

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128723.D
 Acq On : 07 Jun 2022 18:46
 Operator : CG\JU
 Sample : N3201-03DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 21500DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/08/2022
 Supervised By : Jagrut Upadhyay 06/08/2022

Quant Time: Jun 08 00:27:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	77803	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	275021	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	140899	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	211941	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	174901	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	190525	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	35617	7.292	ng	0.00
7) Phenol-d6	6.498	99	42506	7.129	ng	0.00
23) Nitrobenzene-d5	7.381	82	30102	5.096	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	8221	4.938	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	42921	4.267	ng	-0.01
79) Terphenyl-d14	12.933	244	44457	4.417	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.822	142	38657	4.306	ng	100
38) 1-Methylnaphthalene	8.922	142	19922	2.297	ng	93
52) Acenaphthene	9.892	154	50202	6.242	ng	96
55) Dibenzofuran	10.069	168	65006	5.624	ng	95
58) Fluorene	10.410	166	86230	9.620	ng	99
71) Phenanthrene	11.375	178	313488	29.489	ng	99
72) Anthracene	11.428	178	40067	3.808	ng	98
75) Fluoranthene	12.563	202	221898	19.969	ng	96
78) Pyrene	12.792	202	147541	11.338	ng	99
81) Benzo(a)anthracene	13.986	228	43057	3.949	ng	96
83) Chrysene	14.022	228	48142	4.632	ng	99
88) Benzo(b)fluoranthene	15.033	252	31791m	2.611	ng	

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

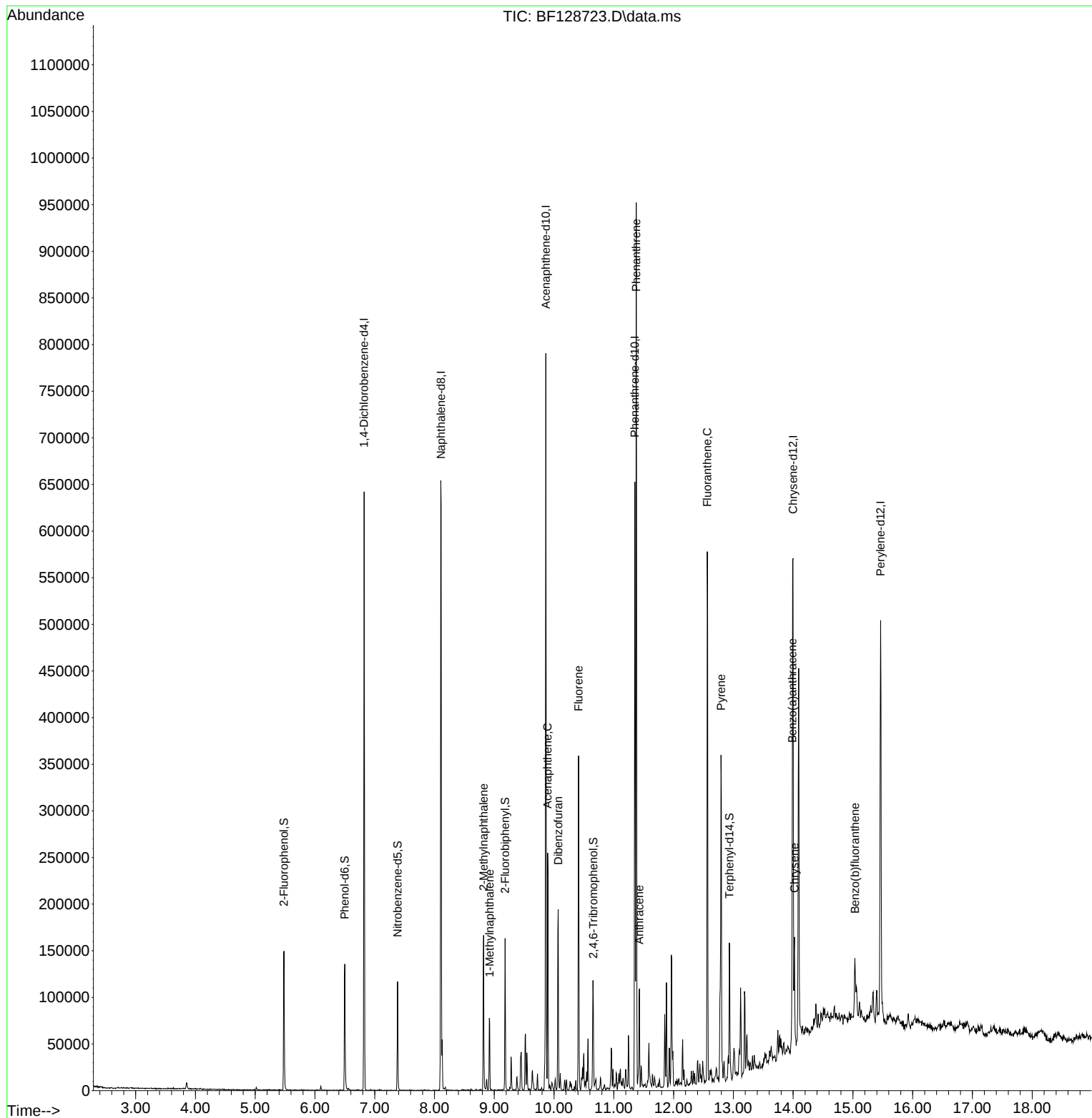
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128723.D
Acq On : 07 Jun 2022 18:46
Operator : CG\JU
Sample : N3201-03DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

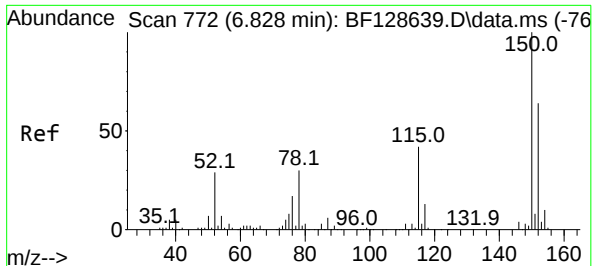
Instrument :
BNA_F
ClientSampleId :
21500DL

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 06/08/2022
Supervised By : Jagrut Upadhyay 06/08/2022

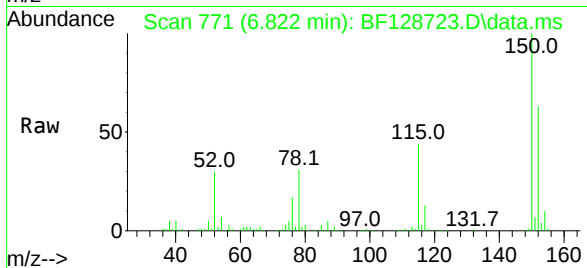
Quant Time: Jun 08 00:27:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

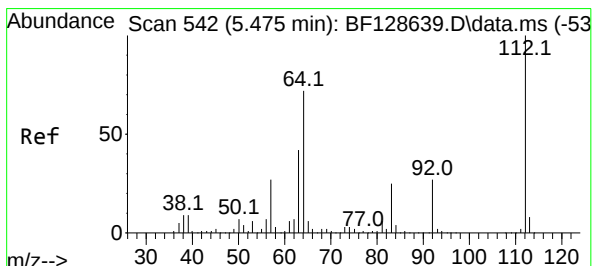
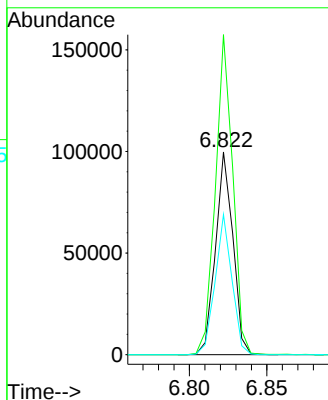
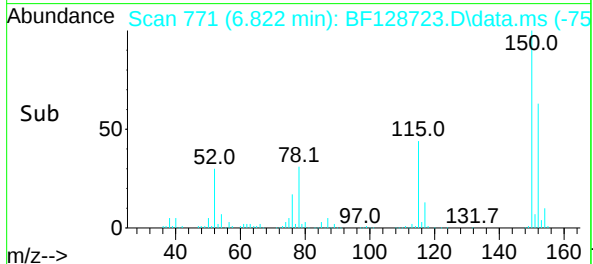
Instrument :
BNA_F
ClientSampleId :
21500DL



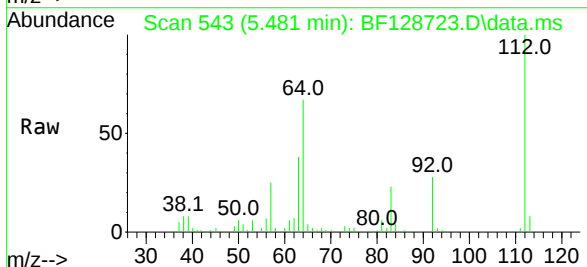
Tgt Ion:152 Resp: 7780
Ion Ratio Lower Upper
152 100
150 157.9 123.7 185.5
115 69.2 49.9 74.9

Manual Integrations
APPROVED

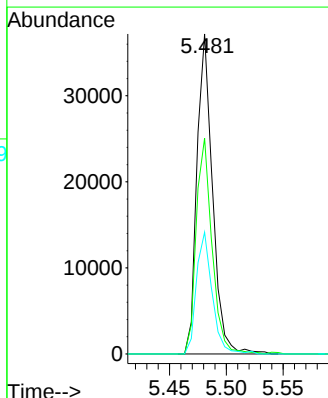
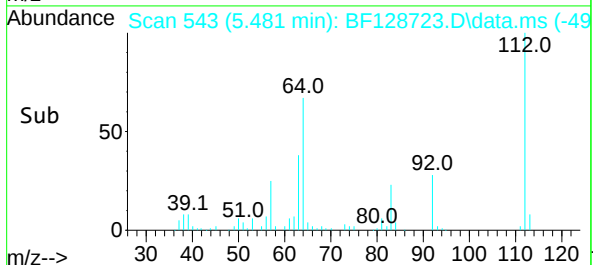
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

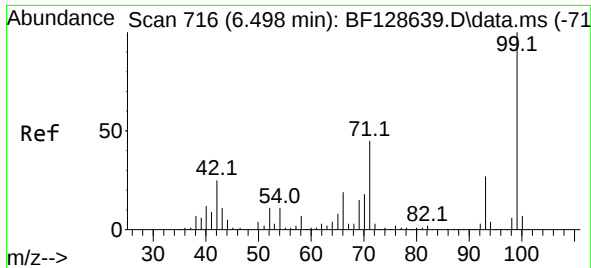


#5
2-Fluorophenol
Concen: 7.292 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.006 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46



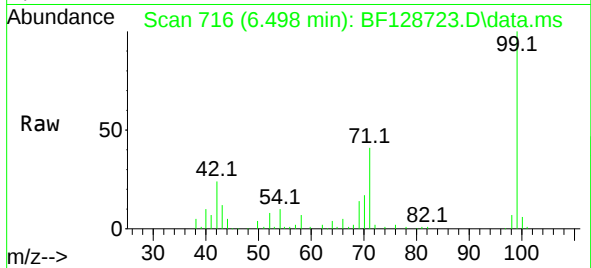
Tgt Ion:112 Resp: 35617
Ion Ratio Lower Upper
112 100
64 67.4 53.3 79.9
63 38.0 28.0 42.0





#7
Phenol-d6
Concen: 7.129 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

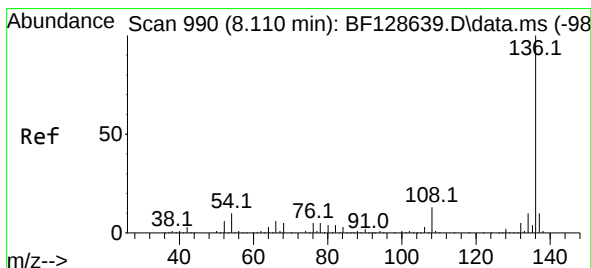
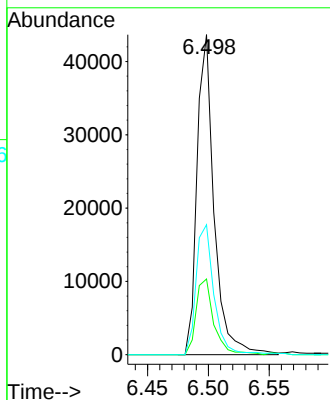
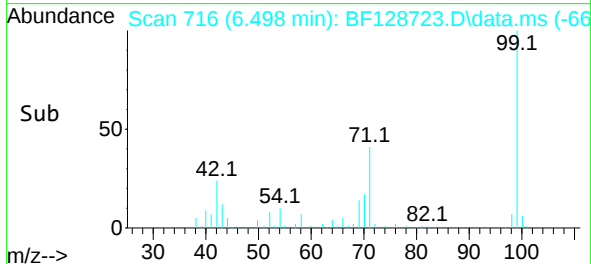
Instrument :
BNA_F
ClientSampleId :
21500DL



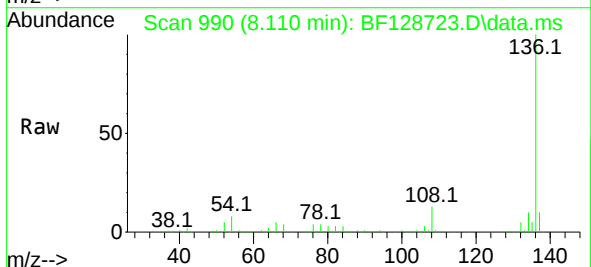
Tgt Ion: 99 Resp: 42500
Ion Ratio Lower Upper
99 100
42 23.6 17.3 25.9
71 40.6 28.9 43.3

Manual Integrations
APPROVED

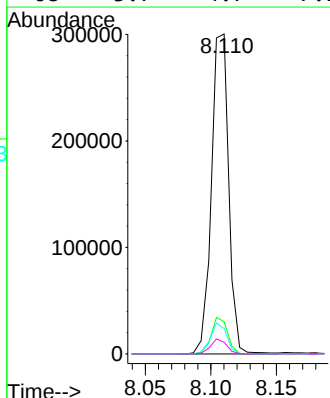
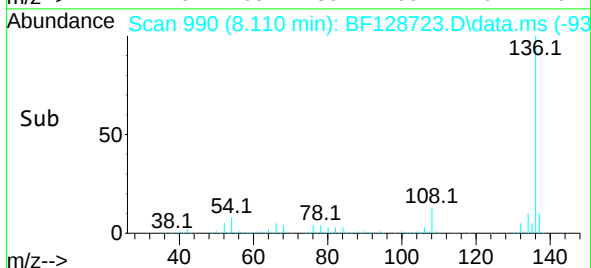
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

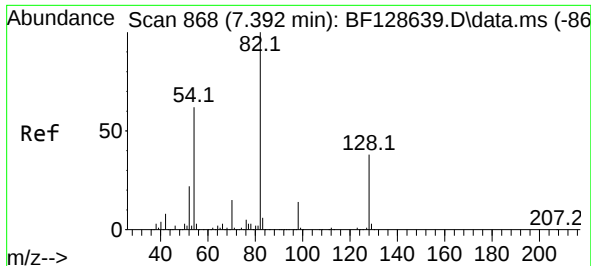


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46



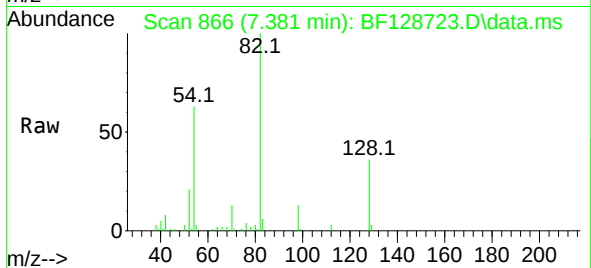
Tgt Ion:136 Resp: 275021
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 8.0 7.5 11.3
68 3.7 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 5.096 ng
RT: 7.381 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

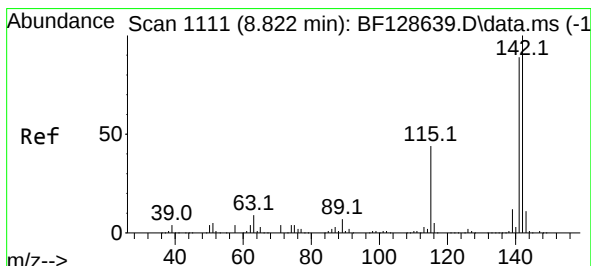
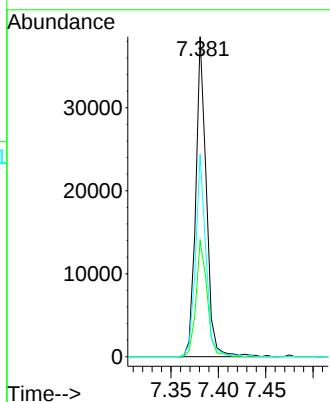
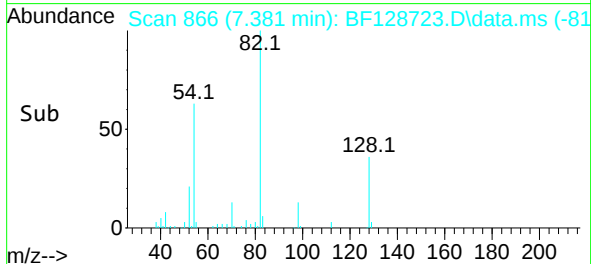
Instrument :
BNA_F
ClientSampleId :
21500DL



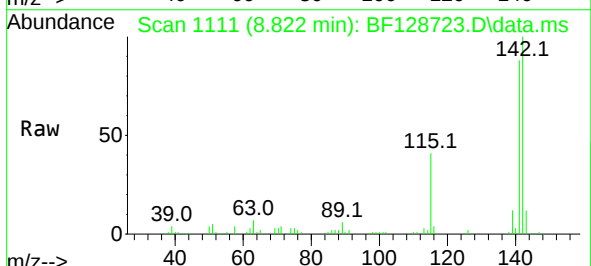
Tgt Ion: 82 Resp: 3010
Ion Ratio Lower Upper
82 100
128 36.3 34.0 51.0
54 63.3 46.9 70.3

Manual Integrations
APPROVED

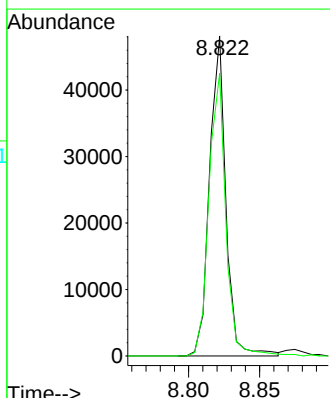
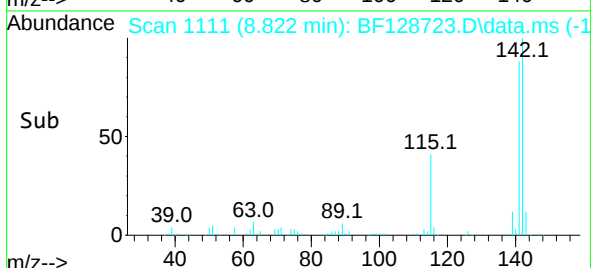
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

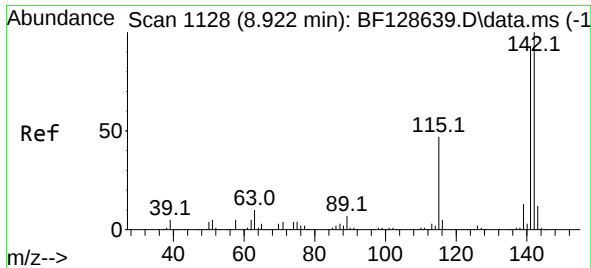


#37
2-Methylnaphthalene
Concen: 4.306 ng
RT: 8.822 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46



Tgt Ion:142 Resp: 38657
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.4





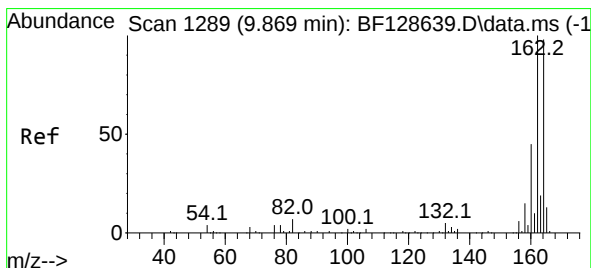
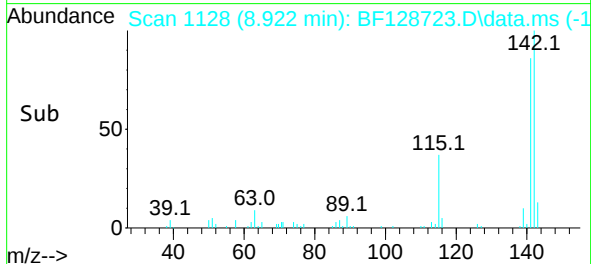
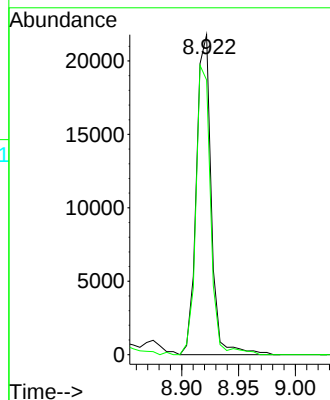
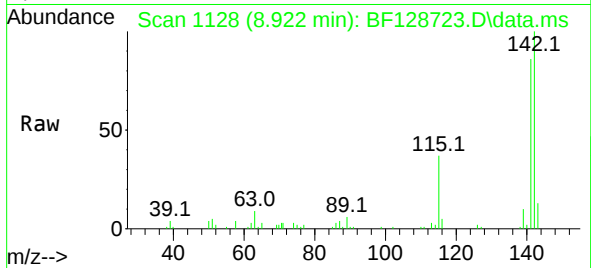
#38
1-Methylnaphthalene
Concen: 2.297 ng
RT: 8.922 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

Instrument :
BNA_F
ClientSampleId :
21500DL

Tgt Ion:142 Resp: 1992
Ion Ratio Lower Upper
142 100
141 85.9 74.2 111.4

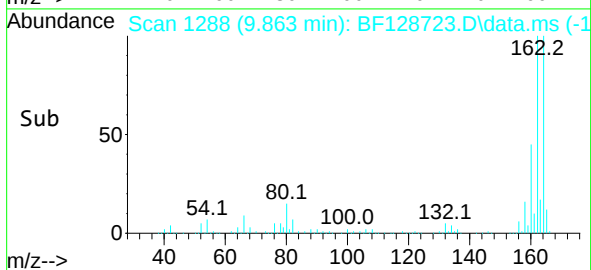
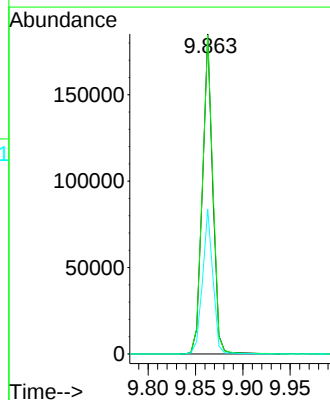
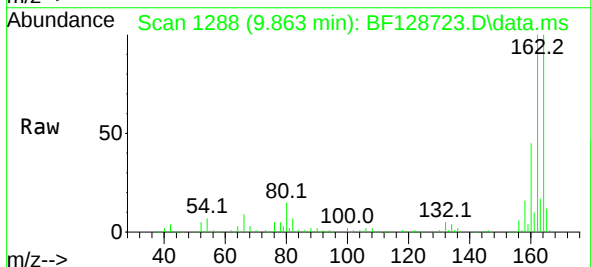
Manual Integrations
APPROVED

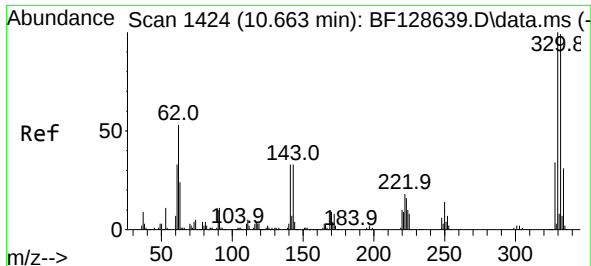
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

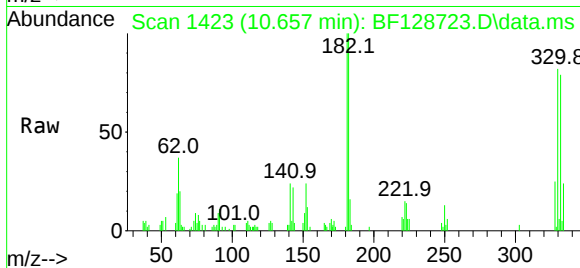
Tgt Ion:164 Resp: 140899
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 45.3 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 4.938 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

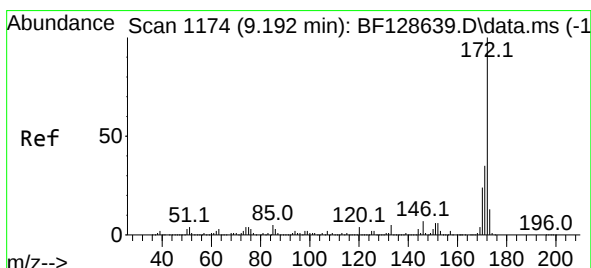
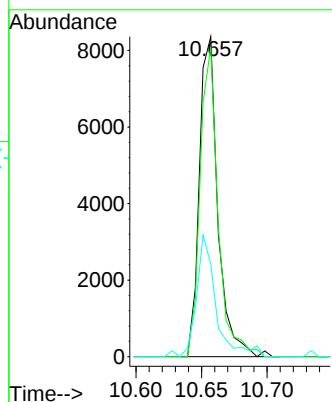
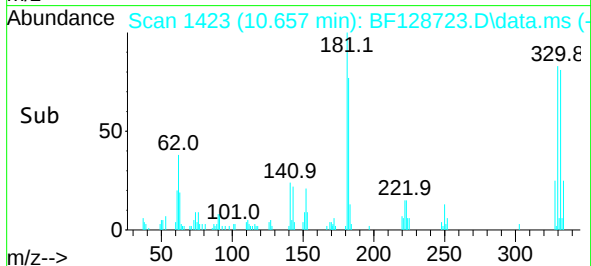
Instrument :
BNA_F
ClientSampleId :
21500DL



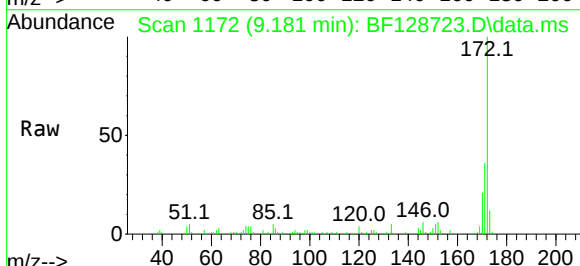
Tgt Ion: 330 Resp: 822
Ion Ratio Lower Upper
330 100
332 93.9 76.8 115.2
141 40.1 28.0 42.0

Manual Integrations
APPROVED

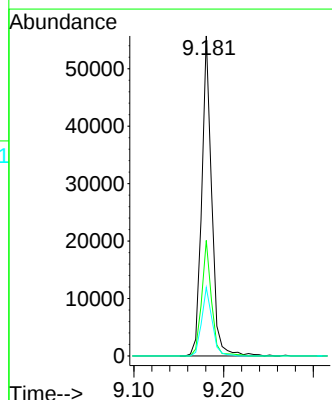
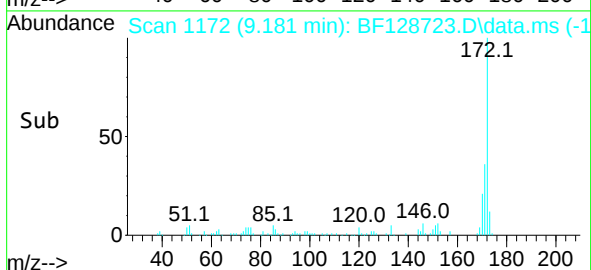
Reviewed By : Christian Giraldo 06/08/2022
Supervised By : Jagrut Upadhyay 06/08/2022

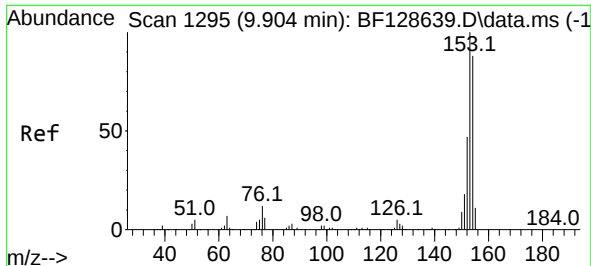


#45
2-Fluorobiphenyl
Concen: 4.267 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46



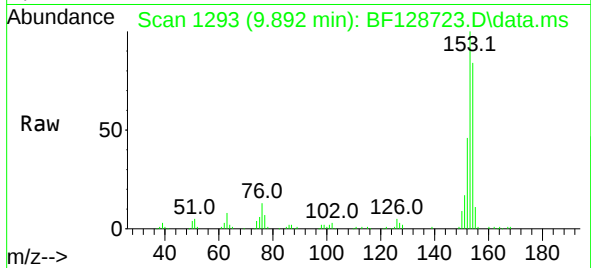
Tgt Ion: 172 Resp: 42921
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 21.4 19.8 29.8





#52
Acenaphthene
Concen: 6.242 ng
RT: 9.892 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

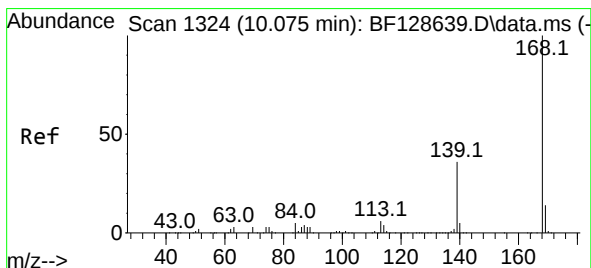
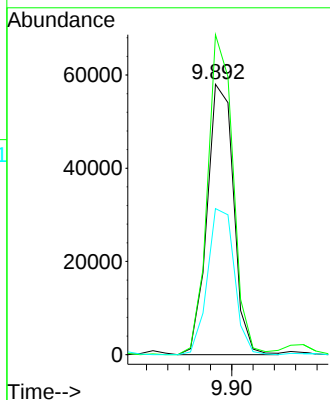
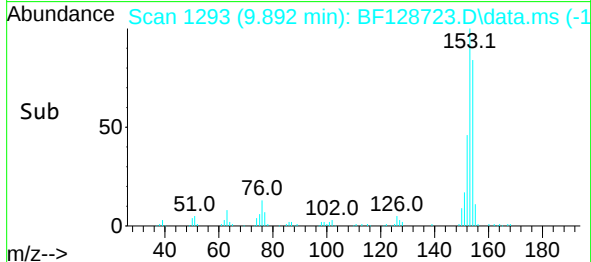
Instrument :
BNA_F
ClientSampleId :
21500DL



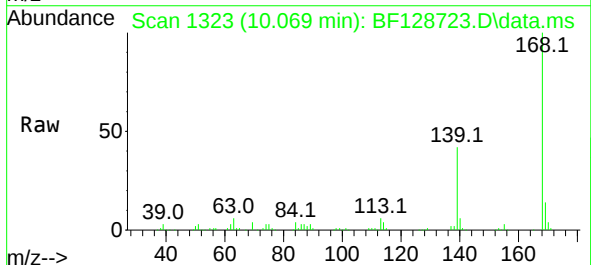
Tgt Ion:154 Resp: 5020
Ion Ratio Lower Upper
154 100
153 118.4 89.6 134.4
152 54.0 42.4 63.6

Manual Integrations
APPROVED

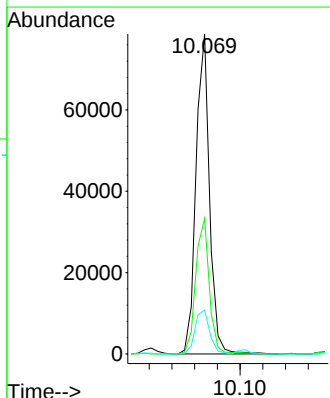
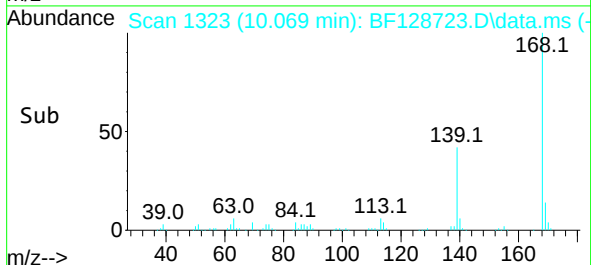
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

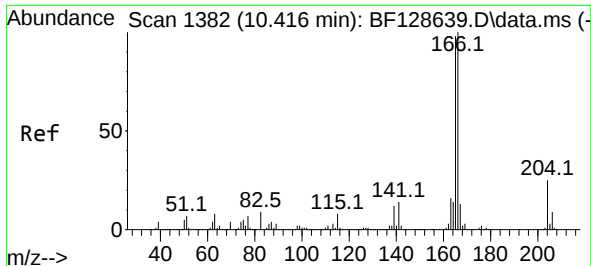


#55
Dibenzofuran
Concen: 5.624 ng
RT: 10.069 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46



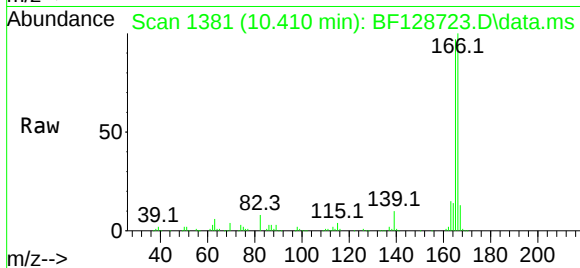
Tgt Ion:168 Resp: 65006
Ion Ratio Lower Upper
168 100
139 42.3 30.6 46.0
169 13.7 11.0 16.6





#58
Fluorene
Concen: 9.620 ng
RT: 10.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

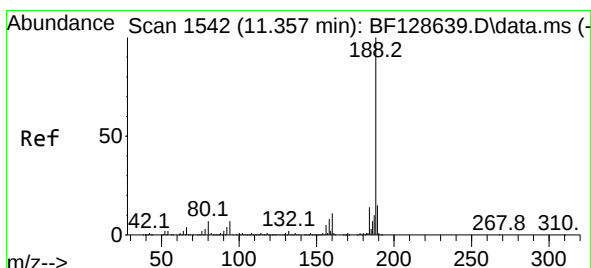
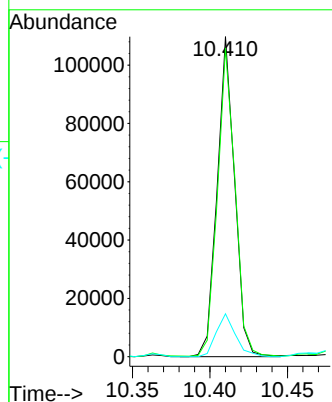
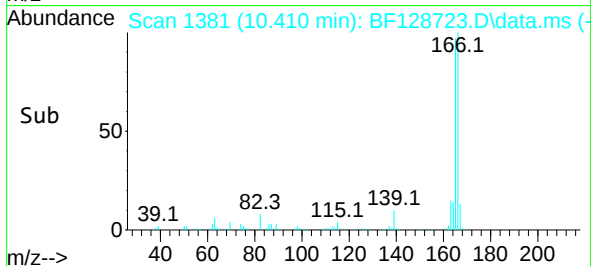
Instrument :
BNA_F
ClientSampleId :
21500DL



Tgt Ion:166 Resp: 86230
Ion Ratio Lower Upper
166 100
165 96.5 78.1 117.1
167 13.4 10.5 15.7

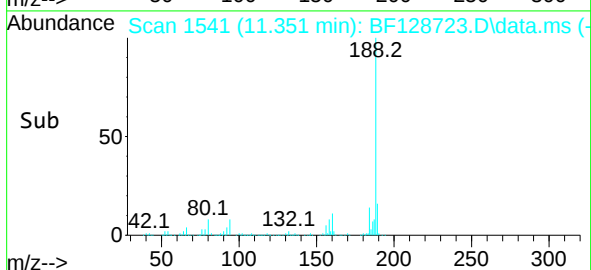
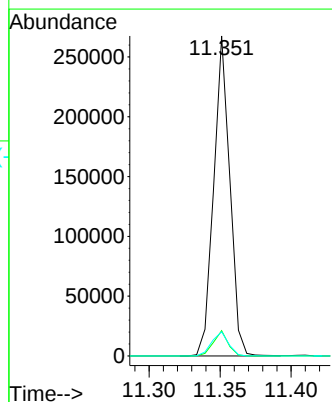
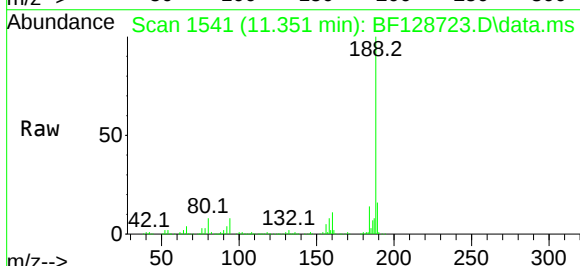
Manual Integrations
APPROVED

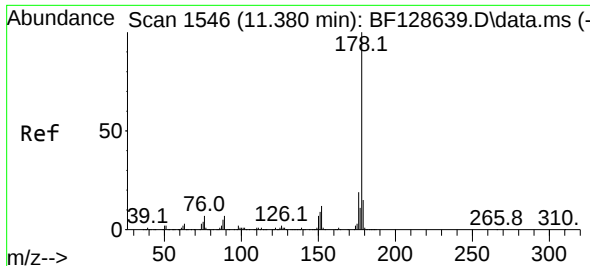
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

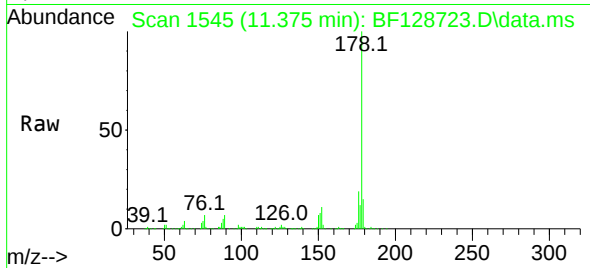
Tgt Ion:188 Resp: 211941
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 7.5 7.6 11.4#





#71
Phenanthrene
Concen: 29.489 ng
RT: 11.375 min Scan# 11348
Delta R.T. -0.006 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

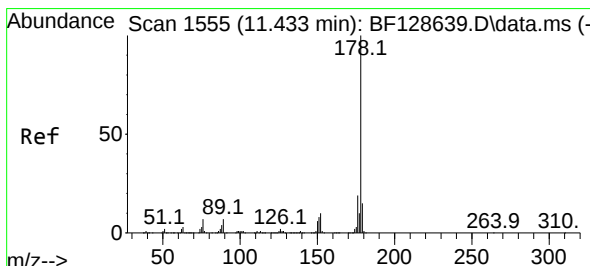
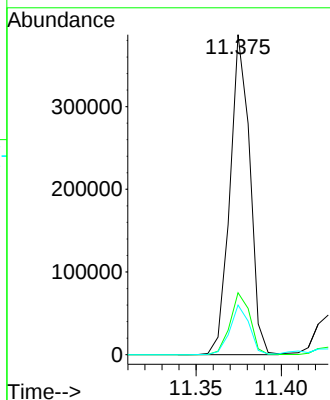
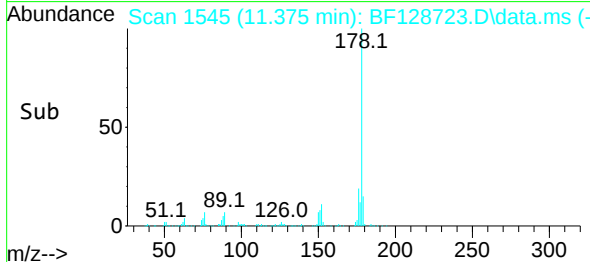
Instrument :
BNA_F
ClientSampleId :
21500DL



Tgt Ion:178 Resp: 31348
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.5 12.6 19.0

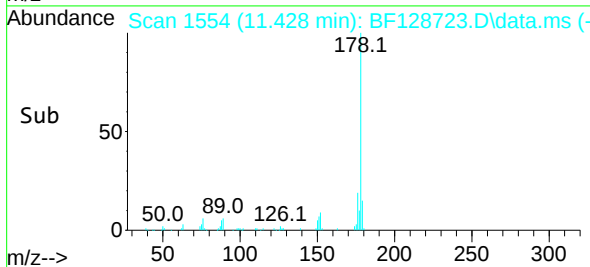
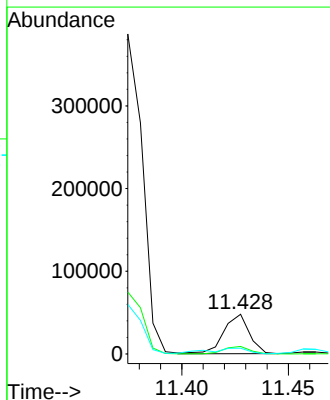
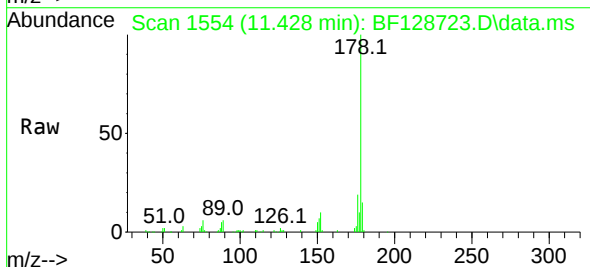
Manual Integrations
APPROVED

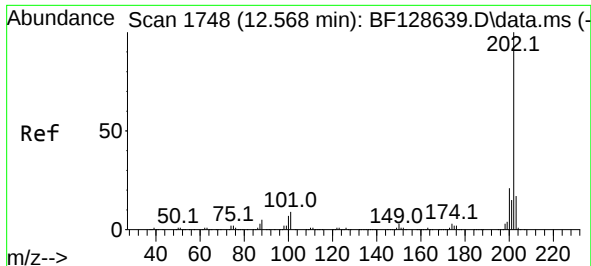
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#72
Anthracene
Concen: 3.808 ng
RT: 11.428 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

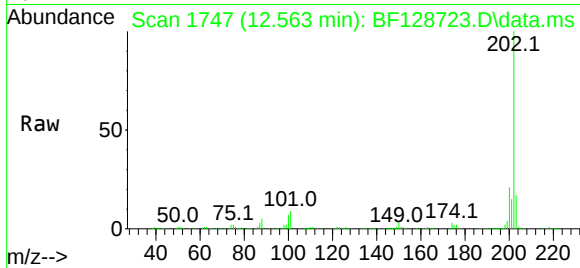
Tgt Ion:178 Resp: 40067
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 14.6 12.6 19.0





#75
Fluoranthene
Concen: 19.969 ng
RT: 12.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

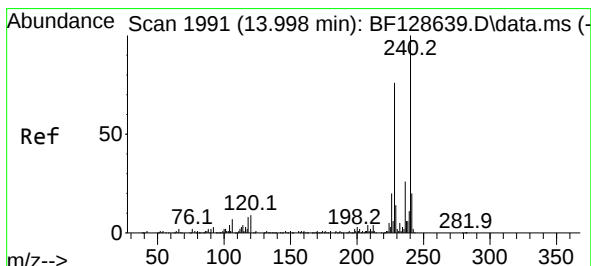
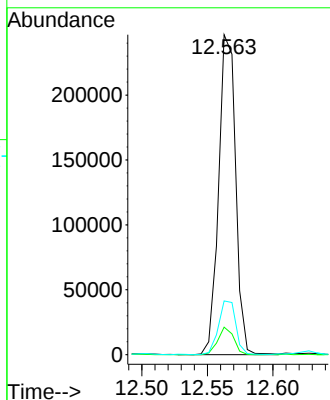
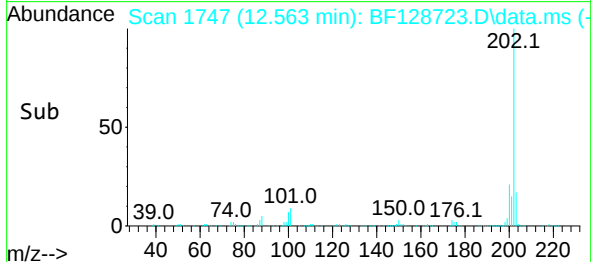
Instrument :
BNA_F
ClientSampleId :
21500DL



Tgt Ion:202 Resp: 221898
Ion Ratio Lower Upper
202 100
101 8.6 0.0 31.4
203 16.8 0.0 38.0

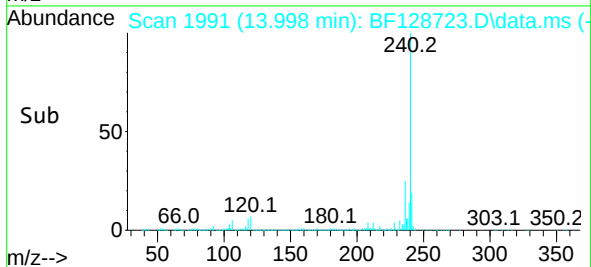
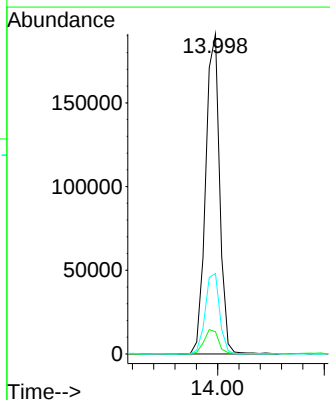
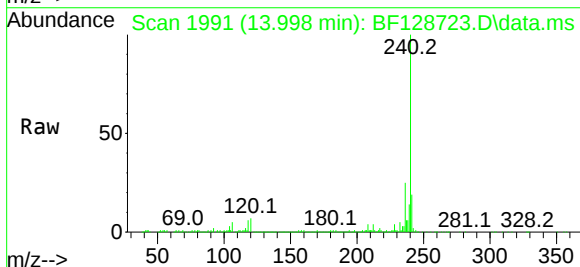
Manual Integrations
APPROVED

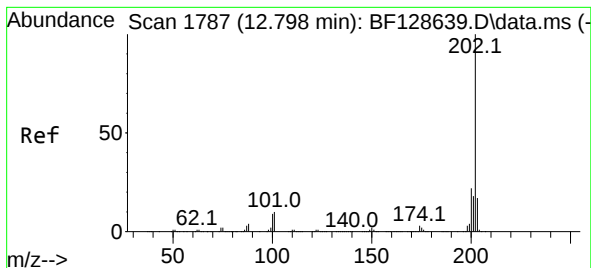
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

Tgt Ion:240 Resp: 174901
Ion Ratio Lower Upper
240 100
120 6.9 8.9 13.3#
236 25.2 20.8 31.2





#78

Pyrene

Concen: 11.338 ng

RT: 12.792 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128723.D

Acq: 07 Jun 2022 18:46

Instrument :

BNA_F

ClientSampleId :

21500DL

Tgt Ion:202 Resp: 14754

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

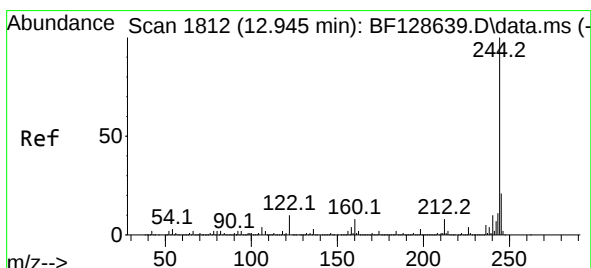
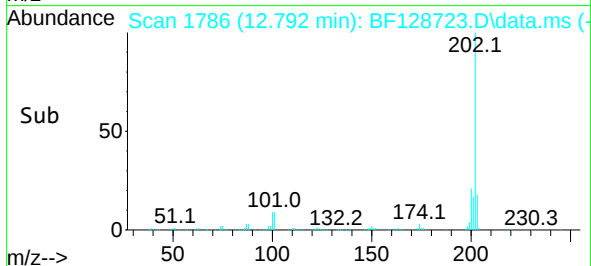
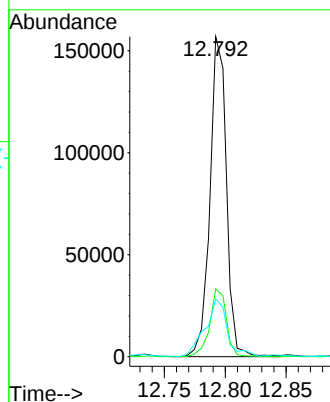
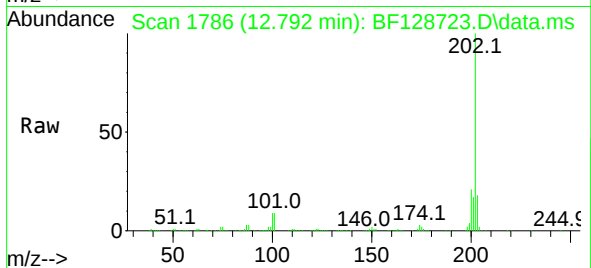
203 18.0 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/08/2022

Supervised By :Jagrut Upadhyay 06/08/2022



#79

Terphenyl-d14

Concen: 4.417 ng

RT: 12.933 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF128723.D

Acq: 07 Jun 2022 18:46

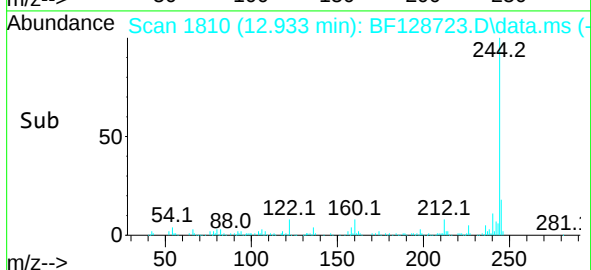
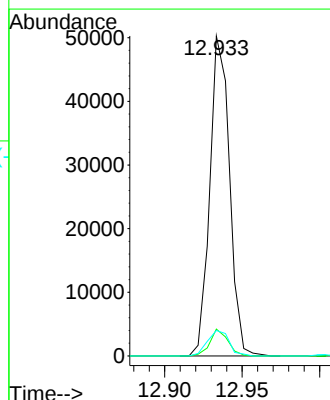
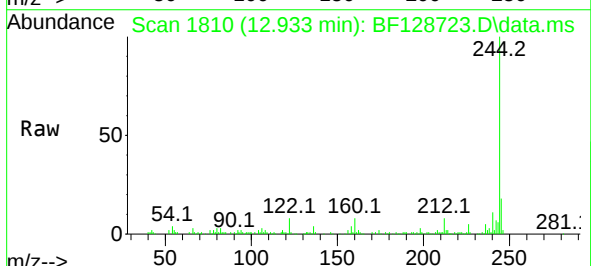
Tgt Ion:244 Resp: 44457

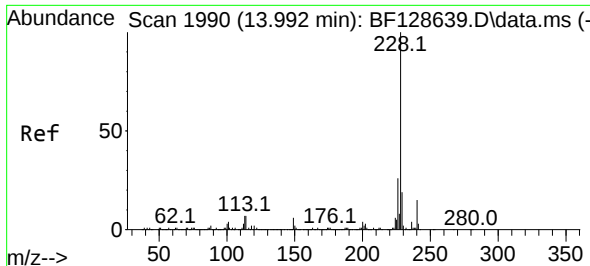
Ion Ratio Lower Upper

244 100

212 8.4 6.1 9.1

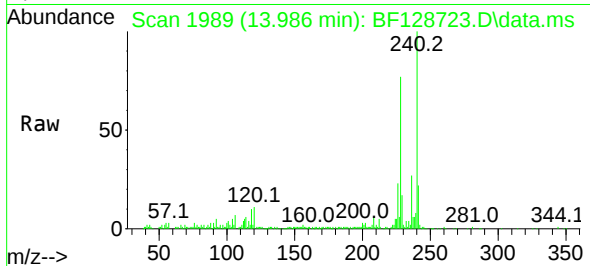
122 8.0 8.8 13.2#





#81
Benzo(a)anthracene
Concen: 3.949 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

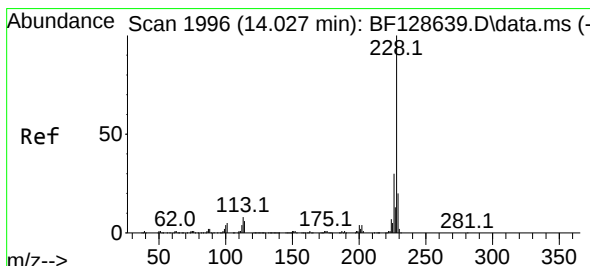
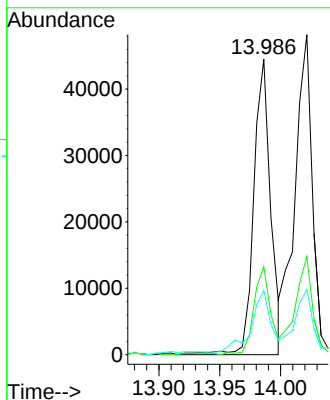
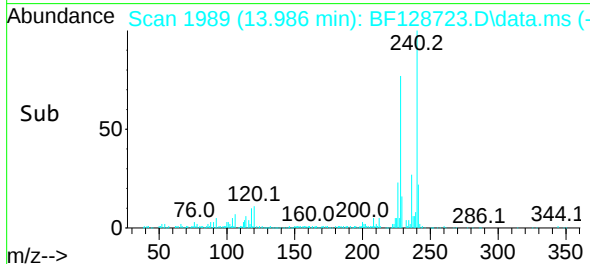
Instrument :
BNA_F
ClientSampleId :
21500DL



Tgt Ion:228 Resp: 4305
Ion Ratio Lower Upper
228 100
226 29.8 22.1 33.1
229 21.7 15.8 23.8

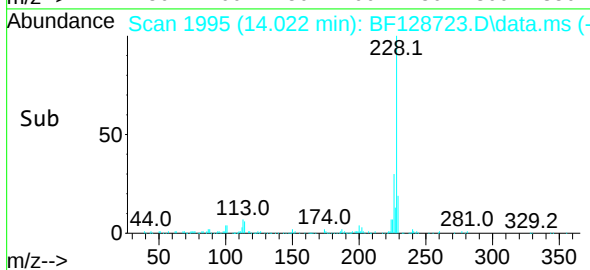
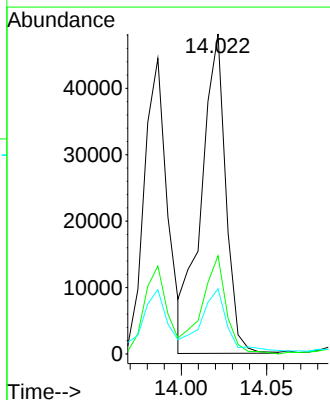
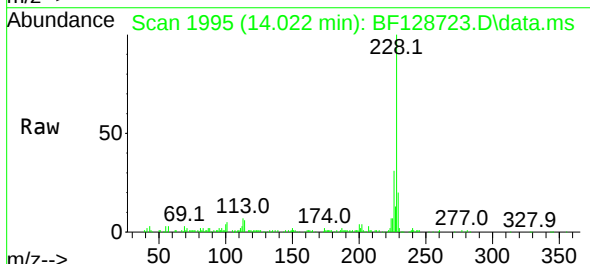
Manual Integrations
APPROVED

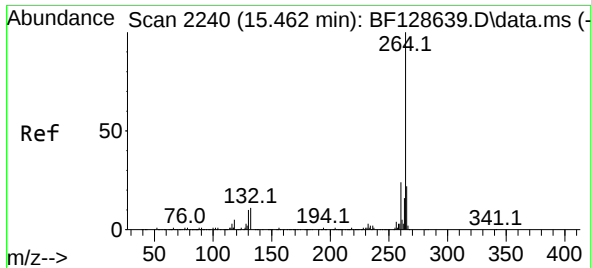
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#83
Chrysene
Concen: 4.632 ng
RT: 14.022 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

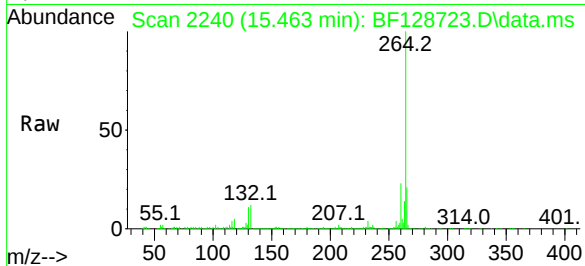
Tgt Ion:228 Resp: 48142
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 20.3 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 21500DL
Delta R.T. 0.001 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46

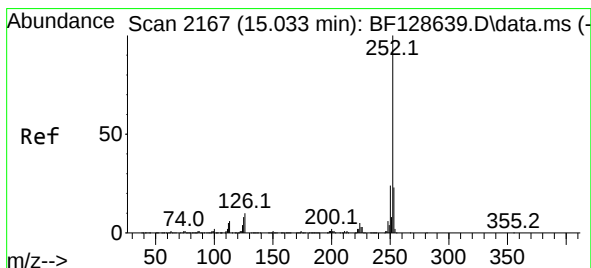
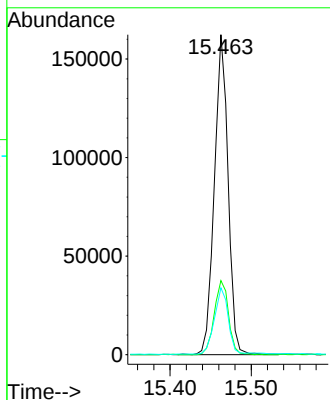
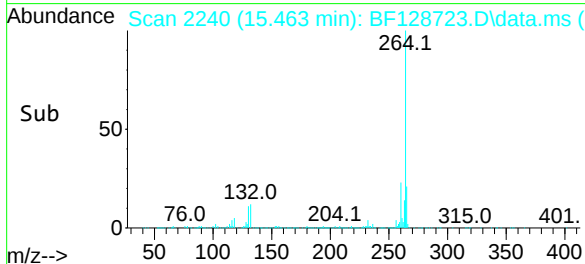
Instrument :
BNA_F
ClientSampleId :
21500DL



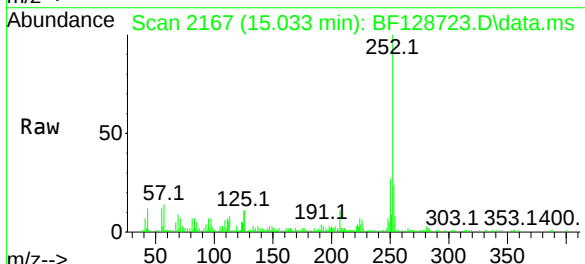
Tgt Ion:264 Resp: 190529
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 20.9 17.2 25.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#88
Benzo(b)fluoranthene
Concen: 2.611 ng m
RT: 15.033 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BF128723.D
Acq: 07 Jun 2022 18:46



Tgt Ion:252 Resp: 31791
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 10.5 8.0 12.0

