

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128052.D
 Acq On : 03 May 2022 18:15
 Operator : CG\JU
 Sample : N2611-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-01-042822DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2022
 Supervised By : Jagrut Upadhyay 05/04/2022

Quant Time: May 04 04:27:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	114125	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	443728	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	241189	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	348476	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	230397	20.000	ng	0.00
86) Perylene-d12	15.604	264	211900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	151735	21.177	ng	-0.01
7) Phenol-d6	6.534	99	202249	21.754	ng	-0.02
23) Nitrobenzene-d5	7.475	82	142204	15.070	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	45413	18.704	ng	-0.01
45) 2-Fluorobiphenyl	9.269	172	256200	17.970	ng	-0.01
79) Terphenyl-d14	13.033	244	186702	14.818	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.222	128	943316	41.740	ng	100
37) 2-Methylnaphthalene	8.910	142	135186	9.051	ng	100
38) 1-Methylnaphthalene	9.010	142	73645	5.073	ng	100
71) Phenanthrene	11.475	178	148455	8.138	ng	99
75) Fluoranthene	12.663	202	167251	8.712	ng	99
78) Pyrene	12.898	202	161076	8.661	ng	99
81) Benzo(a)anthracene	14.086	228	74586	4.857	ng	96
83) Chrysene	14.121	228	71227m	4.857	ng	
87) Indeno(1,2,3-cd)pyrene	17.133	276	33049	2.337	ng	# 93
88) Benzo(b)fluoranthene	15.157	252	90725m	6.817	ng	
90) Benzo(a)pyrene	15.539	252	62339	5.647	ng	99
92) Benzo(g,h,i)perylene	17.604	276	30880	2.583	ng	98

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

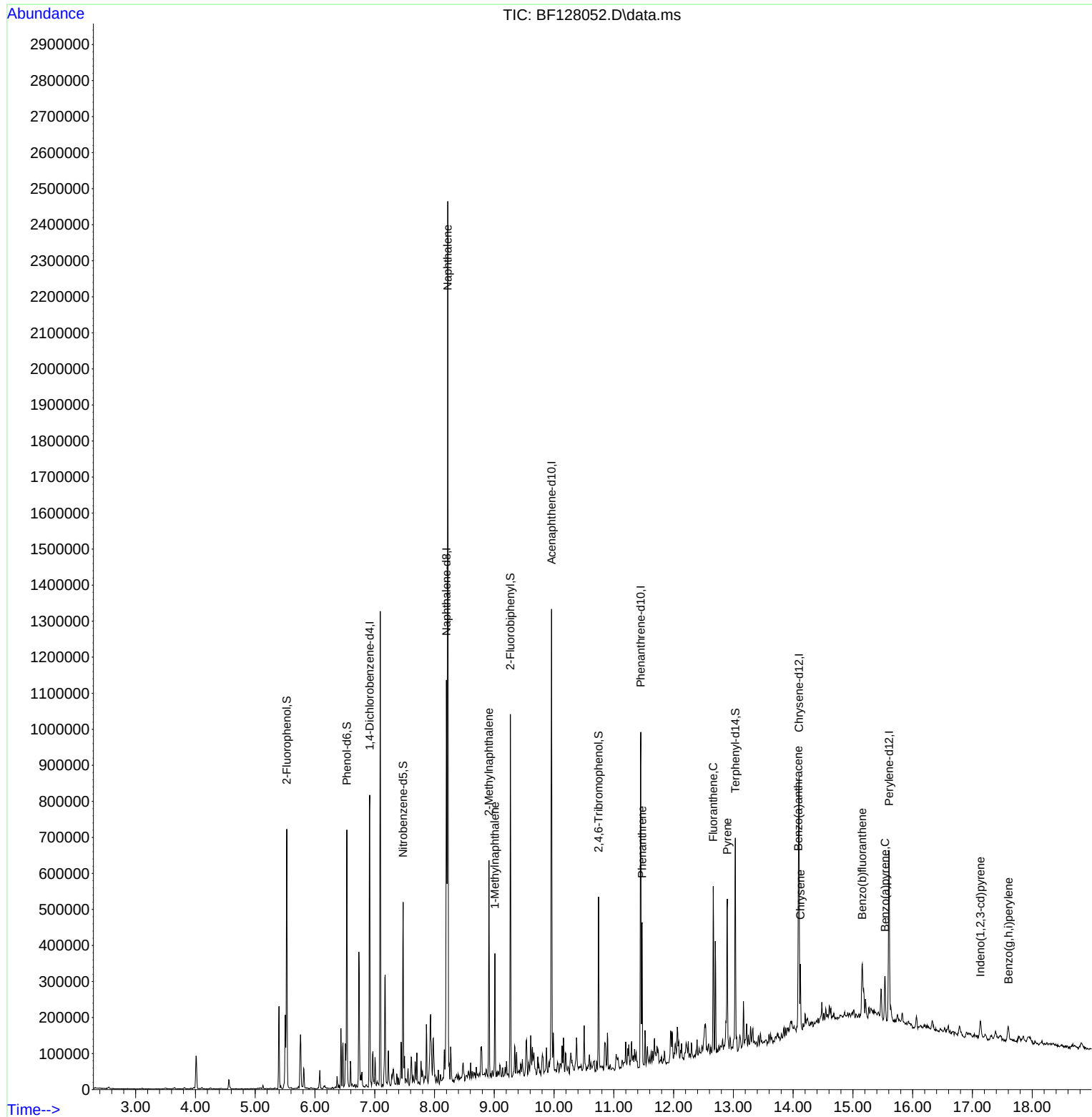
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
Data File : BF128052.D
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Sample : N2611-01DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

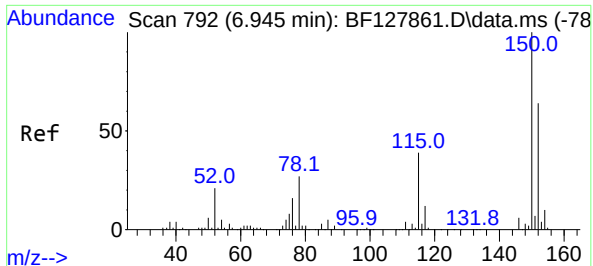
Instrument :
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JC-01-042822DL

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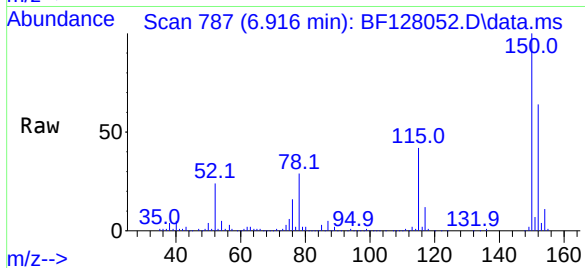
Quant Time: May 04 04:27:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 04:23:29 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

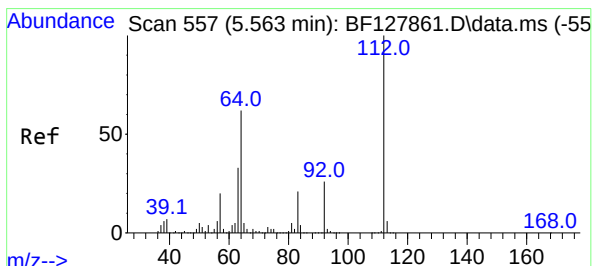
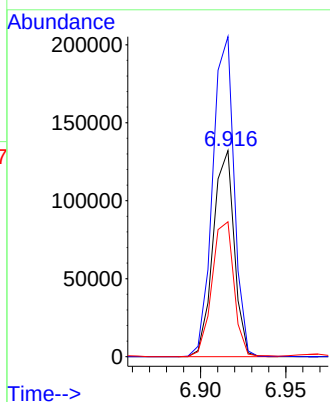
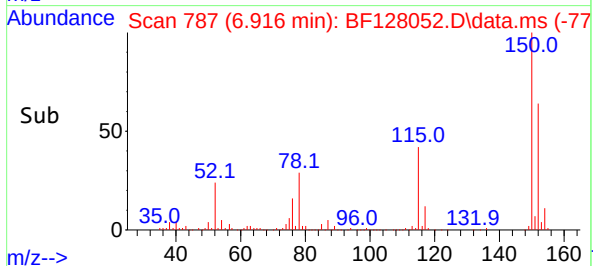
Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL



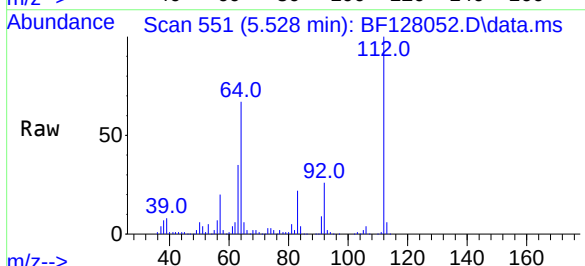
Tgt Ion:152 Resp: 114125
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 65.5 48.8 73.2

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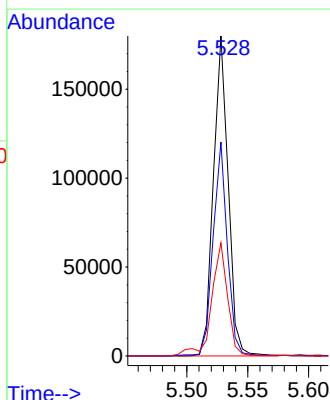
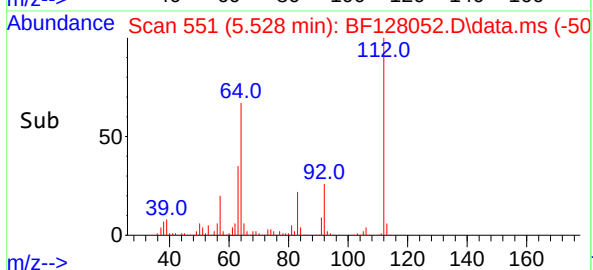
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

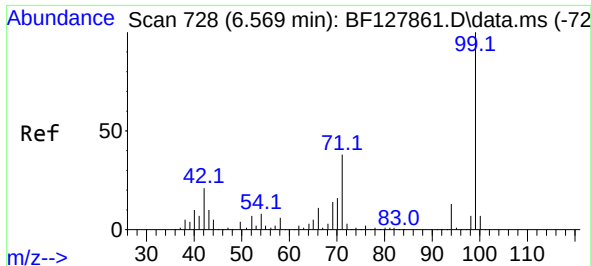


#5
2-Fluorophenol
Concen: 21.177 ng
RT: 5.528 min Scan# 551
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15



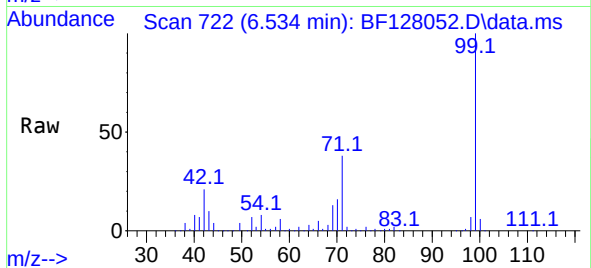
Tgt Ion:112 Resp: 151735
Ion Ratio Lower Upper
112 100
64 66.8 49.5 74.3
63 35.3 26.3 39.5





#7
Phenol-d6
Concen: 21.754 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

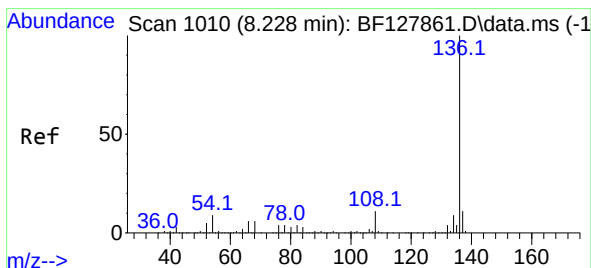
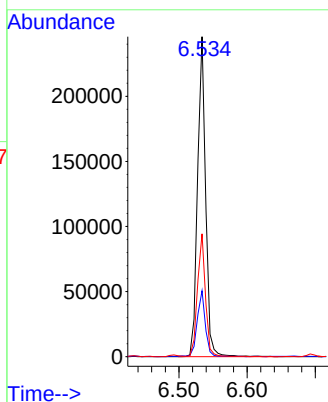
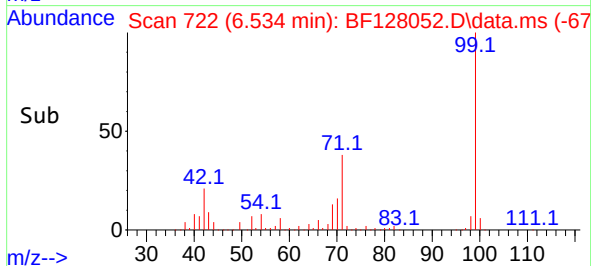
Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL



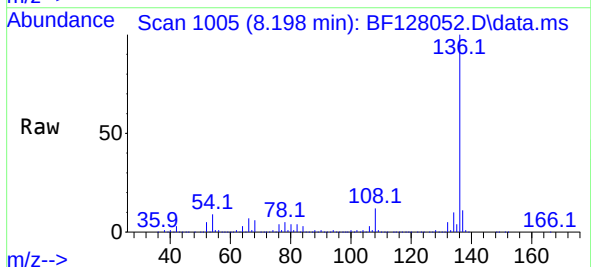
Tgt Ion: 99 Resp: 202249
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 38.4 30.0 45.0

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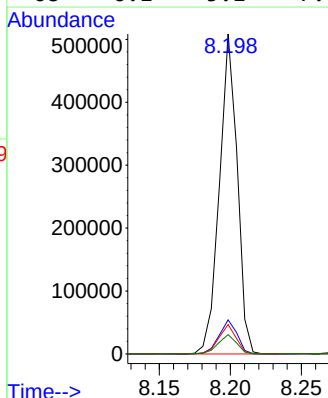
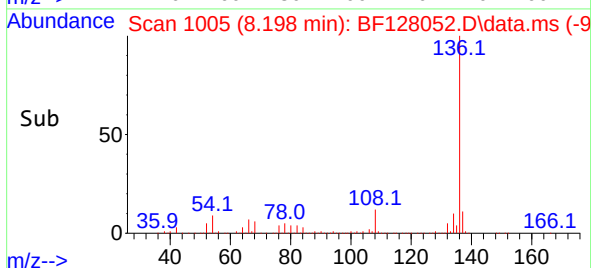
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

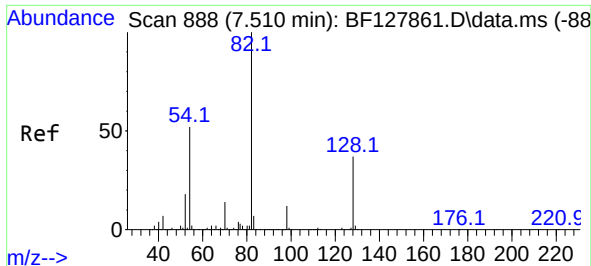


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15



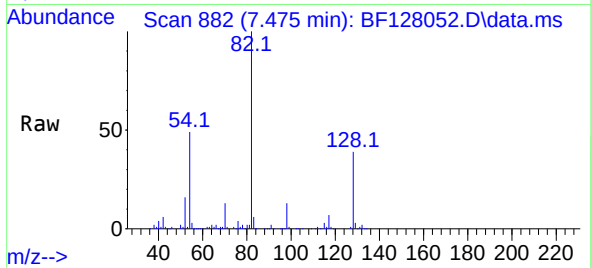
Tgt Ion:136 Resp: 443728
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.2 6.8 10.2
68 6.1 5.1 7.7





#23
Nitrobenzene-d5
Concen: 15.070 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

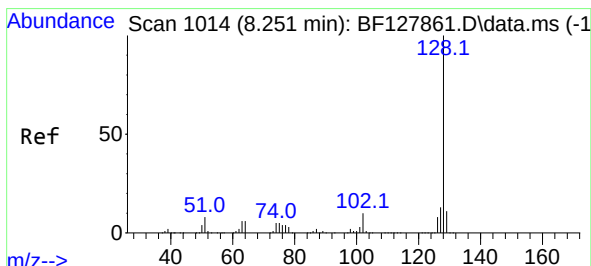
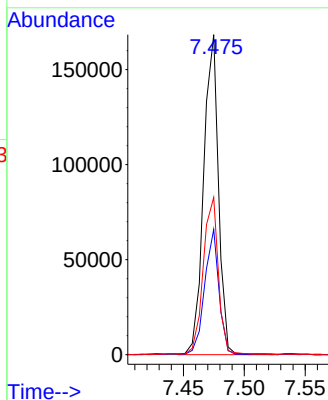
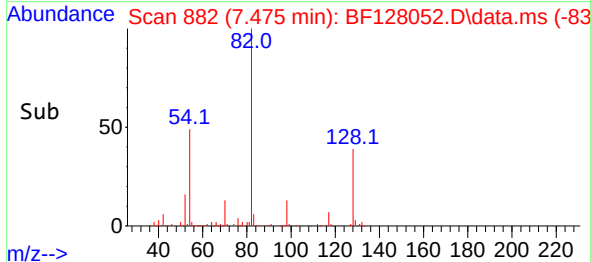
Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL



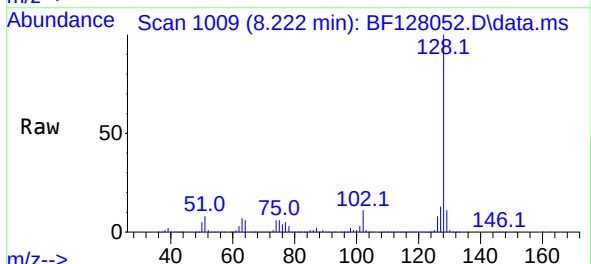
Tgt Ion: 82 Resp: 142204
Ion Ratio Lower Upper
82 100
128 39.2 30.0 45.0
54 49.1 41.3 61.9

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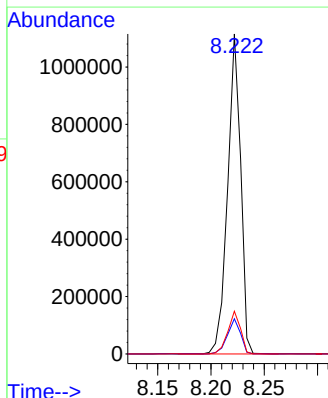
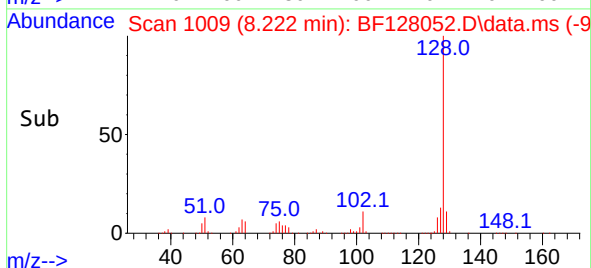
Reviewed By :Christian Giraldo 05/04/2022
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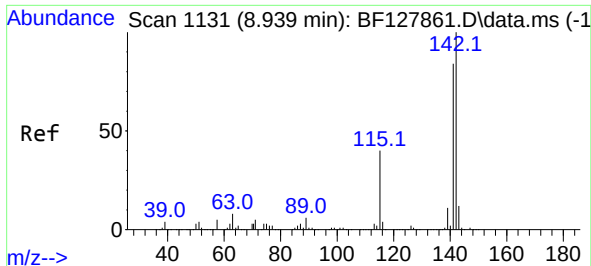


#31
Naphthalene
Concen: 41.740 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15



Tgt Ion:128 Resp: 943316
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.3 10.6 16.0





#37

2-Methylnaphthalene

Concen: 9.051 ng

RT: 8.910 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF128052.D

Acq: 03 May 2022 18:15

Instrument :

BNA_F

ClientSampleId :

JC-01-042822DL

Tgt Ion:142 Resp: 135180

Ion Ratio Lower Upper

142 100

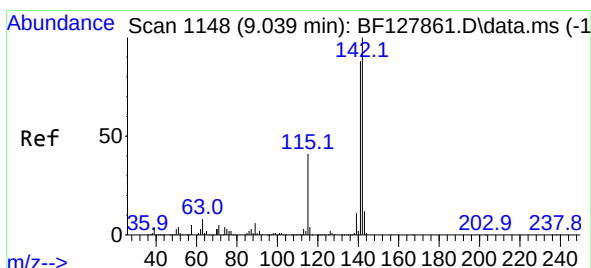
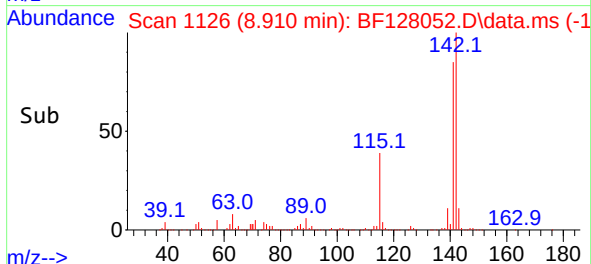
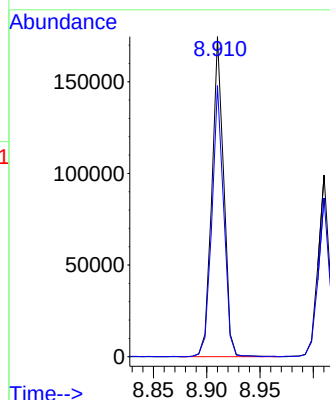
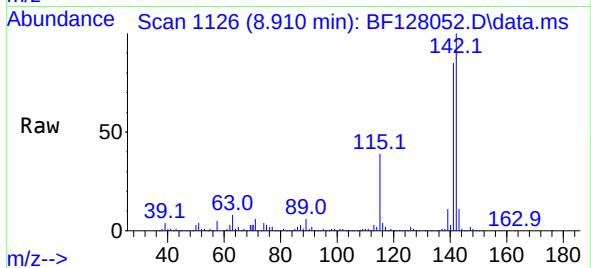
141 84.7 67.4 101.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/04/2022

Supervised By :Jagrut Upadhyay 05/04/2022



#38

1-Methylnaphthalene

Concen: 5.073 ng

RT: 9.010 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF128052.D

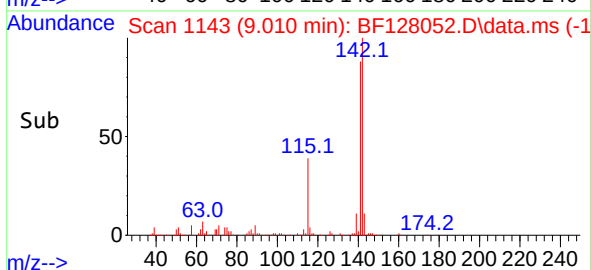
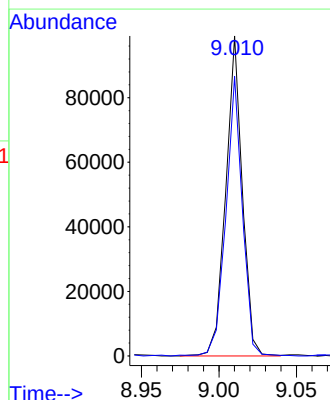
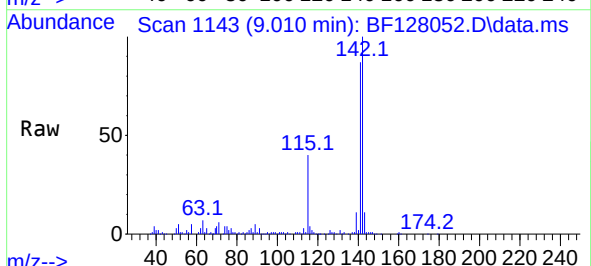
Acq: 03 May 2022 18:15

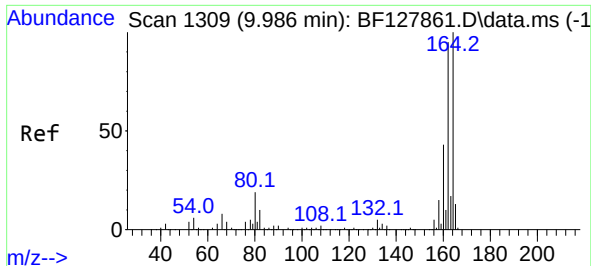
Tgt Ion:142 Resp: 73645

Ion Ratio Lower Upper

142 100

141 87.3 70.1 105.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128052.D

Acq: 03 May 2022 18:15

Instrument :

BNA_F

ClientSampleId :

JC-01-042822DL

Tgt Ion:164 Resp: 241189

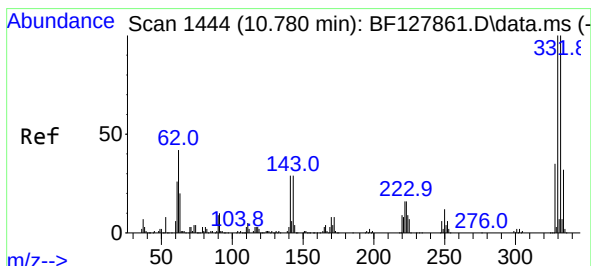
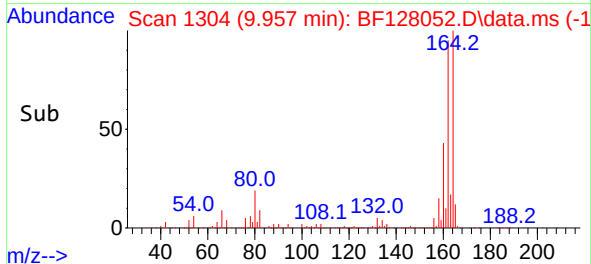
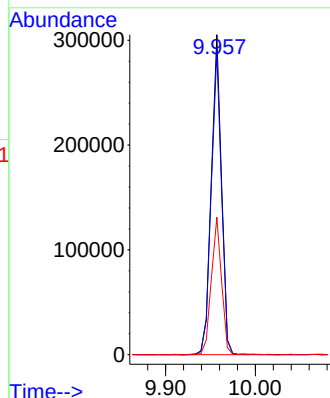
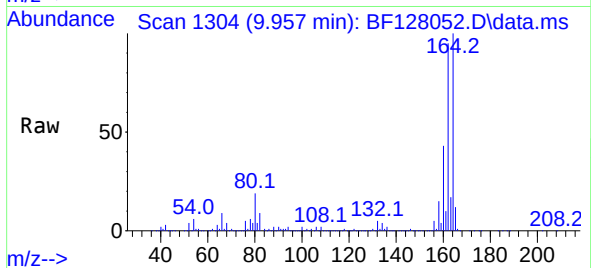
Ion	Ratio	Lower	Upper
164	100		
162	94.8	76.0	114.0
160	42.9	34.8	52.2

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Supervised By :Jagrut Upadhyay 05/04/2022



#42

2,4,6-Tribromophenol

Concen: 18.704 ng

RT: 10.745 min Scan# 1438

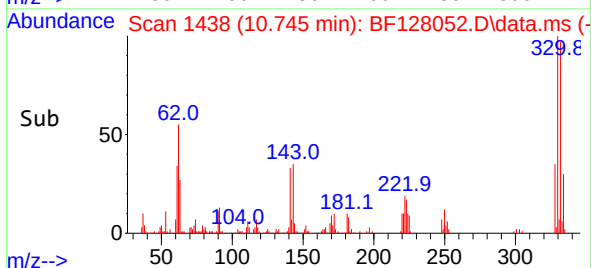
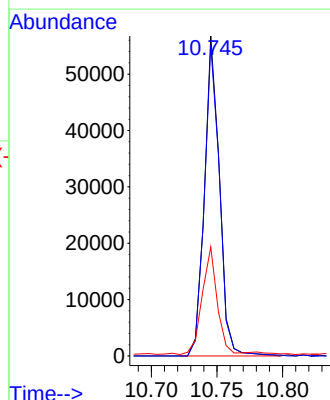
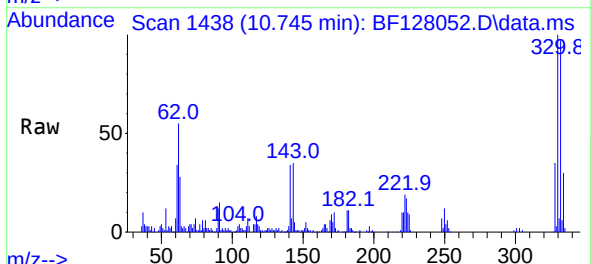
Delta R.T. -0.012 min

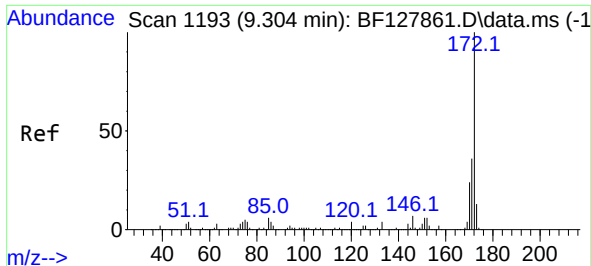
Lab File: BF128052.D

Acq: 03 May 2022 18:15

Tgt Ion:330 Resp: 45413

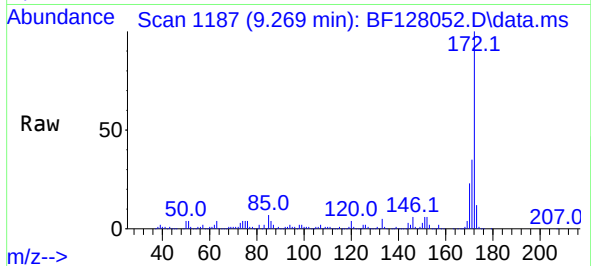
Ion	Ratio	Lower	Upper
330	100		
332	98.2	79.0	118.4
141	33.5	28.9	43.3





#45
2-Fluorobiphenyl
Concen: 17.970 ng
RT: 9.269 min Scan# 1193
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

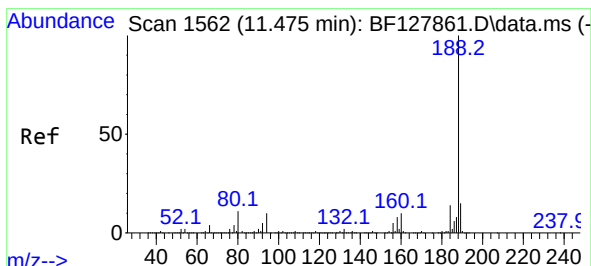
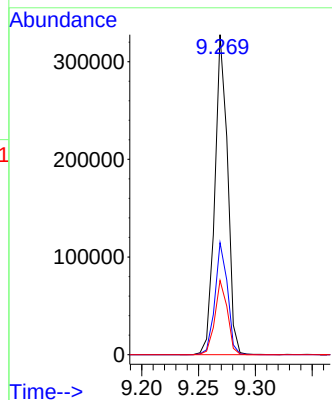
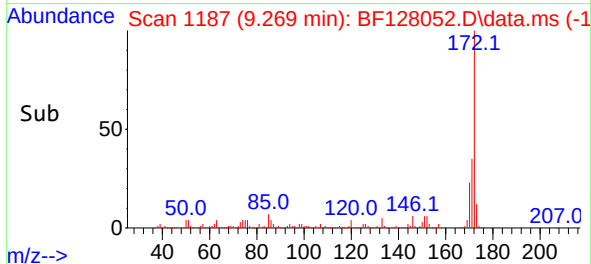
Instrument :
BNA_F
ClientSampleId :
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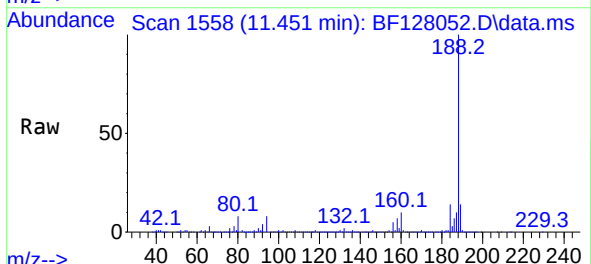
Tgt Ion:172 Resp: 256200
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.2 19.1 28.7

Manual Integrations
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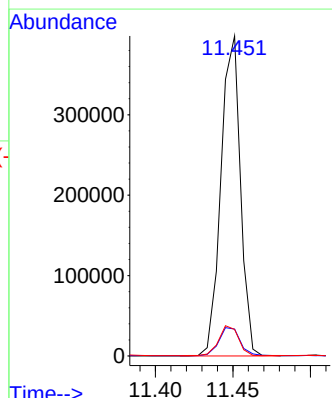
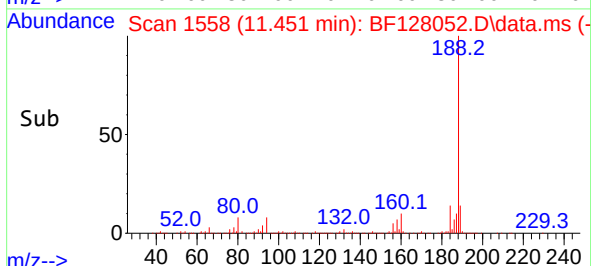
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

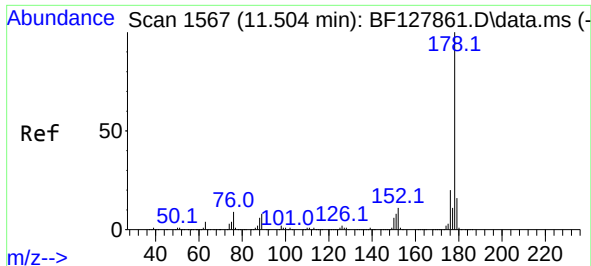


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15



Tgt Ion:188 Resp: 348476
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 8.3 8.9 13.3#





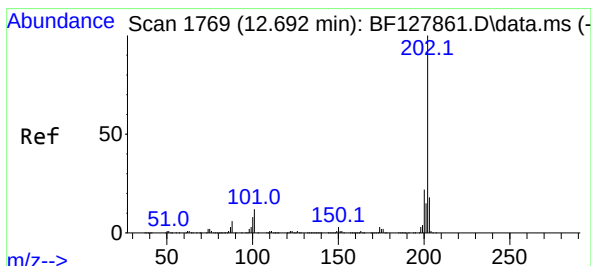
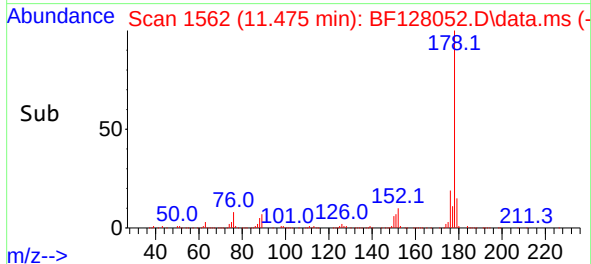
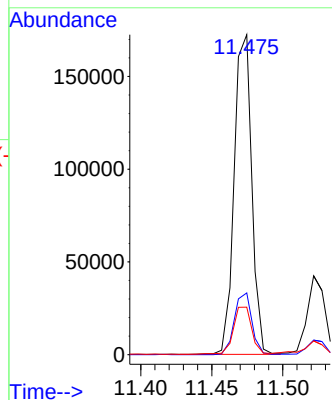
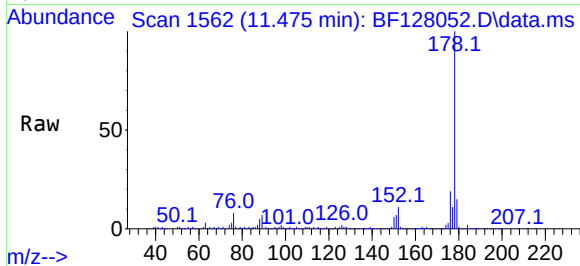
#71
Phenanthrene
Concen: 8.138 ng
RT: 11.475 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:178 Resp: 14845
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 14.8 12.6 19.0

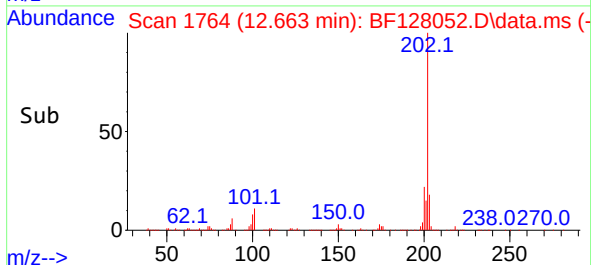
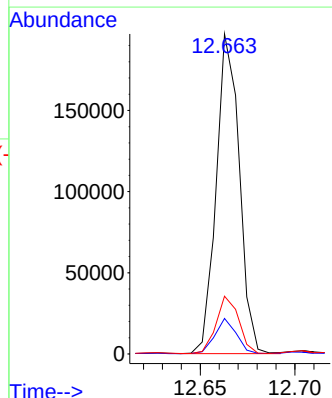
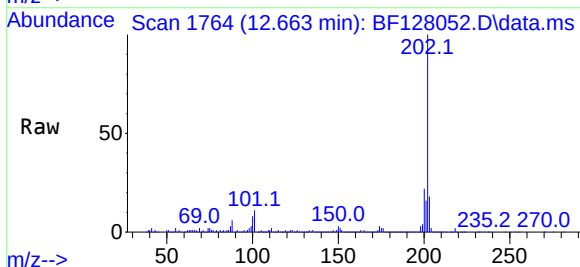
Manual Integrations
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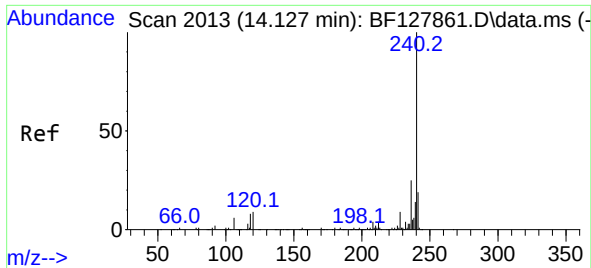
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#75
Fluoranthene
Concen: 8.712 ng
RT: 12.663 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:202 Resp: 167251
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.6
203 18.0 0.0 38.1





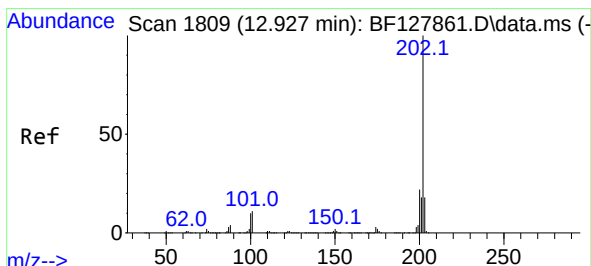
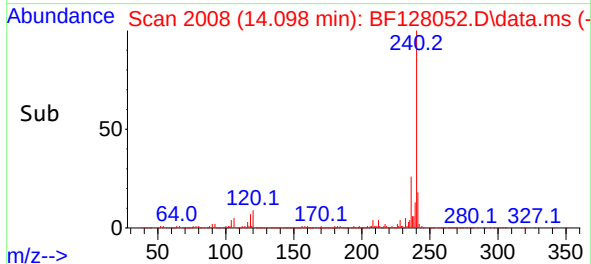
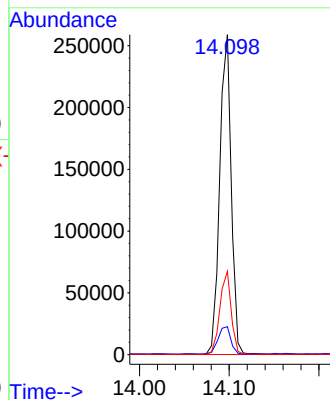
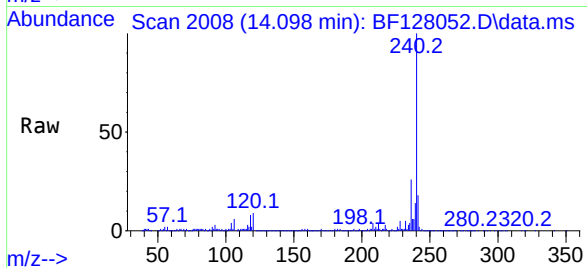
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:240 Resp: 23039
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.1 20.3 30.5

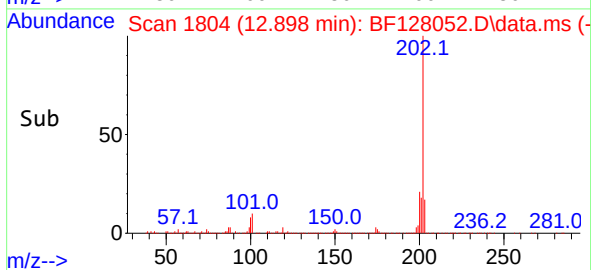
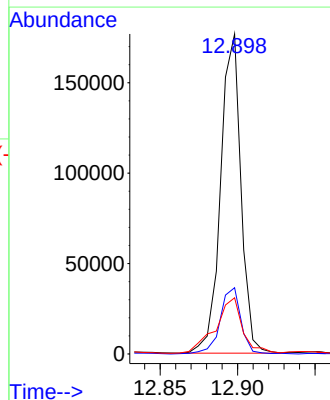
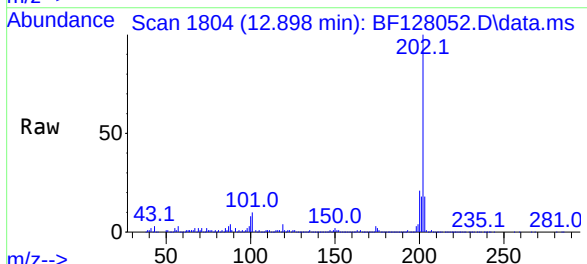
Manual Integrations
APPROVED

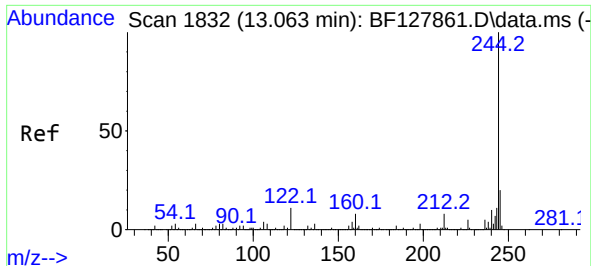
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#78
Pyrene
Concen: 8.661 ng
RT: 12.898 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:202 Resp: 161076
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.5 14.0 21.0





#79
 Terphenyl-d14
 Concen: 14.818 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128052.D
 Acq: 03 May 2022 18:15

Instrument :

BNA_F

ClientSampleId :

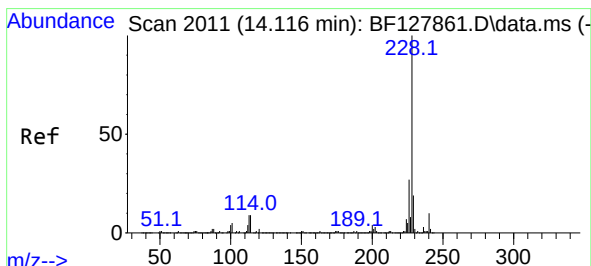
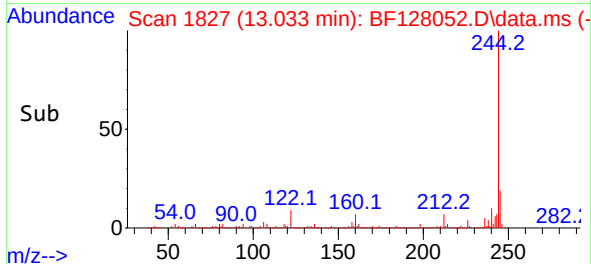
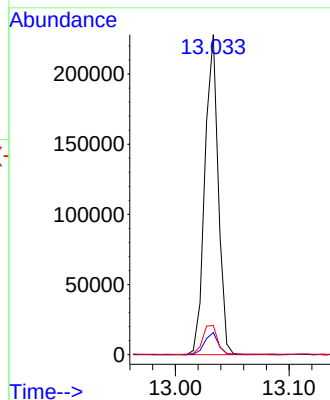
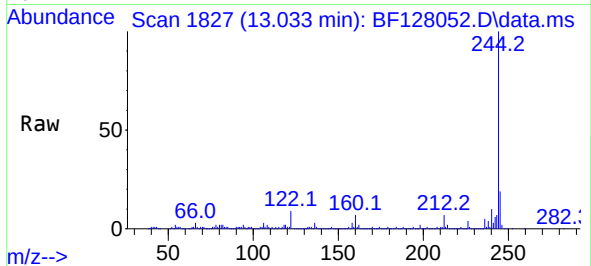
JC-01-042822DL

Tgt Ion:244 Resp: 186702
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 9.1 8.6 12.8

Manual Integrations

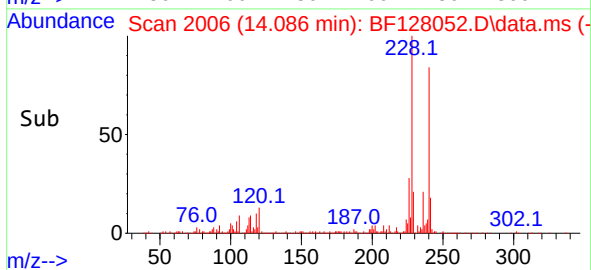
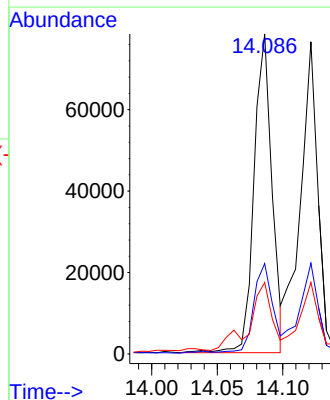
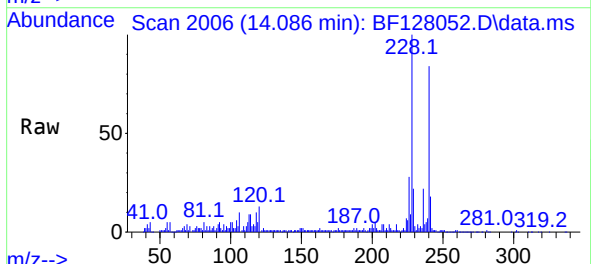
APPROVED

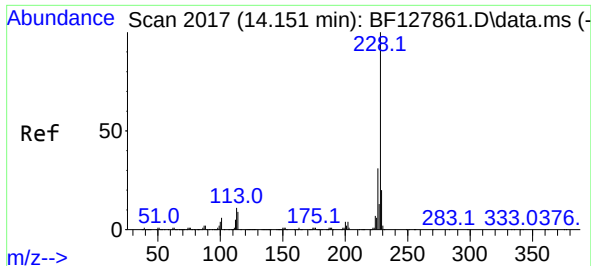
Reviewed By :Christian Giraldo 05/04/2022
 Supervised By :Jagrut Upadhyay 05/04/2022



#81
 Benzo(a)anthracene
 Concen: 4.857 ng
 RT: 14.086 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: BF128052.D
 Acq: 03 May 2022 18:15

Tgt Ion:228 Resp: 74586
 Ion Ratio Lower Upper
 228 100
 226 28.2 21.7 32.5
 229 22.3 15.4 23.2





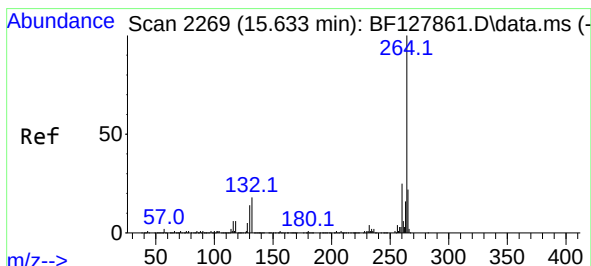
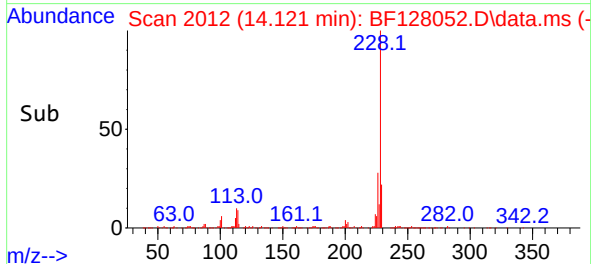
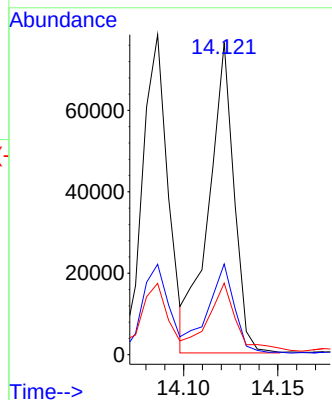
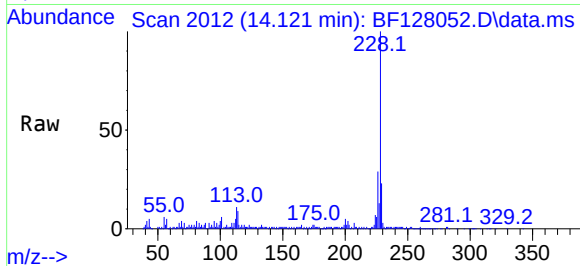
#83
Chrysene
Concen: 4.857 ng m
RT: 14.121 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:228 Resp: 7122
Ion Ratio Lower Upper
228 100
226 29.1 24.4 36.6
229 22.9 15.8 23.8

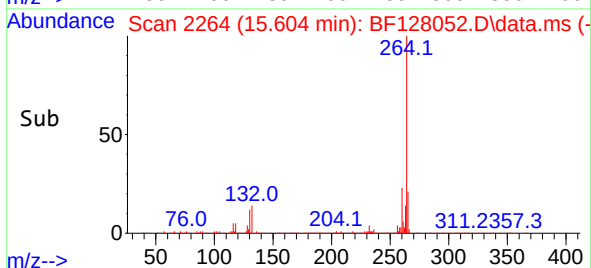
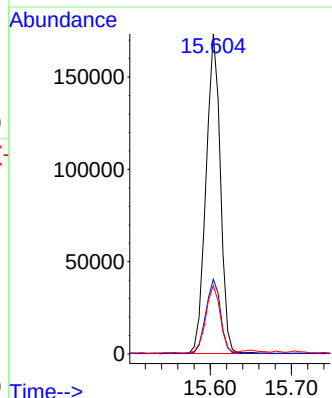
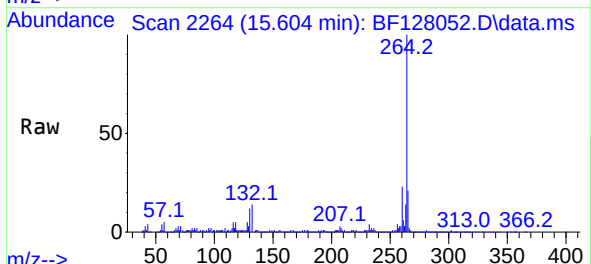
Manual Integrations
APPROVED

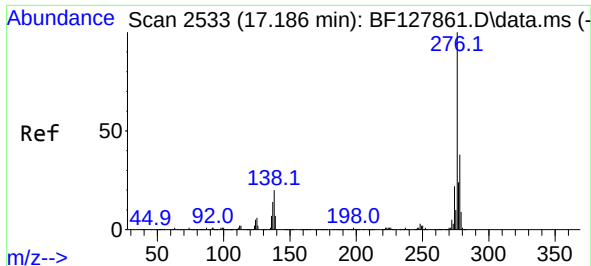
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:264 Resp: 211900
Ion Ratio Lower Upper
264 100
260 23.3 20.1 30.1
265 21.4 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.337 ng
RT: 17.133 min Scan# 2188
Delta R.T. -0.029 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :

BNA_F

ClientSampleId :

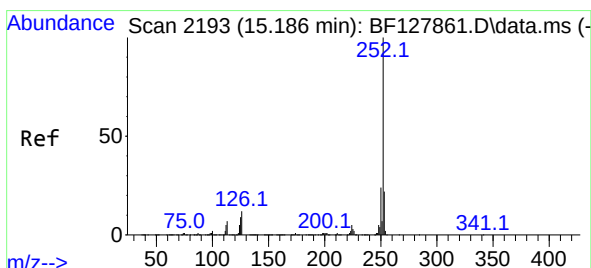
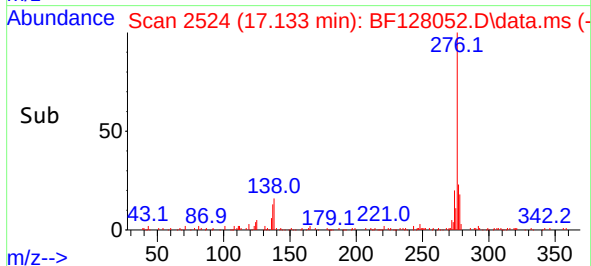
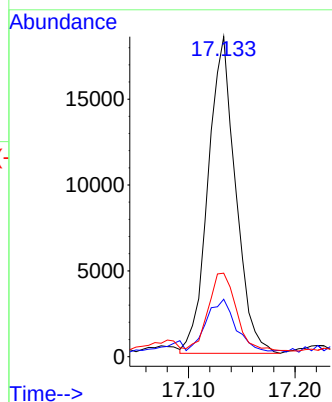
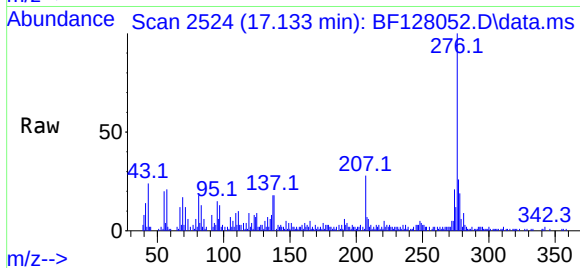
JC-01-042822DL

Tgt Ion:276 Resp: 33049
Ion Ratio Lower Upper
276 100
138 17.0 19.0 28.4
277 25.0 20.1 30.1

Manual Integrations

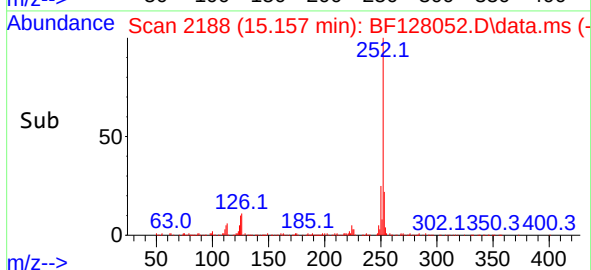
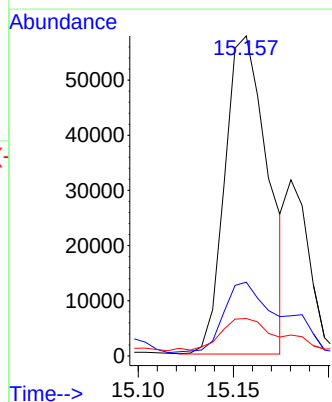
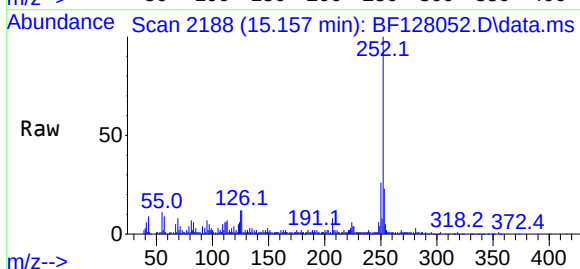
APPROVED

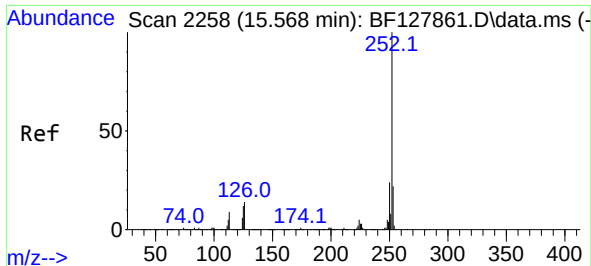
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#88
Benzo(b)fluoranthene
Concen: 6.817 ng m
RT: 15.157 min Scan# 2188
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

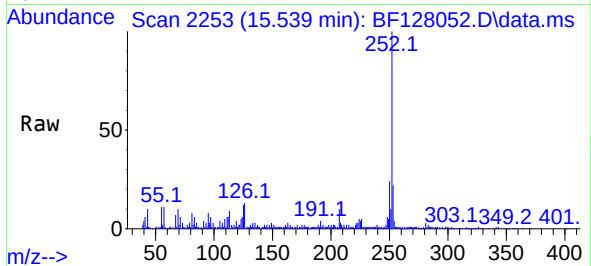
Tgt Ion:252 Resp: 90725
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 11.7 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 5.647 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

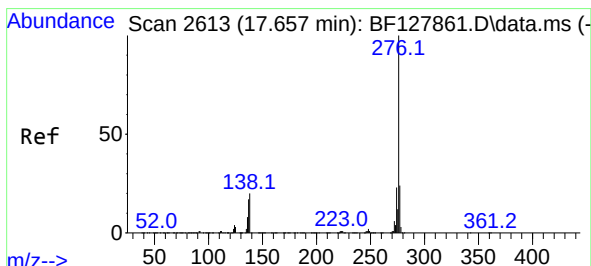
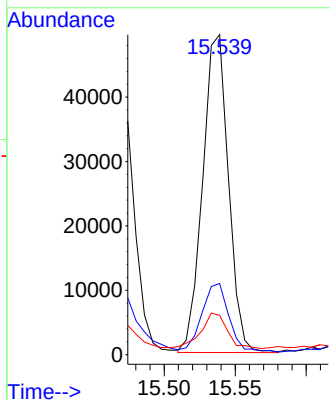
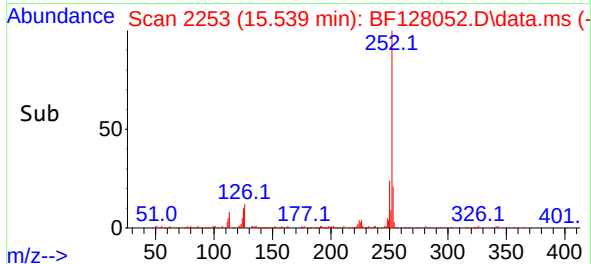
Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL



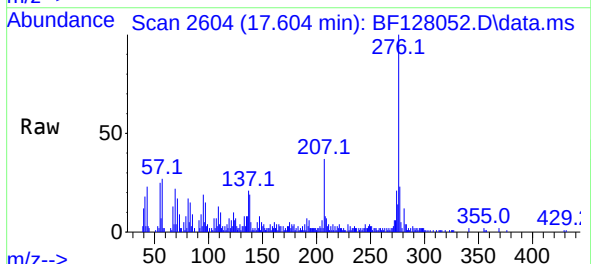
Tgt Ion:252 Resp: 62339
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.3 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#92
Benzo(g,h,i)perylene
Concen: 2.583 ng
RT: 17.604 min Scan# 2604
Delta R.T. -0.029 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15



Tgt Ion:276 Resp: 30880
Ion Ratio Lower Upper
276 100
277 22.8 18.8 28.2
138 18.9 16.2 24.2

