

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128860.D
 Acq On : 17 Jun 2022 18:10
 Operator : CG\JU
 Sample : N3367-01RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJS-LB-02-13.0-14.0RE

Quant Time: Jun 18 05:07:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/20/2022
 Supervised By :Jagrut Upadhyay 06/20/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	53389	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	207449	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	111329	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	169915	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	124259	20.000	ng	#-0.01
86) Perylene-d12	15.404	264	113719	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	527112	157.261	ng	0.00
7) Phenol-d6	6.434	99	682320	166.766	ng	0.00
23) Nitrobenzene-d5	7.345	82	479032	107.511	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	174457	132.626	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	881389	110.901	ng	0.00
79) Terphenyl-d14	12.892	244	645988	90.335	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.081	128	21364	2.007	ng	98
71) Phenanthrene	11.327	178	53153	6.237	ng	98
75) Fluoranthene	12.522	202	45103	5.063	ng	95
78) Pyrene	12.751	202	38253	4.138	ng	100
81) Benzo(a)anthracene	13.939	228	19238	2.484	ng	98
83) Chrysene	13.974	228	16765	2.270	ng	95
88) Benzo(b)fluoranthene	14.986	252	19242m	2.648	ng	
90) Benzo(a)pyrene	15.345	252	14417	2.524	ng	# 96

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

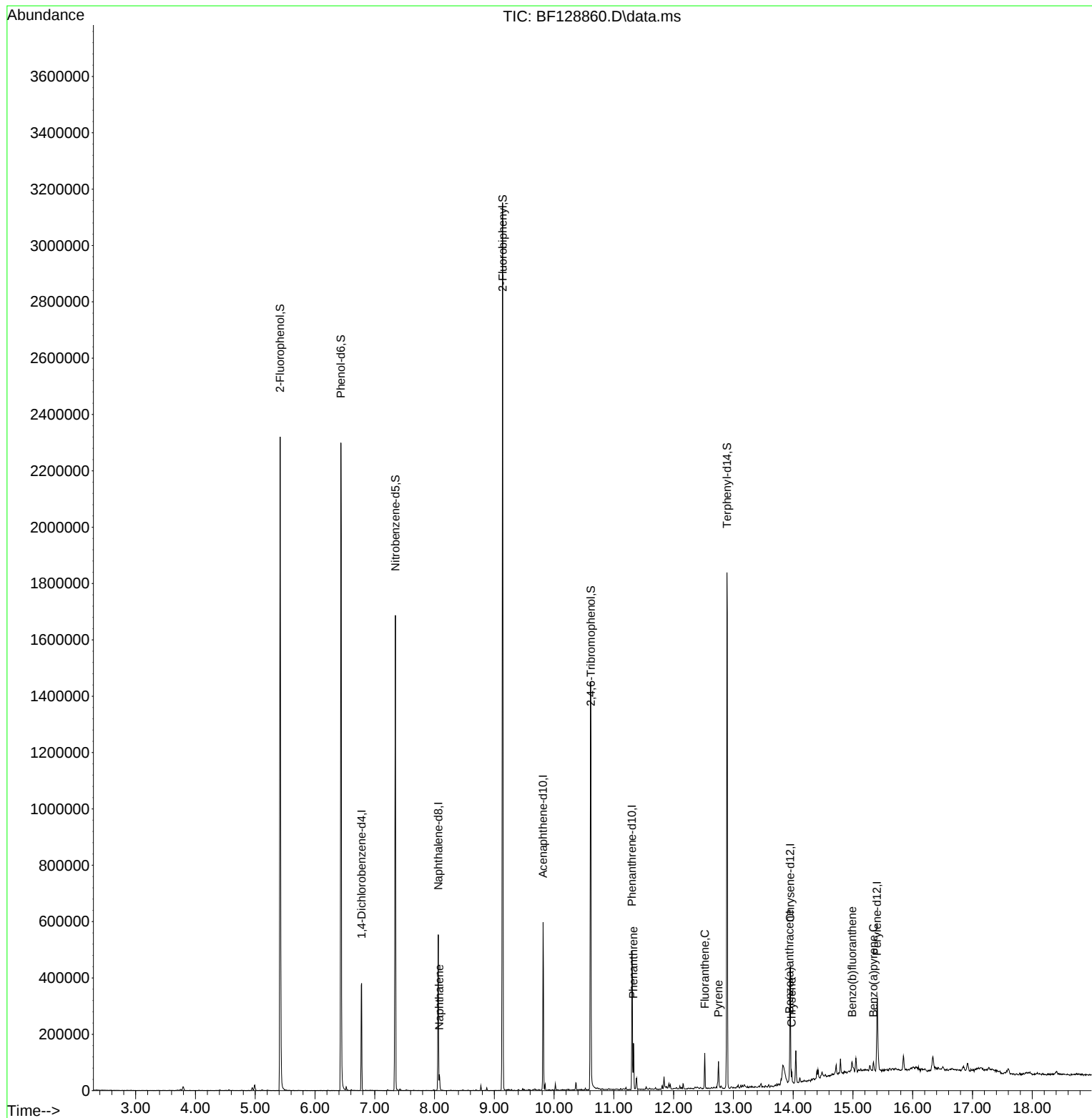
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
Data File : BF128860.D
Acq On : 17 Jun 2022 18:10
Operator : CG\JU
Sample : N3367-01RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
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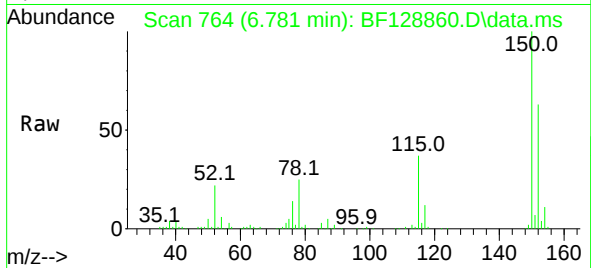
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

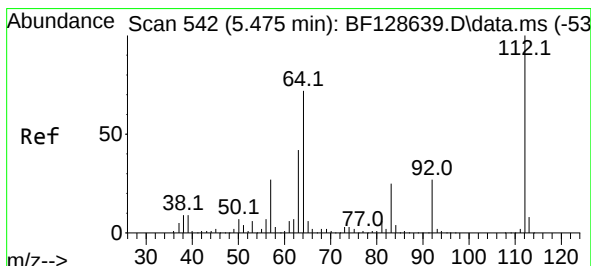
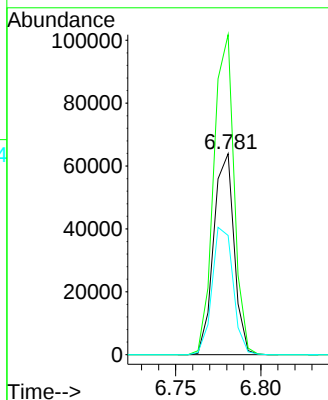
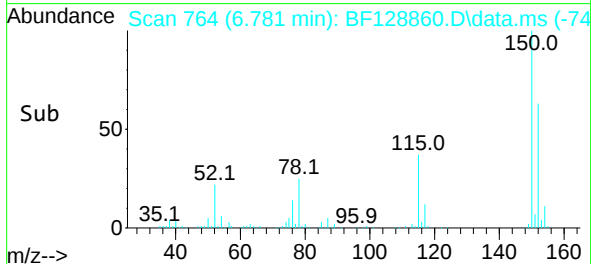
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE



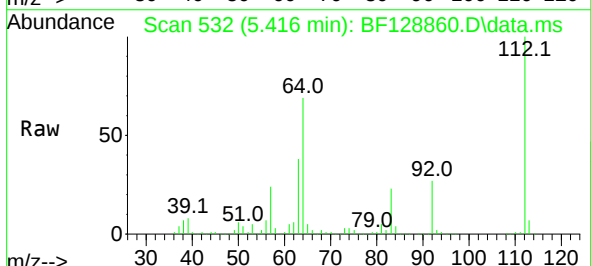
Tgt Ion:152 Resp: 53389
Ion Ratio Lower Upper
152 100
150 159.2 123.7 185.5
115 59.3 49.9 74.9

Manual Integrations
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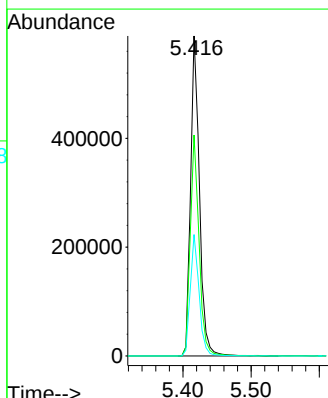
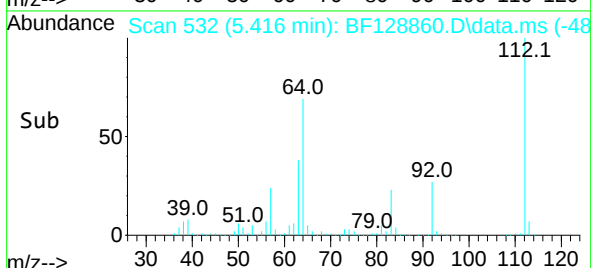
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#5
2-Fluorophenol
Concen: 157.261 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10



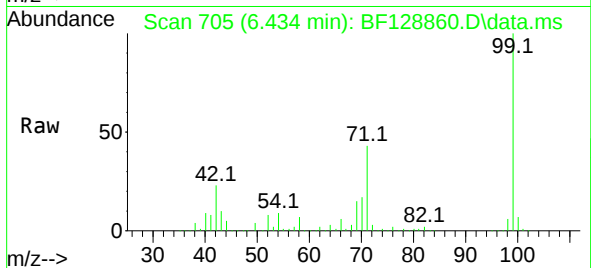
Tgt Ion:112 Resp: 527112
Ion Ratio Lower Upper
112 100
64 69.1 53.3 79.9
63 38.0 28.0 42.0





#7
Phenol-d6
Concen: 166.766 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

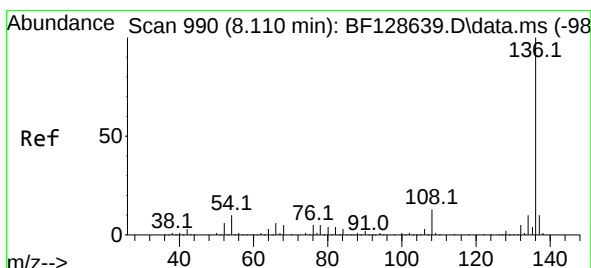
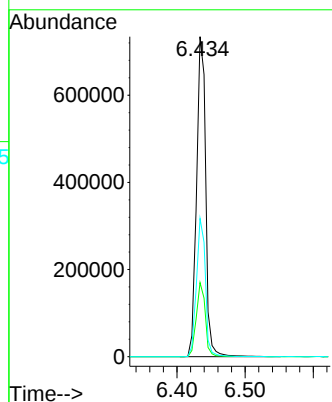
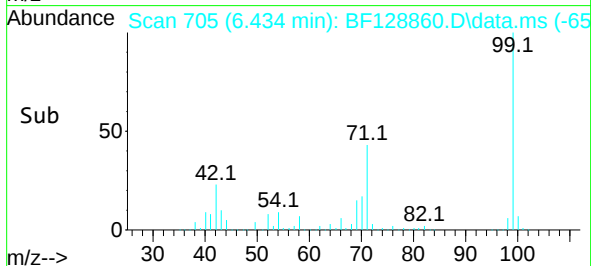
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE



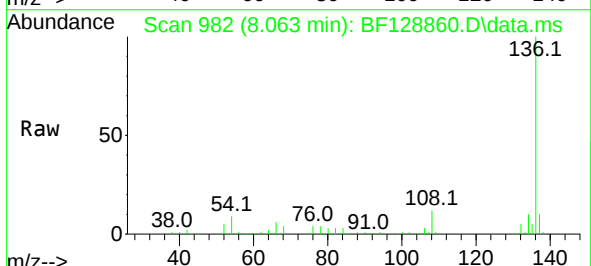
Tgt Ion: 99 Resp: 682320
Ion Ratio Lower Upper
99 100
42 23.2 17.3 25.9
71 43.2 28.9 43.3

Manual Integrations
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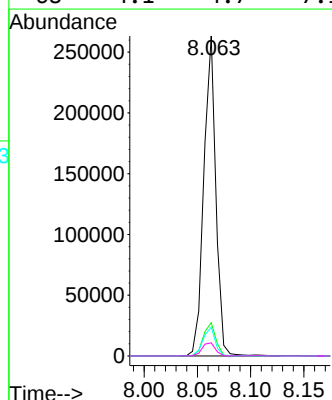
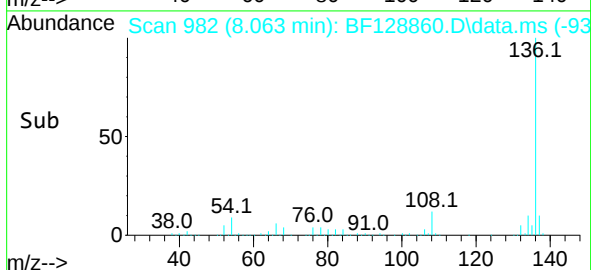
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10



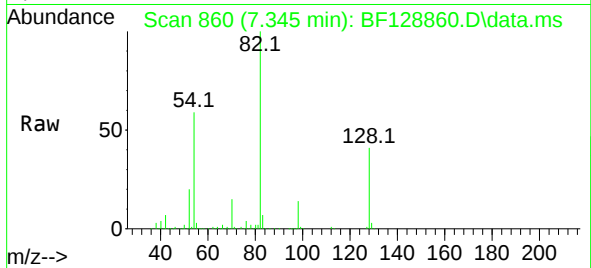
Tgt Ion:136 Resp: 207449
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.9 7.5 11.3
68 4.1 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 107.511 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

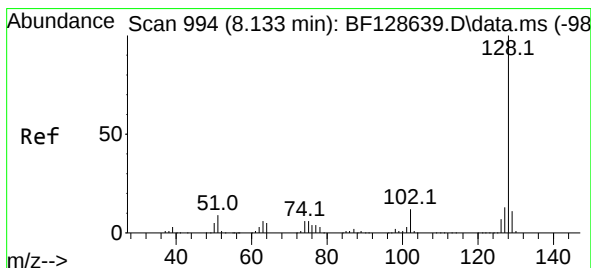
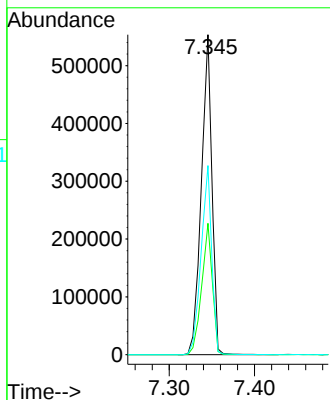
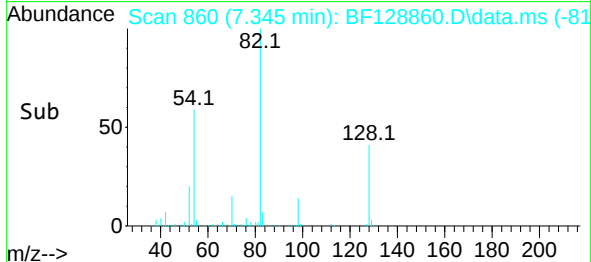
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE



Tgt Ion: 82 Resp: 47903
Ion Ratio Lower Upper
82 100
128 41.0 34.0 51.0
54 59.1 46.9 70.3

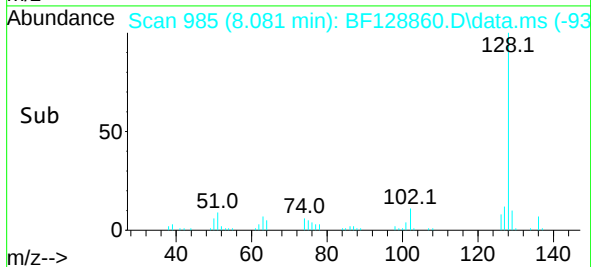
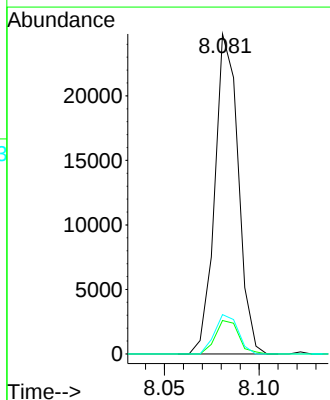
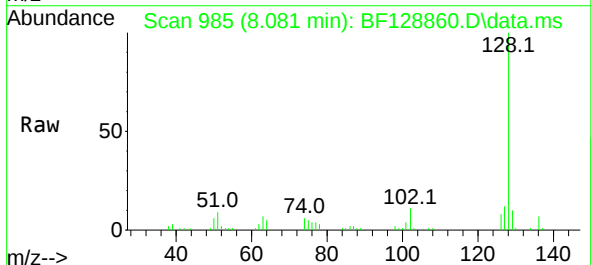
Manual Integrations
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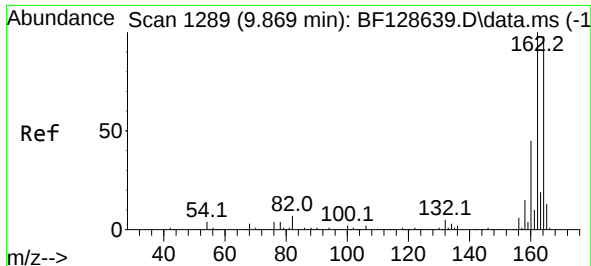
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#31
Naphthalene
Concen: 2.007 ng
RT: 8.081 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Tgt Ion:128 Resp: 21364
Ion Ratio Lower Upper
128 100
129 10.5 9.2 13.8
127 12.3 10.5 15.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 111329

Delta R.T. -0.012 min

Lab File: BF128860.D

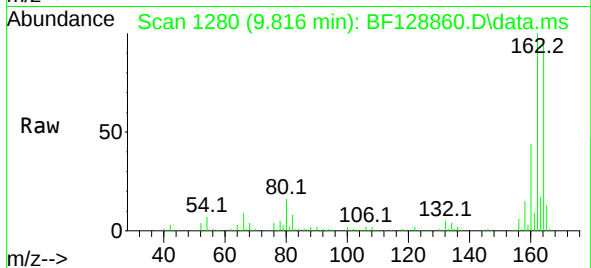
Acq: 17 Jun 2022 18:10

Instrument :

BNA_F

ClientSampleId :

MJS-LB-02-13.0-14.0RE



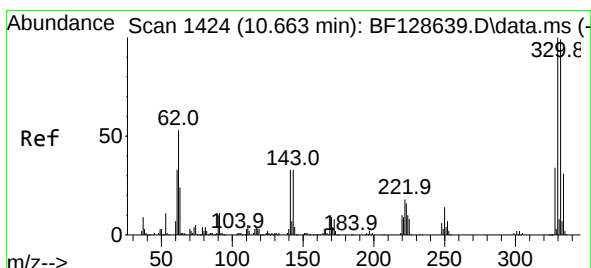
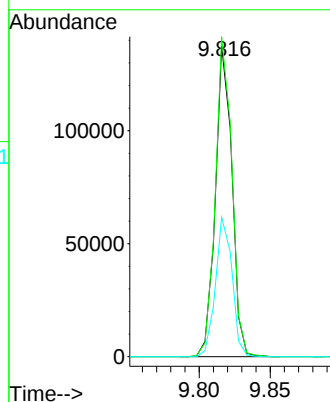
Tgt Ion:	164	Resp:	111329
Ion Ratio	Lower	Upper	
164	100		
162	102.9	79.5	119.3
160	44.9	34.2	51.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/20/2022



#42

2,4,6-Tribromophenol

Concen: 132.626 ng

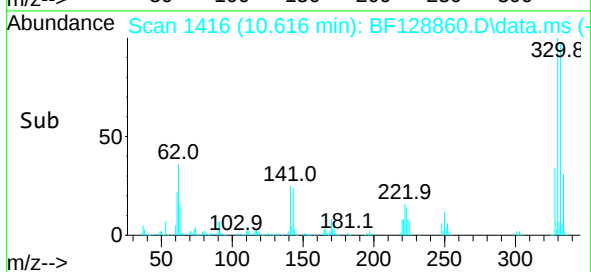
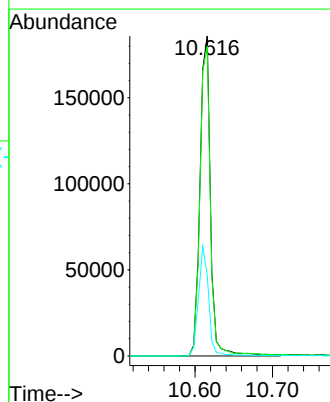
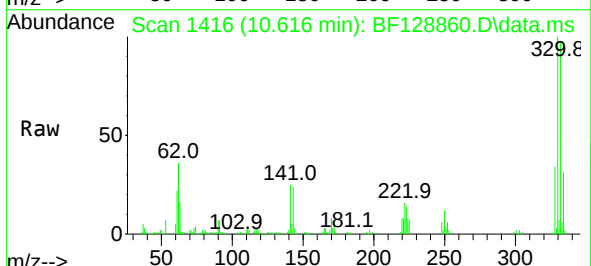
RT: 10.616 min Scan# 1416

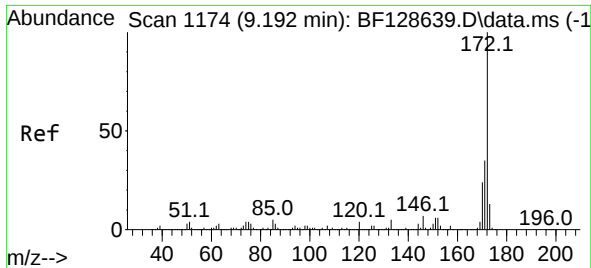
Delta R.T. -0.006 min

Lab File: BF128860.D

Acq: 17 Jun 2022 18:10

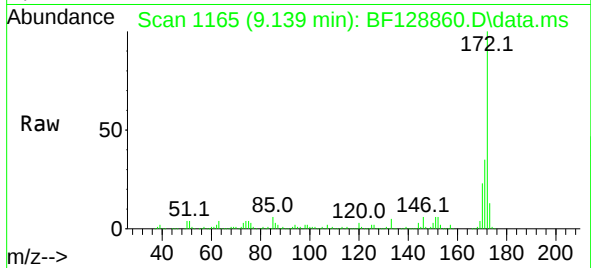
Tgt Ion:	330	Resp:	174457
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.8	115.2
141	33.4	28.0	42.0





#45
2-Fluorobiphenyl
Concen: 110.901 ng
RT: 9.139 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

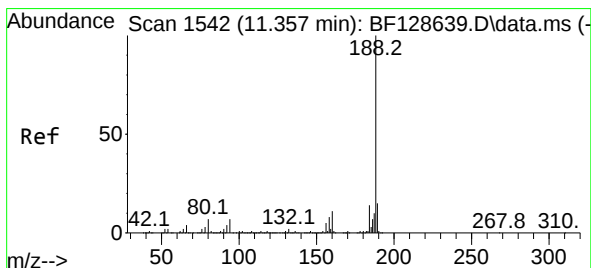
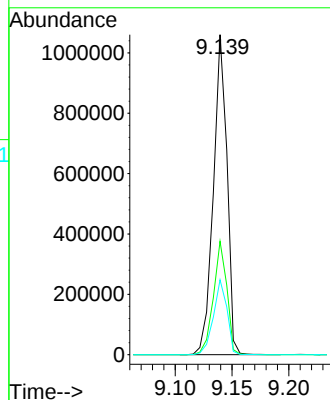
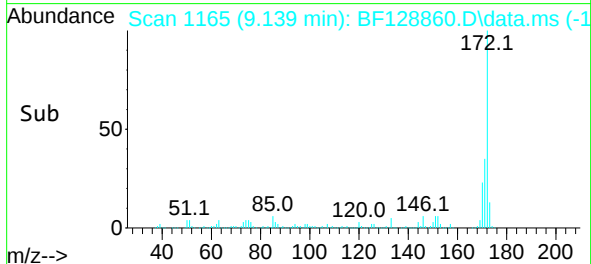
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE



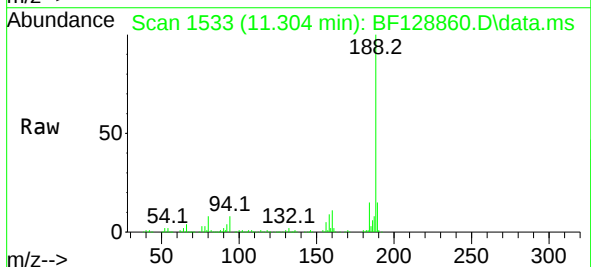
Tgt Ion:172 Resp: 881389
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.4 19.8 29.8

Manual Integrations
APPROVED

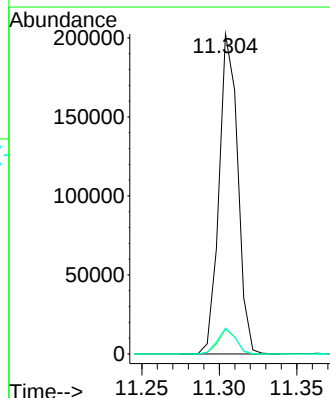
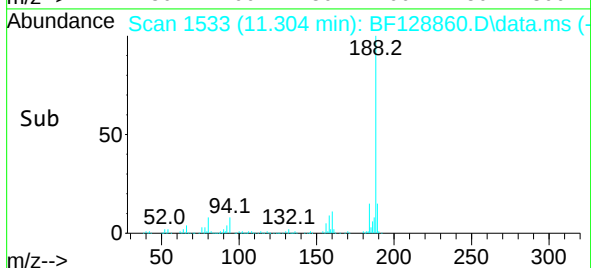
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022

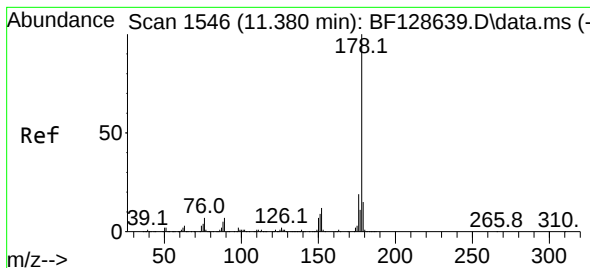


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.012 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10



Tgt Ion:188 Resp: 169915
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 8.1 7.6 11.4





#71

Phenanthrene

Concen: 6.237 ng

RT: 11.327 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128860.D

Acq: 17 Jun 2022 18:10

Instrument :

BNA_F

ClientSampleId :

MJS-LB-02-13.0-14.0RE

Tgt Ion:178 Resp: 5315

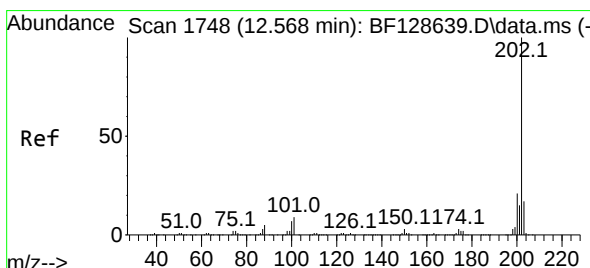
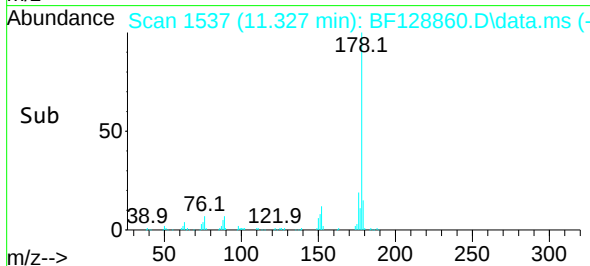
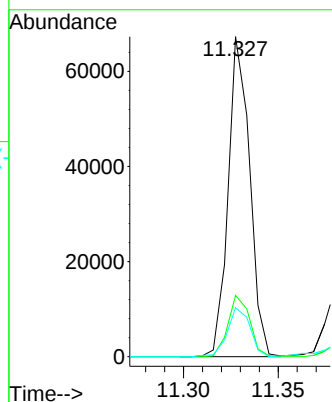
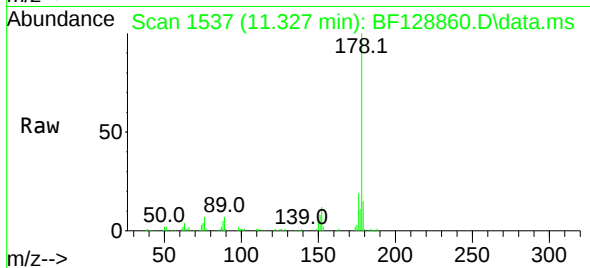
Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.3	12.6	19.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/20/2022



#75

Fluoranthene

Concen: 5.063 ng

RT: 12.522 min Scan# 1740

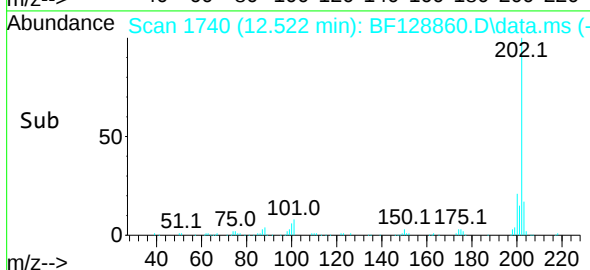
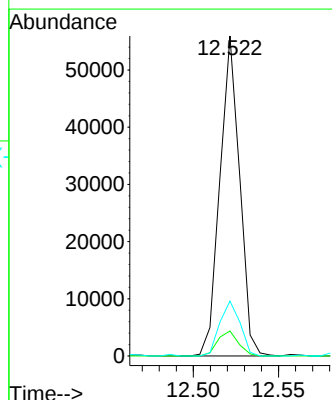
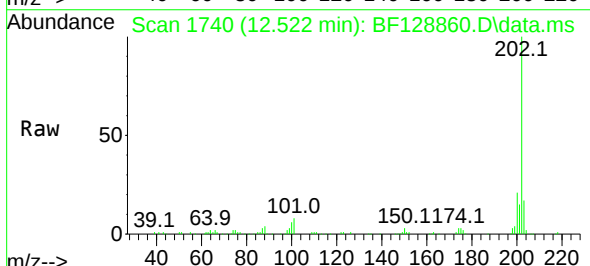
Delta R.T. -0.006 min

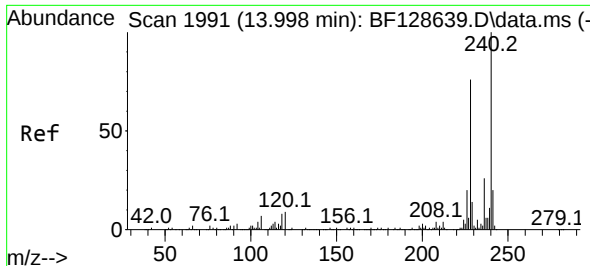
Lab File: BF128860.D

Acq: 17 Jun 2022 18:10

Tgt Ion:202 Resp: 45103

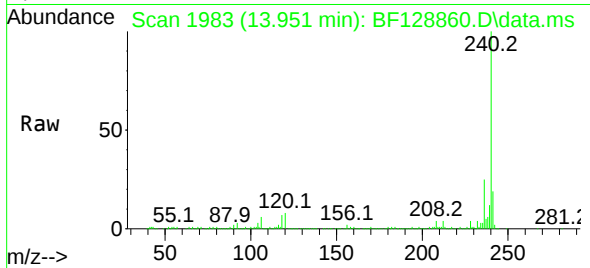
Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	31.4
203	17.2	0.0	38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

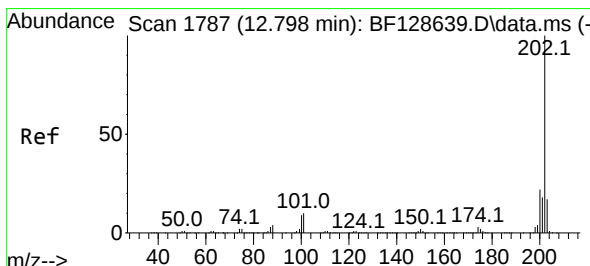
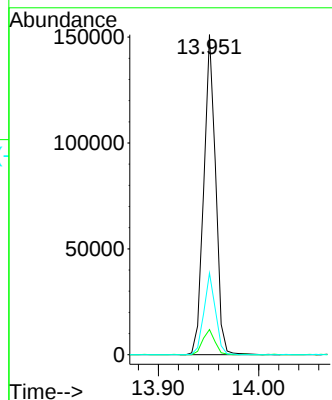
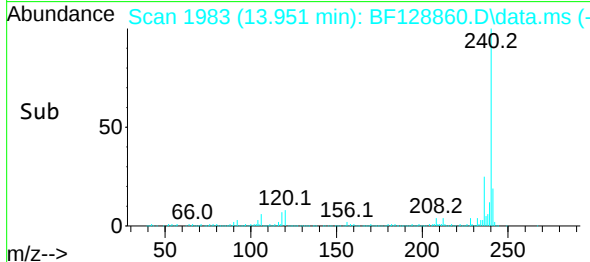
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE



Tgt Ion:240 Resp: 124259
Ion Ratio Lower Upper
240 100
120 7.8 8.9 13.3
236 25.5 20.8 31.2

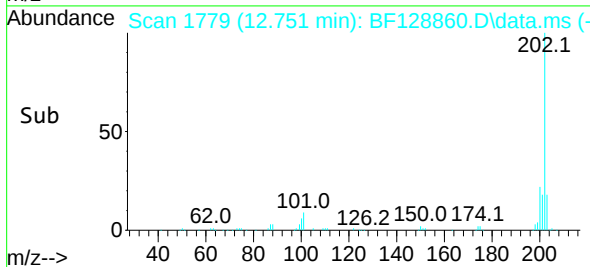
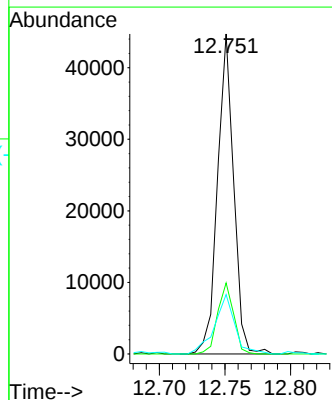
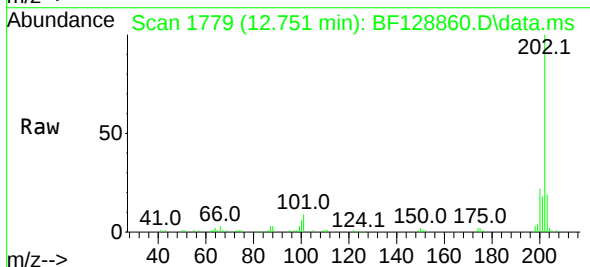
Manual Integrations
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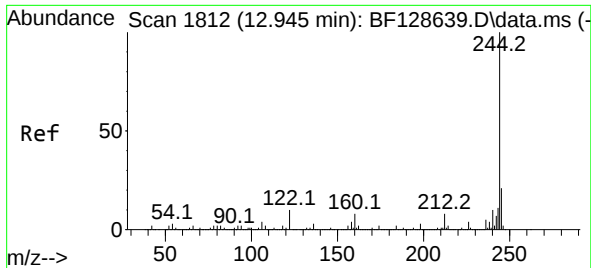
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#78
Pyrene
Concen: 4.138 ng
RT: 12.751 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

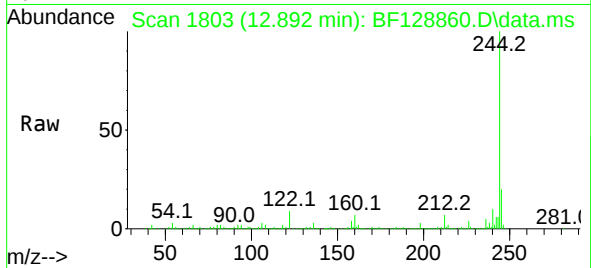
Tgt Ion:202 Resp: 38253
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.6 14.6 21.8





#79
 Terphenyl-d14
 Concen: 90.335 ng
 RT: 12.892 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF128860.D
 Acq: 17 Jun 2022 18:10

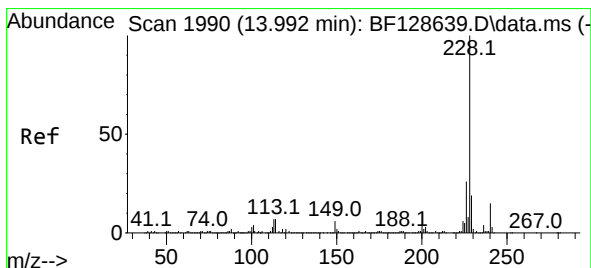
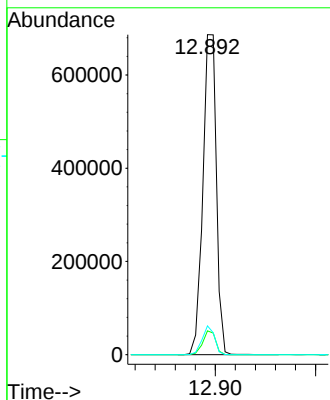
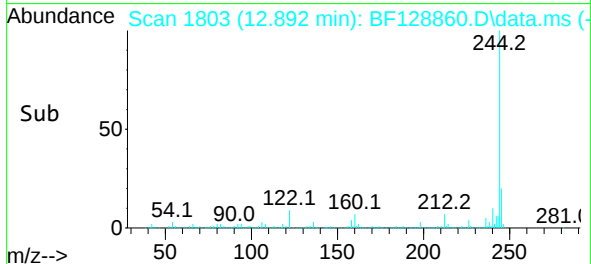
Instrument :
 BNA_F
 ClientSampleId :
 MJS-LB-02-13.0-14.0RE



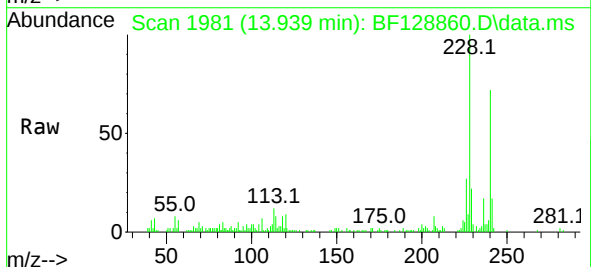
Tgt Ion:244 Resp: 64598
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.0 8.8 13.2

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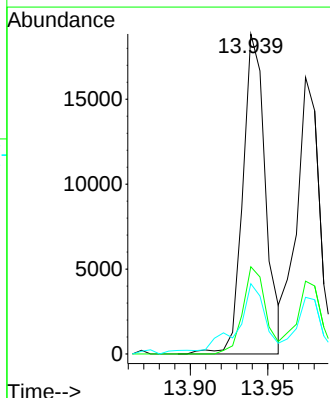
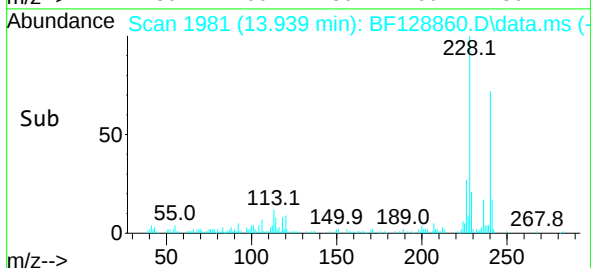
Reviewed By :Christian Giraldo 06/20/2022
 Supervised By :Jagrut Upadhyay 06/20/2022

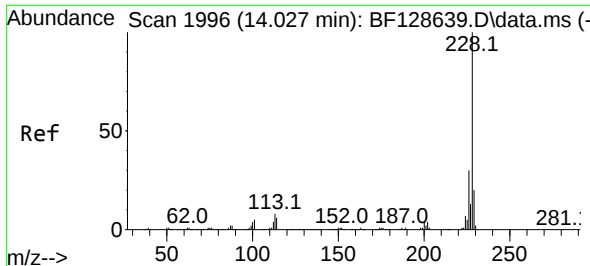


#81
 Benzo(a)anthracene
 Concen: 2.484 ng
 RT: 13.939 min Scan# 1981
 Delta R.T. -0.012 min
 Lab File: BF128860.D
 Acq: 17 Jun 2022 18:10



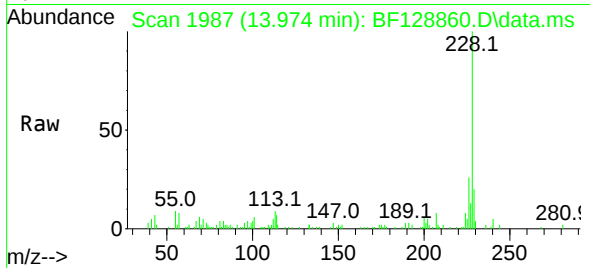
Tgt Ion:228 Resp: 19238
 Ion Ratio Lower Upper
 228 100
 226 27.3 22.1 33.1
 229 21.9 15.8 23.8





#83
Chrysene
Concen: 2.270 ng
RT: 13.974 min Scan# 1996
Delta R.T. -0.018 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

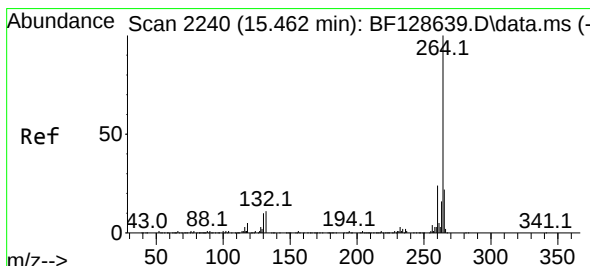
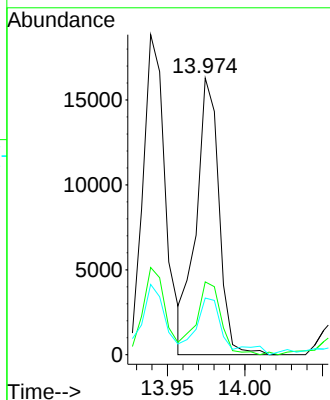
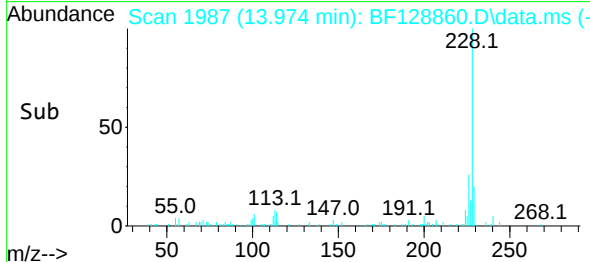
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE



Tgt Ion:228 Resp: 16768
Ion Ratio Lower Upper
228 100
226 26.3 24.3 36.5
229 20.5 15.9 23.9

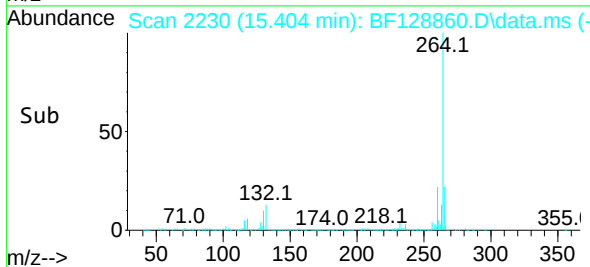
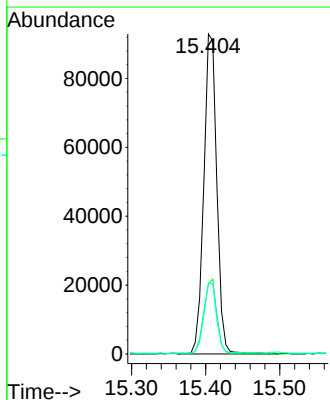
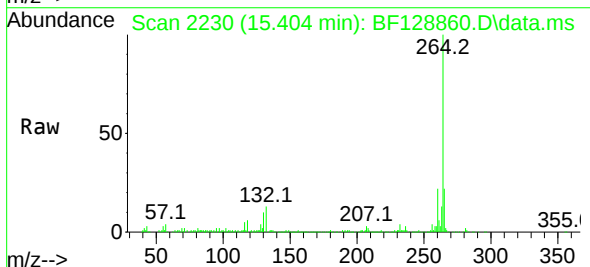
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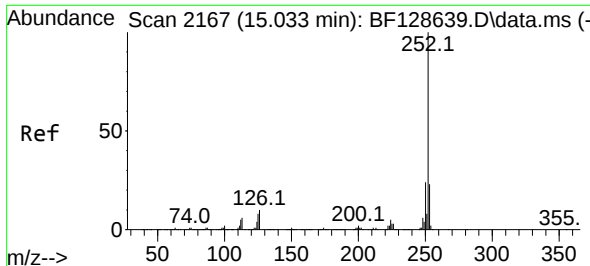
Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2230
Delta R.T. -0.012 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

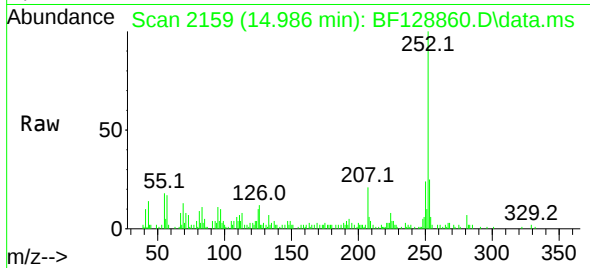
Tgt Ion:264 Resp: 113719
Ion Ratio Lower Upper
264 100
260 22.0 18.4 27.6
265 22.2 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.648 ng m
RT: 14.986 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

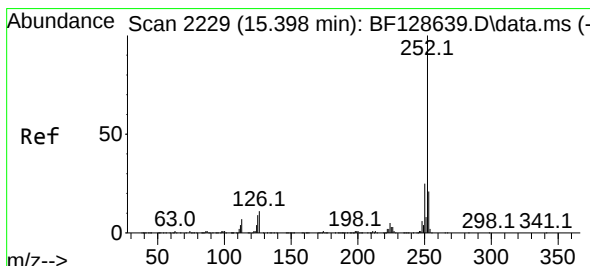
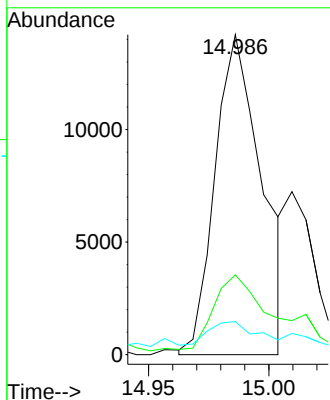
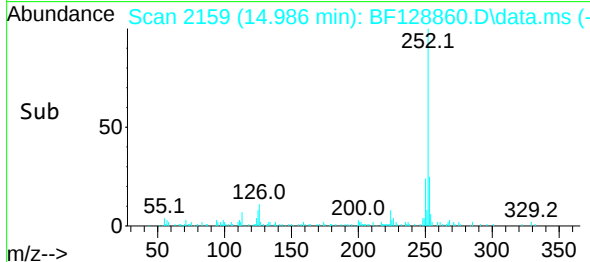
Instrument :
BNA_F
ClientSampleId :
MJS-LB-02-13.0-14.0RE



Tgt Ion:252 Resp: 1924
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 10.3 8.0 12.0

Manual Integrations
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Reviewed By :Christian Giraldo 06/20/2022
Supervised By :Jagrut Upadhyay 06/20/2022



#90
Benzo(a)pyrene
Concen: 2.524 ng
RT: 15.345 min Scan# 2220
Delta R.T. -0.012 min
Lab File: BF128860.D
Acq: 17 Jun 2022 18:10

Tgt Ion:252 Resp: 14417
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 8.4 8.8 13.2#

