

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
 Data File : BF133941.D
 Acq On : 23 Jun 2023 14:06
 Operator : CG\JU
 Sample : 03316-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-4-061623

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 14:32:42 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	6.857	152	106850	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	389787	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	161770	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	276213	20.000	ng	0.00
76) Chrysene-d12	14.051	240	179641	20.000	ng	0.00
86) Perylene-d12	15.568	264	146909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	273189	44.511	ng	0.00
7) Phenol-d6	6.492	99	323672	40.514	ng	0.00
23) Nitrobenzene-d5	7.416	82	206296	28.827	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	72535	35.422	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	383552	33.704	ng	0.00
79) Terphenyl-d14	12.986	244	353977	30.490	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.616	202	53700	3.608	ng	99
78) Pyrene	12.845	202	49901	2.982	ng	96
83) Chrysene	14.080	228	25078	2.134	ng	# 88
88) Benzo(b)fluoranthene	15.115	252	21075m	2.362	ng	

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

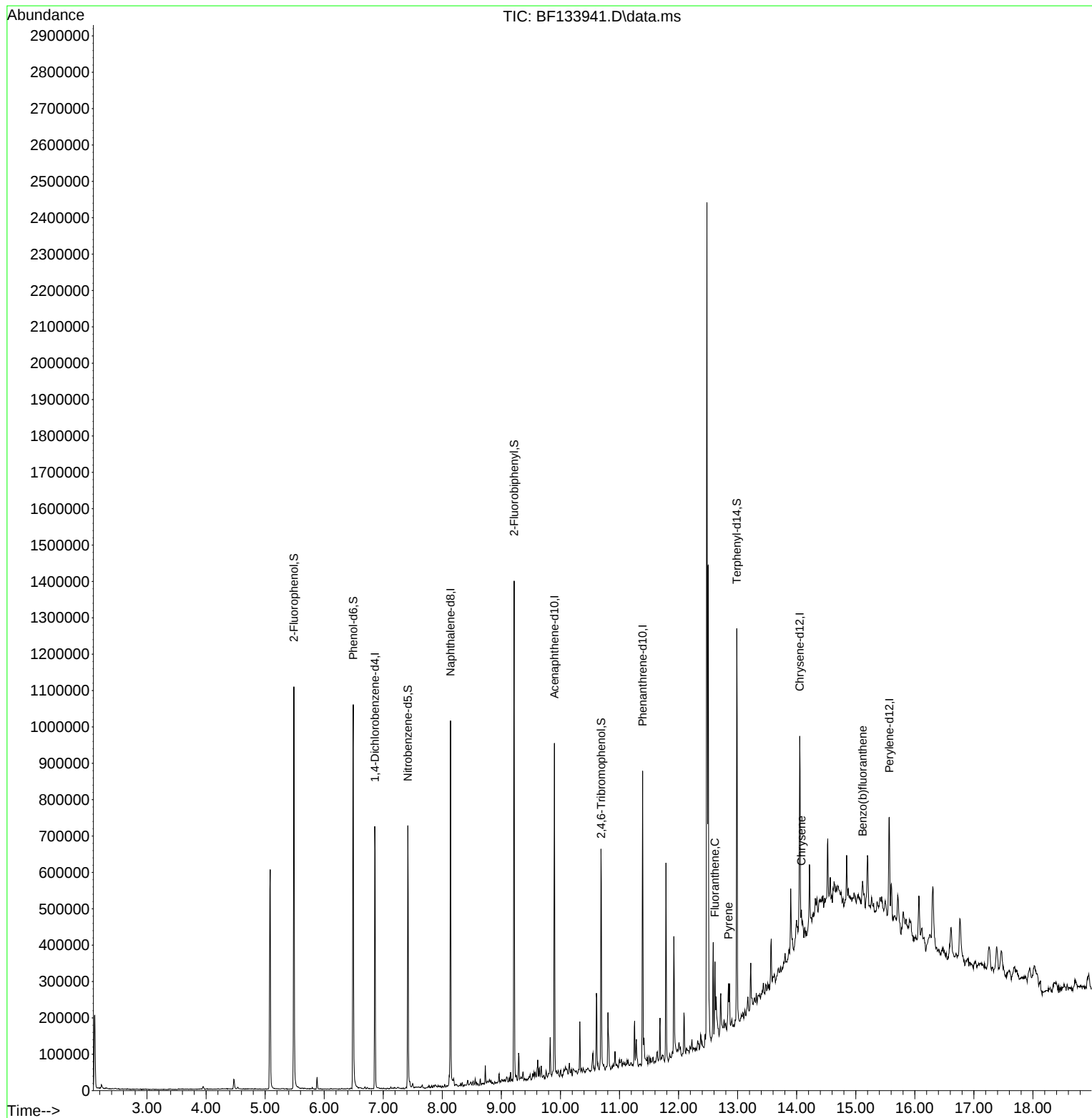
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
Data File : BF133941.D
Acq On : 23 Jun 2023 14:06
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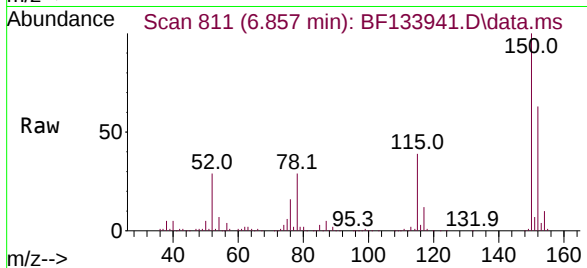
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133941.D
Acq: 23 Jun 2023 14:06

Instrument :

BNA_F

ClientSampleId :

SU-4-061623

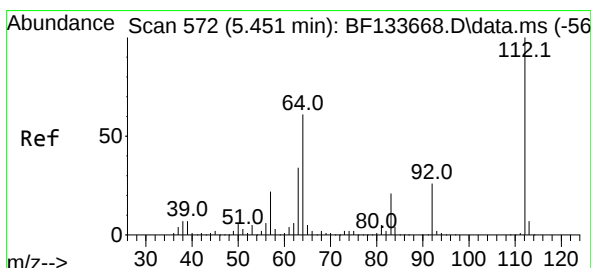
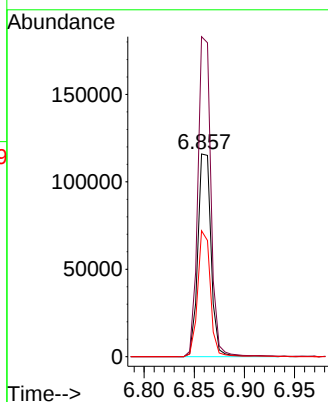
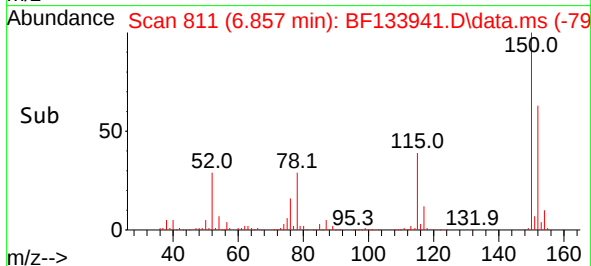


Tgt Ion:152 Resp: 106850
Ion Ratio Lower Upper
152 100
150 157.9 124.3 186.5
115 62.1 48.5 72.7

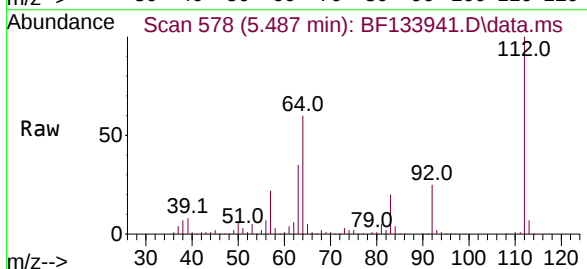
Manual Integrations

APPROVED

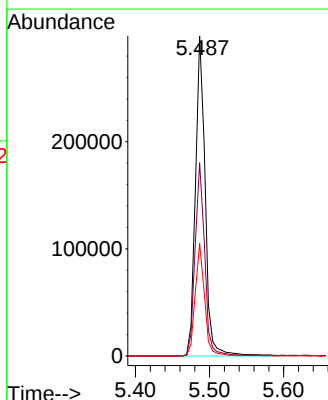
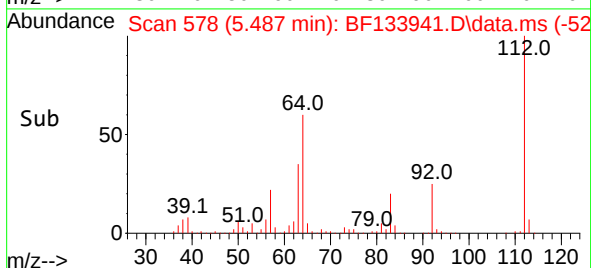
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#5
2-Fluorophenol
Concen: 44.511 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF133941.D
Acq: 23 Jun 2023 14:06



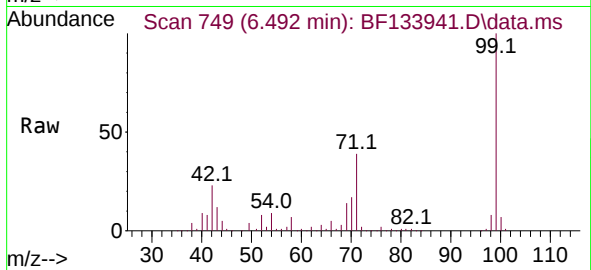
Tgt Ion:112 Resp: 273189
Ion Ratio Lower Upper
112 100
64 60.4 49.0 73.4
63 35.1 26.8 40.2





#7
Phenol-d6
Concen: 40.514 ng
RT: 6.492 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133941.D
Acq: 23 Jun 2023 14:06

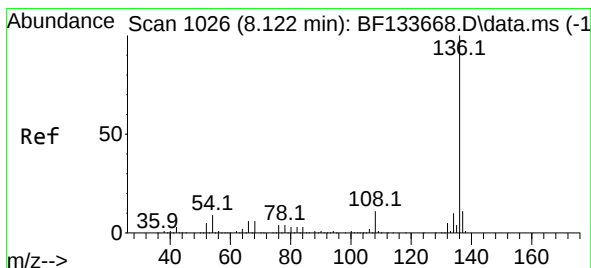
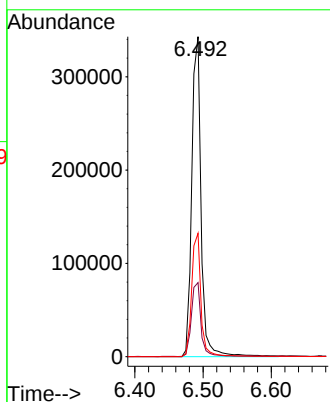
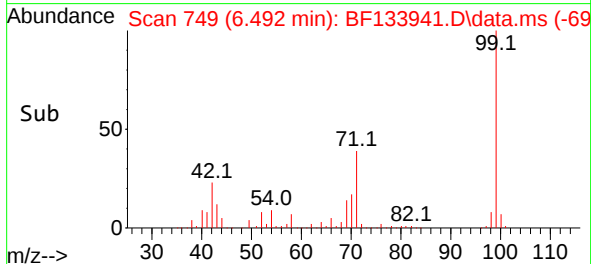
Instrument :
BNA_F
ClientSampleId :
SU-4-061623



Tgt Ion: 99 Resp: 323672
Ion Ratio Lower Upper
99 100
42 23.2 19.9 29.9
71 38.6 32.2 48.4

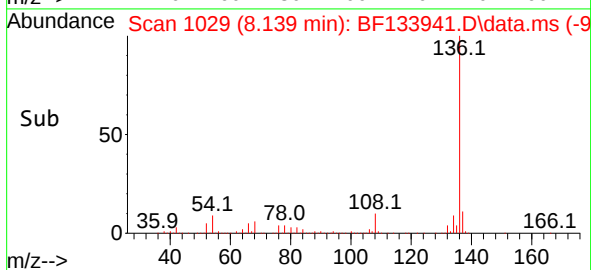
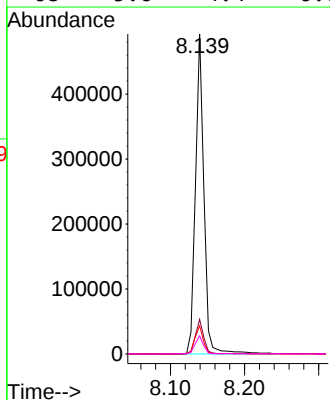
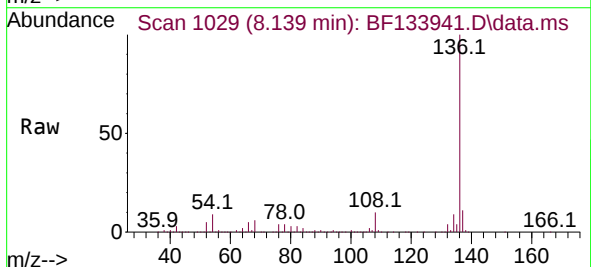
Manual Integrations
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Supervised By :mohammad ahmed 06/27/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133941.D
Acq: 23 Jun 2023 14:06

Tgt Ion:136 Resp: 389787
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.8 7.4 11.0
68 5.6 4.4 6.6





#23

Nitrobenzene-d5

Concen: 28.827 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133941.D

Acq: 23 Jun 2023 14:06

Instrument :

BNA_F

ClientSampleId :

SU-4-061623

Tgt Ion: 82 Resp: 206290

Ion Ratio Lower Upper

82 100

128 40.6 34.2 51.2

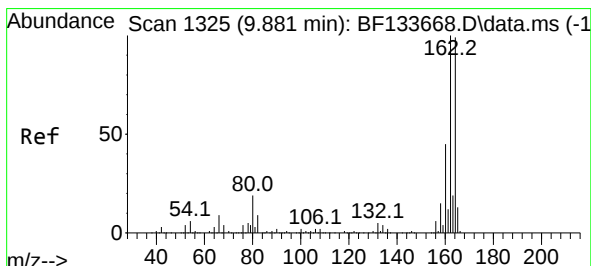
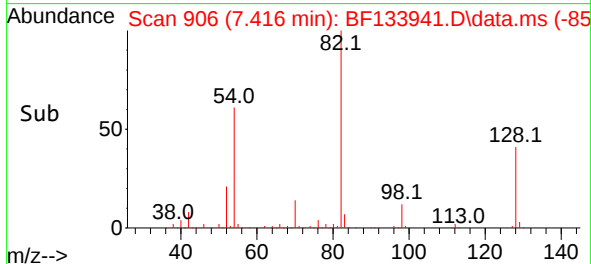
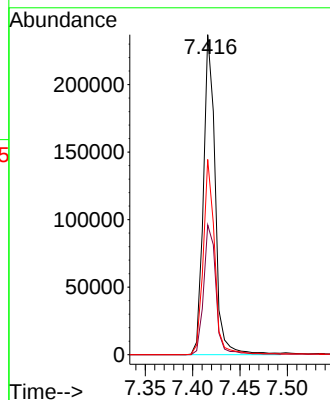
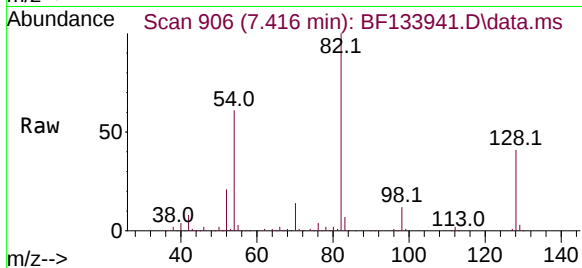
54 61.0 46.5 69.7

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: BF133941.D

Acq: 23 Jun 2023 14:06

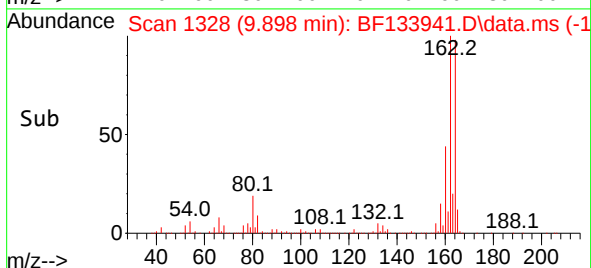
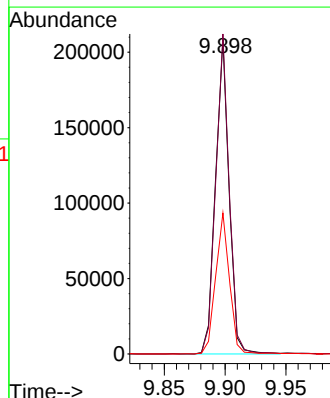
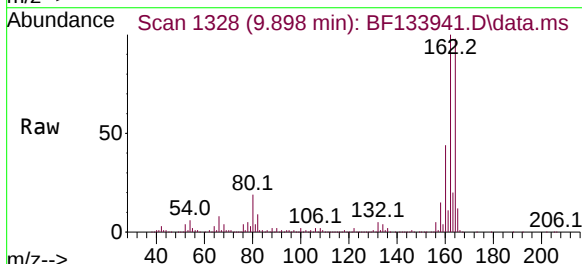
Tgt Ion:164 Resp: 161770

Ion Ratio Lower Upper

164 100

162 101.7 80.8 121.2

160 44.8 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 35.422 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF133941.D
Acq: 23 Jun 2023 14:06

Instrument :

BNA_F

ClientSampleId :

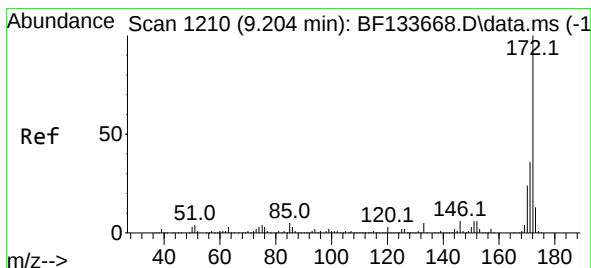
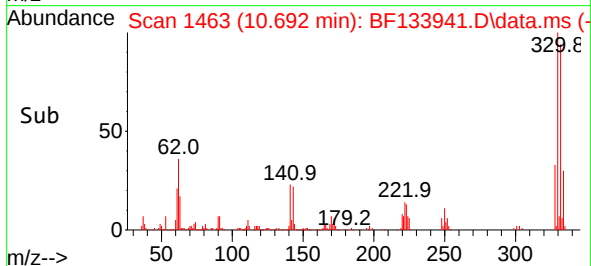
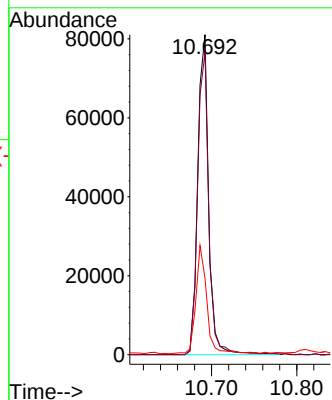
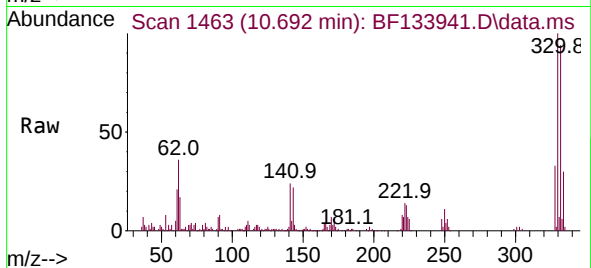
SU-4-061623

Tgt Ion:330 Resp: 7253
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 33.5 24.9 37.3

Manual Integrations

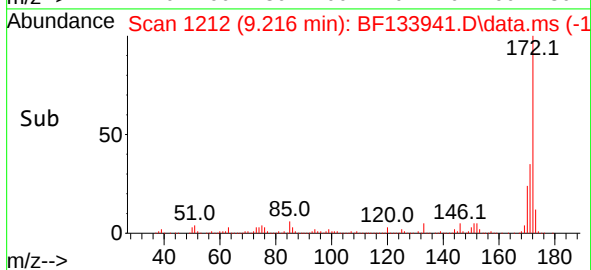
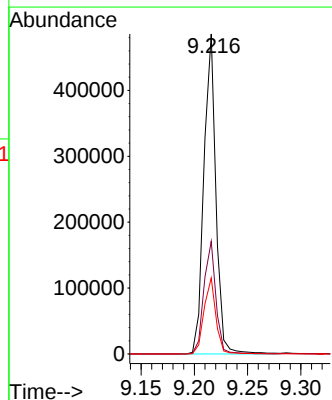
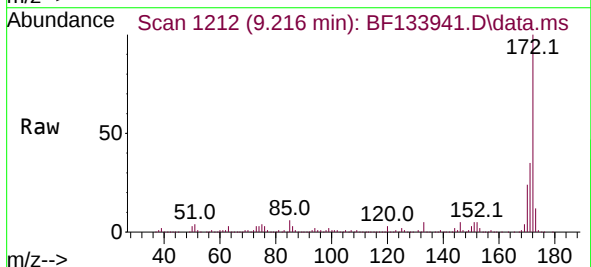
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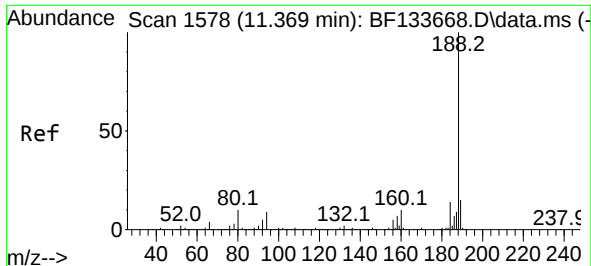
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#45
2-Fluorobiphenyl
Concen: 33.704 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133941.D
Acq: 23 Jun 2023 14:06

Tgt Ion:172 Resp: 383552
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.8 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133941.D
Acq: 23 Jun 2023 14:06

Instrument :

BNA_F

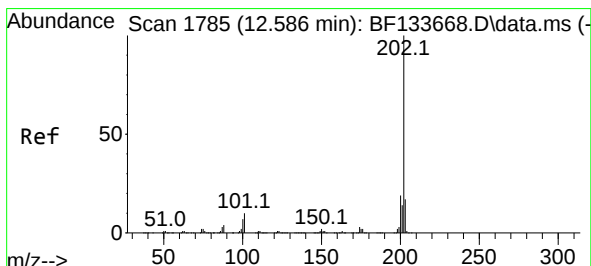
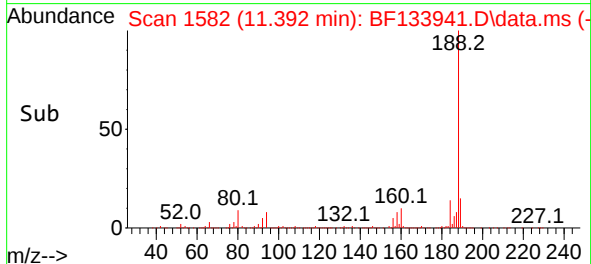
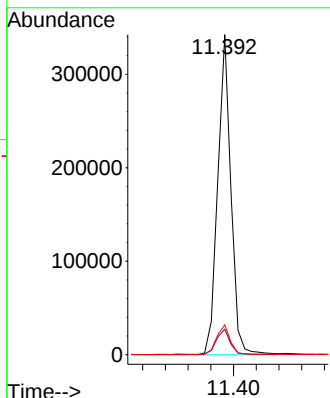
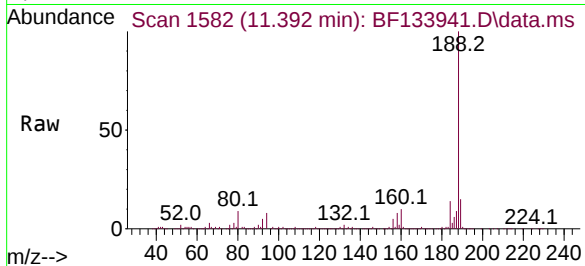
ClientSampleId :

SU-4-061623

Tgt Ion:188 Resp: 27621
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 9.3 7.8 11.6

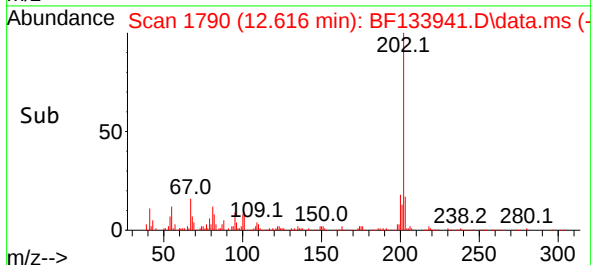
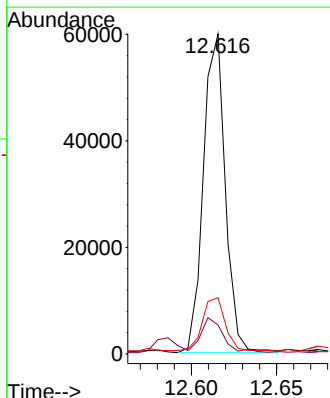
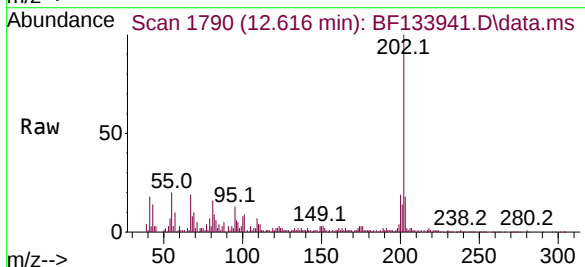
Manual Integrations
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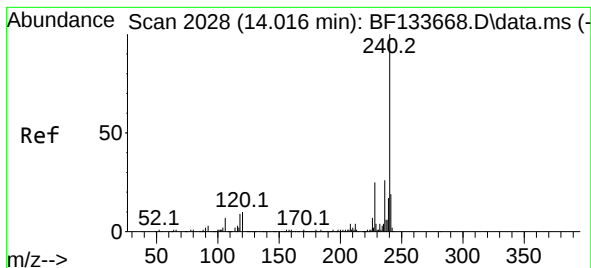
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#75
Fluoranthene
Concen: 3.608 ng
RT: 12.616 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF133941.D
Acq: 23 Jun 2023 14:06

Tgt Ion:202 Resp: 53700
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.6
203 17.6 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF133941.D

Acq: 23 Jun 2023 14:06

Instrument :

BNA_F

ClientSampleId :

SU-4-061623

Tgt Ion:240 Resp: 17964

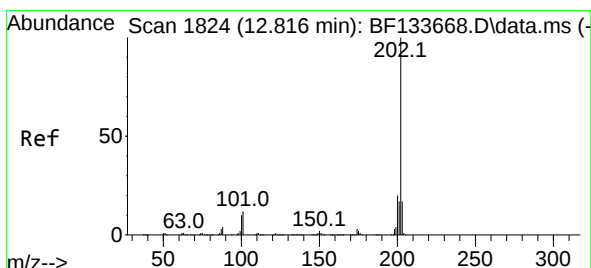
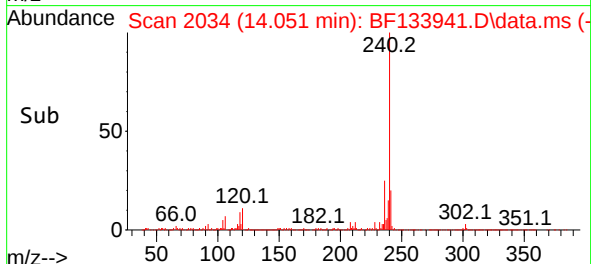
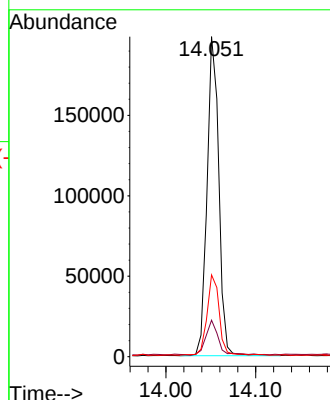
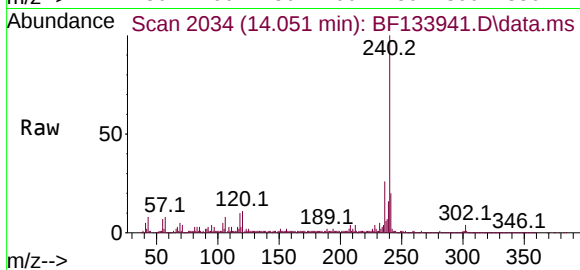
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	25.5	20.5	30.7

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/27/2023



#78

Pyrene

Concen: 2.982 ng

RT: 12.845 min Scan# 1829

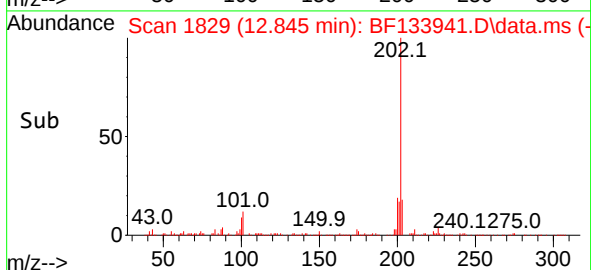
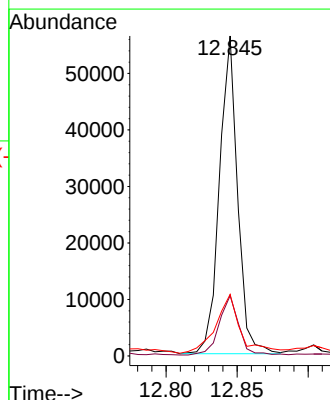
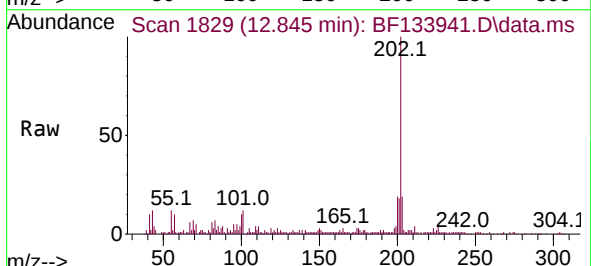
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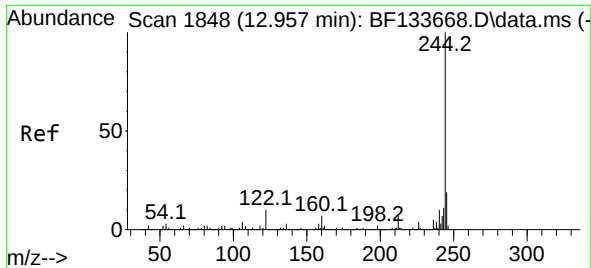
Lab File: BF133941.D

Acq: 23 Jun 2023 14:06

Tgt Ion:202 Resp: 49901

Ion	Ratio	Lower	Upper
202	100		
200	18.8	16.2	24.2
203	19.3	13.9	20.9





#79
Terphenyl-d14
Concen: 30.490 ng
RT: 12.986 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF133941.D
Acq: 23 Jun 2023 14:06

Instrument :

BNA_F

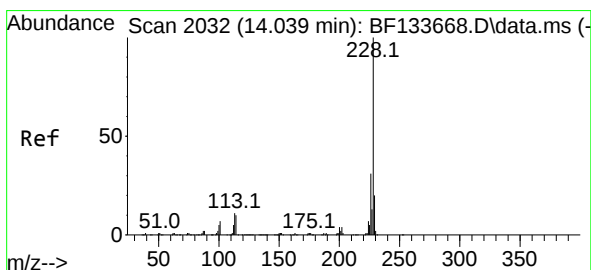
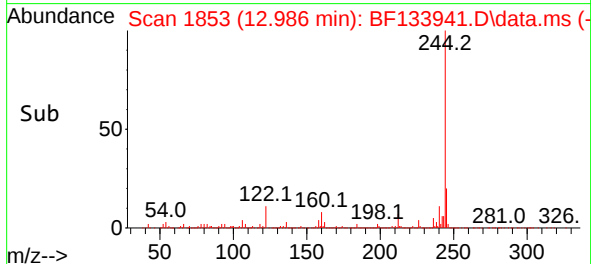
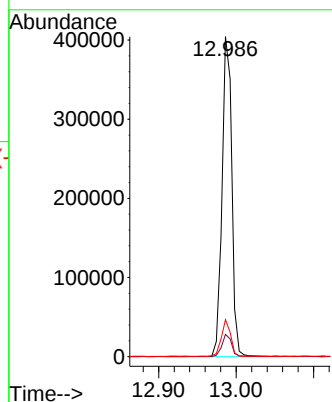
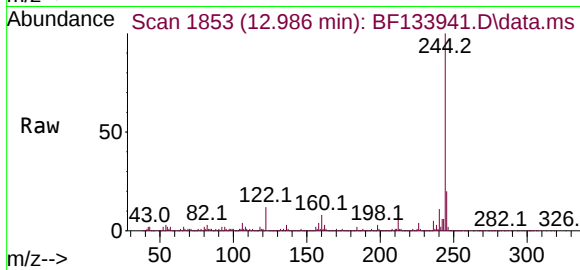
ClientSampleId :

SU-4-061623

Tgt Ion:244 Resp: 35397
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.6 8.1 12.1

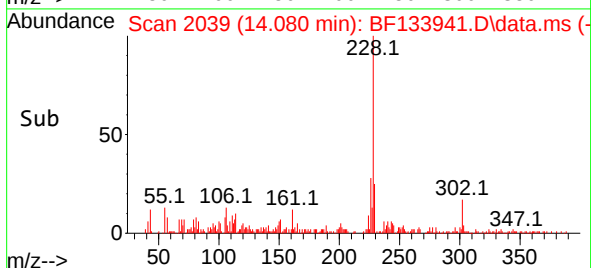
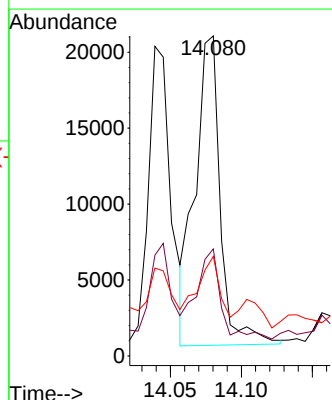
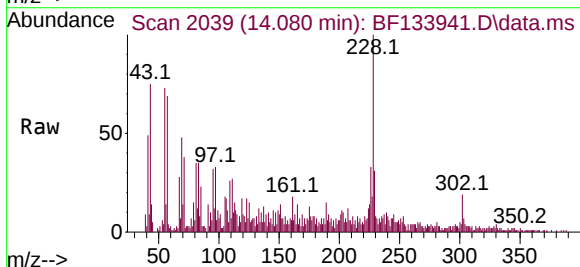
Manual Integrations
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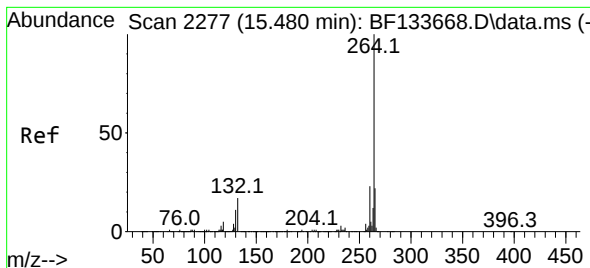
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#83
Chrysene
Concen: 2.134 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF133941.D
Acq: 23 Jun 2023 14:06

Tgt Ion:228 Resp: 25078
Ion Ratio Lower Upper
228 100
226 33.5 25.0 37.6
229 31.1 15.8 23.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133941.D

Acq: 23 Jun 2023 14:06

Instrument :

BNA_F

ClientSampleId :

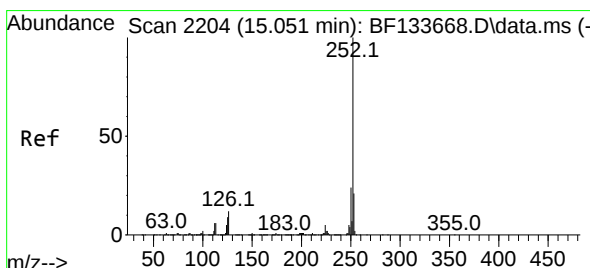
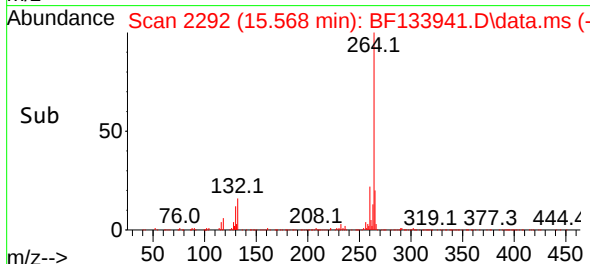
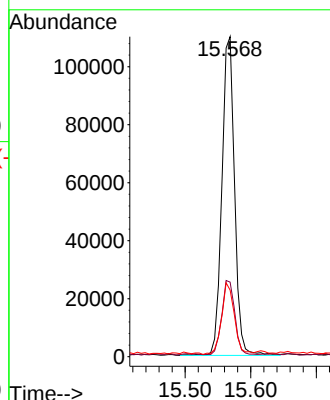
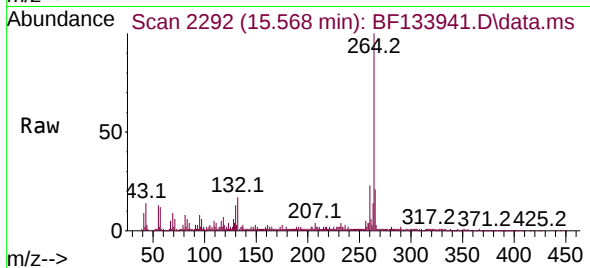
SU-4-061623

Tgt Ion:264 Resp: 146909
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 20.8 17.8 26.6

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 2.362 ng m

RT: 15.115 min Scan# 2215

Delta R.T. 0.000 min

Lab File: BF133941.D

Acq: 23 Jun 2023 14:06

Tgt Ion:252 Resp: 21075
 Ion Ratio Lower Upper
 252 100
 253 36.4 17.0 25.6#
 125 30.4 7.3 10.9#

