

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
 Data File : BF129751.D
 Acq On : 12 Aug 2022 18:52
 Operator : CG\JU
 Sample : N4179-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-7211930

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
 Supervised By :Sohil Jodhani 08/16/2022

Quant Time: Aug 13 02:06:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 12 15:52:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	117387	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	444778	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	205517	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	287513	20.000	ng	0.00
76) Chrysene-d12	14.010	240	248867	20.000	ng	0.00
86) Perylene-d12	15.480	264	265261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1130625	156.899	ng	0.01
7) Phenol-d6	6.487	99	1385321	152.945	ng	0.00
23) Nitrobenzene-d5	7.398	82	872963	107.141	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	285539	144.511	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1549980	116.669	ng	0.00
79) Terphenyl-d14	12.945	244	1294797	98.154	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.380	178	173562	11.059	ng	98
72) Anthracene	11.433	178	39633	2.570	ng	98
75) Fluoranthene	12.575	202	297687	18.720	ng	99
78) Pyrene	12.804	202	320028	15.378	ng	97
81) Benzo(a)anthracene	13.998	228	162263	9.545	ng	96
83) Chrysene	14.033	228	185520	11.579	ng	98
84) Bis(2-ethylhexyl)phtha...	13.969	149	400370	33.690	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	79554	4.454	ng	94
88) Benzo(b)fluoranthene	15.051	252	239010m	13.584	ng	
89) Benzo(k)fluoranthene	15.074	252	69538m	4.033	ng	
90) Benzo(a)pyrene	15.416	252	144994	10.151	ng	98
92) Benzo(g,h,i)perylene	17.409	276	75115	5.056	ng	99

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

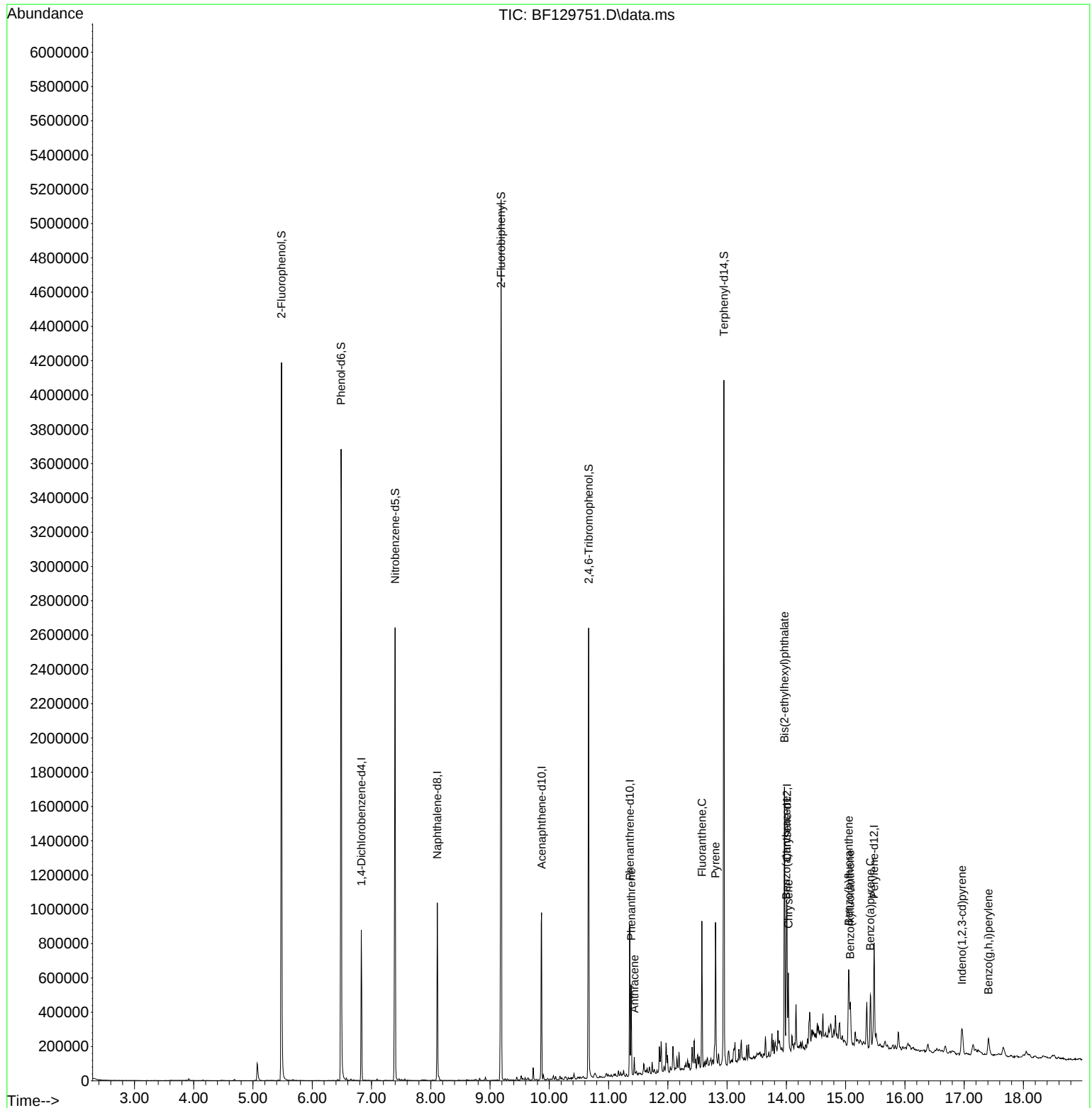
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129751.D
Acq On : 12 Aug 2022 18:52
Operator : CG\JU
Sample : N4179-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-7211930

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022

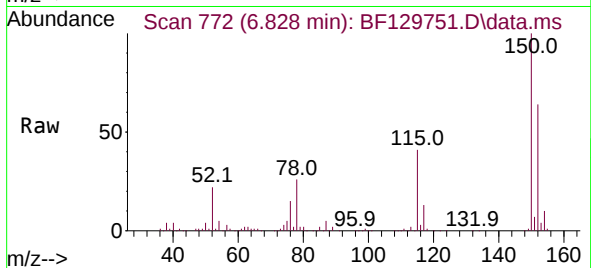
Quant Time: Aug 13 02:06:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 12 15:52:45 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

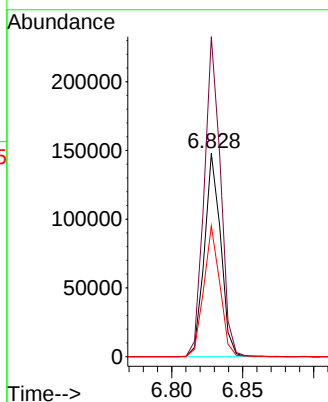
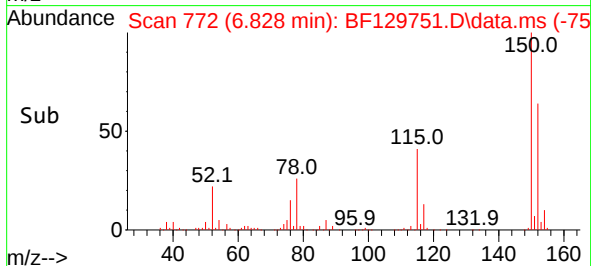
Instrument :
BNA_F
ClientSampleId :
RO-7211930



Tgt Ion:152 Resp: 11738
Ion Ratio Lower Upper
152 100
150 157.4 123.7 185.5
115 64.3 49.9 74.9

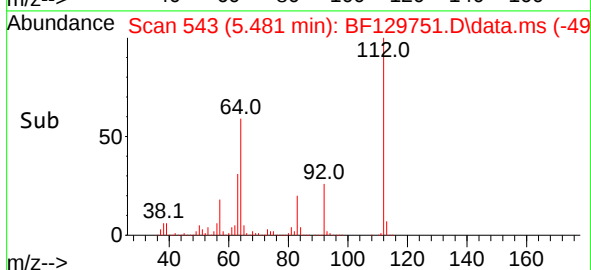
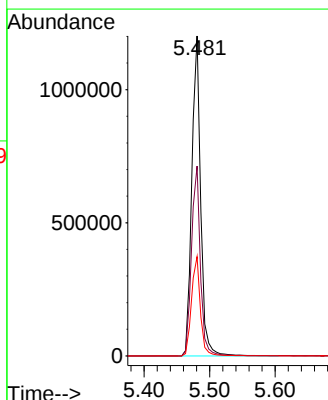
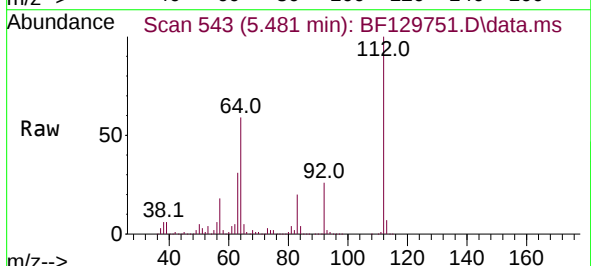
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#5
2-Fluorophenol
Concen: 156.899 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

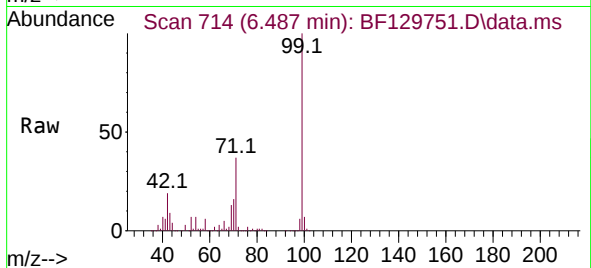
Tgt Ion:112 Resp: 1130625
Ion Ratio Lower Upper
112 100
64 59.3 53.3 79.9
63 31.0 28.0 42.0





#7
Phenol-d6
Concen: 152.945 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

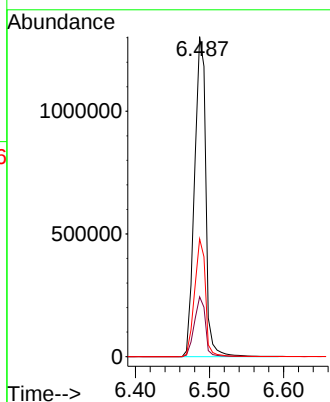
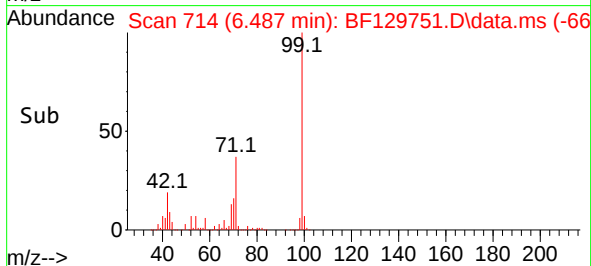
Instrument :
BNA_F
ClientSampleId :
RO-7211930



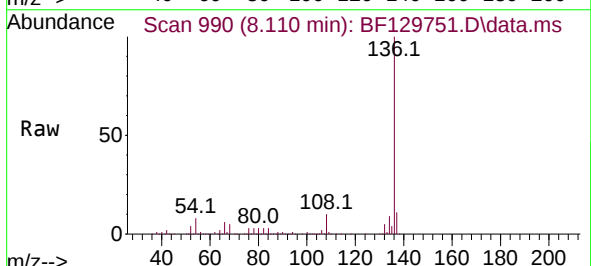
Tgt Ion: 99 Resp: 138532
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 36.8 28.9 43.3

Manual Integrations
APPROVED

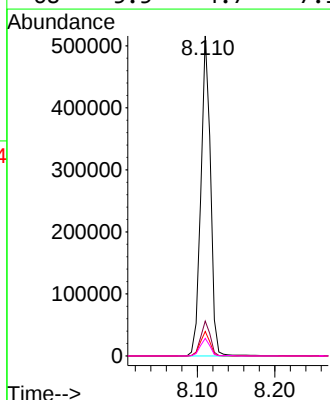
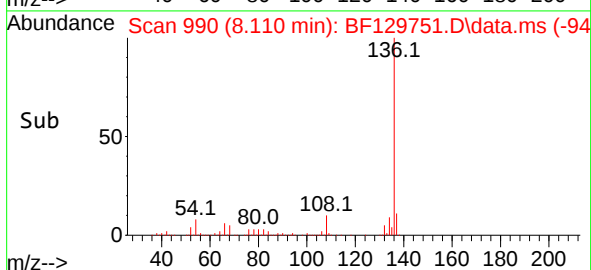
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022

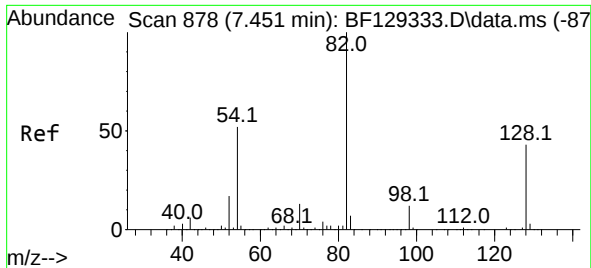


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52



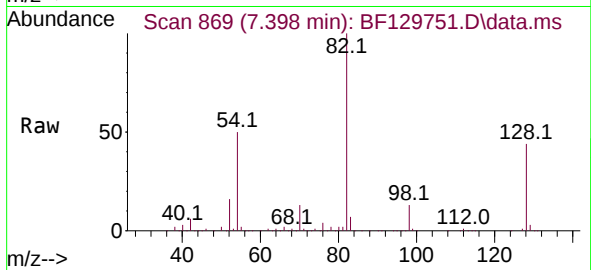
Tgt Ion:136 Resp: 444778
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 7.5 11.3
68 5.5 4.7 7.1





#23
Nitrobenzene-d5
Concen: 107.141 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

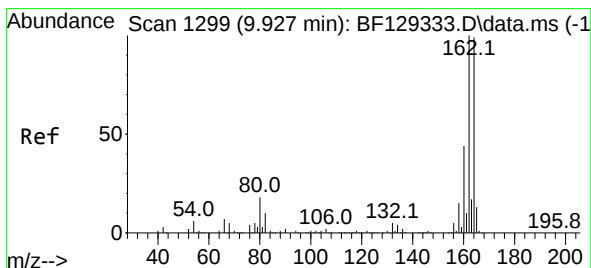
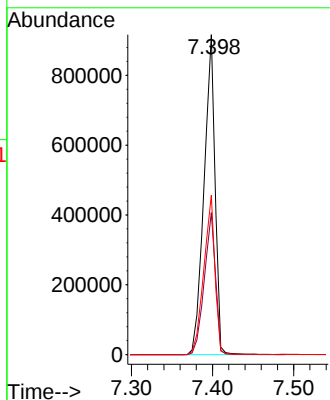
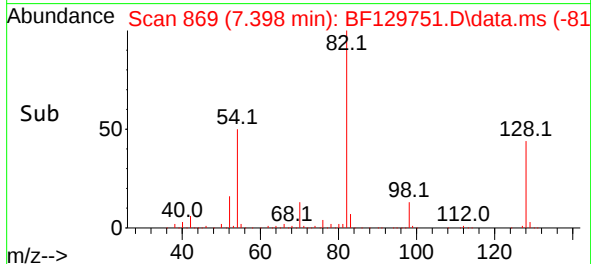
Instrument :
BNA_F
ClientSampleId :
RO-7211930



Tgt Ion: 82 Resp: 872963
Ion Ratio Lower Upper
82 100
128 44.4 34.0 51.0
54 49.8 46.9 70.3

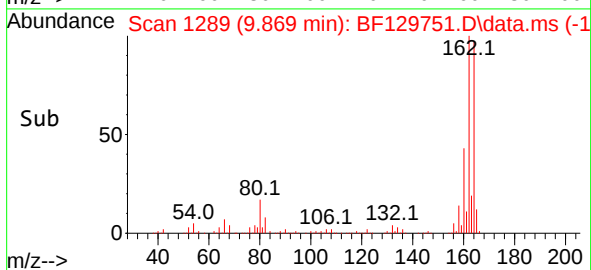
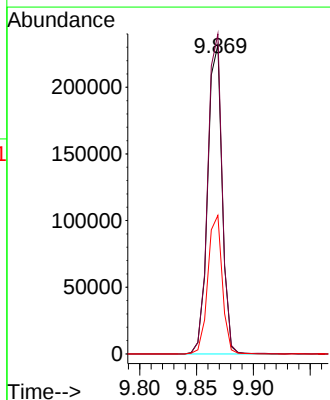
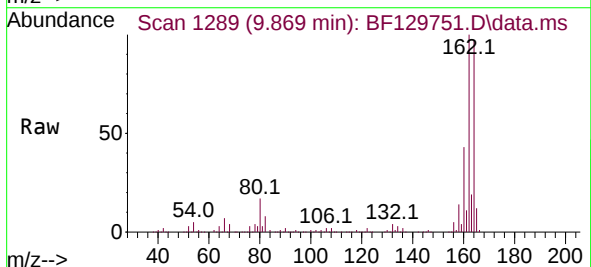
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion:164 Resp: 205517
Ion Ratio Lower Upper
164 100
162 103.6 79.5 119.3
160 44.8 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 144.511 ng
RT: 10.663 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Instrument :

BNA_F

ClientSampleId :

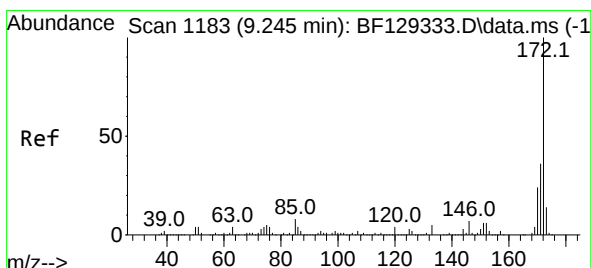
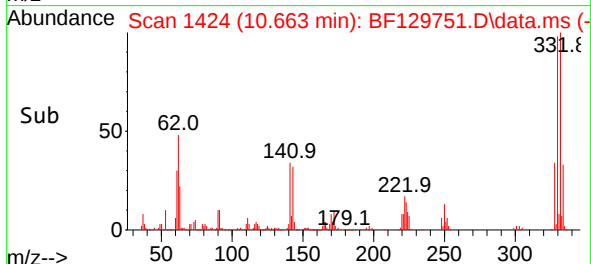
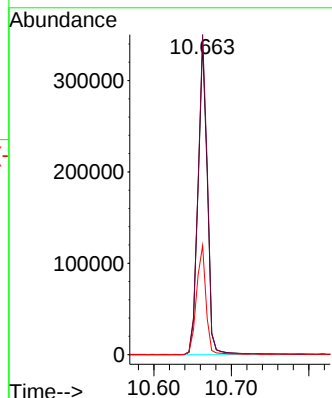
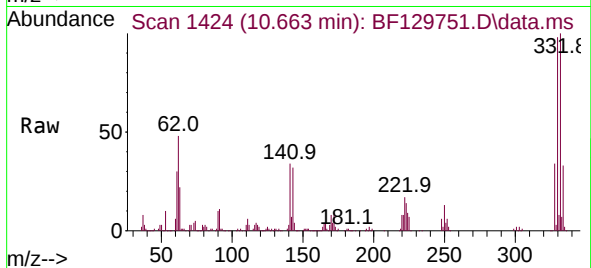
RO-7211930

Tgt Ion:330 Resp: 285539
Ion Ratio Lower Upper
330 100
332 103.5 76.8 115.2
141 35.3 28.0 42.0

Manual Integrations

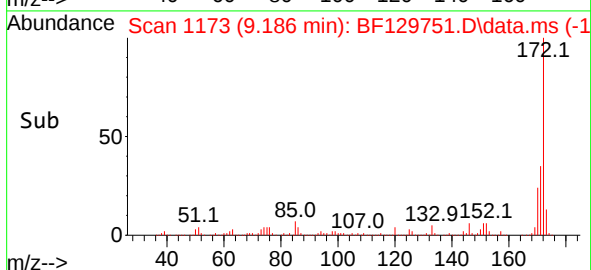
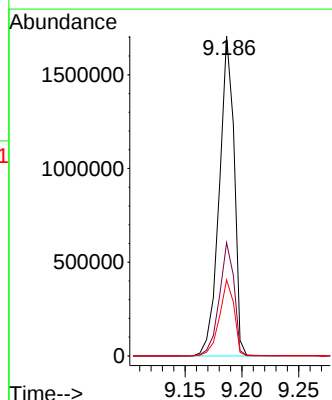
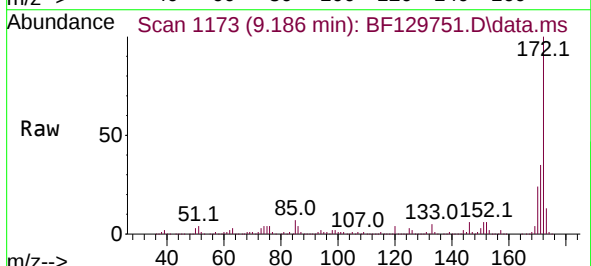
APPROVED

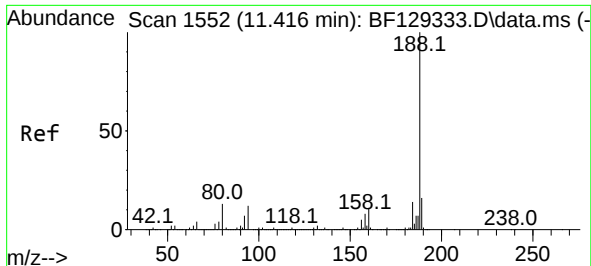
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#45
2-Fluorobiphenyl
Concen: 116.669 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion:172 Resp: 1549980
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.8 19.8 29.8





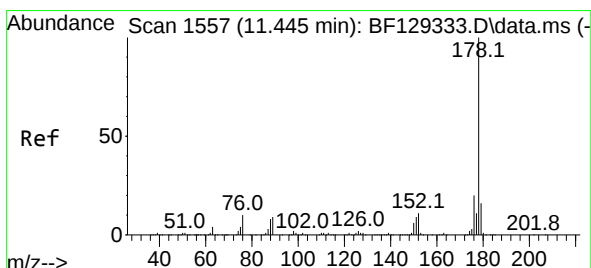
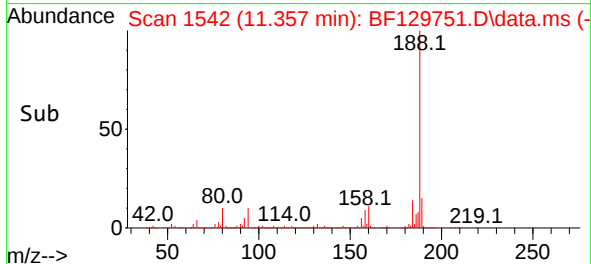
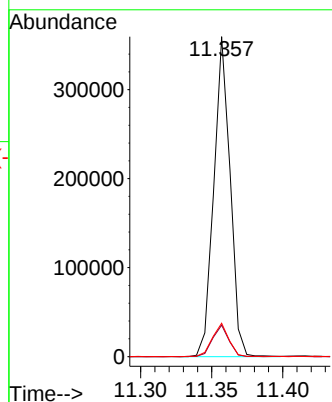
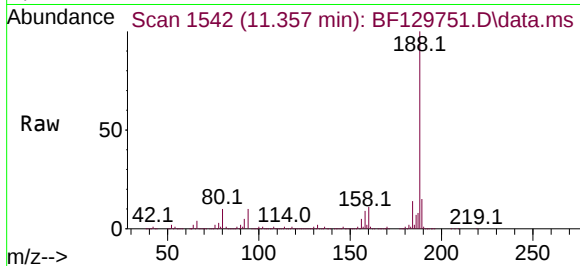
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Instrument :
BNA_F
ClientSampleId :
RO-7211930

Tgt Ion:188 Resp: 287513
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.4 7.6 11.4

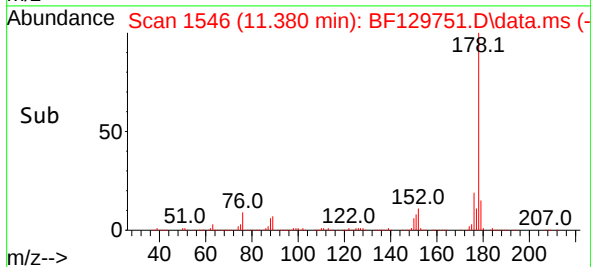
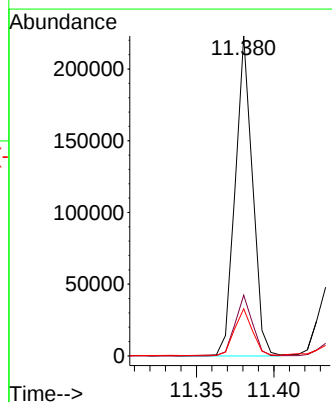
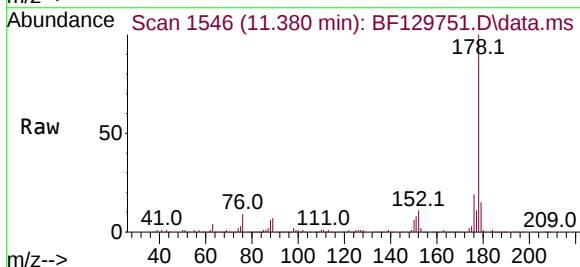
Manual Integrations
APPROVED

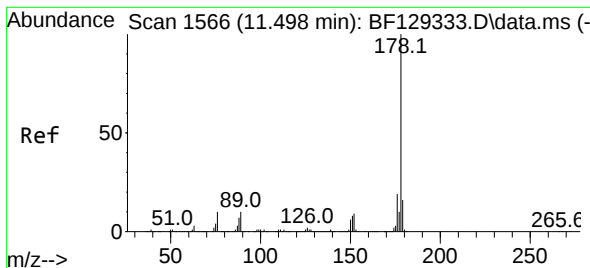
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#71
Phenanthrene
Concen: 11.059 ng
RT: 11.380 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion:178 Resp: 173562
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 14.7 12.6 19.0





#72

Anthracene

Concen: 2.570 ng

RT: 11.433 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129751.D

Acq: 12 Aug 2022 18:52

Instrument :

BNA_F

ClientSampleId :

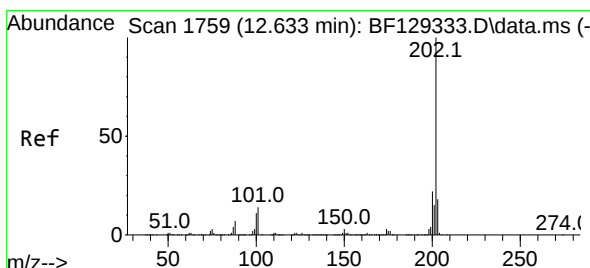
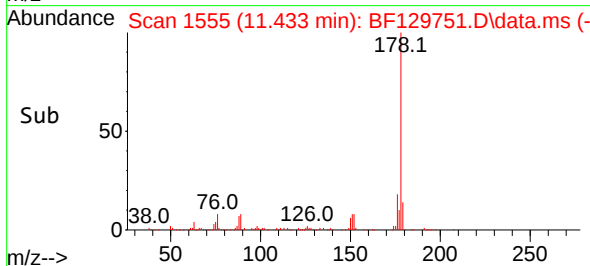
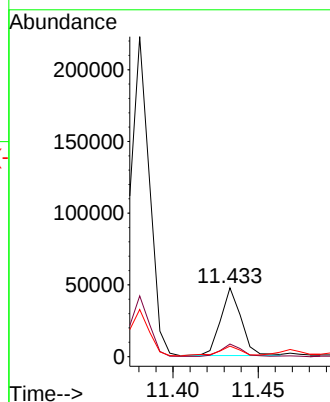
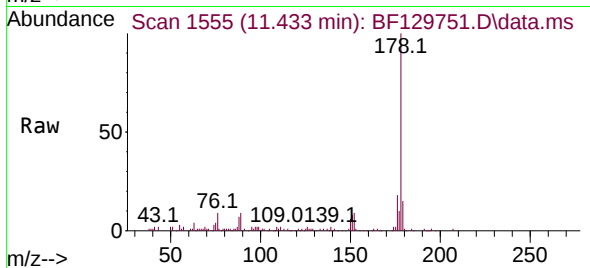
RO-7211930

Tgt Ion:178	Resp:	39633
Ion Ratio	Lower	Upper
178	100	
176	18.2	15.4 23.2
179	15.3	12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#75

Fluoranthene

Concen: 18.720 ng

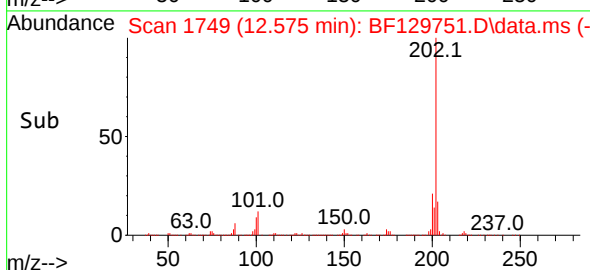
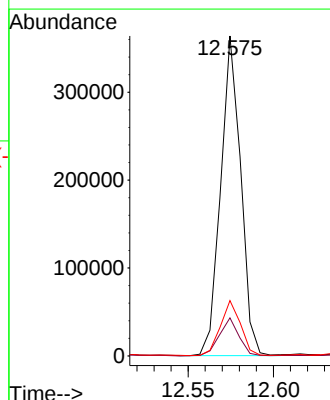
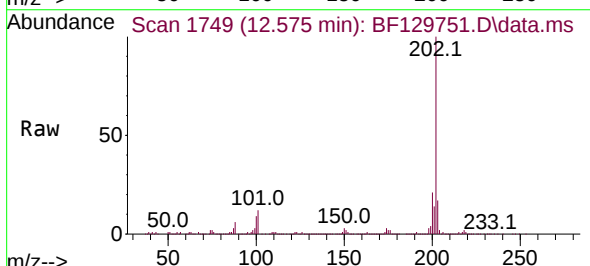
RT: 12.575 min Scan# 1749

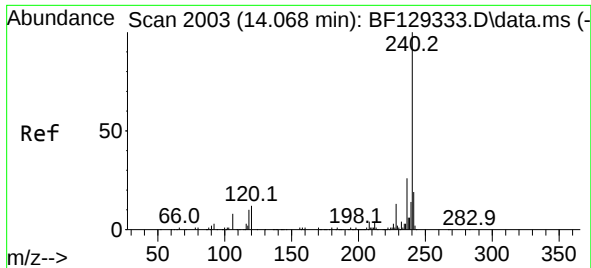
Delta R.T. -0.006 min

Lab File: BF129751.D

Acq: 12 Aug 2022 18:52

Tgt Ion:202	Resp:	297687
Ion Ratio	Lower	Upper
202	100	
101	11.9	0.0 31.4
203	17.3	0.0 38.0





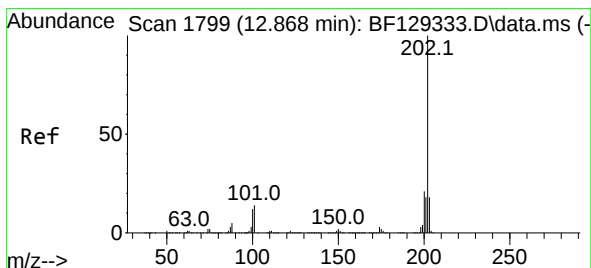
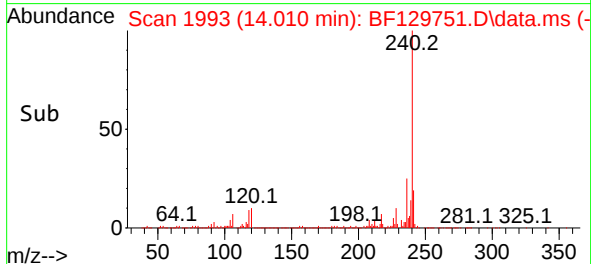
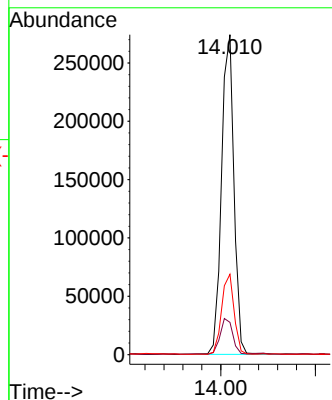
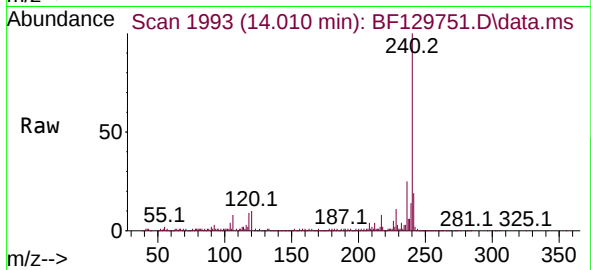
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Instrument :
BNA_F
ClientSampleId :
RO-7211930

Tgt Ion:240 Resp: 248862
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.1 20.8 31.2

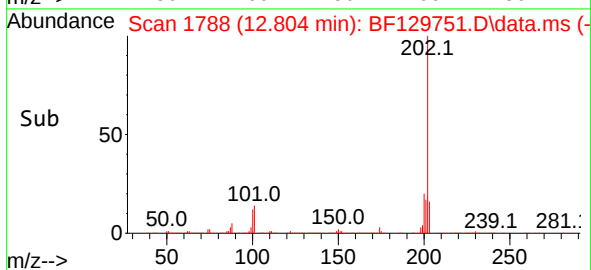
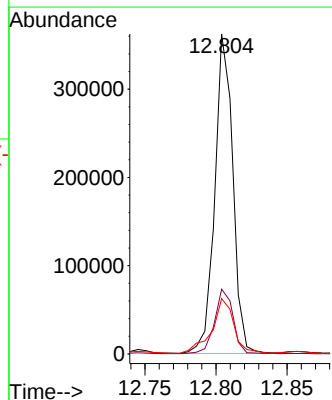
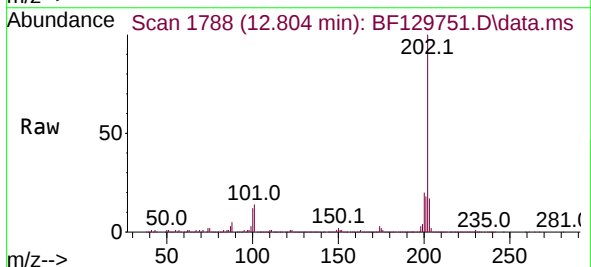
Manual Integrations
APPROVED

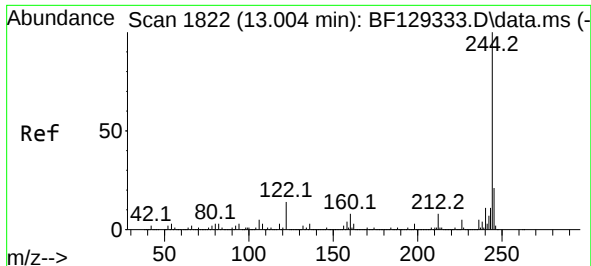
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#78
Pyrene
Concen: 15.378 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

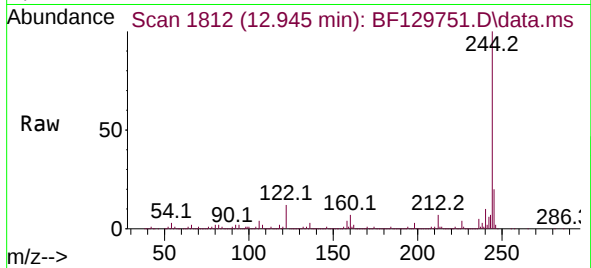
Tgt Ion:202 Resp: 320028
Ion Ratio Lower Upper
202 100
200 20.2 17.7 26.5
203 17.3 14.6 21.8





#79
Terphenyl-d14
Concen: 98.154 ng
RT: 12.945 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

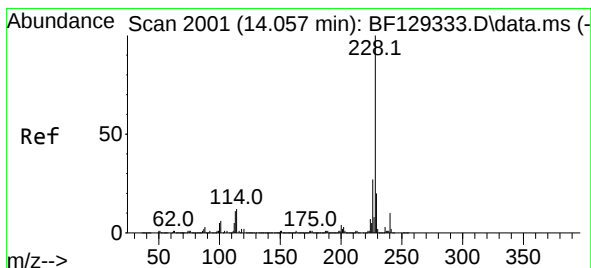
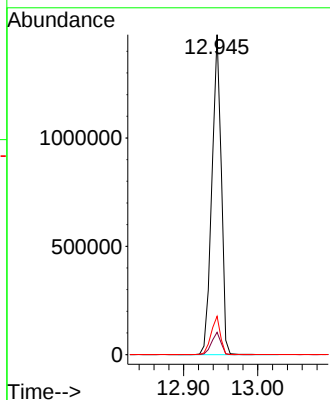
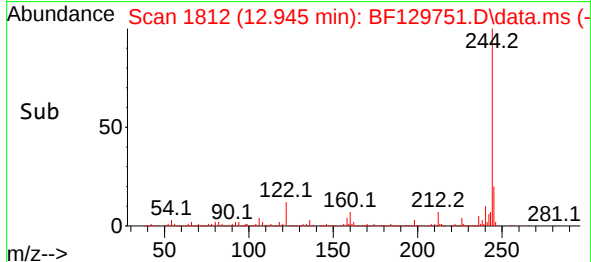
Instrument :
BNA_F
ClientSampleId :
RO-7211930



Tgt Ion:244 Resp: 1294797
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 12.0 8.8 13.2

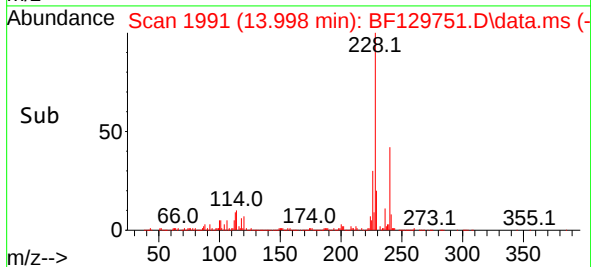
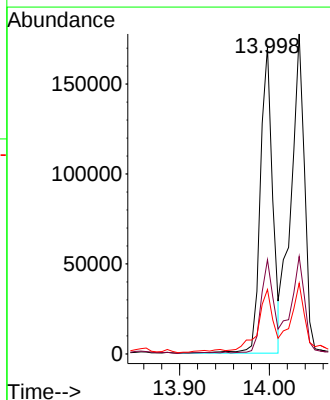
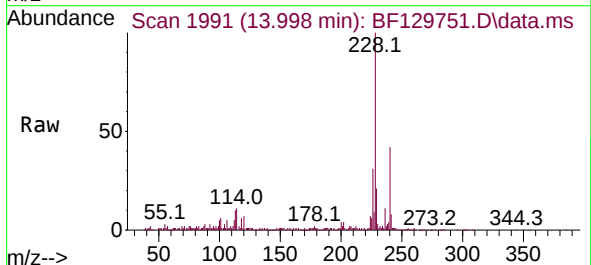
Manual Integrations
APPROVED

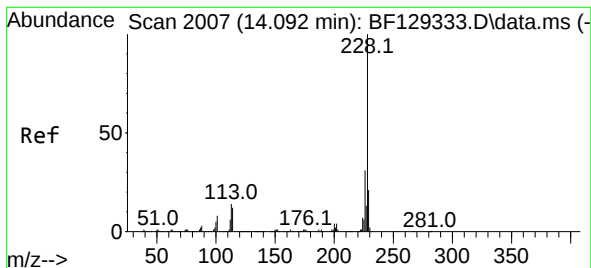
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#81
Benzo(a)anthracene
Concen: 9.545 ng
RT: 13.998 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion:228 Resp: 162263
Ion Ratio Lower Upper
228 100
226 30.6 22.1 33.1
229 21.0 15.8 23.8





#83

Chrysene

Concen: 11.579 ng

RT: 14.033 min Scan# 19

Delta R.T. -0.006 min

Lab File: BF129751.D

Acq: 12 Aug 2022 18:52

Instrument :

BNA_F

ClientSampleId :

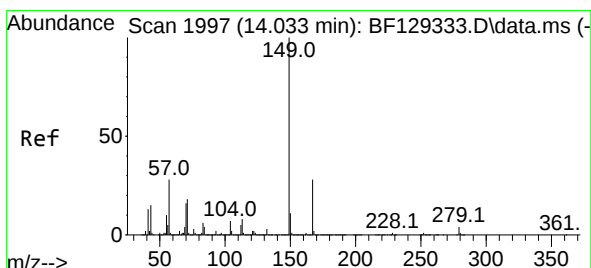
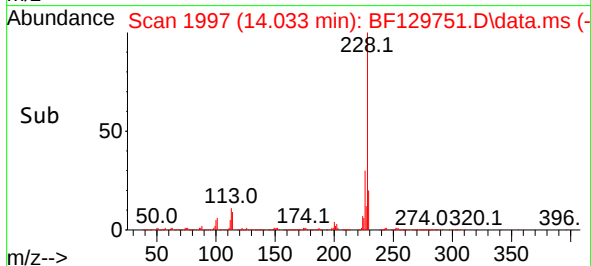
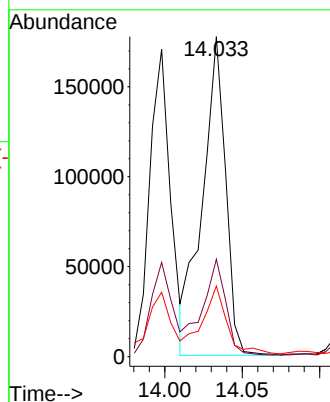
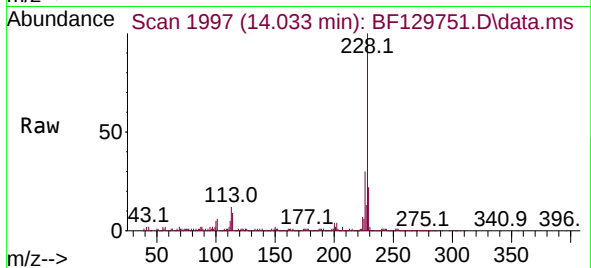
RO-7211930

Tgt Ion:	228	Resp:	185520
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.3	36.5
229	22.1	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.690 ng

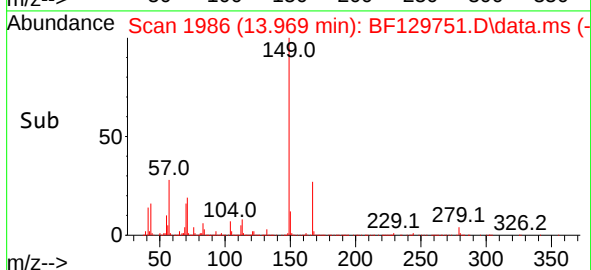
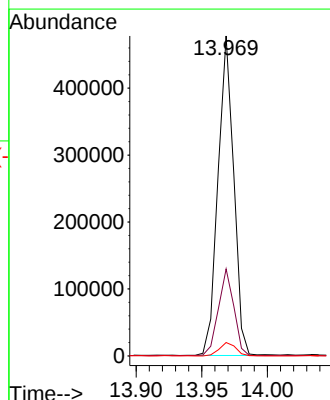
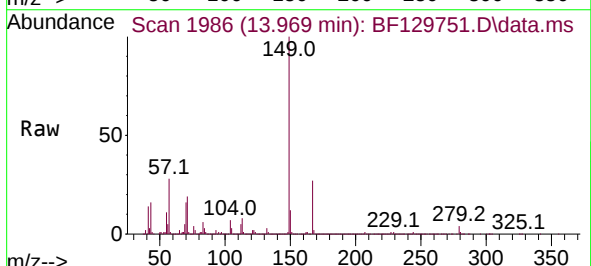
RT: 13.969 min Scan# 1986

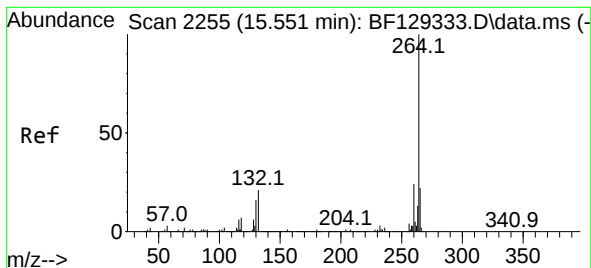
Delta R.T. 0.000 min

Lab File: BF129751.D

Acq: 12 Aug 2022 18:52

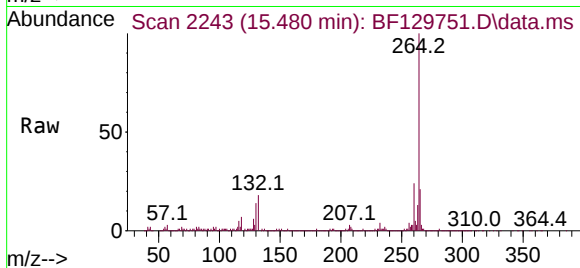
Tgt Ion:	149	Resp:	400370
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.0	31.4
279	4.2	3.1	4.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

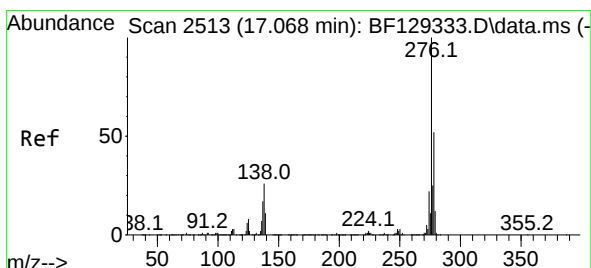
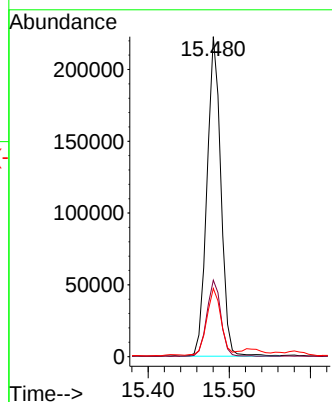
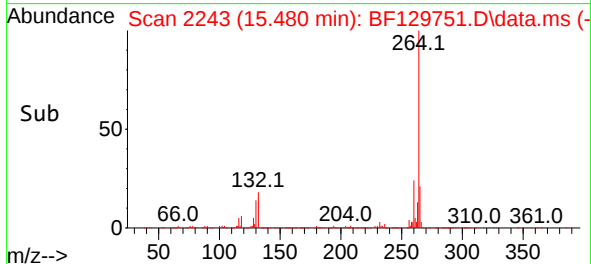
Instrument :
BNA_F
ClientSampleId :
RO-7211930



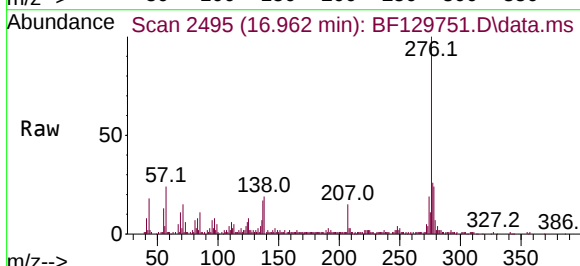
Tgt Ion:264 Resp: 265263
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.3 17.2 25.8

Manual Integrations
APPROVED

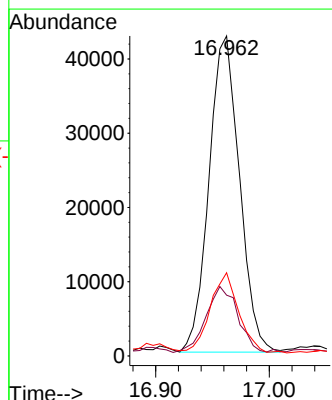
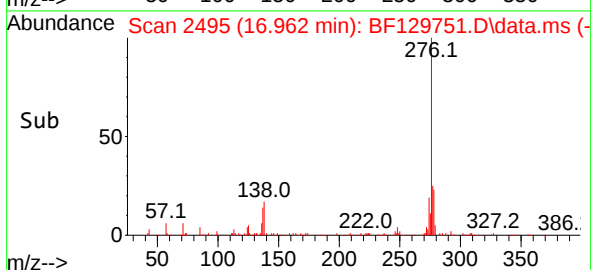
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022

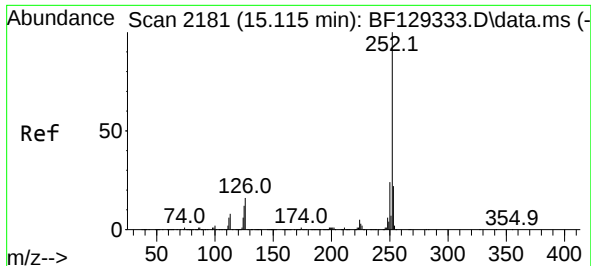


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.454 ng
RT: 16.962 min Scan# 2495
Delta R.T. -0.012 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52



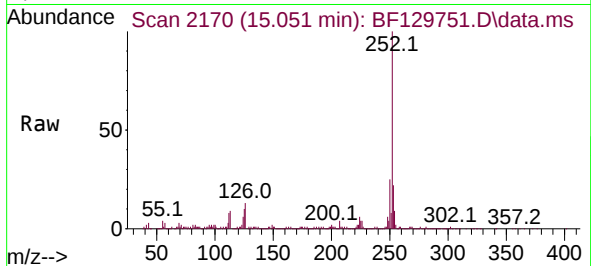
Tgt Ion:276 Resp: 79554
Ion Ratio Lower Upper
276 100
138 21.7 21.1 31.7
277 24.2 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 13.584 ng m
RT: 15.051 min Scan# 2170
Delta R.T. 0.000 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

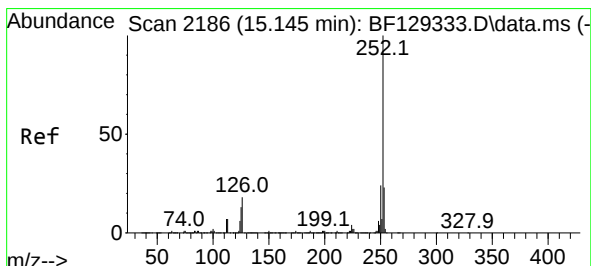
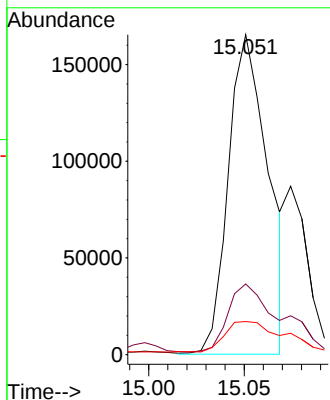
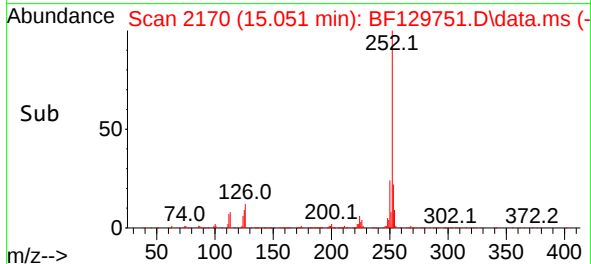
Instrument :
BNA_F
ClientSampleId :
RO-7211930



Tgt Ion:252 Resp: 239010
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.3 8.0 12.0

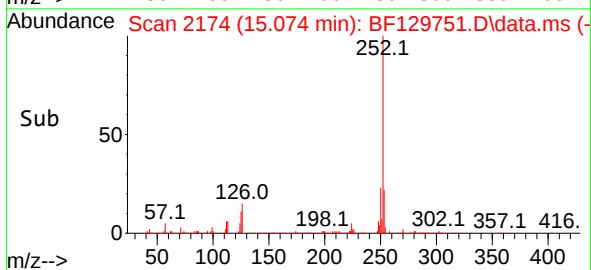
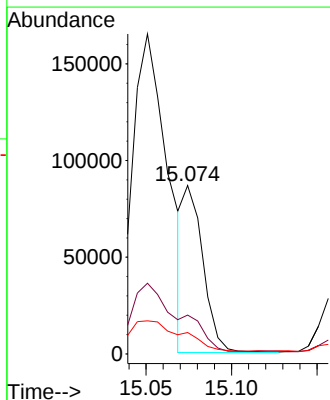
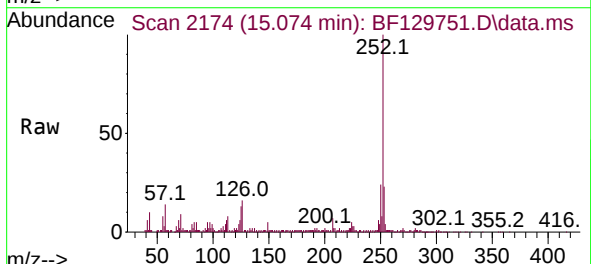
Manual Integrations
APPROVED

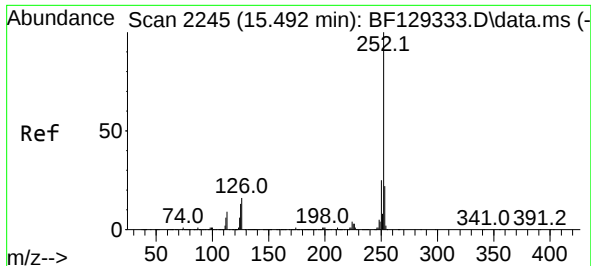
Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#89
Benzo(k)fluoranthene
Concen: 4.033 ng m
RT: 15.074 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

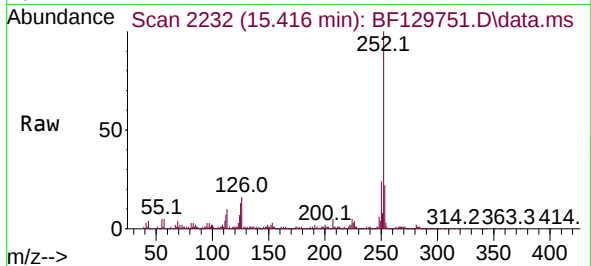
Tgt Ion:252 Resp: 69538
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 12.6 8.3 12.5#





#90
Benzo(a)pyrene
Concen: 10.151 ng
RT: 15.416 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

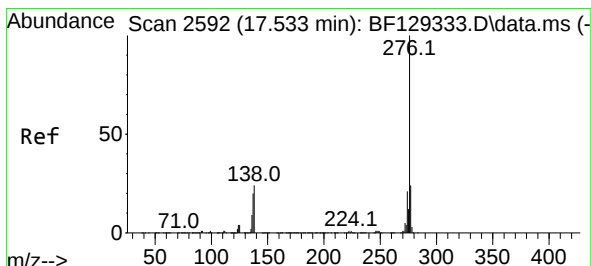
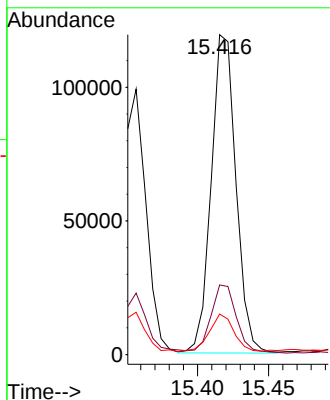
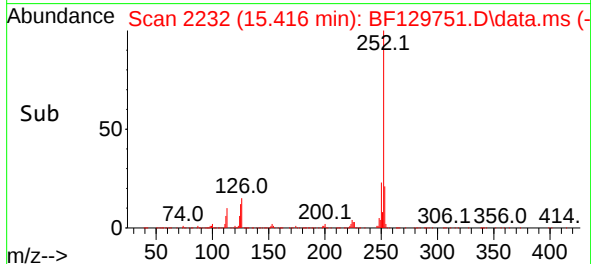
Instrument :
BNA_F
ClientSampleId :
RO-7211930



Tgt Ion:252 Resp: 144994
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022



#92
Benzo(g,h,i)perylene
Concen: 5.056 ng
RT: 17.409 min Scan# 2571
Delta R.T. -0.012 min
Lab File: BF129751.D
Acq: 12 Aug 2022 18:52

Tgt Ion:276 Resp: 75115
Ion Ratio Lower Upper
276 100
277 25.1 19.1 28.7
138 22.4 18.0 27.0

