

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
 Data File : BF128830.D
 Acq On : 15 Jun 2022 17:22
 Operator : CG\JU
 Sample : N3348-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-5-061422

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/16/2022
 Supervised By :mohammad ahmed 06/22/2022

Quant Time: Jun 16 03:57:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	78580	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	242943	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	120613	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	212178	20.000	ng	0.00
76) Chrysene-d12	13.963	240	147154	20.000	ng	0.00
86) Perylene-d12	15.421	264	110698	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	355816	72.125	ng	0.00
7) Phenol-d6	6.440	99	447065	74.239	ng	0.00
23) Nitrobenzene-d5	7.345	82	300319	57.554	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	54078	37.947	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	478930	55.623	ng	0.00
79) Terphenyl-d14	12.921	244	478698	56.526	ng	0.02
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	43587	4.096	ng	98
75) Fluoranthene	12.539	202	70255m	6.315	ng	
78) Pyrene	12.774	202	93954m	8.582	ng	
81) Benzo(a)anthracene	13.957	228	35040	3.820	ng	# 84
83) Chrysene	13.992	228	43632	4.989	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.868	276	18131m	2.717	ng	
88) Benzo(b)fluoranthene	14.998	252	47868m	6.767	ng	
89) Benzo(k)fluoranthene	15.021	252	15731m	2.364	ng	
90) Benzo(a)pyrene	15.357	252	29011	5.218	ng	# 77
92) Benzo(g,h,i)perylene	17.309	276	19997	3.646	ng	# 84

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

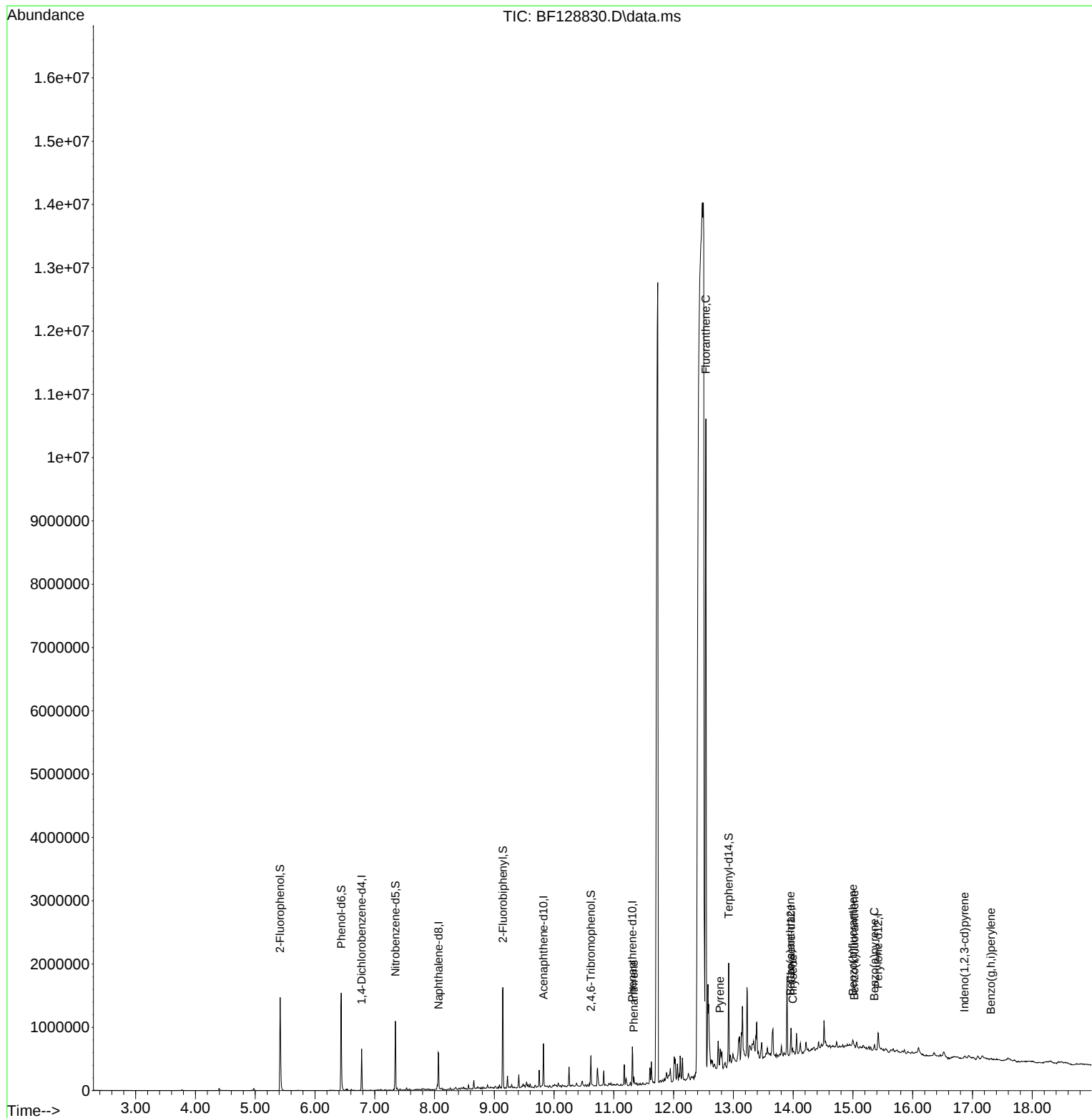
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
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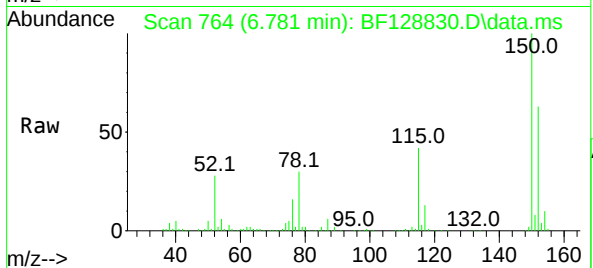
Quant Time: Jun 16 03:57:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 14:53:53 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

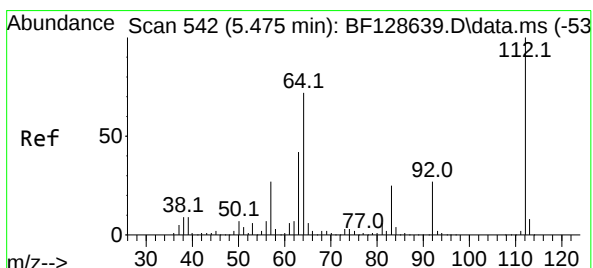
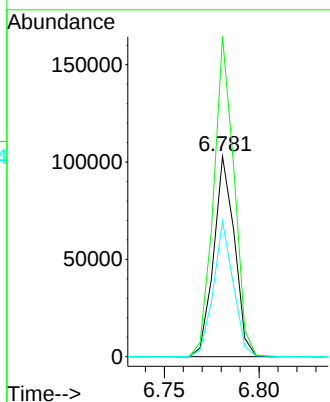
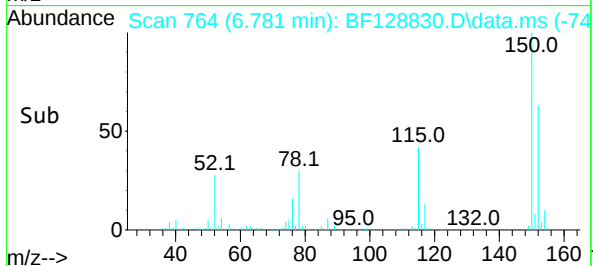
Instrument :
BNA_F
ClientSampleId :
TR-5-061422



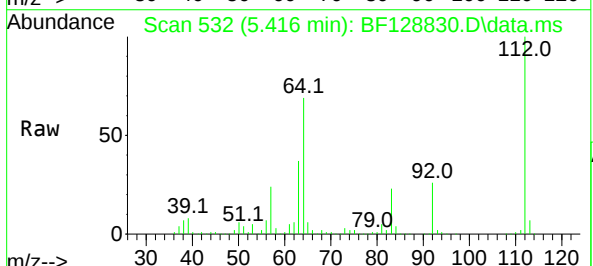
Tgt Ion:152 Resp: 78580
Ion Ratio Lower Upper
152 100
150 159.7 123.7 185.5
115 67.8 49.9 74.9

Manual Integrations
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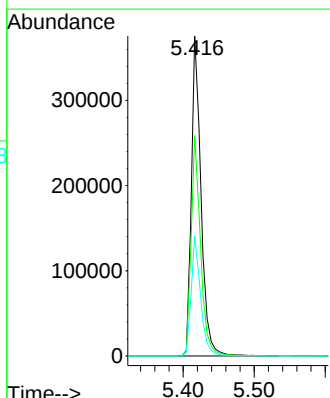
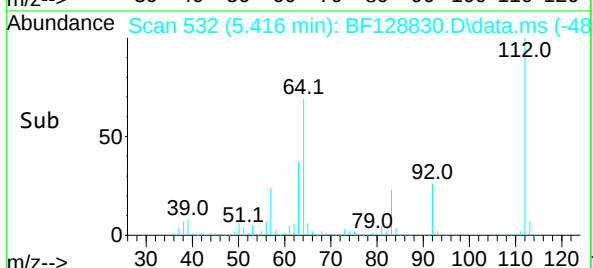
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022

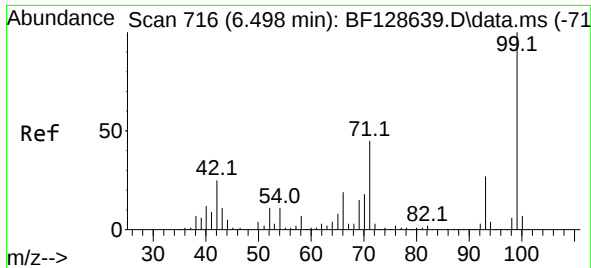


#5
2-Fluorophenol
Concen: 72.125 ng
RT: 5.416 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22



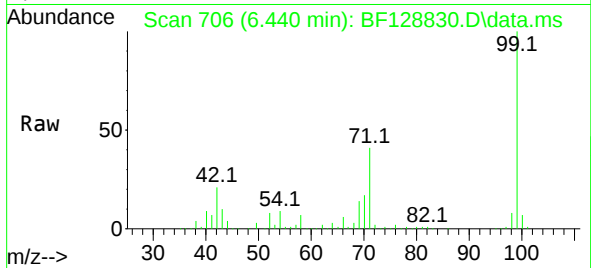
Tgt Ion:112 Resp: 355816
Ion Ratio Lower Upper
112 100
64 68.8 53.3 79.9
63 37.4 28.0 42.0





#7
Phenol-d6
Concen: 74.239 ng
RT: 6.440 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

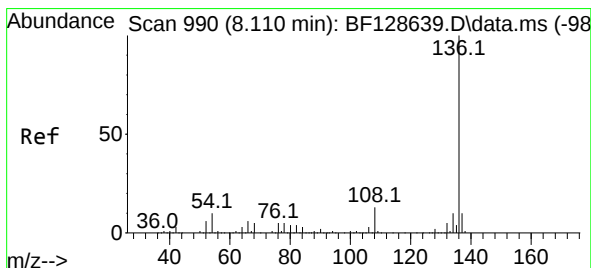
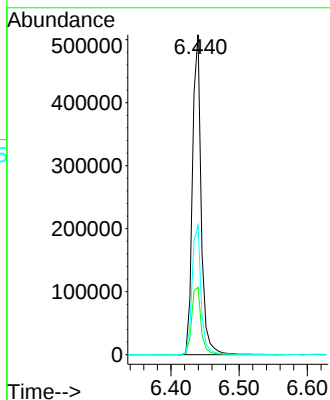
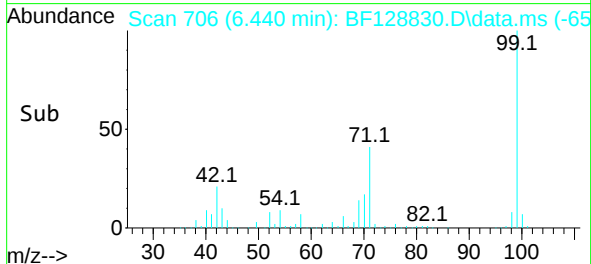
Instrument :
BNA_F
ClientSampleId :
TR-5-061422



Tgt Ion: 99 Resp: 44706
Ion Ratio Lower Upper
99 100
42 21.1 17.3 25.9
71 40.6 28.9 43.3

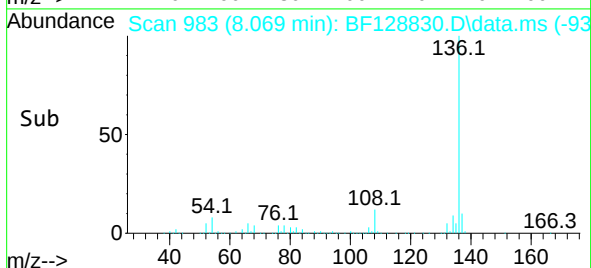
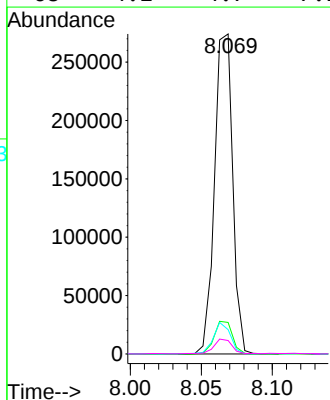
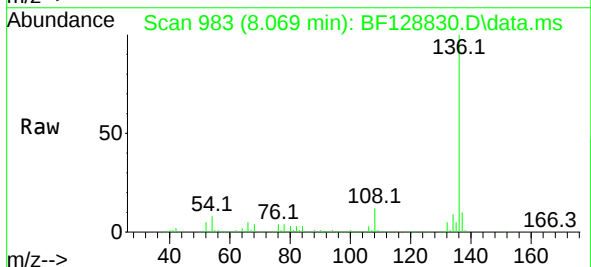
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

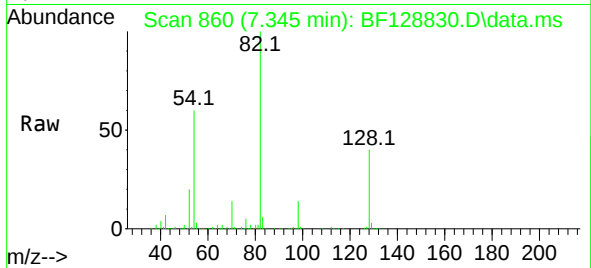
Tgt Ion:136 Resp: 242943
Ion Ratio Lower Upper
136 100
137 9.8 8.8 13.2
54 7.6 7.5 11.3
68 4.2 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 57.554 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

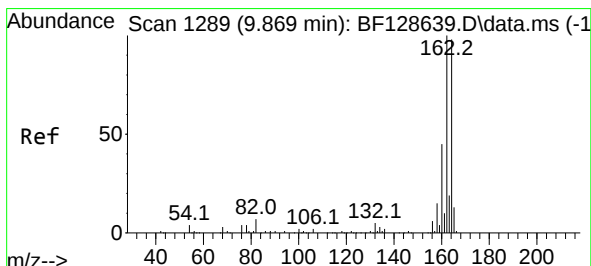
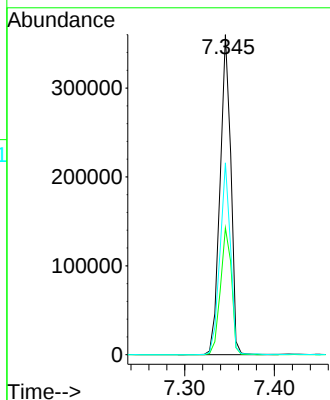
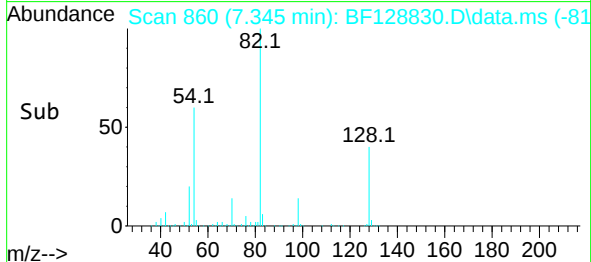
Instrument :
BNA_F
ClientSampleId :
TR-5-061422



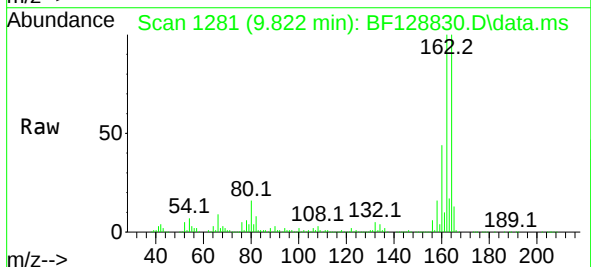
Tgt Ion: 82 Resp: 300319
Ion Ratio Lower Upper
82 100
128 39.6 34.0 51.0
54 59.9 46.9 70.3

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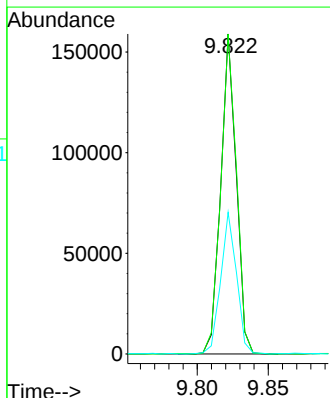
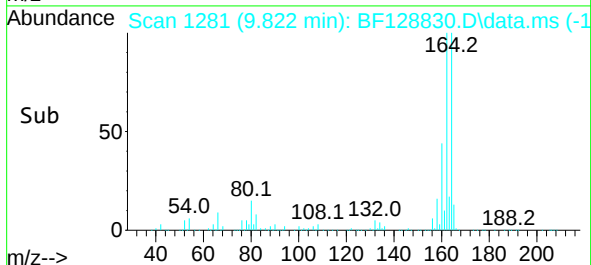
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Supervised By :mohammad ahmed 06/22/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22



Tgt Ion:164 Resp: 120613
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 44.2 34.2 51.4





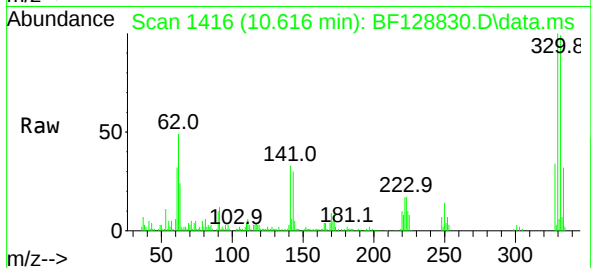
#42
2,4,6-Tribromophenol
Concen: 37.947 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

Instrument :

BNA_F

ClientSampleId :

TR-5-061422

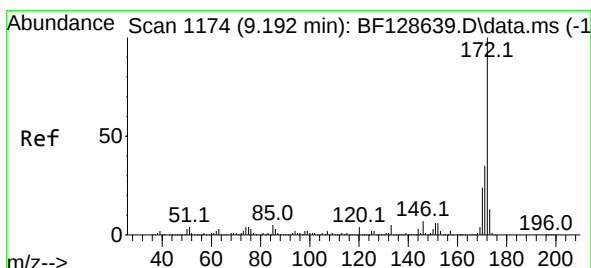
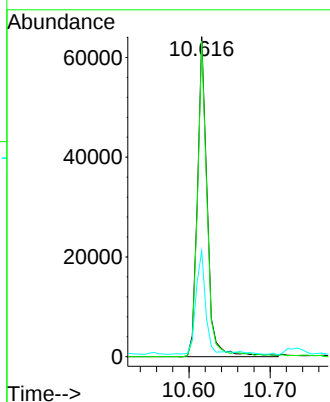
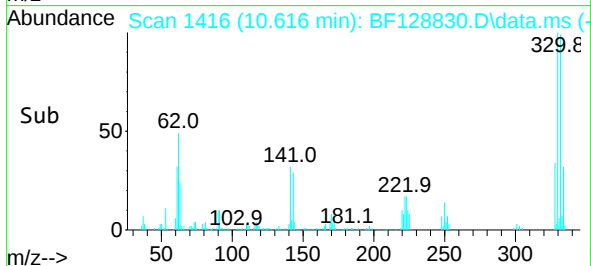


Tgt Ion: 330 Resp: 54078
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 32.3 28.0 42.0

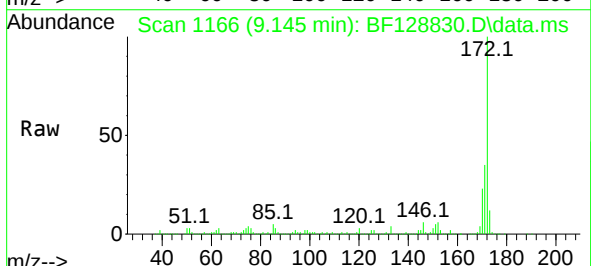
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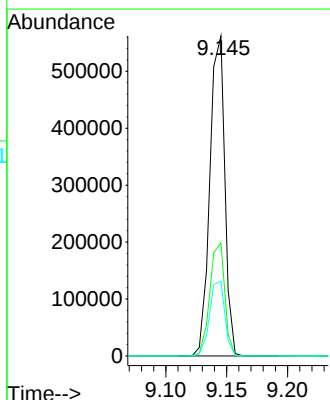
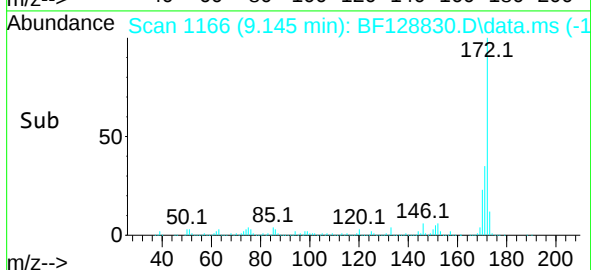
Reviewed By : Jagrut Upadhyay 06/16/2022
Supervised By : mohammad ahmed 06/22/2022

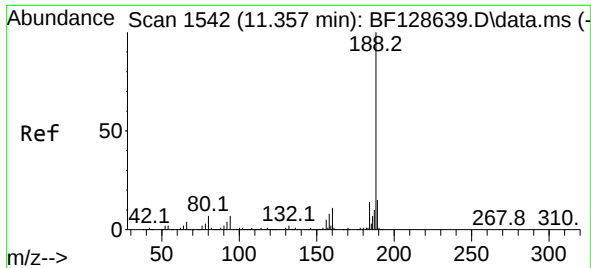


#45
2-Fluorobiphenyl
Concen: 55.623 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22



Tgt Ion: 172 Resp: 478930
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.3 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

Instrument :

BNA_F

ClientSampleId :

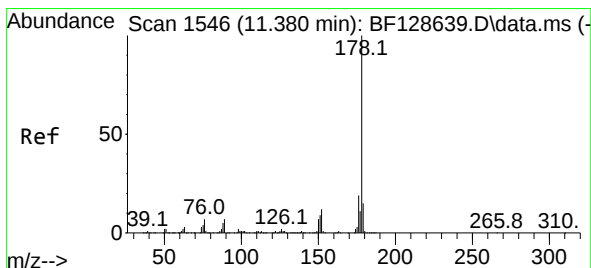
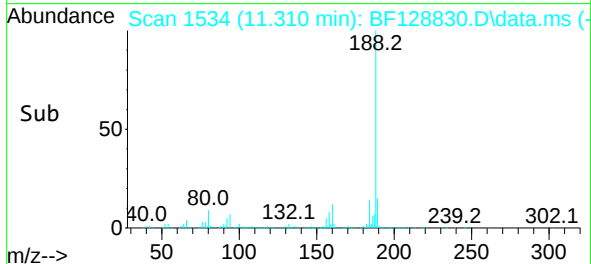
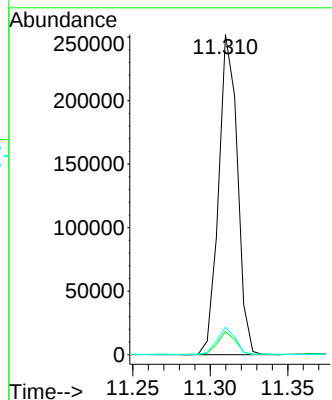
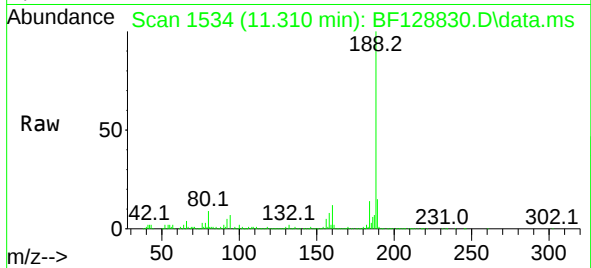
TR-5-061422

Tgt Ion:188 Resp: 212178
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 8.6 7.6 11.4

Manual Integrations

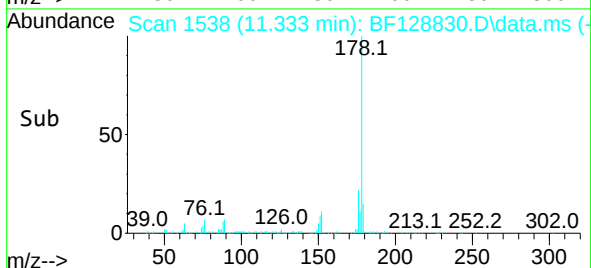
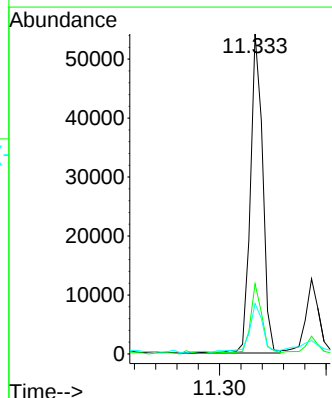
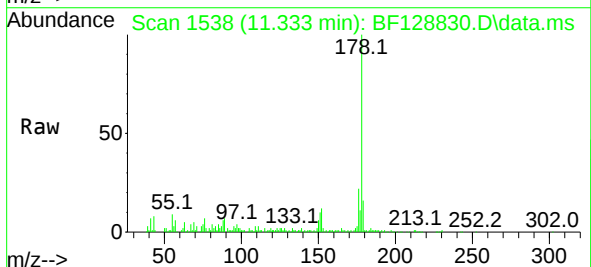
APPROVED

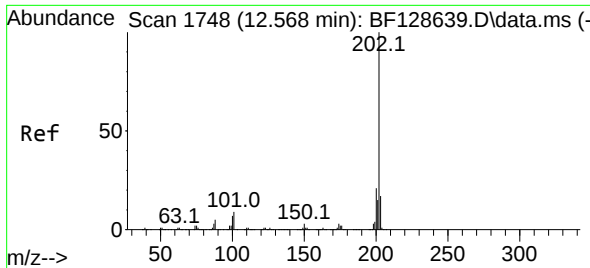
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#71
Phenanthrene
Concen: 4.096 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

Tgt Ion:178 Resp: 43587
Ion Ratio Lower Upper
178 100
176 21.9 16.0 24.0
179 15.7 12.6 19.0





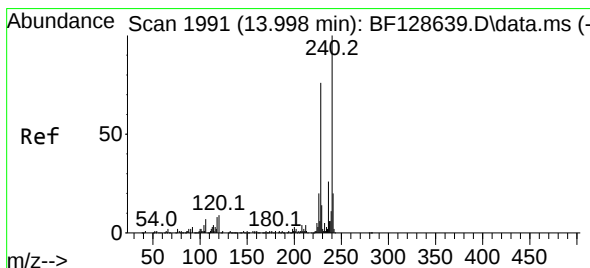
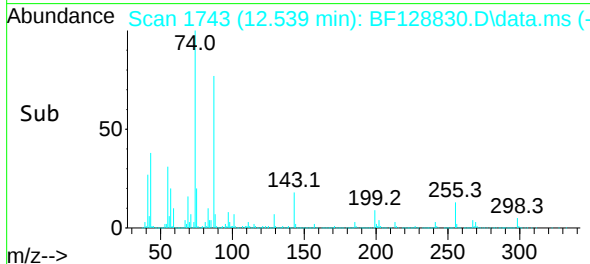
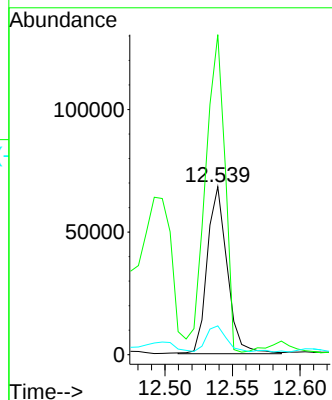
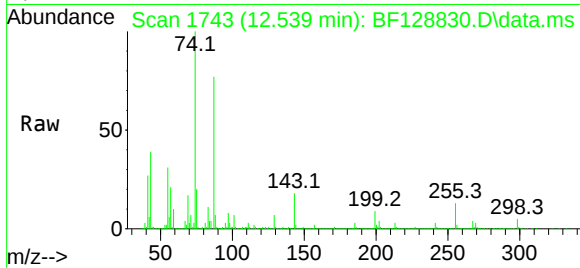
#75
Fluoranthene
Concen: 6.315 ng m
RT: 12.539 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

Instrument :
BNA_F
ClientSampleId :
TR-5-061422

Tgt Ion:202 Resp: 7025
Ion Ratio Lower Upper
202 100
101 190.5 0.0 31.4
203 17.1 0.0 38.0

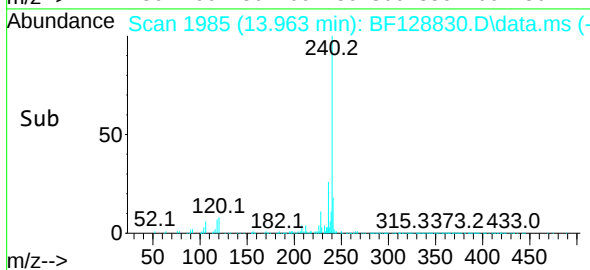
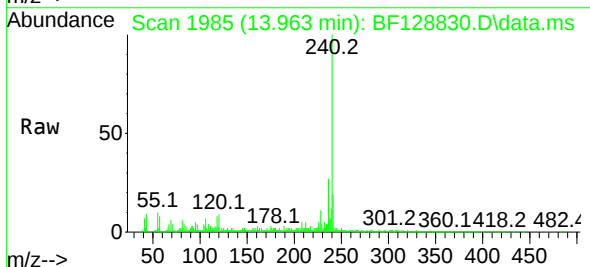
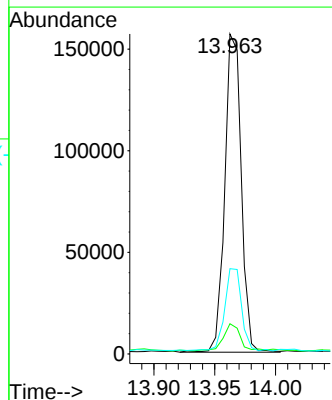
Manual Integrations
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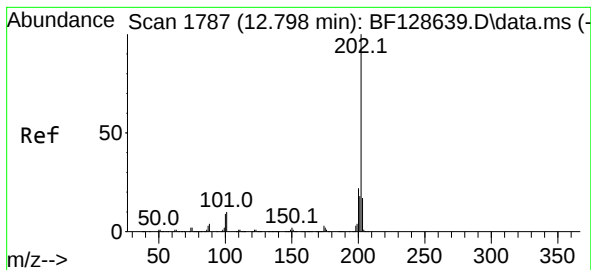
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

Tgt Ion:240 Resp: 147154
Ion Ratio Lower Upper
240 100
120 9.5 8.9 13.3
236 26.7 20.8 31.2





#78

Pyrene

Concen: 8.582 ng m

RT: 12.774 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF128830.D

Acq: 15 Jun 2022 17:22

Instrument :

BNF

ClientSampleId :

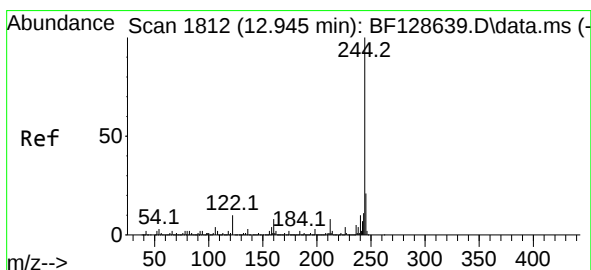
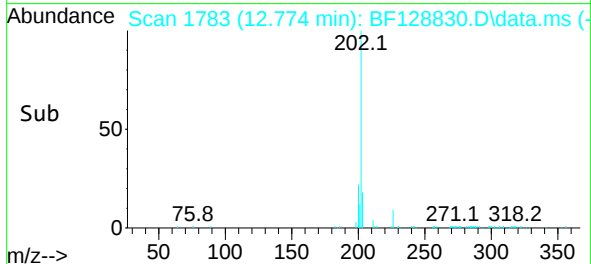
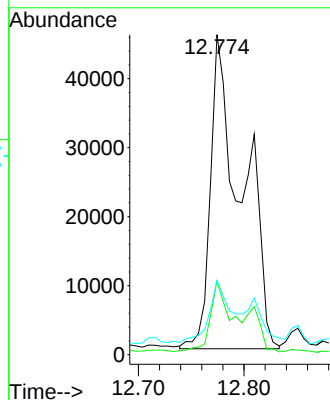
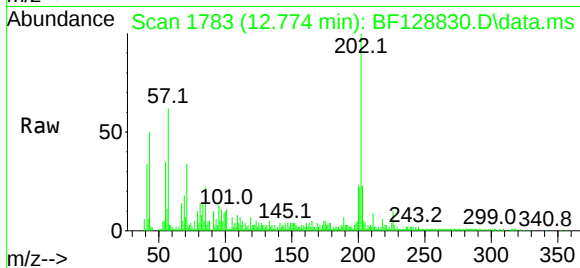
TR-5-061422

Tgt Ion:202 Resp: 93954
 Ion Ratio Lower Upper
 202 100
 200 23.0 17.7 26.5
 203 23.2 14.6 21.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/16/2022
 Supervised By :mohammad ahmed 06/22/2022



#79

Terphenyl-d14

Concen: 56.526 ng

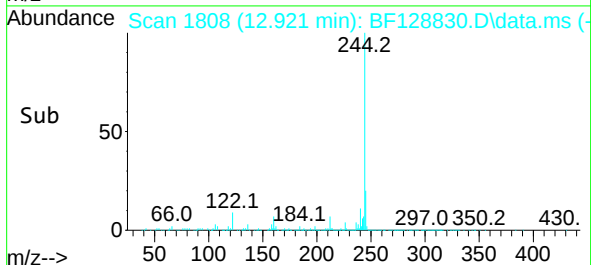
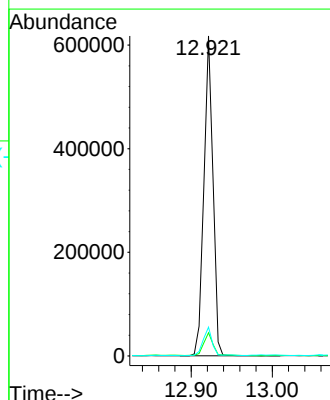
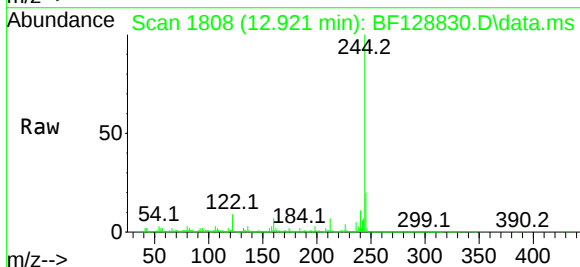
RT: 12.921 min Scan# 1808

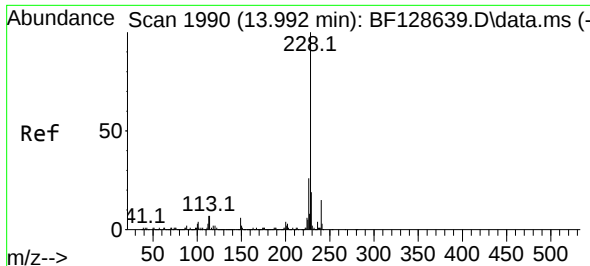
Delta R.T. 0.018 min

Lab File: BF128830.D

Acq: 15 Jun 2022 17:22

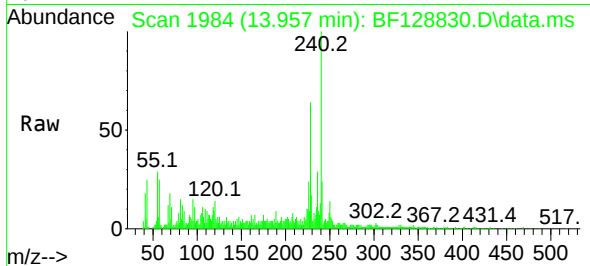
Tgt Ion:244 Resp: 478698
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.0 8.8 13.2





#81
Benzo(a)anthracene
Concen: 3.820 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

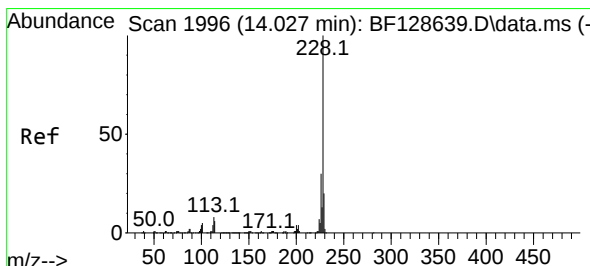
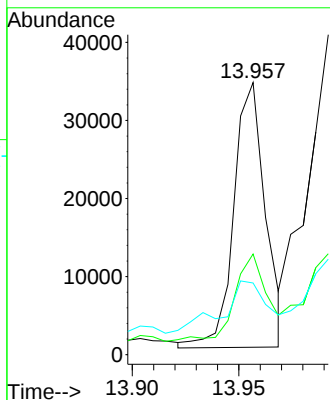
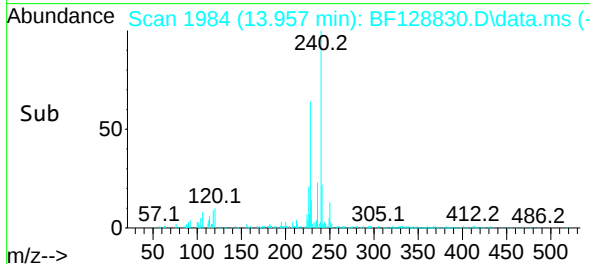
Instrument :
BNA_F
ClientSampleId :
TR-5-061422



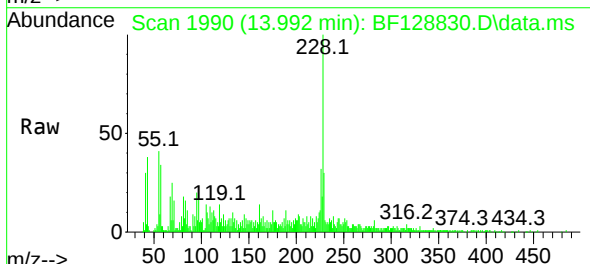
Tgt Ion:228 Resp: 35040
Ion Ratio Lower Upper
228 100
226 37.0 22.1 33.1
229 26.3 15.8 23.8

Manual Integrations
APPROVED

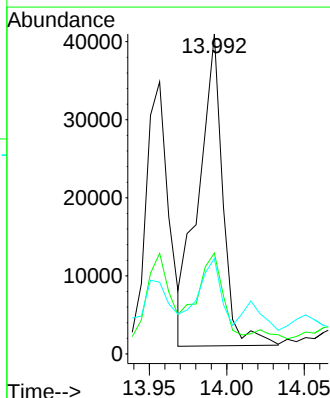
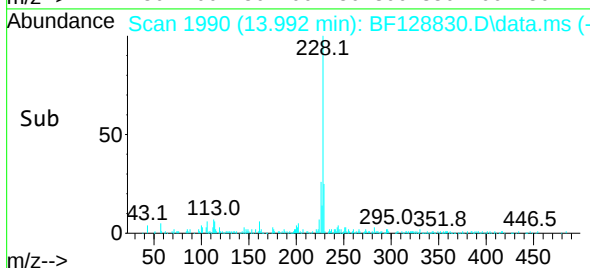
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022

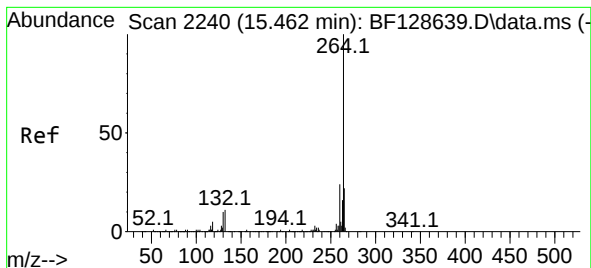


#83
Chrysene
Concen: 4.989 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22



Tgt Ion:228 Resp: 43632
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 29.9 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128830.D

Acq: 15 Jun 2022 17:22

Instrument :

BNA_F

ClientSampleId :

TR-5-061422

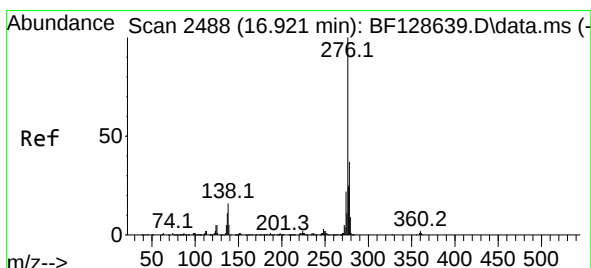
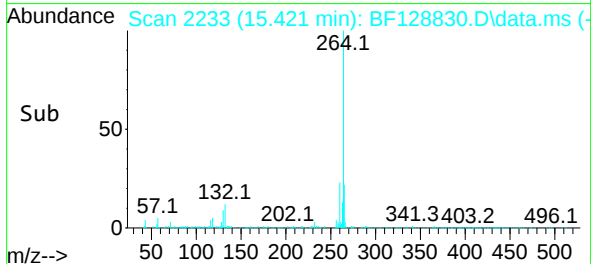
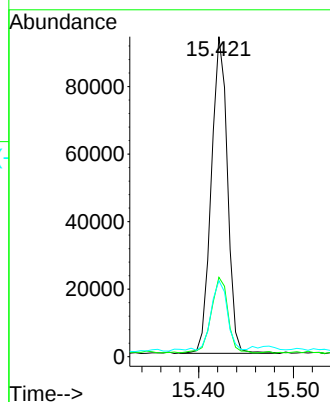
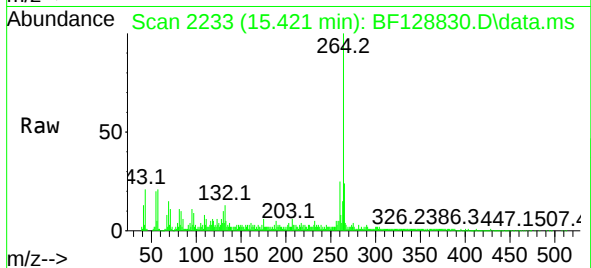
Tgt Ion:264 Resp: 110698

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	23.7	17.2	25.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.717 ng m

RT: 16.868 min Scan# 2479

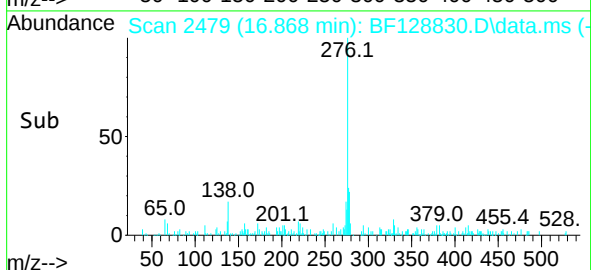
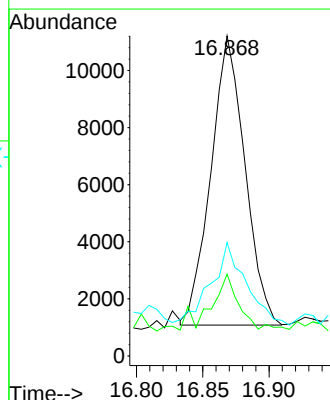
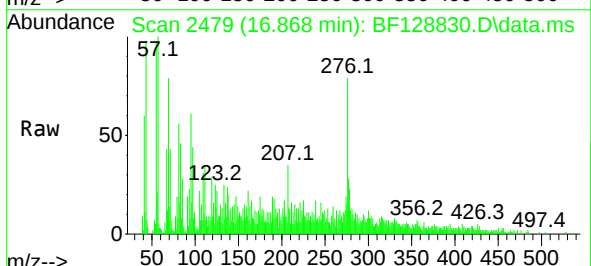
Delta R.T. 0.006 min

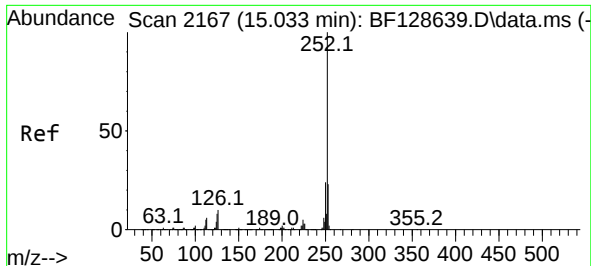
Lab File: BF128830.D

Acq: 15 Jun 2022 17:22

Tgt Ion:276 Resp: 18131

Ion	Ratio	Lower	Upper
276	100		
138	2.2	21.1	31.7#
277	2.0	20.3	30.5#





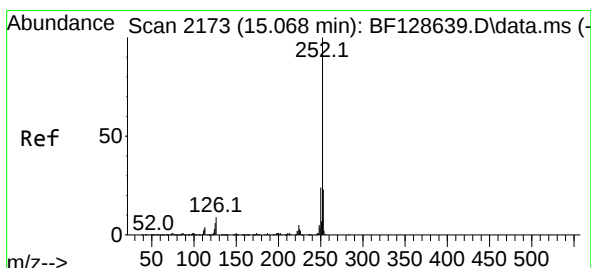
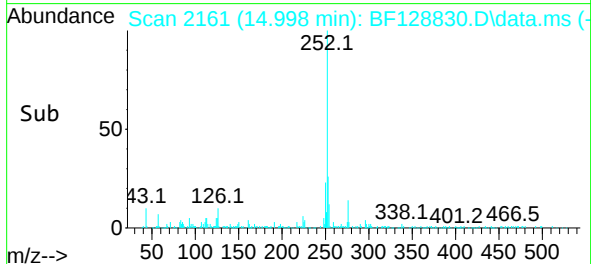
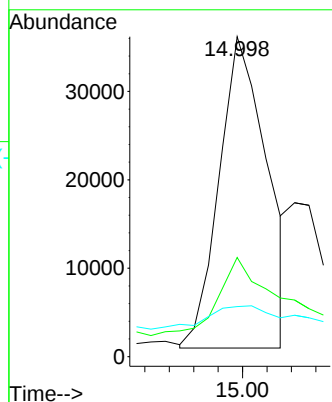
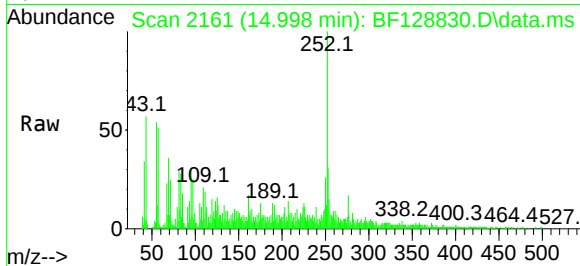
#88
Benzo(b)fluoranthene
Concen: 6.767 ng m
RT: 14.998 min Scan# 2165
Delta R.T. 0.006 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

Instrument :
BNA_F
ClientSampleId :
TR-5-061422

Tgt Ion:252 Resp: 4786
Ion Ratio Lower Upper
252 100
253 31.0 17.7 26.5
125 15.7 8.0 12.0

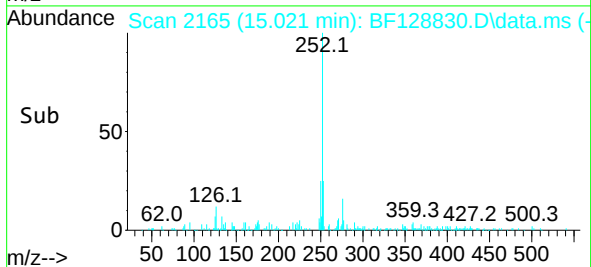
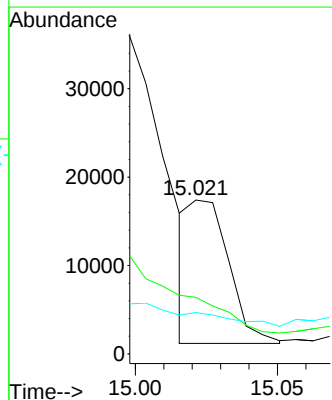
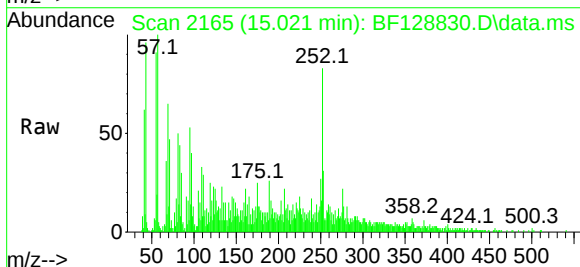
Manual Integrations
APPROVED

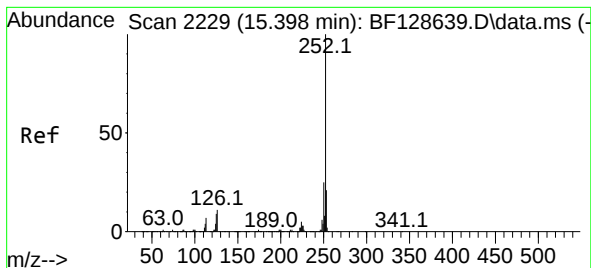
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#89
Benzo(k)fluoranthene
Concen: 2.364 ng m
RT: 15.021 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BF128830.D
Acq: 15 Jun 2022 17:22

Tgt Ion:252 Resp: 15731
Ion Ratio Lower Upper
252 100
253 36.8 17.8 26.6#
125 27.0 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 5.218 ng

RT: 15.357 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128830.D

Acq: 15 Jun 2022 17:22

Instrument :

BNF

ClientSampleId :

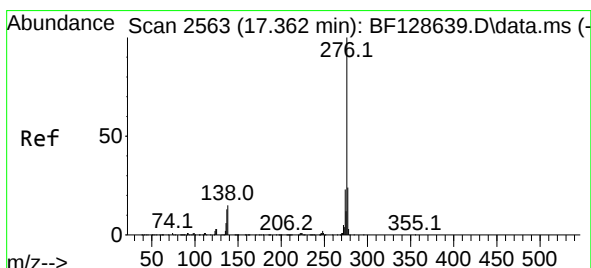
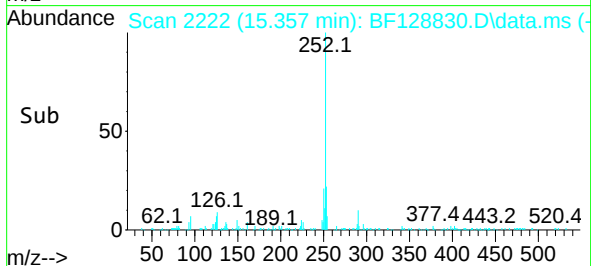
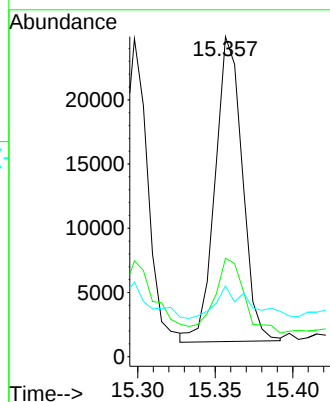
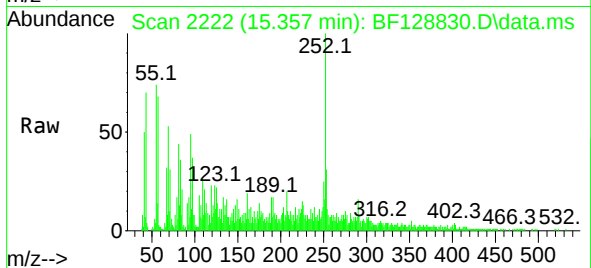
TR-5-061422

Tgt Ion:	252	Resp:	2901
Ion Ratio	Lower	Upper	
252	100		
253	30.7	17.0	25.6
125	22.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#92

Benzo(g,h,i)perylene

Concen: 3.646 ng

RT: 17.309 min Scan# 2554

Delta R.T. 0.012 min

Lab File: BF128830.D

Acq: 15 Jun 2022 17:22

Tgt Ion:	276	Resp:	19997
Ion Ratio	Lower	Upper	
276	100		
277	38.2	19.1	28.7
138	21.7	18.0	27.0

