

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129735.D
 Acq On : 12 Aug 2022 02:00
 Operator : CG\JU
 Sample : N4130-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB09

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 12 02:55:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	128455	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	450709	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	200878	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	325328	20.000	ng	0.00
76) Chrysene-d12	14.015	240	275912	20.000	ng	0.00
86) Perylene-d12	15.498	264	210716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	819728	103.954	ng	0.00
7) Phenol-d6	6.487	99	973998	98.268	ng	0.00
23) Nitrobenzene-d5	7.398	82	588292	71.252	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	194872	100.902	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	993012	76.471	ng	-0.01
79) Terphenyl-d14	12.945	244	1021712	69.861	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	64506	3.632	ng	96
75) Fluoranthene	12.580	202	118565	6.589	ng	98
78) Pyrene	12.810	202	108426	4.699	ng	98
81) Benzo(a)anthracene	14.004	228	56514m	2.998	ng	
83) Chrysene	14.039	228	51617m	2.906	ng	
84) Bis(2-ethylhexyl)phtha...	13.974	149	89887	6.822	ng	100
88) Benzo(b)fluoranthene	15.062	252	57392m	4.106	ng	
90) Benzo(a)pyrene	15.433	252	35805	3.156	ng	# 71
92) Benzo(g,h,i)perylene	17.433	276	44275	3.752	ng	93

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

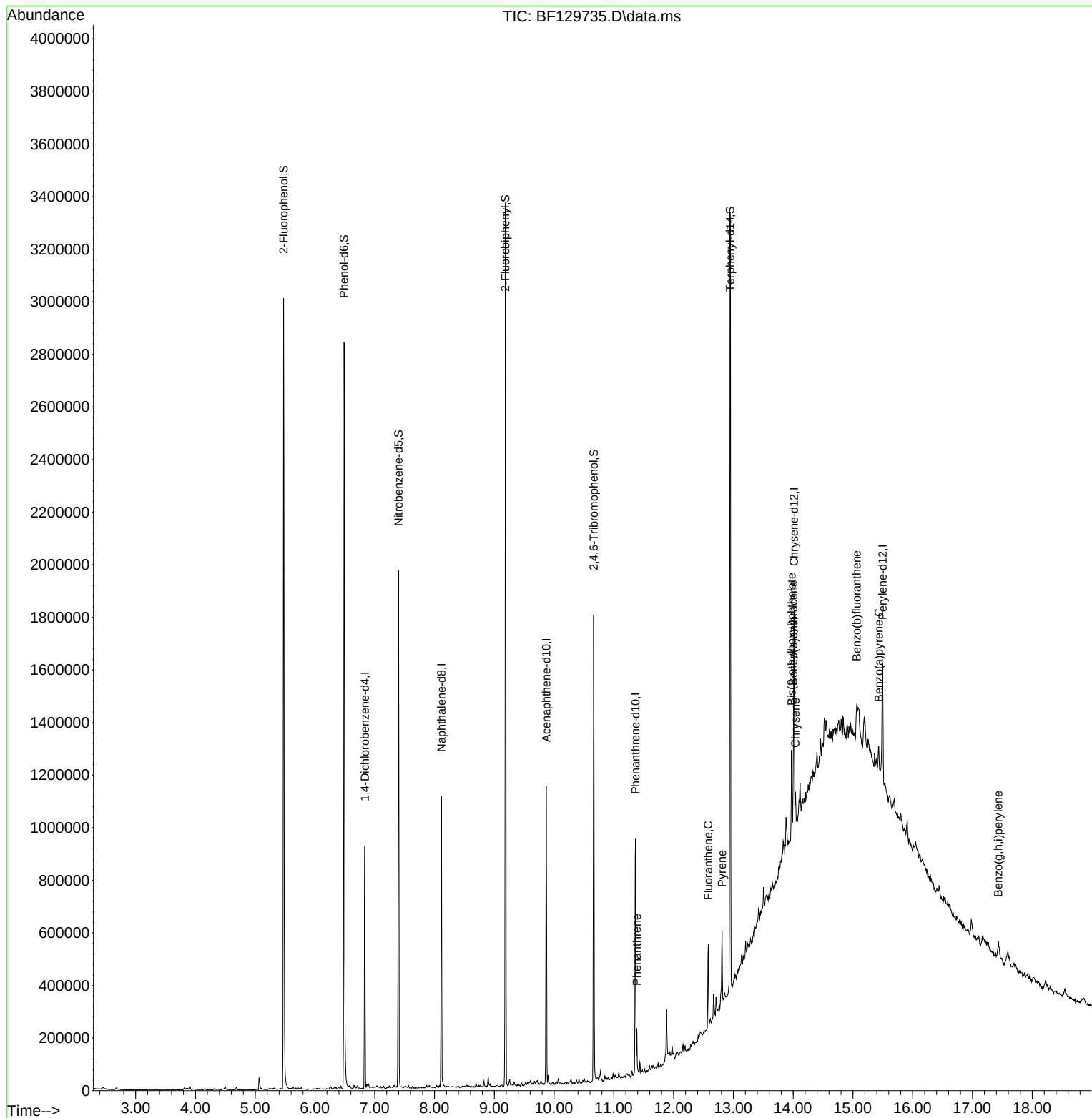
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
Data File : BF129735.D
Acq On : 12 Aug 2022 02:00
Operator : CG\JU
Sample : N4130-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

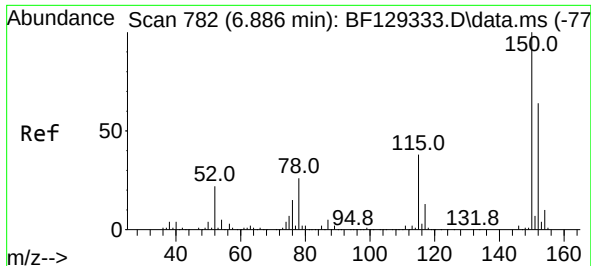
Instrument :
BNA_F
ClientSampleId :
SB09

Quant Time: Aug 12 02:55:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 11 23:50:03 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

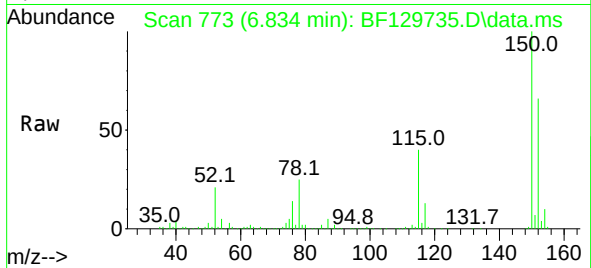
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

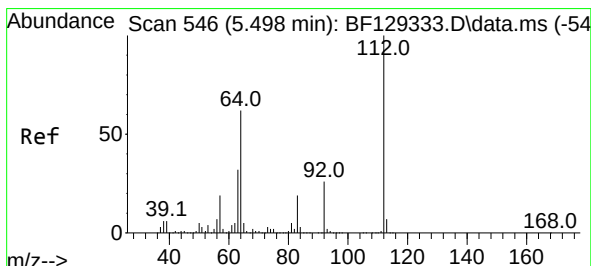
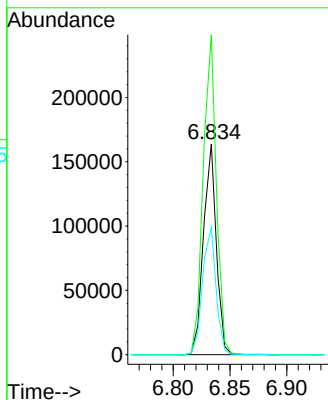
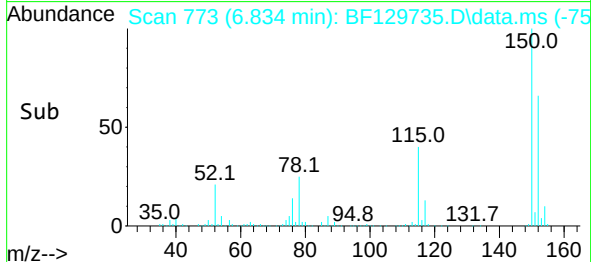
Instrument :
BNA_F
ClientSampleId :
SB09



Tgt Ion:152 Resp: 12845
Ion Ratio Lower Upper
152 100
150 152.0 123.7 185.5
115 60.5 49.9 74.9

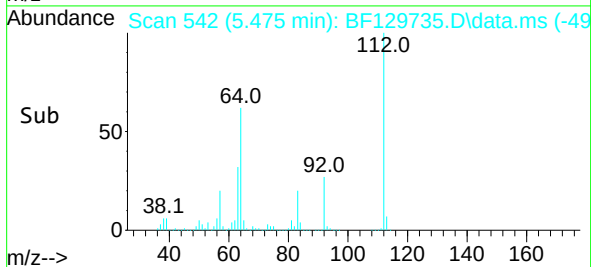
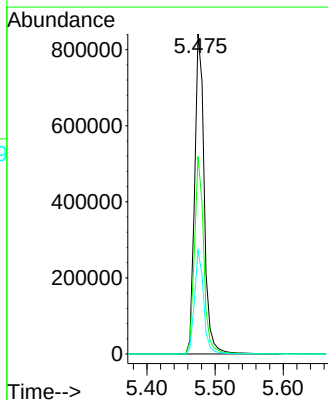
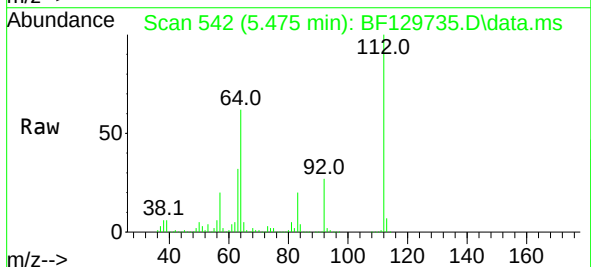
Manual Integrations
APPROVED

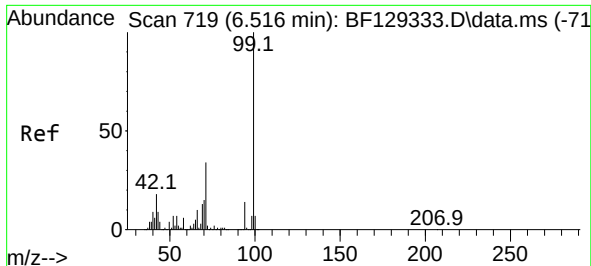
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#5
2-Fluorophenol
Concen: 103.954 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

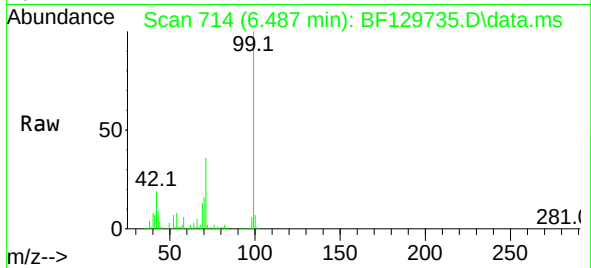
Tgt Ion:112 Resp: 819728
Ion Ratio Lower Upper
112 100
64 61.7 53.3 79.9
63 32.4 28.0 42.0





#7
Phenol-d6
Concen: 98.268 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

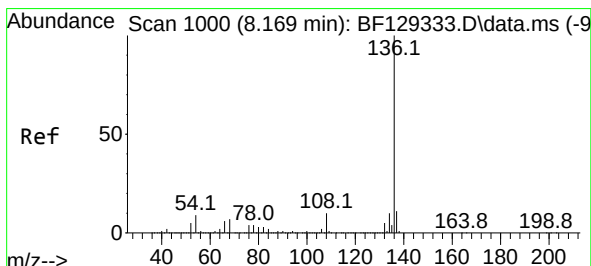
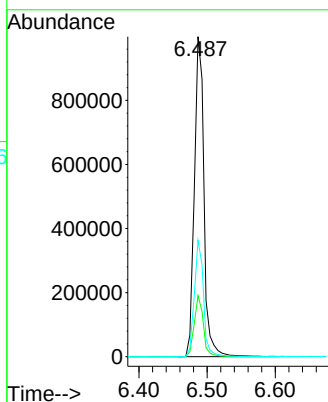
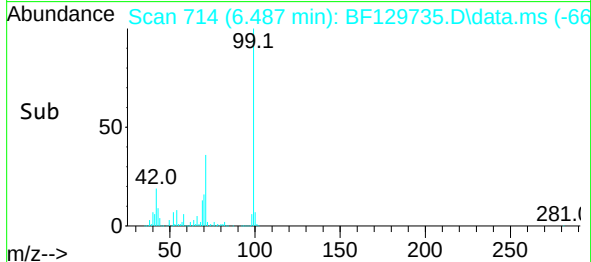
Instrument :
BNA_F
ClientSampleId :
SB09



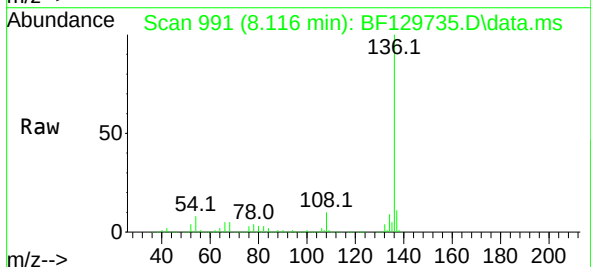
Tgt Ion: 99 Resp: 973998
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 36.4 28.9 43.3

Manual Integrations
APPROVED

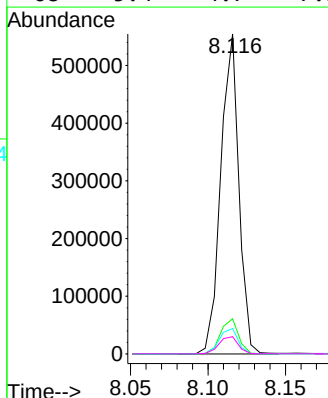
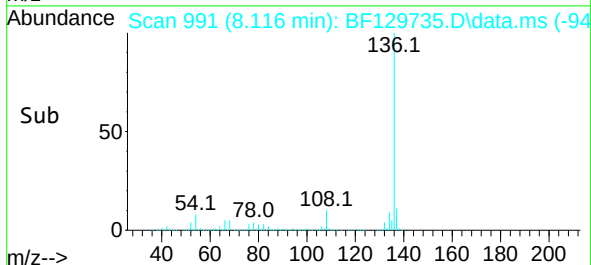
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

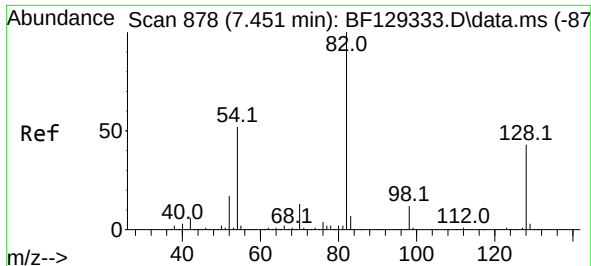


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00



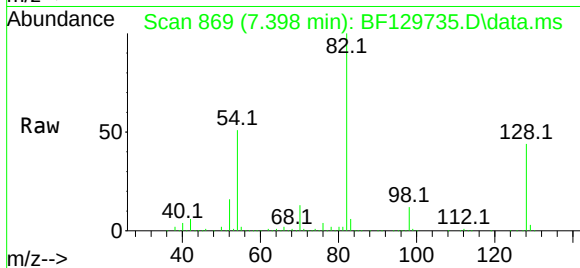
Tgt Ion:136 Resp: 450709
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 7.5 11.3
68 5.4 4.7 7.1





#23
Nitrobenzene-d5
Concen: 71.252 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

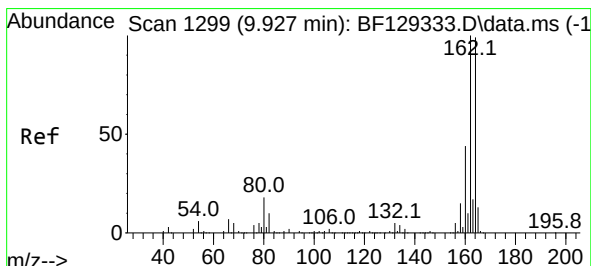
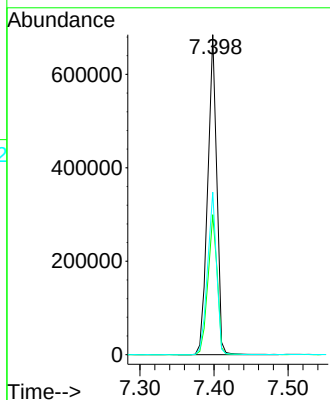
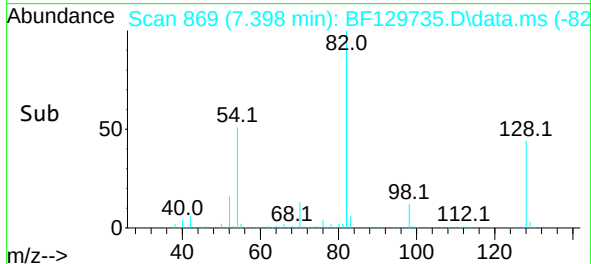
Instrument :
BNA_F
ClientSampleId :
SB09



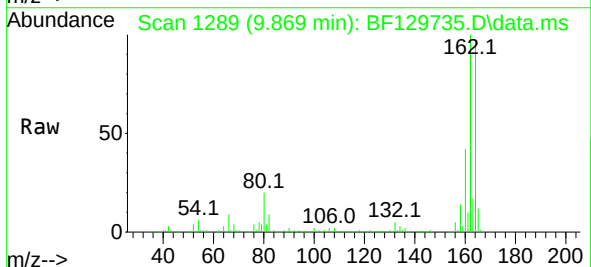
Tgt Ion: 82 Resp: 588292
Ion Ratio Lower Upper
82 100
128 43.7 34.0 51.0
54 50.8 46.9 70.3

Manual Integrations
APPROVED

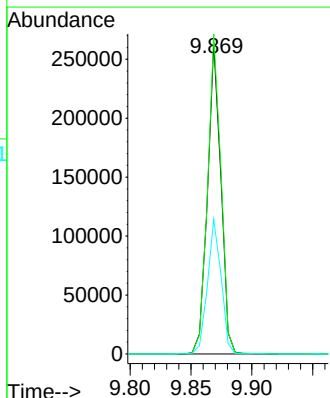
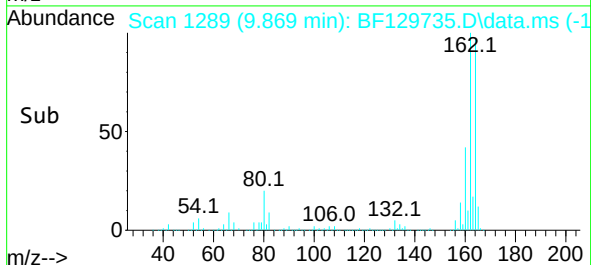
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

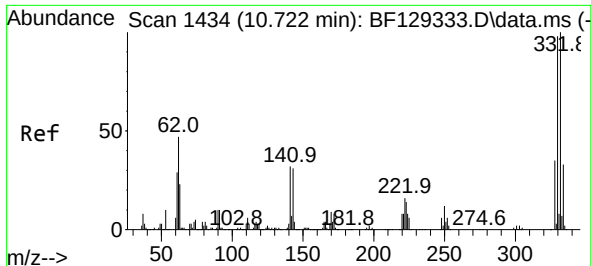


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00



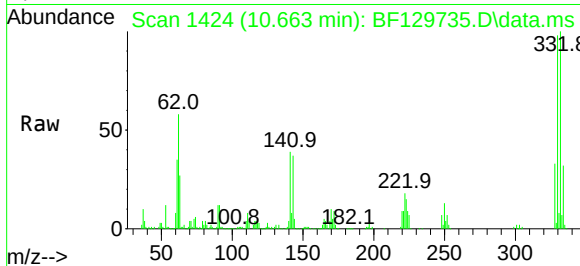
Tgt Ion:164 Resp: 200878
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 43.5 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 100.902 ng
RT: 10.663 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

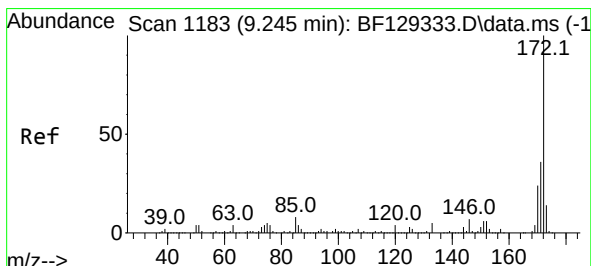
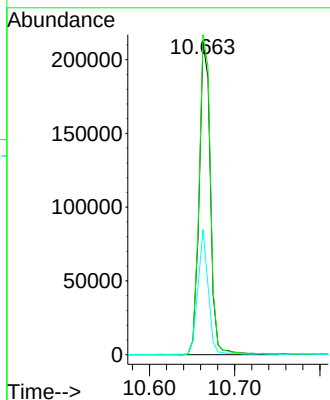
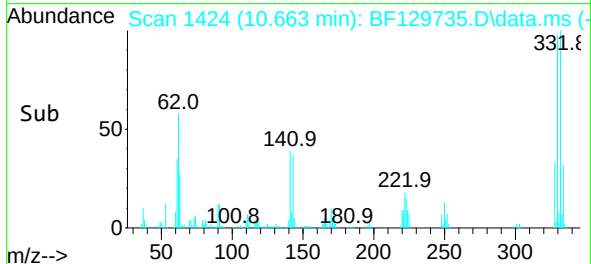
Instrument :
BNA_F
ClientSampleId :
SB09



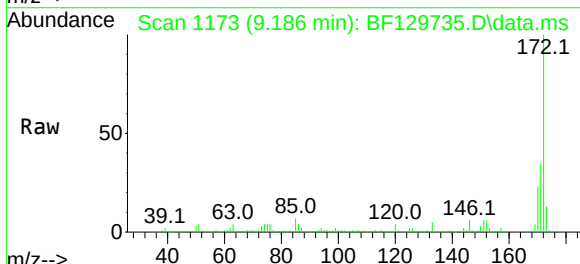
Tgt Ion: 330 Resp: 194872
Ion Ratio Lower Upper
330 100
332 103.3 76.8 115.2
141 36.6 28.0 42.0

Manual Integrations
APPROVED

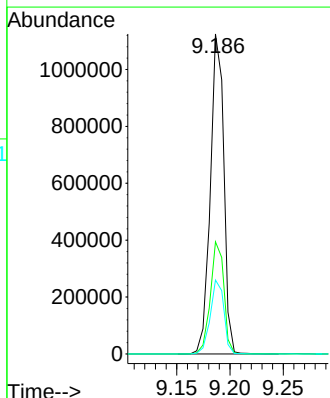
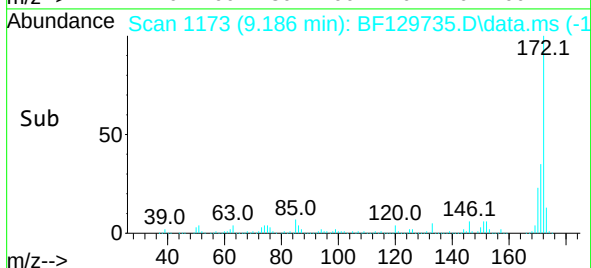
Reviewed By : Christian Giraldo 08/12/2022
Supervised By : Jagrut Upadhyay 08/12/2022

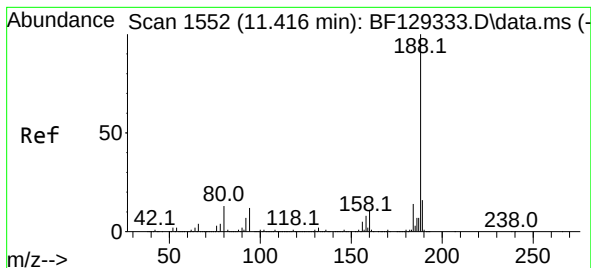


#45
2-Fluorobiphenyl
Concen: 76.471 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00



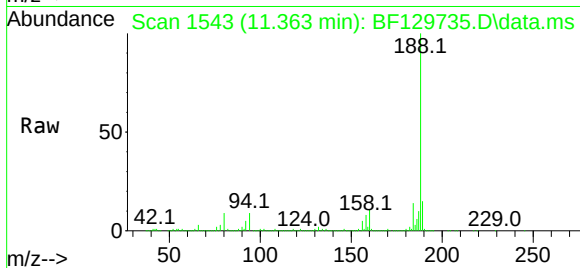
Tgt Ion: 172 Resp: 993012
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.1 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

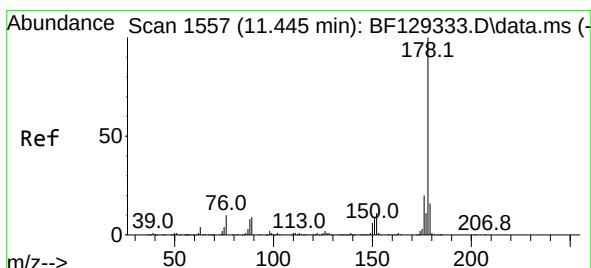
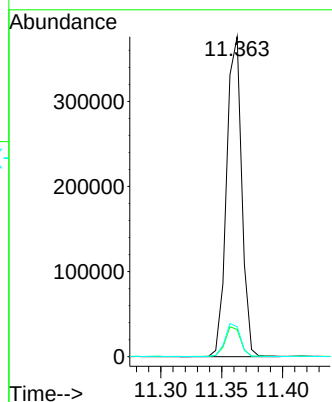
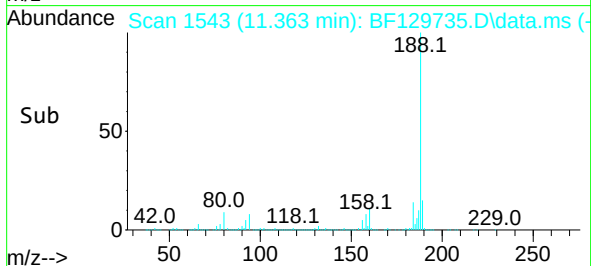
Instrument :
BNA_F
ClientSampleId :
SB09



Tgt Ion:188 Resp: 325328
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.3 7.6 11.4

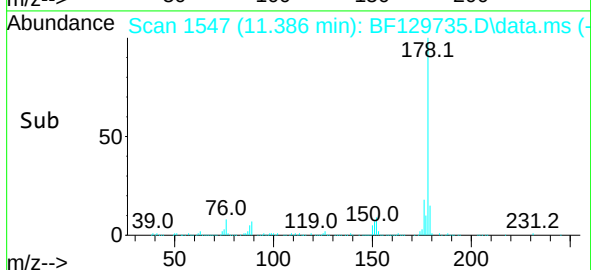
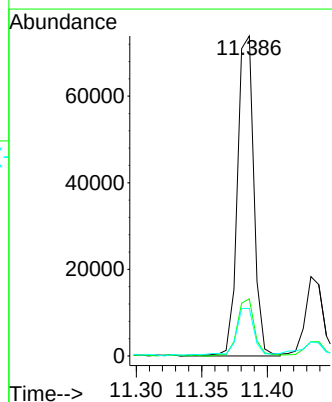
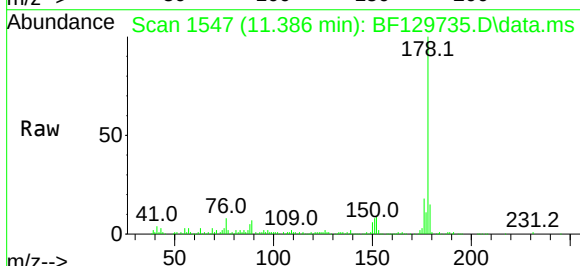
Manual Integrations
APPROVED

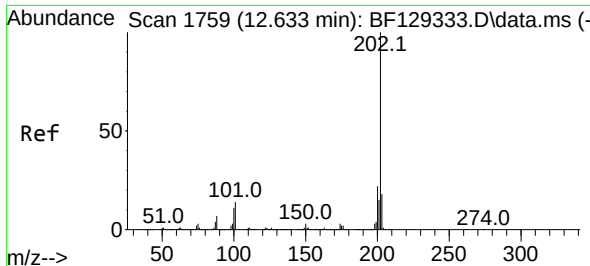
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#71
Phenanthrene
Concen: 3.632 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.012 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

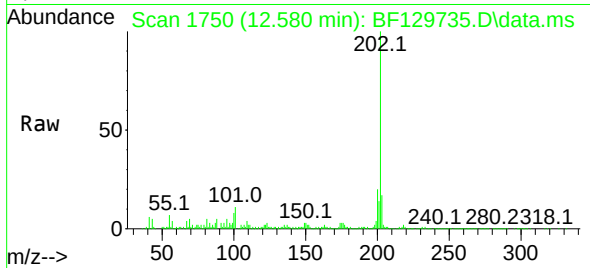
Tgt Ion:178 Resp: 64506
Ion Ratio Lower Upper
178 100
176 17.9 16.0 24.0
179 14.9 12.6 19.0





#75
Fluoranthene
Concen: 6.589 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

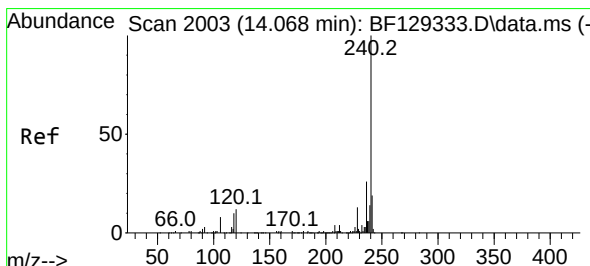
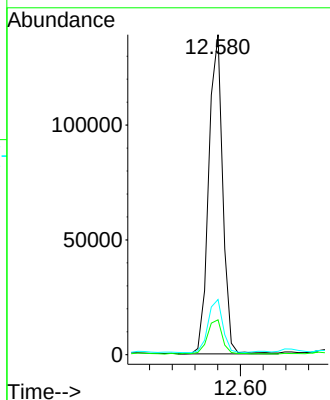
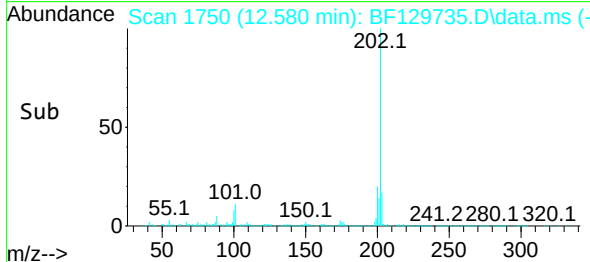
Instrument :
BNA_F
ClientSampleId :
SB09



Tgt Ion:202 Resp: 11856
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.2 0.0 38.0

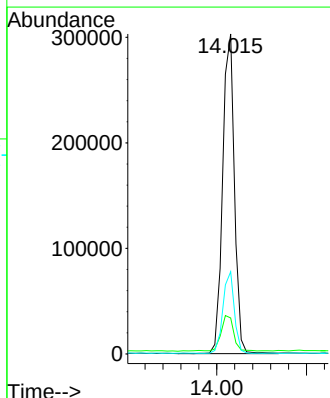
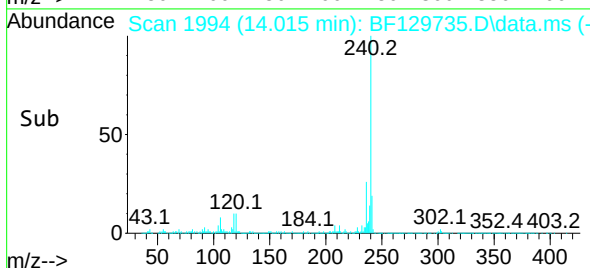
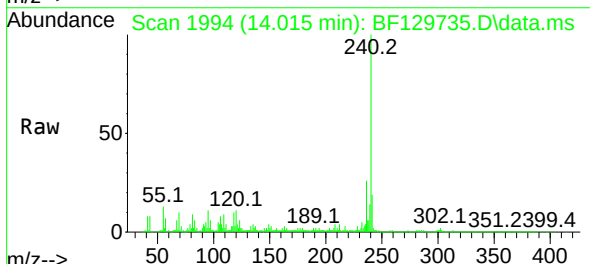
Manual Integrations
APPROVED

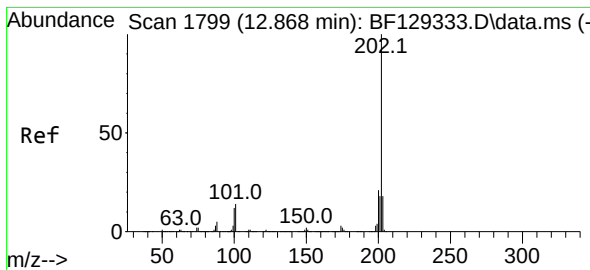
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

Tgt Ion:240 Resp: 275912
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.7 20.8 31.2





#78

Pyrene

Concen: 4.699 ng

RT: 12.810 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129735.D

Acq: 12 Aug 2022 02:00

Instrument :

BNA_F

ClientSampleId :

SB09

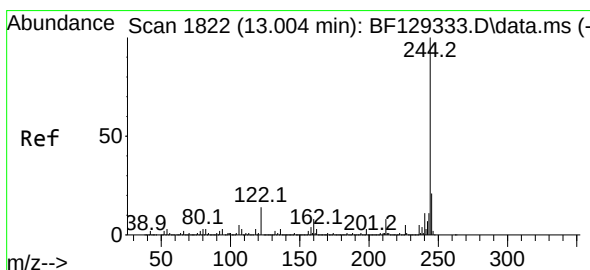
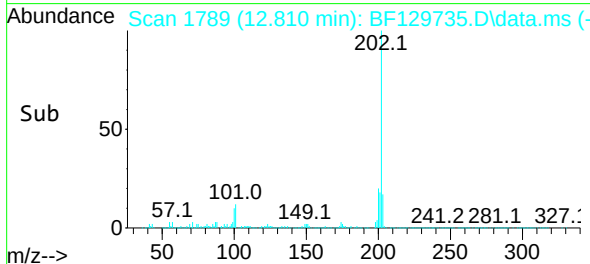
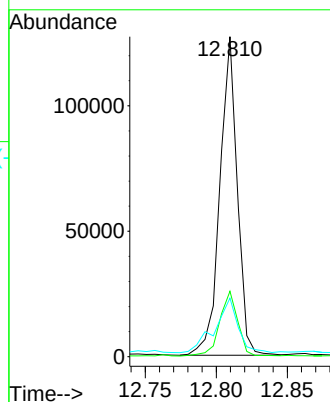
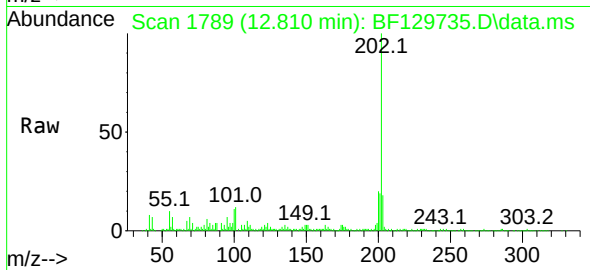
Tgt Ion:202 Resp: 108420
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.7 26.5
 203 18.3 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#79

Terphenyl-d14

Concen: 69.861 ng

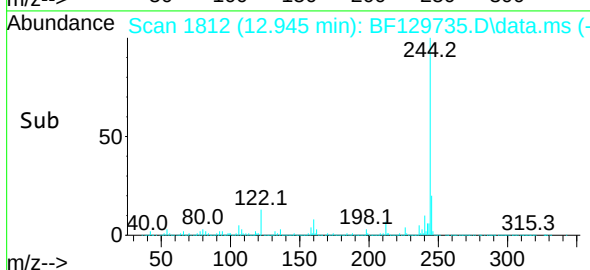
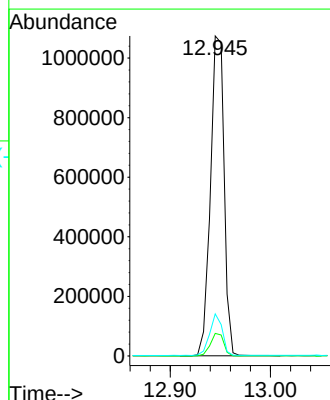
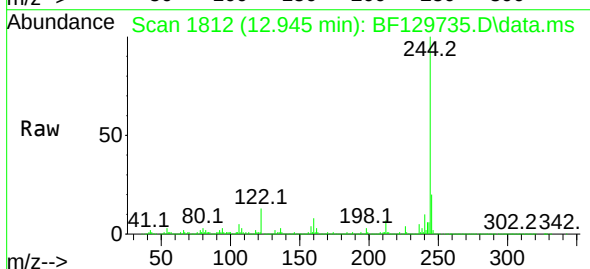
RT: 12.945 min Scan# 1812

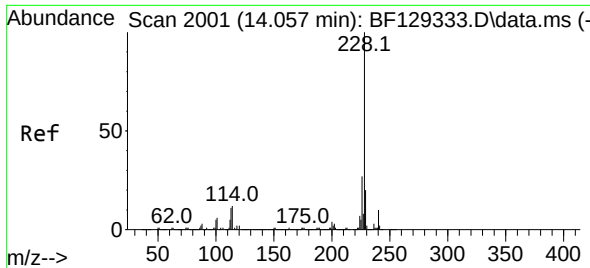
Delta R.T. -0.012 min

Lab File: BF129735.D

Acq: 12 Aug 2022 02:00

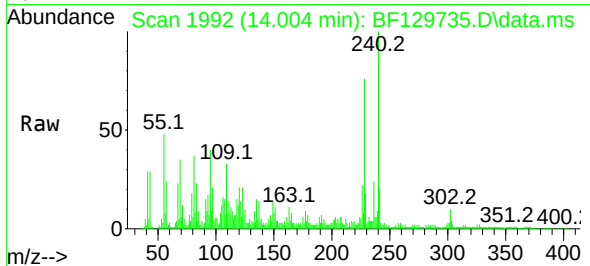
Tgt Ion:244 Resp: 1021712
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 13.2 8.8 13.2





#81
Benzo(a)anthracene
Concen: 2.998 ng m
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

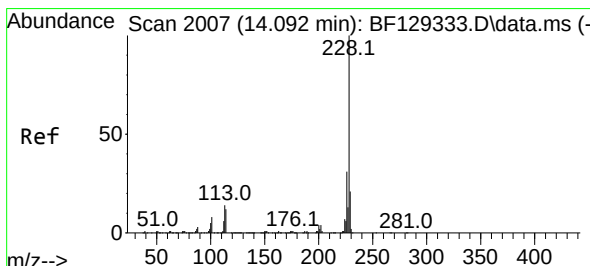
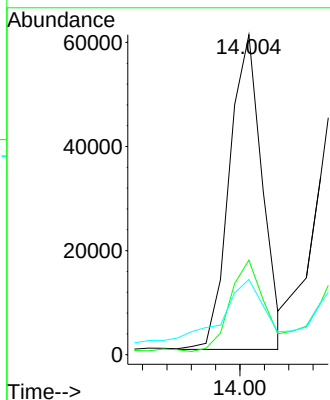
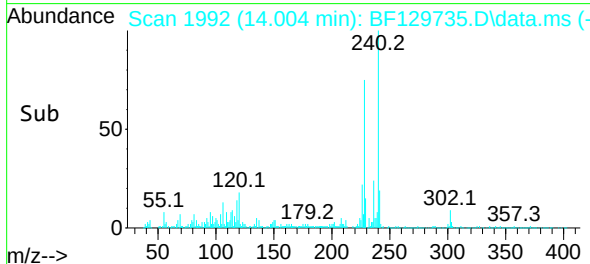
Instrument :
BNA_F
ClientSampleId :
SB09



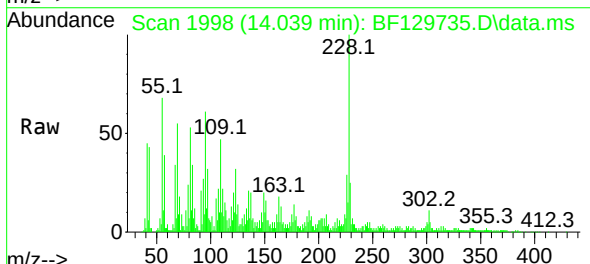
Tgt Ion:228 Resp: 56514
Ion Ratio Lower Upper
228 100
226 29.5 22.1 33.1
229 23.5 15.8 23.8

Manual Integrations
APPROVED

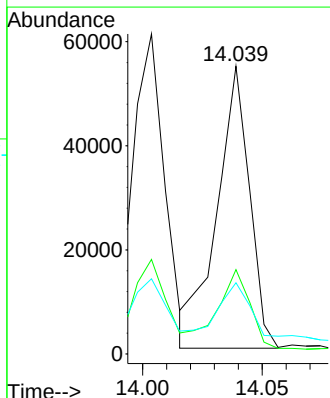
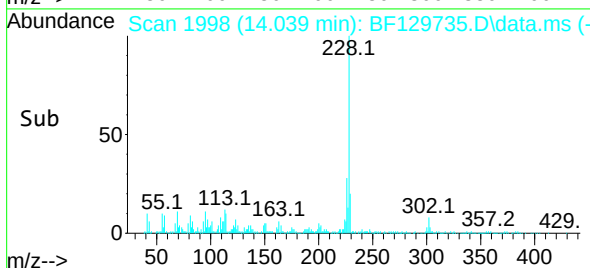
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

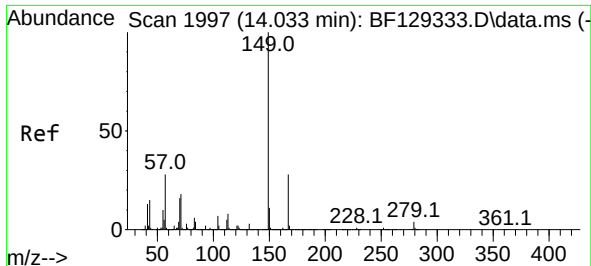


#83
Chrysene
Concen: 2.906 ng m
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00



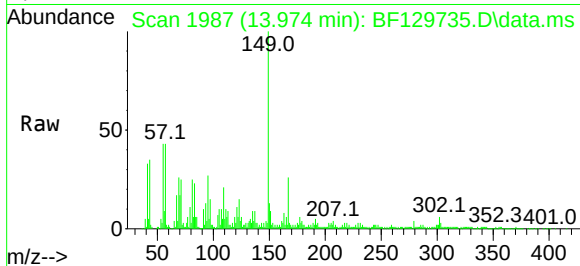
Tgt Ion:228 Resp: 51617
Ion Ratio Lower Upper
228 100
226 29.3 24.3 36.5
229 24.7 15.9 23.9#





#84
Bis(2-ethylhexyl)phthalate
Concen: 6.822 ng
RT: 13.974 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

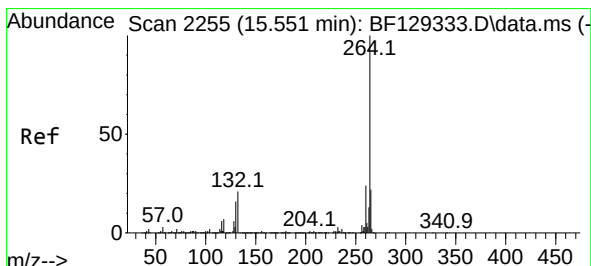
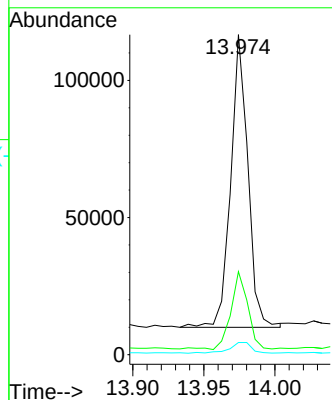
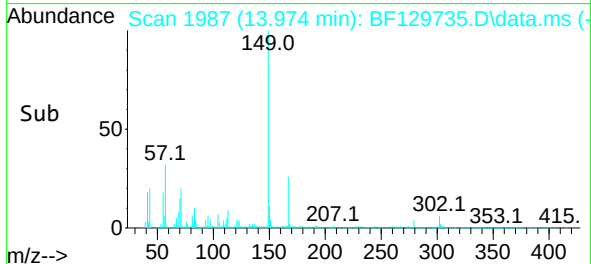
Instrument :
BNA_F
ClientSampleId :
SB09



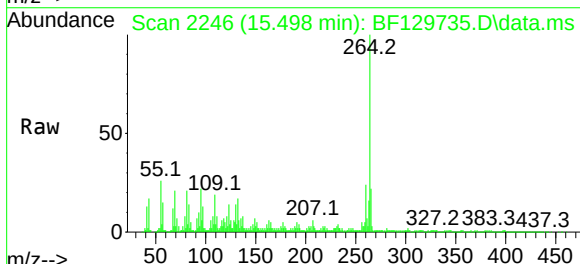
Tgt Ion:149 Resp: 8988
Ion Ratio Lower Upper
149 100
167 25.9 21.0 31.4
279 3.8 3.1 4.7

Manual Integrations
APPROVED

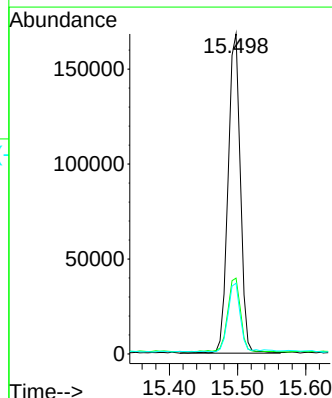
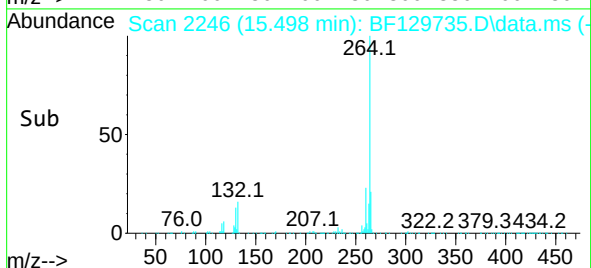
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

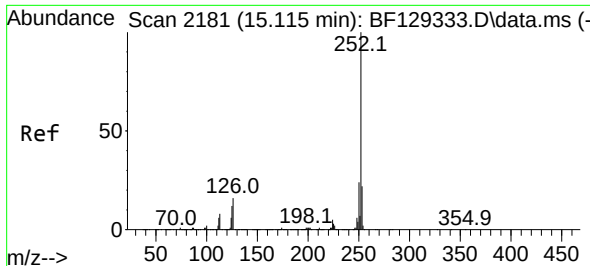


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2246
Delta R.T. 0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00



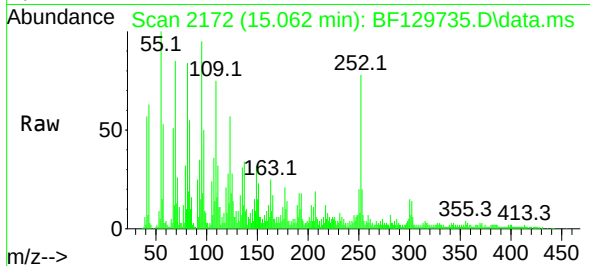
Tgt Ion:264 Resp: 210716
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 22.1 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 4.106 ng m
RT: 15.062 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

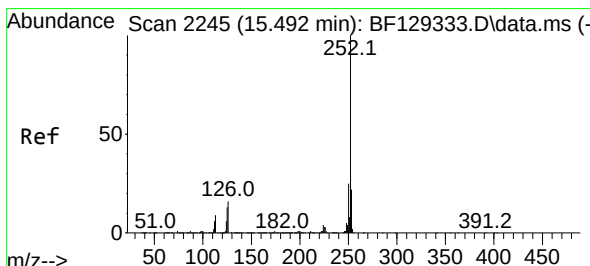
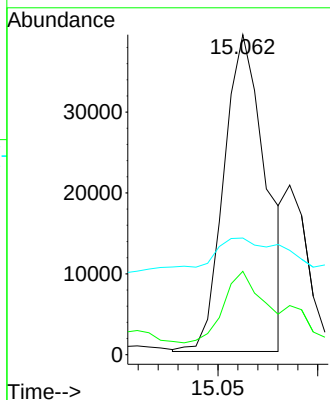
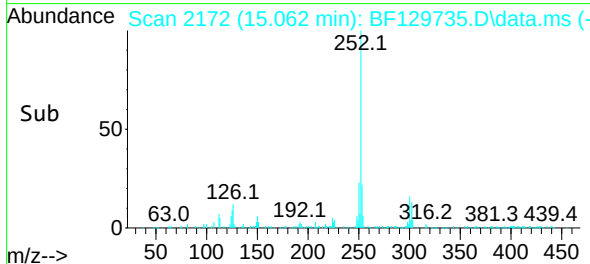
Instrument :
BNA_F
ClientSampleId :
SB09



Tgt Ion:252 Resp: 57392
Ion Ratio Lower Upper
252 100
253 26.1 17.7 26.5
125 36.5 8.0 12.0

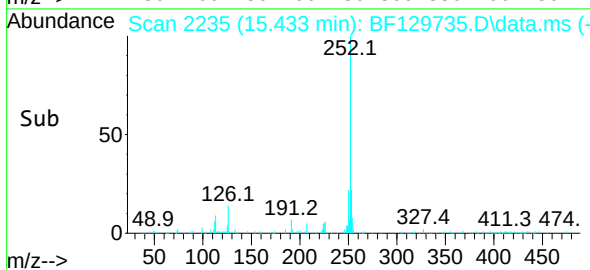
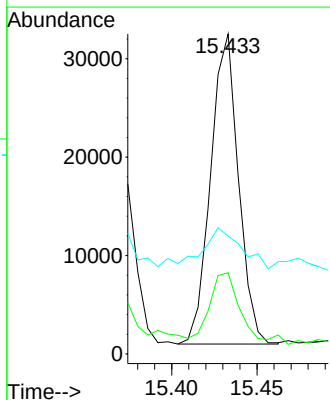
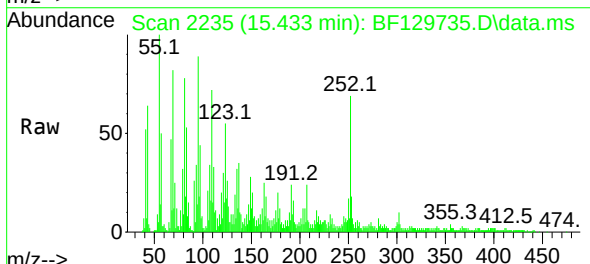
Manual Integrations
APPROVED

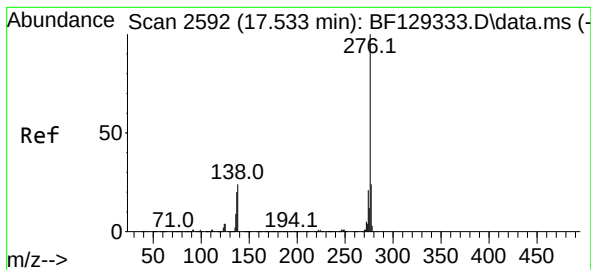
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#90
Benzo(a)pyrene
Concen: 3.156 ng
RT: 15.433 min Scan# 2235
Delta R.T. 0.006 min
Lab File: BF129735.D
Acq: 12 Aug 2022 02:00

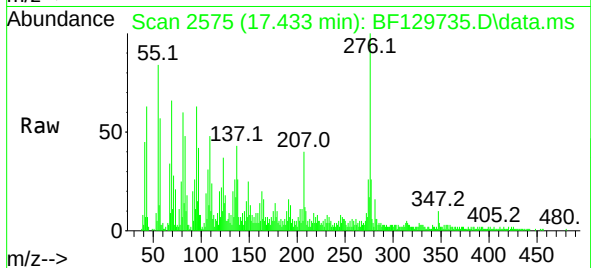
Tgt Ion:252 Resp: 35805
Ion Ratio Lower Upper
252 100
253 25.4 17.0 25.6
125 36.8 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.752 ng
 RT: 17.433 min Scan# 2575
 Delta R.T. -0.000 min
 Lab File: BF129735.D
 Acq: 12 Aug 2022 02:00

Instrument : BNA_F
 ClientSampleId : SB09



Tgt Ion:	276	Resp:	44275
Ion Ratio	Lower	Upper	
276	100		
277	26.5	19.1	28.7
138	26.4	18.0	27.0

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

