

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134236.D
 Acq On : 12 Jul 2023 03:54
 Operator : CG\JU
 Sample : 03375-07 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Quant Time: Jul 12 04:19:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	90380	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	304550	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	120599	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	213598	20.000	ng	0.00
76) Chrysene-d12	14.039	240	154000	20.000	ng	0.00
86) Perylene-d12	15.551	264	122516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	97945	18.128	ng	0.00
7) Phenol-d6	6.481	99	112729	16.965	ng	0.00
23) Nitrobenzene-d5	7.404	82	65900	11.664	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	23713	15.682	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	115429	13.916	ng	0.00
79) Terphenyl-d14	12.974	244	108474	11.336	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.404	178	96079	8.935	ng	99
75) Fluoranthene	12.604	202	186214	16.019	ng	97
78) Pyrene	12.833	202	145676	10.165	ng	99
80) Butylbenzylphthalate	13.457	149	63050	11.730	ng	93
81) Benzo(a)anthracene	14.033	228	42754	4.003	ng	97
83) Chrysene	14.069	228	71787	6.940	ng	98
84) Bis(2-ethylhexyl)phtha...	14.021	149	313949	50.831	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	28224	3.320	ng	94
88) Benzo(b)fluoranthene	15.104	252	78571m	10.907	ng	
89) Benzo(k)fluoranthene	15.133	252	19882m	2.711	ng	
90) Benzo(a)pyrene	15.486	252	35543	5.102	ng	# 90
92) Benzo(g,h,i)perylene	17.574	276	25448	3.554	ng	# 89

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

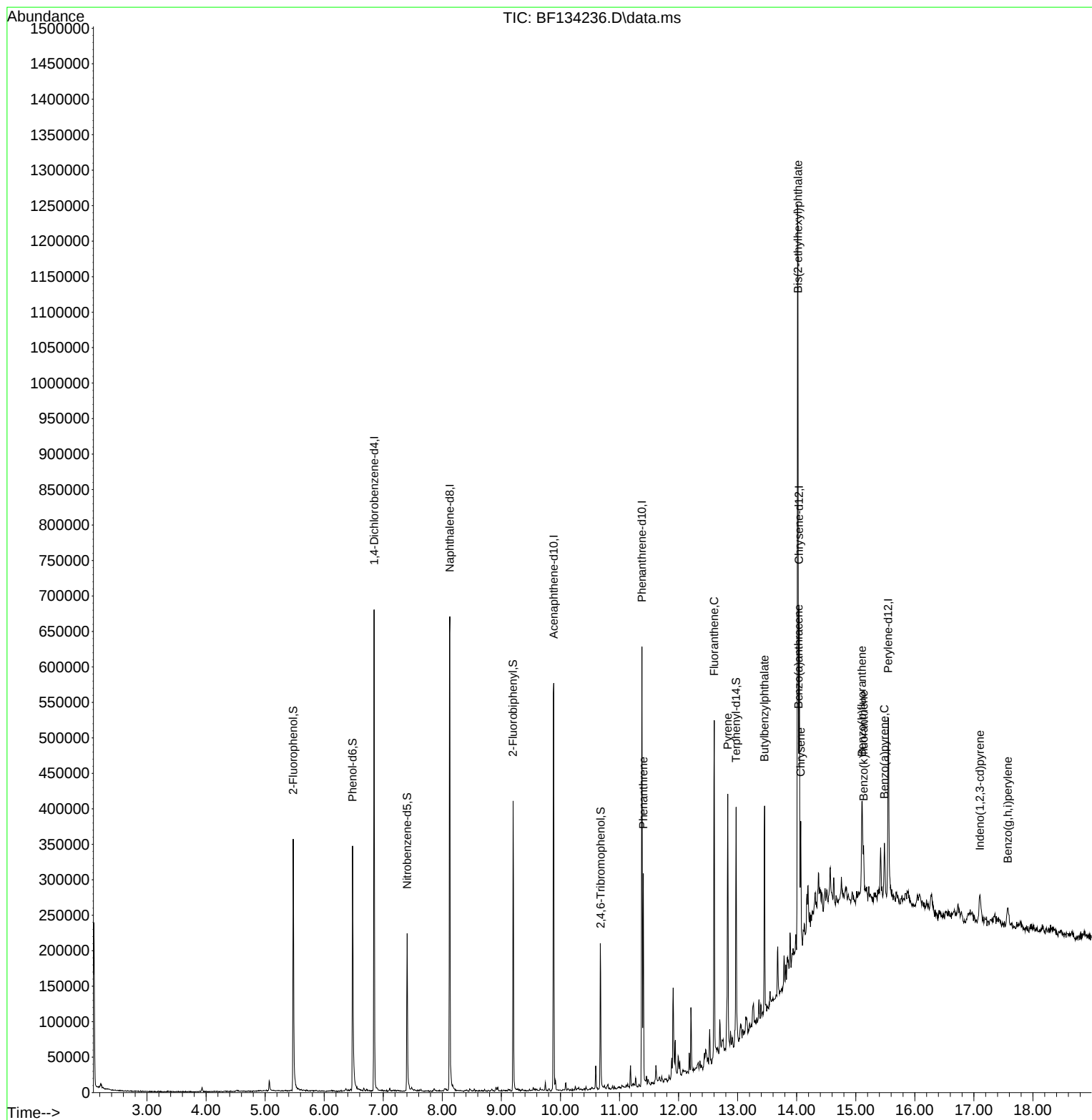
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134236.D
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ALS Vial : 21 Sample Multiplier: 1

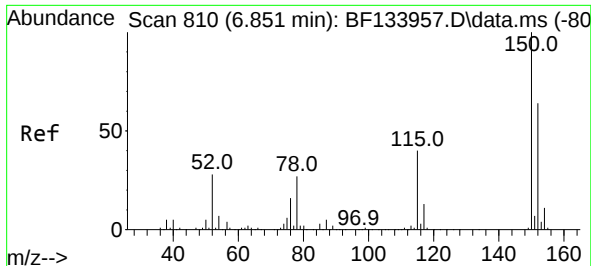
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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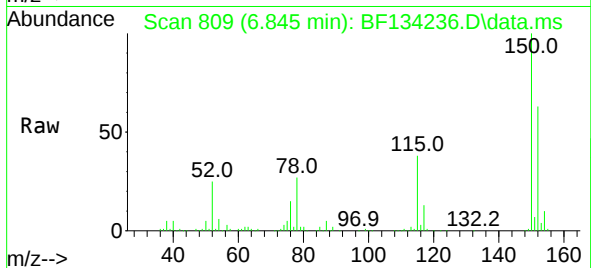
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

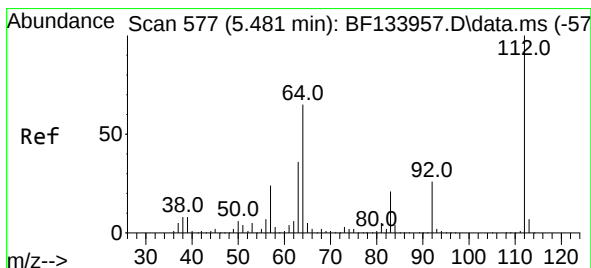
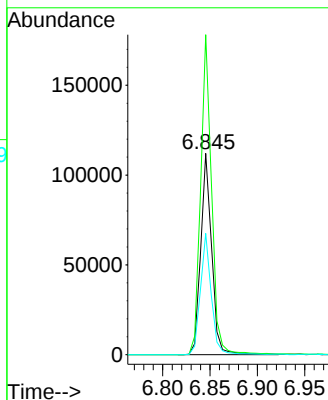
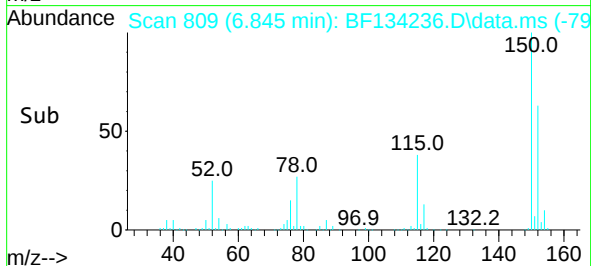
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)



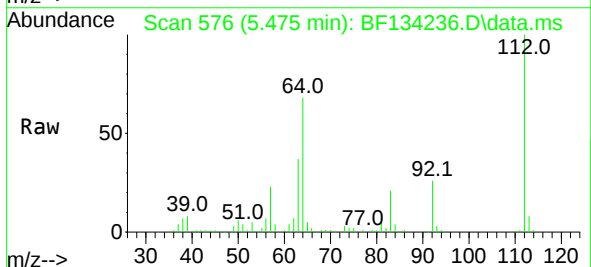
Tgt Ion:152 Resp: 90380
Ion Ratio Lower Upper
152 100
150 159.0 124.5 186.7
115 60.2 50.2 75.2

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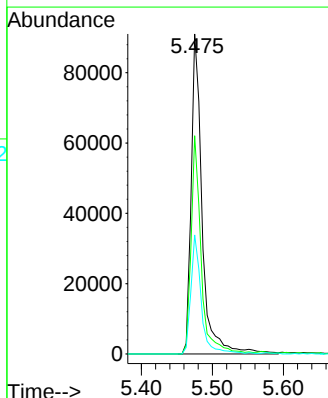
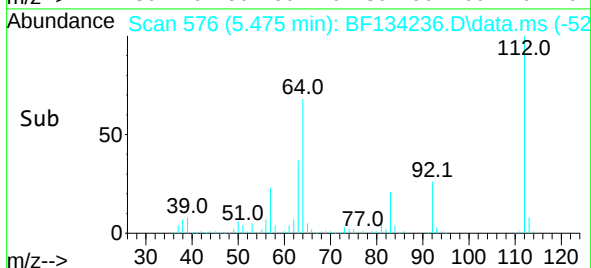
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

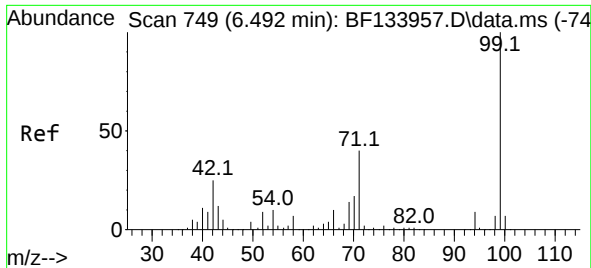


#5
2-Fluorophenol
Concen: 18.128 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54



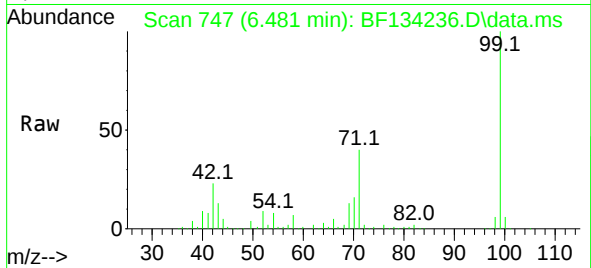
Tgt Ion:112 Resp: 97945
Ion Ratio Lower Upper
112 100
64 68.2 52.1 78.1
63 37.2 28.6 42.8





#7
Phenol-d6
Concen: 16.965 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

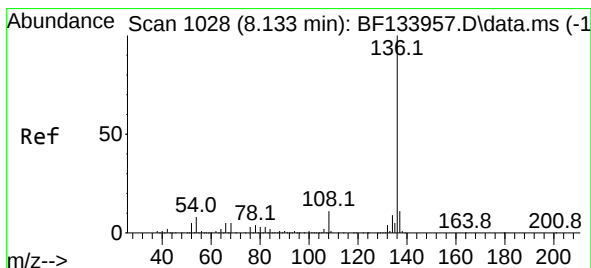
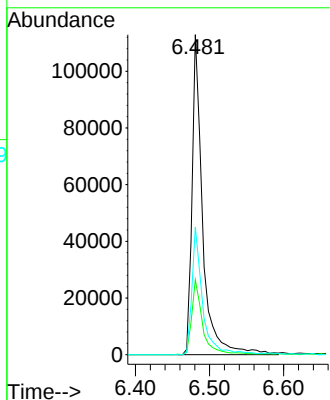
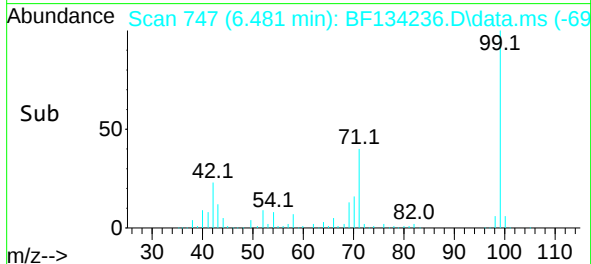
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)



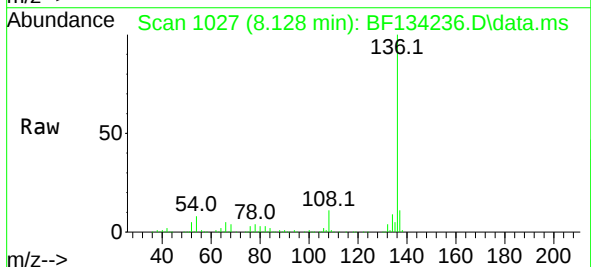
Tgt Ion: 99 Resp: 112729
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 39.9 31.9 47.9

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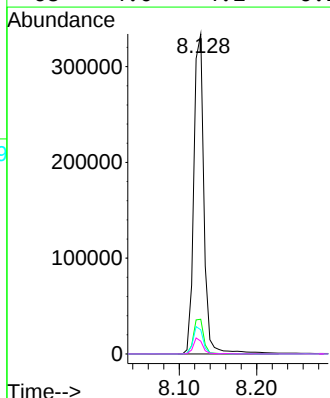
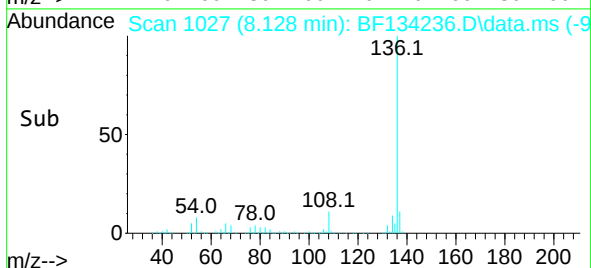
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

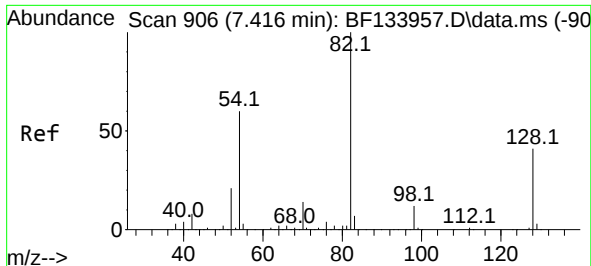


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54



Tgt Ion:136 Resp: 304550
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.6 6.5 9.7
68 4.0 4.2 6.2#





#23

Nitrobenzene-d5

Concen: 11.664 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

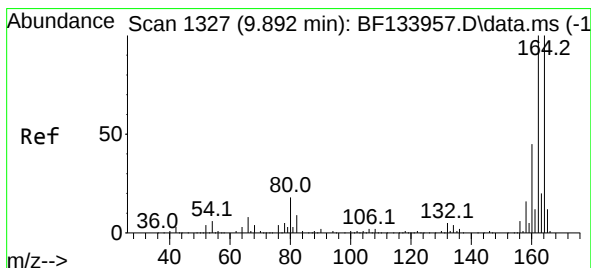
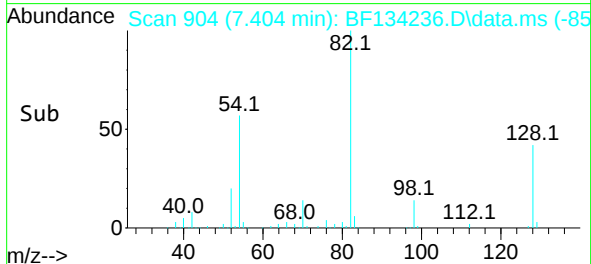
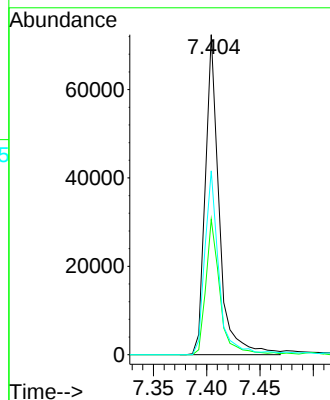
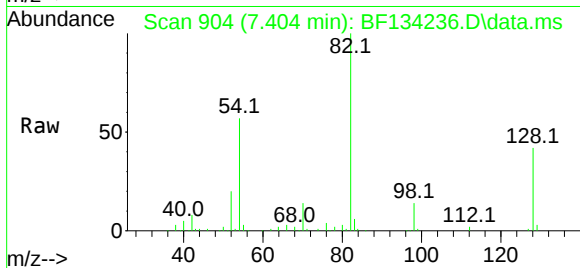
Tgt Ion: 82 Resp: 65900
 Ion Ratio Lower Upper
 82 100
 128 42.3 32.5 48.7
 54 57.4 48.2 72.2

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Supervised By :mohammad ahmed 07/12/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

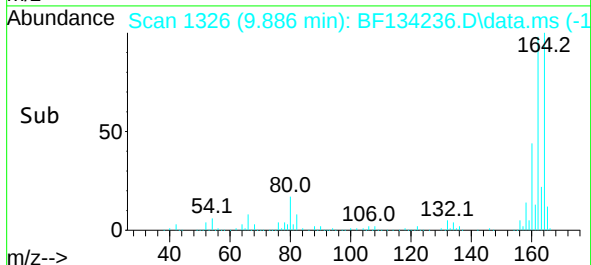
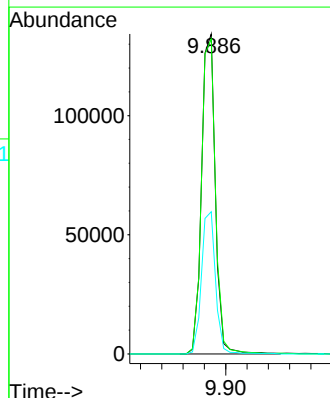
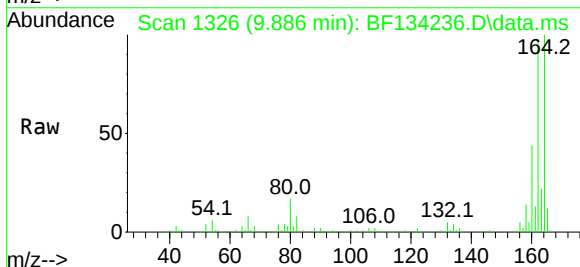
RT: 9.886 min Scan# 1326

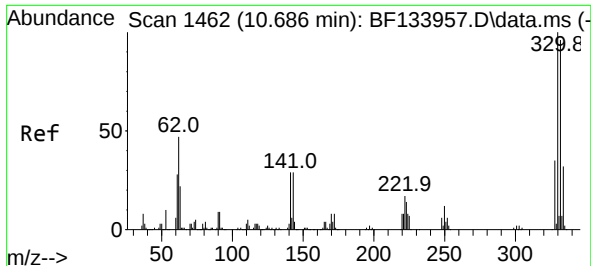
Delta R.T. 0.000 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

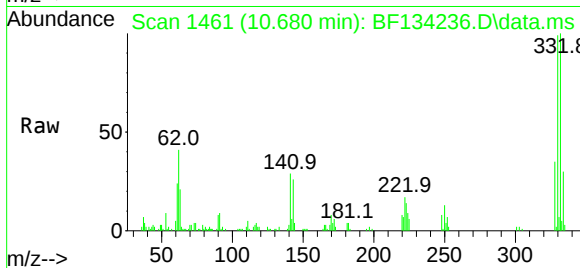
Tgt Ion:164 Resp: 120599
 Ion Ratio Lower Upper
 164 100
 162 98.4 80.0 120.0
 160 44.4 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 15.682 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

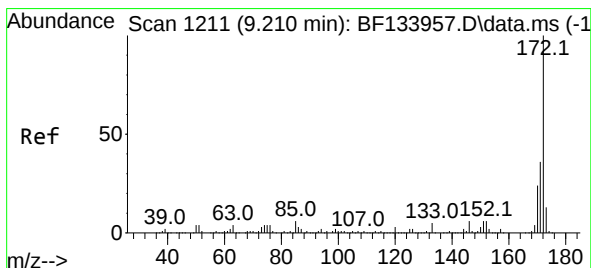
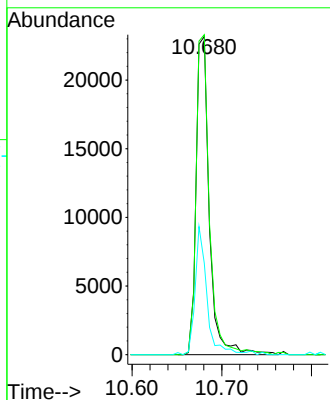
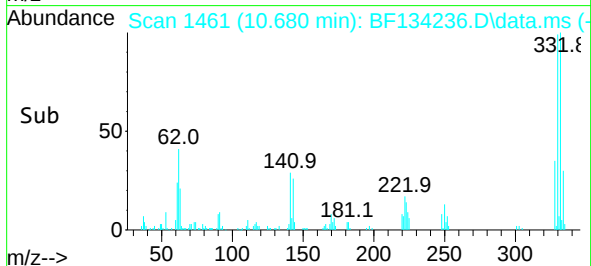
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)



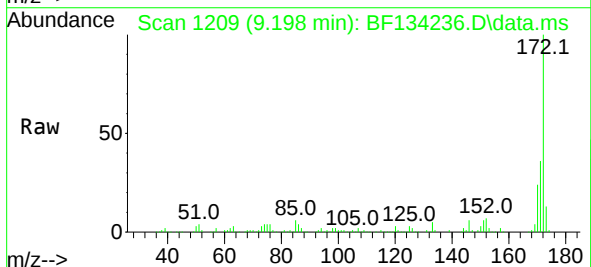
Tgt Ion: 330 Resp: 2371
Ion Ratio Lower Upper
330 100
332 101.3 77.0 115.6
141 35.7 26.3 39.5

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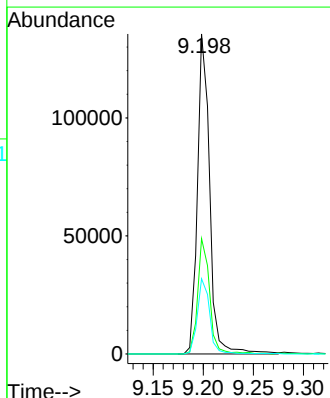
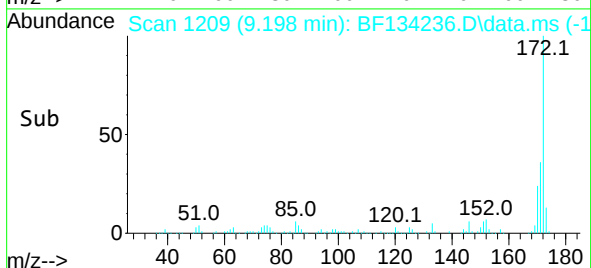
Reviewed By : Yogesh Patel 07/12/2023
Supervised By : mohammad ahmed 07/12/2023

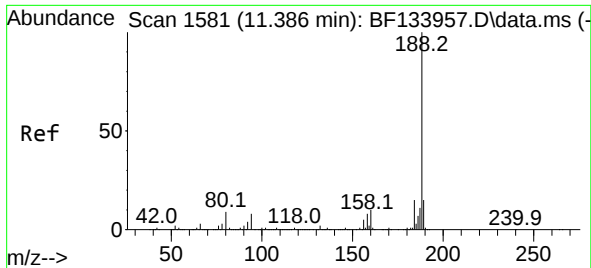


#45
2-Fluorobiphenyl
Concen: 13.916 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54



Tgt Ion: 172 Resp: 115429
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.5 19.4 29.0





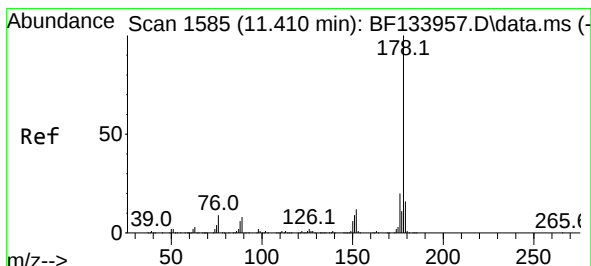
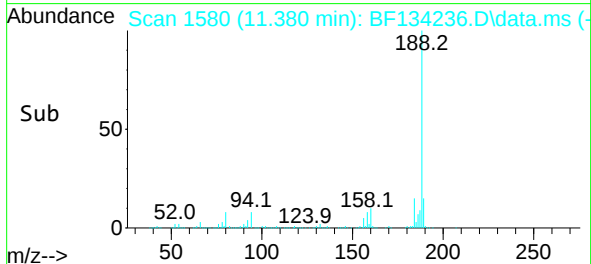
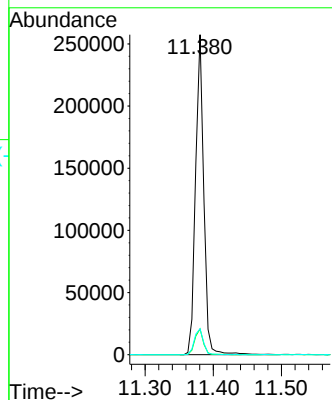
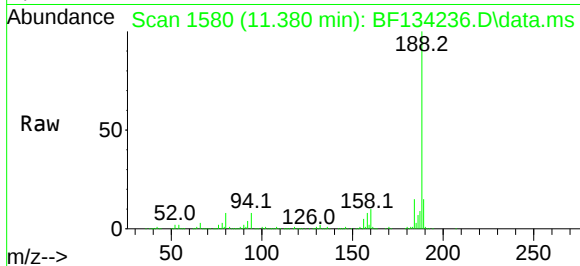
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tgt Ion:188 Resp: 213598
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.1 7.3 10.9

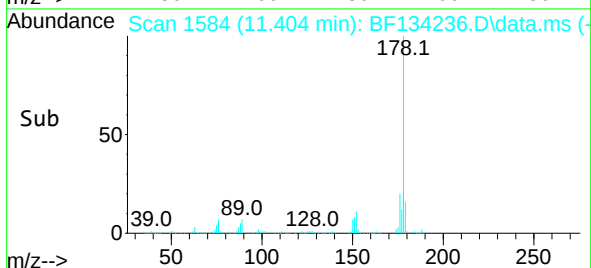
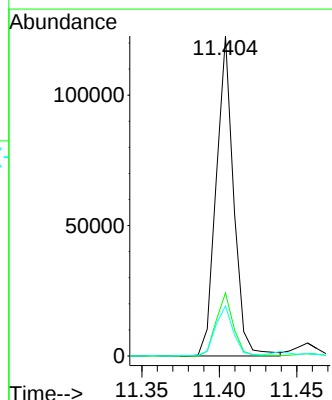
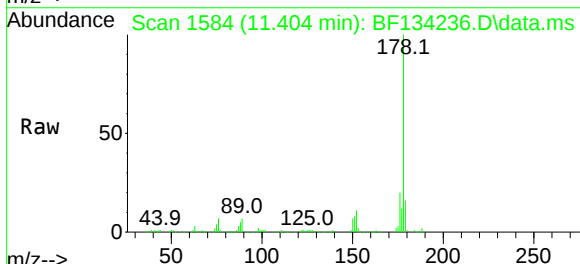
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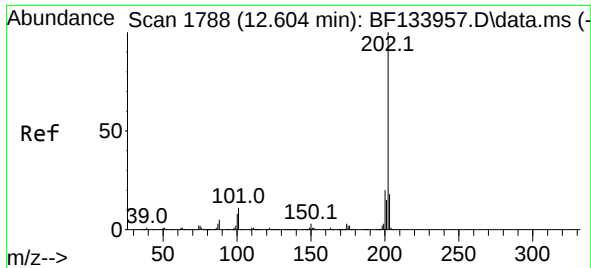
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#71
Phenanthrene
Concen: 8.935 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

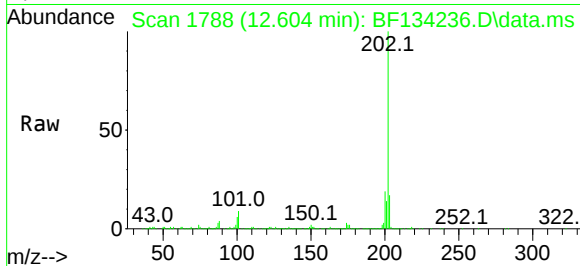
Tgt Ion:178 Resp: 96079
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.6 12.4 18.6





#75
Fluoranthene
Concen: 16.019 ng
RT: 12.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

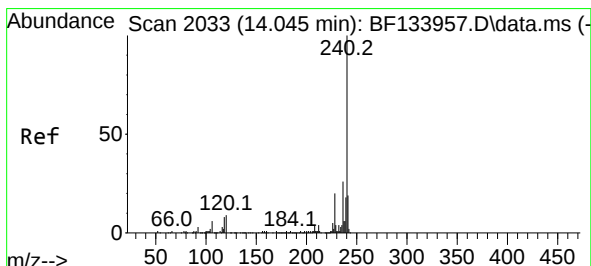
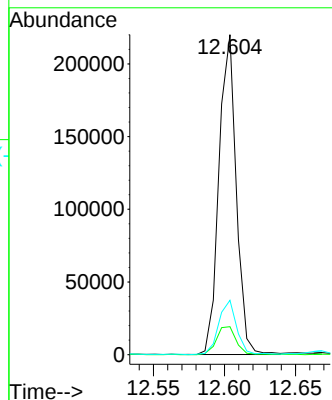
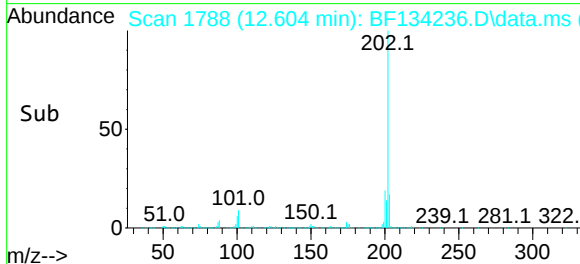
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)



Tgt Ion:202 Resp: 186214
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.0
203 17.0 0.0 37.6

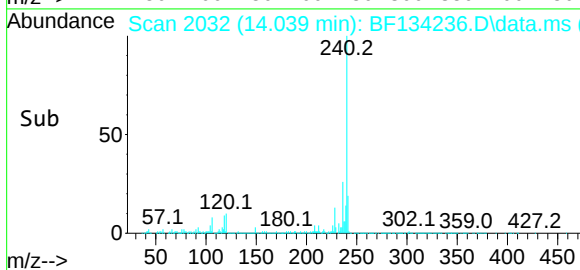
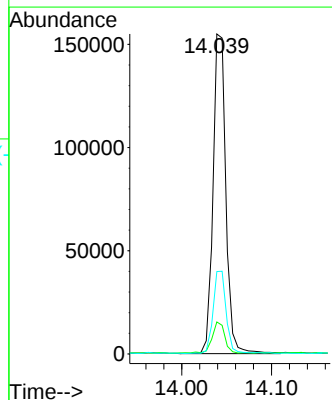
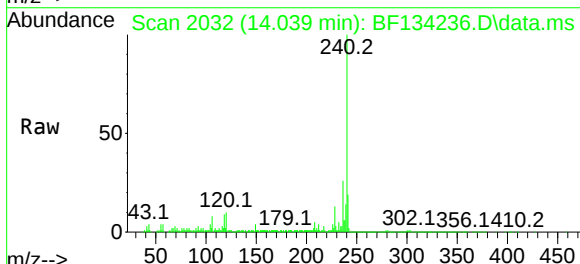
Manual Integrations
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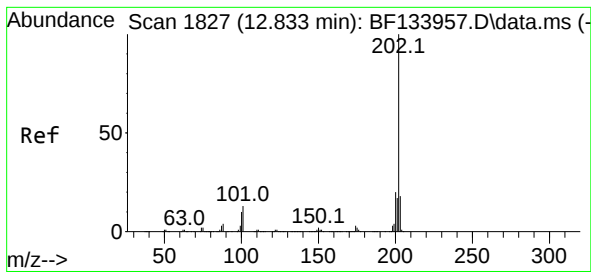
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

Tgt Ion:240 Resp: 154000
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 25.8 21.0 31.6





#78

Pyrene

Concen: 10.165 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

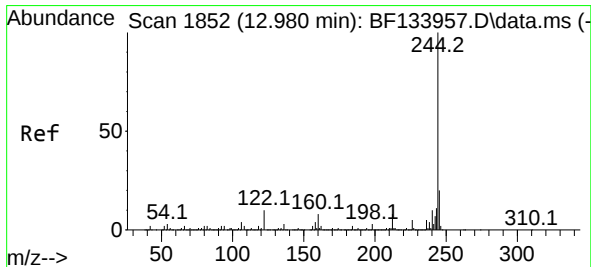
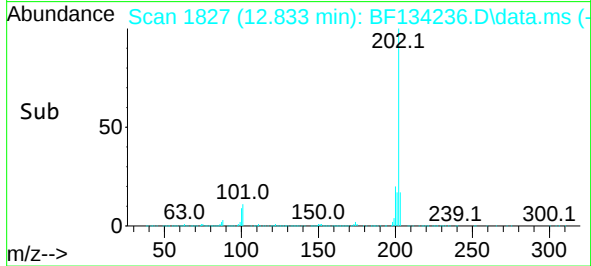
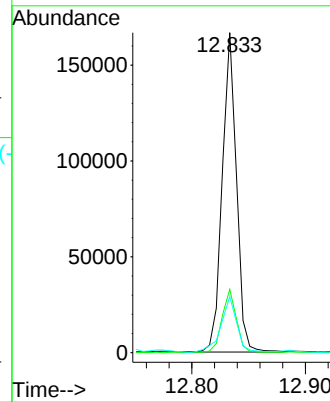
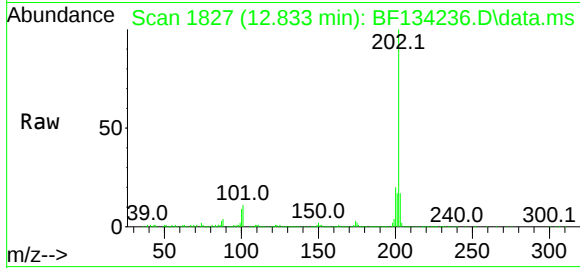
Tgt Ion:	202	Resp:	145670
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.1	24.1
203	17.5	14.3	21.5

Manual Integrations

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#79

Terphenyl-d14

Concen: 11.336 ng

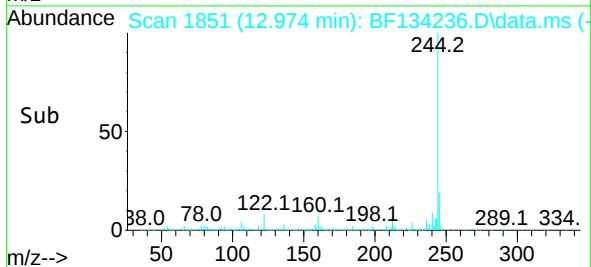
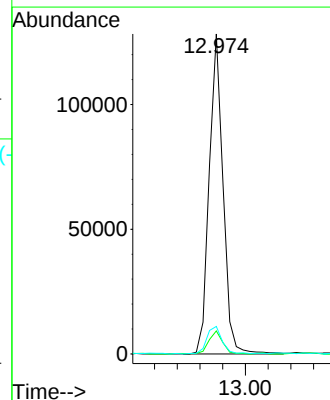
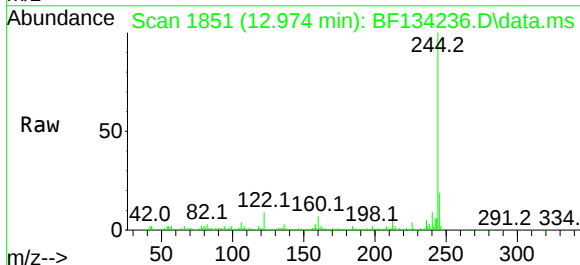
RT: 12.974 min Scan# 1851

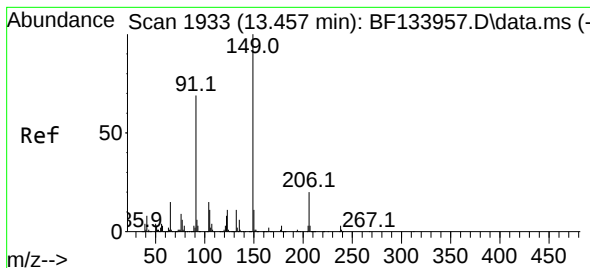
Delta R.T. 0.000 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Tgt Ion:	244	Resp:	108474
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	8.6	8.3	12.5





#80

Butylbenzylphthalate

Concen: 11.730 ng

RT: 13.457 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

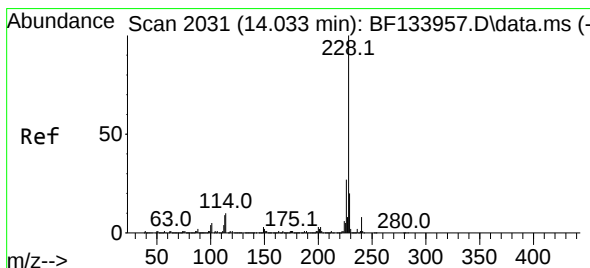
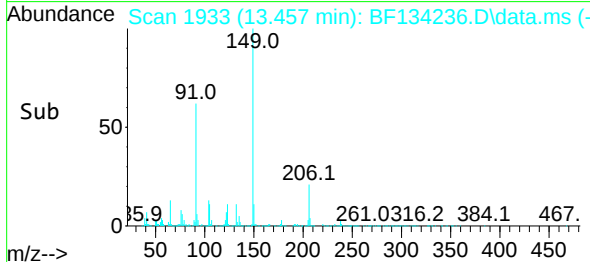
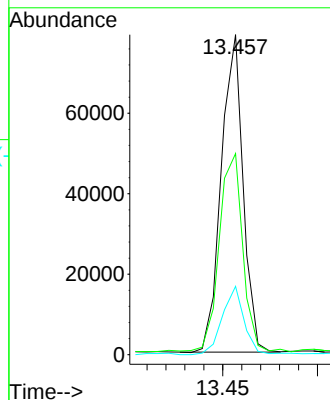
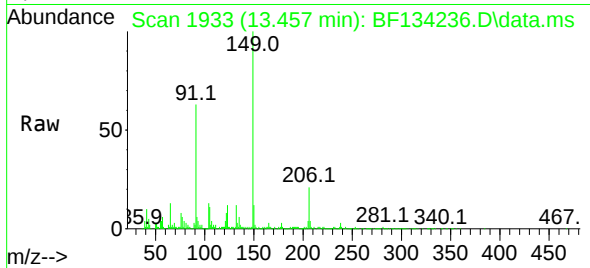
Tgt Ion:	149	Resp:	63050
Ion Ratio	Lower	Upper	
149	100		
91	62.9	55.1	82.7
206	21.4	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#81

Benzo(a)anthracene

Concen: 4.003 ng

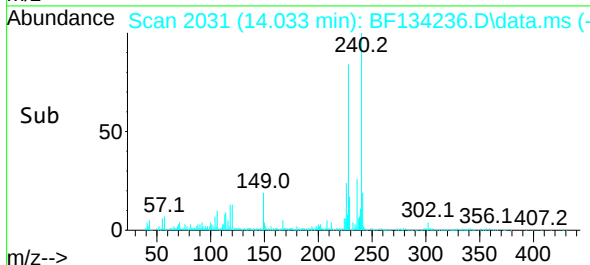
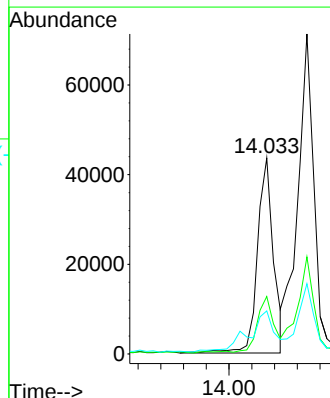
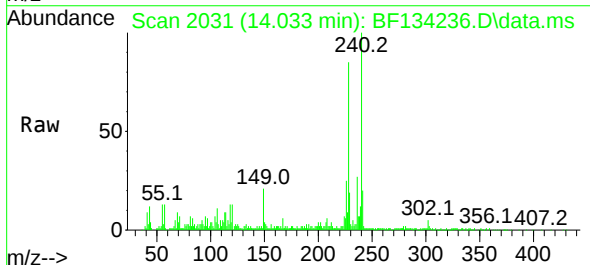
RT: 14.033 min Scan# 2031

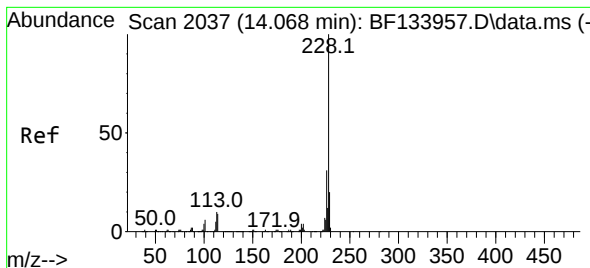
Delta R.T. 0.000 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Tgt Ion:	228	Resp:	42754
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.0	33.0
229	21.9	16.3	24.5





#83

Chrysene

Concen: 6.940 ng

RT: 14.069 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

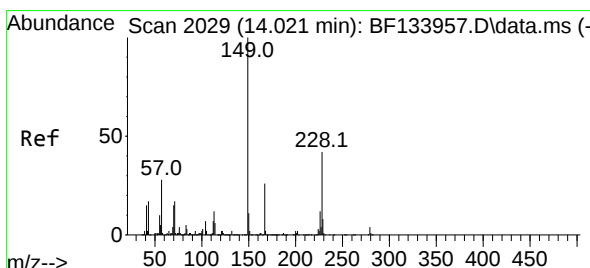
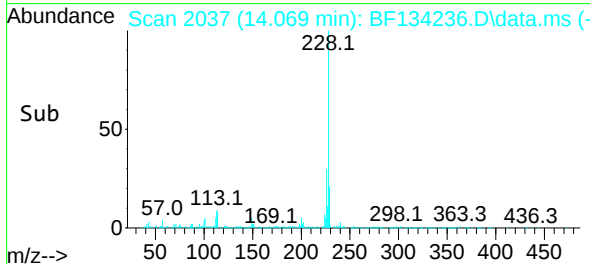
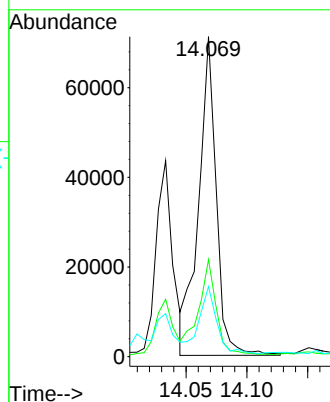
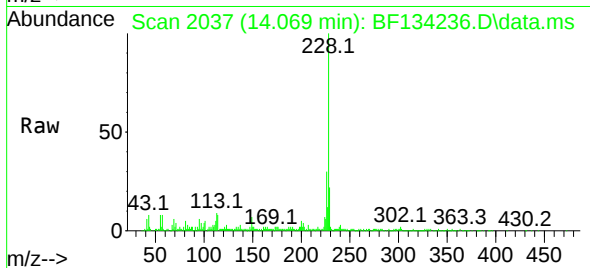
Tgt Ion:	228	Resp:	7178
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.4	36.6
229	22.0	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.831 ng

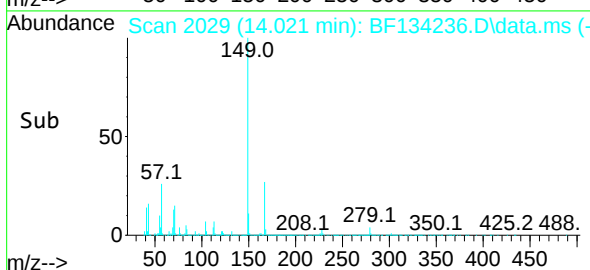
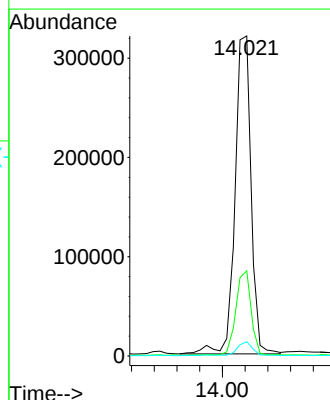
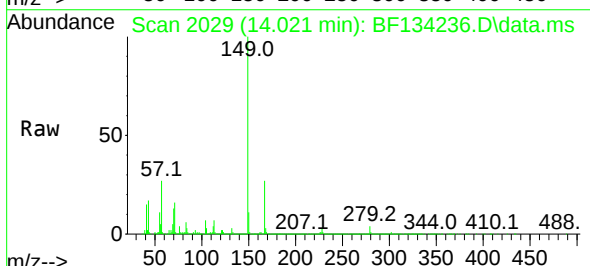
RT: 14.021 min Scan# 2029

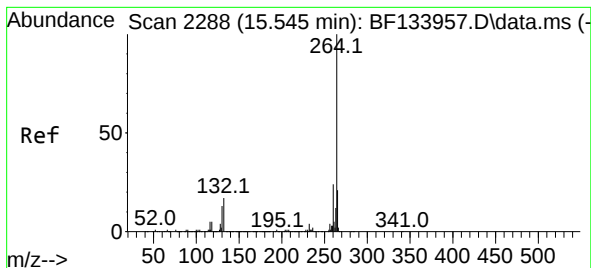
Delta R.T. 0.006 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Tgt Ion:	149	Resp:	313949
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.0	31.4
279	4.5	3.3	4.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

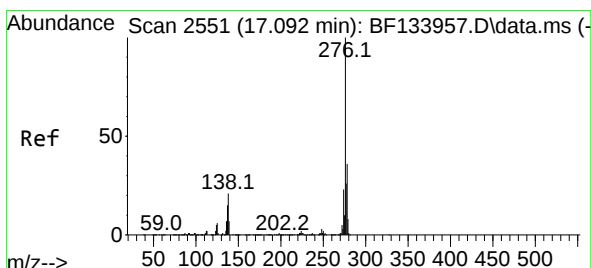
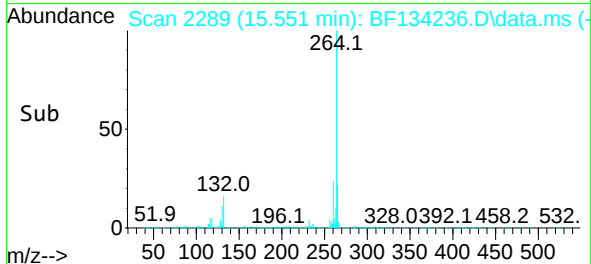
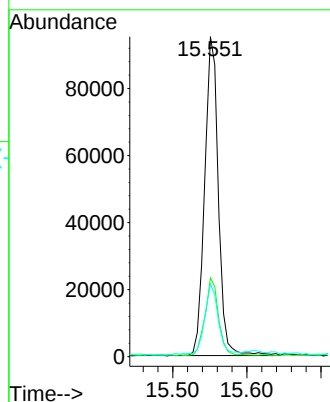
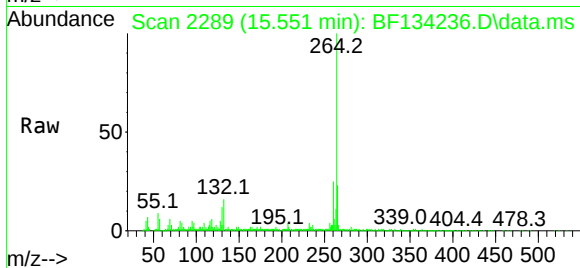
Tgt Ion:264 Resp: 122510
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.7 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.320 ng

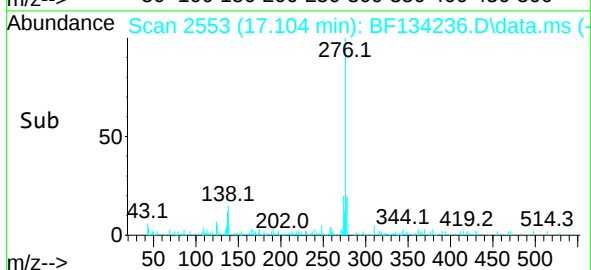
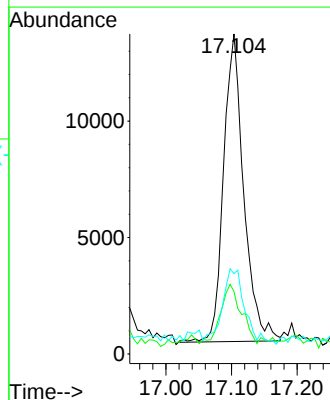
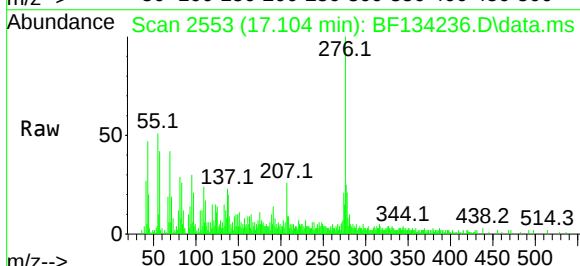
RT: 17.104 min Scan# 2553

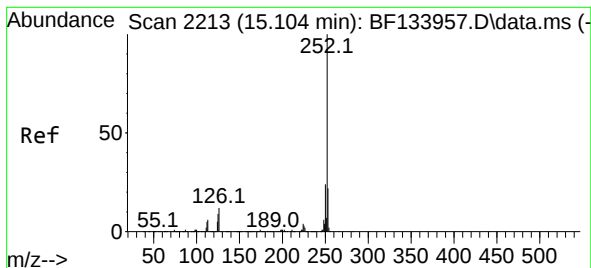
Delta R.T. 0.006 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Tgt Ion:276 Resp: 28224
 Ion Ratio Lower Upper
 276 100
 138 20.1 18.7 28.1
 277 27.5 19.9 29.9





#88

Benzo(b)fluoranthene

Concen: 10.907 ng m

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

Instrument :

BNF

ClientSampleId :

SB-3(0-2)

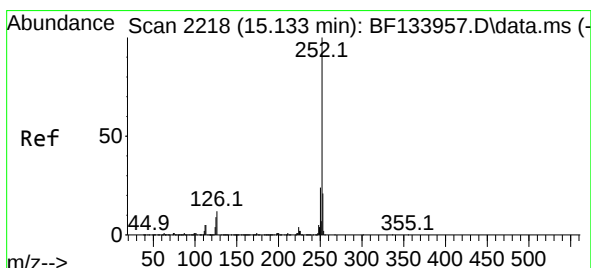
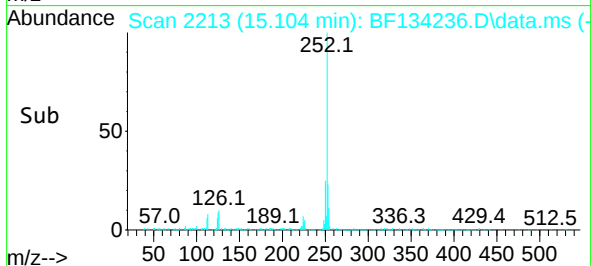
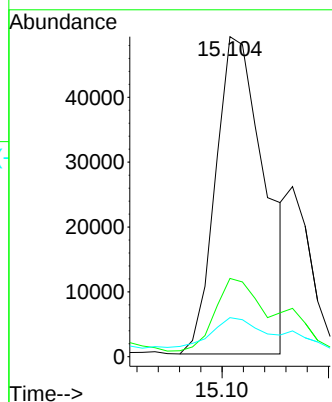
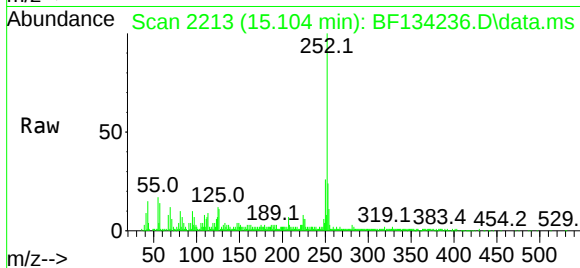
Tgt Ion:252	Resp:	7857
Ion Ratio	Lower	Upper
252	100	
253	24.4	17.4 26.0
125	12.2	7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#89

Benzo(k)fluoranthene

Concen: 2.711 ng m

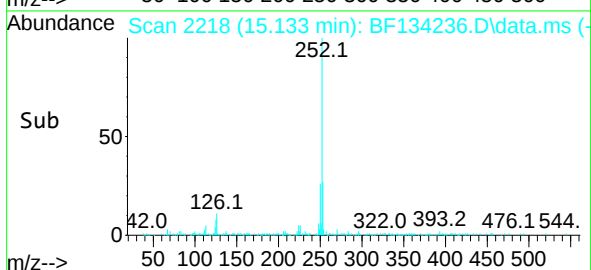
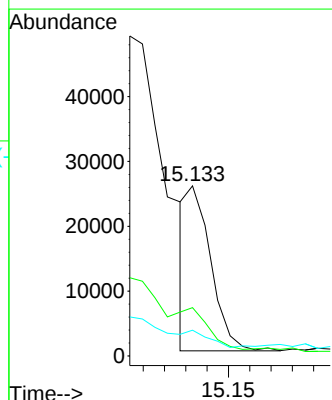
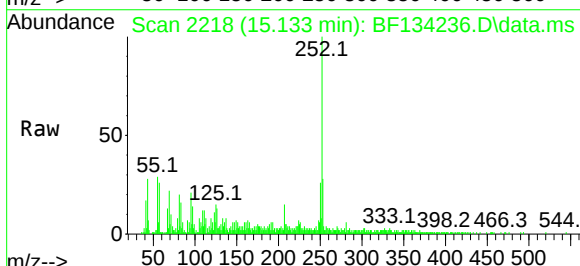
RT: 15.133 min Scan# 2218

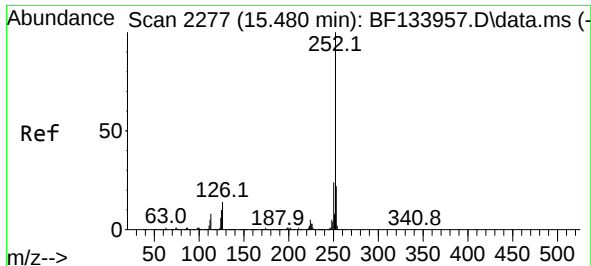
Delta R.T. 0.000 min

Lab File: BF134236.D

Acq: 12 Jul 2023 03:54

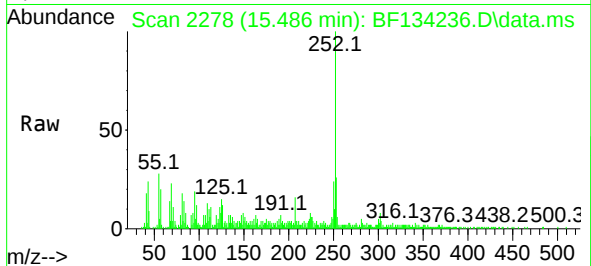
Tgt Ion:252	Resp:	19882
Ion Ratio	Lower	Upper
252	100	
253	28.4	16.9 25.3#
125	15.1	7.4 11.2#





#90
Benzo(a)pyrene
Concen: 5.102 ng
RT: 15.486 min Scan# 2277
Delta R.T. 0.006 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54

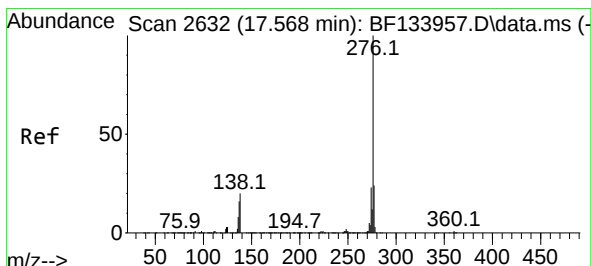
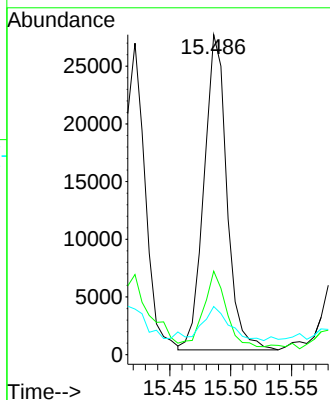
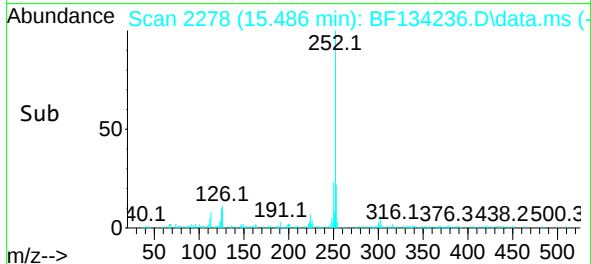
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)



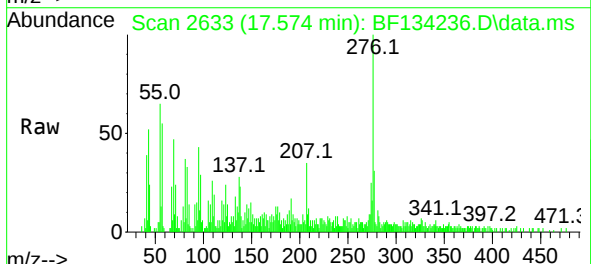
Tgt Ion:252 Resp: 3554
Ion Ratio Lower Upper
252 100
253 26.1 17.4 26.0
125 15.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#92
Benzo(g,h,i)perylene
Concen: 3.554 ng
RT: 17.574 min Scan# 2633
Delta R.T. 0.006 min
Lab File: BF134236.D
Acq: 12 Jul 2023 03:54



Tgt Ion:276 Resp: 25448
Ion Ratio Lower Upper
276 100
277 31.2 19.0 28.6
138 22.9 16.2 24.2

