

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127141.D
 Acq On : 02 Mar 2022 12:17
 Operator : CG\JU
 Sample : N1689-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-39

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/03/2022
 Supervised By : Jagrut Upadhyay 03/03/2022

Quant Time: Mar 03 00:56:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	75798	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	310835	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	160604	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	259770	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	122630	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	144722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	280280	57.151	ng	0.02
7) Phenol-d6	6.528	99	362324	54.752	ng	0.00
23) Nitrobenzene-d5	7.463	82	684322	99.373	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	312107	168.785	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1136839	104.207	ng	0.00
79) Terphenyl-d14	13.010	244	873305	104.688	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.540	94	15517	2.321	ng	# 53
27) 2,4-Dimethylphenol	7.840	122	60194m	13.229	ng	
31) Naphthalene	8.210	128	3365955	207.441	ng	96
37) 2-Methylnaphthalene	8.892	142	1138308	108.114	ng	99
38) 1-Methylnaphthalene	8.992	142	850546	84.360	ng	99
46) 1,1'-Biphenyl	9.351	154	104010	8.174	ng	98
55) Dibenzofuran	10.134	168	32904	2.401	ng	# 66
58) Fluorene	10.481	166	41487	3.886	ng	89
71) Phenanthrene	11.445	178	43675	3.004	ng	99

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

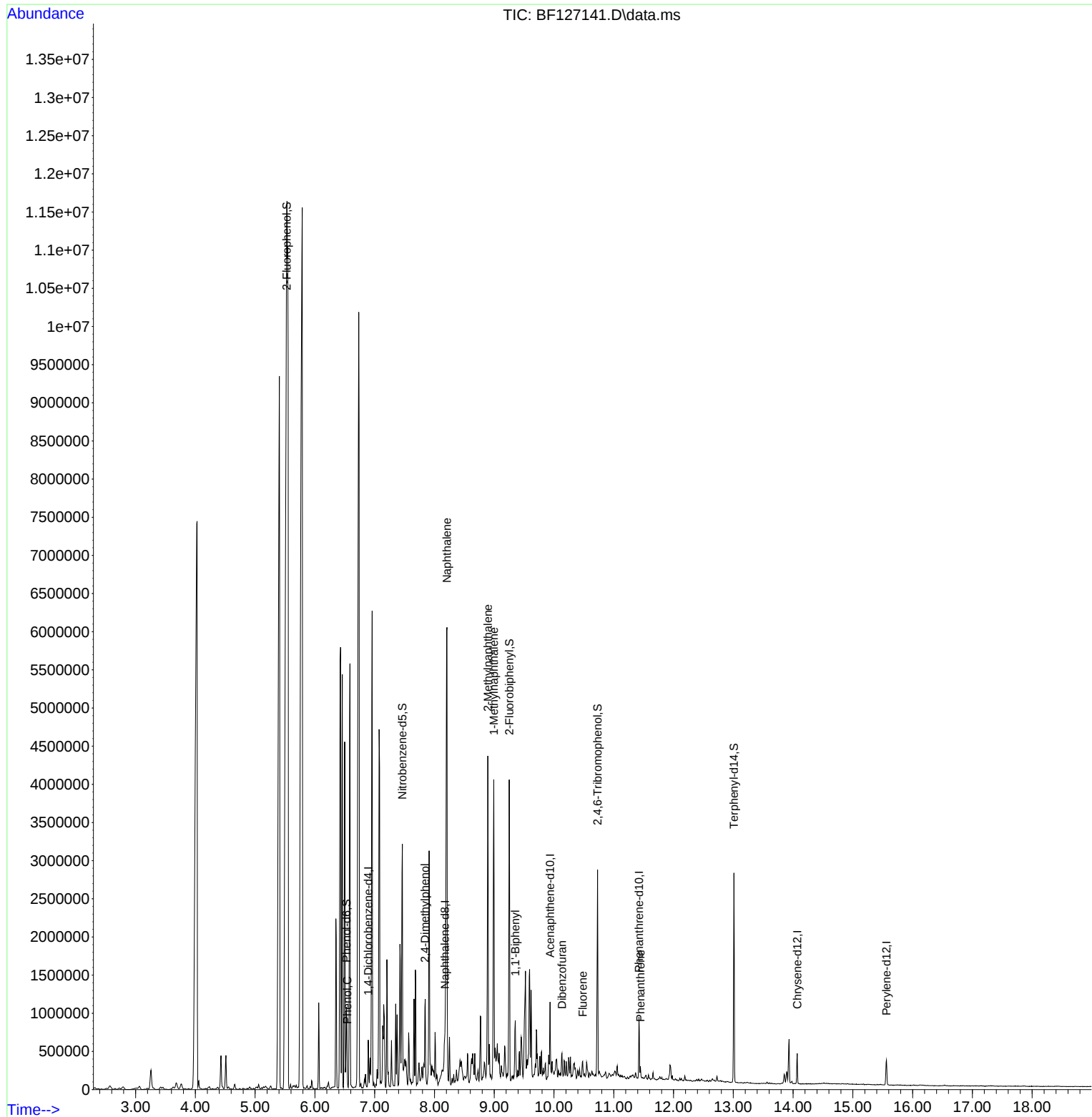
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
Data File : BF127141.D
Acq On : 02 Mar 2022 12:17
Operator : CG\JU
Sample : N1689-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-39

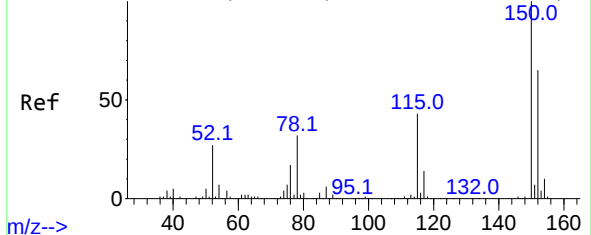
Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/03/2022
Supervised By : Jagrut Upadhyay 03/03/2022

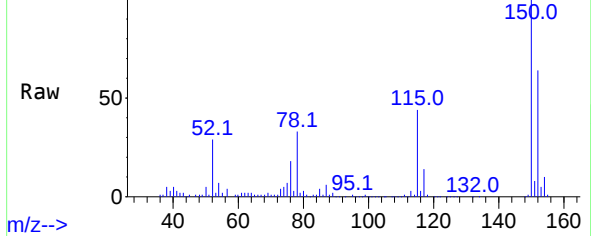
Quant Time: Mar 03 00:56:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 23:57:09 2022
Response via : Initial Calibration



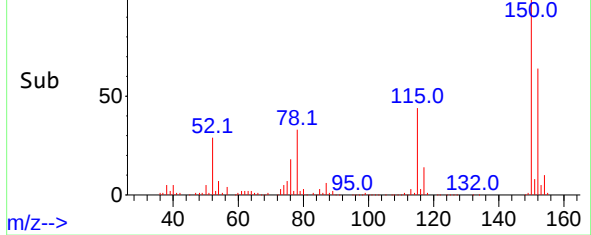
Abundance Scan 790 (6.933 min): BF126908.D\data.ms (-78



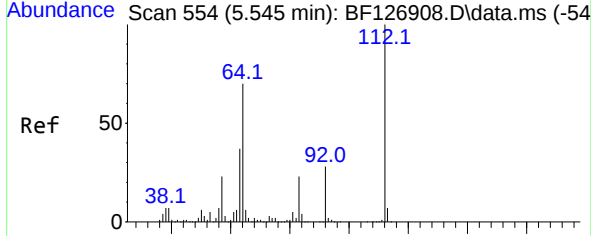
m/z--> Abundance Scan 783 (6.893 min): BF127141.D\data.ms



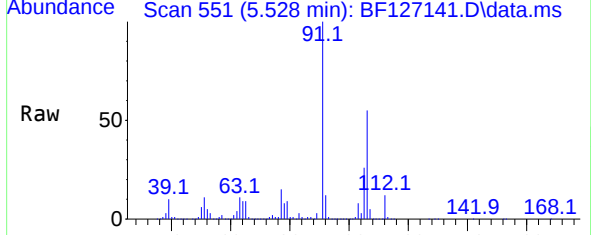
m/z--> Abundance Scan 783 (6.893 min): BF127141.D\data.ms (-76



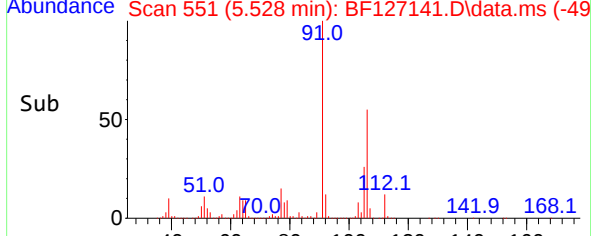
m/z--> Abundance Scan 554 (5.545 min): BF126908.D\data.ms (-54



m/z--> Abundance Scan 551 (5.528 min): BF127141.D\data.ms



m/z--> Abundance Scan 551 (5.528 min): BF127141.D\data.ms (-49



m/z--> Abundance Scan 551 (5.528 min): BF127141.D\data.ms (-49



m/z--> Abundance Scan 551 (5.528 min): BF127141.D\data.ms (-49

m/z--> Abundance Scan 551 (5.528 min): BF127141.D\data.ms (-49

m/z--> Abundance Scan 551 (5.528 min): BF127141.D\data.ms (-49

m/z--> Abundance Scan 551 (5.528 min): BF127141.D\data.ms (-49

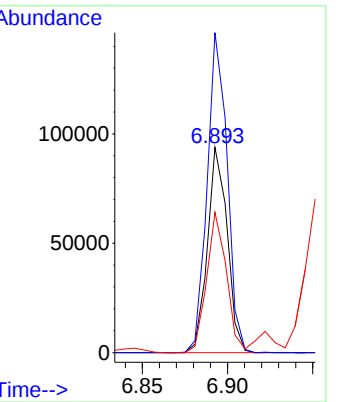
m/z--> Abundance Scan 551 (5.528 min): BF127141.D\data.ms (-49

m/z--> Abundance Scan 551 (5.528 min): BF127141.D\data.ms (-49

m/z--> Abundance Scan 551 (5.528 min): BF127141.D\data.ms (-49

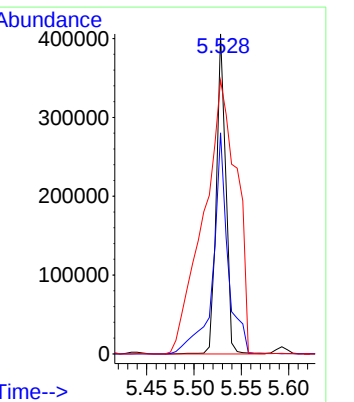
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17

Tgt Ion:152 Resp: 75798
Ion Ratio Lower Upper
152 100
150 156.0 128.1 192.1
115 68.4 56.7 85.1



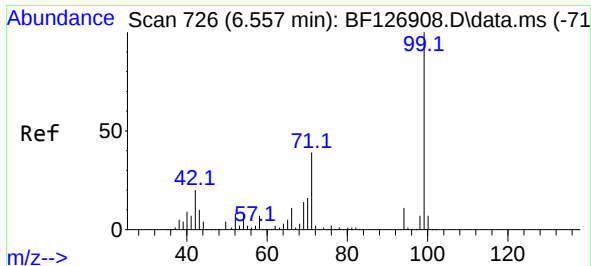
#5
2-Fluorophenol
Concen: 57.151 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.018 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17

Tgt Ion:112 Resp: 280280
Ion Ratio Lower Upper
112 100
64 69.1 49.5 74.3
63 85.5 23.9 35.9



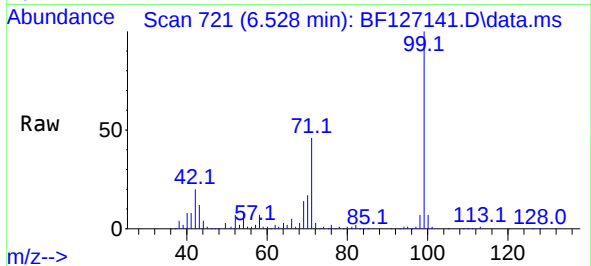
Instrument :
BNA_F
ClientSampleId :
MW-39

Manual Integrations
APPROVED
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#7
Phenol-d6
Concen: 54.752 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17

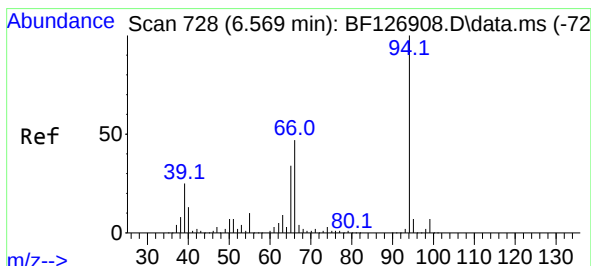
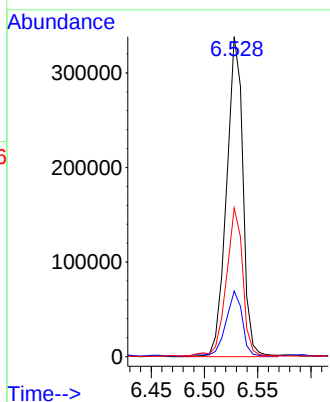
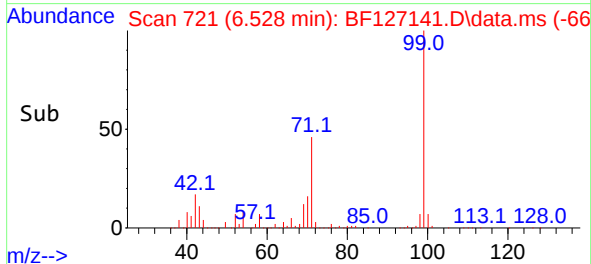
Instrument :
BNA_F
ClientSampleId :
MW-39



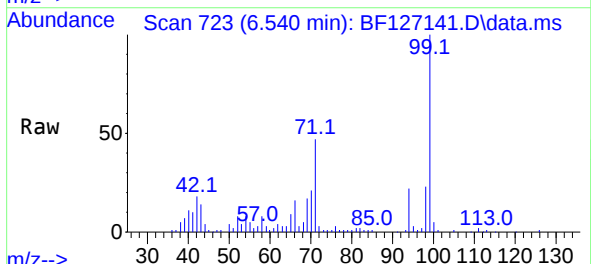
Tgt Ion: 99 Resp: 362324
Ion Ratio Lower Upper
99 100
42 20.5 14.2 21.4
71 46.5 24.3 36.5

Manual Integrations
APPROVED

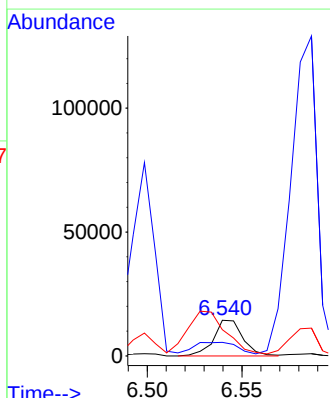
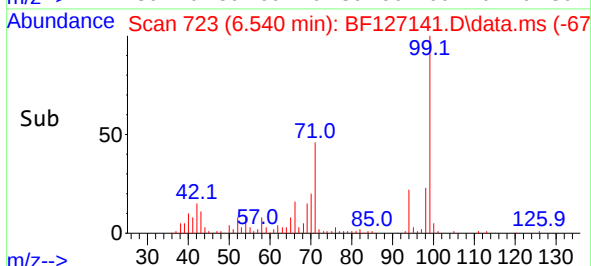
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

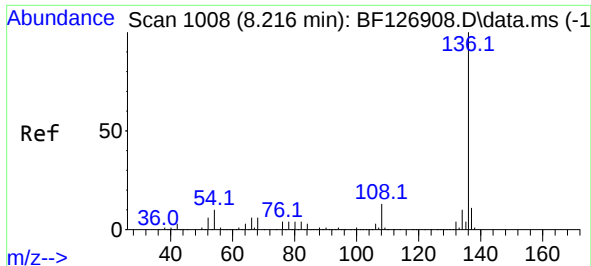


#10
Phenol
Concen: 2.321 ng
RT: 6.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17



Tgt Ion: 94 Resp: 15517
Ion Ratio Lower Upper
94 100
65 37.9 7.2 47.2
66 73.4 14.5 54.5





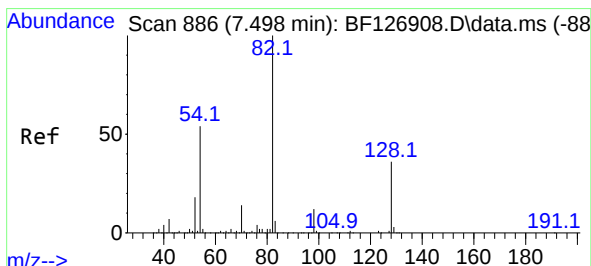
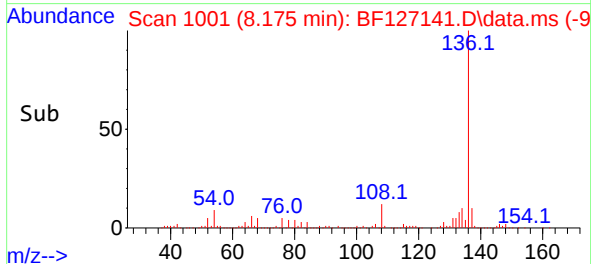
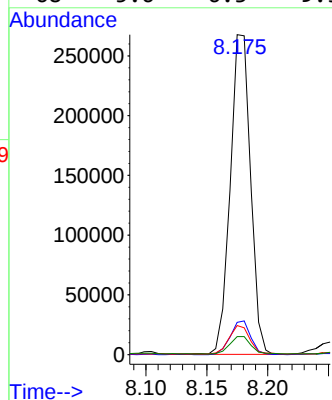
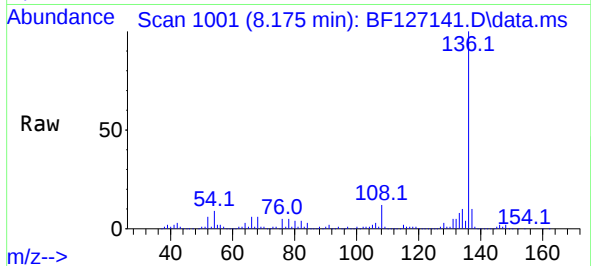
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17

Instrument :
BNA_F
ClientSampleId :
MW-39

Tgt Ion:136	Resp:	310835
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.6 13.0
54	9.1	7.8 11.6
68	5.6	6.3 9.5#

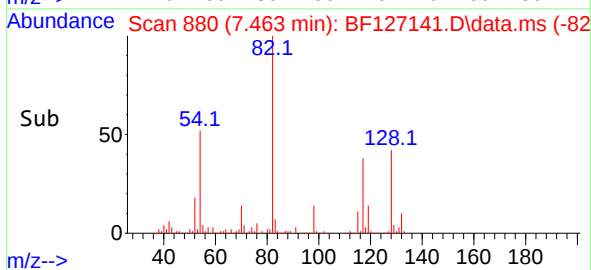
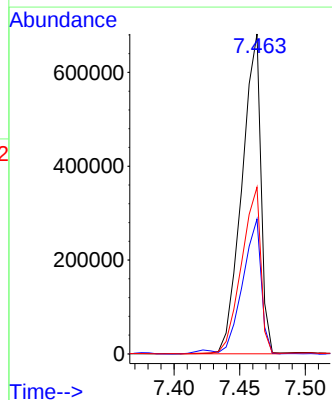
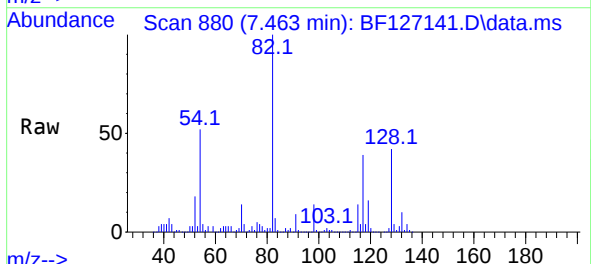
Manual Integrations
APPROVED

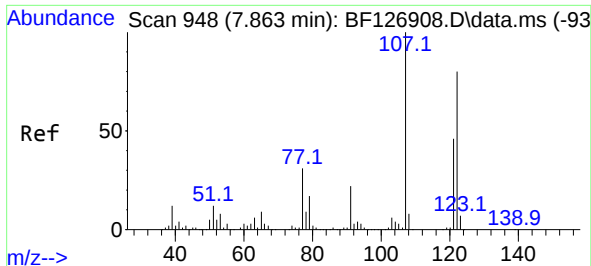
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#23
Nitrobenzene-d5
Concen: 99.373 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17

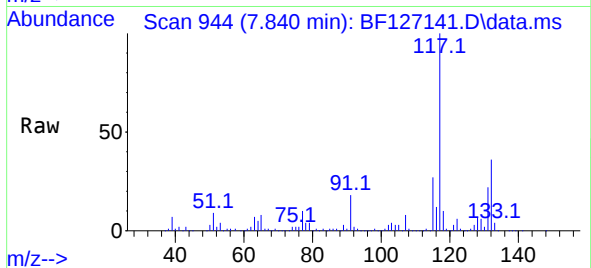
Tgt Ion: 82	Resp:	684322
Ion Ratio	Lower	Upper
82	100	
128	42.1	32.7 49.1
54	52.1	41.7 62.5





#27
2,4-Dimethylphenol
Concen: 13.229 ng m
RT: 7.840 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17

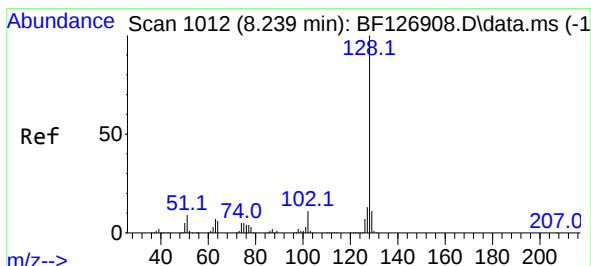
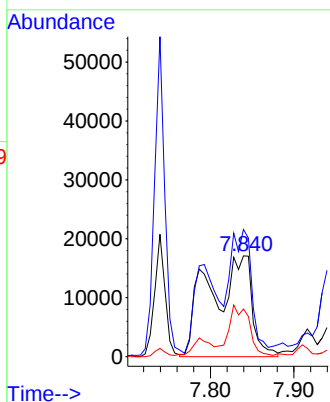
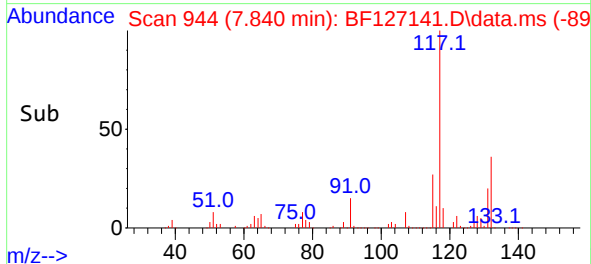
Instrument :
BNA_F
ClientSampleId :
MW-39



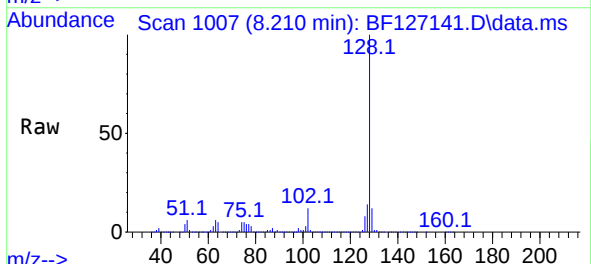
Tgt Ion:122 Resp: 60194
Ion Ratio Lower Upper
122 100
107 126.1 91.2 136.8
121 47.2 44.4 66.6

Manual Integrations
APPROVED

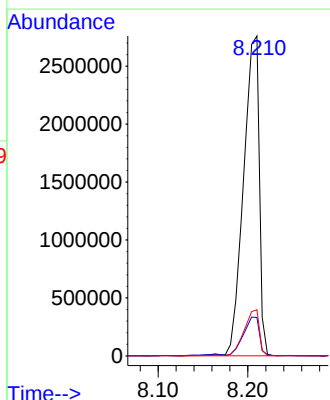
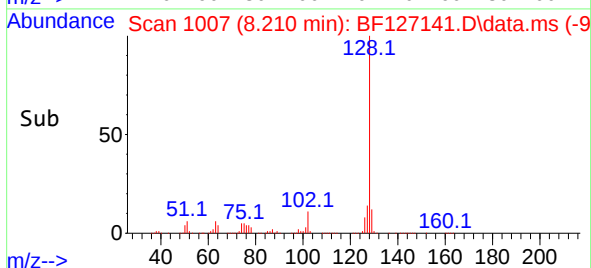
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

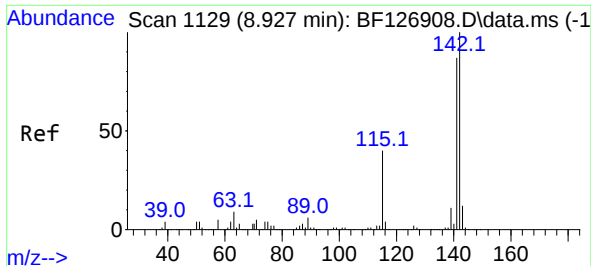


#31
Naphthalene
Concen: 207.441 ng
RT: 8.210 min Scan# 1007
Delta R.T. 0.012 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17



Tgt Ion:128 Resp: 3365955
Ion Ratio Lower Upper
128 100
129 12.0 8.6 13.0
127 14.4 10.3 15.5





#37

2-Methylnaphthalene

Concen: 108.114 ng

RT: 8.892 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127141.D

Acq: 02 Mar 2022 12:17

Instrument :

BNA_F

ClientSampleId :

MW-39

Tgt Ion:142 Resp: 1138308

Ion Ratio Lower Upper

142 100

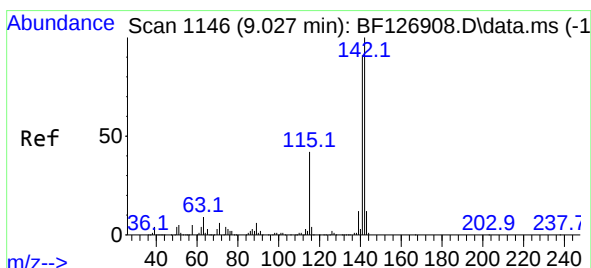
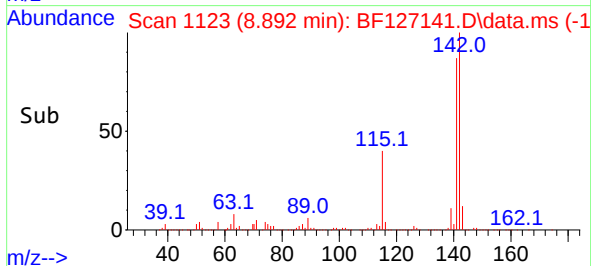
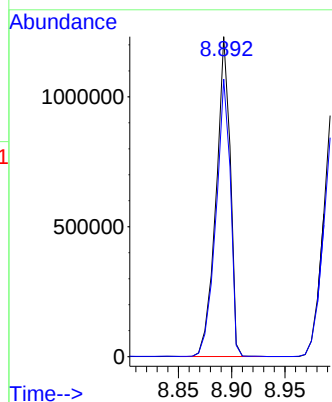
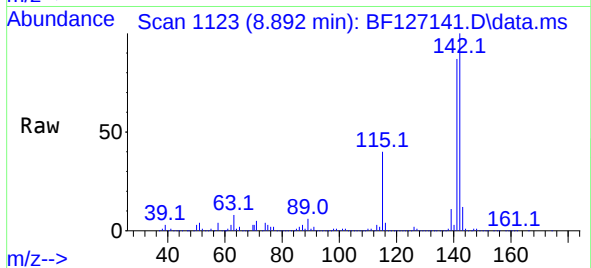
141 86.7 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/03/2022

Supervised By :Jagrut Upadhyay 03/03/2022



#38

1-Methylnaphthalene

Concen: 84.360 ng

RT: 8.992 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF127141.D

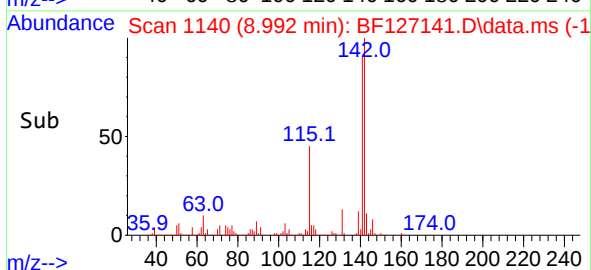
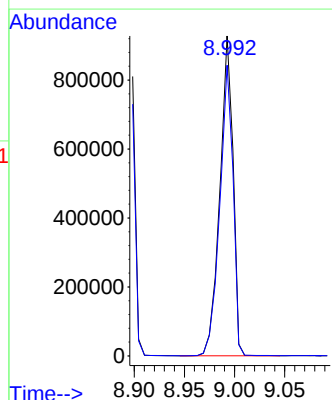
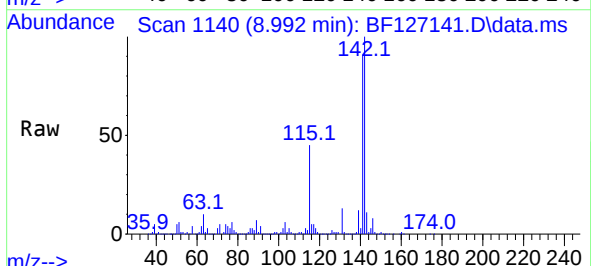
Acq: 02 Mar 2022 12:17

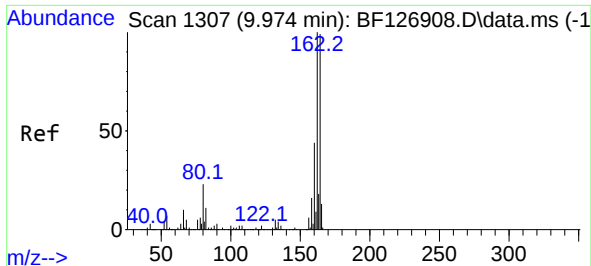
Tgt Ion:142 Resp: 850546

Ion Ratio Lower Upper

142 100

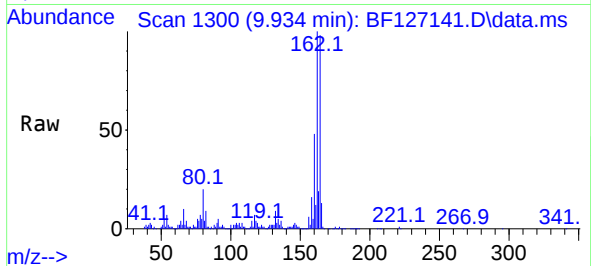
141 90.8 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17

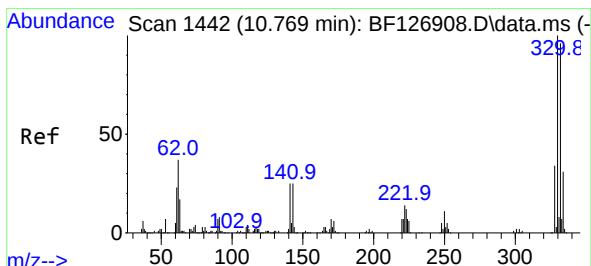
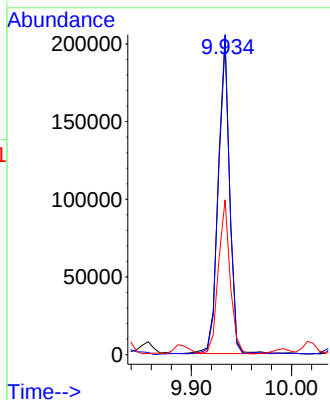
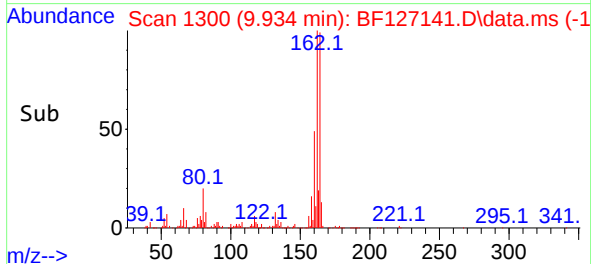
Instrument :
BNA_F
ClientSampleId :
MW-39



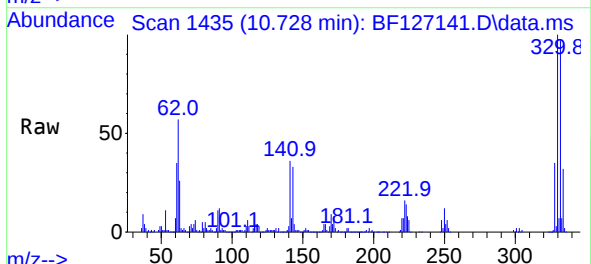
Tgt Ion:164 Resp: 160604
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 49.6 36.6 54.8

Manual Integrations
APPROVED

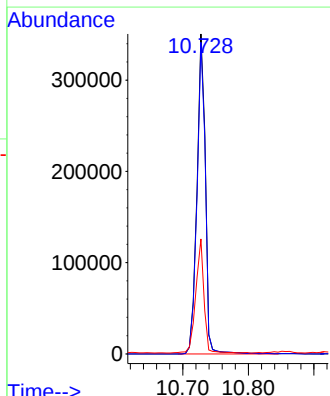
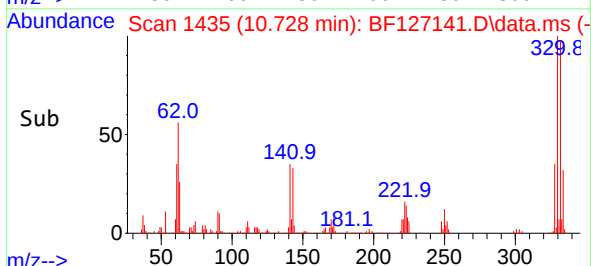
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

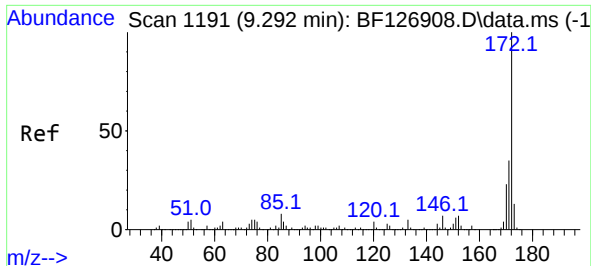


#42
2,4,6-Tribromophenol
Concen: 168.785 ng
RT: 10.728 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17



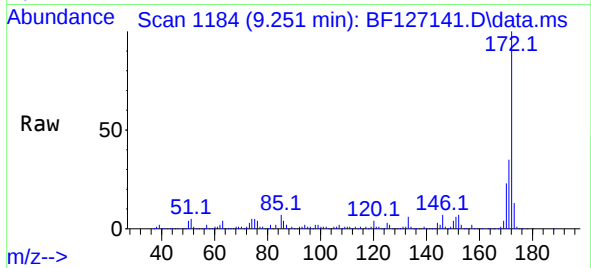
Tgt Ion:330 Resp: 312107
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 34.8 30.1 45.1





#45
2-Fluorobiphenyl
Concen: 104.207 ng
RT: 9.251 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17

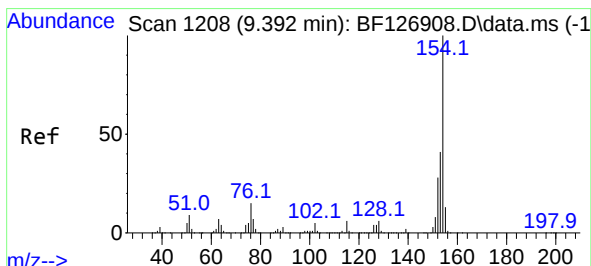
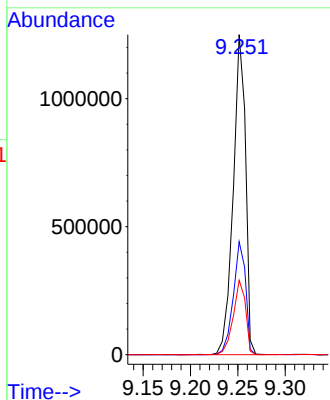
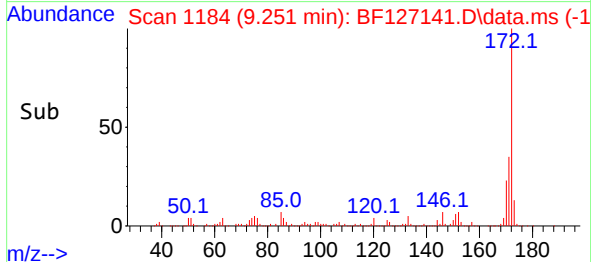
Instrument :
BNA_F
ClientSampleId :
MW-39



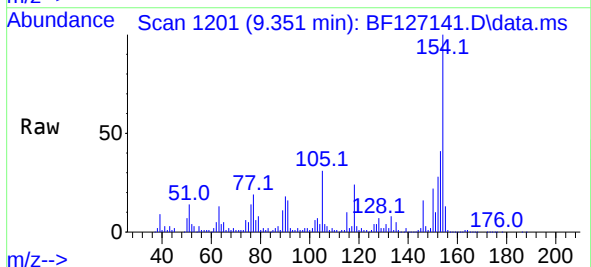
Tgt Ion:172 Resp: 1136839
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.2 19.0 28.6

Manual Integrations
APPROVED

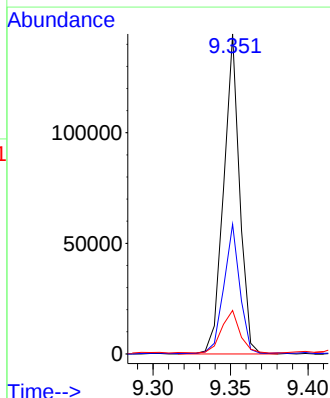
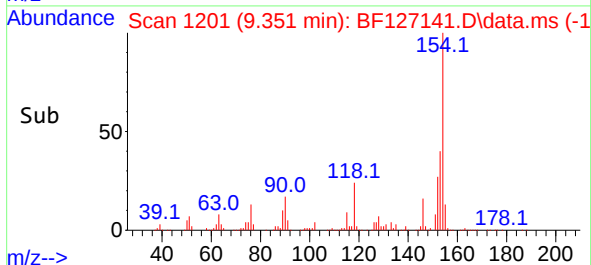
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

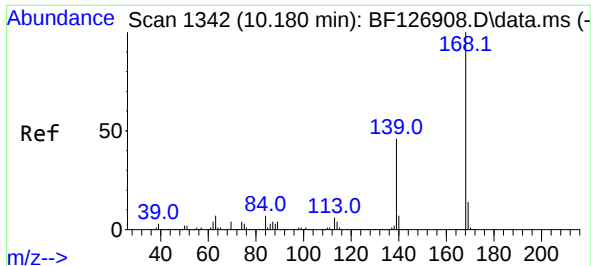


#46
1,1'-Biphenyl
Concen: 8.174 ng
RT: 9.351 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17



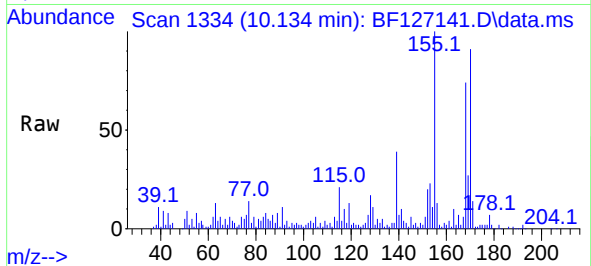
Tgt Ion:154 Resp: 104010
Ion Ratio Lower Upper
154 100
153 40.5 19.0 59.0
76 13.6 0.0 34.5





#55
Dibenzenofuran
Concen: 2.401 ng
RT: 10.134 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17

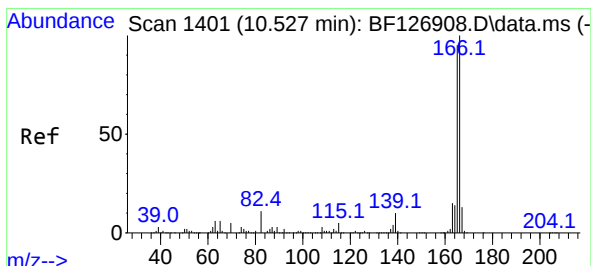
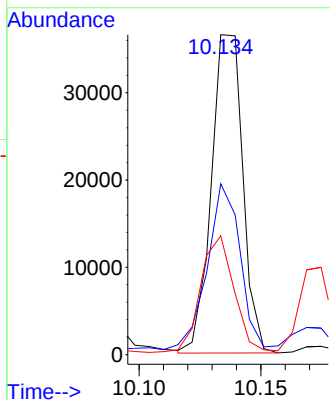
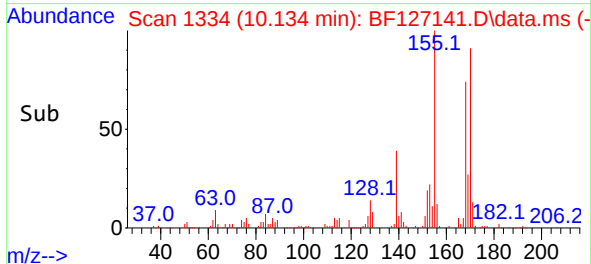
Instrument :
BNA_F
ClientSampleId :
MW-39



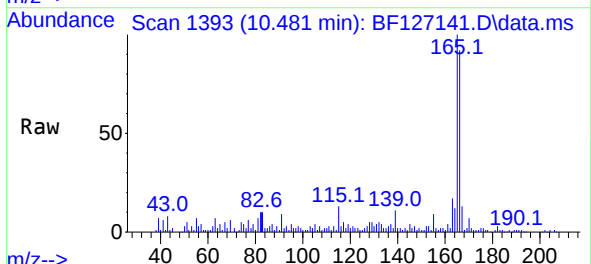
Tgt Ion:168 Resp: 32904
Ion Ratio Lower Upper
168 100
139 53.4 30.6 46.0
169 37.1 10.0 15.0

Manual Integrations
APPROVED

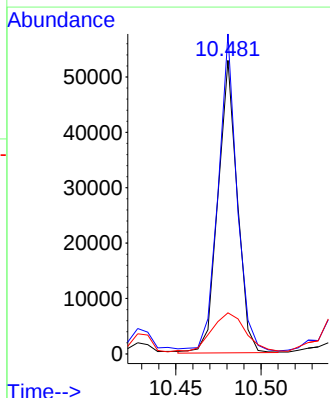
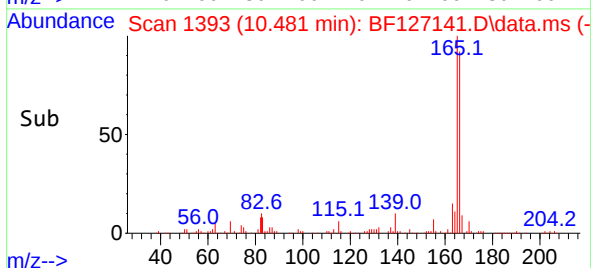
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

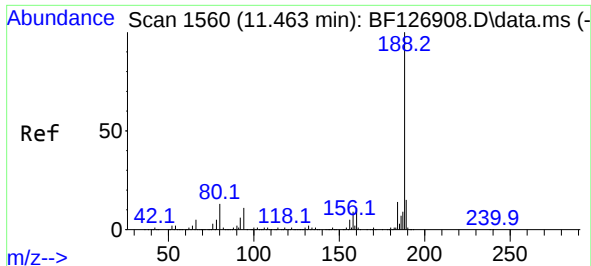


#58
Fluorene
Concen: 3.886 ng
RT: 10.481 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17



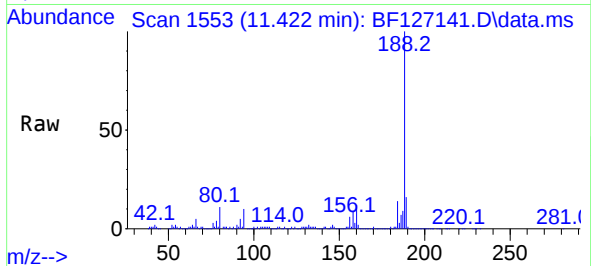
Tgt Ion:166 Resp: 41487
Ion Ratio Lower Upper
166 100
165 109.0 77.7 116.5
167 14.0 10.7 16.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17

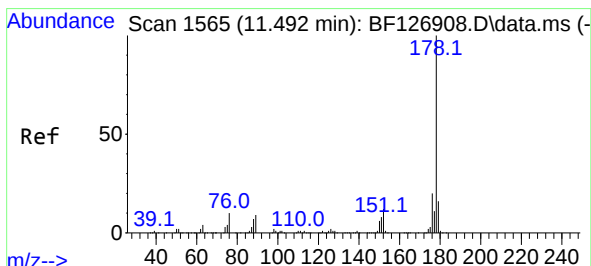
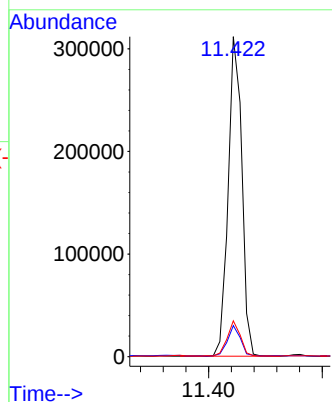
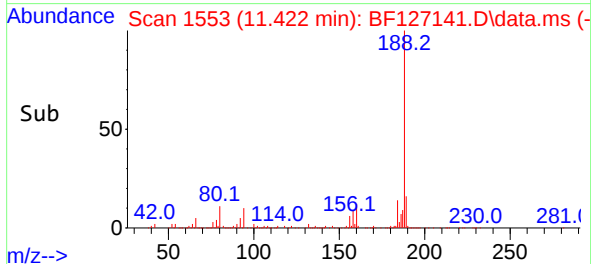
Instrument :
BNA_F
ClientSampleId :
MW-39



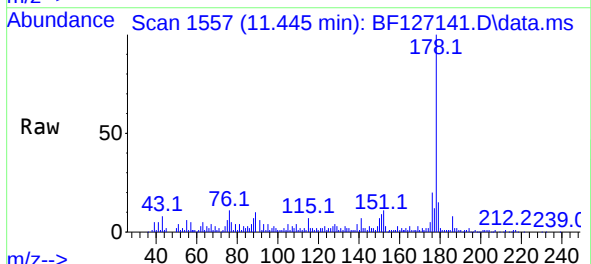
Tgt Ion:188 Resp: 259770
Ion Ratio Lower Upper
188 100
94 9.7 10.1 15.1
80 11.2 11.8 17.6

Manual Integrations
APPROVED

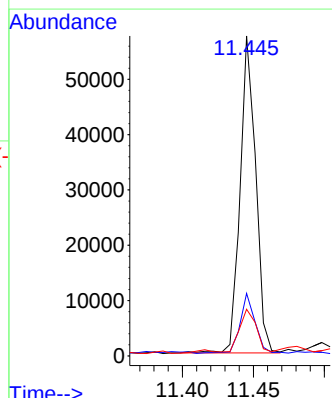
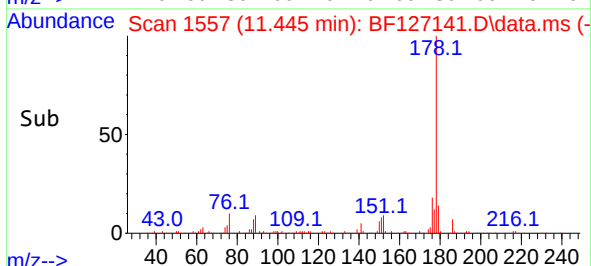
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

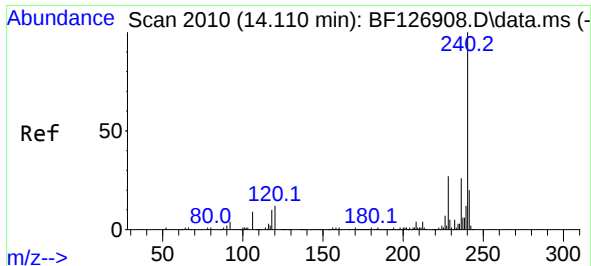


#71
Phenanthrene
Concen: 3.004 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17



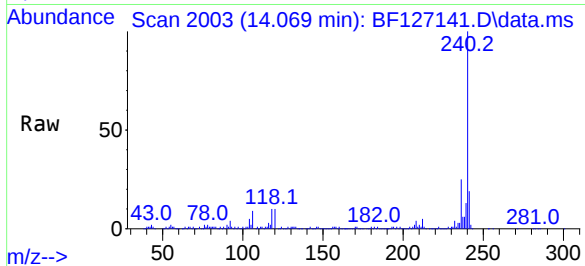
Tgt Ion:178 Resp: 43675
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 14.6 12.3 18.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17

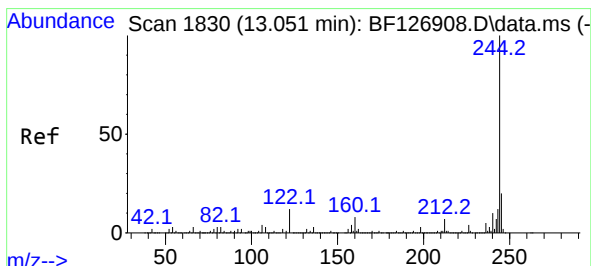
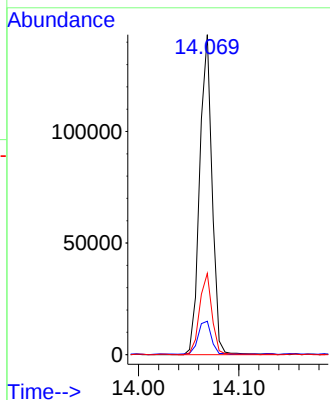
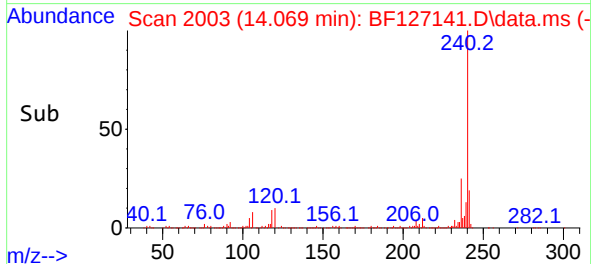
Instrument :
BNA_F
ClientSampleId :
MW-39



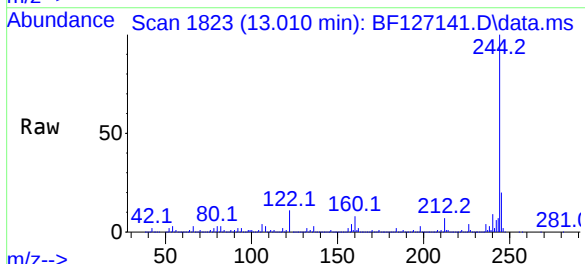
Tgt Ion:240 Resp: 122630
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6
236 25.4 20.5 30.7

Manual Integrations
APPROVED

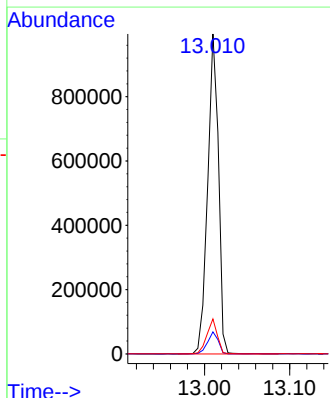
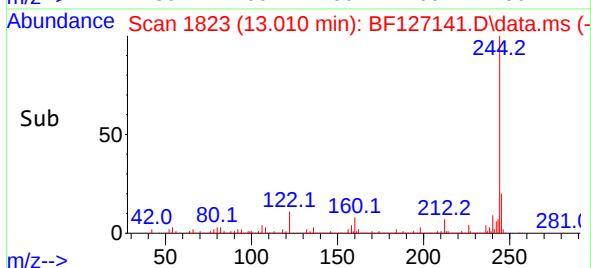
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

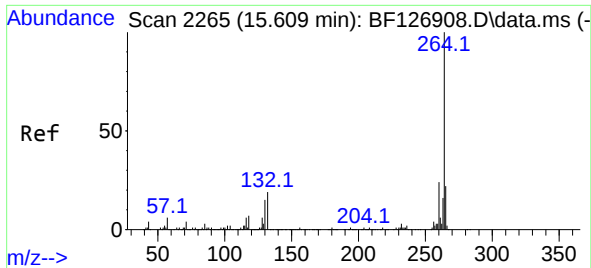


#79
Terphenyl-d14
Concen: 104.688 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127141.D
Acq: 02 Mar 2022 12:17



Tgt Ion:244 Resp: 873305
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 10.9 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127141.D
 Acq: 02 Mar 2022 12:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-39

Tgt Ion:264	Resp:	14472
Ion Ratio	Lower	Upper
264	100	
260	23.3	19.2 28.8
265	21.3	17.4 26.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/03/2022
 Supervised By :Jagrut Upadhyay 03/03/2022

