

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129734.D
 Acq On : 12 Aug 2022 01:28
 Operator : CG\JU
 Sample : N4130-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB06

Manual Integrations
 APPROVED

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

Quant Time: Aug 12 01:54:39 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	125633	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	447396	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	198209	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	315071	20.000	ng	0.00
76) Chrysene-d12	14.010	240	271242	20.000	ng	-0.01
86) Perylene-d12	15.486	264	211551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	739900	95.938	ng	0.00
7) Phenol-d6	6.487	99	884864	91.281	ng	0.00
23) Nitrobenzene-d5	7.398	82	546736	66.709	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	166519	87.383	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	859552	67.085	ng	-0.01
79) Terphenyl-d14	12.945	244	769818	53.543	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	197538	11.486	ng	98
72) Anthracene	11.433	178	52310	3.095	ng	99
75) Fluoranthene	12.580	202	621940	35.690	ng	99
78) Pyrene	12.810	202	600479	26.474	ng	98
81) Benzo(a)anthracene	14.004	228	377329	20.365	ng	97
83) Chrysene	14.039	228	384430	22.015	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	256284	17.990	ng	95
88) Benzo(b)fluoranthene	15.057	252	553901m	39.472	ng	
89) Benzo(k)fluoranthene	15.080	252	156336m	11.368	ng	
90) Benzo(a)pyrene	15.421	252	340684	29.907	ng	96
91) Dibenzo(a,h)anthracene	16.968	278	62697m	5.407	ng	
92) Benzo(g,h,i)perylene	17.421	276	276589	23.344	ng	100

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

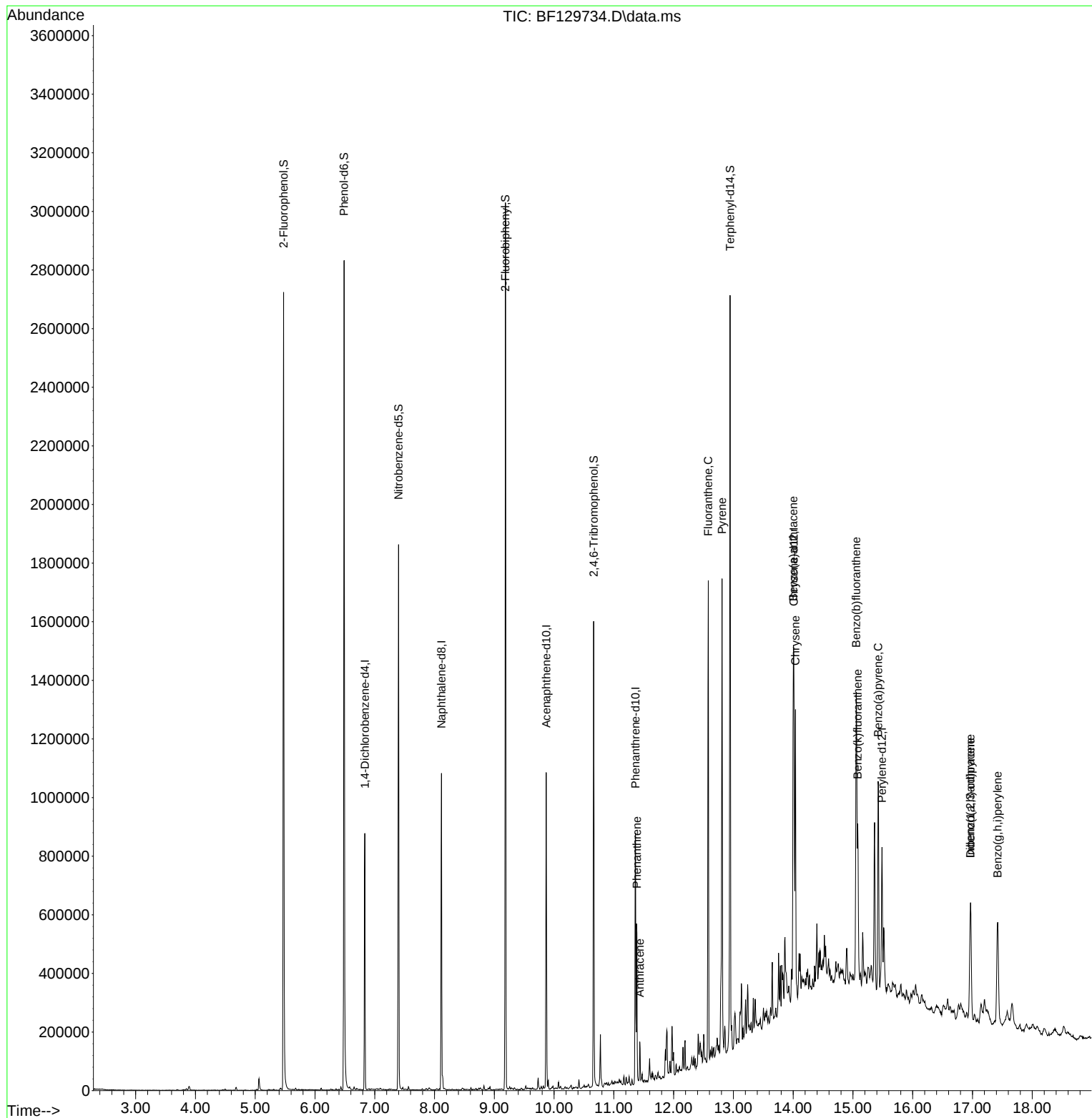
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
Data File : BF129734.D
Acq On : 12 Aug 2022 01:28
Operator : CG\JU
Sample : N4130-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB06

Quant Time: Aug 12 01:54:39 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

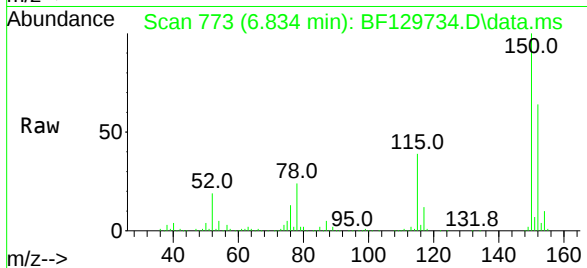
Reviewed By : Christian Giraldo 08/12/2022
Supervised By : Jagrut Upadhyay 08/12/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129734.D
 Acq: 12 Aug 2022 01:28

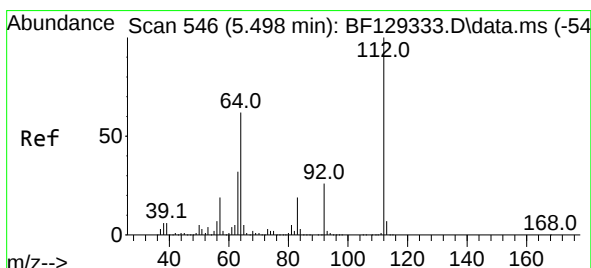
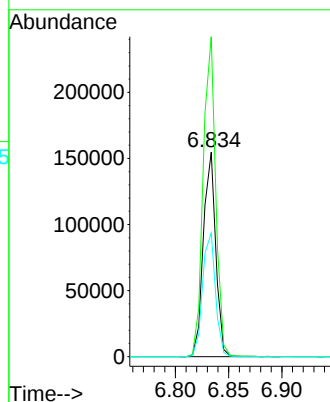
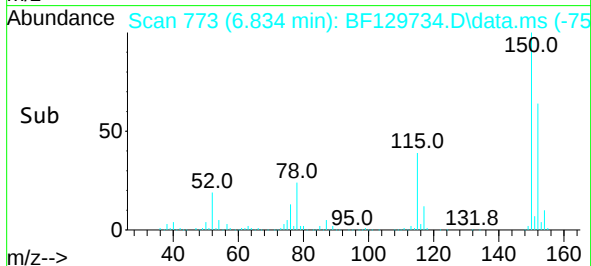
Instrument :
 BNA_F
 ClientSampleId :
 SB06



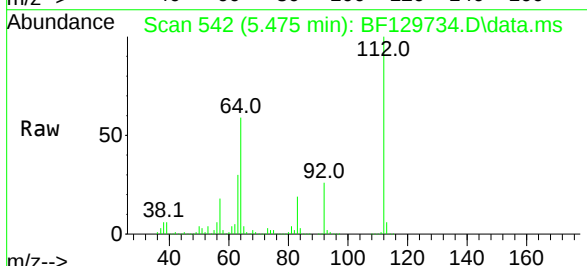
Tgt Ion:152 Resp: 12563
 Ion Ratio Lower Upper
 152 100
 150 156.5 123.7 185.5
 115 60.5 49.9 74.9

Manual Integrations
 APPROVED

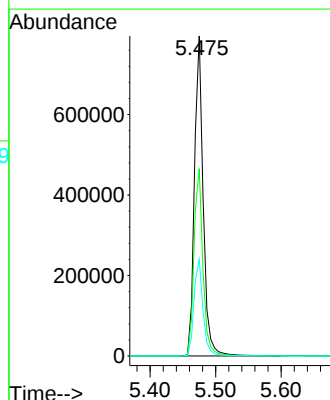
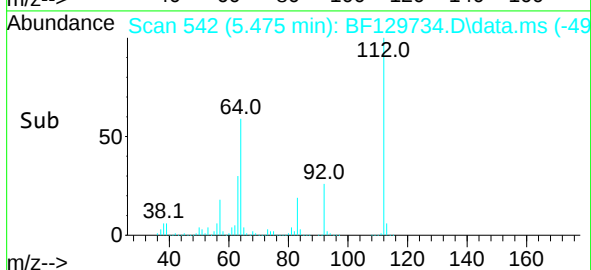
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022



#5
 2-Fluorophenol
 Concen: 95.938 ng
 RT: 5.475 min Scan# 542
 Delta R.T. 0.006 min
 Lab File: BF129734.D
 Acq: 12 Aug 2022 01:28



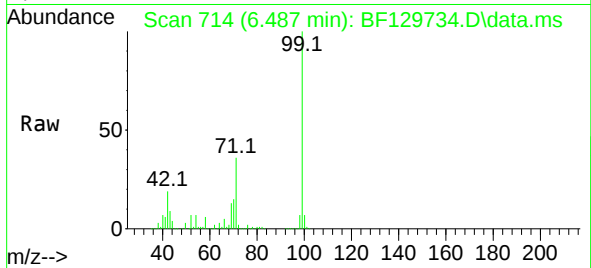
Tgt Ion:112 Resp: 739900
 Ion Ratio Lower Upper
 112 100
 64 58.5 53.3 79.9
 63 30.2 28.0 42.0





#7
Phenol-d6
Concen: 91.281 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

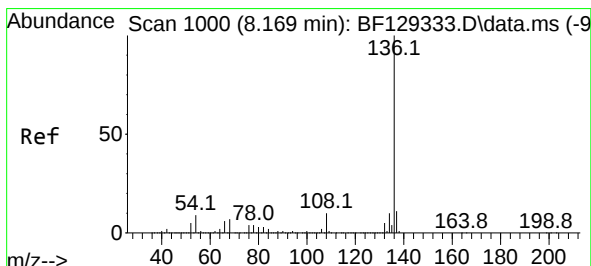
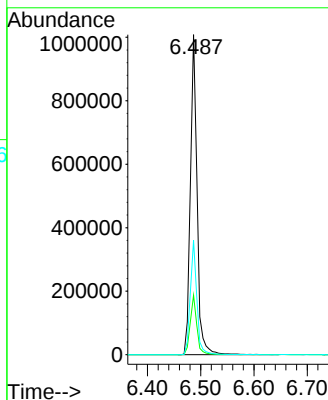
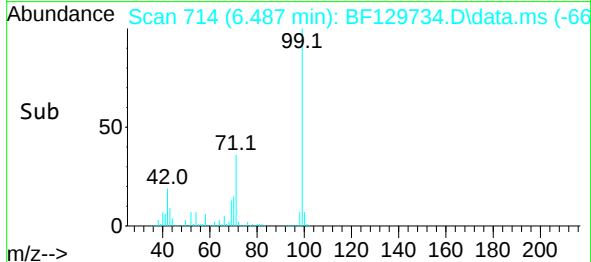
Instrument :
BNA_F
ClientSampleId :
SB06



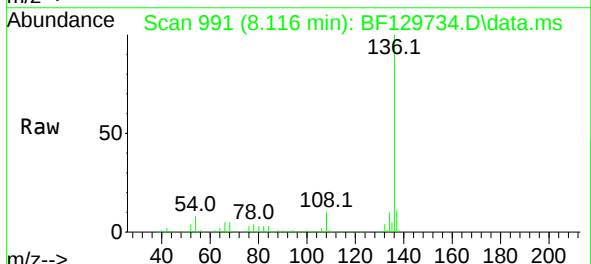
Tgt Ion: 99 Resp: 884864
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 35.8 28.9 43.3

Manual Integrations
APPROVED

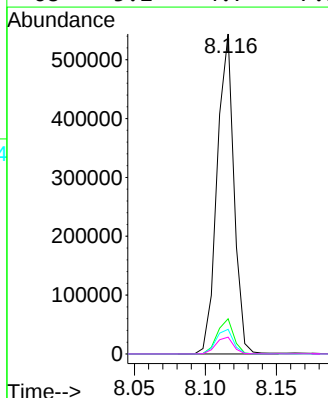
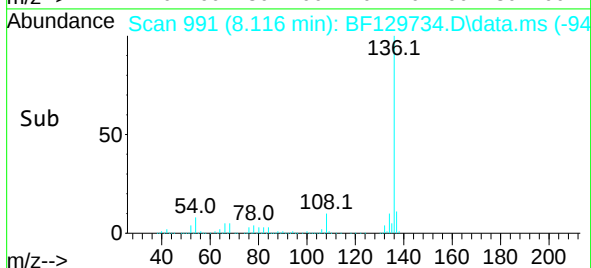
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28



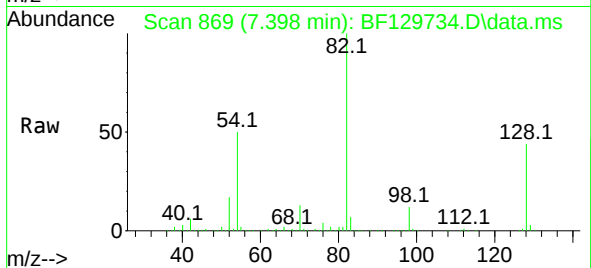
Tgt Ion:136 Resp: 447396
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 7.5 11.3
68 5.2 4.7 7.1





#23
Nitrobenzene-d5
Concen: 66.709 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

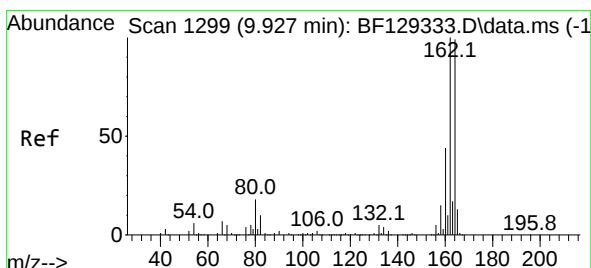
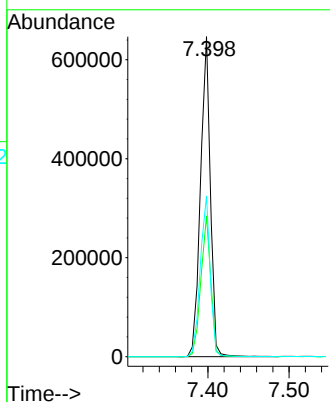
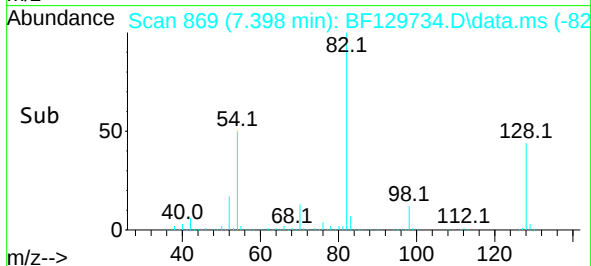
Instrument :
BNA_F
ClientSampleId :
SB06



Tgt Ion: 82 Resp: 546730
Ion Ratio Lower Upper
82 100
128 44.0 34.0 51.0
54 50.3 46.9 70.3

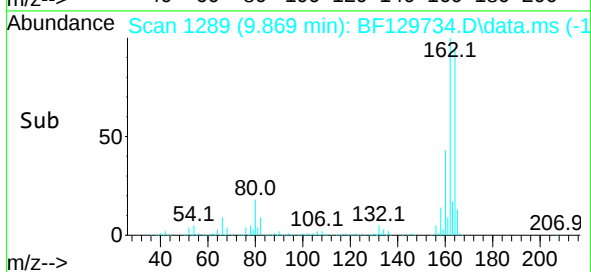
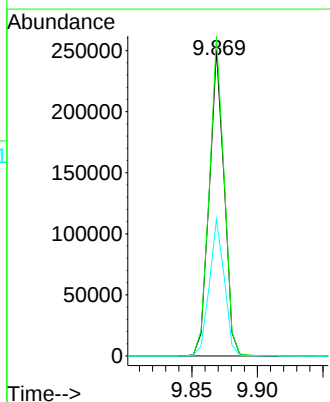
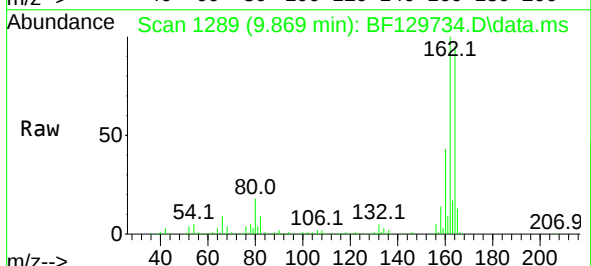
Manual Integrations
APPROVED

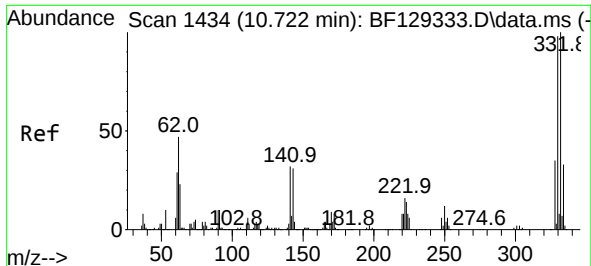
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

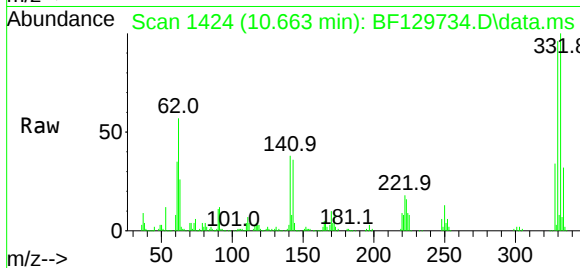
Tgt Ion:164 Resp: 198209
Ion Ratio Lower Upper
164 100
162 104.7 79.5 119.3
160 44.8 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 87.383 ng
RT: 10.663 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

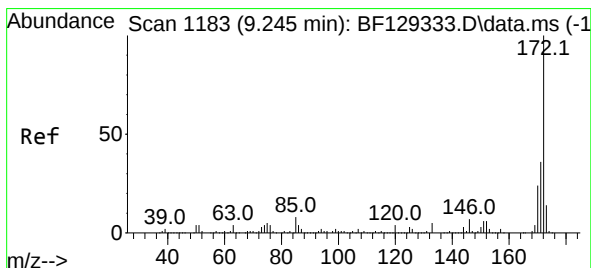
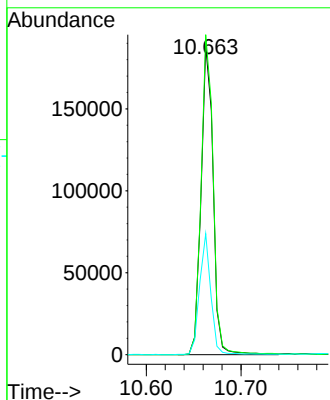
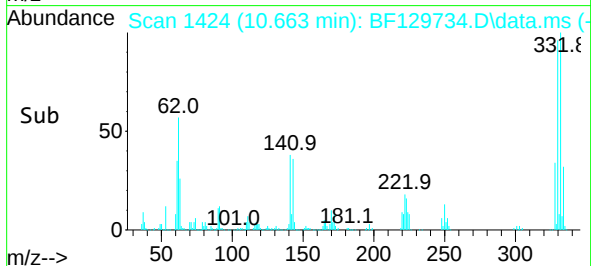
Instrument :
BNA_F
ClientSampleId :
SB06



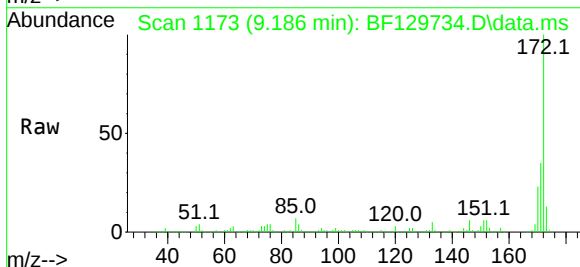
Tgt Ion: 330 Resp: 166519
Ion Ratio Lower Upper
330 100
332 103.7 76.8 115.2
141 37.1 28.0 42.0

Manual Integrations
APPROVED

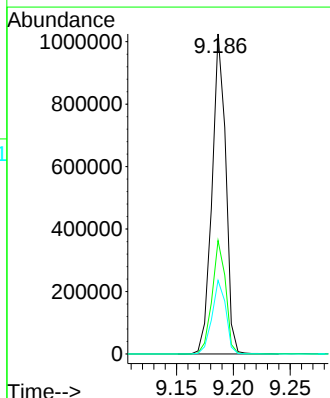
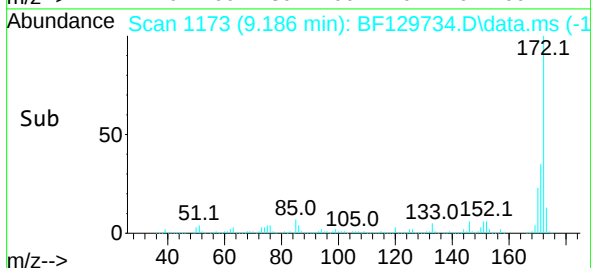
Reviewed By : Christian Giraldo 08/12/2022
Supervised By : Jagrut Upadhyay 08/12/2022

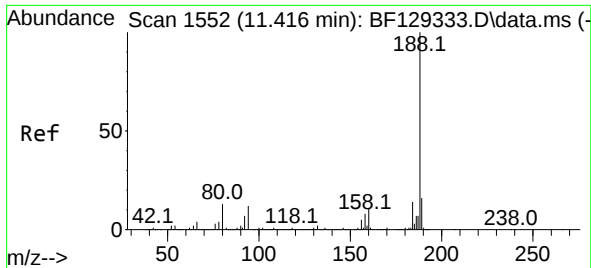


#45
2-Fluorobiphenyl
Concen: 67.085 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28



Tgt Ion: 172 Resp: 859552
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.0 19.8 29.8





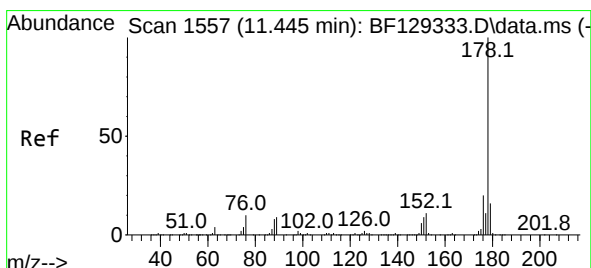
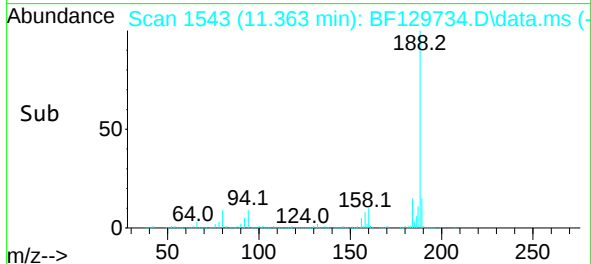
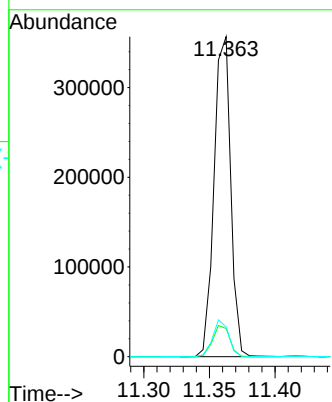
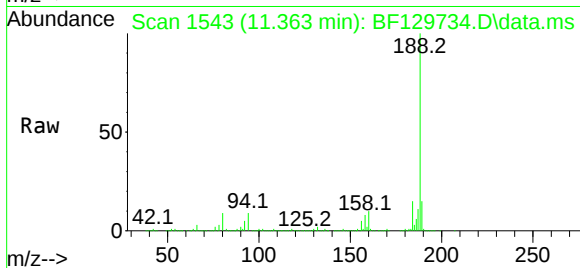
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

Instrument :
BNA_F
ClientSampleId :
SB06

Tgt Ion:188 Resp: 31507
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.3 7.6 11.4

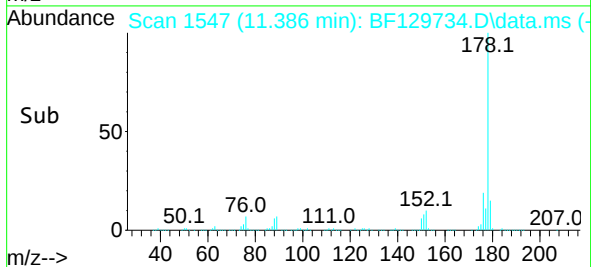
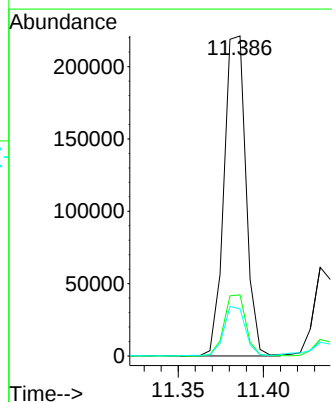
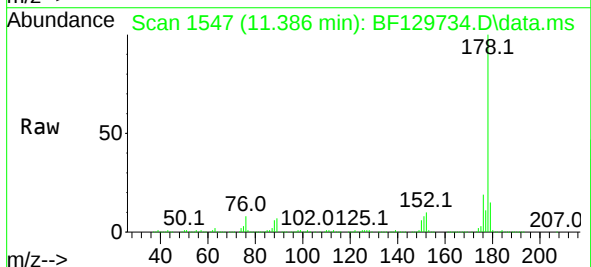
Manual Integrations
APPROVED

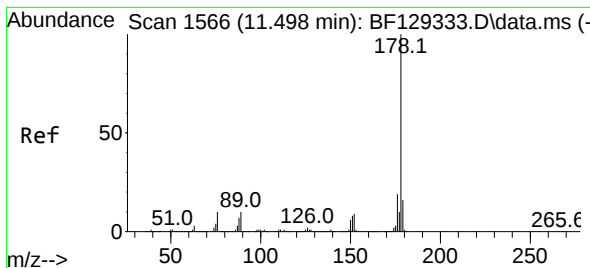
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#71
Phenanthrene
Concen: 11.486 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.012 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

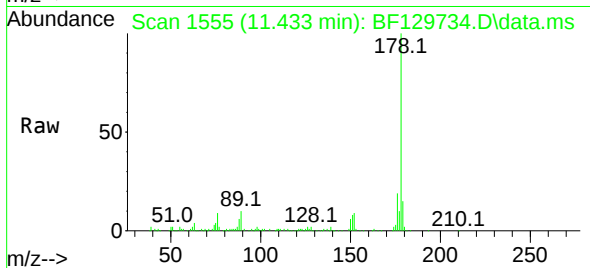
Tgt Ion:178 Resp: 197538
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 14.7 12.6 19.0





#72
 Anthracene
 Concen: 3.095 ng
 RT: 11.433 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129734.D
 Acq: 12 Aug 2022 01:28

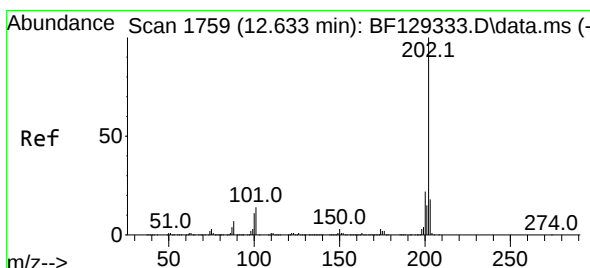
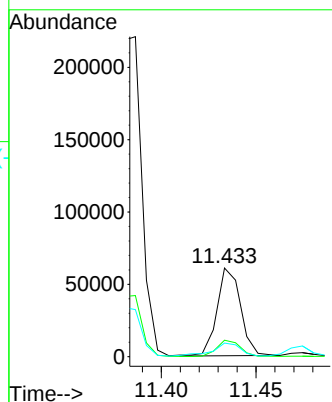
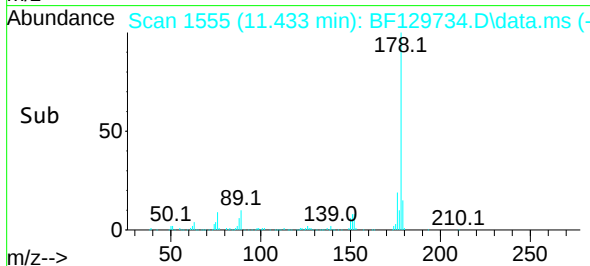
Instrument :
 BNA_F
 ClientSampleId :
 SB06



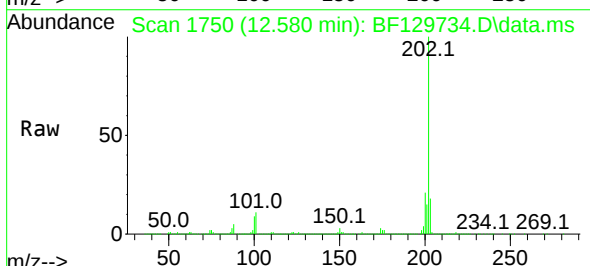
Tgt Ion:178 Resp: 52310
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.4 12.6 19.0

Manual Integrations
 APPROVED

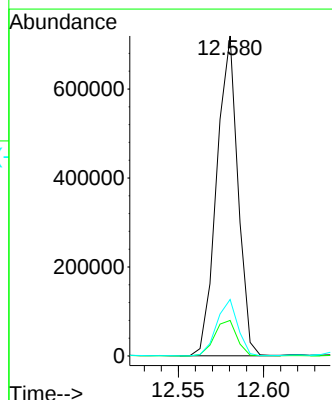
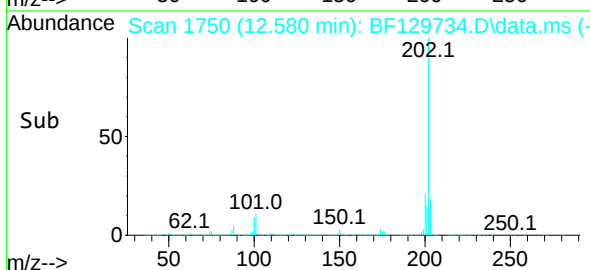
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

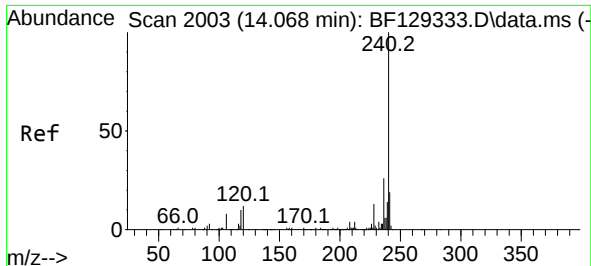


#75
 Fluoranthene
 Concen: 35.690 ng
 RT: 12.580 min Scan# 1750
 Delta R.T. -0.006 min
 Lab File: BF129734.D
 Acq: 12 Aug 2022 01:28



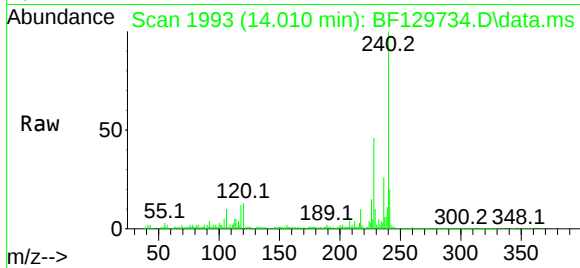
Tgt Ion:202 Resp: 621940
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 31.4
 203 17.6 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

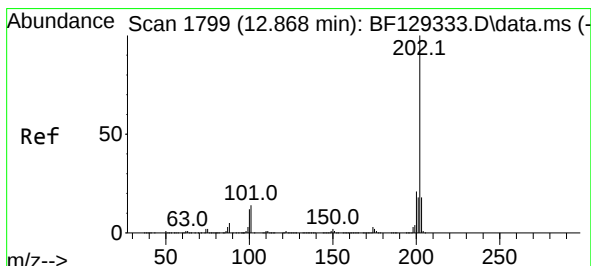
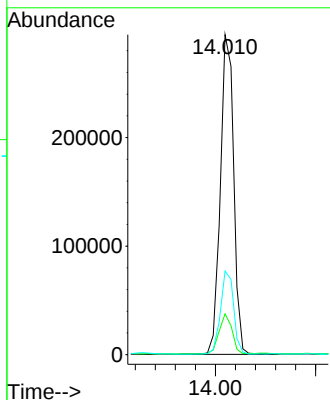
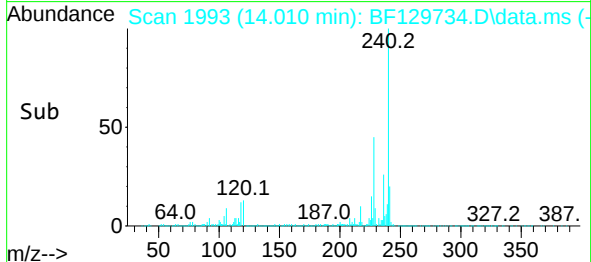
Instrument :
BNA_F
ClientSampleId :
SB06



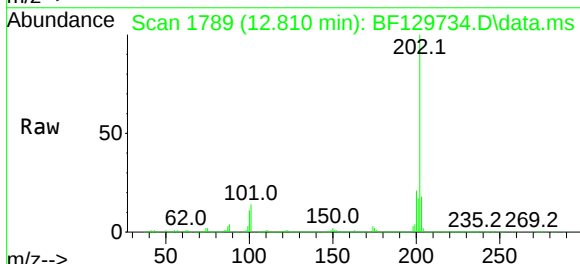
Tgt Ion:240 Resp: 27124
Ion Ratio Lower Upper
240 100
120 12.7 8.9 13.3
236 26.2 20.8 31.2

Manual Integrations
APPROVED

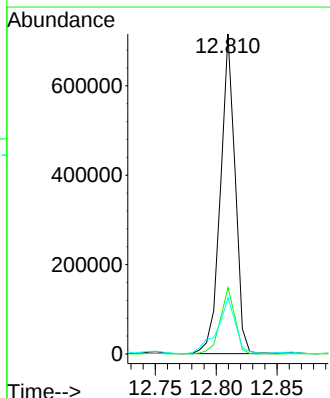
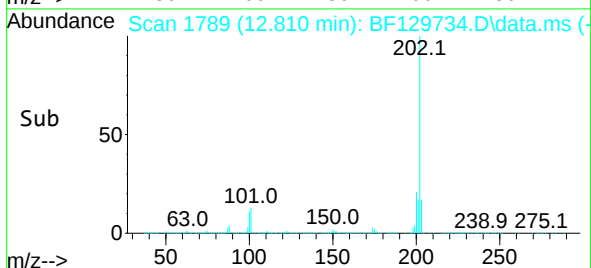
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

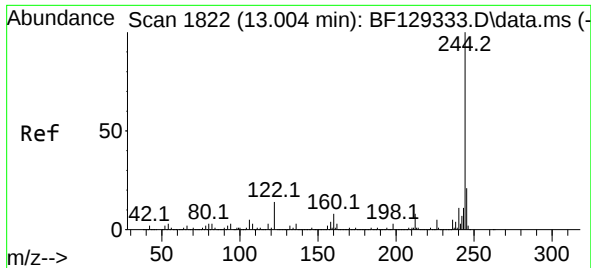


#78
Pyrene
Concen: 26.474 ng
RT: 12.810 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28



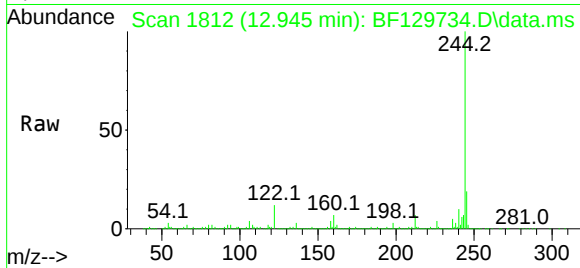
Tgt Ion:202 Resp: 600479
Ion Ratio Lower Upper
202 100
200 20.7 17.7 26.5
203 17.5 14.6 21.8





#79
 Terphenyl-d14
 Concen: 53.543 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129734.D
 Acq: 12 Aug 2022 01:28

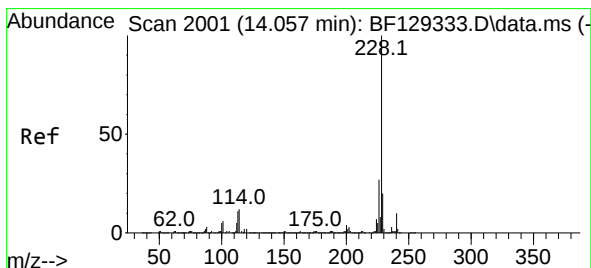
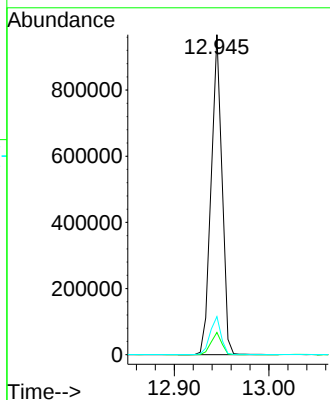
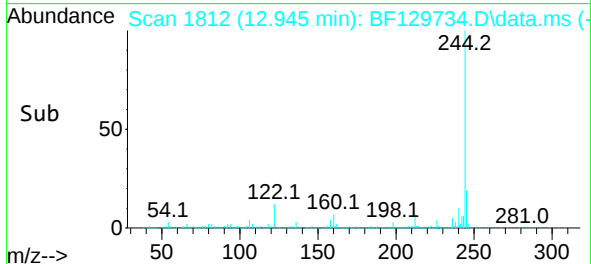
Instrument :
 BNA_F
 ClientSampleId :
 SB06



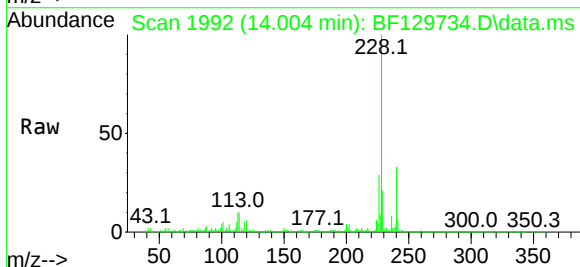
Tgt Ion:244 Resp: 769818
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 11.9 8.8 13.2

Manual Integrations
 APPROVED

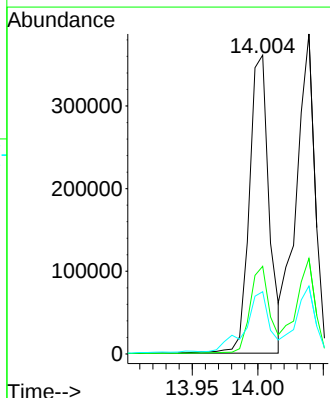
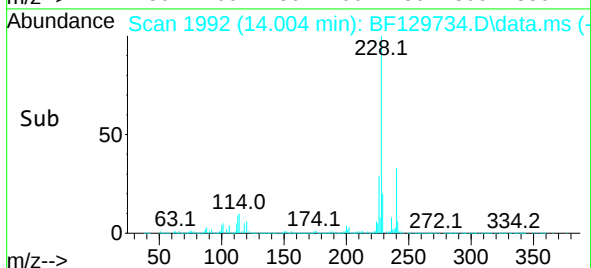
Reviewed By :Christian Giraldo 08/12/2022
 Supervised By :Jagrut Upadhyay 08/12/2022

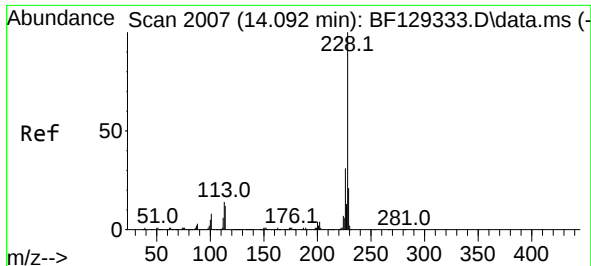


#81
 Benzo(a)anthracene
 Concen: 20.365 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. -0.006 min
 Lab File: BF129734.D
 Acq: 12 Aug 2022 01:28



Tgt Ion:228 Resp: 377329
 Ion Ratio Lower Upper
 228 100
 226 29.3 22.1 33.1
 229 20.8 15.8 23.8





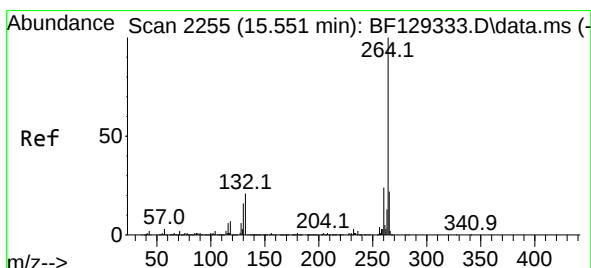
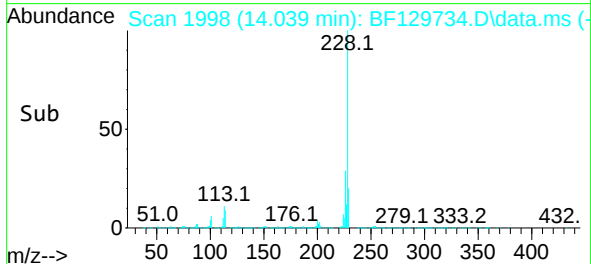
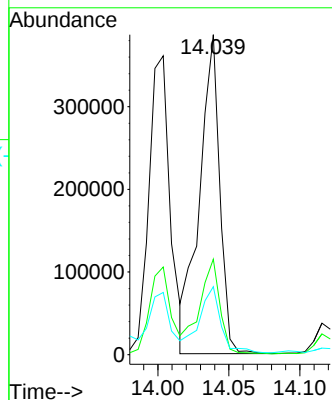
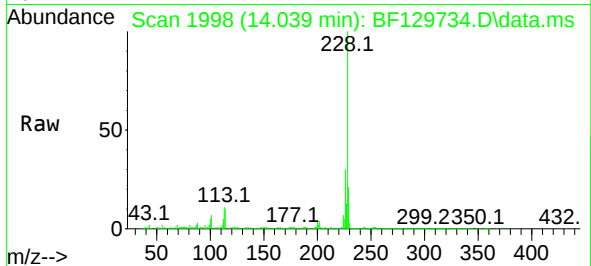
#83
Chrysene
Concen: 22.015 ng
RT: 14.039 min Scan# 14039
Delta R.T. -0.006 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

Instrument :
BNA_F
ClientSampleId :
SB06

Tgt Ion:228 Resp: 384430
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 21.3 15.9 23.9

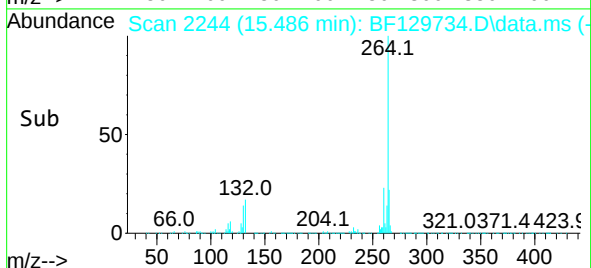
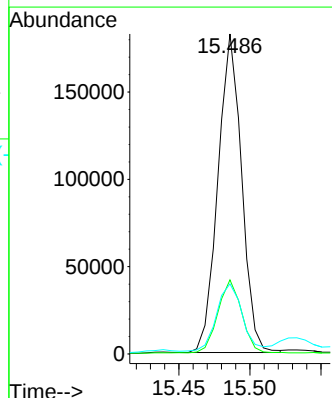
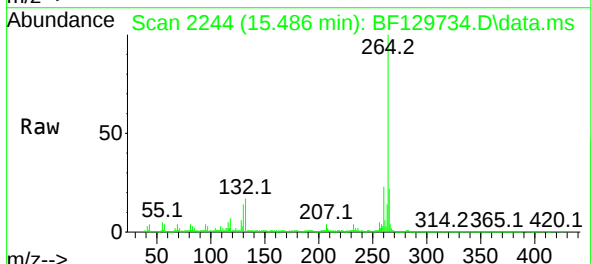
Manual Integrations
APPROVED

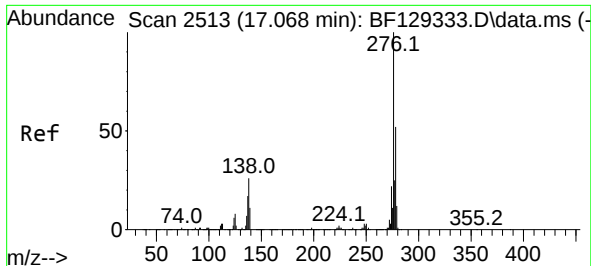
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

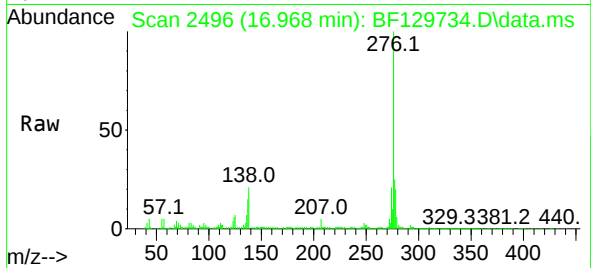
Tgt Ion:264 Resp: 211551
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 21.9 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 17.990 ng
RT: 16.968 min Scan# 2496
Delta R.T. -0.018 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

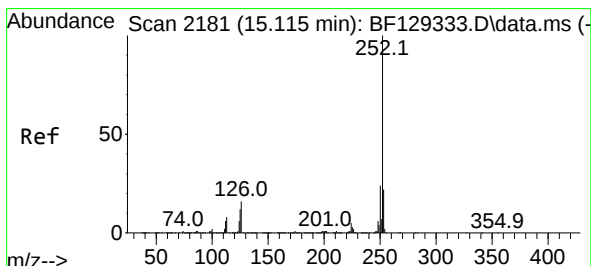
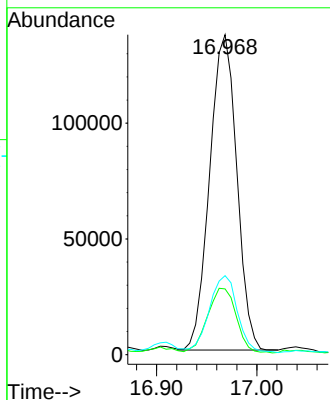
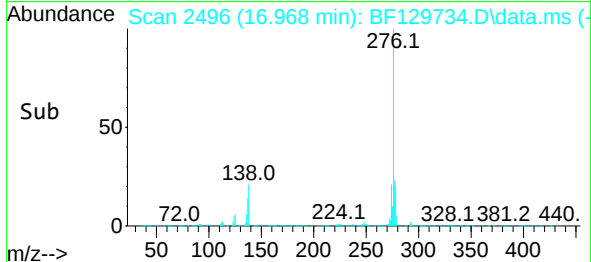
Instrument :
BNA_F
ClientSampleId :
SB06



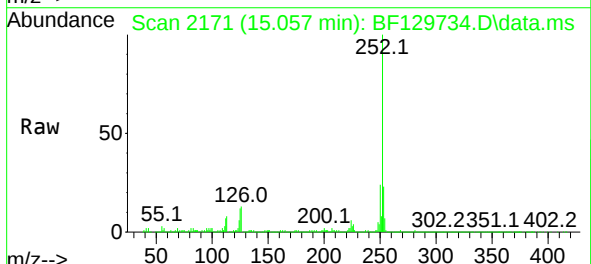
Tgt Ion:276 Resp: 256284
Ion Ratio Lower Upper
276 100
138 21.7 21.1 31.7
277 25.2 20.3 30.5

Manual Integrations
APPROVED

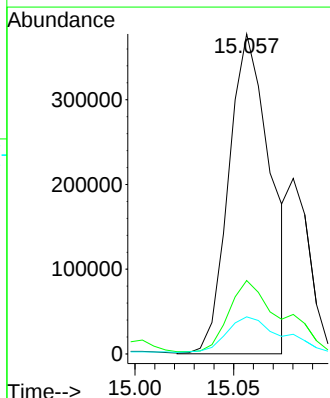
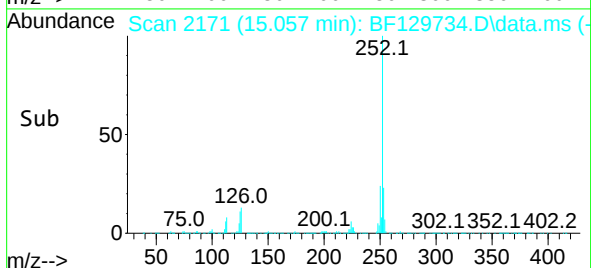
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

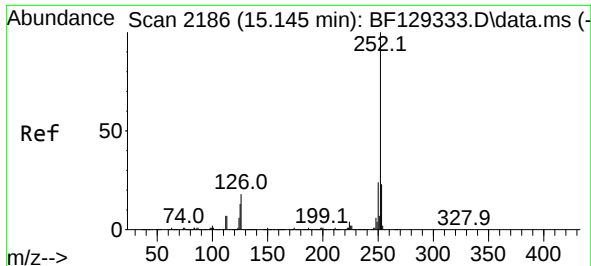


#88
Benzo(b)fluoranthene
Concen: 39.472 ng m
RT: 15.057 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28



Tgt Ion:252 Resp: 553901
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 11.6 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 11.368 ng m

RT: 15.080 min Scan# 2186

Delta R.T. -0.012 min

Lab File: BF129734.D

Acq: 12 Aug 2022 01:28

Instrument :

BNA_F

ClientSampleId :

SB06

Tgt Ion:252 Resp: 156330

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

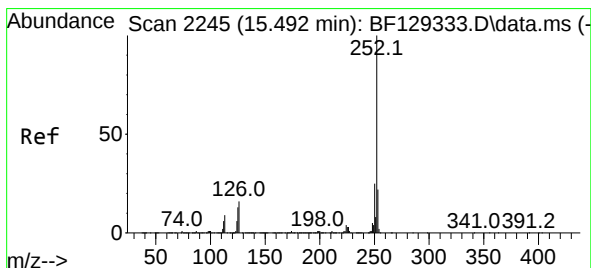
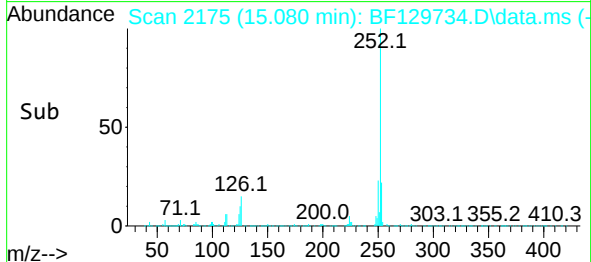
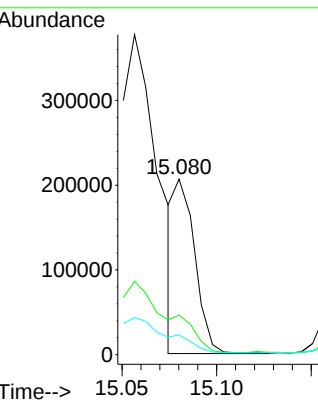
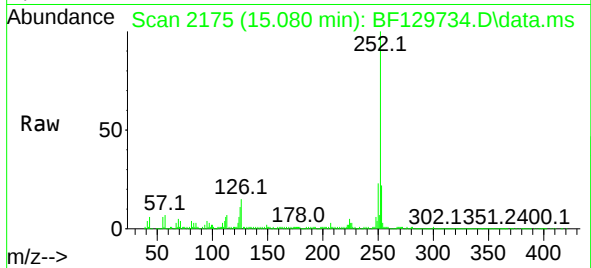
125 11.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#90

Benzo(a)pyrene

Concen: 29.907 ng

RT: 15.421 min Scan# 2233

Delta R.T. -0.006 min

Lab File: BF129734.D

Acq: 12 Aug 2022 01:28

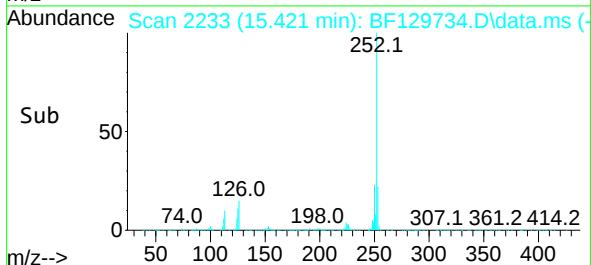
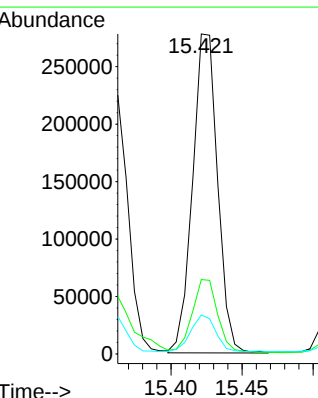
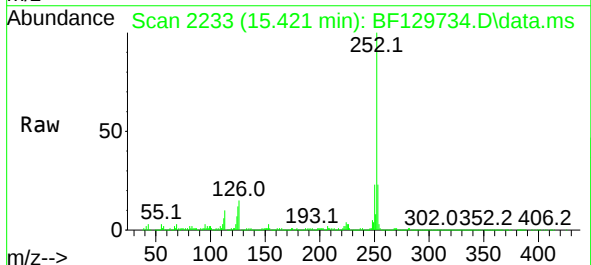
Tgt Ion:252 Resp: 340684

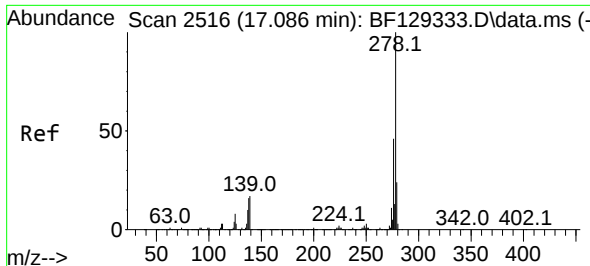
Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.6

125 12.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 5.407 ng m

RT: 16.968 min Scan# 2496

Delta R.T. -0.024 min

Lab File: BF129734.D

Acq: 12 Aug 2022 01:28

Instrument :

BNA_F

ClientSampleId :

SB06

Tgt Ion:278 Resp: 6269

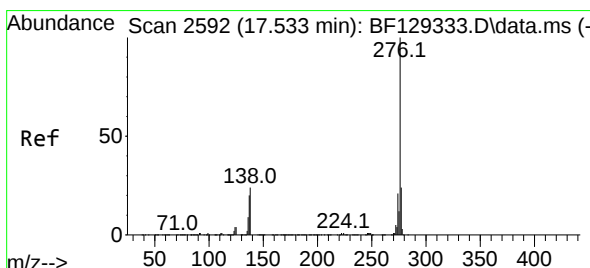
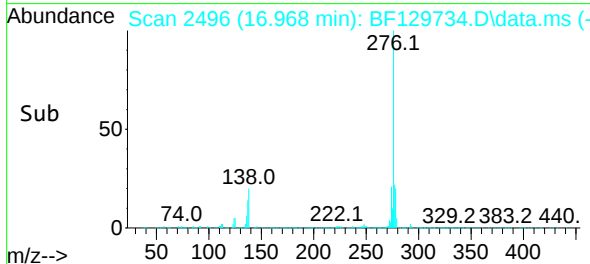
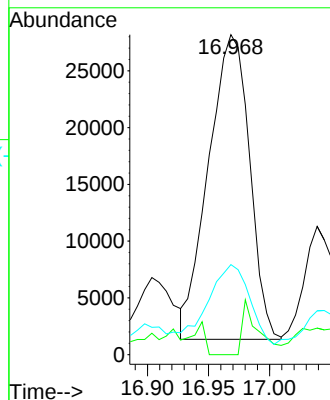
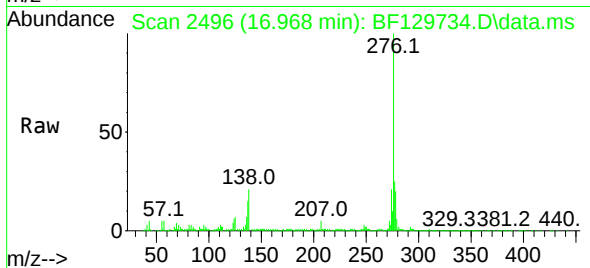
Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.8	19.2
279	28.1	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/12/2022

Supervised By :Jagrut Upadhyay 08/12/2022



#92

Benzo(g,h,i)perylene

Concen: 23.344 ng

RT: 17.421 min Scan# 2573

Delta R.T. -0.012 min

Lab File: BF129734.D

Acq: 12 Aug 2022 01:28

Tgt Ion:276 Resp: 276589

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	22.8	18.0	27.0

