

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
 Data File : BF133948.D
 Acq On : 23 Jun 2023 17:54
 Operator : CG\JU
 Sample : 03330-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-MC03

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 23 18:41:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	99296	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	349291	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	148447	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	260549	20.000	ng	0.00
76) Chrysene-d12	14.051	240	163299	20.000	ng	0.00
86) Perylene-d12	15.568	264	135768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	345735	60.616	ng	0.00
7) Phenol-d6	6.498	99	410512	55.293	ng	0.00
23) Nitrobenzene-d5	7.422	82	262169	40.881	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	95619	50.886	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	488511	46.779	ng	0.00
79) Terphenyl-d14	12.986	244	449211	42.565	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	86484	6.542	ng	98
75) Fluoranthene	12.616	202	198613	14.149	ng	98
78) Pyrene	12.845	202	180835	11.888	ng	99
81) Benzo(a)anthracene	14.045	228	86170	7.629	ng	94
83) Chrysene	14.080	228	78517	7.349	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	22255	2.814	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	35355	3.785	ng	97
88) Benzo(b)fluoranthene	15.115	252	103620m	12.564	ng	
89) Benzo(k)fluoranthene	15.145	252	24129m	3.003	ng	
90) Benzo(a)pyrene	15.498	252	62448	8.159	ng	98
92) Benzo(g,h,i)perylene	17.586	276	33979	4.432	ng #	86

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

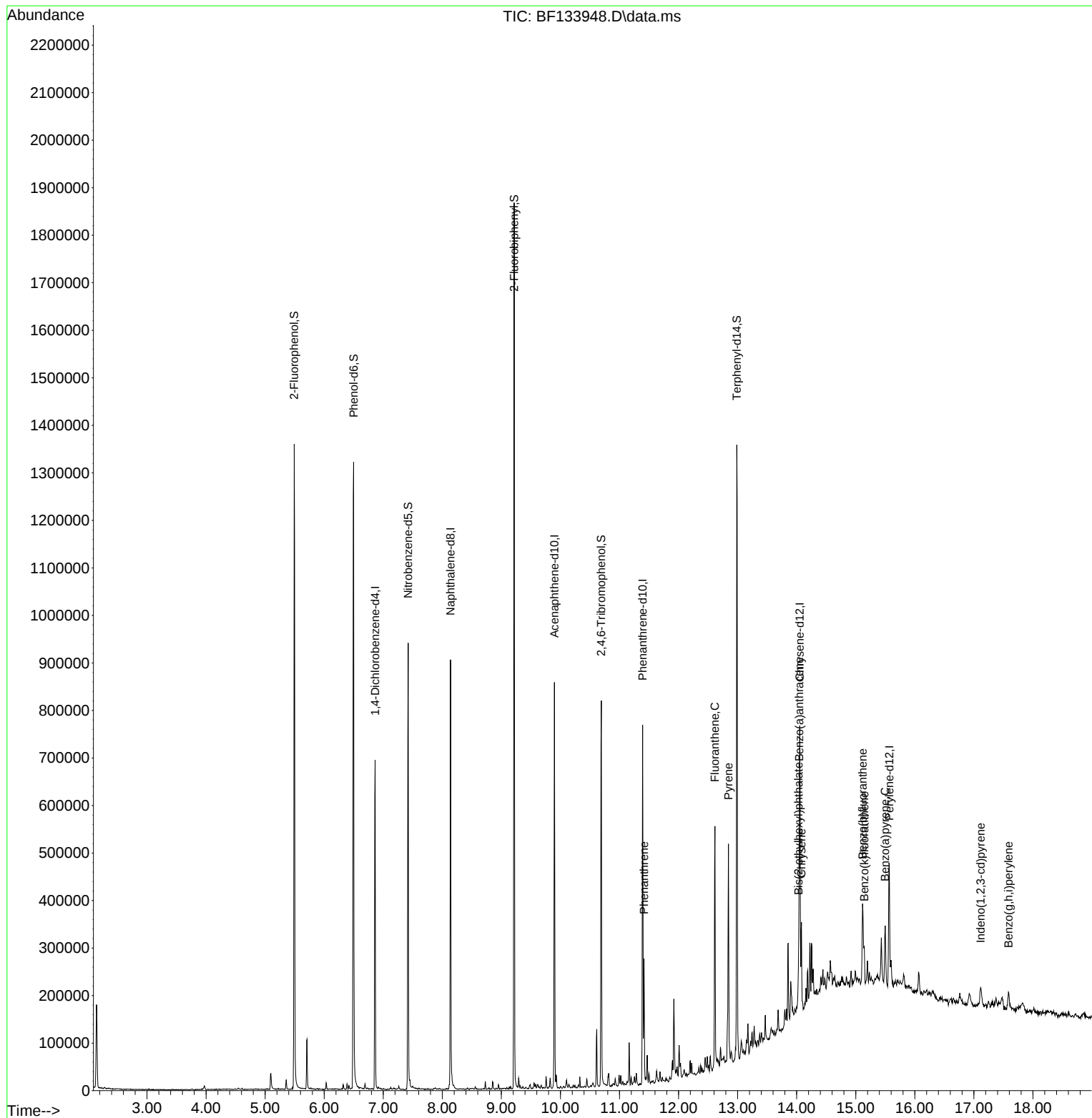
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
Data File : BF133948.D
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ALS Vial : 19 Sample Multiplier: 1

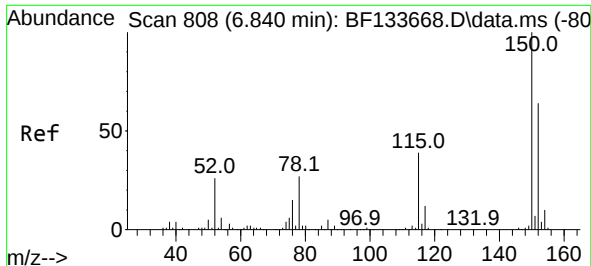
Instrument :
BNA_F
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COMPOSITE-MC03

Quant Time: Jun 23 18:41:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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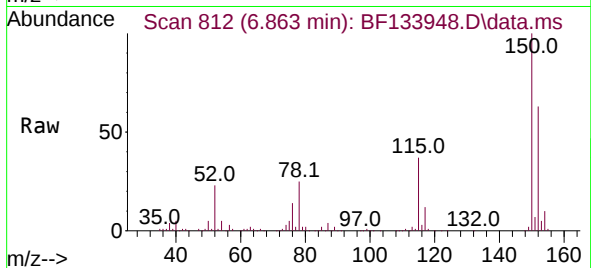
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54

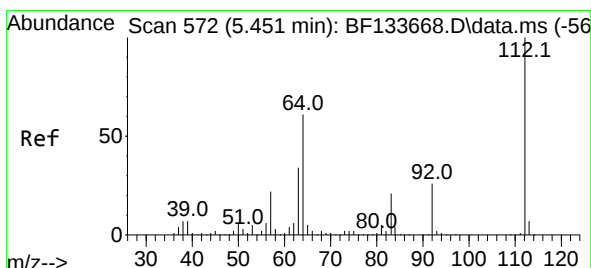
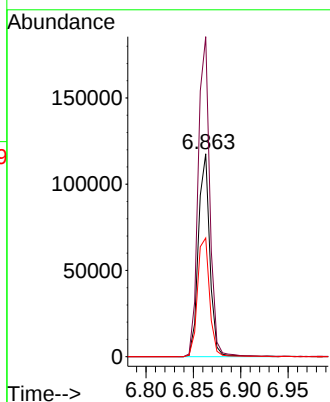
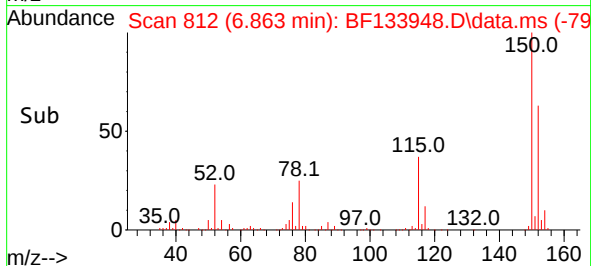
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-MC03



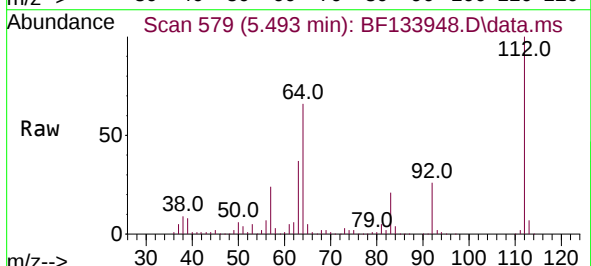
Tgt Ion:152 Resp: 99290
Ion Ratio Lower Upper
152 100
150 157.7 124.3 186.5
115 58.5 48.5 72.7

Manual Integrations
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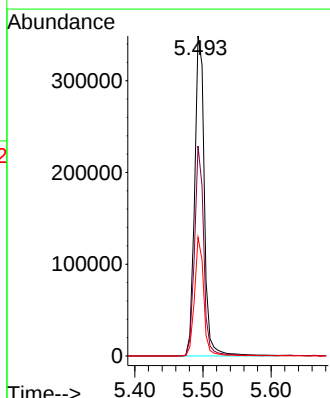
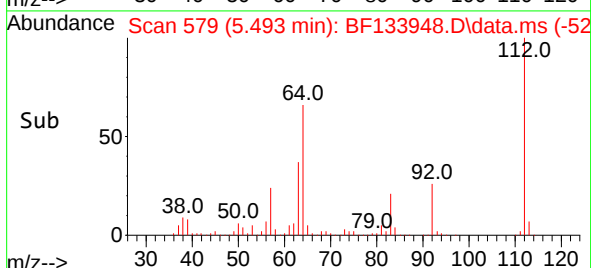
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

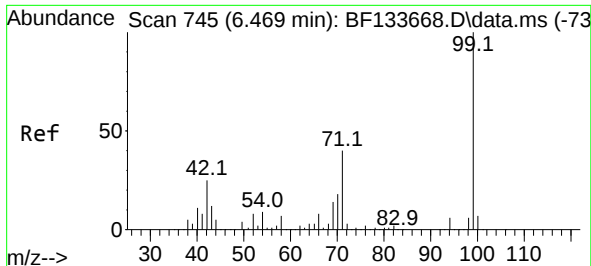


#5
2-Fluorophenol
Concen: 60.616 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54



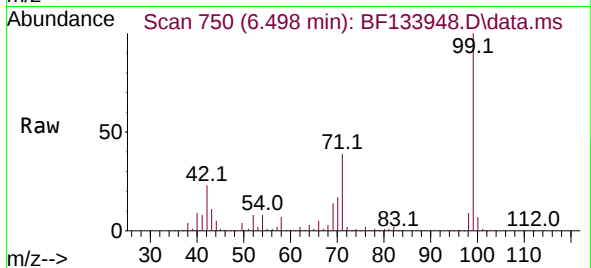
Tgt Ion:112 Resp: 345735
Ion Ratio Lower Upper
112 100
64 65.6 49.0 73.4
63 37.0 26.8 40.2





#7
Phenol-d6
Concen: 55.293 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54

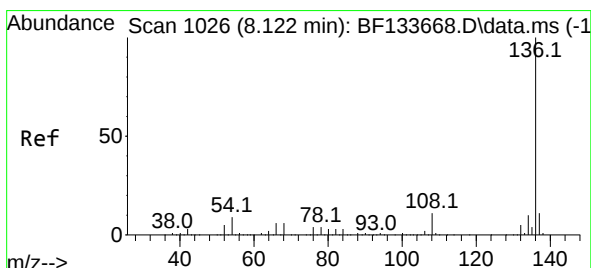
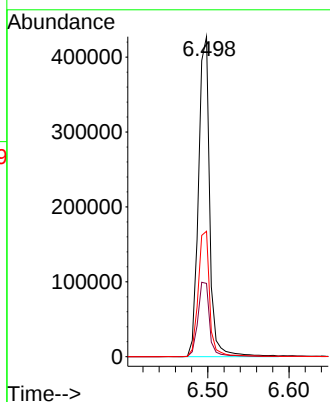
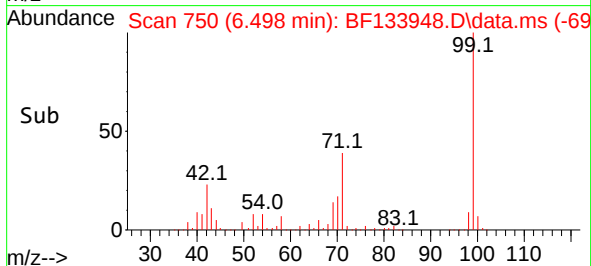
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-MC03



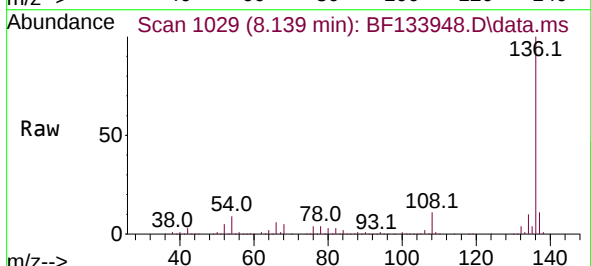
Tgt Ion: 99 Resp: 410512
Ion Ratio Lower Upper
99 100
42 22.9 19.9 29.9
71 39.2 32.2 48.4

Manual Integrations
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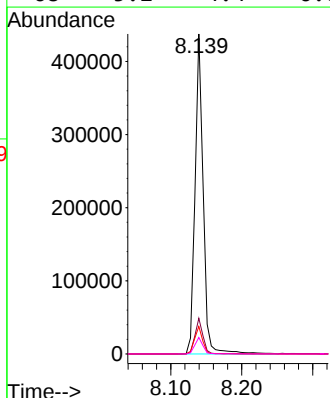
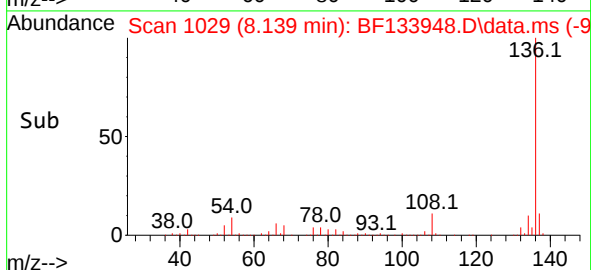
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

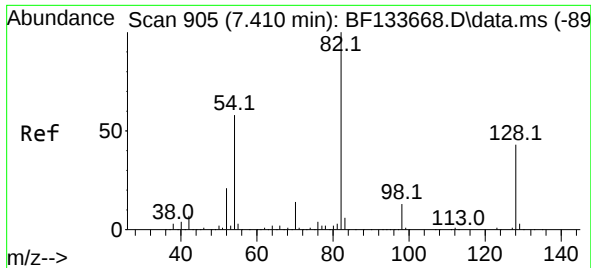


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54



Tgt Ion:136 Resp: 349291
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.6 7.4 11.0
68 5.2 4.4 6.6





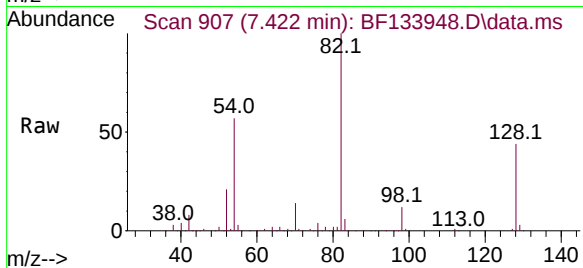
#23
Nitrobenzene-d5
Concen: 40.881 ng
RT: 7.422 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-MC03

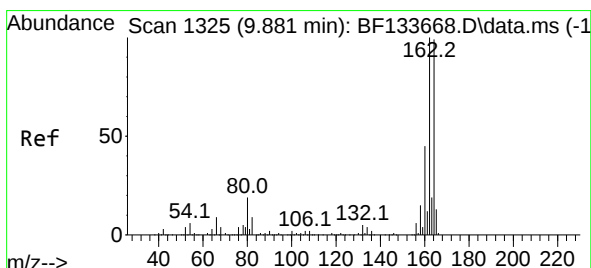
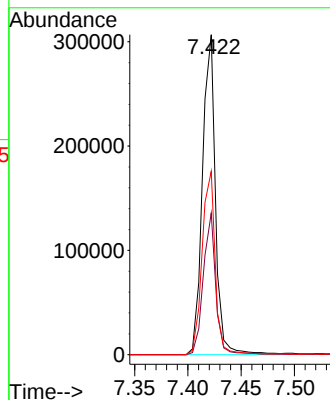
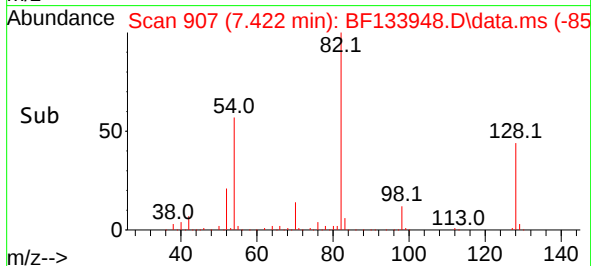


Tgt Ion: 82 Resp: 262169
Ion Ratio Lower Upper
82 100
128 44.3 34.2 51.2
54 57.3 46.5 69.7

Manual Integrations

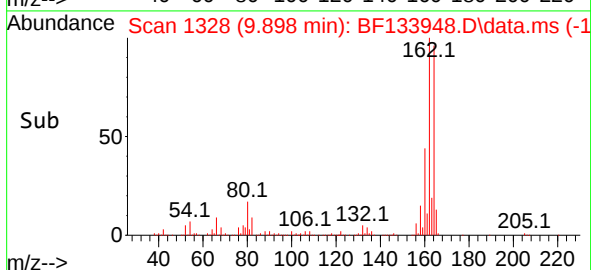
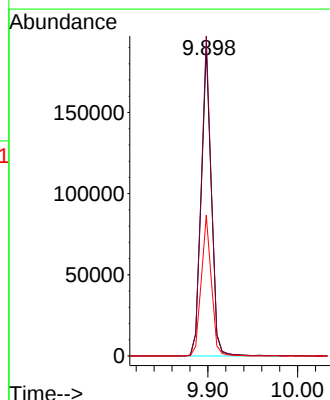
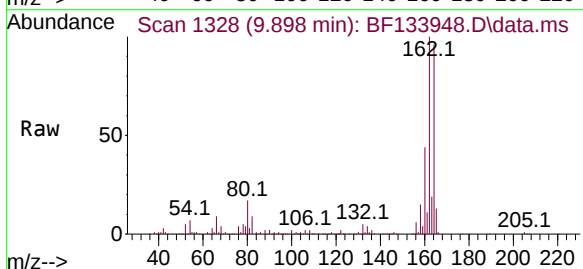
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Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54

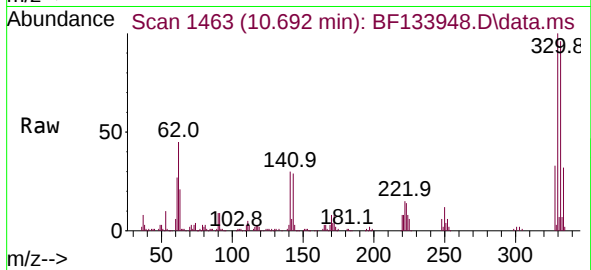
Tgt Ion:164 Resp: 148447
Ion Ratio Lower Upper
164 100
162 103.8 80.8 121.2
160 45.6 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 50.886 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54

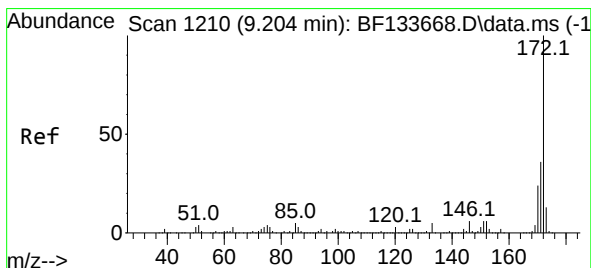
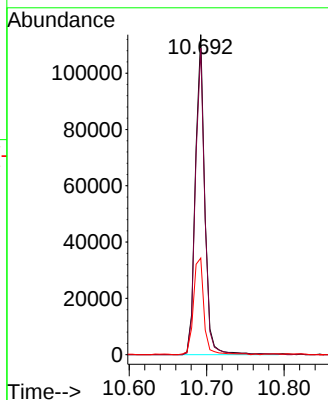
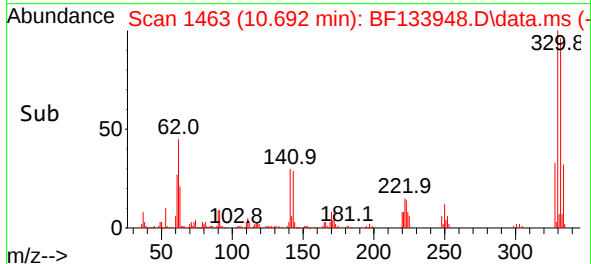
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-MC03



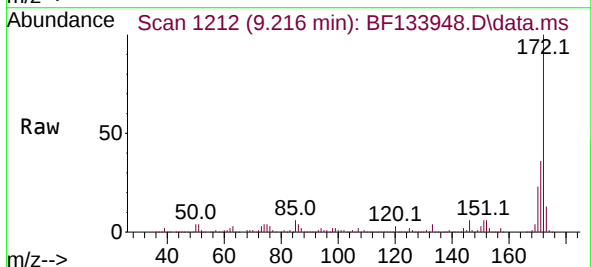
Tgt Ion:330 Resp: 95619
Ion Ratio Lower Upper
330 100
332 95.4 77.2 115.8
141 33.7 24.9 37.3

Manual Integrations
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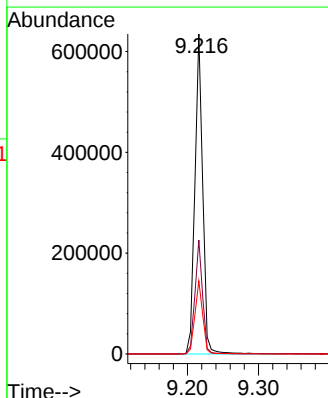
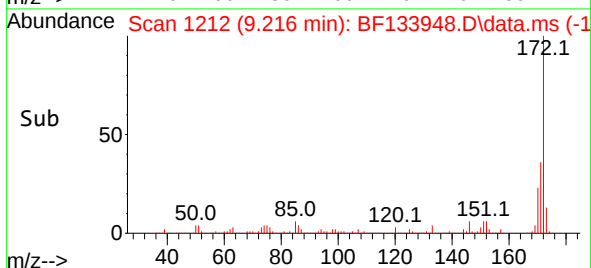
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

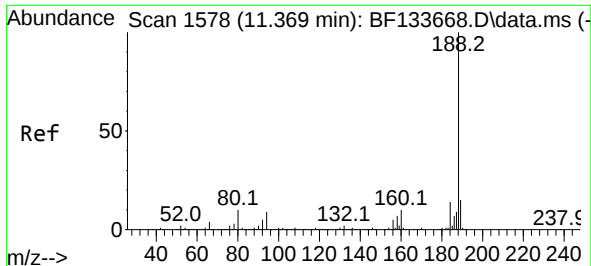


#45
2-Fluorobiphenyl
Concen: 46.779 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54



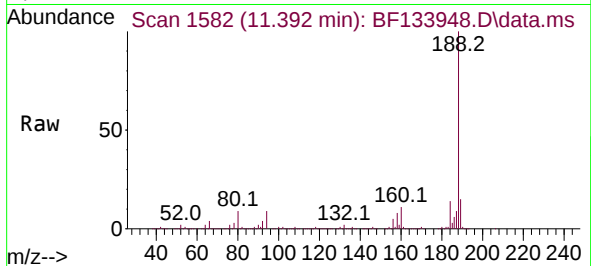
Tgt Ion:172 Resp: 488511
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 22.8 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11392
Delta R.T. 0.000 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54

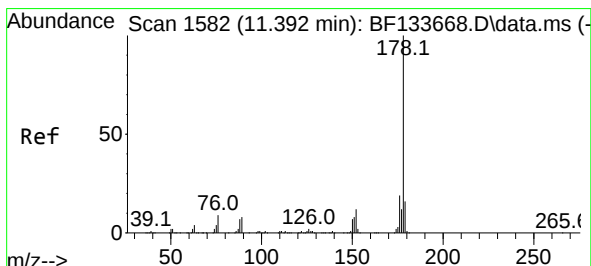
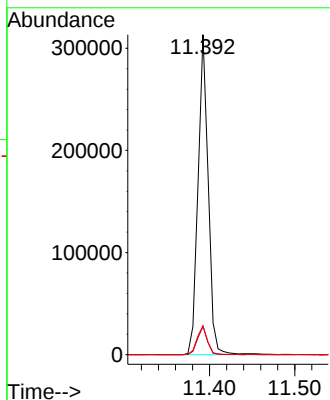
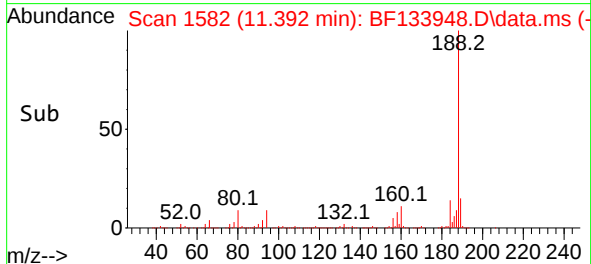
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-MC03



Tgt Ion:188 Resp: 260549
Ion Ratio Lower Upper
188 100
94 8.8 6.8 10.2
80 9.1 7.8 11.6

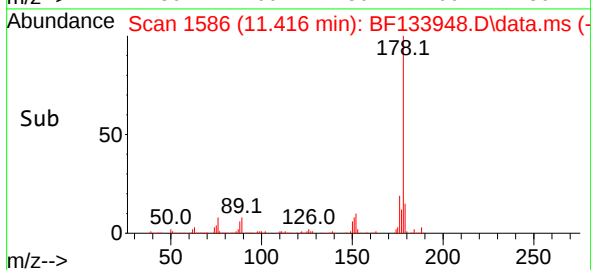
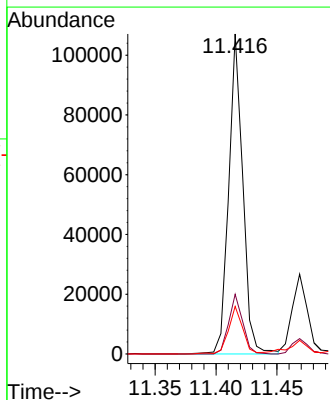
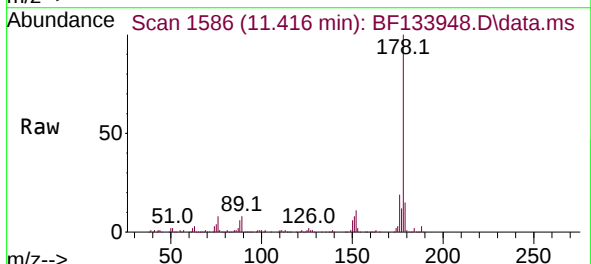
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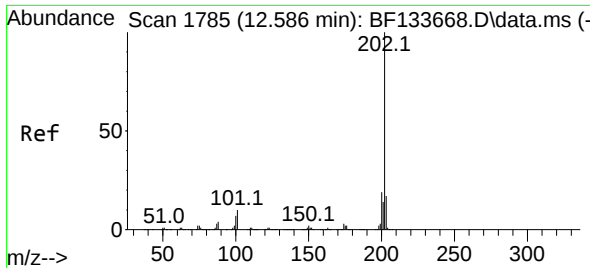
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#71
Phenanthrene
Concen: 6.542 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54

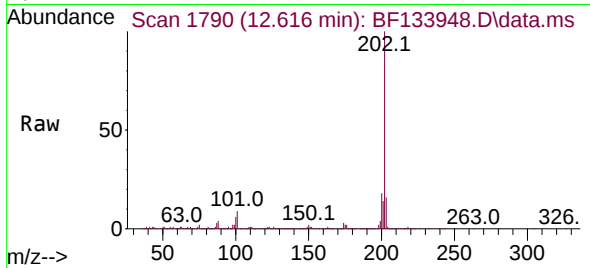
Tgt Ion:178 Resp: 86484
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 14.9 12.4 18.6





#75
Fluoranthene
Concen: 14.149 ng
RT: 12.616 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54

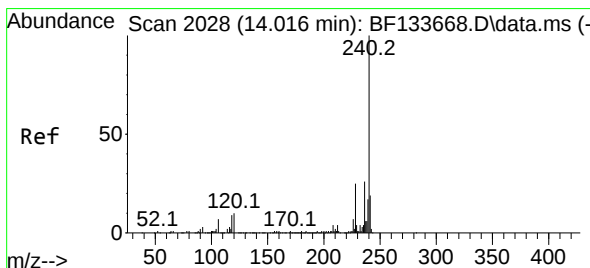
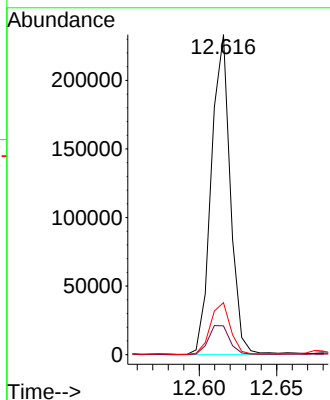
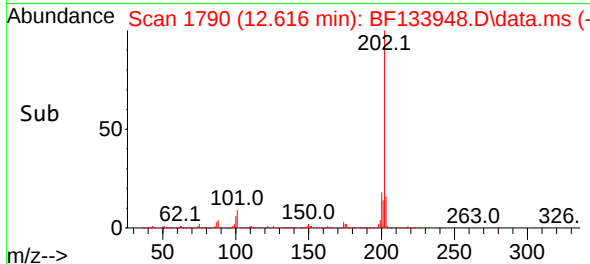
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-MC03



Tgt Ion:202 Resp: 19861
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.6
203 16.3 0.0 37.4

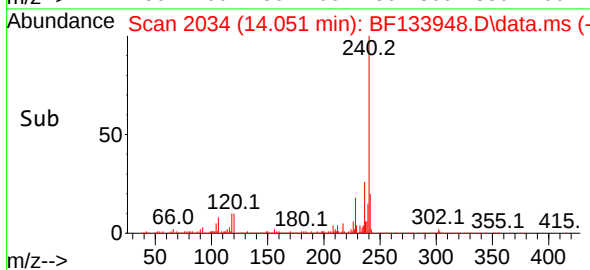
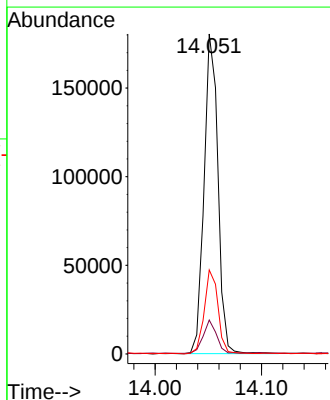
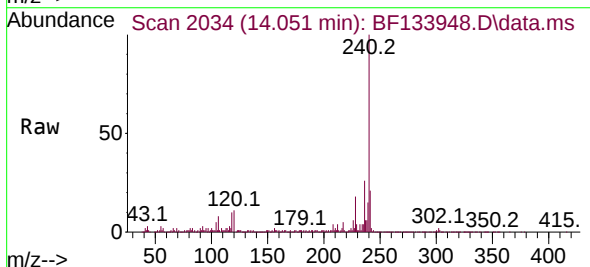
Manual Integrations
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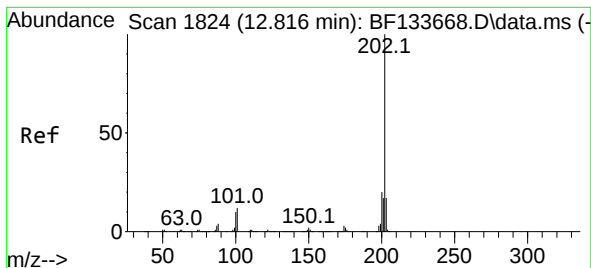
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54

Tgt Ion:240 Resp: 163299
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 26.2 20.5 30.7





#78

Pyrene

Concen: 11.888 ng

RT: 12.845 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF133948.D

Acq: 23 Jun 2023 17:54

Instrument :

BNA_F

ClientSampleId :

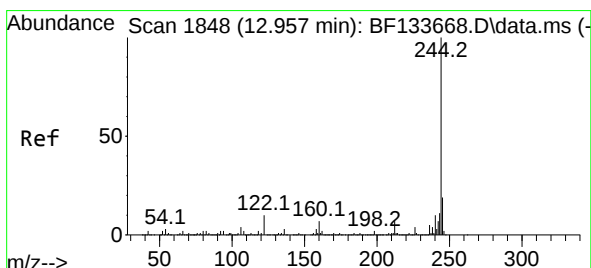
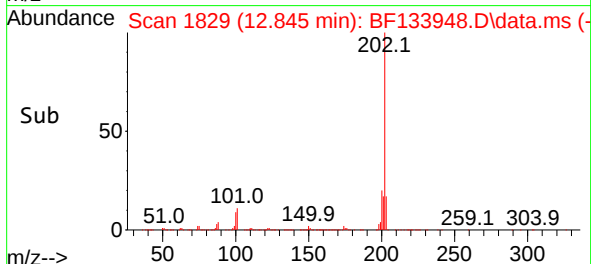
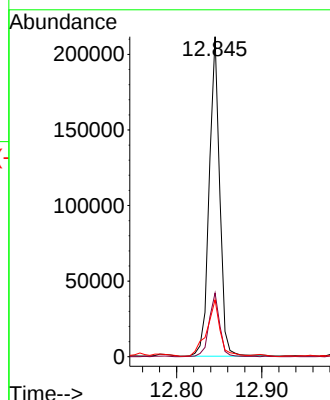
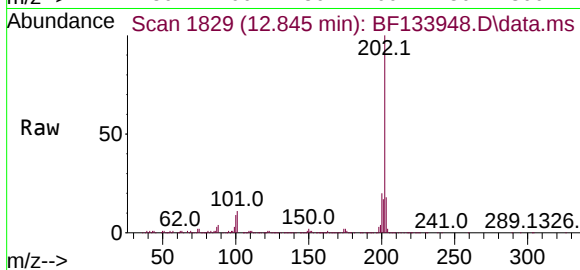
COMPOSITE-MC03

Tgt Ion:202 Resp: 180835
 Ion Ratio Lower Upper
 202 100
 200 19.9 16.2 24.2
 203 17.8 13.9 20.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023



#79

Terphenyl-d14

Concen: 42.565 ng

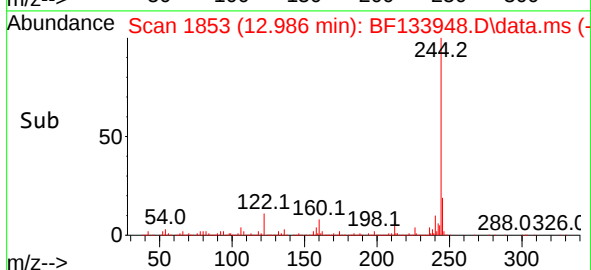
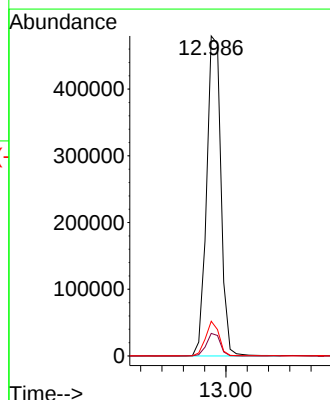
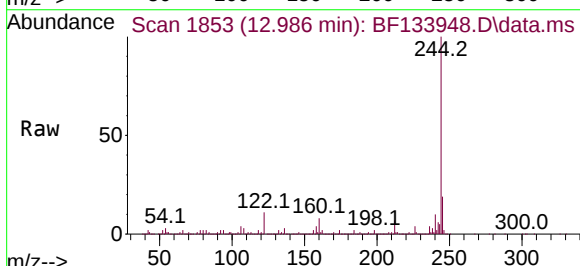
RT: 12.986 min Scan# 1853

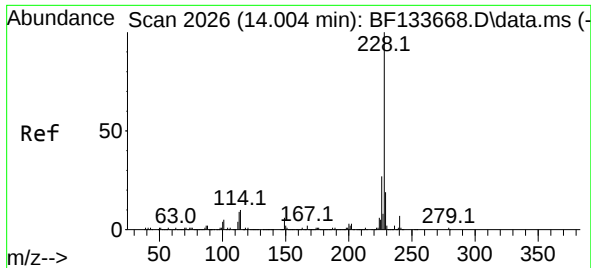
Delta R.T. -0.006 min

Lab File: BF133948.D

Acq: 23 Jun 2023 17:54

Tgt Ion:244 Resp: 449211
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.8 8.1 12.1





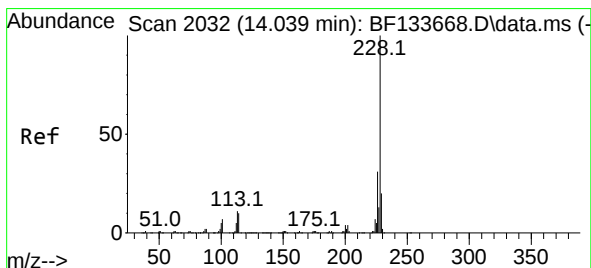
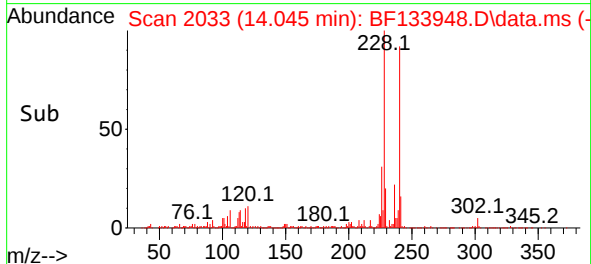
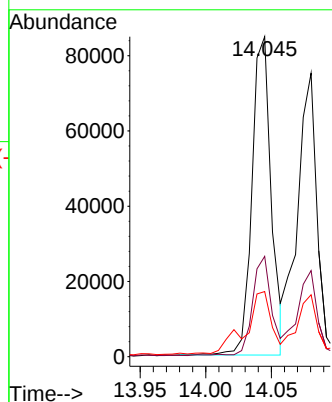
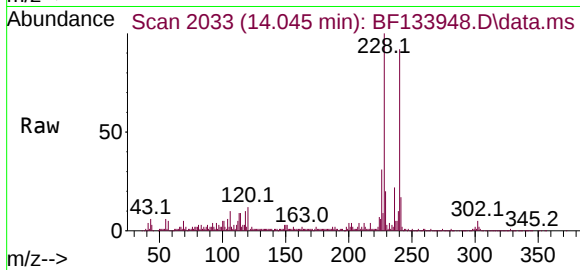
#81
Benzo(a)anthracene
Concen: 7.629 ng
RT: 14.045 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-MC03

Tgt Ion:228 Resp: 86170
Ion Ratio Lower Upper
228 100
226 31.3 21.7 32.5
229 20.4 15.4 23.2

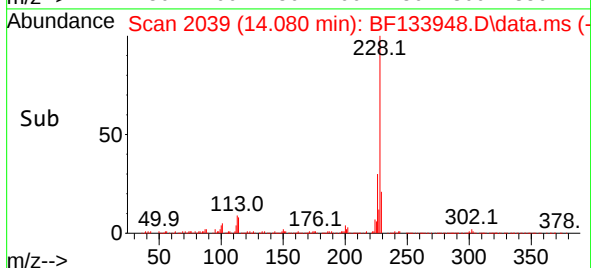
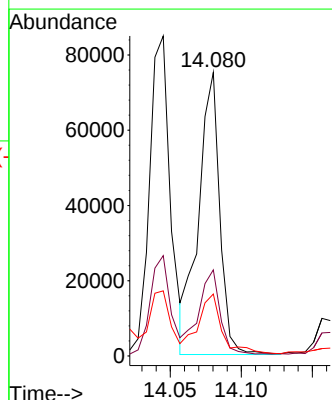
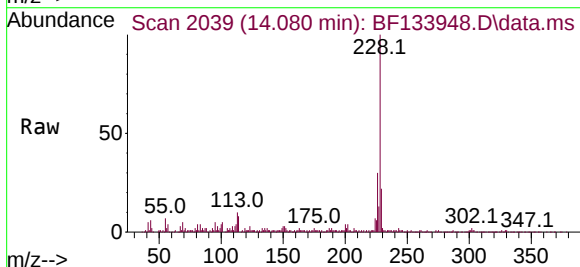
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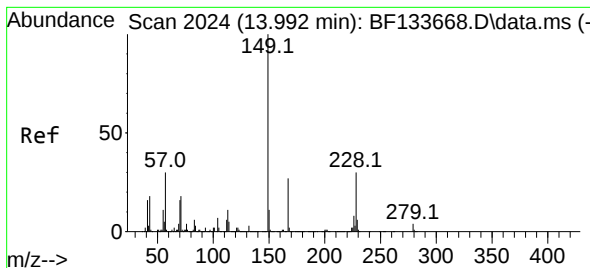
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#83
Chrysene
Concen: 7.349 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54

Tgt Ion:228 Resp: 78517
Ion Ratio Lower Upper
228 100
226 30.3 25.0 37.6
229 21.8 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.814 ng

RT: 14.033 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF133948.D

Acq: 23 Jun 2023 17:54

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-MC03

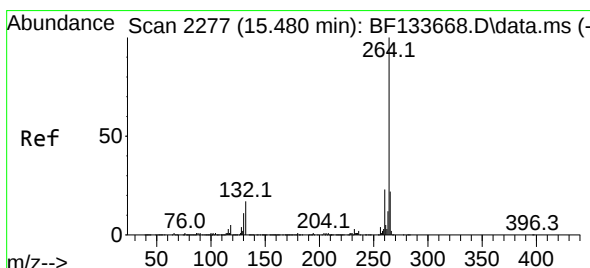
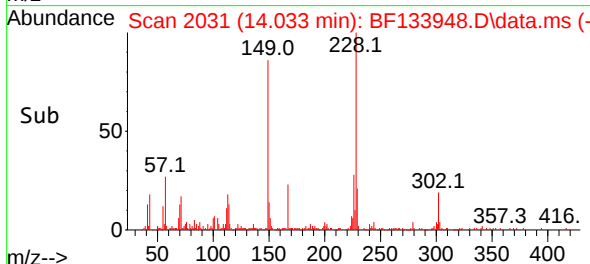
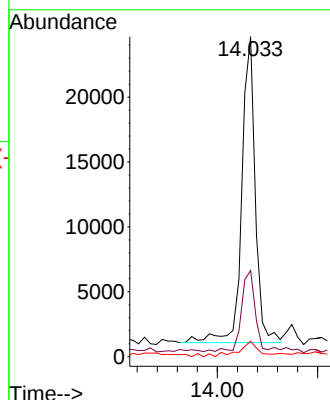
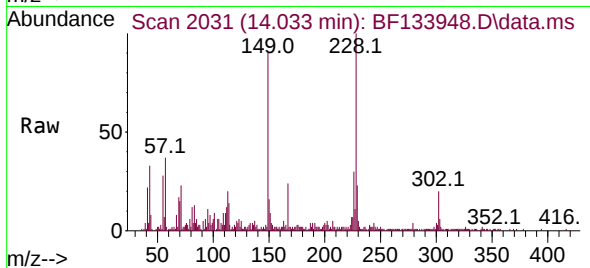
Tgt Ion:149	Resp:	2225
Ion Ratio	Lower	Upper
149	100	
167	26.9	21.8 32.8
279	4.8	3.3 4.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#86

Perylene-d12

Concen: 20.000 ng

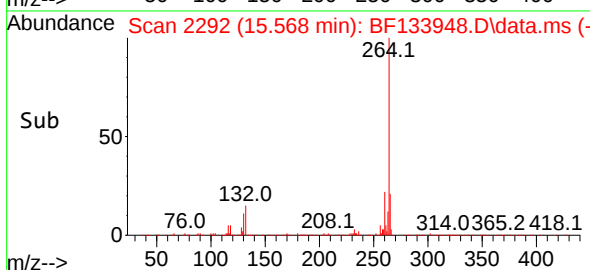
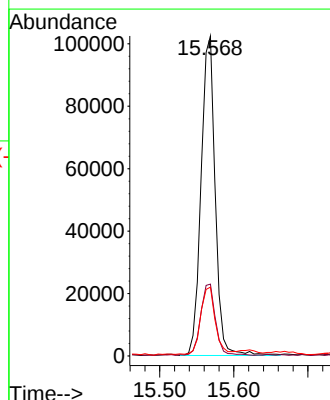
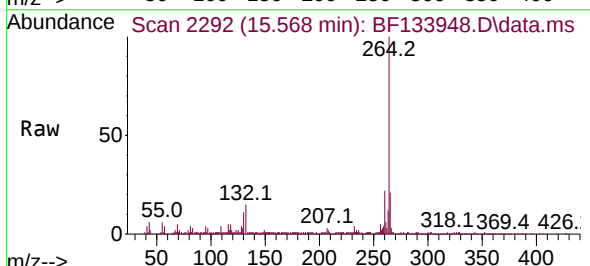
RT: 15.568 min Scan# 2292

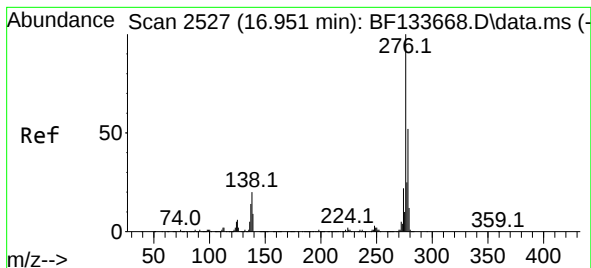
Delta R.T. 0.006 min

Lab File: BF133948.D

Acq: 23 Jun 2023 17:54

Tgt Ion:264	Resp:	135768
Ion Ratio	Lower	Upper
264	100	
260	22.5	18.2 27.2
265	21.5	17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.785 ng

RT: 17.115 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF133948.D

Acq: 23 Jun 2023 17:54

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-MC03

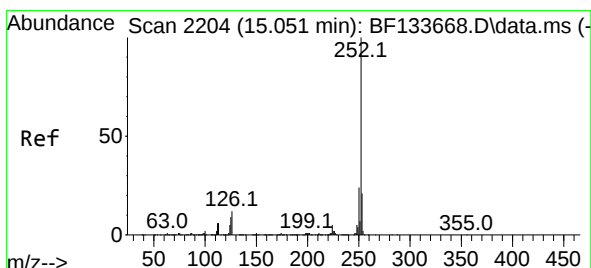
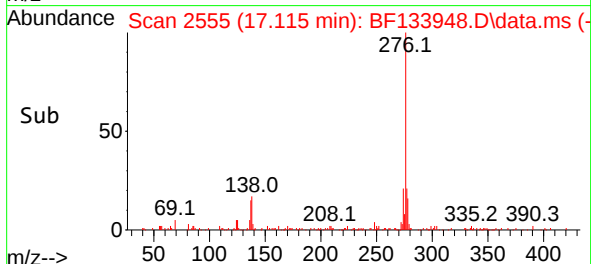
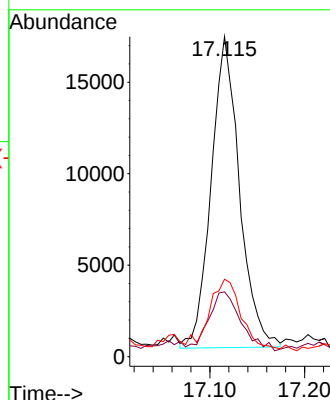
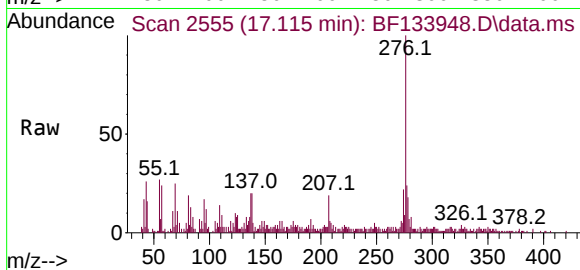
Tgt Ion:	276	Resp:	3535
Ion Ratio	Lower	Upper	
276	100		
138	20.2	17.9	26.9
277	24.3	20.3	30.5

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#88

Benzo(b)fluoranthene

Concen: 12.564 ng m

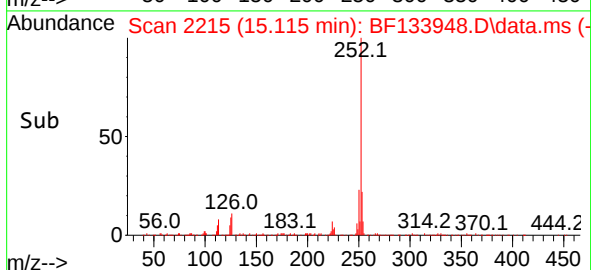
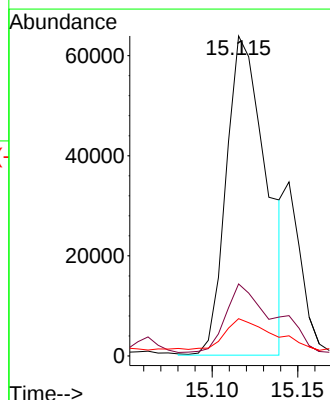
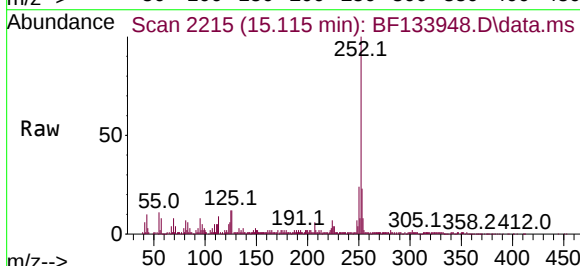
RT: 15.115 min Scan# 2215

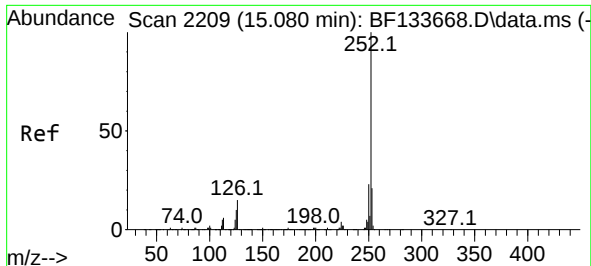
Delta R.T. 0.000 min

Lab File: BF133948.D

Acq: 23 Jun 2023 17:54

Tgt Ion:	252	Resp:	103620
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.6
125	11.6	7.3	10.9





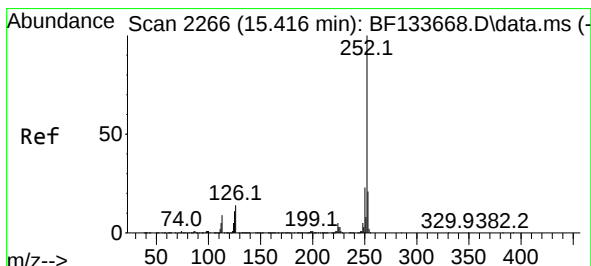
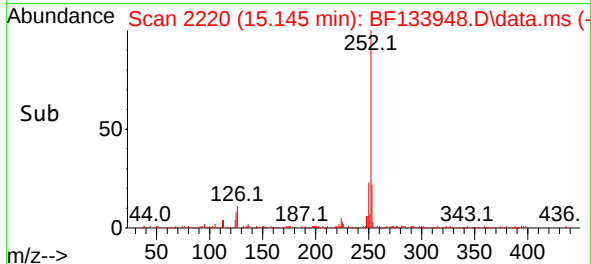
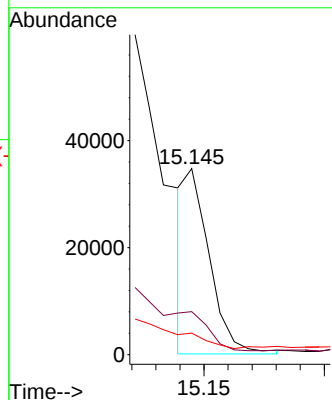
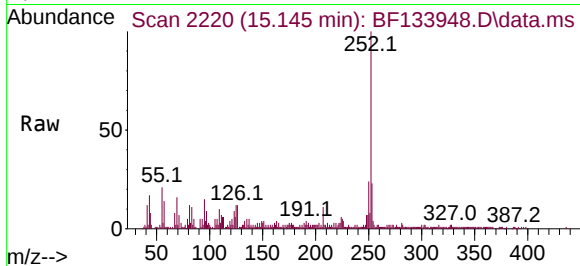
#89
Benzo(k)fluoranthene
Concen: 3.003 ng m
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-MC03

Tgt Ion:252 Resp: 24129
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.4
125 11.6 7.8 11.6

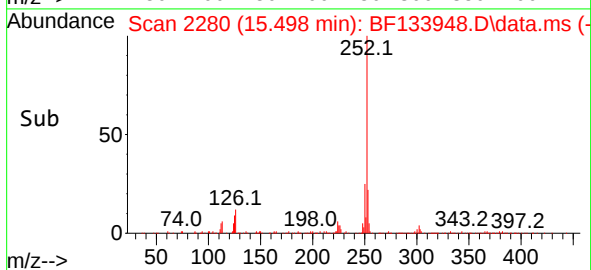
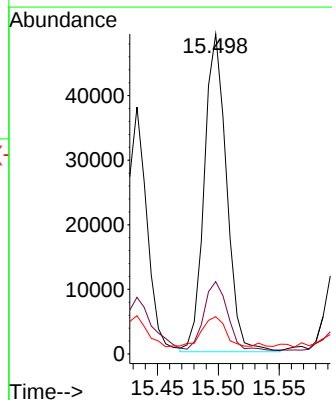
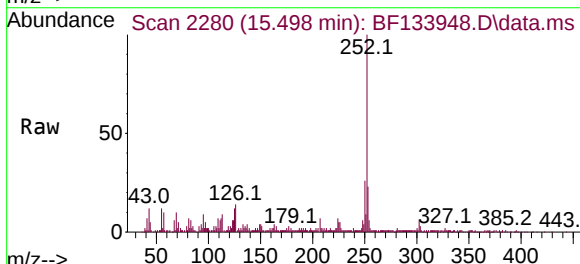
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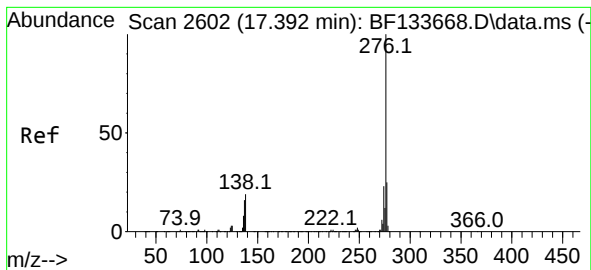
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#90
Benzo(a)pyrene
Concen: 8.159 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54

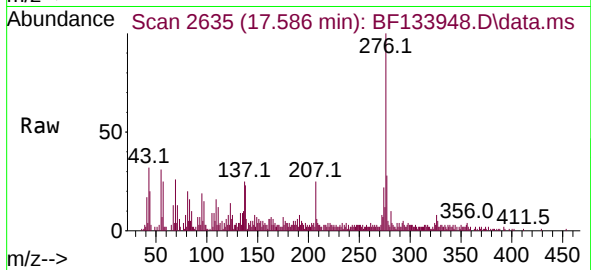
Tgt Ion:252 Resp: 62448
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 11.7 8.6 13.0





#92
Benzo(g,h,i)perylene
Concen: 4.432 ng
RT: 17.586 min Scan# 2635
Delta R.T. -0.006 min
Lab File: BF133948.D
Acq: 23 Jun 2023 17:54

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-MC03



Tgt Ion:276 Resp: 33979
Ion Ratio Lower Upper
276 100
277 28.5 19.8 29.8
138 29.0 15.0 22.4

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Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

