientSampleId :
15-16-SAMPLE-LOCATION-8



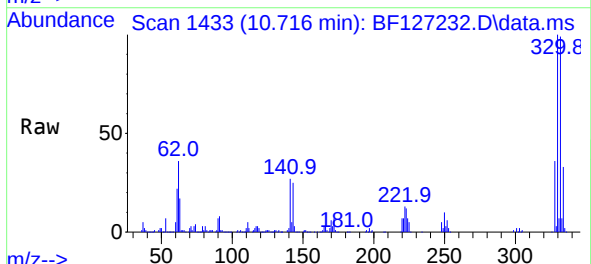
Tgt Ion:164 Resp: 207678
Ion Ratio Lower Upper
164 100
162 105.8 81.4 122.0
160 46.9 36.6 54.8

Manual Integrations
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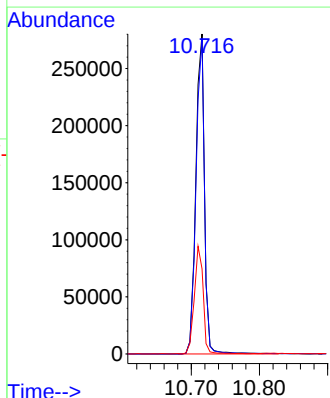
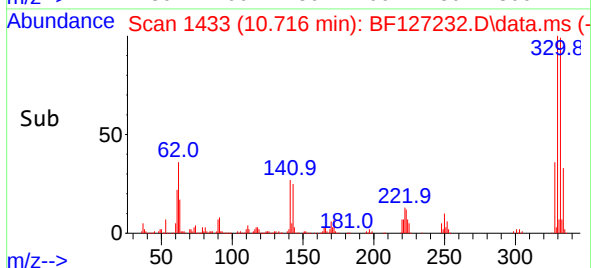
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

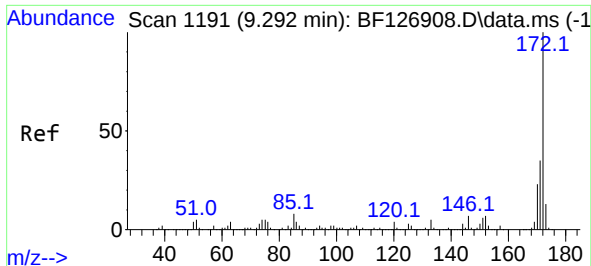


#42
2,4,6-Tribromophenol
Concen: 103.160 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51



Tgt Ion:330 Resp: 246668
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 34.6 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 61.094 ng

RT: 9.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127232.D

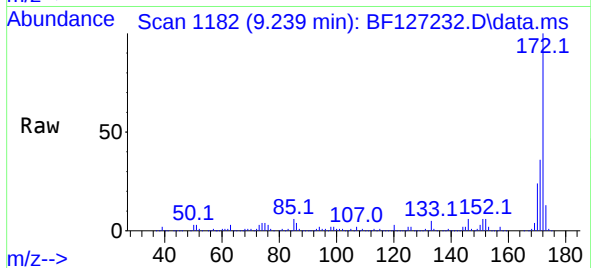
Acq: 07 Mar 2022 20:51

Instrument :

BNA_F

ClientSampleId :

15-16-SAMPLE-LOCATION-8



Tgt Ion:172 Resp: 861864

Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

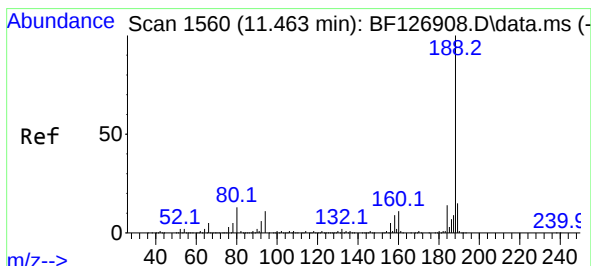
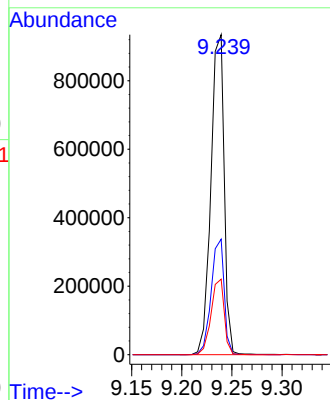
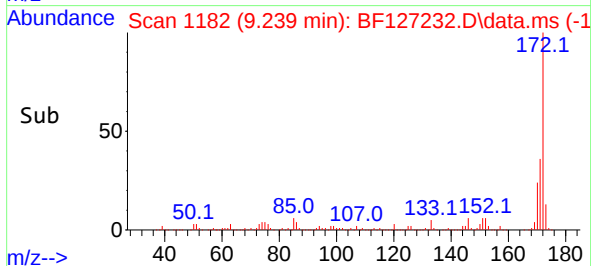
170 23.6 19.0 28.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2022

Supervised By :Jagrut Upadhyay 03/08/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1551

Delta R.T. -0.006 min

Lab File: BF127232.D

Acq: 07 Mar 2022 20:51

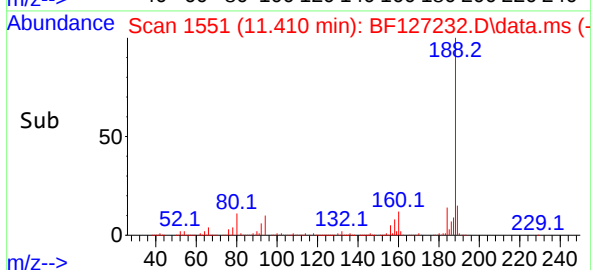
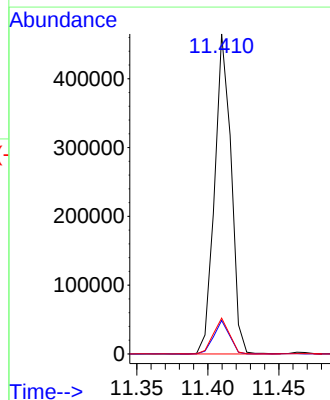
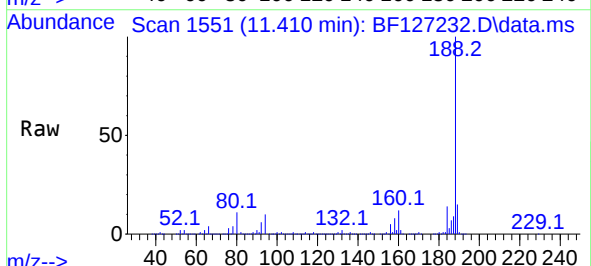
Tgt Ion:188 Resp: 375273

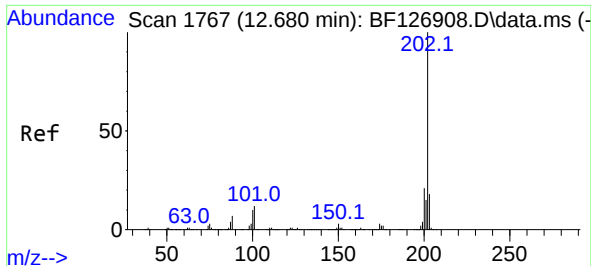
Ion Ratio Lower Upper

188 100

94 10.4 10.1 15.1

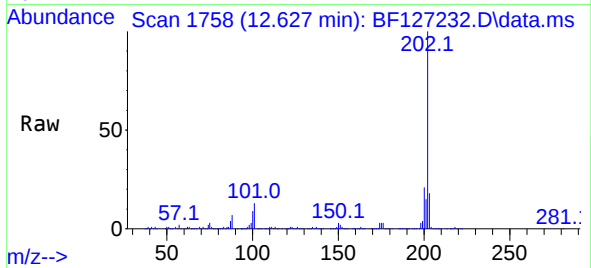
80 11.2 11.8 17.6#





#75
Fluoranthene
Concen: 16.097 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51

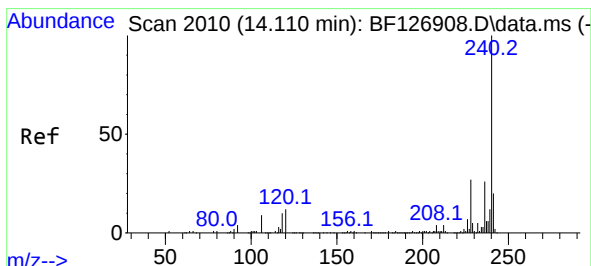
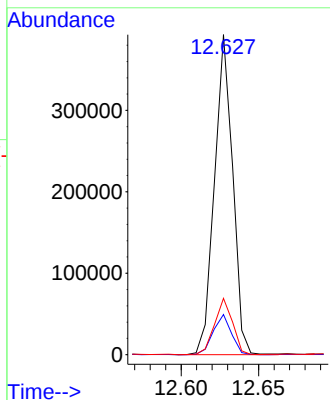
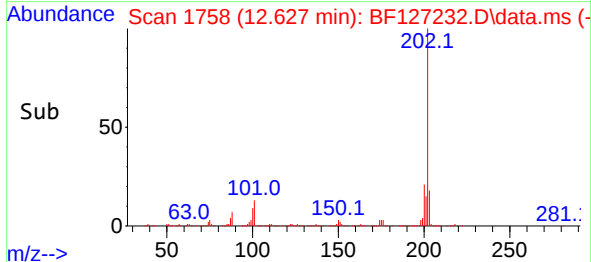
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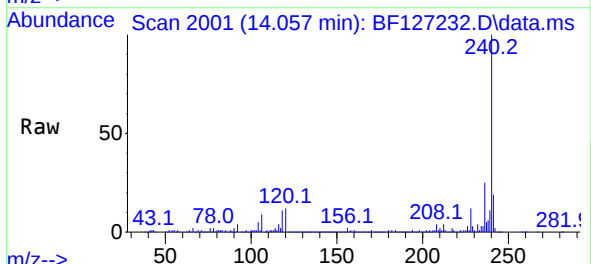
Tgt Ion:202 Resp: 32103
Ion Ratio Lower Upper
202 100
101 12.6 0.0 35.7
203 17.6 0.0 37.1

Manual Integrations
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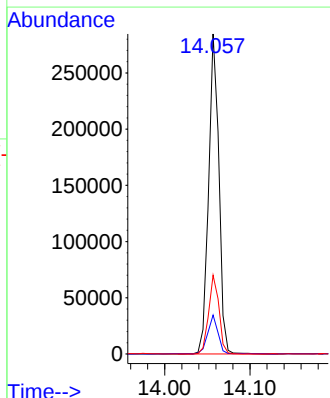
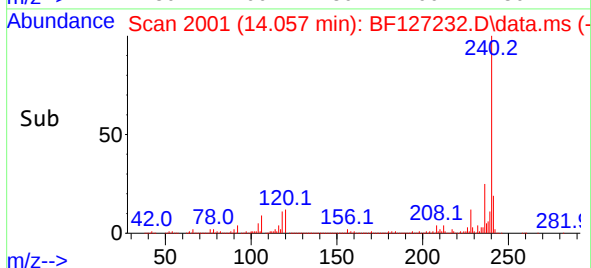
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

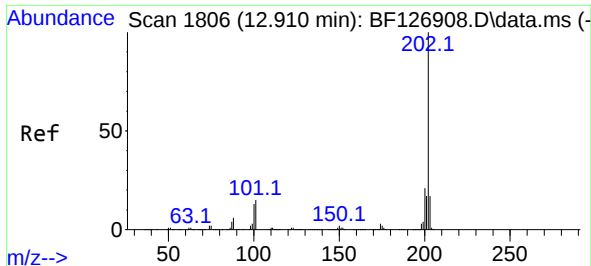


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51



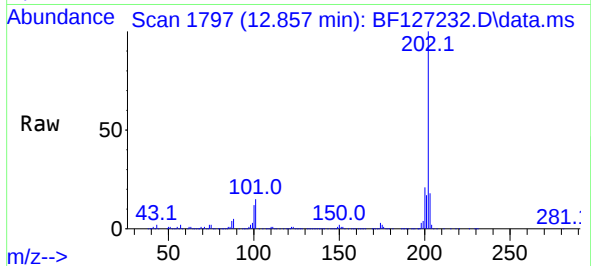
Tgt Ion:240 Resp: 238541
Ion Ratio Lower Upper
240 100
120 12.2 14.4 21.6#
236 24.6 20.5 30.7





#78
Pyrene
Concen: 13.736 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51

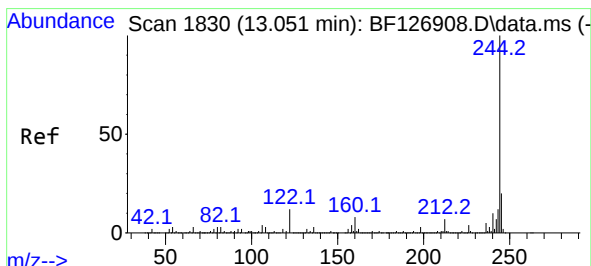
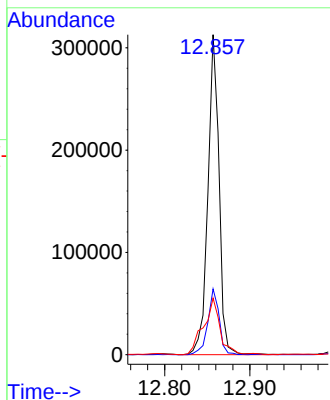
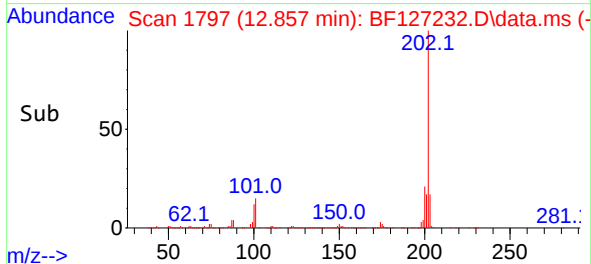
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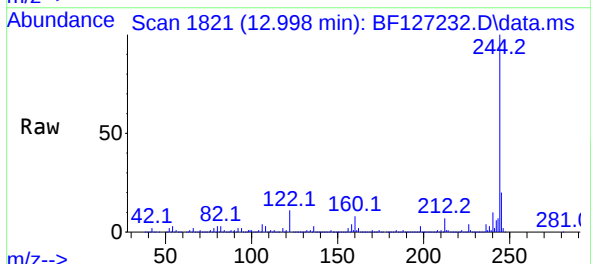
Tgt Ion:202 Resp: 28467
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.6 13.8 20.8

Manual Integrations
APPROVED

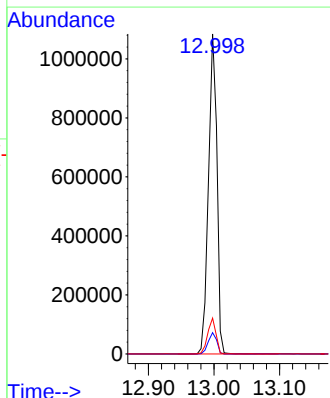
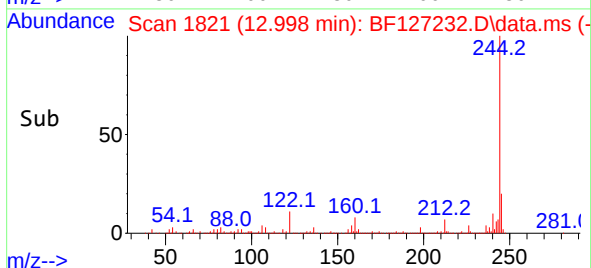
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

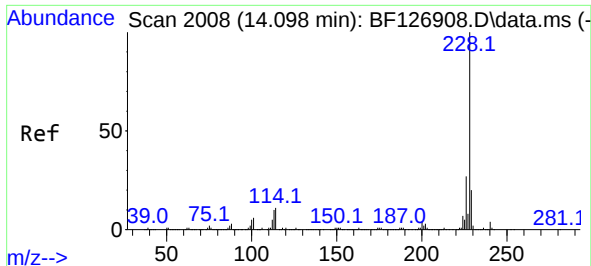


#79
Terphenyl-d14
Concen: 60.136 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51



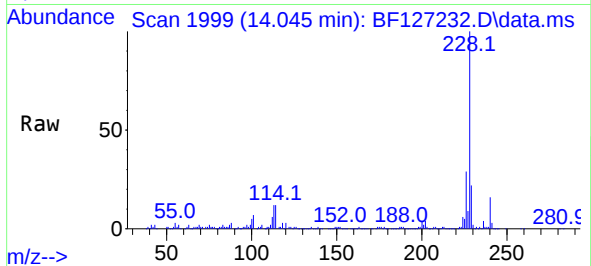
Tgt Ion:244 Resp: 975817
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 11.2 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 8.511 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51

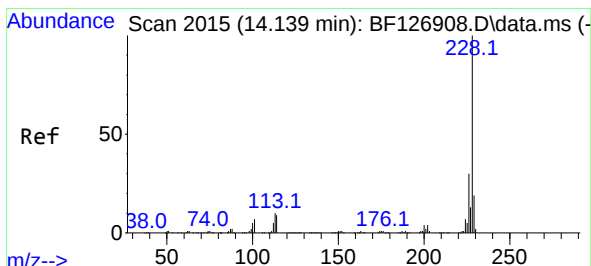
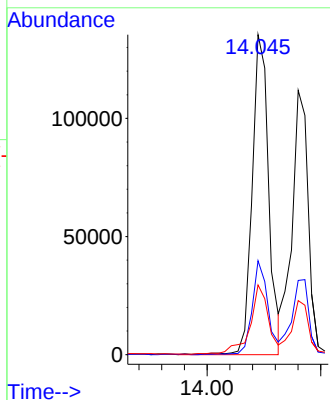
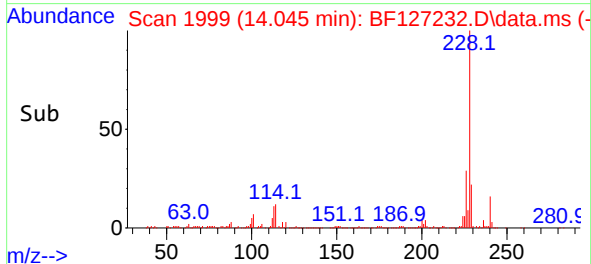
Instrument : BNA_F
ClientSampleId : 15-16-SAMPLE-LOCATION-8



Tgt Ion:228 Resp: 136860
Ion Ratio Lower Upper
228 100
226 29.4 21.4 32.0
229 21.8 15.4 23.2

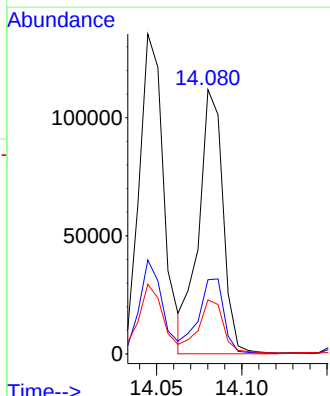
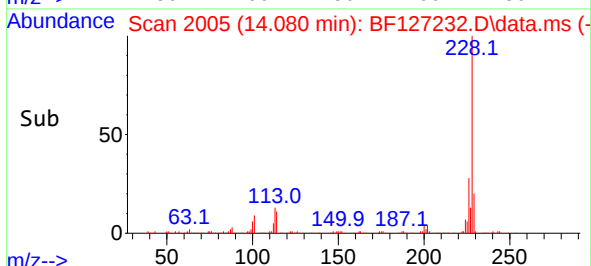
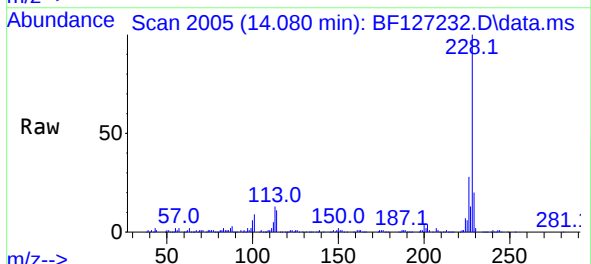
Manual Integrations
APPROVED

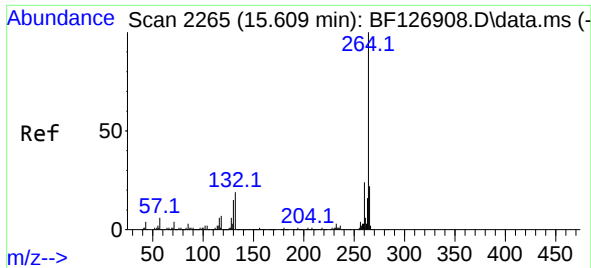
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#83
Chrysene
Concen: 7.367 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51

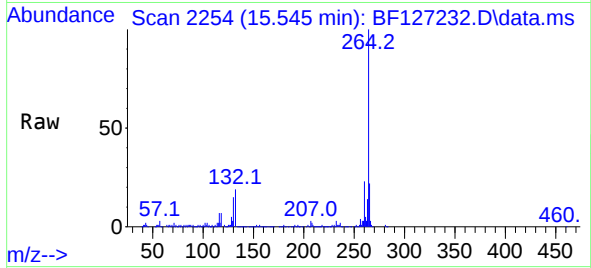
Tgt Ion:228 Resp: 111401
Ion Ratio Lower Upper
228 100
226 28.1 23.7 35.5
229 20.4 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51

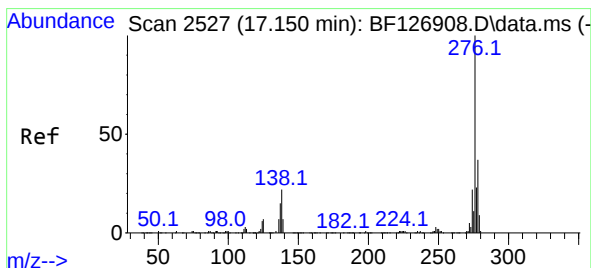
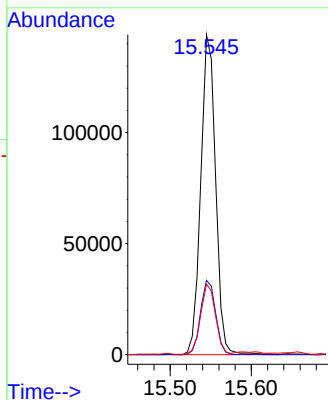
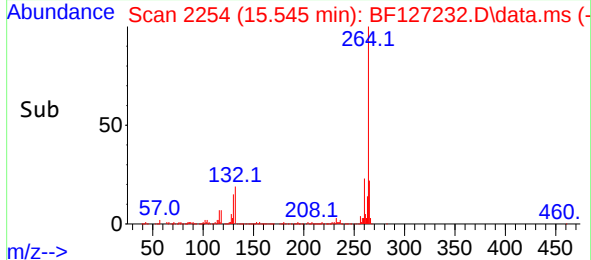
Instrument :
BNA_F
ClientSampleId :
15-16-SAMPLE-LOCATION-8



Tgt Ion:264 Resp: 18299
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 22.0 17.4 26.2

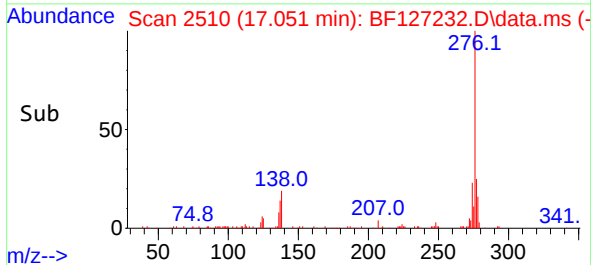
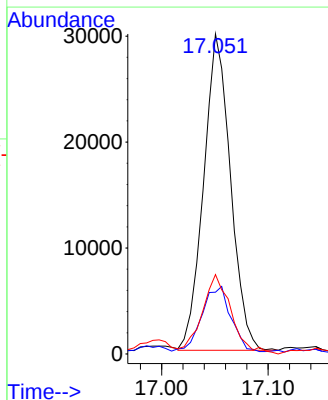
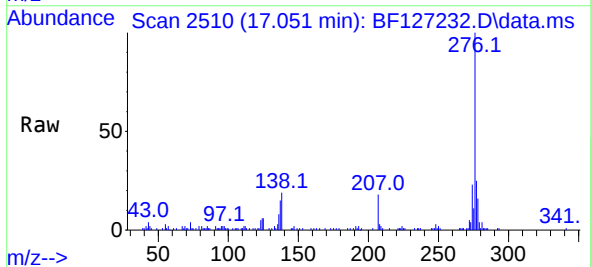
Manual Integrations
APPROVED

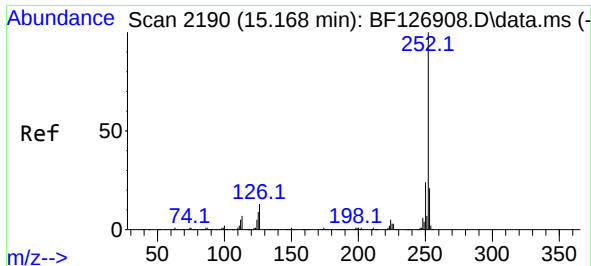
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.367 ng
RT: 17.051 min Scan# 2510
Delta R.T. -0.006 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51

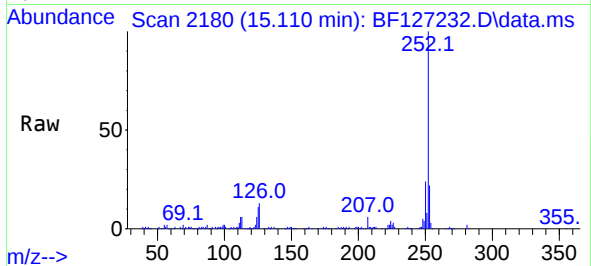
Tgt Ion:276 Resp: 52403
Ion Ratio Lower Upper
276 100
138 23.3 29.2 43.8#
277 27.2 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 9.958 ng m
RT: 15.110 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51

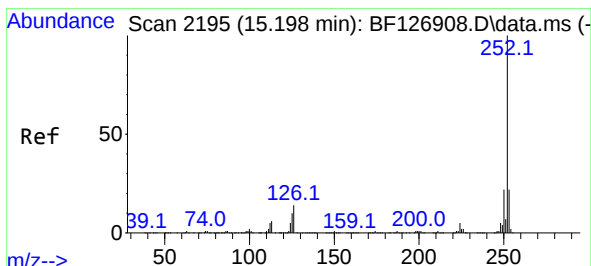
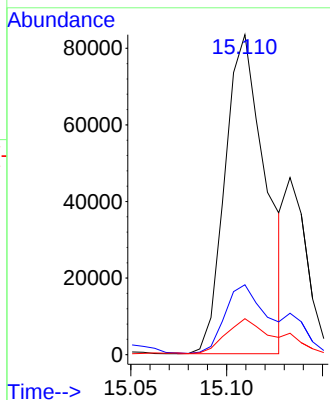
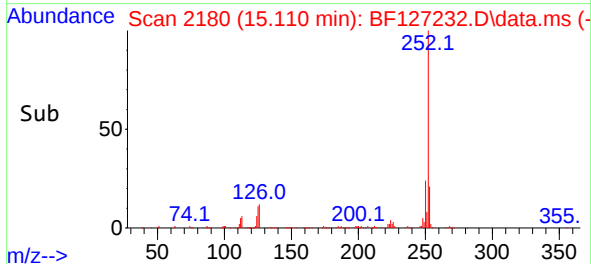
Instrument :
BNA_F
ClientSampleId :
15-16-SAMPLE-LOCATION-8



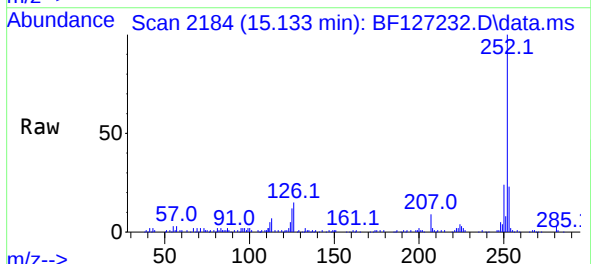
Tgt Ion:252 Resp: 12239
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 11.3 12.4 18.6

Manual Integrations
APPROVED

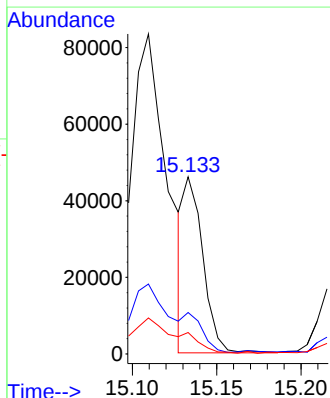
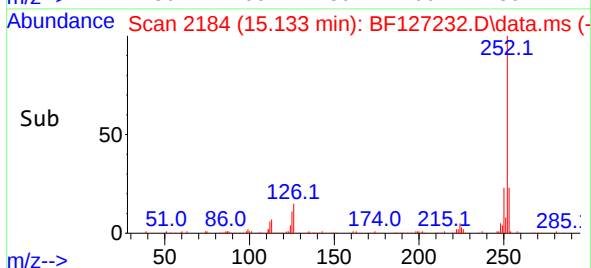
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

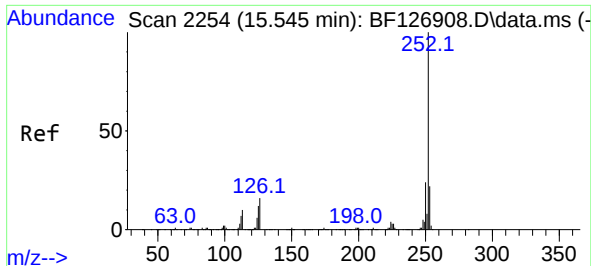


#89
Benzo(k)fluoranthene
Concen: 3.055 ng m
RT: 15.133 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BF127232.D
Acq: 07 Mar 2022 20:51



Tgt Ion:252 Resp: 36221
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 12.1 11.8 17.6





#90

Benzo(a)pyrene

Concen: 9.450 ng m

RT: 15.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127232.D

Acq: 07 Mar 2022 20:51

Instrument :

BNA_F

ClientSampleId :

15-16-SAMPLE-LOCATION-8

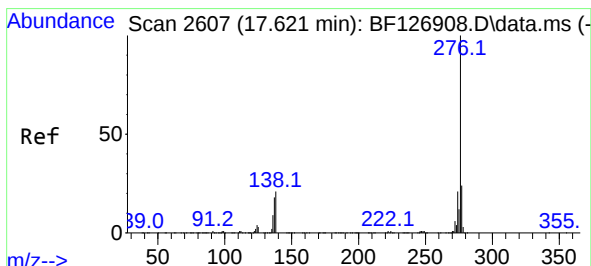
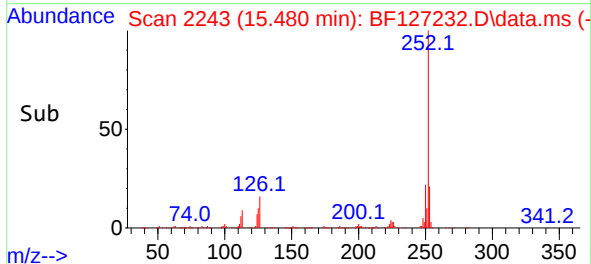
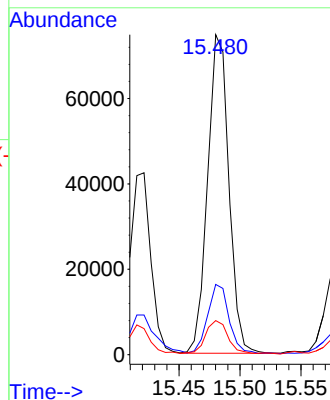
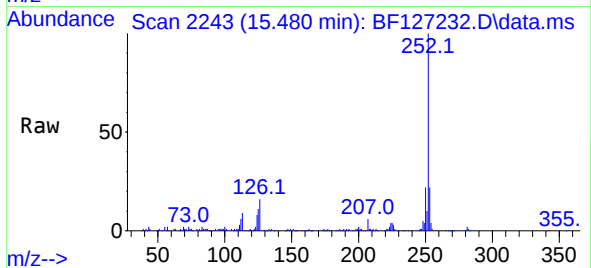
Tgt Ion:252 Resp: 90720

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.7	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#92

Benzo(g,h,i)perylene

Concen: 5.622 ng

RT: 17.509 min Scan# 2588

Delta R.T. -0.012 min

Lab File: BF127232.D

Acq: 07 Mar 2022 20:51

Tgt Ion:276 Resp: 55003

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.5	27.7
138	18.2	25.9	38.9

