

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134368.D
 Acq On : 19 Jul 2023 20:18
 Operator : CG\JU
 Sample : 03641-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP13

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 20 00:45:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	68427	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	252075	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	119644	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	199855	20.000	ng	0.00
76) Chrysene-d12	14.027	240	141378	20.000	ng	-0.01
86) Perylene-d12	15.533	264	115234	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	324044	79.216	ng	0.00
7) Phenol-d6	6.481	99	385211	76.572	ng	0.00
23) Nitrobenzene-d5	7.398	82	263594	56.369	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	117735	78.485	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	510438	62.028	ng	-0.01
79) Terphenyl-d14	12.963	244	468588	53.343	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	20363	2.024	ng	97
75) Fluoranthene	12.586	202	66003	6.068	ng	97
78) Pyrene	12.822	202	57932	4.403	ng	98
81) Benzo(a)anthracene	14.021	228	30570	3.118	ng	95
83) Chrysene	14.057	228	32024	3.372	ng	97
88) Benzo(b)fluoranthene	15.092	252	34889m	5.149	ng	
90) Benzo(a)pyrene	15.468	252	21962	3.352	ng	# 91

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

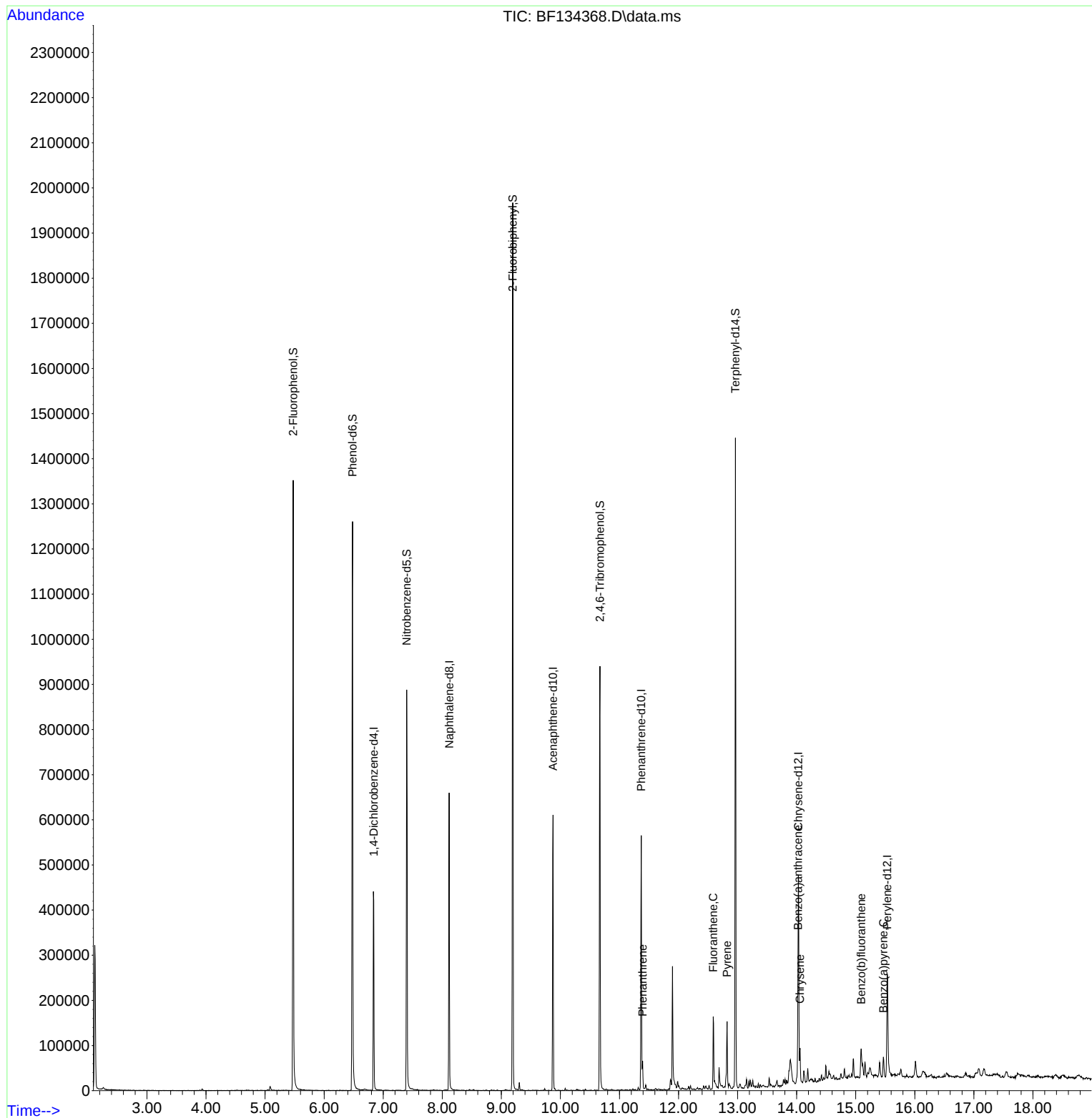
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134368.D
Acq On : 19 Jul 2023 20:18
Operator : CG\JU
Sample : 03641-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

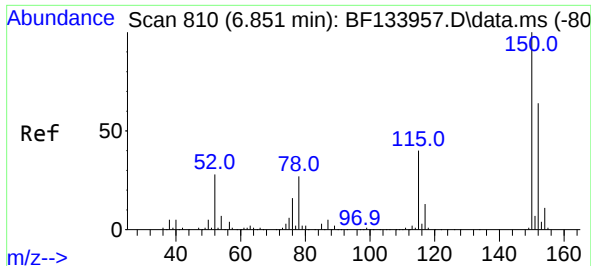
Instrument :
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Quant Time: Jul 20 00:45:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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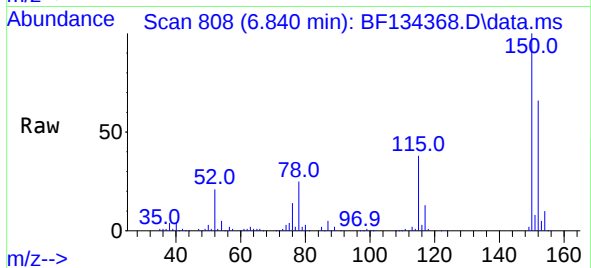
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18

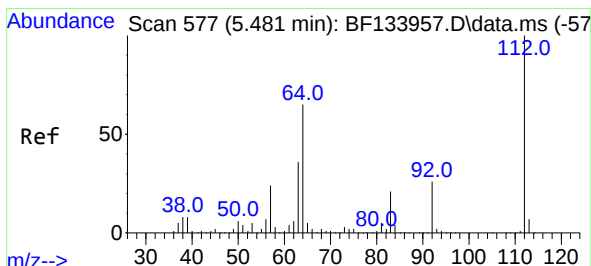
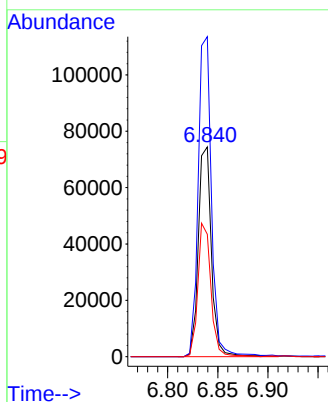
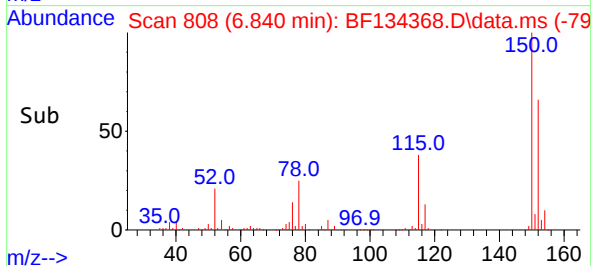
Instrument :
BNA_F
ClientSampleId :
TP13



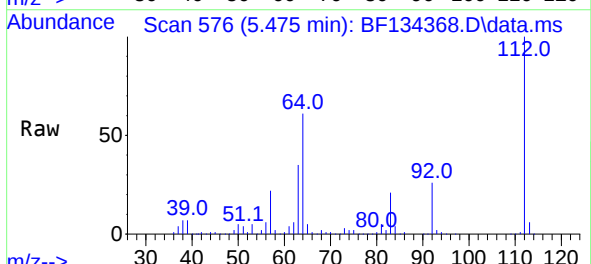
Tgt Ion:152 Resp: 6842
Ion Ratio Lower Upper
152 100
150 152.5 124.5 186.7
115 58.4 50.2 75.2

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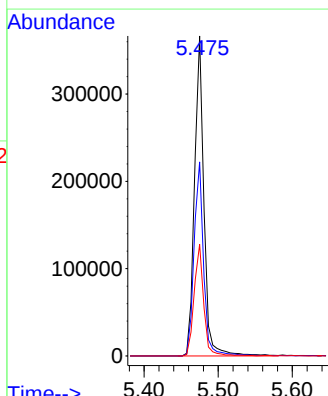
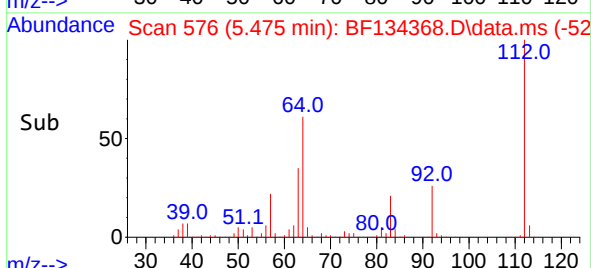
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

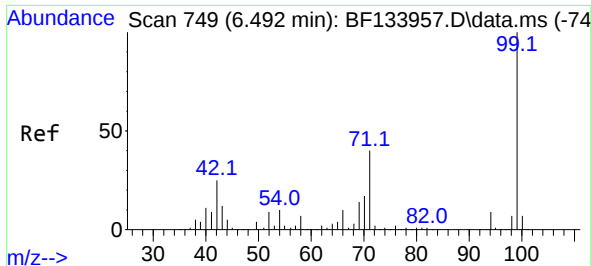


#5
2-Fluorophenol
Concen: 79.216 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18



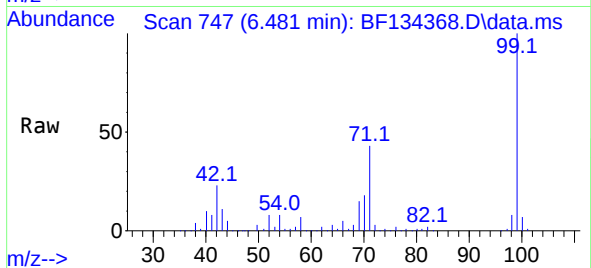
Tgt Ion:112 Resp: 324044
Ion Ratio Lower Upper
112 100
64 60.7 52.1 78.1
63 34.9 28.6 42.8





#7
Phenol-d6
Concen: 76.572 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18

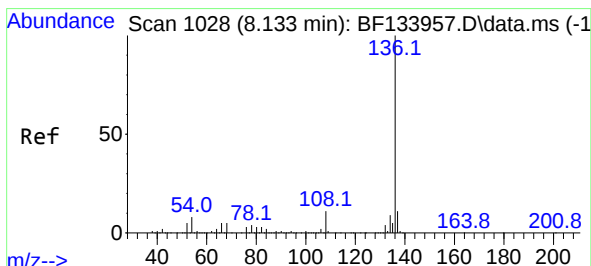
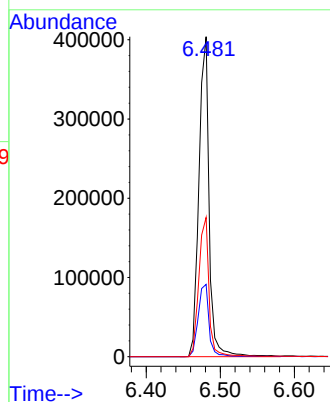
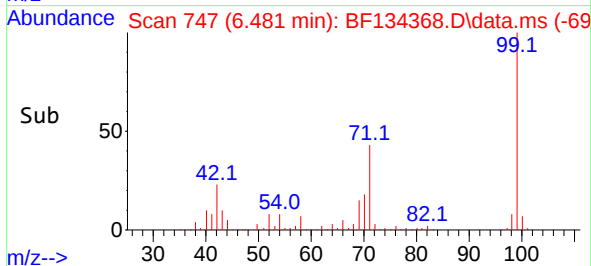
Instrument :
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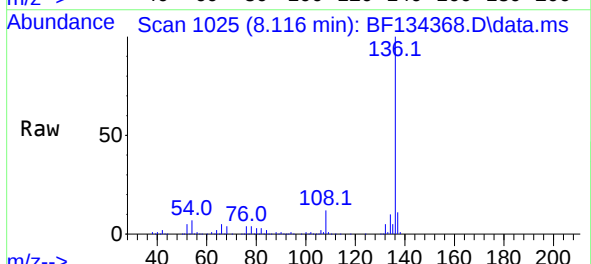
Tgt Ion: 99 Resp: 38521
Ion Ratio Lower Upper
99 100
42 22.6 19.8 29.6
71 43.5 31.9 47.9

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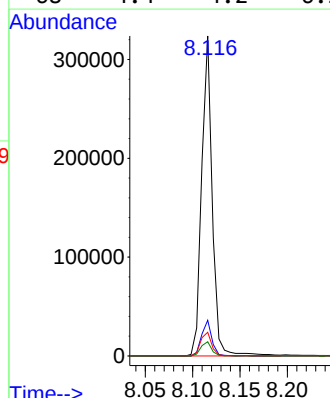
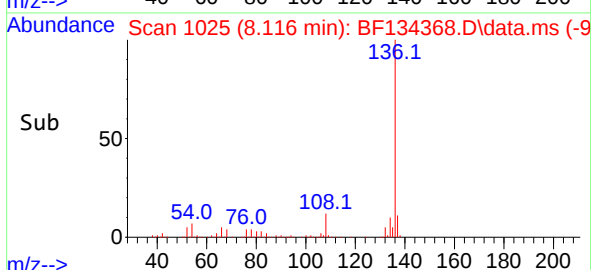
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

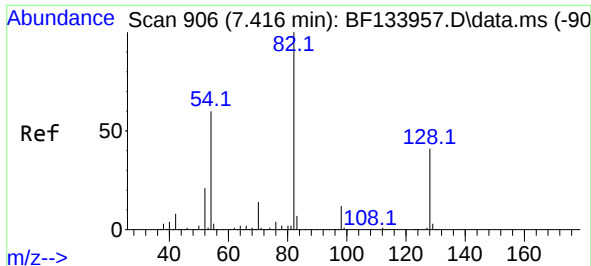


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18



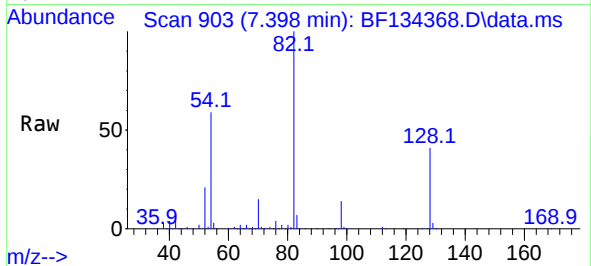
Tgt Ion:136 Resp: 252075
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.4 6.5 9.7
68 4.4 4.2 6.2





#23
Nitrobenzene-d5
Concen: 56.369 ng
RT: 7.398 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18

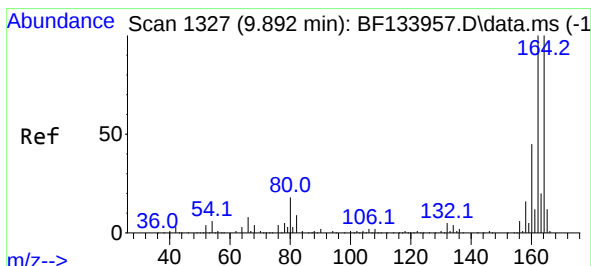
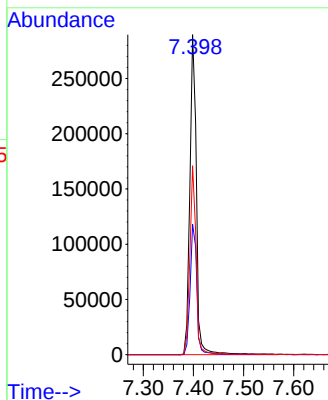
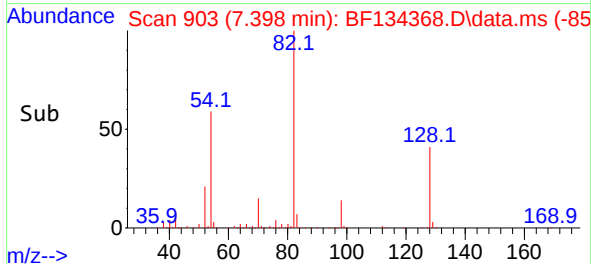
Instrument :
BNA_F
ClientSampleId :
TP13



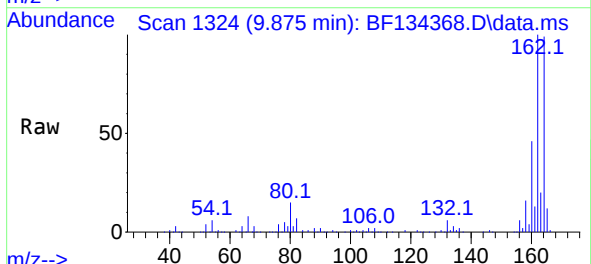
Tgt Ion: 82 Resp: 263594
Ion Ratio Lower Upper
82 100
128 40.8 32.5 48.7
54 59.1 48.2 72.2

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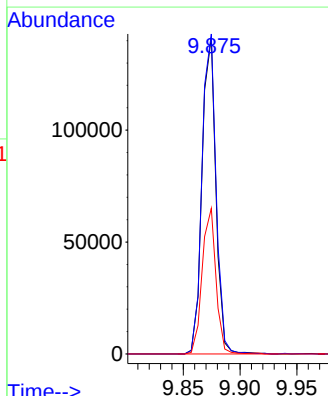
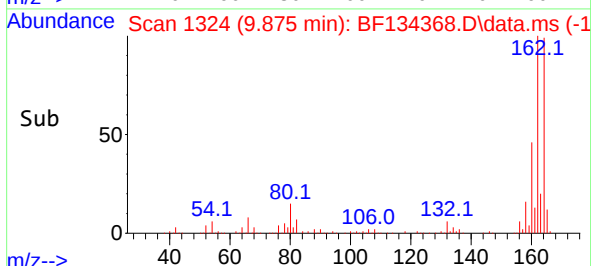
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

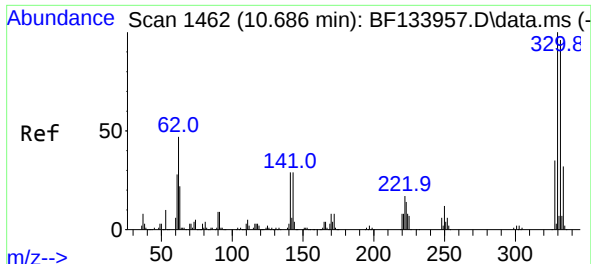


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18



Tgt Ion:164 Resp: 119644
Ion Ratio Lower Upper
164 100
162 101.1 80.0 120.0
160 46.0 35.9 53.9





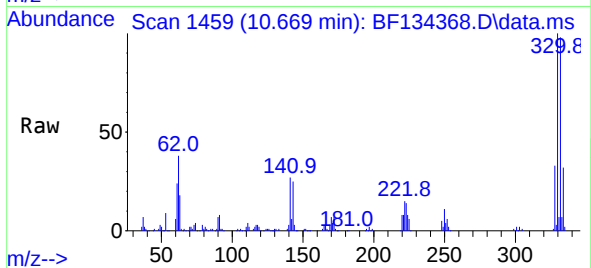
#42
2,4,6-Tribromophenol
Concen: 78.485 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18

Instrument :

BNA_F

ClientSampleId :

TP13



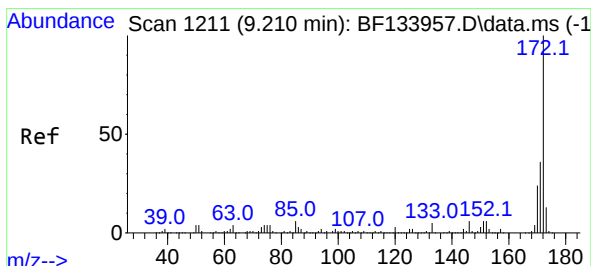
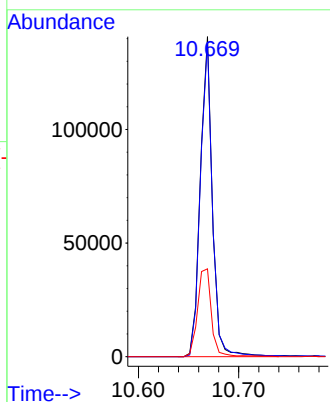
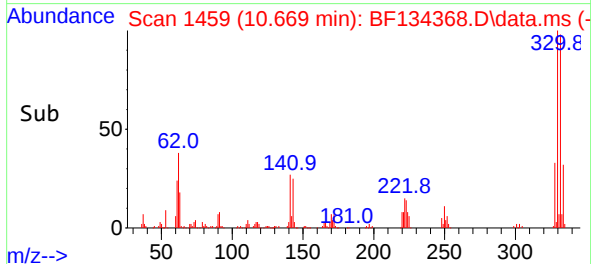
Tgt Ion:330 Resp: 11773
Ion Ratio Lower Upper
330 100
332 98.8 77.0 115.6
141 31.8 26.3 39.5

Manual Integrations

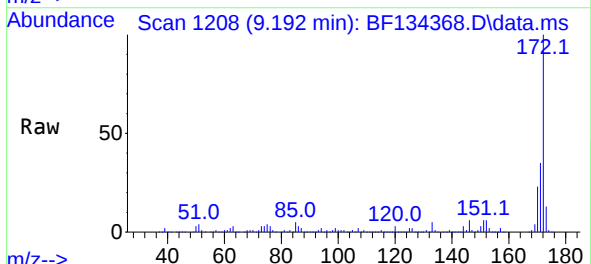
APPROVED

Reviewed By :Yogesh Patel 07/20/2023

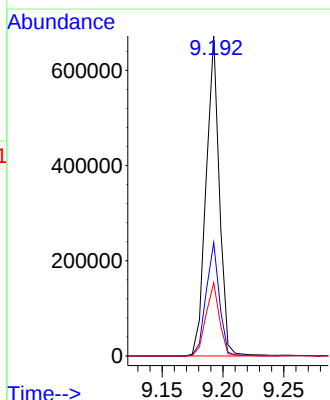
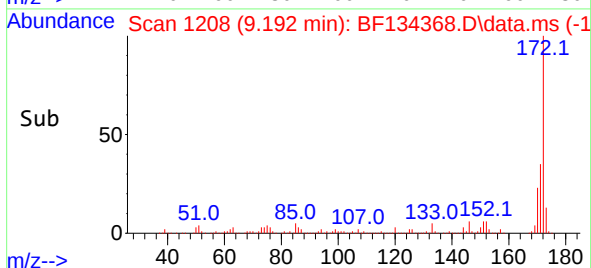
Supervised By :mohammad ahmed 07/20/2023

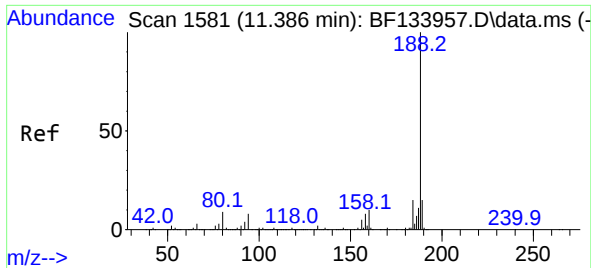


#45
2-Fluorobiphenyl
Concen: 62.028 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18



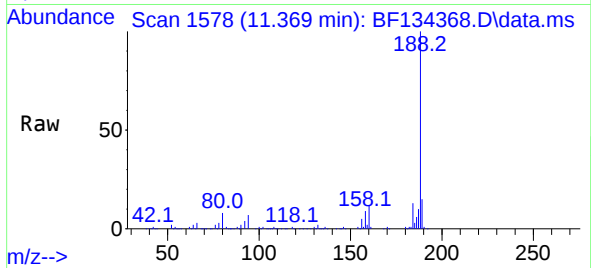
Tgt Ion:172 Resp: 510438
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 22.9 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18

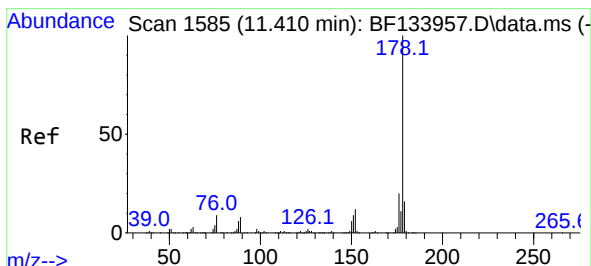
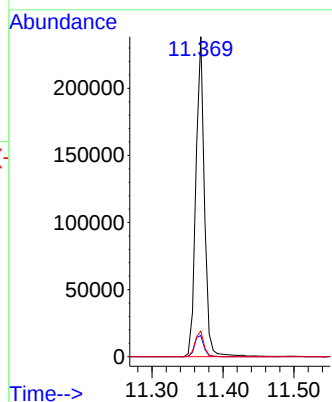
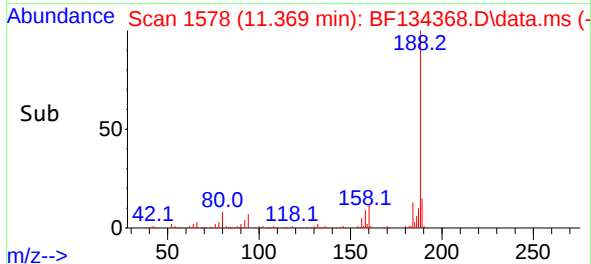
Instrument :
BNA_F
ClientSampleId :
TP13



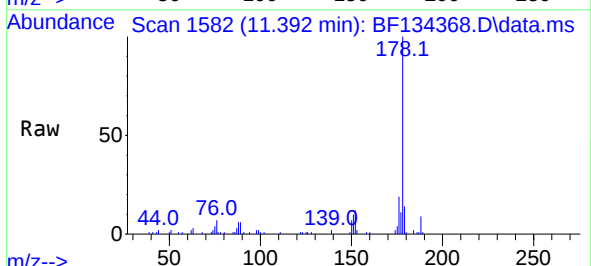
Tgt Ion:188 Resp: 19985
Ion Ratio Lower Upper
188 100
94 6.6 6.4 9.6
80 8.0 7.3 10.9

Manual Integrations
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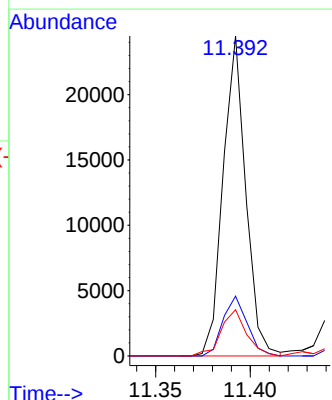
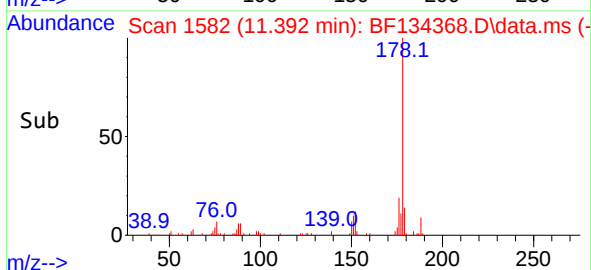
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

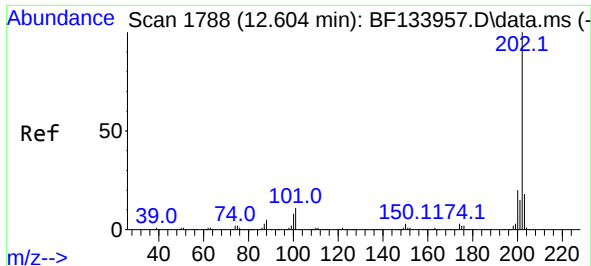


#71
Phenanthrene
Concen: 2.024 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18



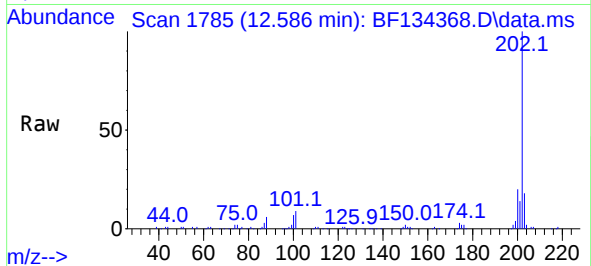
Tgt Ion:178 Resp: 20363
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 14.5 12.4 18.6





#75
Fluoranthene
Concen: 6.068 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18

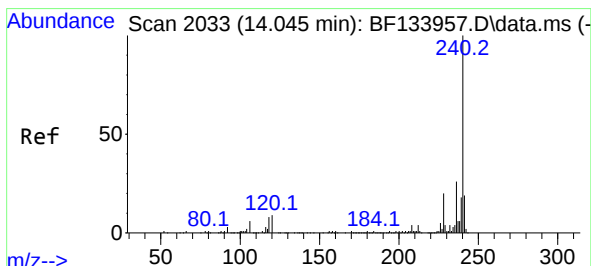
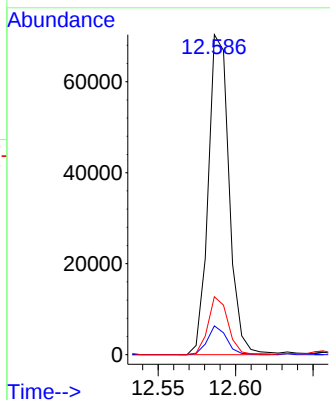
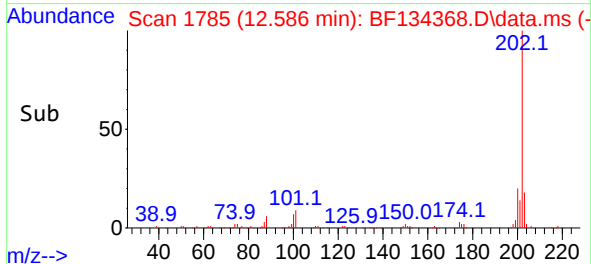
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Tgt Ion:202 Resp: 6600
Ion Ratio Lower Upper
202 100
101 9.0 0.0 31.0
203 18.1 0.0 37.6

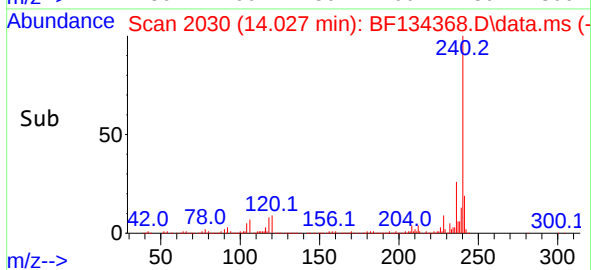
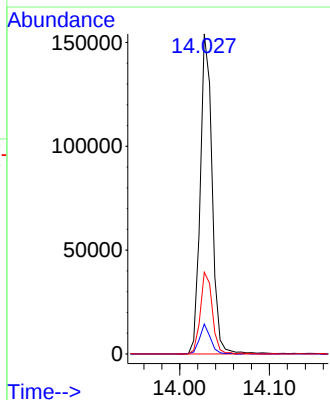
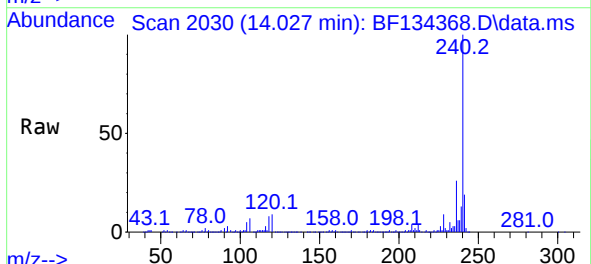
Manual Integrations
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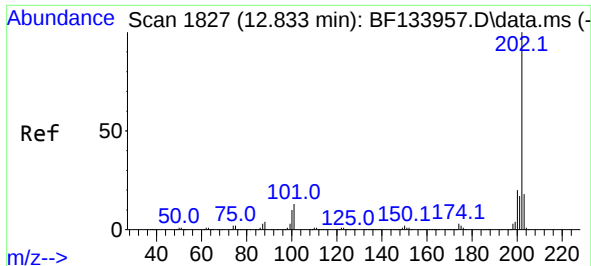
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18

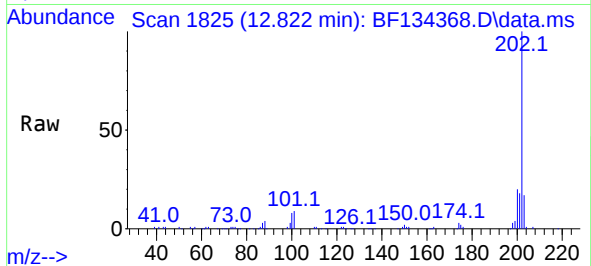
Tgt Ion:240 Resp: 141378
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 25.5 21.0 31.6





#78
Pyrene
Concen: 4.403 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18

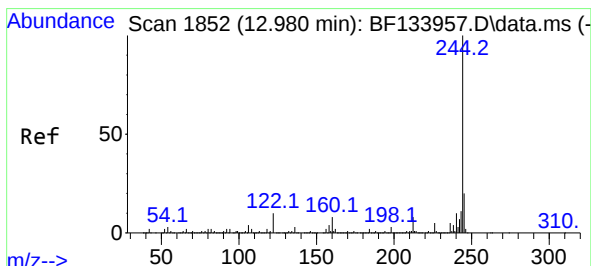
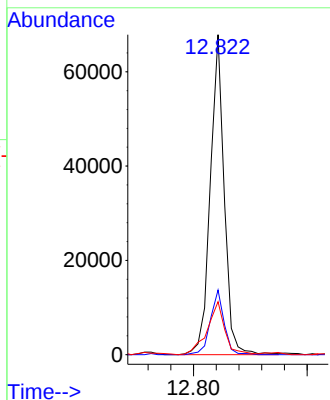
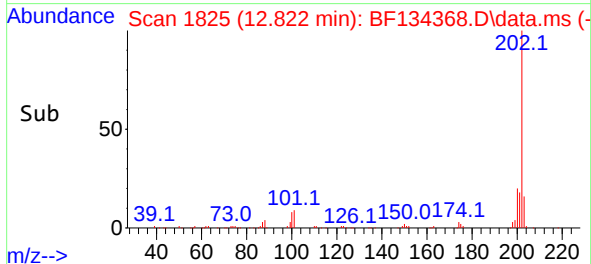
Instrument :
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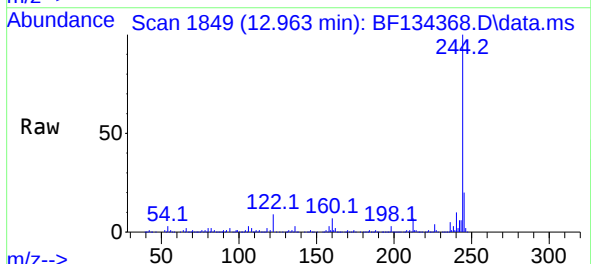
Tgt Ion:202 Resp: 5793
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 16.5 14.3 21.5

Manual Integrations
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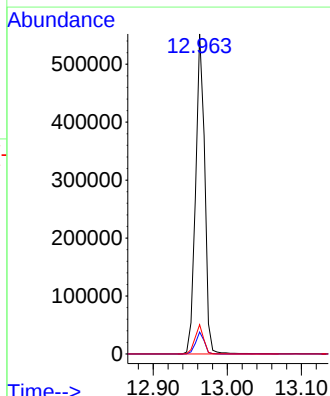
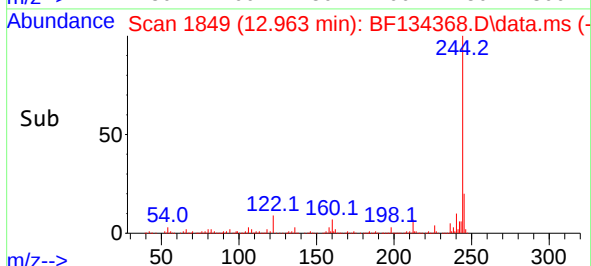
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

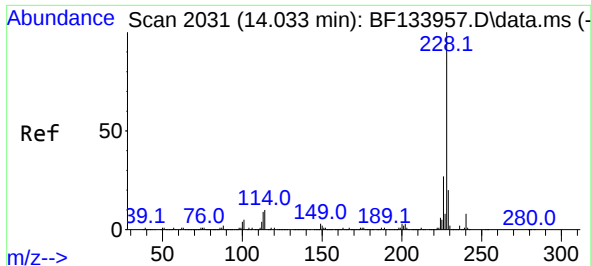


#79
Terphenyl-d14
Concen: 53.343 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18



Tgt Ion:244 Resp: 468588
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 9.2 8.3 12.5





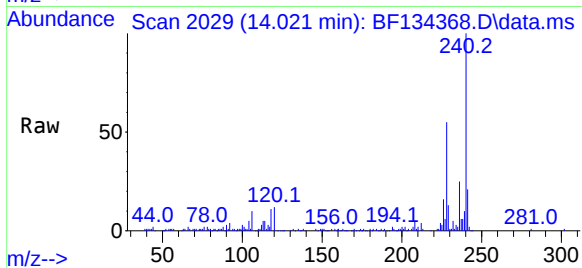
#81
Benzo(a)anthracene
Concen: 3.118 ng
RT: 14.021 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18

Instrument :

BNA_F

ClientSampleId :

TP13

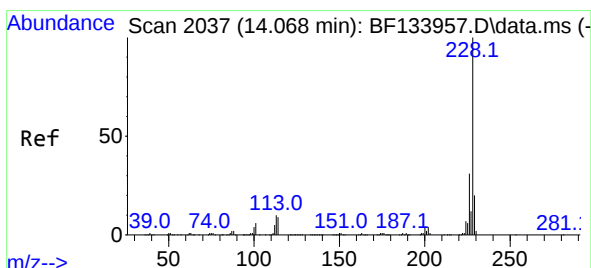
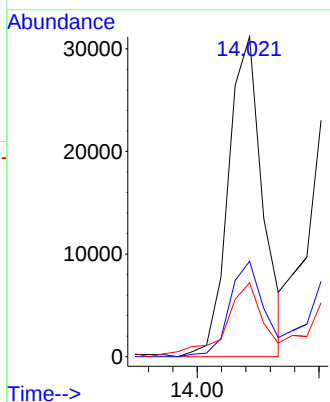
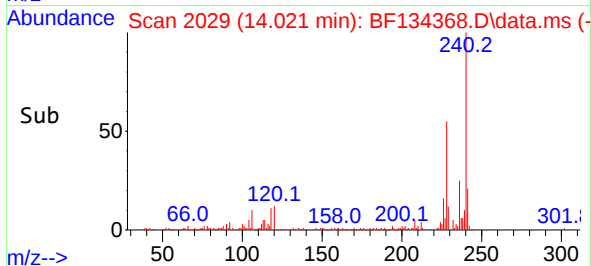


Tgt Ion:228 Resp: 30570
Ion Ratio Lower Upper
228 100
226 29.8 22.0 33.0
229 23.1 16.3 24.5

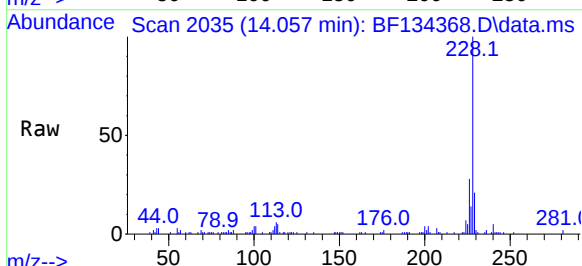
Manual Integrations

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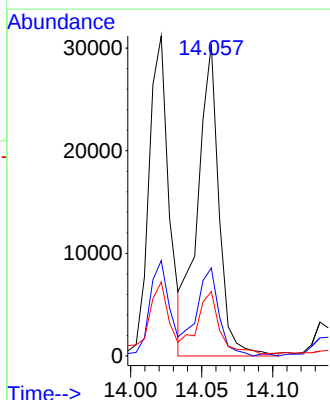
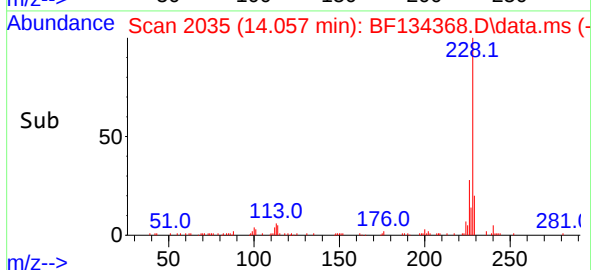
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

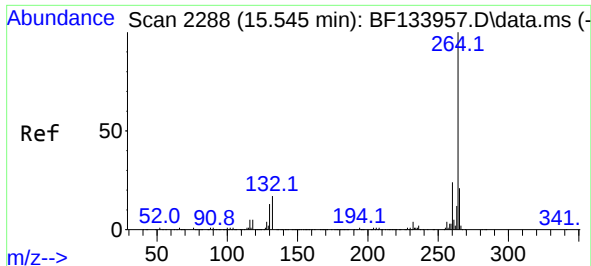


#83
Chrysene
Concen: 3.372 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18



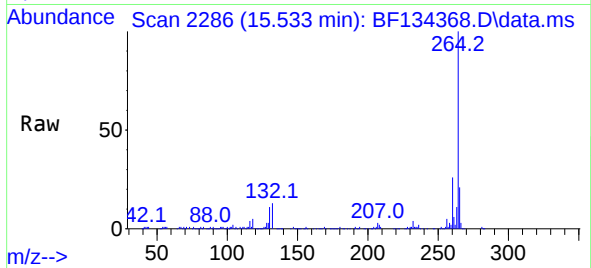
Tgt Ion:228 Resp: 32024
Ion Ratio Lower Upper
228 100
226 28.2 24.4 36.6
229 20.7 16.1 24.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18

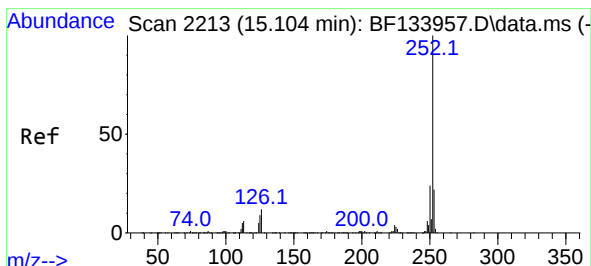
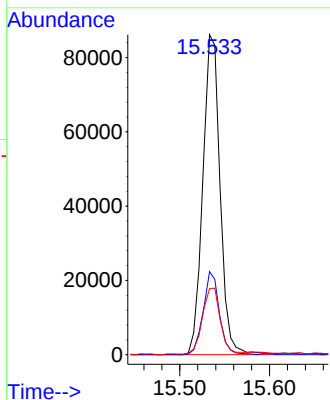
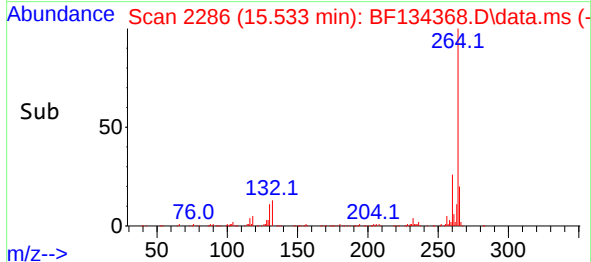
Instrument :
BNA_F
ClientSampleId :
TP13



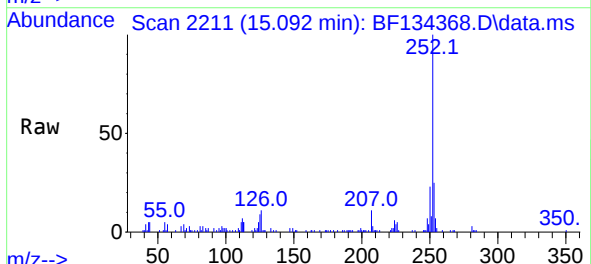
Tgt Ion:264 Resp: 115234
Ion Ratio Lower Upper
264 100
260 26.0 19.5 29.3
265 20.6 16.6 25.0

Manual Integrations
APPROVED

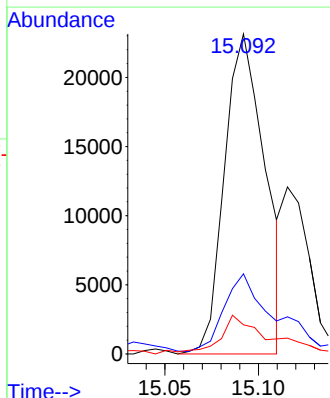
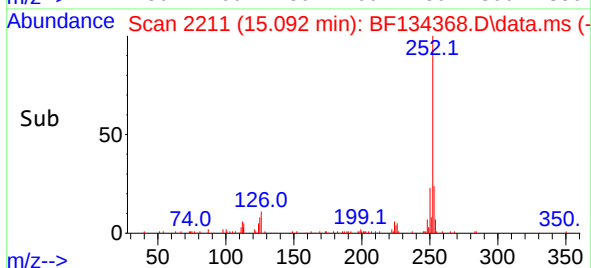
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

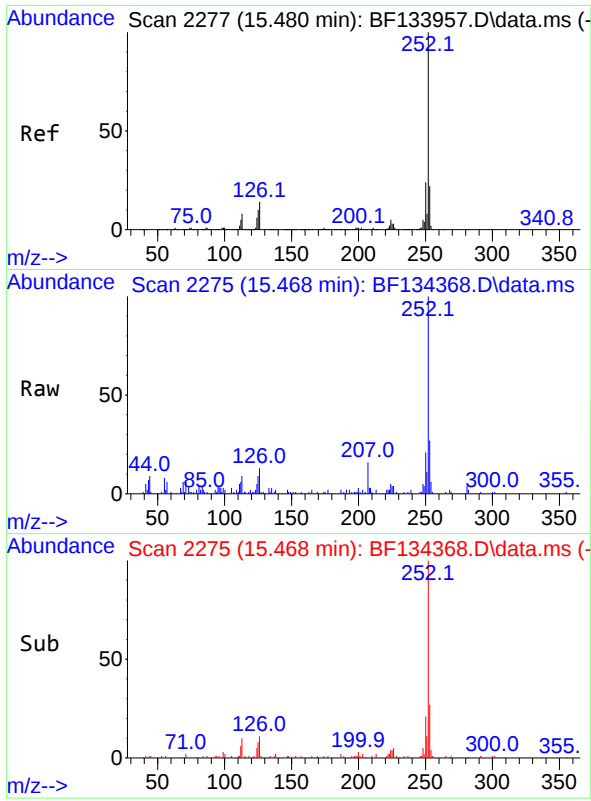


#88
Benzo(b)fluoranthene
Concen: 5.149 ng m
RT: 15.092 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18



Tgt Ion:252 Resp: 34889
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.0
125 9.1 7.1 10.7





#90
Benzo(a)pyrene
Concen: 3.352 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134368.D
Acq: 19 Jul 2023 20:18

Instrument :
BNA_F
ClientSampleId :
TP13

Tgt Ion:252 Resp: 21962
Ion Ratio Lower Upper
252 100
253 27.3 17.4 26.0
125 9.3 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

