

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128724.D
 Acq On : 07 Jun 2022 19:16
 Operator : CG\JU
 Sample : N3197-01DL 20X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-3-060322DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 08 00:27:28 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	77948	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	268763	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	133887	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	207232	20.000	ng	0.00
76) Chrysene-d12	13.998	240	184969	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	193830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	13858	2.832	ng	0.00
7) Phenol-d6	6.498	99	16718	2.799	ng	0.00
23) Nitrobenzene-d5	7.381	82	11703	2.027	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	3025	1.912	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	21858	2.287	ng	-0.01
79) Terphenyl-d14	12.933	244	17060	1.603	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.374	178	150617	14.490	ng	99
72) Anthracene	11.427	178	55686	5.413	ng	98
75) Fluoranthene	12.569	202	366236	33.707	ng	95
78) Pyrene	12.798	202	316407	22.992	ng	96
81) Benzo(a)anthracene	13.986	228	183413	15.908	ng	99
83) Chrysene	14.021	228	139578	12.698	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	88804	7.601	ng	# 88
88) Benzo(b)fluoranthene	15.039	252	220175m	17.777	ng	
89) Benzo(k)fluoranthene	15.062	252	58571m	5.027	ng	
90) Benzo(a)pyrene	15.404	252	159072m	16.341	ng	
91) Dibenzo(a,h)anthracene	16.927	278	21736m	2.243	ng	
92) Benzo(g,h,i)perylene	17.362	276	79253	8.252	ng	# 91

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

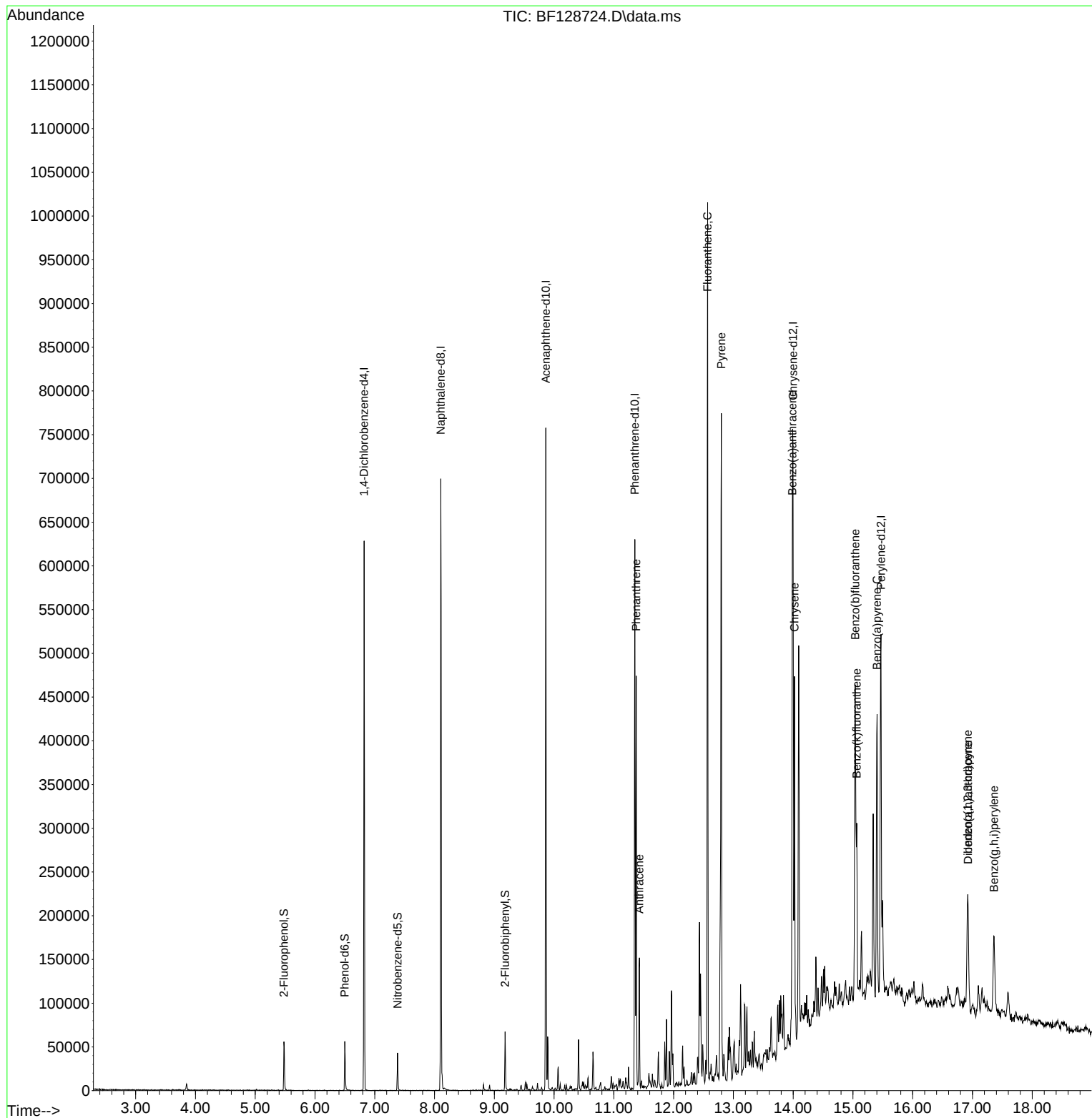
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128724.D
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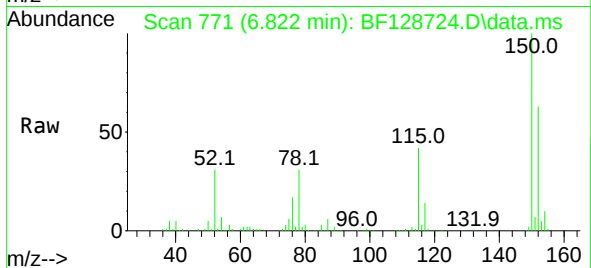
Quant Time: Jun 08 00:27:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16

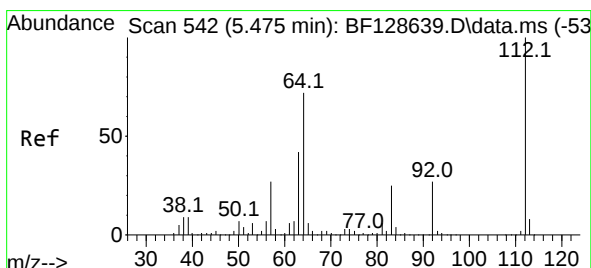
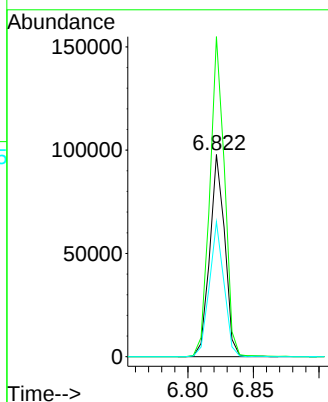
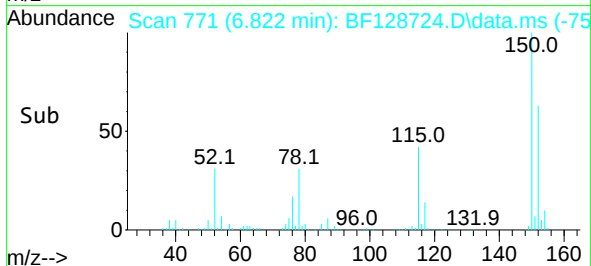
Instrument :
BNA_F
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SU-3-060322DL



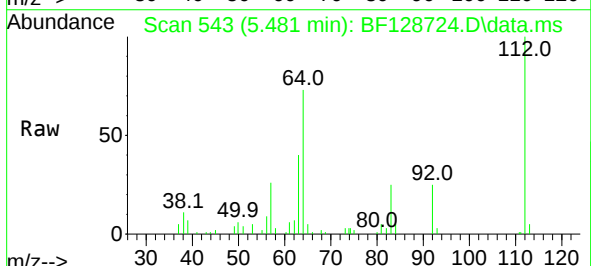
Tgt Ion:152 Resp: 77948
Ion Ratio Lower Upper
152 100
150 158.4 123.7 185.5
115 66.7 49.9 74.9

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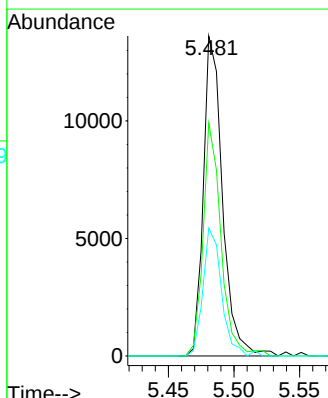
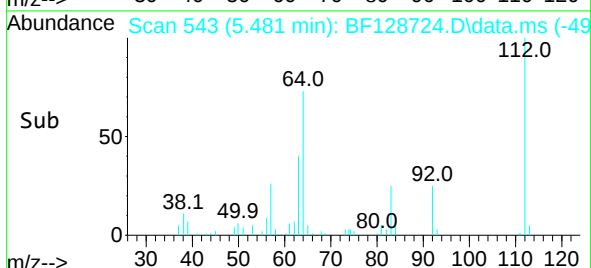
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#5
2-Fluorophenol
Concen: 2.832 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.006 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16



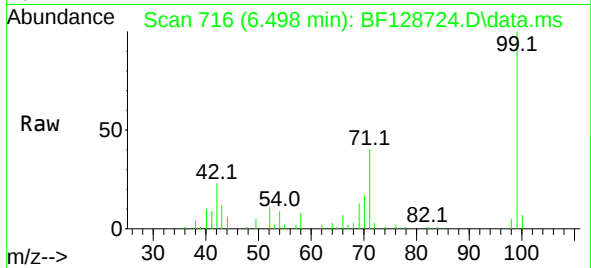
Tgt Ion:112 Resp: 13858
Ion Ratio Lower Upper
112 100
64 72.9 53.3 79.9
63 39.9 28.0 42.0





#7
Phenol-d6
Concen: 2.799 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16

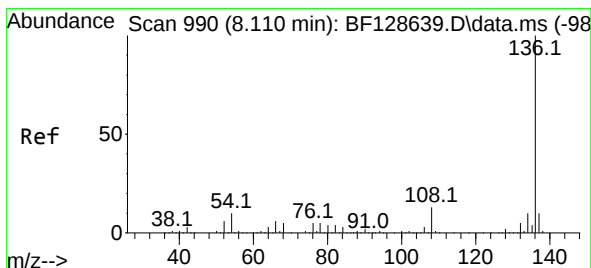
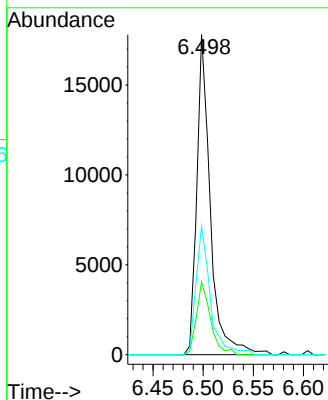
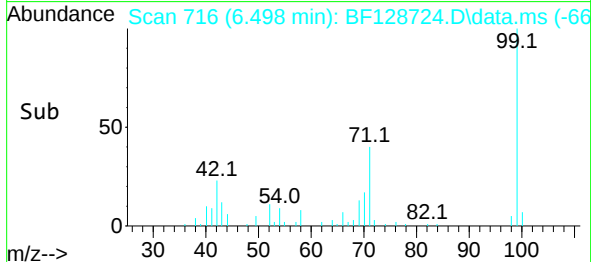
Instrument :
BNA_F
ClientSampleId :
SU-3-060322DL



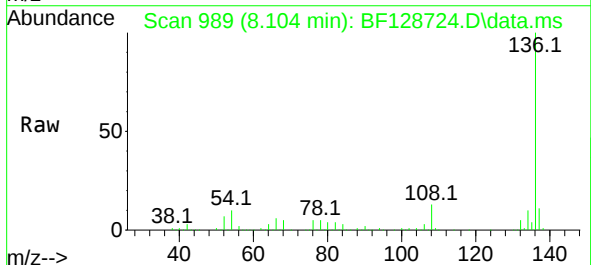
Tgt Ion: 99 Resp: 16718
Ion Ratio Lower Upper
99 100
42 22.8 17.3 25.9
71 40.2 28.9 43.3

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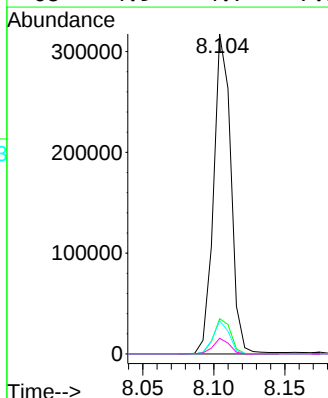
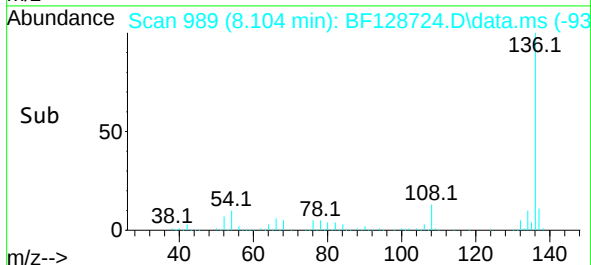
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16



Tgt Ion:136 Resp: 268763
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.4 7.5 11.3
68 4.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 2.027 ng

RT: 7.381 min Scan# 80

Delta R.T. -0.011 min

Lab File: BF128724.D

Acq: 07 Jun 2022 19:16

Instrument :

BNA_F

ClientSampleId :

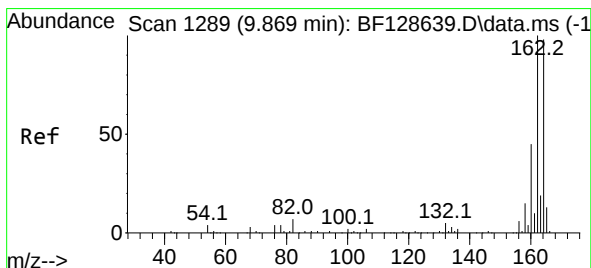
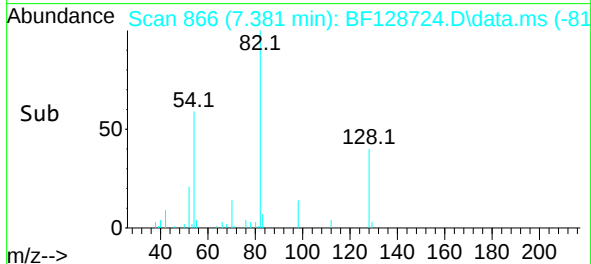
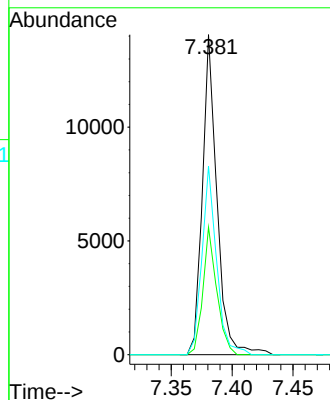
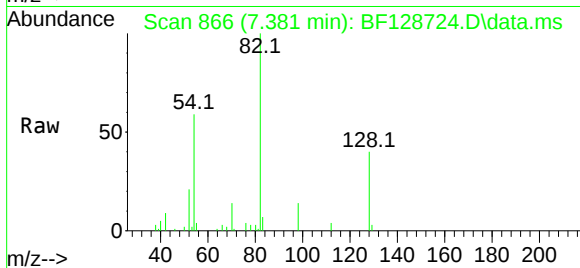
SU-3-060322DL

Tgt Ion: 82	Resp: 1170
Ion Ratio	Lower Upper
82	100
128	39.9 34.0 51.0
54	58.9 46.9 70.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

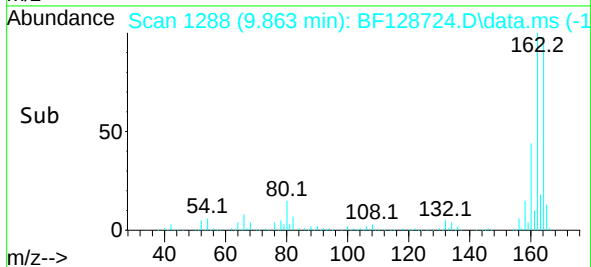
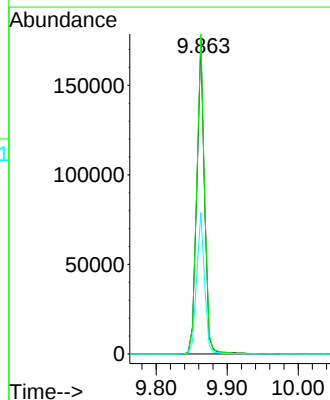
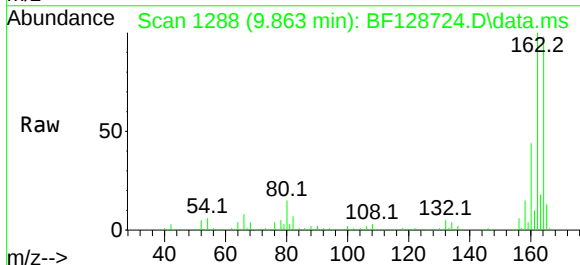
RT: 9.863 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF128724.D

Acq: 07 Jun 2022 19:16

Tgt Ion:164	Resp: 133887
Ion Ratio	Lower Upper
164	100
162	101.8 79.5 119.3
160	45.0 34.2 51.4





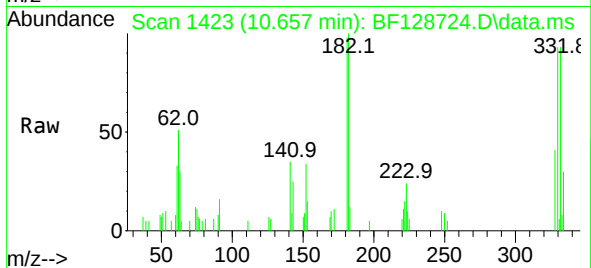
#42
2,4,6-Tribromophenol
Concen: 1.912 ng
RT: 10.657 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16

Instrument :

BNA_F

ClientSampleId :

SU-3-060322DL

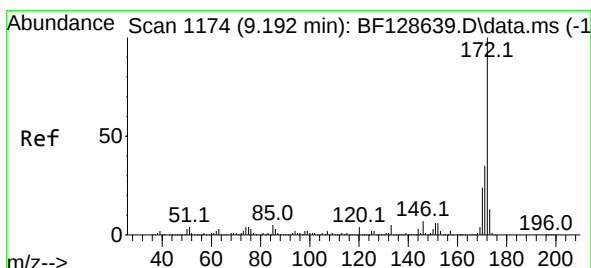
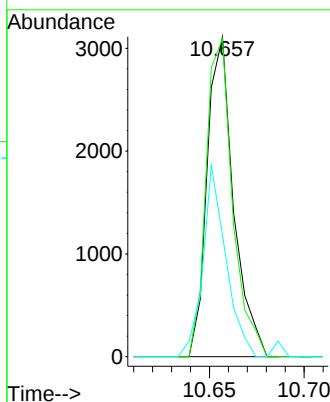
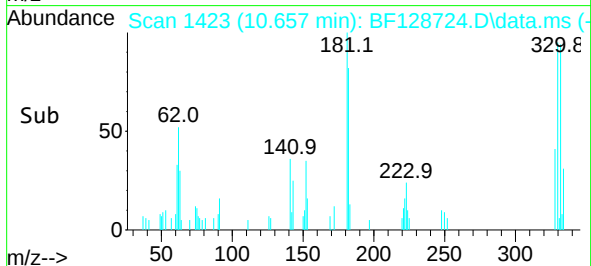


Tgt Ion: 330 Resp: 3029
Ion Ratio Lower Upper
330 100
332 99.7 76.8 115.2
141 51.9 28.0 42.0

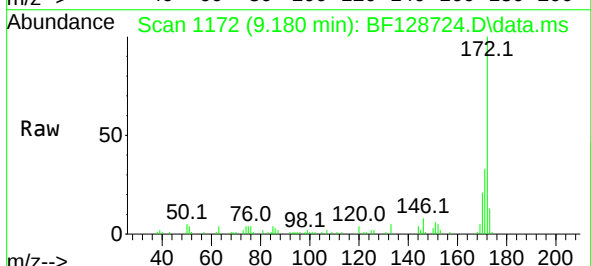
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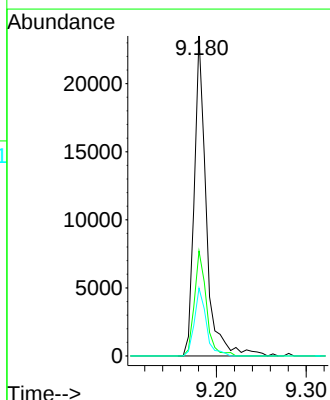
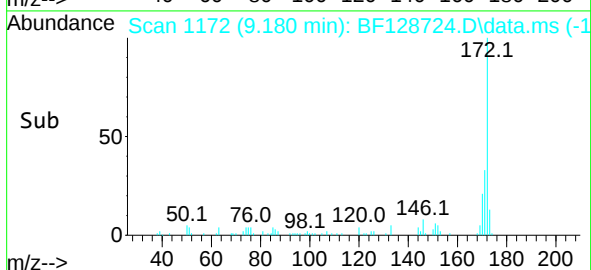
Reviewed By : Christian Giraldo 06/08/2022
Supervised By : Jagrut Upadhyay 06/08/2022

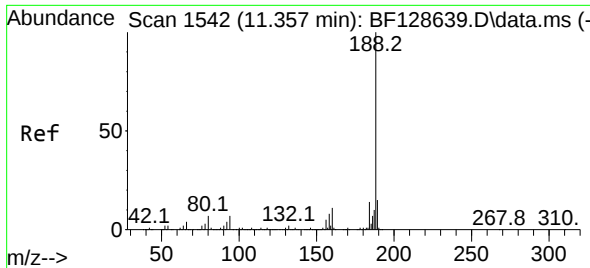


#45
2-Fluorobiphenyl
Concen: 2.287 ng
RT: 9.180 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16



Tgt Ion: 172 Resp: 21858
Ion Ratio Lower Upper
172 100
171 32.8 28.8 43.2
170 21.2 19.8 29.8





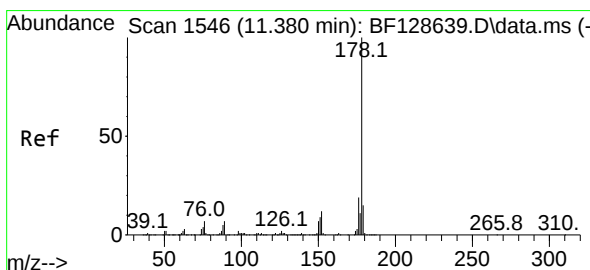
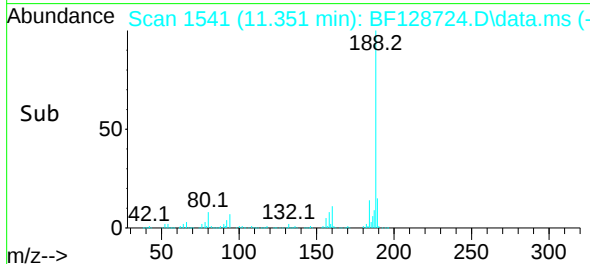
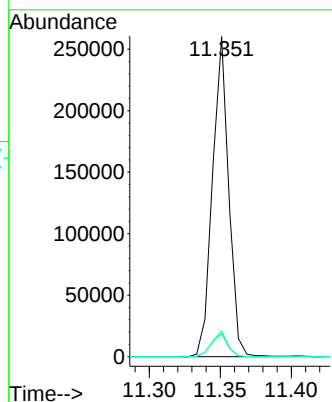
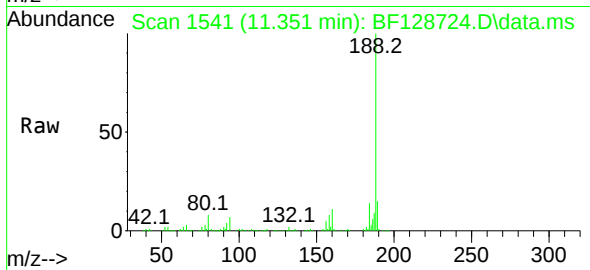
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16

Instrument :
BNA_F
ClientSampleId :
SU-3-060322DL

Tgt Ion:188 Resp: 20723
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.0 7.6 11.4

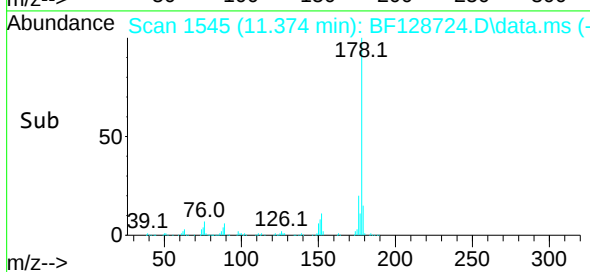
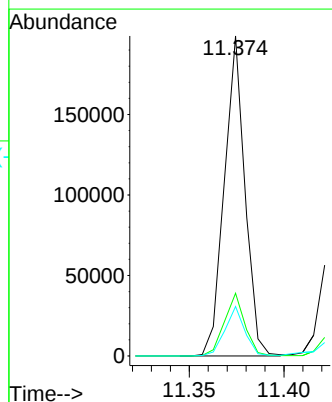
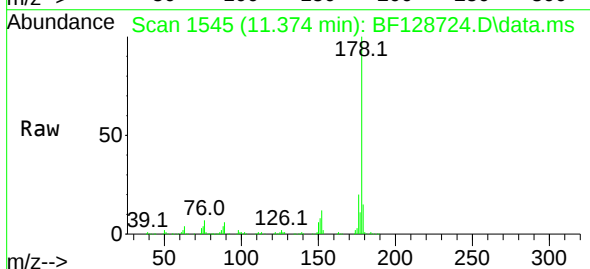
Manual Integrations
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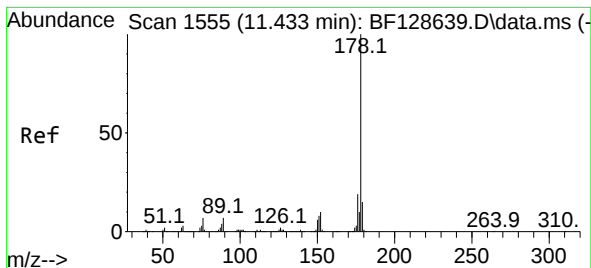
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#71
Phenanthrene
Concen: 14.490 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16

Tgt Ion:178 Resp: 150617
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.5 12.6 19.0





#72

Anthracene

Concen: 5.413 ng

RT: 11.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128724.D

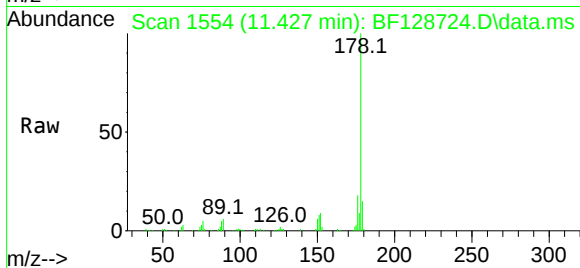
Acq: 07 Jun 2022 19:16

Instrument :

BNA_F

ClientSampleId :

SU-3-060322DL



Tgt Ion:178 Resp: 5568

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

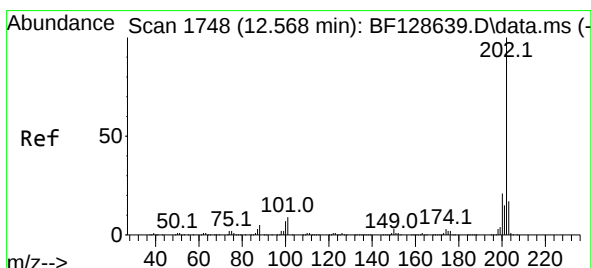
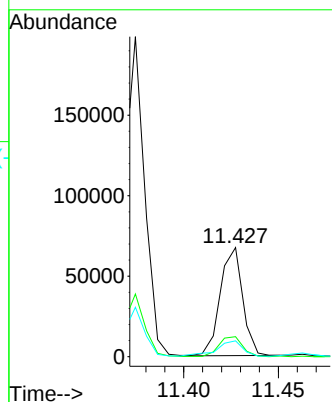
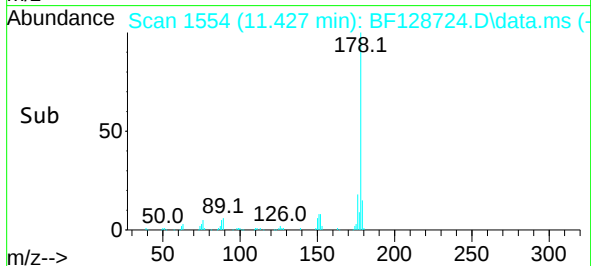
179 14.6 12.6 19.0

Manual Integrations

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#75

Fluoranthene

Concen: 33.707 ng

RT: 12.569 min Scan# 1748

Delta R.T. 0.000 min

Lab File: BF128724.D

Acq: 07 Jun 2022 19:16

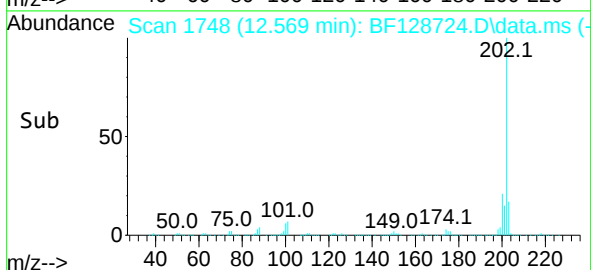
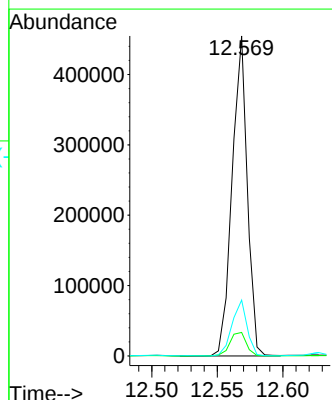
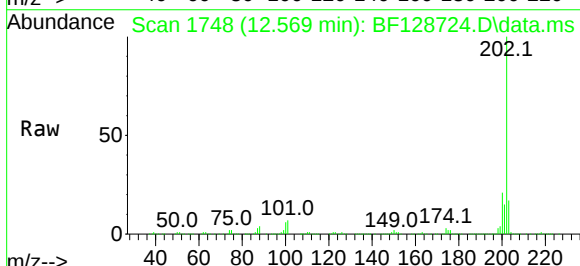
Tgt Ion:202 Resp: 366236

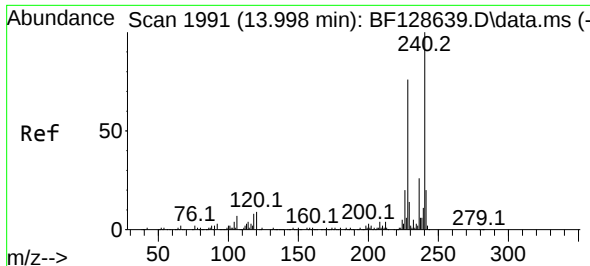
Ion Ratio Lower Upper

202 100

101 7.3 0.0 31.4

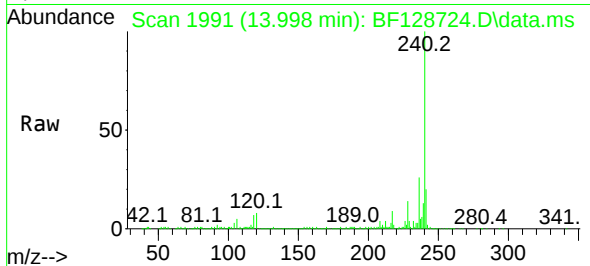
203 17.4 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16

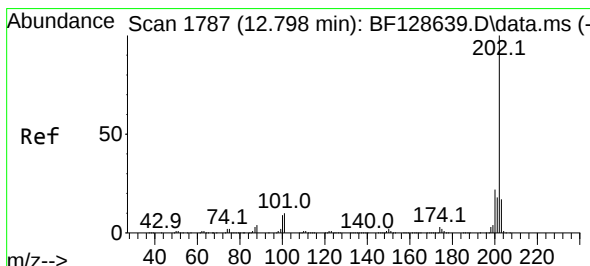
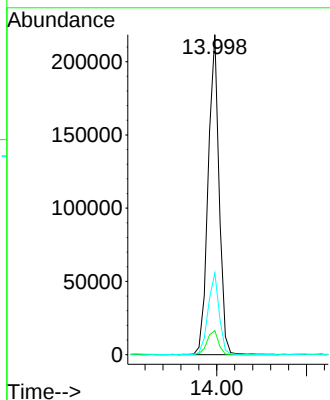
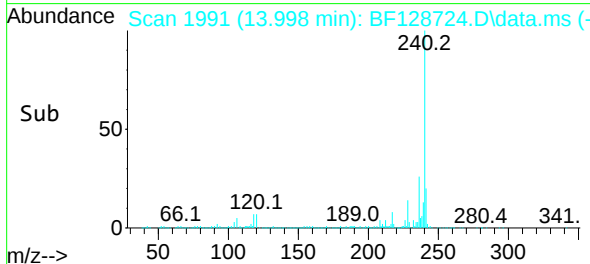
Instrument :
BNA_F
ClientSampleId :
SU-3-060322DL



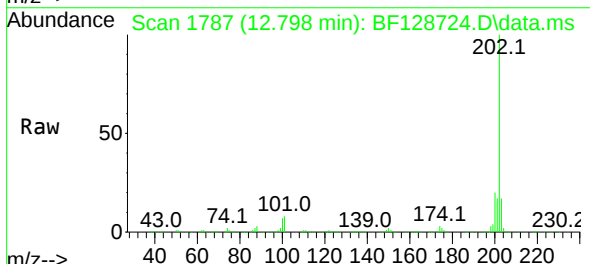
Tgt Ion:240 Resp: 184969
Ion Ratio Lower Upper
240 100
120 7.5 8.9 13.3
236 25.6 20.8 31.2

Manual Integrations
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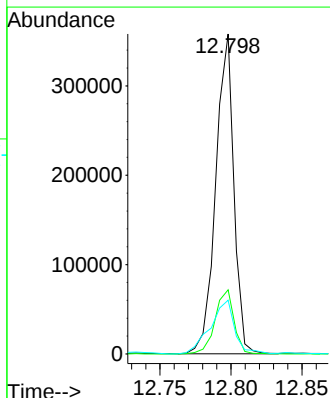
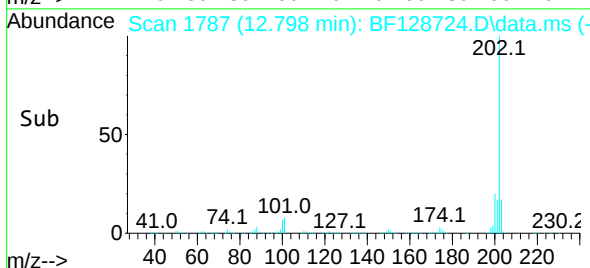
Reviewed By :Christian Giraldo 06/08/2022
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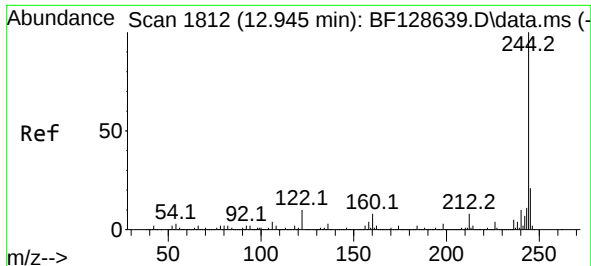


#78
Pyrene
Concen: 22.992 ng
RT: 12.798 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16



Tgt Ion:202 Resp: 316407
Ion Ratio Lower Upper
202 100
200 20.1 17.7 26.5
203 16.8 14.6 21.8





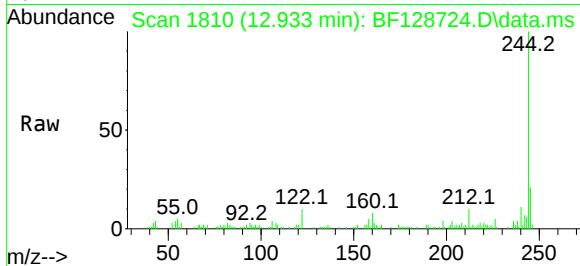
#79
 Terphenyl-d14
 Concen: 1.603 ng
 RT: 12.933 min Scan# 1810
 Delta R.T. -0.012 min
 Lab File: BF128724.D
 Acq: 07 Jun 2022 19:16

Instrument :

BNA_F

ClientSampleId :

SU-3-060322DL

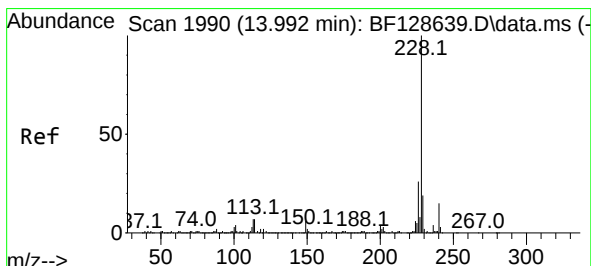
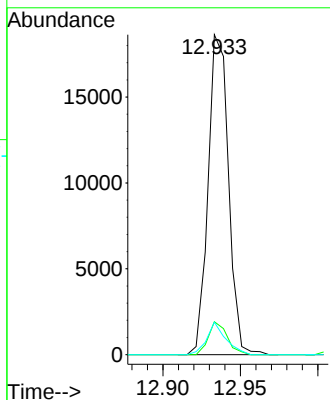
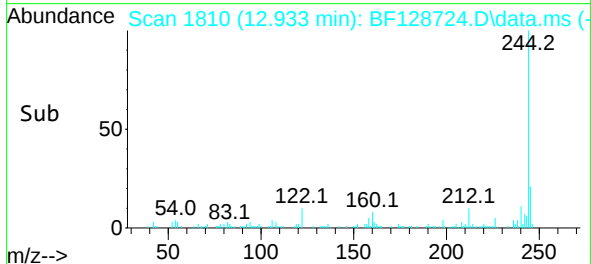


Tgt Ion:244 Resp: 17060
 Ion Ratio Lower Upper
 244 100
 212 10.3 6.1 9.1
 122 10.2 8.8 13.2

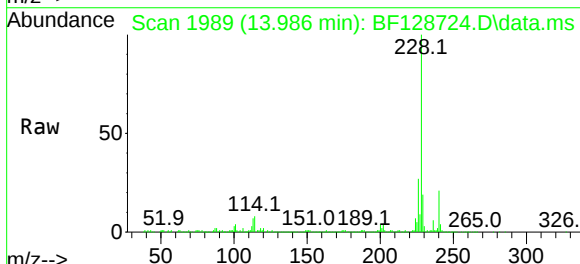
Manual Integrations

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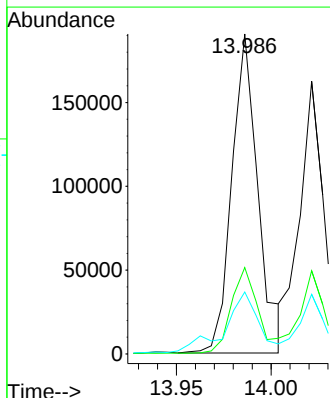
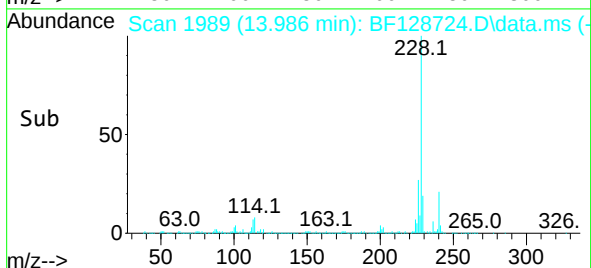
Reviewed By :Christian Giraldo 06/08/2022
 Supervised By :Jagrut Upadhyay 06/08/2022

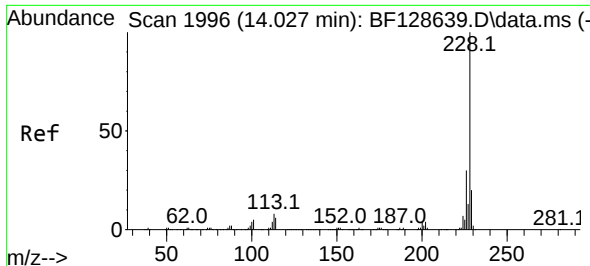


#81
 Benzo(a)anthracene
 Concen: 15.908 ng
 RT: 13.986 min Scan# 1989
 Delta R.T. -0.006 min
 Lab File: BF128724.D
 Acq: 07 Jun 2022 19:16



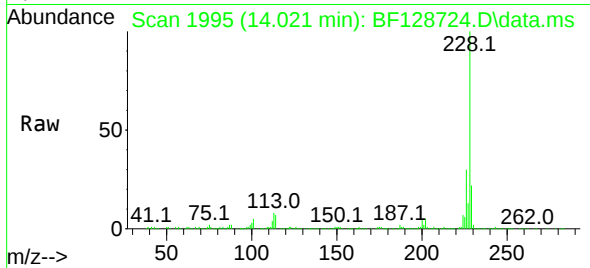
Tgt Ion:228 Resp: 183413
 Ion Ratio Lower Upper
 228 100
 226 27.0 22.1 33.1
 229 19.4 15.8 23.8





#83
Chrysene
Concen: 12.698 ng
RT: 14.021 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16

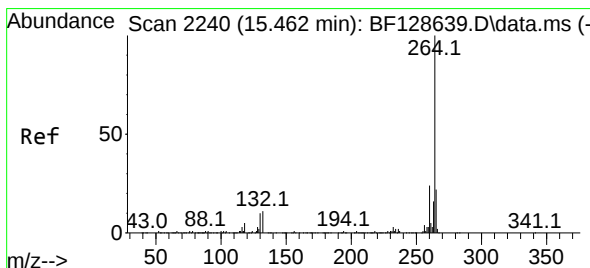
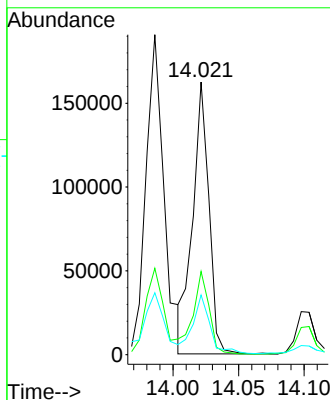
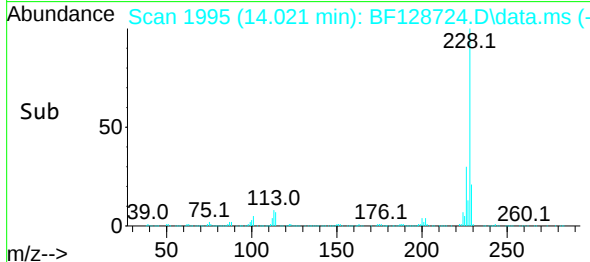
Instrument :
BNA_F
ClientSampleId :
SU-3-060322DL



Tgt Ion:228 Resp: 139578
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 21.9 15.9 23.9

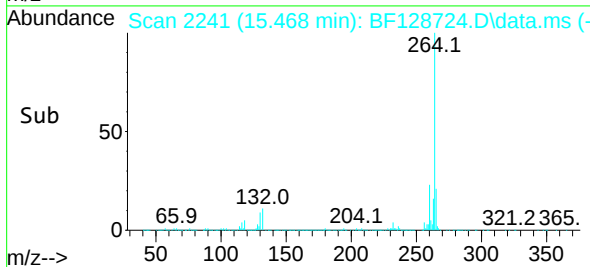
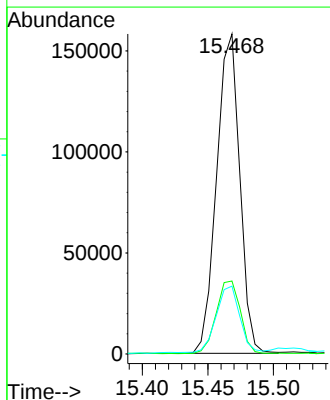
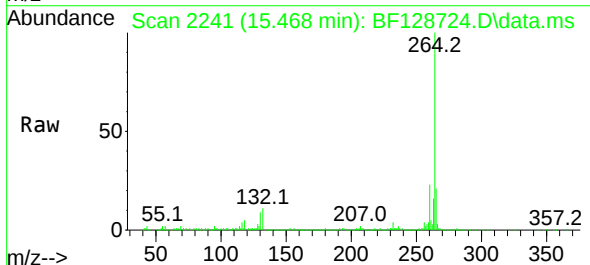
Manual Integrations
APPROVED

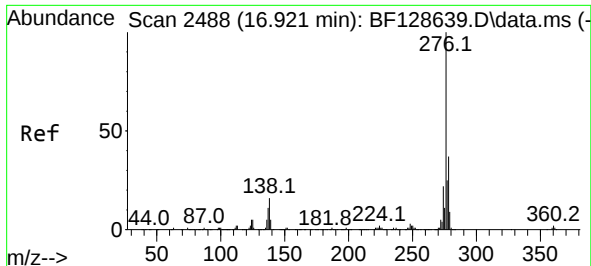
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. 0.006 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16

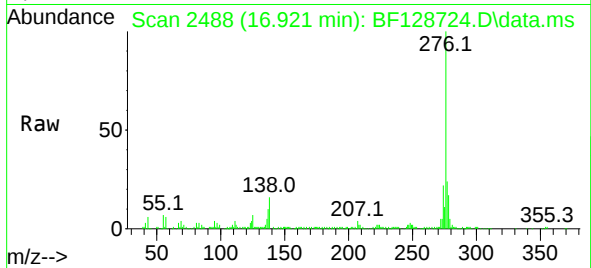
Tgt Ion:264 Resp: 193830
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 21.2 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.601 ng
RT: 16.921 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16

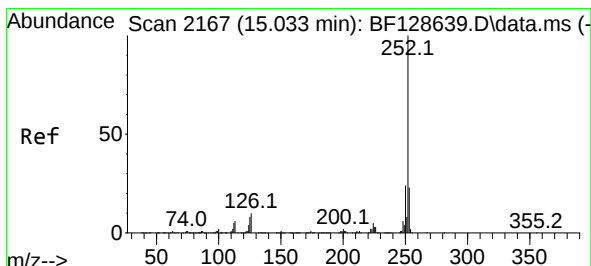
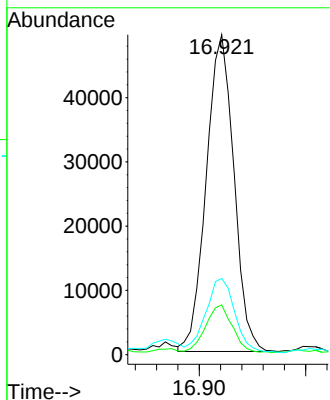
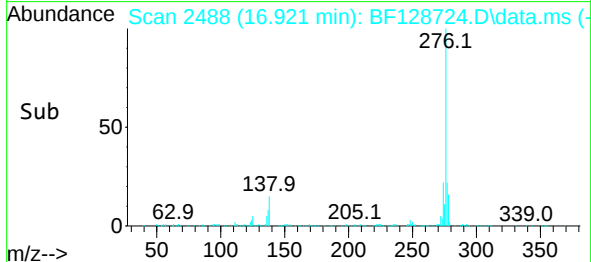
Instrument :
BNA_F
ClientSampleId :
SU-3-060322DL



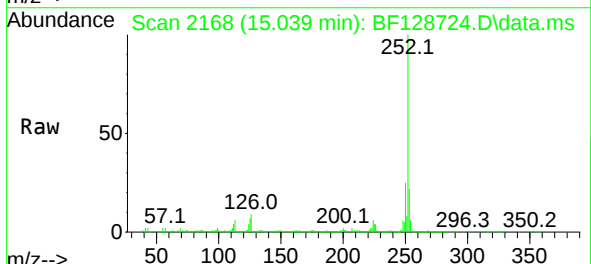
Tgt Ion: 276 Resp: 88804
Ion Ratio Lower Upper
276 100
138 14.6 21.1 31.7
277 24.9 20.3 30.5

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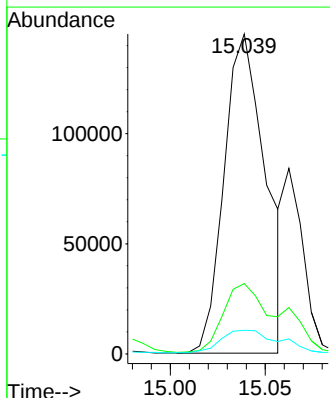
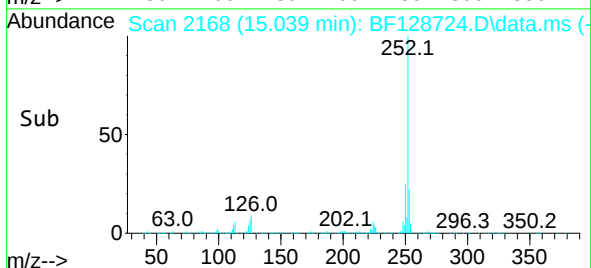
Reviewed By : Christian Giraldo 06/08/2022
Supervised By : Jagrut Upadhyay 06/08/2022

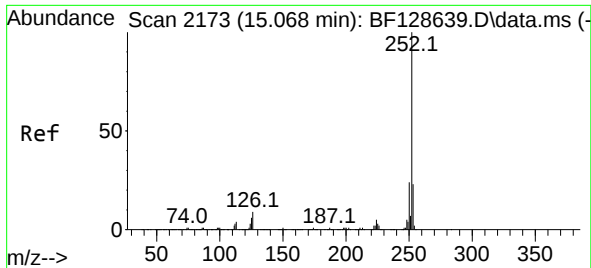


#88
Benzo(b)fluoranthene
Concen: 17.777 ng m
RT: 15.039 min Scan# 2168
Delta R.T. 0.006 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16



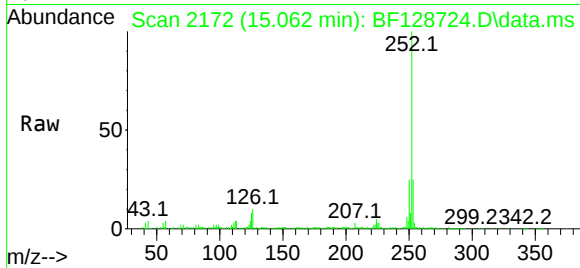
Tgt Ion: 252 Resp: 220175
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 7.4 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 5.027 ng m
RT: 15.062 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16

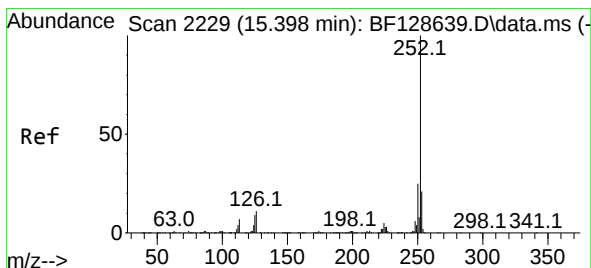
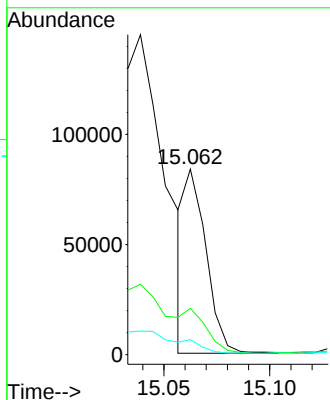
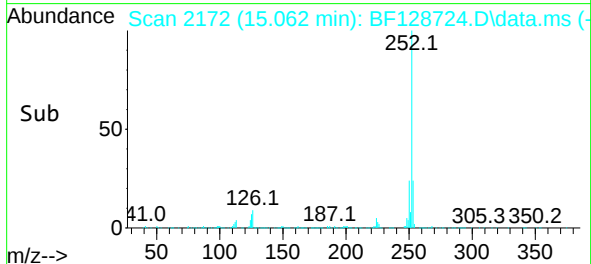
Instrument :
BNA_F
ClientSampleId :
SU-3-060322DL



Tgt Ion:252 Resp: 58572
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.6
125 8.2 8.3 12.5

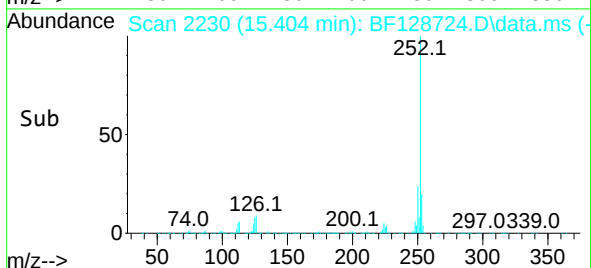
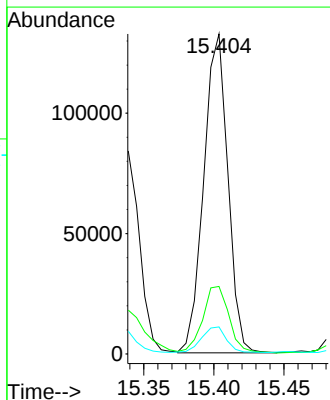
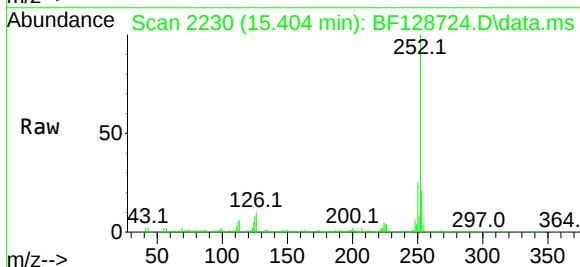
Manual Integrations
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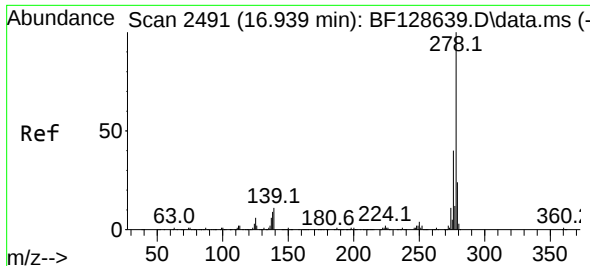
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#90
Benzo(a)pyrene
Concen: 16.341 ng m
RT: 15.404 min Scan# 2230
Delta R.T. 0.006 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16

Tgt Ion:252 Resp: 159072
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 8.4 8.8 13.2





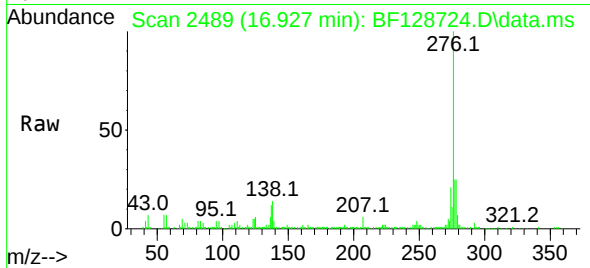
#91
Dibenzo(a,h)anthracene
Concen: 2.243 ng m
RT: 16.927 min Scan# 2491
Delta R.T. -0.012 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16

Instrument :

BNA_F

ClientSampleId :

SU-3-060322DL

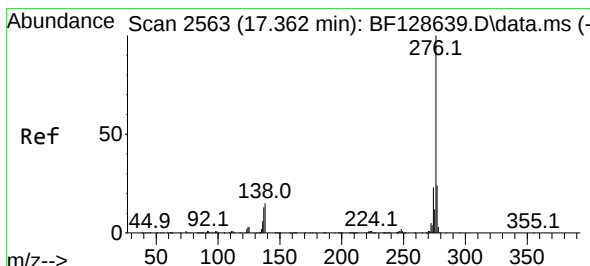
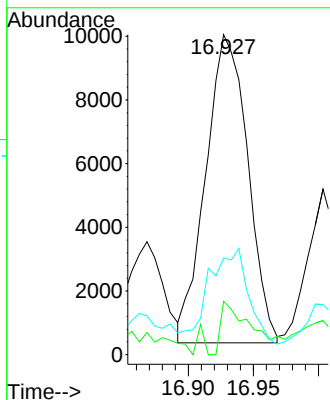
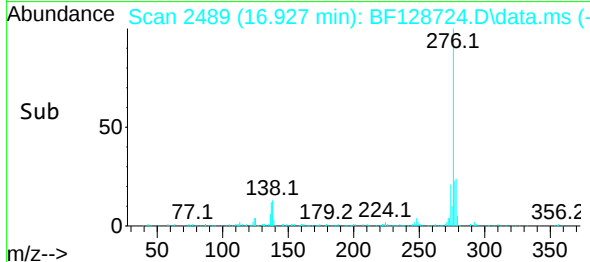


Tgt Ion:278 Resp: 21730
Ion Ratio Lower Upper
278 100
139 16.7 12.8 19.2
279 30.2 18.6 28.0

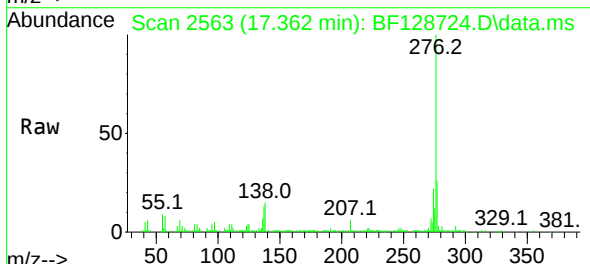
Manual Integrations

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



#92
Benzo(g,h,i)perylene
Concen: 8.252 ng
RT: 17.362 min Scan# 2563
Delta R.T. 0.000 min
Lab File: BF128724.D
Acq: 07 Jun 2022 19:16



Tgt Ion:276 Resp: 79253
Ion Ratio Lower Upper
276 100
277 25.7 19.1 28.7
138 15.1 18.0 27.0

