

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF134015.D
 Acq On : 28 Jun 2023 05:53
 Operator : CG\JU
 Sample : 03355-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 06:22:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	123164	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	468489	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	184880	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	293742	20.000	ng	0.00
76) Chrysene-d12	14.045	240	175291	20.000	ng	0.00
86) Perylene-d12	15.551	264	149853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	572002	77.687	ng	0.00
7) Phenol-d6	6.487	99	692842	76.516	ng	0.00
23) Nitrobenzene-d5	7.410	82	450967	51.889	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	134994	58.237	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	771018	60.633	ng	0.00
79) Terphenyl-d14	12.980	244	706361	64.854	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.404	178	57588	3.894	ng	98
75) Fluoranthene	12.604	202	231629	14.489	ng	99
78) Pyrene	12.833	202	228941	14.034	ng	100
81) Benzo(a)anthracene	14.033	228	101733	8.368	ng	93
83) Chrysene	14.069	228	81121	6.889	ng	97
84) Bis(2-ethylhexyl)phtha...	14.021	149	14691	2.090	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.092	276	40539	3.899	ng	97
88) Benzo(b)fluoranthene	15.104	252	115188m	13.072	ng	
89) Benzo(k)fluoranthene	15.133	252	29172m	3.252	ng	
90) Benzo(a)pyrene	15.486	252	70064	8.223	ng	# 93
92) Benzo(g,h,i)perylene	17.568	276	40187	4.588	ng	96

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

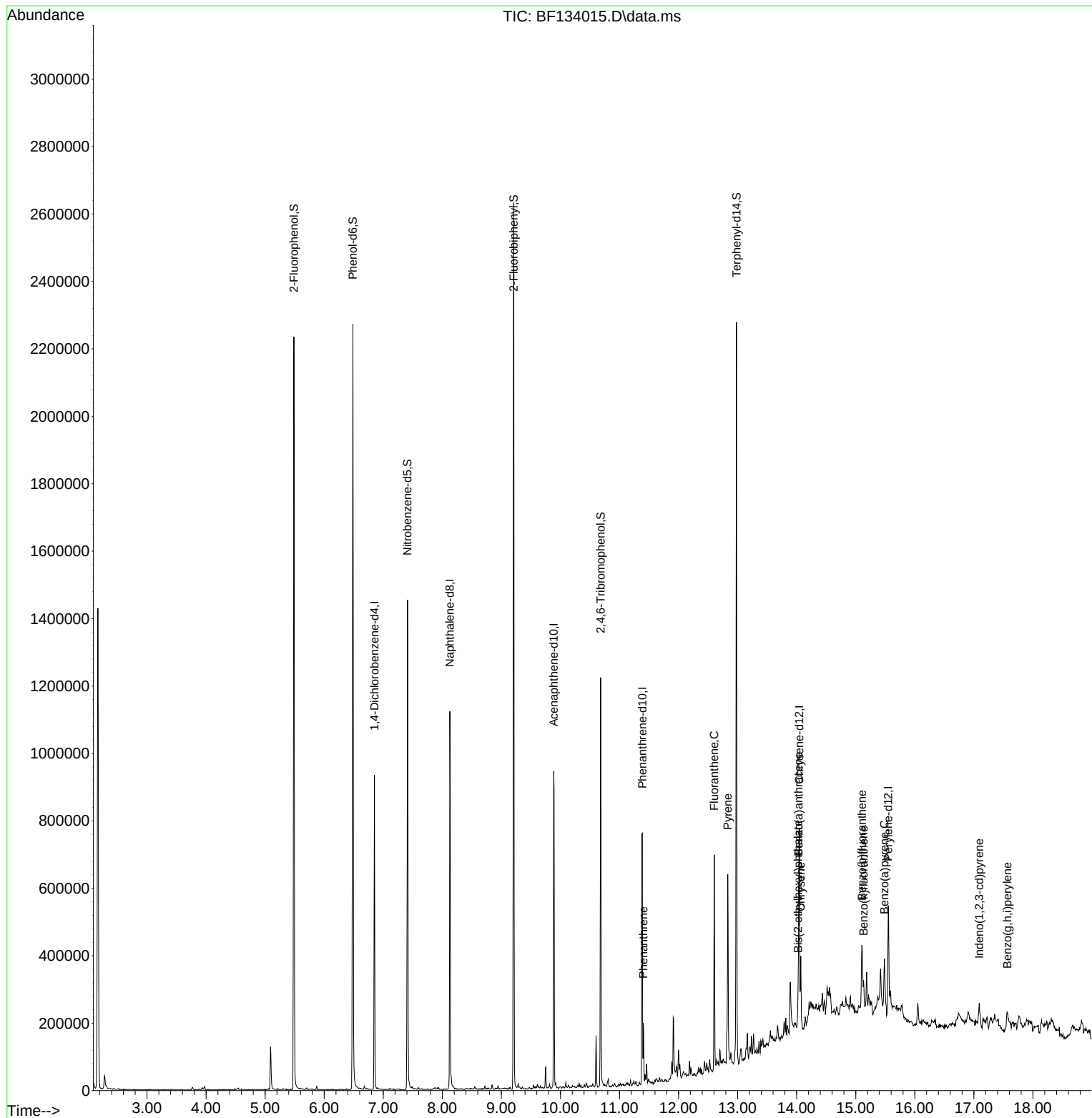
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF134015.D
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ALS Vial : 32 Sample Multiplier: 1

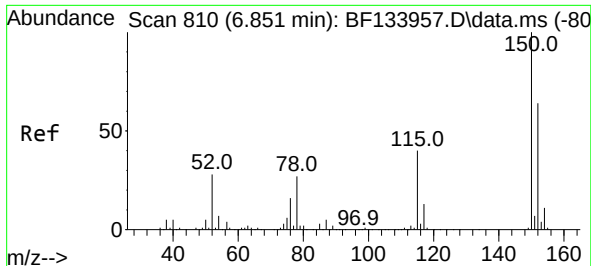
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Quant Time: Jun 28 06:22:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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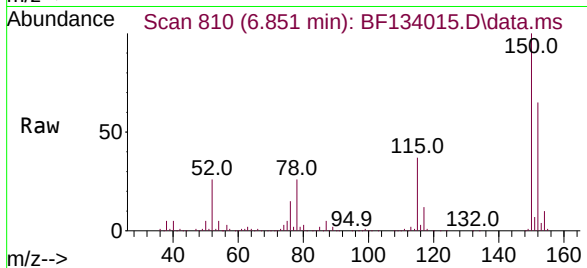
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

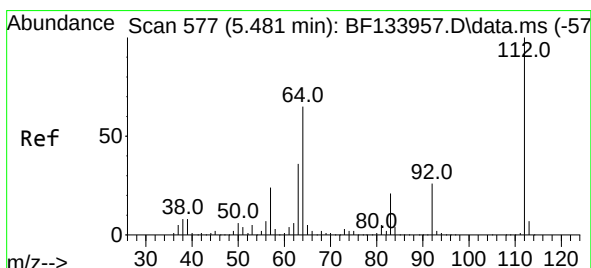
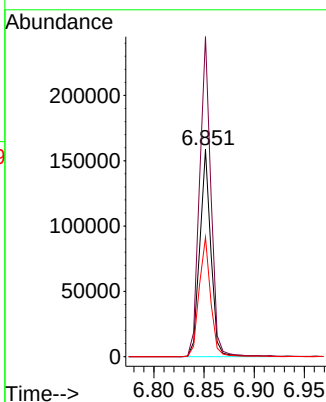
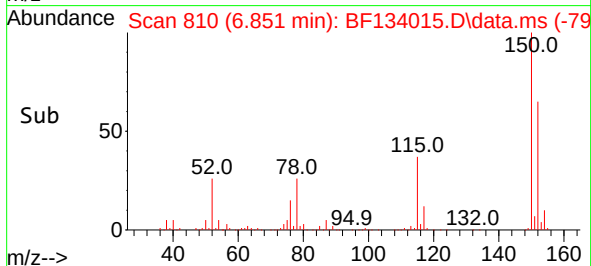


Tgt Ion:152 Resp: 123164
Ion Ratio Lower Upper
152 100
150 154.5 124.5 186.7
115 57.6 50.2 75.2

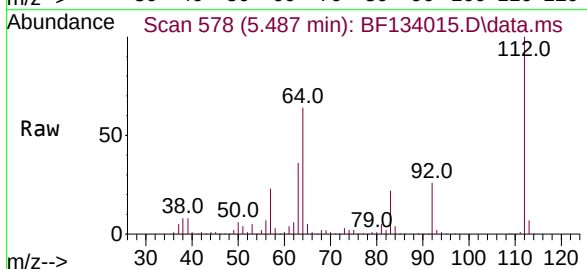
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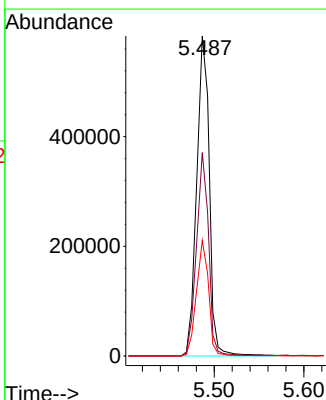
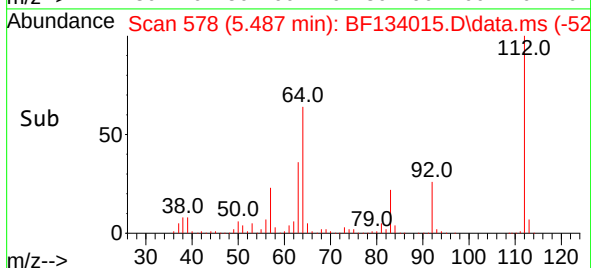
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

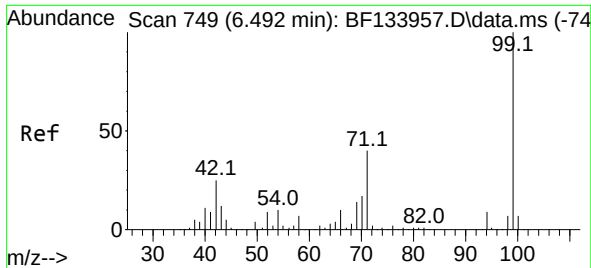


#5
2-Fluorophenol
Concen: 77.687 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53



Tgt Ion:112 Resp: 572002
Ion Ratio Lower Upper
112 100
64 63.6 52.1 78.1
63 36.1 28.6 42.8





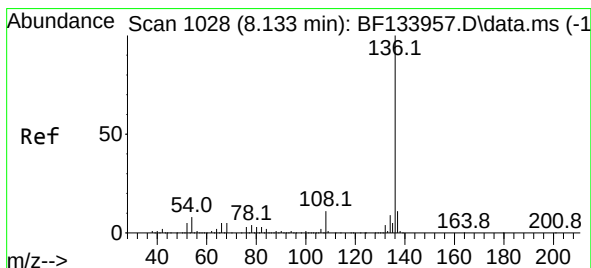
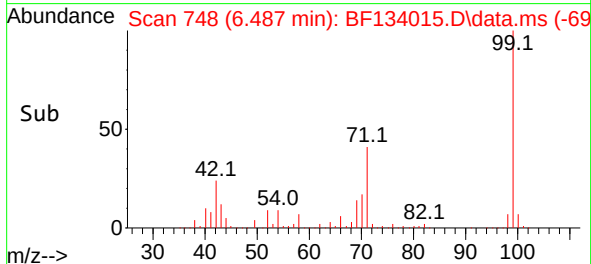
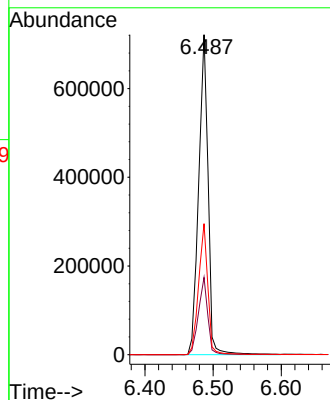
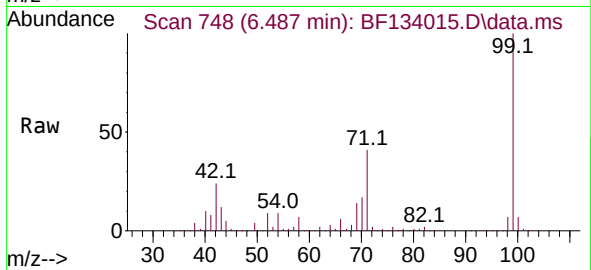
#7
Phenol-d6
Concen: 76.516 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 99 Resp: 69284
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.6
71 40.9 31.9 47.9

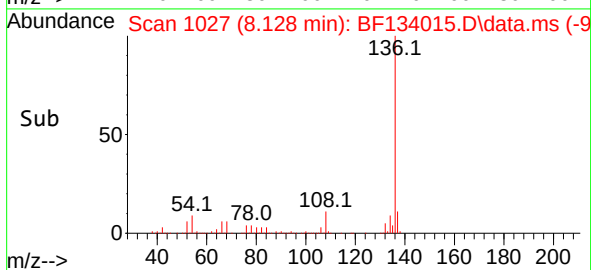
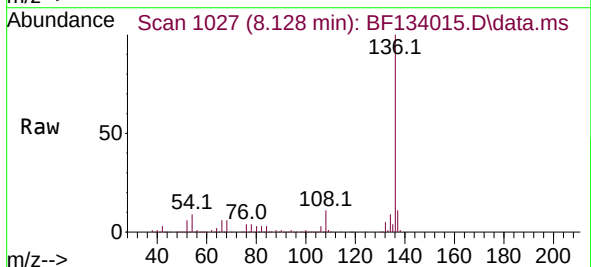
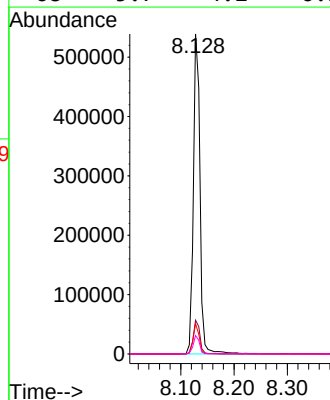
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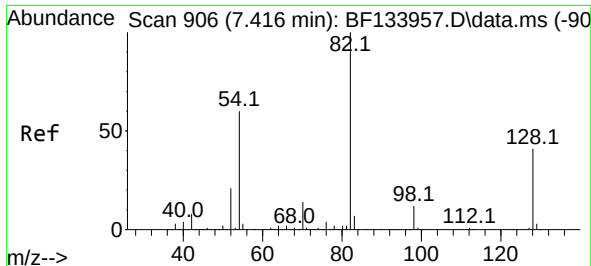
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53

Tgt Ion:136 Resp: 468489
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.5 6.5 9.7
68 5.7 4.2 6.2





#23
Nitrobenzene-d5
Concen: 51.889 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53

Instrument :

BNA_F

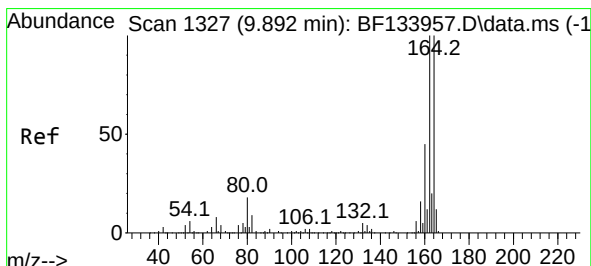
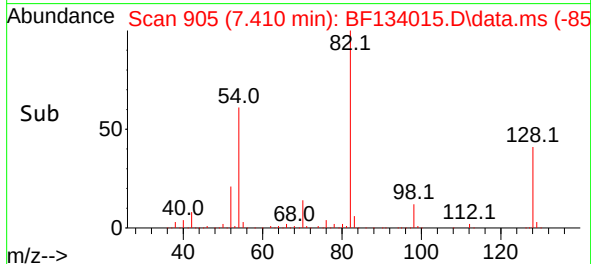
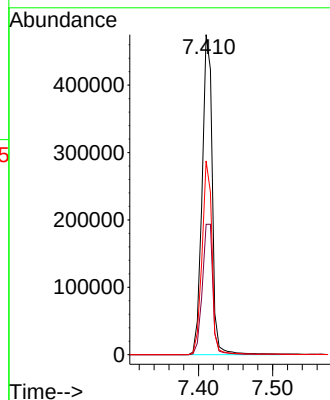
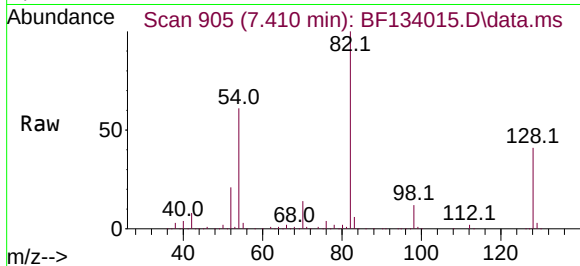
ClientSampleId :

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Tgt Ion: 82 Resp: 45096
Ion Ratio Lower Upper
82 100
128 40.8 32.5 48.7
54 60.6 48.2 72.2

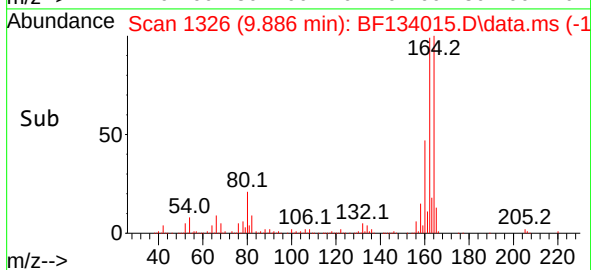
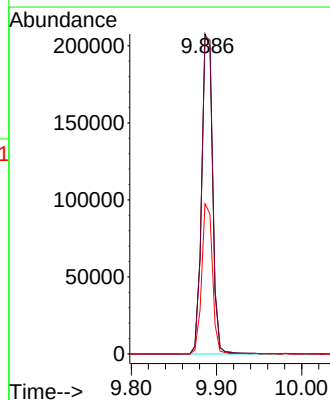
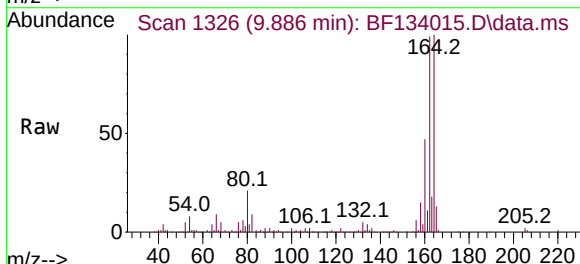
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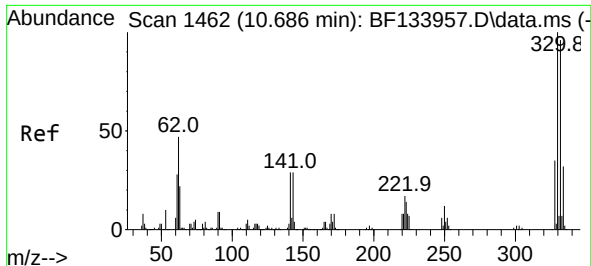
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53

Tgt Ion:164 Resp: 184880
Ion Ratio Lower Upper
164 100
162 99.4 80.0 120.0
160 46.9 35.9 53.9





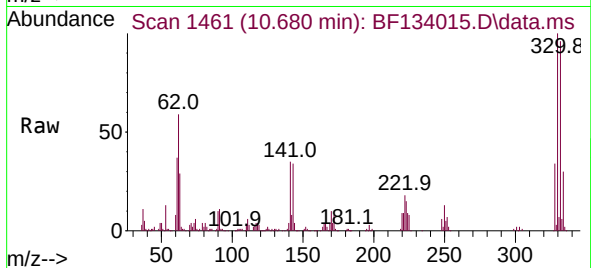
#42
2,4,6-Tribromophenol
Concen: 58.237 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

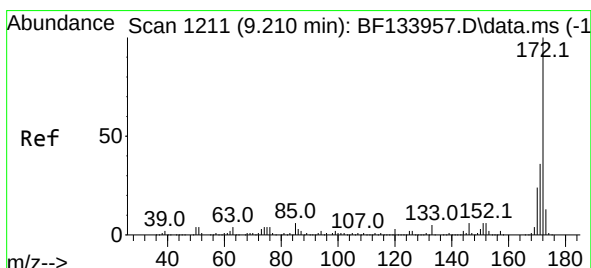
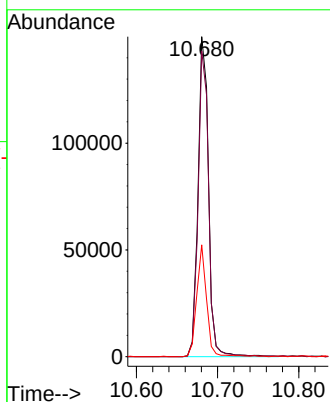
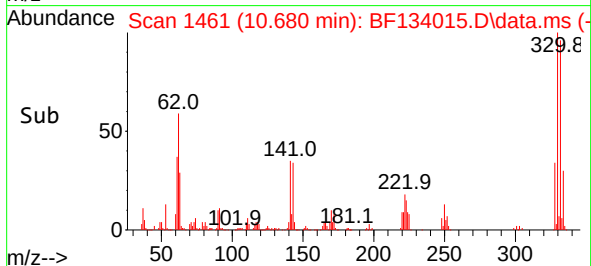


Tgt Ion:330 Resp: 134994
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 32.9 26.3 39.5

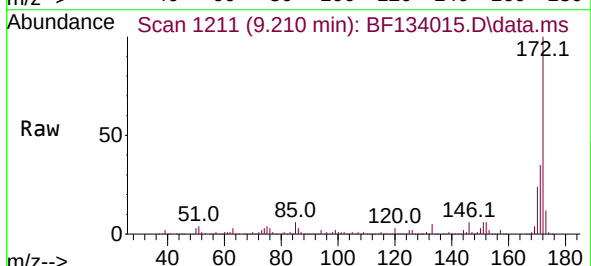
Manual Integrations

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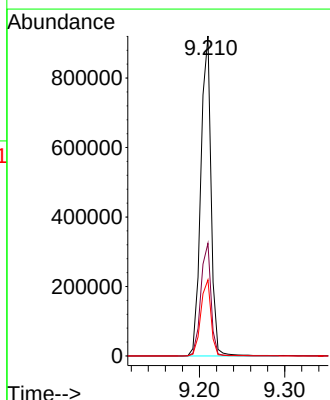
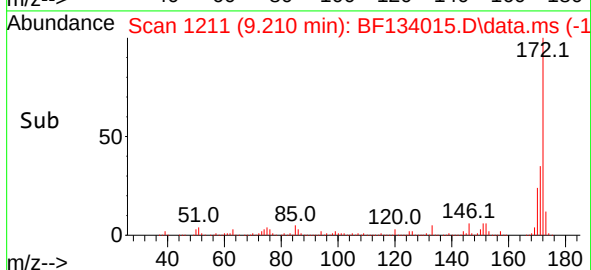
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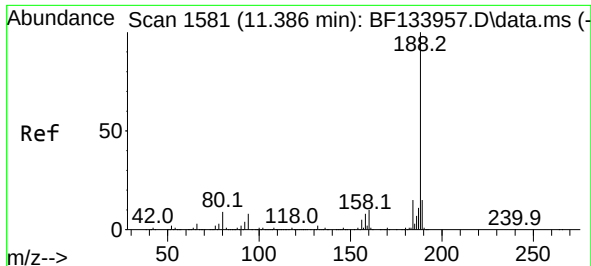


#45
2-Fluorobiphenyl
Concen: 60.633 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53



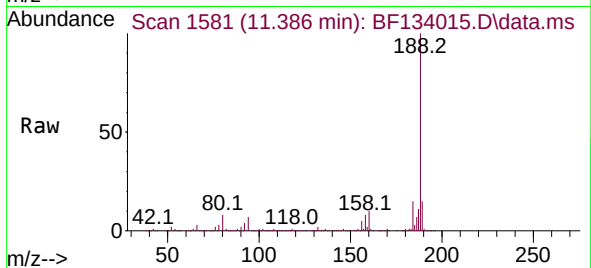
Tgt Ion:172 Resp: 771018
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.8 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53

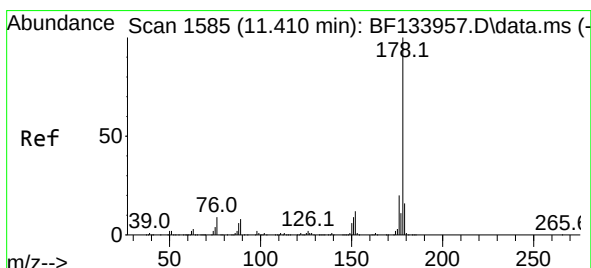
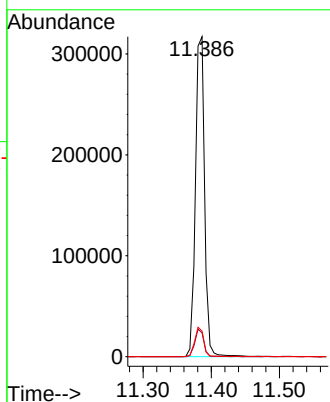
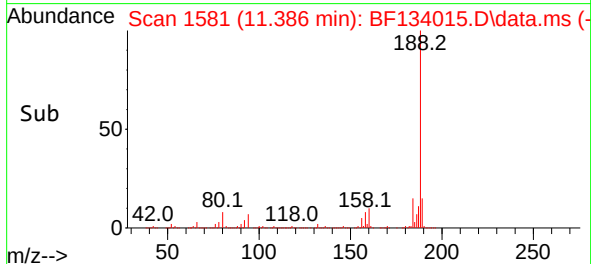
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP



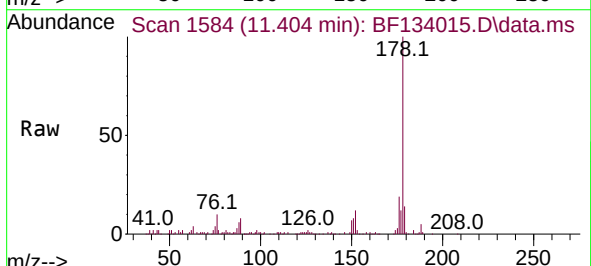
Tgt Ion:188 Resp: 29374
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.0 7.3 10.9

Manual Integrations
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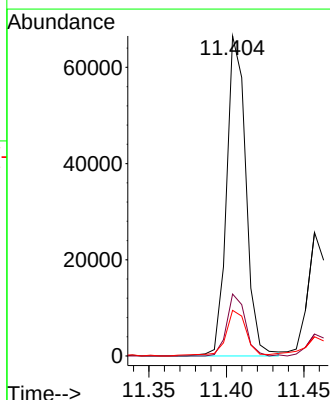
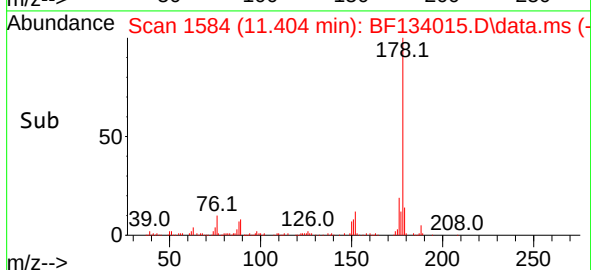
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

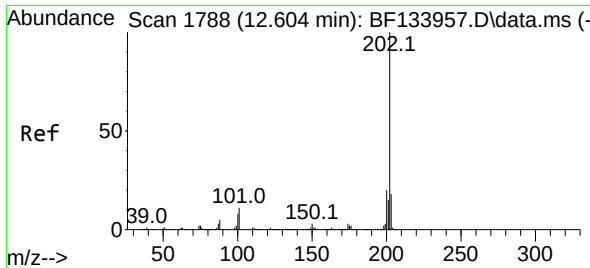


#71
Phenanthrene
Concen: 3.894 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53



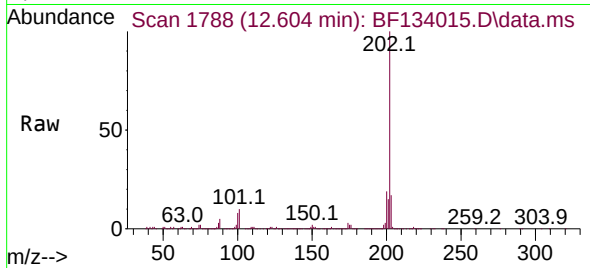
Tgt Ion:178 Resp: 57588
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 14.2 12.4 18.6





#75
Fluoranthene
Concen: 14.489 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53

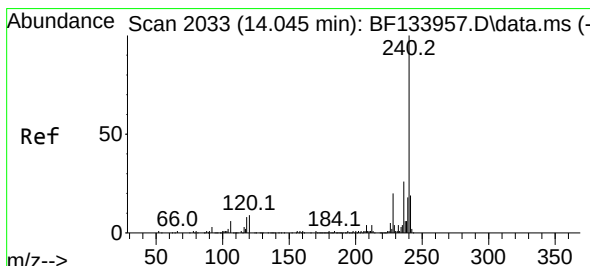
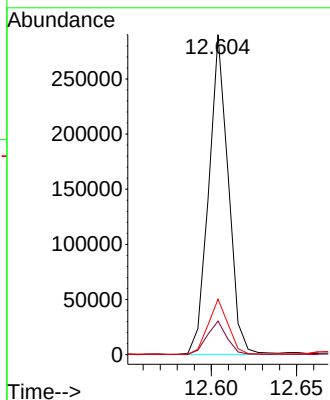
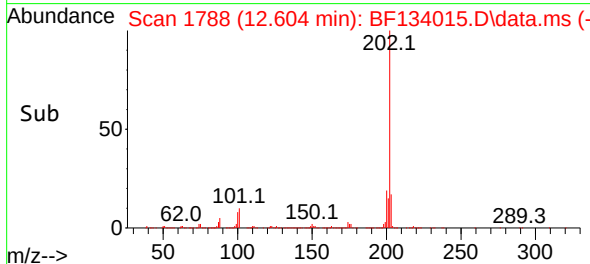
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:202 Resp: 231629
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.0
203 17.3 0.0 37.6

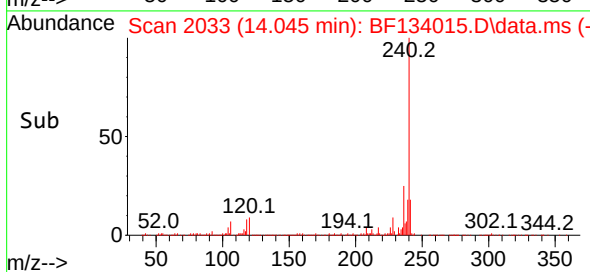
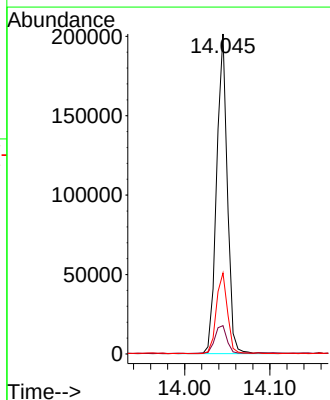
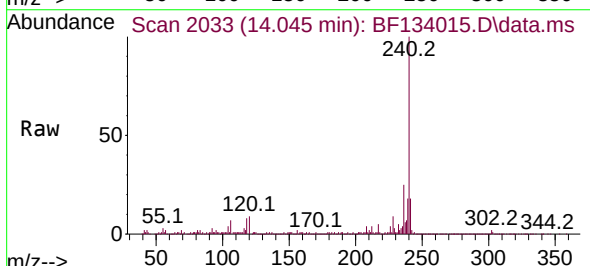
Manual Integrations
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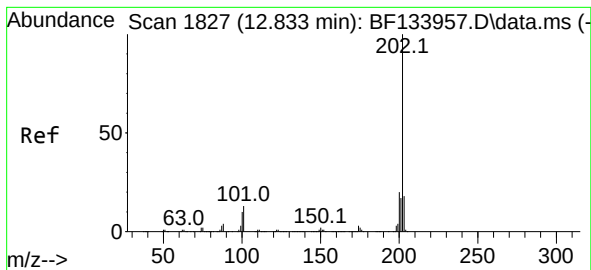
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53

Tgt Ion:240 Resp: 175291
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 25.3 21.0 31.6





#78

Pyrene

Concen: 14.034 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF134015.D

Acq: 28 Jun 2023 05:53

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

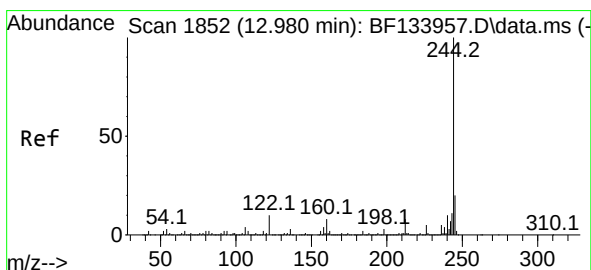
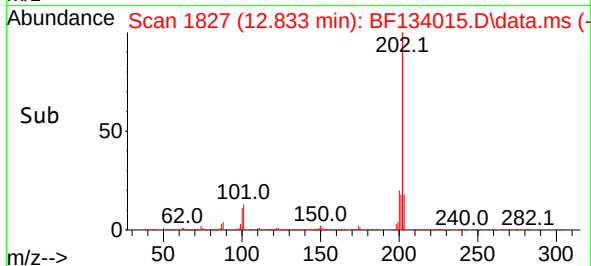
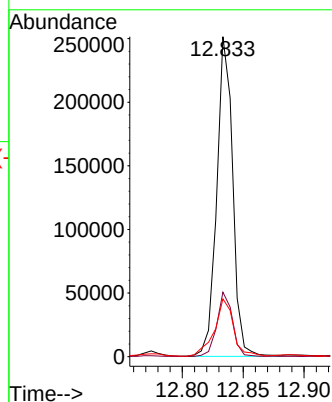
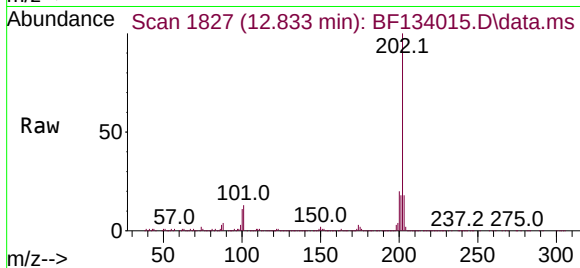
Tgt Ion:202 Resp: 22894
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.1 24.1
 203 18.0 14.3 21.5

Manual Integrations

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Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#79

Terphenyl-d14

Concen: 64.854 ng

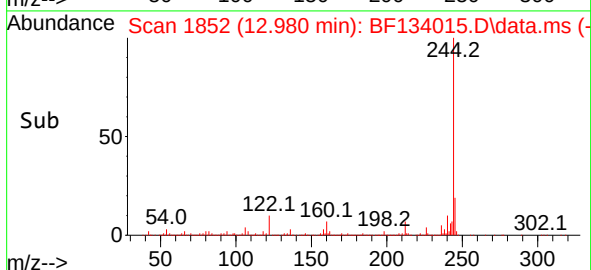
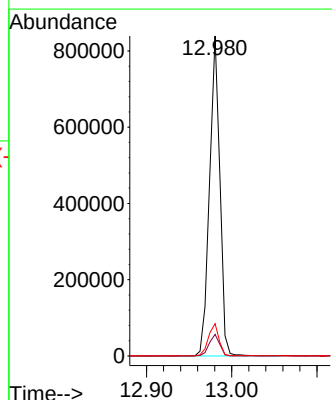
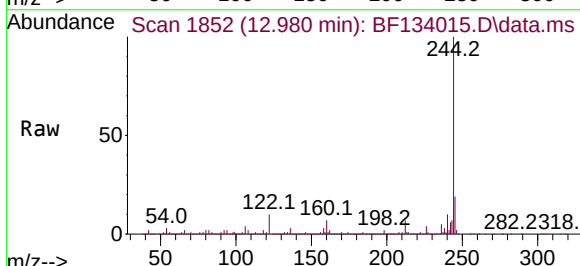
RT: 12.980 min Scan# 1852

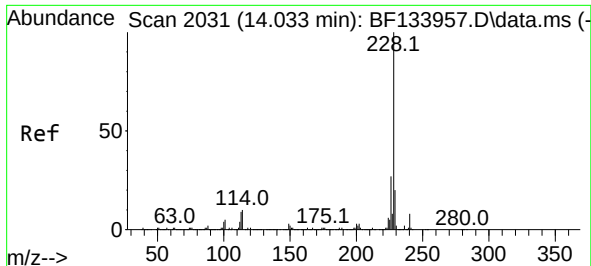
Delta R.T. 0.000 min

Lab File: BF134015.D

Acq: 28 Jun 2023 05:53

Tgt Ion:244 Resp: 706361
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 10.1 8.3 12.5





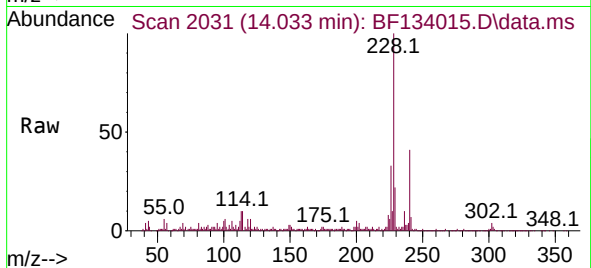
#81
Benzo(a)anthracene
Concen: 8.368 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

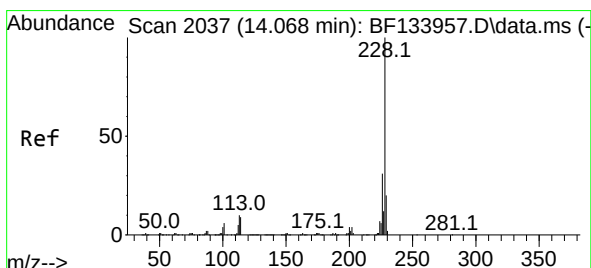
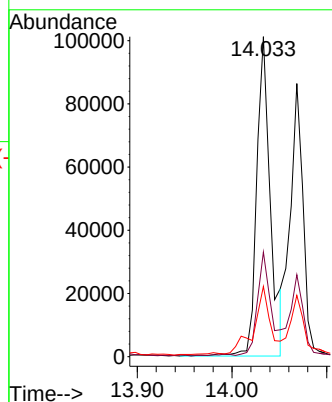
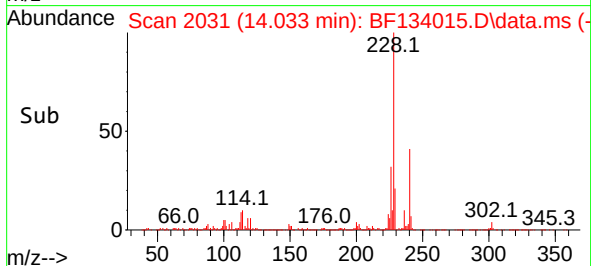


Tgt Ion:228 Resp: 10173
Ion Ratio Lower Upper
228 100
226 32.7 22.0 33.0
229 21.9 16.3 24.5

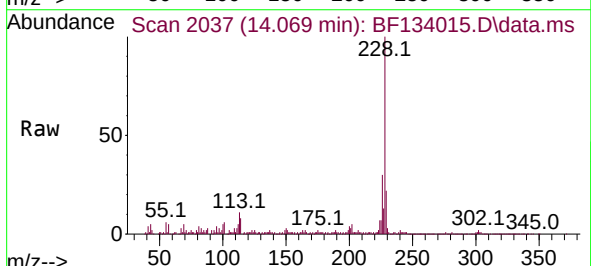
Manual Integrations

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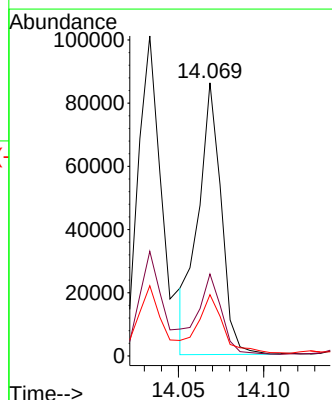
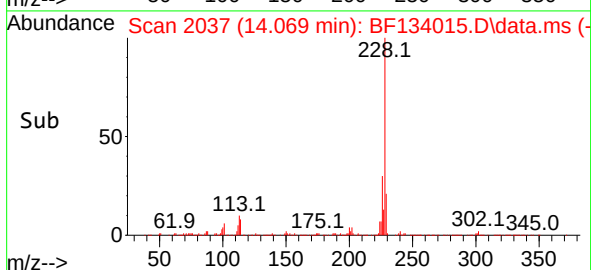
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

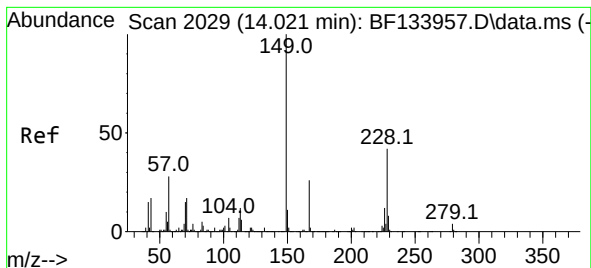


#83
Chrysene
Concen: 6.889 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53



Tgt Ion:228 Resp: 81121
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 22.4 16.1 24.1





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.090 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53

Instrument :

BNA_F

ClientSampleId :

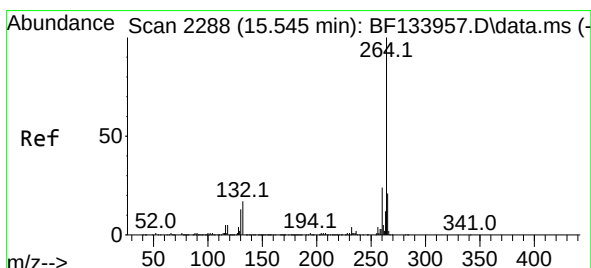
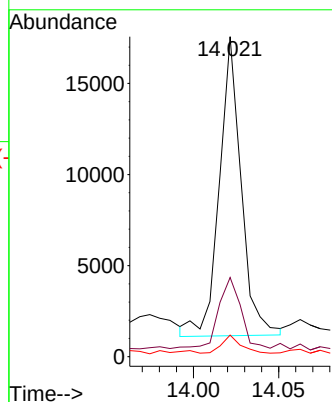
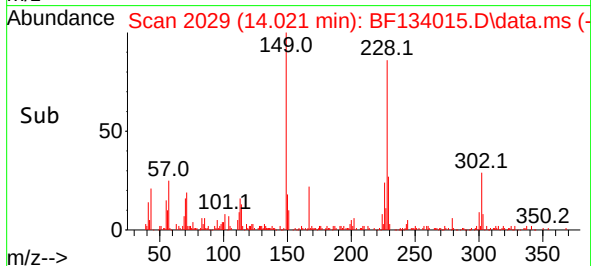
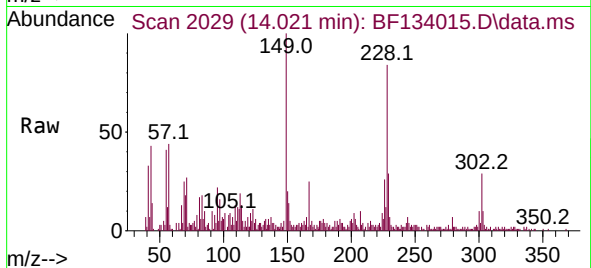
SB-01-COMP

Tgt Ion:149 Resp: 1469
Ion Ratio Lower Upper
149 100
167 24.8 21.0 31.4
279 6.7 3.3 4.9

Manual Integrations

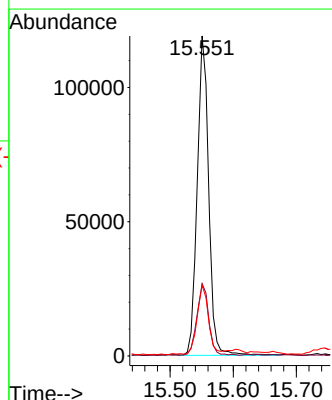
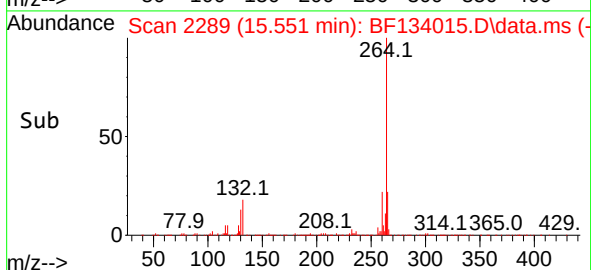
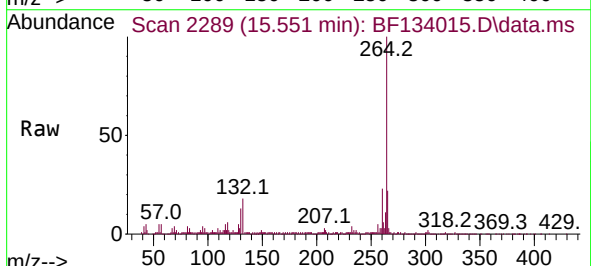
APPROVED

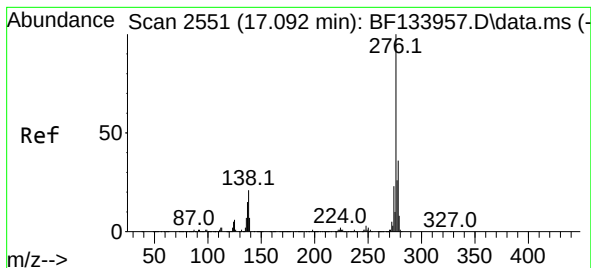
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53

Tgt Ion:264 Resp: 149853
Ion Ratio Lower Upper
264 100
260 22.6 19.5 29.3
265 22.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.899 ng

RT: 17.092 min Scan# 2551

Delta R.T. 0.000 min

Lab File: BF134015.D

Acq: 28 Jun 2023 05:53

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

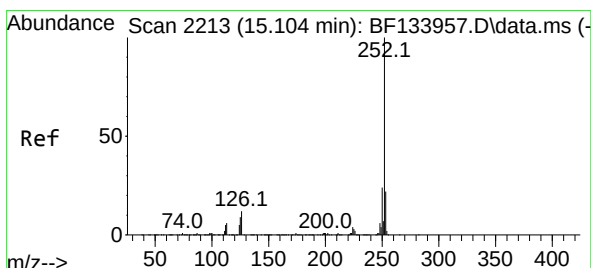
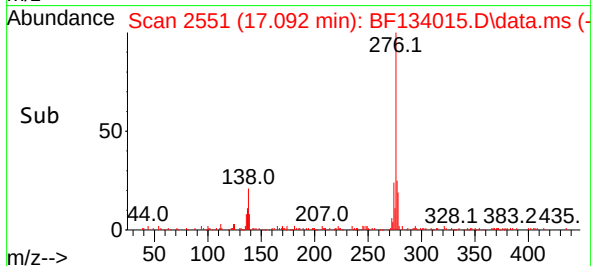
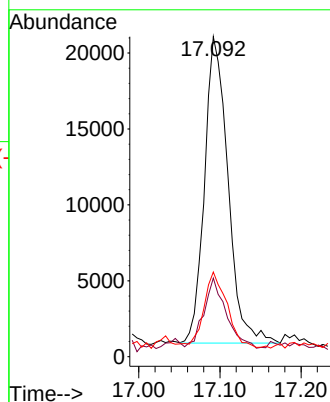
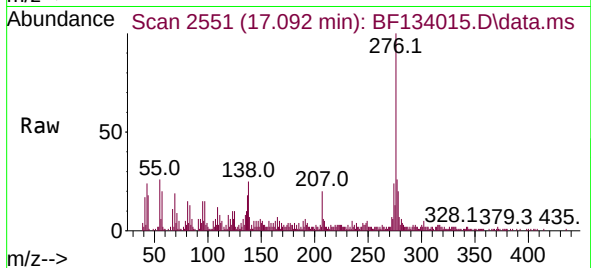
Tgt Ion:	276	Resp:	40539
Ion Ratio	Lower	Upper	
276	100		
138	21.5	18.7	28.1
277	24.1	19.9	29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023



#88

Benzo(b)fluoranthene

Concen: 13.072 ng m

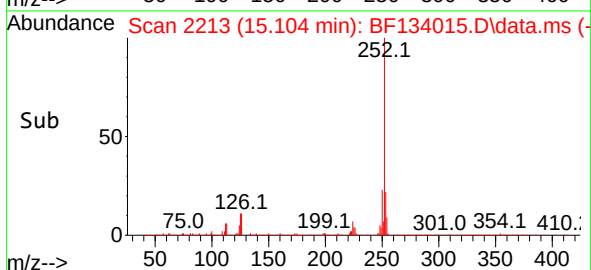
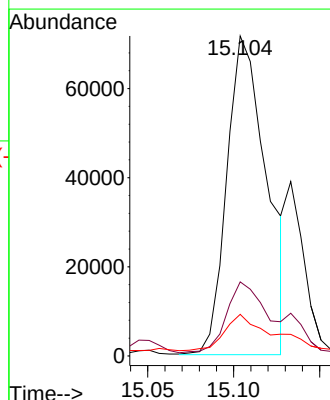
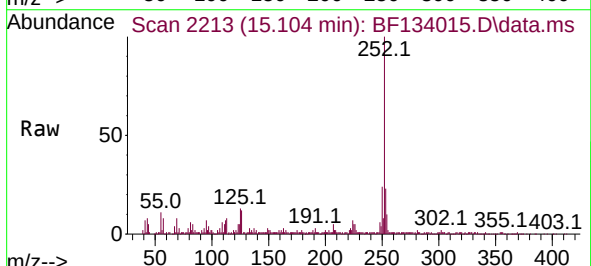
RT: 15.104 min Scan# 2213

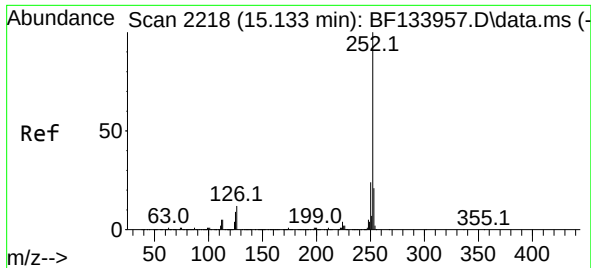
Delta R.T. 0.000 min

Lab File: BF134015.D

Acq: 28 Jun 2023 05:53

Tgt Ion:	252	Resp:	115188
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.0
125	13.0	7.1	10.7





#89
Benzo(k)fluoranthene
Concen: 3.252 ng m
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53

Instrument :

BNA_F

ClientSampleId :

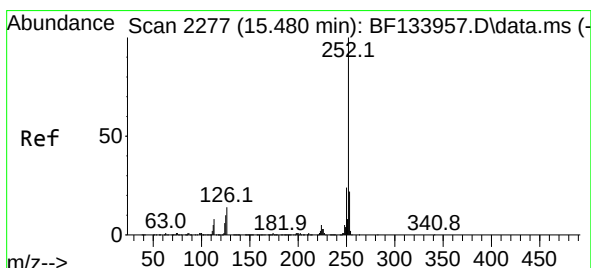
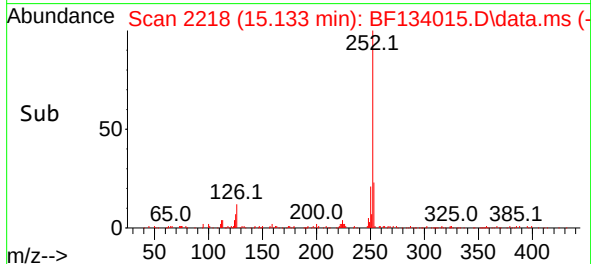
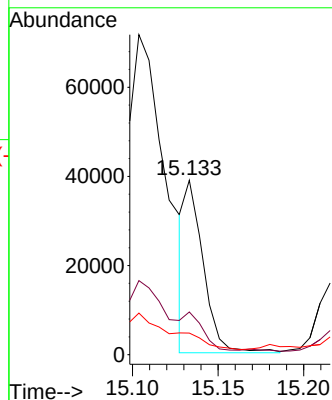
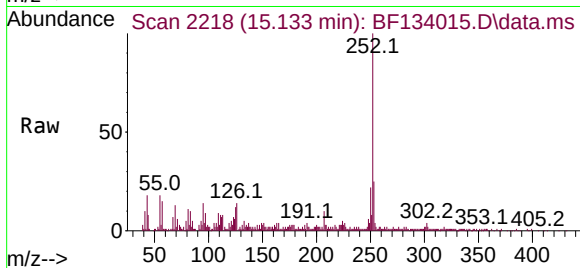
SB-01-COMP

Tgt Ion:252 Resp: 29172
Ion Ratio Lower Upper
252 100
253 24.5 16.9 25.3
125 12.4 7.4 11.2

Manual Integrations

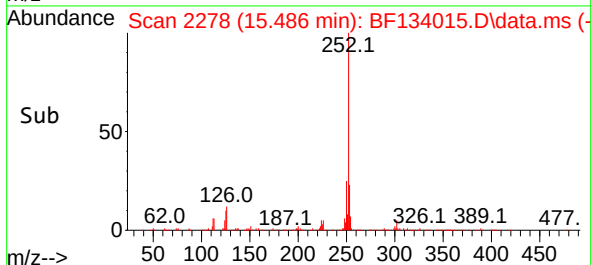
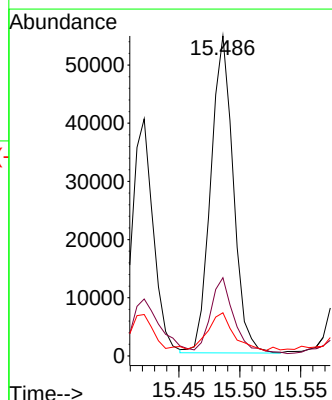
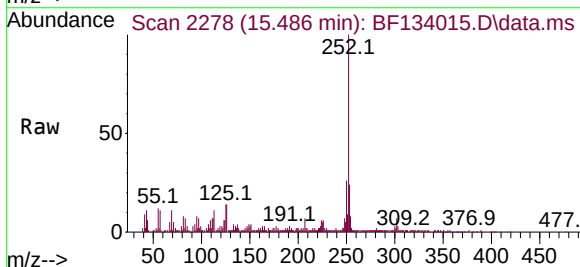
APPROVED

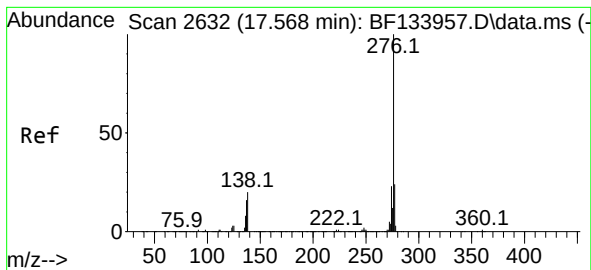
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023



#90
Benzo(a)pyrene
Concen: 8.223 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF134015.D
Acq: 28 Jun 2023 05:53

Tgt Ion:252 Resp: 70064
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.0
125 13.5 8.4 12.6





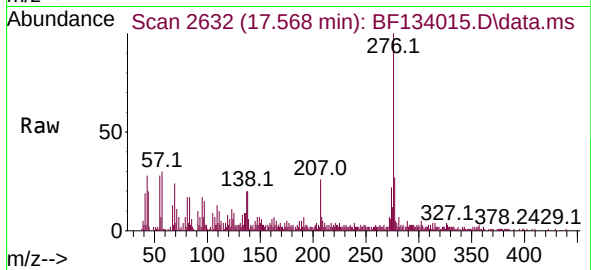
#92
 Benzo(g,h,i)perylene
 Concen: 4.588 ng
 RT: 17.568 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF134015.D
 Acq: 28 Jun 2023 05:53

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP



Tgt Ion:276 Resp: 4018
 Ion Ratio Lower Upper
 276 100
 277 26.6 19.0 28.6
 138 19.6 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2023

Supervised By :mohammad ahmed 06/29/2023

