

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
 Data File : BF128824.D
 Acq On : 15 Jun 2022 14:05
 Operator : CG\JU
 Sample : N3319-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-061022

Quant Time: Jun 15 14:34:18 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	67750	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	233473	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	115561	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	200335	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	143170	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	107523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	367569	86.417	ng	0.00
7) Phenol-d6	6.434	99	454591	87.555	ng	0.00
23) Nitrobenzene-d5	7.345	82	302206	60.265	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	105102	76.975	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	546881	66.292	ng	0.00
79) Terphenyl-d14	12.933	244	581972	70.633	ng	0.03
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	25422	2.530	ng	95
75) Fluoranthene	12.545	202	30250m	2.880	ng	
78) Pyrene	12.827	202	77598m	7.285	ng	
81) Benzo(a)anthracene	13.957	228	40946	4.588	ng	# 83
83) Chrysene	13.992	228	43266	5.085	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.862	276	17377	2.681	ng	# 87
88) Benzo(b)fluoranthene	14.998	252	41465m	6.035	ng	
89) Benzo(k)fluoranthene	15.021	252	13396m	2.073	ng	
90) Benzo(a)pyrene	15.357	252	29515	5.466	ng	# 75
92) Benzo(g,h,i)perylene	17.304	276	19117	3.588	ng	# 91

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

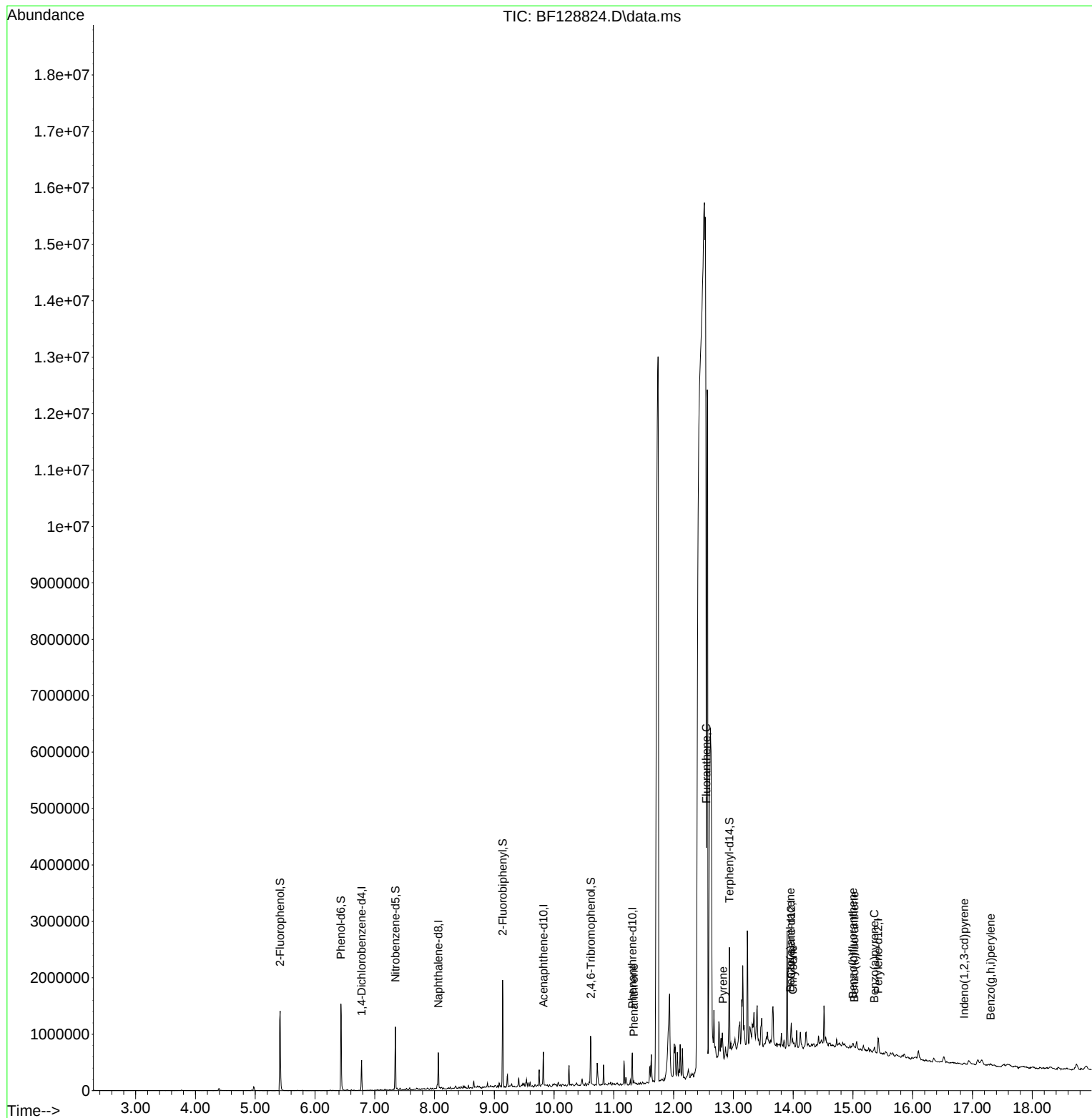
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128824.D
Acq On : 15 Jun 2022 14:05
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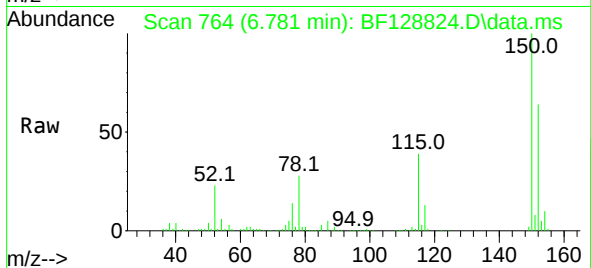
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

Instrument :

BNA_F

ClientSampleId :

TR-06-061022

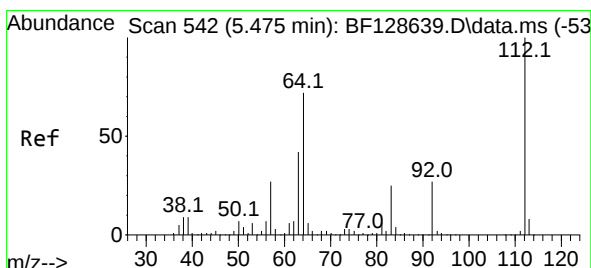
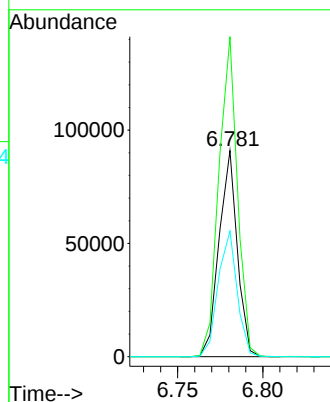


Tgt Ion:152 Resp: 67750
Ion Ratio Lower Upper
152 100
150 155.3 123.7 185.5
115 60.9 49.9 74.9

Manual Integrations

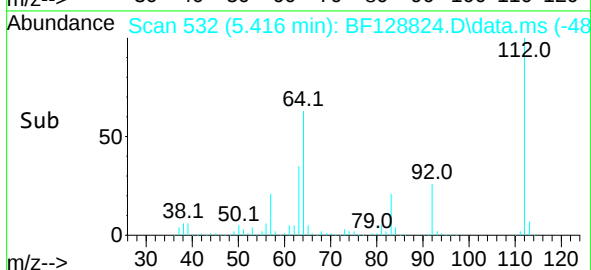
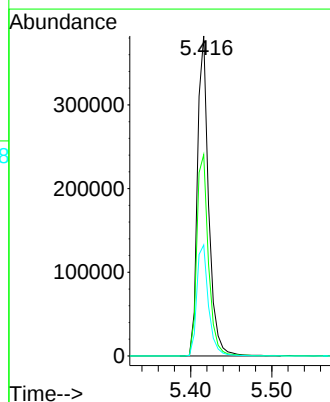
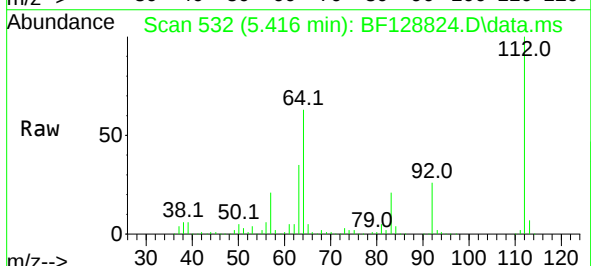
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Supervised By :mohammad ahmed 06/22/2022



#5
2-Fluorophenol
Concen: 86.417 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

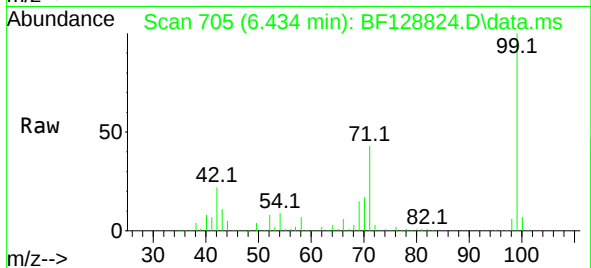
Tgt Ion:112 Resp: 367569
Ion Ratio Lower Upper
112 100
64 62.9 53.3 79.9
63 34.7 28.0 42.0





#7
Phenol-d6
Concen: 87.555 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

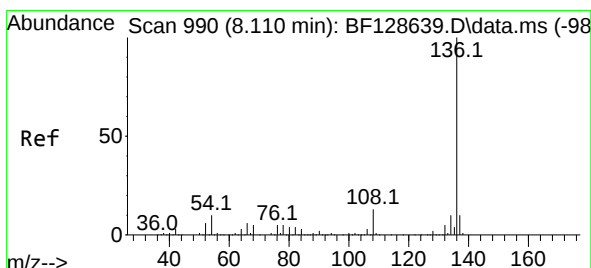
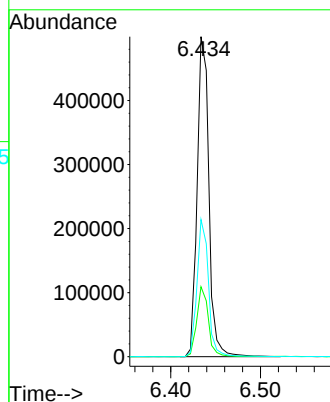
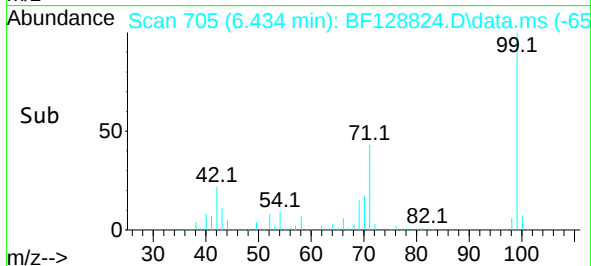
Instrument :
BNA_F
ClientSampleId :
TR-06-061022



Tgt Ion: 99 Resp: 45459
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 42.9 28.9 43.3

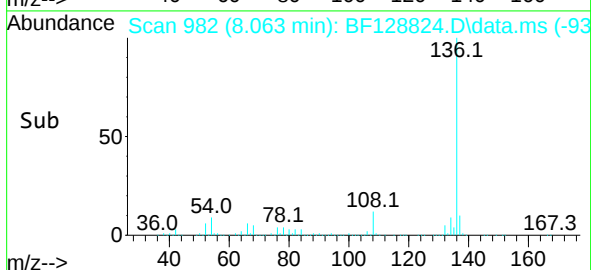
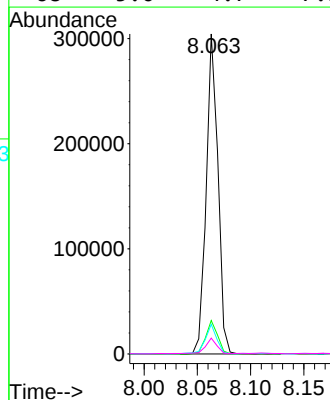
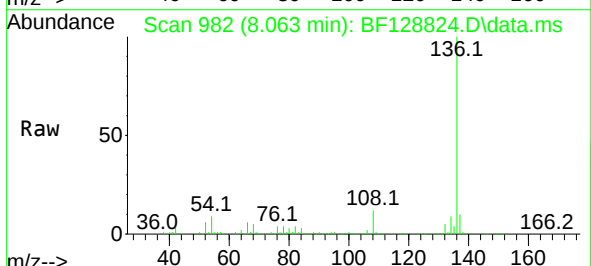
Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

Tgt Ion:136 Resp: 233473
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 9.3 7.5 11.3
68 5.0 4.7 7.1





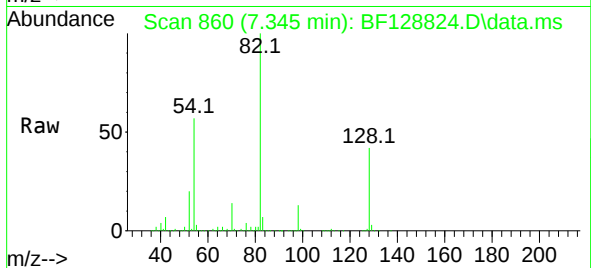
#23
Nitrobenzene-d5
Concen: 60.265 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

Instrument :

BNA_F

ClientSampleId :

TR-06-061022

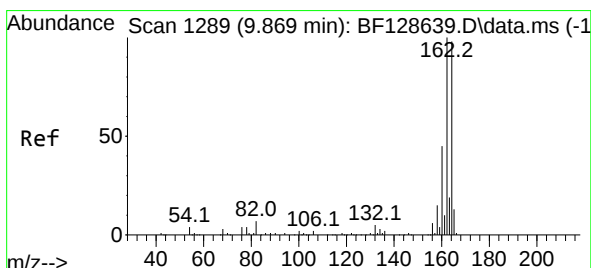
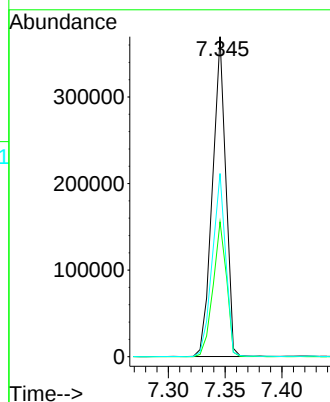
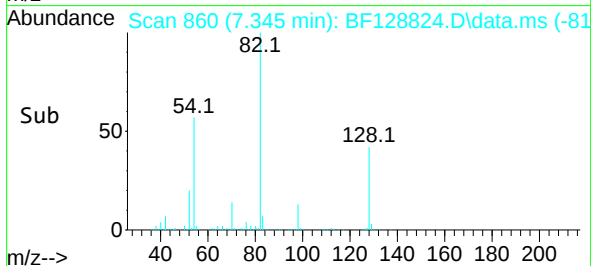


Tgt Ion: 82 Resp: 302200
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 57.3 46.9 70.3

Manual Integrations

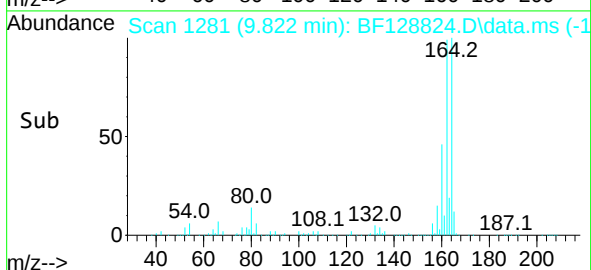
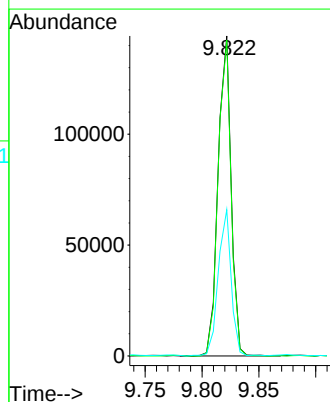
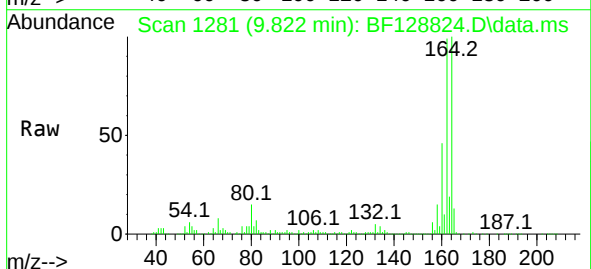
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Supervised By :mohammad ahmed 06/22/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

Tgt Ion:164 Resp: 115561
Ion Ratio Lower Upper
164 100
162 98.8 79.5 119.3
160 45.7 34.2 51.4





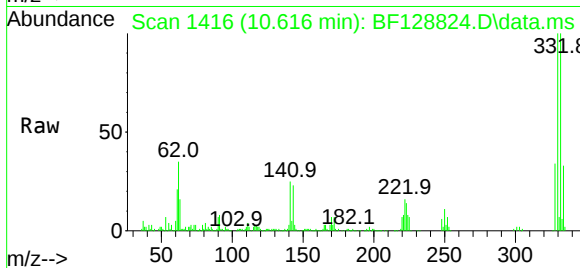
#42
2,4,6-Tribromophenol
Concen: 76.975 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

Instrument :

BNA_F

ClientSampleId :

TR-06-061022

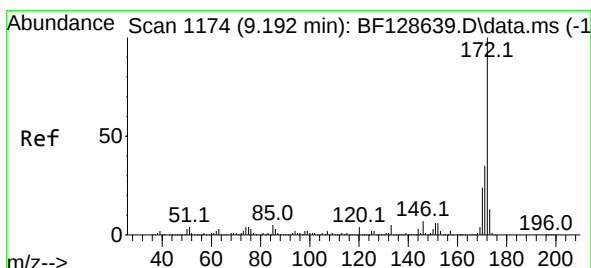
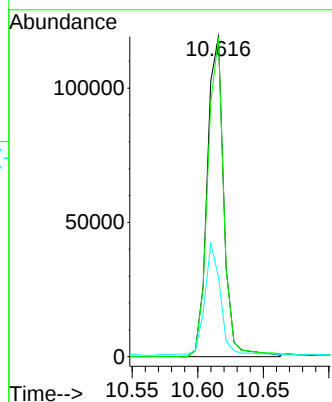
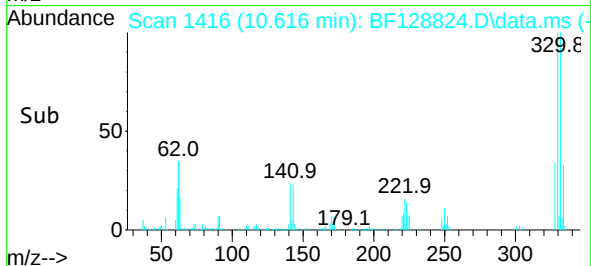


Tgt Ion:330 Resp: 105102
Ion Ratio Lower Upper
330 100
332 97.7 76.8 115.2
141 34.4 28.0 42.0

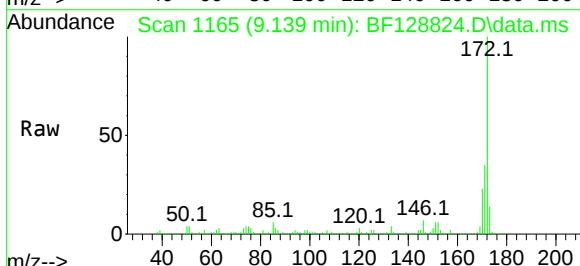
Manual Integrations

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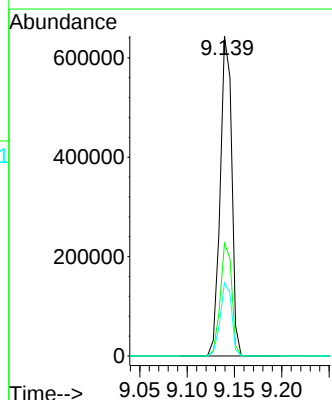
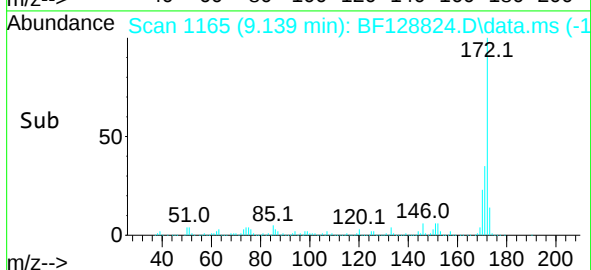
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022

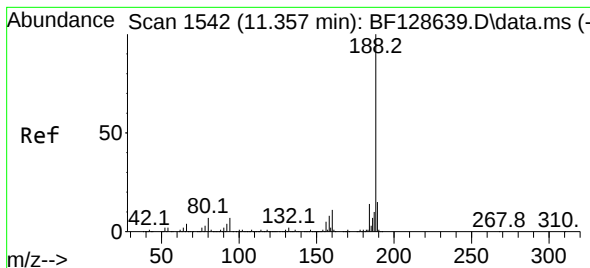


#45
2-Fluorobiphenyl
Concen: 66.292 ng
RT: 9.139 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05



Tgt Ion:172 Resp: 546881
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 22.9 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

Instrument :

BNA_F

ClientSampleId :

TR-06-061022

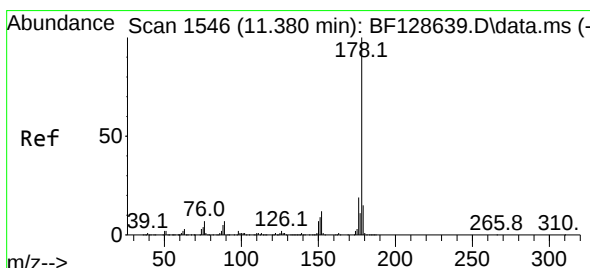
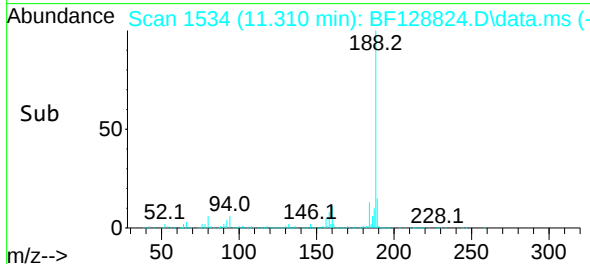
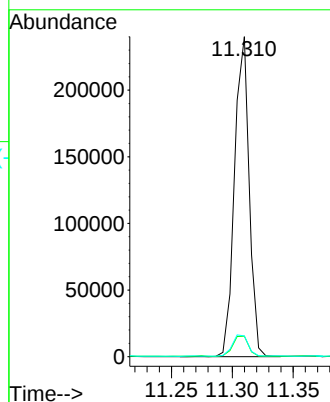
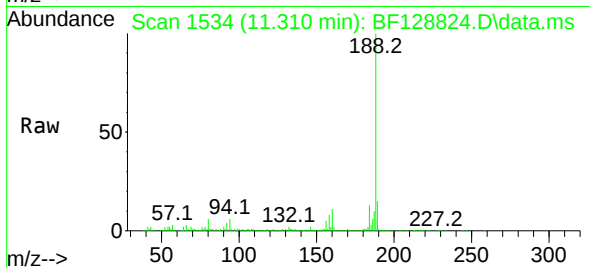
Tgt Ion:188 Resp: 200335

Ion	Ratio	Lower	Upper
188	100		
94	6.4	7.0	10.6
80	6.5	7.6	11.4

Manual Integrations

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



#71

Phenanthrene

Concen: 2.530 ng

RT: 11.333 min Scan# 1538

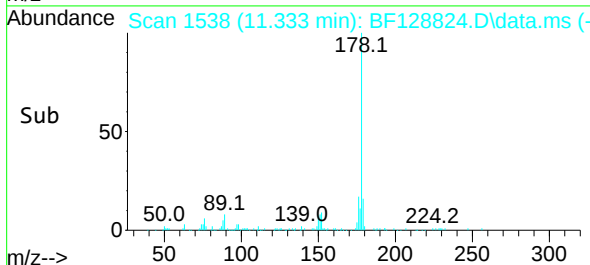
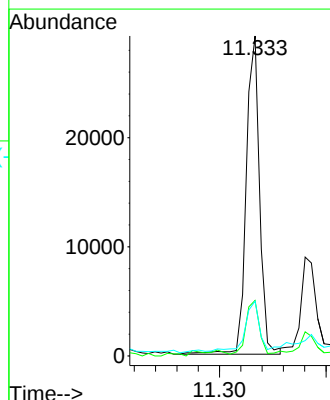
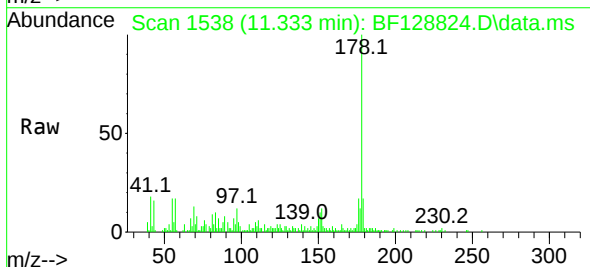
Delta R.T. -0.006 min

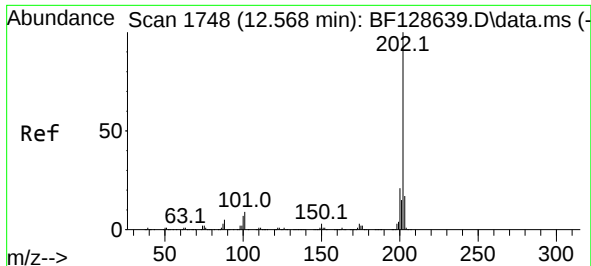
Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

Tgt Ion:178 Resp: 25422

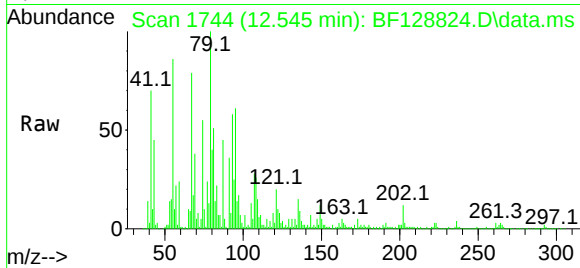
Ion	Ratio	Lower	Upper
178	100		
176	17.3	16.0	24.0
179	17.1	12.6	19.0





#75
Fluoranthene
Concen: 2.880 ng m
RT: 12.545 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

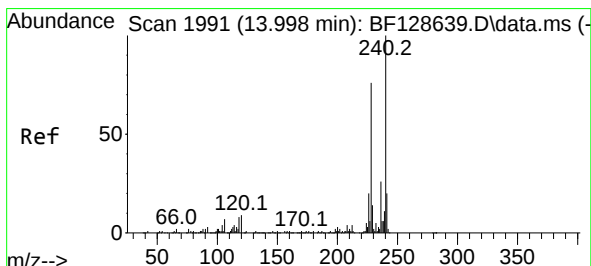
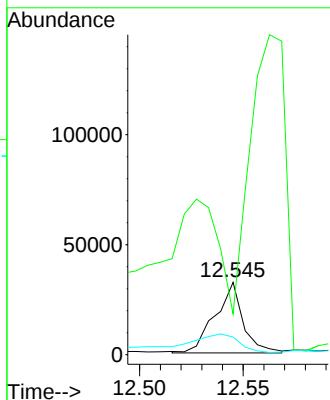
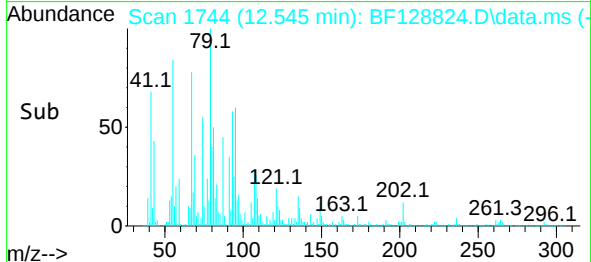
Instrument :
BNA_F
ClientSampleId :
TR-06-061022



Tgt Ion:202 Resp: 30250
Ion Ratio Lower Upper
202 100
101 56.4 0.0 31.4
203 24.4 0.0 38.0

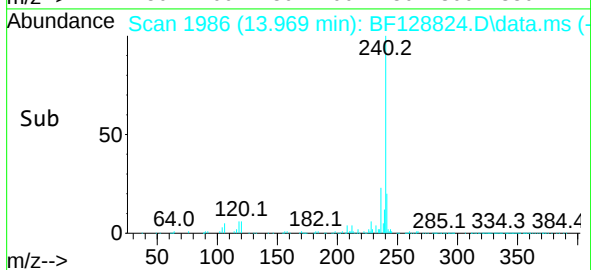
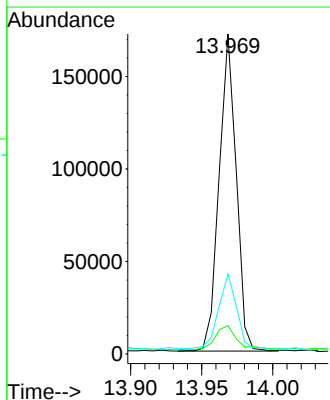
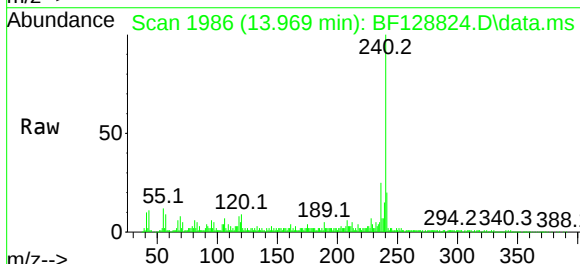
Manual Integrations
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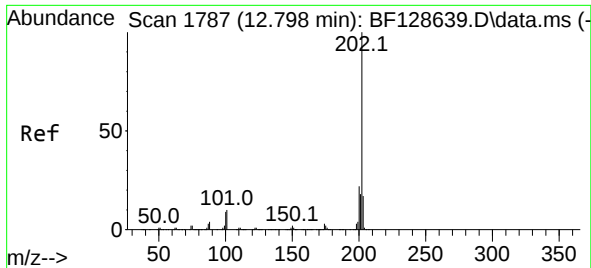
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

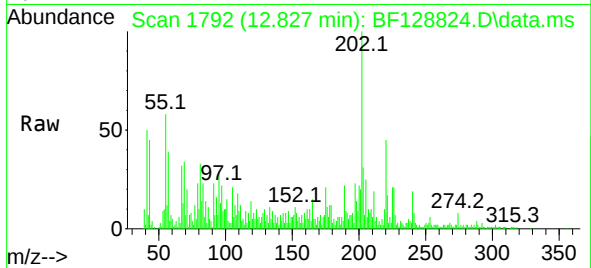
Tgt Ion:240 Resp: 143170
Ion Ratio Lower Upper
240 100
120 8.8 8.9 13.3
236 25.1 20.8 31.2





#78
Pyrene
Concen: 7.285 ng m
RT: 12.827 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

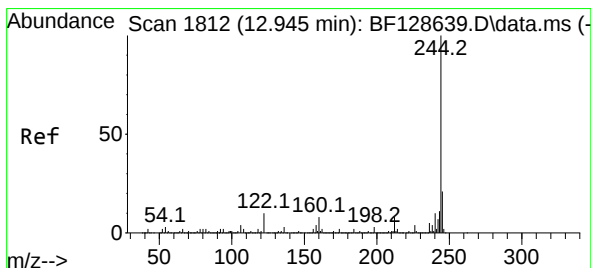
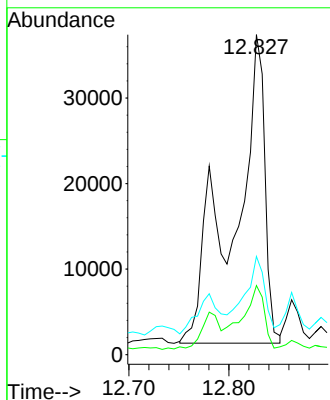
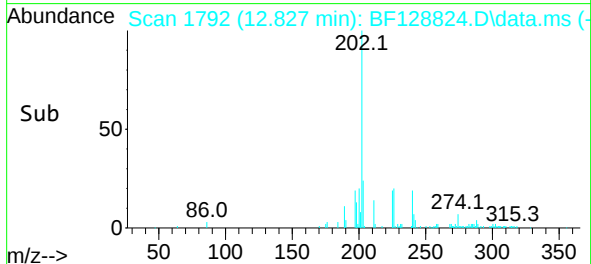
Instrument :
BNA_F
ClientSampleId :
TR-06-061022



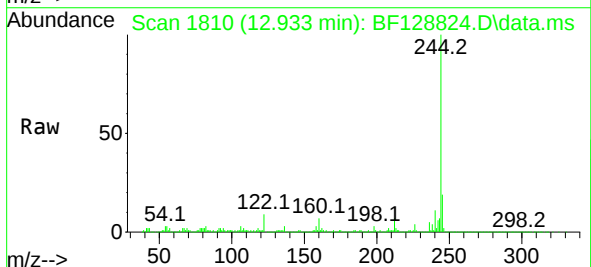
Tgt Ion:202 Resp: 77598
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 30.7 14.6 21.8

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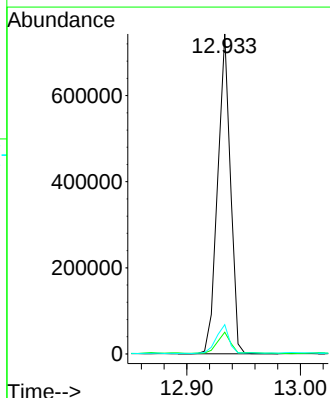
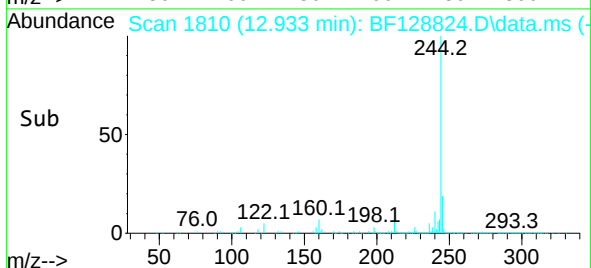
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022

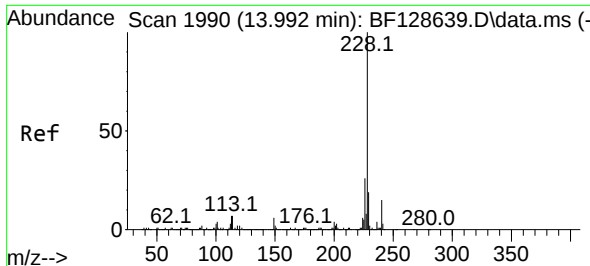


#79
Terphenyl-d14
Concen: 70.633 ng
RT: 12.933 min Scan# 1810
Delta R.T. 0.029 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05



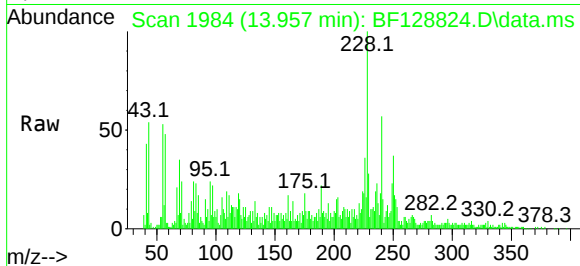
Tgt Ion:244 Resp: 581972
Ion Ratio Lower Upper
244 100
212 6.8 6.1 9.1
122 9.2 8.8 13.2





#81
Benzo(a)anthracene
Concen: 4.588 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

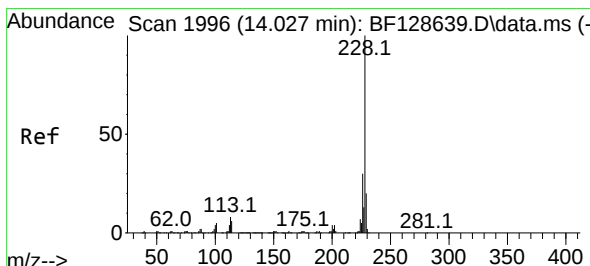
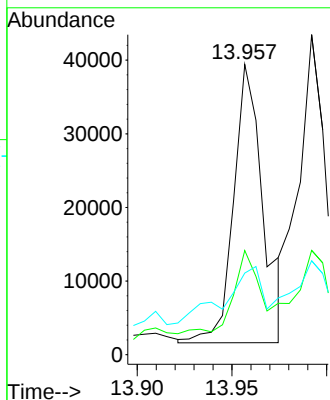
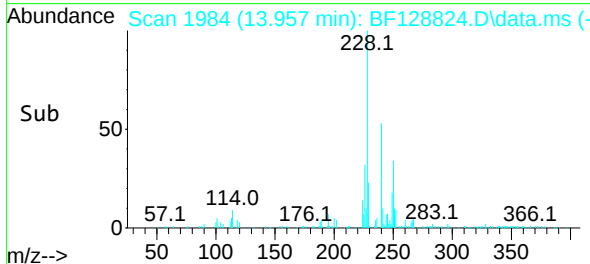
Instrument :
BNA_F
ClientSampleId :
TR-06-061022



Tgt Ion:228 Resp: 40940
Ion Ratio Lower Upper
228 100
226 35.9 22.1 33.1
229 28.1 15.8 23.8

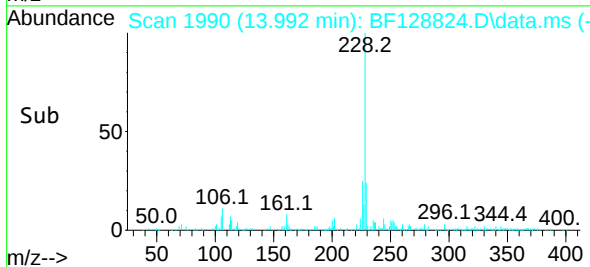
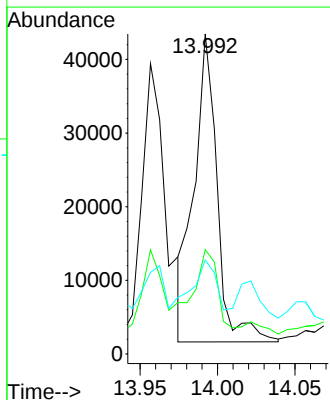
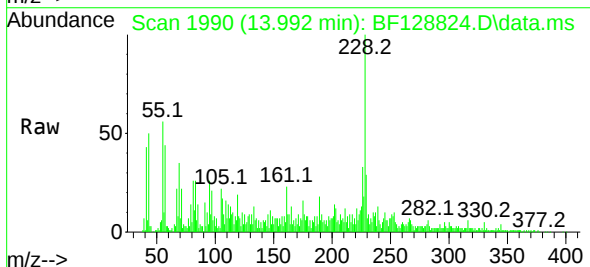
Manual Integrations
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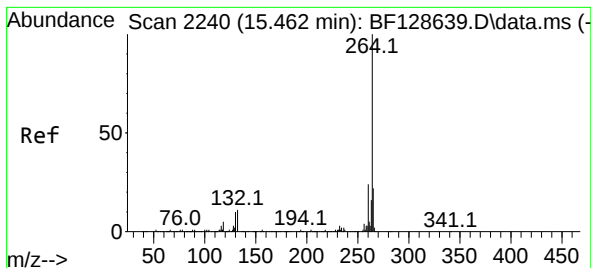
Reviewed By :Jagrut Upadhyay 06/16/2022
Supervised By :mohammad ahmed 06/22/2022



#83
Chrysene
Concen: 5.085 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF128824.D
Acq: 15 Jun 2022 14:05

Tgt Ion:228 Resp: 43266
Ion Ratio Lower Upper
228 100
226 32.6 24.3 36.5
229 29.4 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: BF128824.D

Acq: 15 Jun 2022 14:05

Instrument :

BNA_F

ClientSampleId :

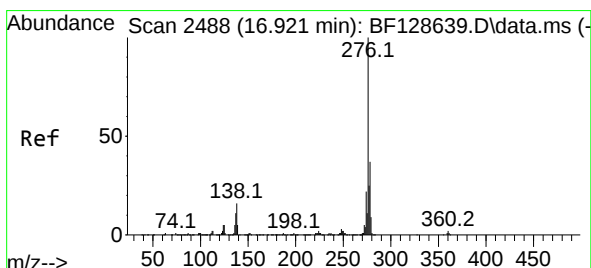
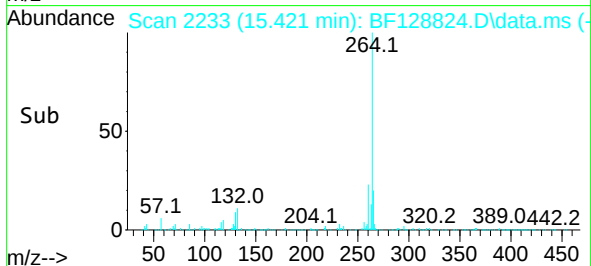
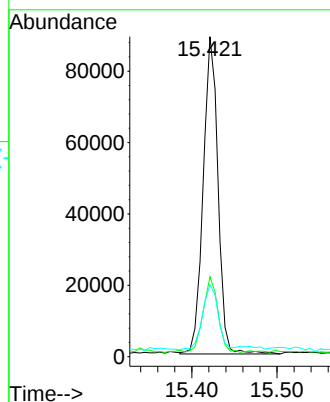
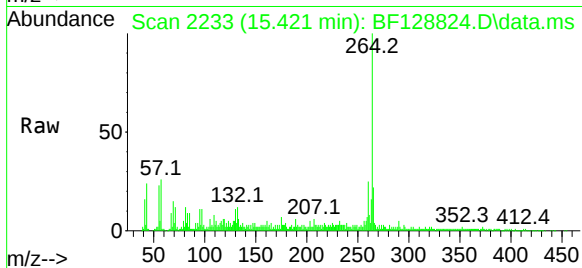
TR-06-061022

Tgt Ion:264 Resp: 10752
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.4 27.6
 265 22.4 17.2 25.8

Manual Integrations

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



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.681 ng

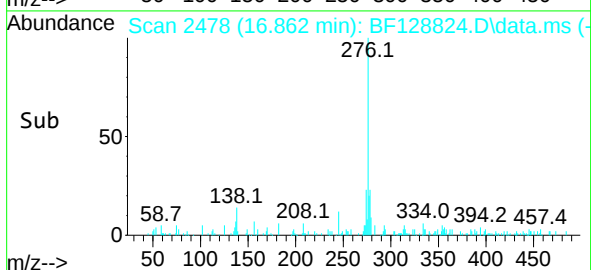
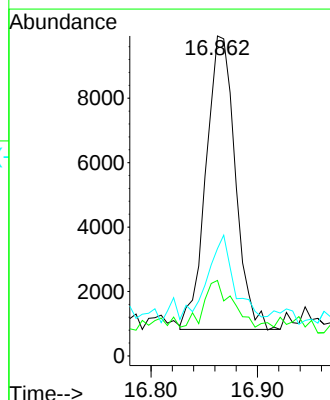
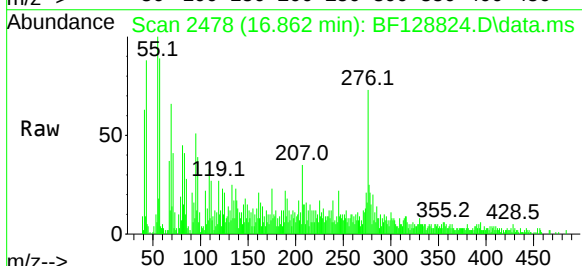
RT: 16.862 min Scan# 2478

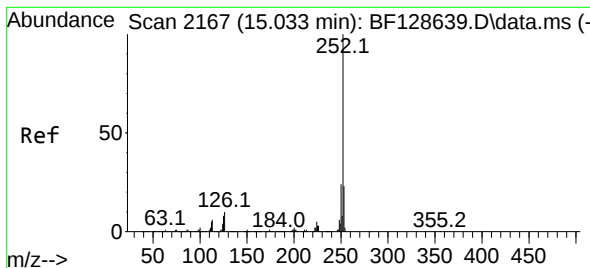
Delta R.T. 0.000 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

Tgt Ion:276 Resp: 17377
 Ion Ratio Lower Upper
 276 100
 138 15.1 21.1 31.7#
 277 26.8 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 6.035 ng m

RT: 14.998 min Scan# 2161

Delta R.T. 0.006 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

Instrument :

BNF

ClientSampleId :

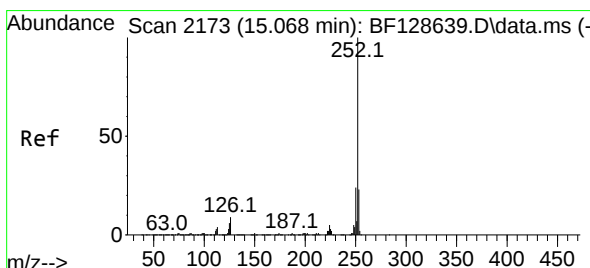
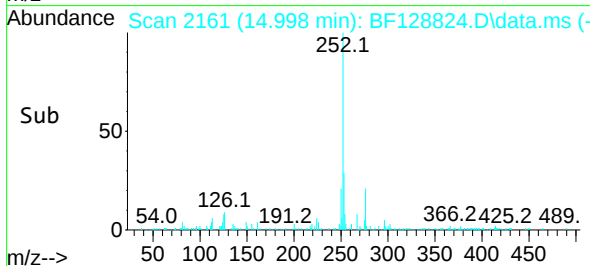
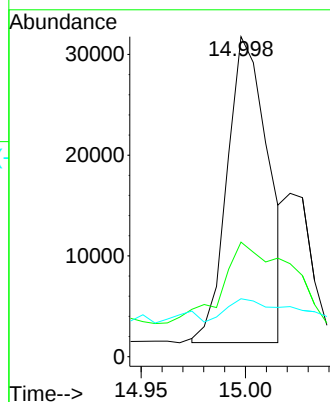
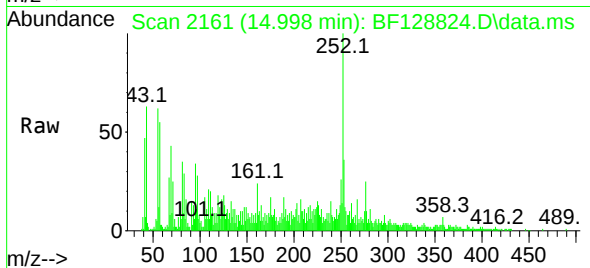
TR-06-061022

Tgt Ion:252 Resp: 4146
 Ion Ratio Lower Upper
 252 100
 253 35.8 17.7 26.5
 125 18.1 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: 2.073 ng m

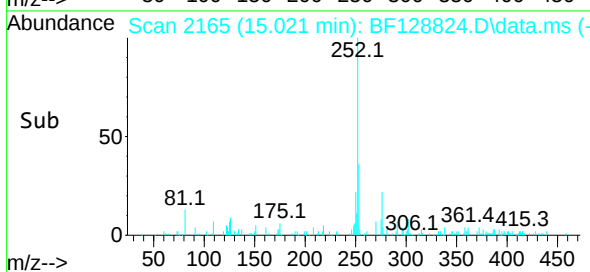
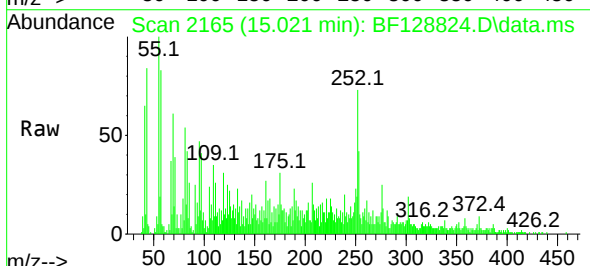
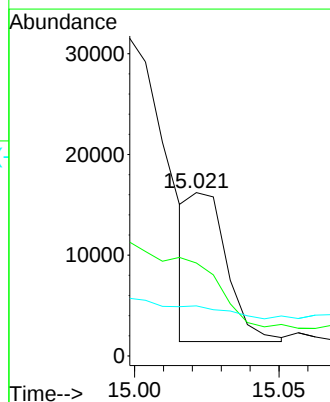
RT: 15.021 min Scan# 2165

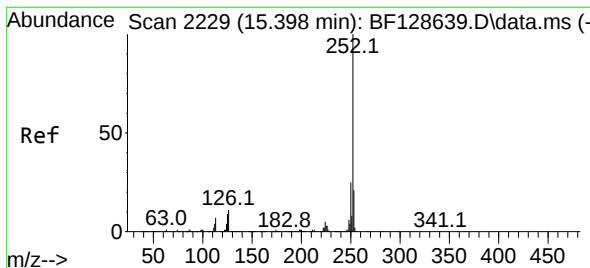
Delta R.T. -0.006 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

Tgt Ion:252 Resp: 13396
 Ion Ratio Lower Upper
 252 100
 253 56.9 17.8 26.6#
 125 30.6 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 5.466 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

Instrument :

BNA_F

ClientSampleId :

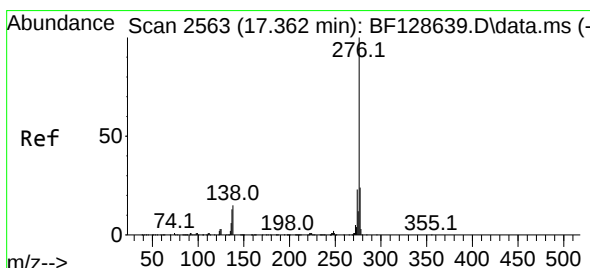
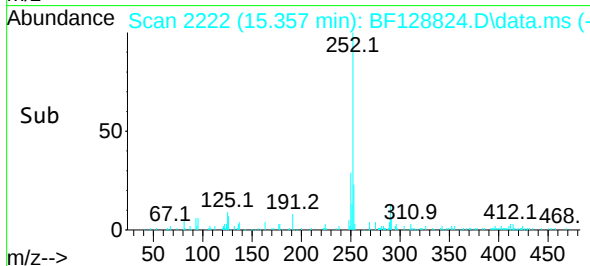
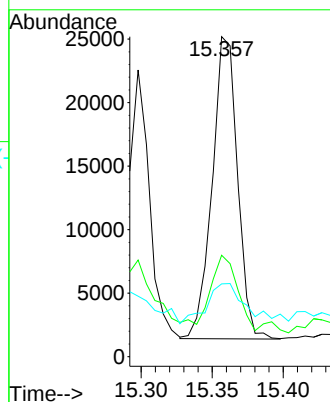
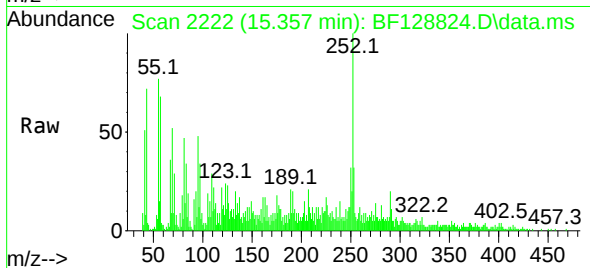
TR-06-061022

Tgt Ion:	252	Resp:	2951
Ion Ratio	Lower	Upper	
252	100		
253	31.7	17.0	25.6
125	22.7	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: 3.588 ng

RT: 17.304 min Scan# 2553

Delta R.T. 0.006 min

Lab File: BF128824.D

Acq: 15 Jun 2022 14:05

Tgt Ion:	276	Resp:	19117
Ion Ratio	Lower	Upper	
276	100		
277	31.8	19.1	28.7
138	21.5	18.0	27.0

