

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
 Data File : BF134424.D
 Acq On : 22 Jul 2023 16:09
 Operator : CG\JU
 Sample : 03607-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 23 04:42:21 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	6.839	152	82665	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	271950	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	137518	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	259415	20.000	ng	0.00
76) Chrysene-d12	14.033	240	165609	20.000	ng	0.00
86) Perylene-d12	15.545	264	174076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	383778	77.659	ng	0.00
7) Phenol-d6	6.481	99	449454	73.954	ng	0.00
23) Nitrobenzene-d5	7.398	82	275336	54.577	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	136035	78.897	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	496085	52.448	ng	-0.01
79) Terphenyl-d14	12.968	244	509197	49.485	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	34847	2.668	ng	98
75) Fluoranthene	12.592	202	78659	5.571	ng	96
78) Pyrene	12.821	202	64765	4.202	ng	97
81) Benzo(a)anthracene	14.021	228	32507	2.830	ng	98
83) Chrysene	14.063	228	35613	3.201	ng	97
84) Bis(2-ethylhexyl)phtha...	14.004	149	14782	2.226	ng	# 94
88) Benzo(b)fluoranthene	15.098	252	44946m	4.391	ng	

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

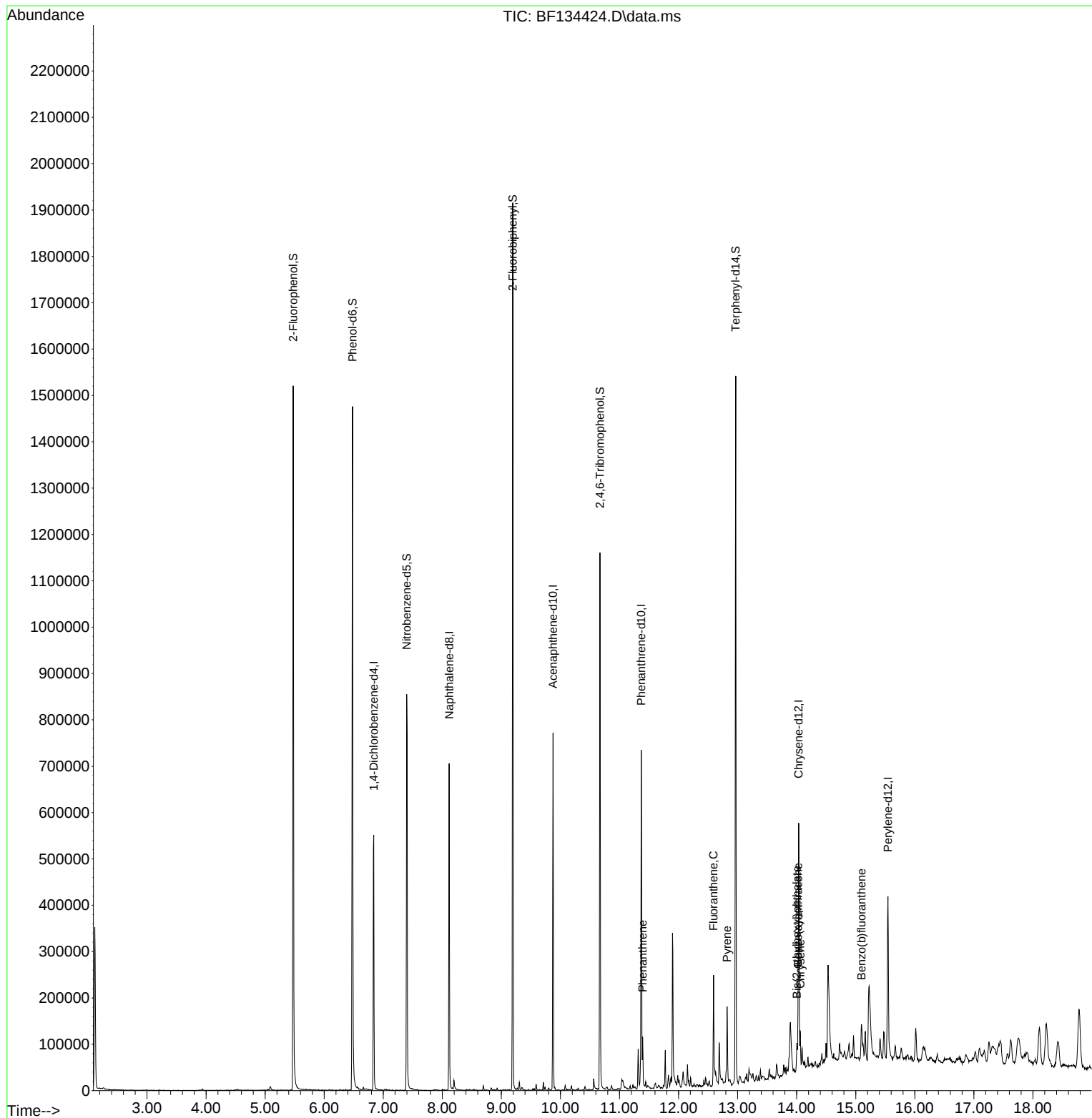
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
Data File : BF134424.D
Acq On : 22 Jul 2023 16:09
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Sample : 03607-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

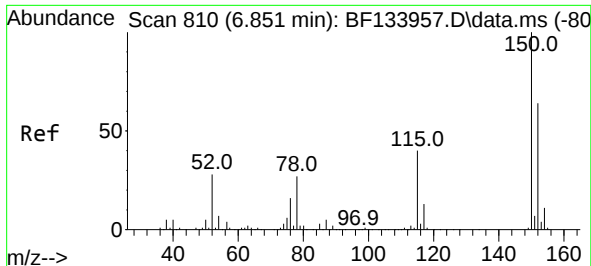
Instrument :
BNA_F
ClientSampleId :
BG-1

Quant Time: Jul 23 04:42:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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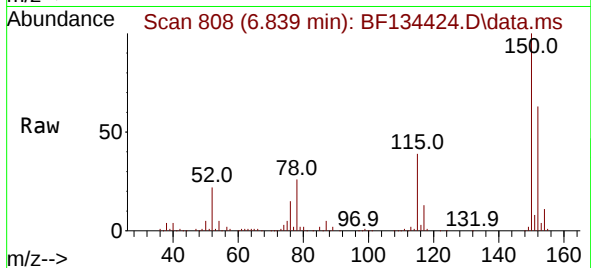
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09

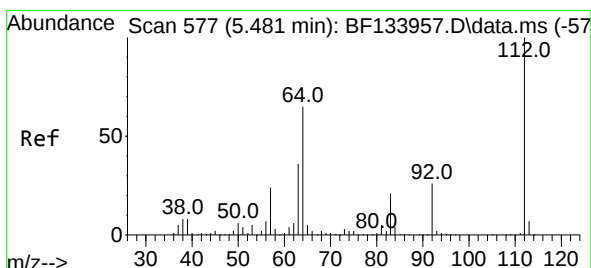
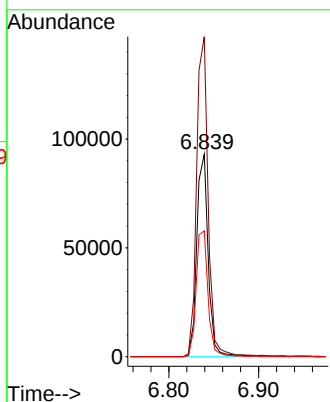
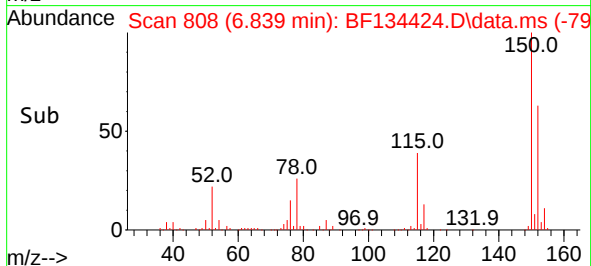
Instrument :
BNA_F
ClientSampleId :
BG-1



Tgt Ion:152 Resp: 8266
Ion Ratio Lower Upper
152 100
150 157.9 124.5 186.7
115 62.0 50.2 75.2

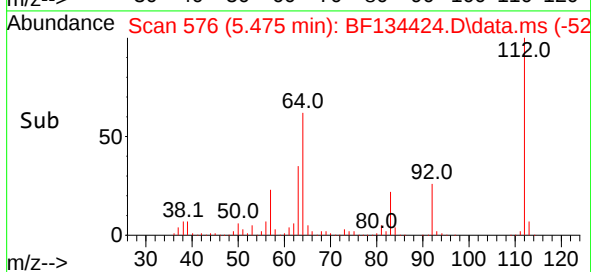
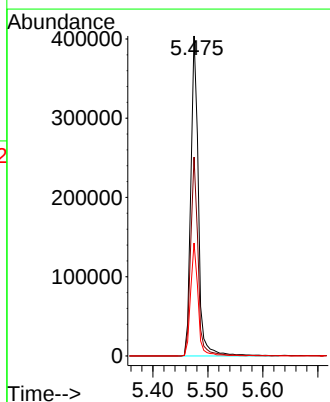
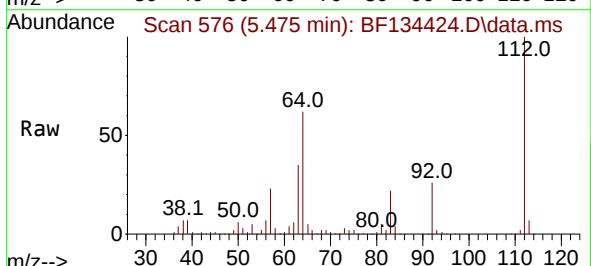
Manual Integrations
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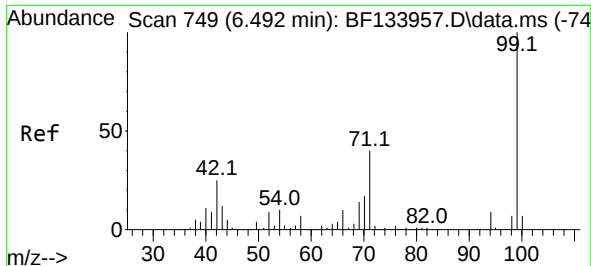
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#5
2-Fluorophenol
Concen: 77.659 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09

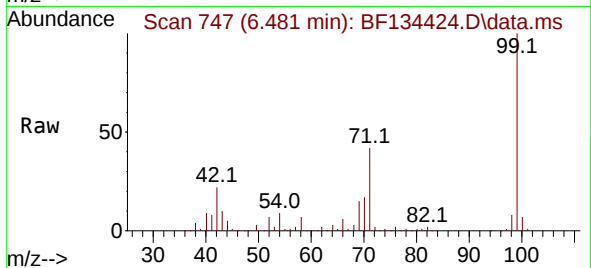
Tgt Ion:112 Resp: 383778
Ion Ratio Lower Upper
112 100
64 62.1 52.1 78.1
63 35.3 28.6 42.8





#7
Phenol-d6
Concen: 73.954 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09

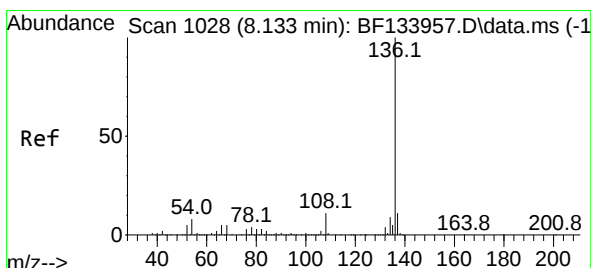
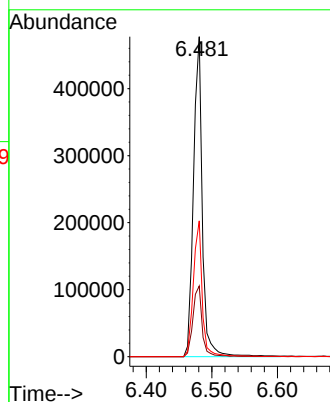
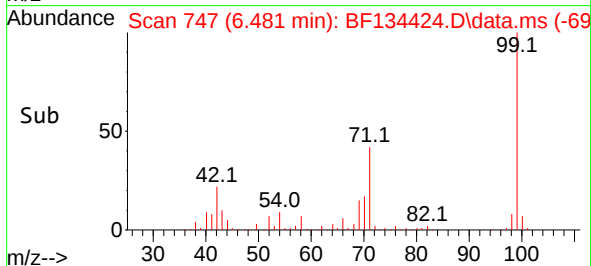
Instrument :
BNA_F
ClientSampleId :
BG-1



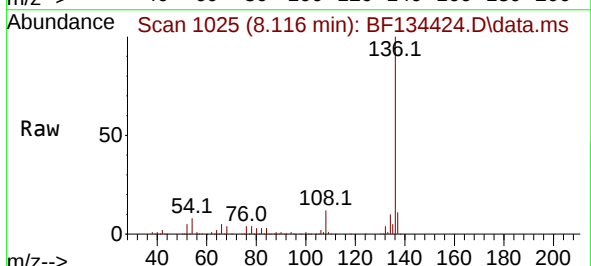
Tgt Ion: 99 Resp: 449454
Ion Ratio Lower Upper
99 100
42 22.1 19.8 29.6
71 42.4 31.9 47.9

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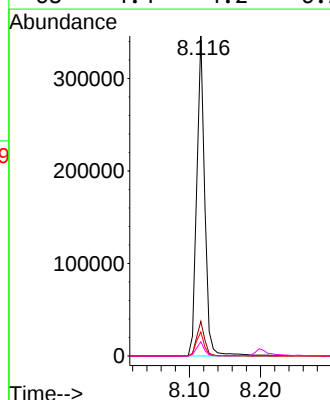
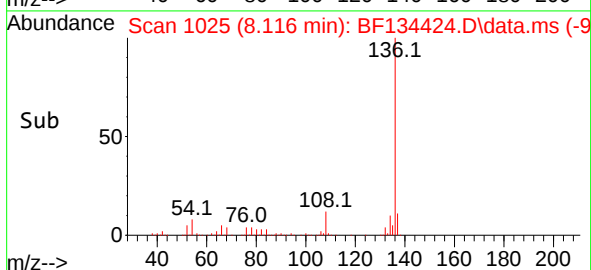
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

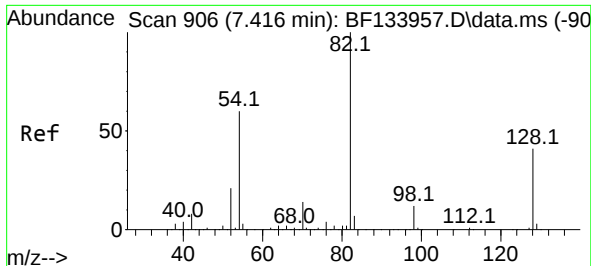


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09



Tgt Ion:136 Resp: 271950
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.5 6.5 9.7
68 4.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 54.577 ng

RT: 7.398 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134424.D

Acq: 22 Jul 2023 16:09

Instrument :

BNA_F

ClientSampleId :

BG-1

Tgt Ion: 82 Resp: 275330

Ion Ratio Lower Upper

82 100

128 39.0 32.5 48.7

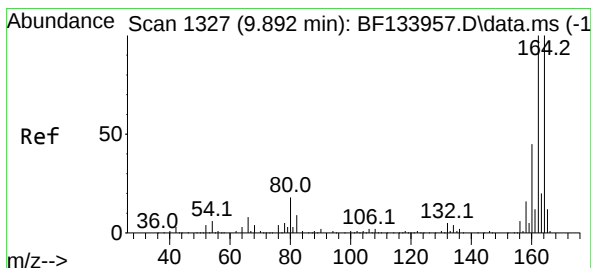
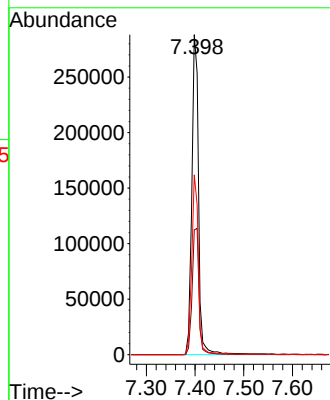
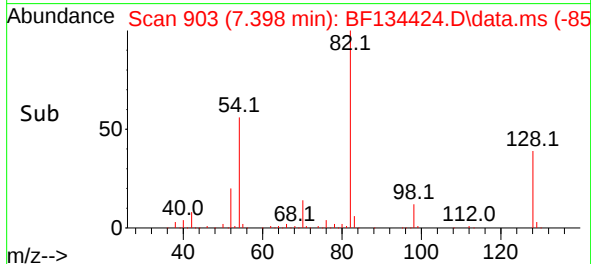
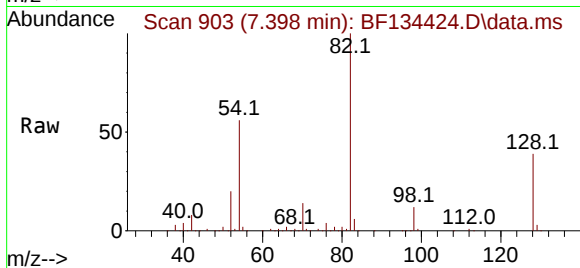
54 56.2 48.2 72.2

Manual Integrations

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Supervised By :mohammad ahmed 07/24/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF134424.D

Acq: 22 Jul 2023 16:09

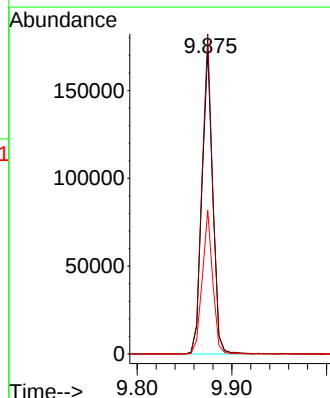
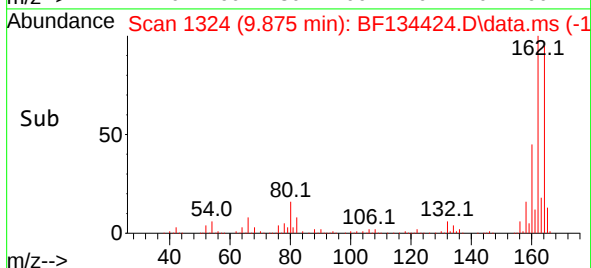
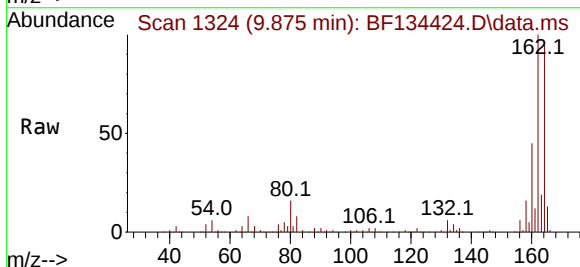
Tgt Ion:164 Resp: 137518

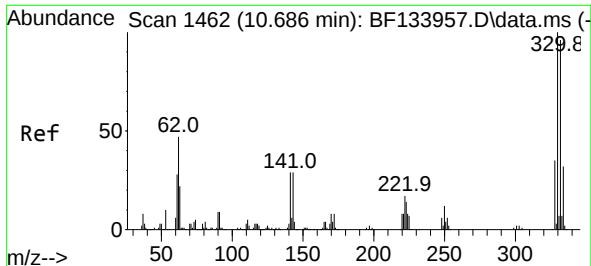
Ion Ratio Lower Upper

164 100

162 105.2 80.0 120.0

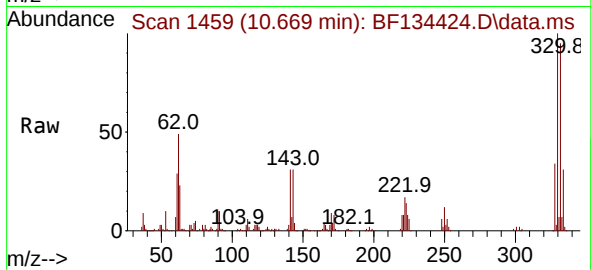
160 47.4 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 78.897 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09

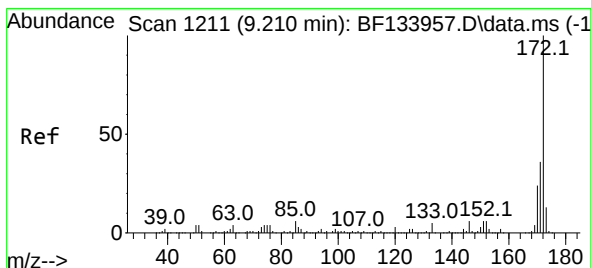
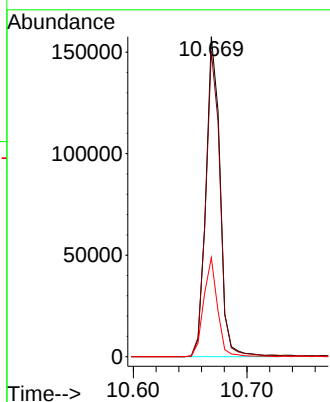
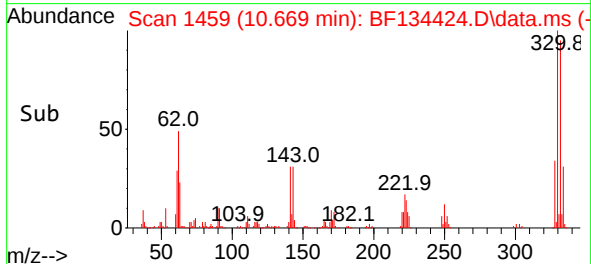
Instrument :
BNA_F
ClientSampleId :
BG-1



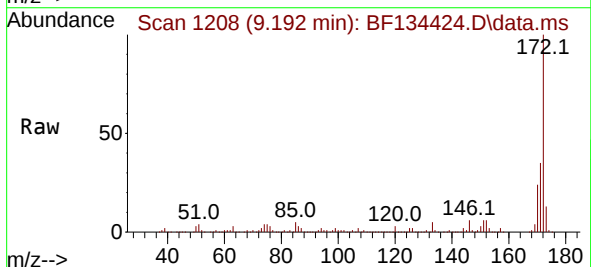
Tgt Ion: 330 Resp: 136035
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 30.4 26.3 39.5

Manual Integrations
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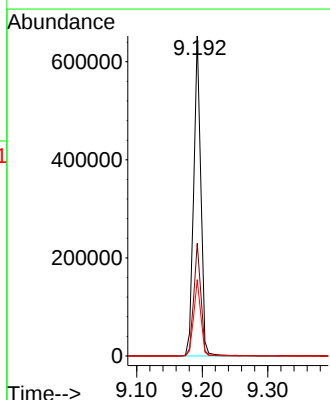
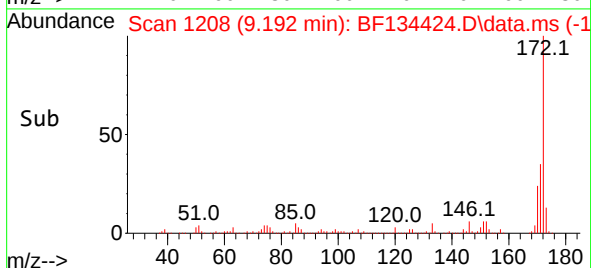
Reviewed By : Yogesh Patel 07/24/2023
Supervised By : mohammad ahmed 07/24/2023

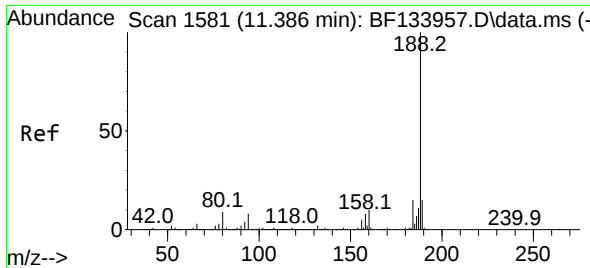


#45
2-Fluorobiphenyl
Concen: 52.448 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09



Tgt Ion: 172 Resp: 496085
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.8 19.4 29.0





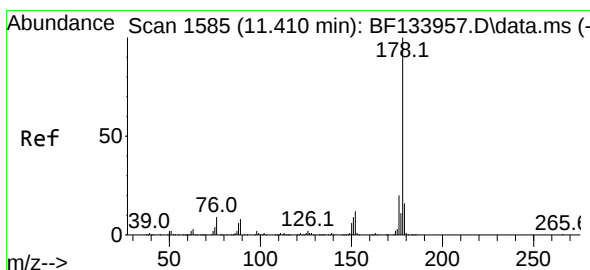
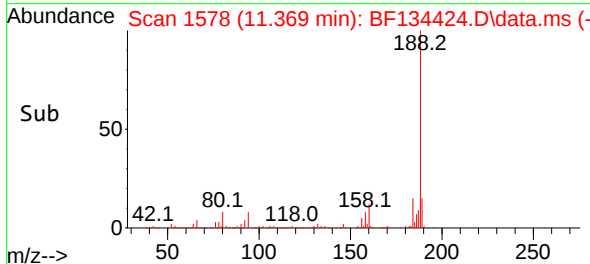
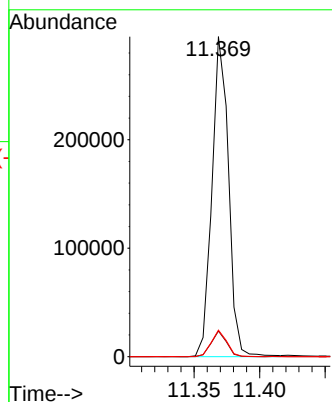
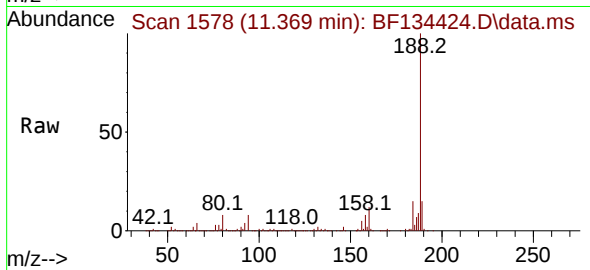
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09

Instrument :
BNA_F
ClientSampleId :
BG-1

Tgt Ion:188 Resp: 25941
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.3 7.3 10.9

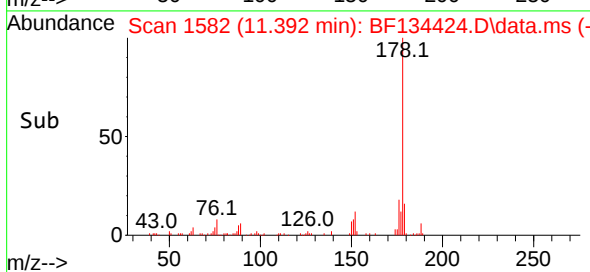
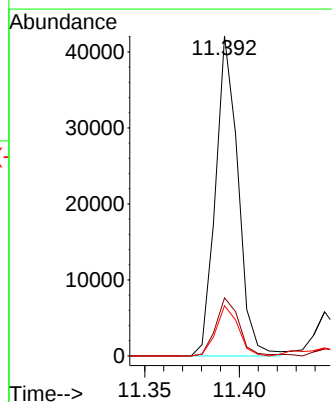
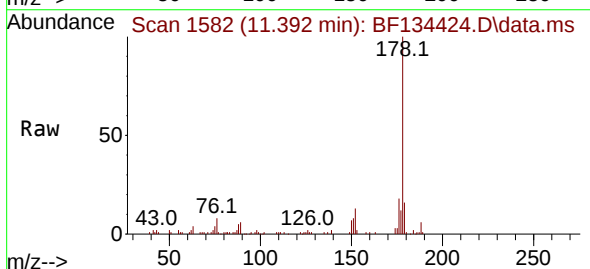
Manual Integrations
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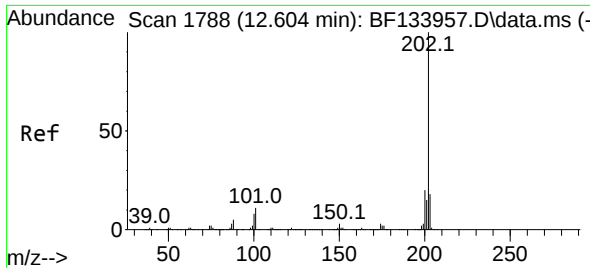
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#71
Phenanthrene
Concen: 2.668 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09

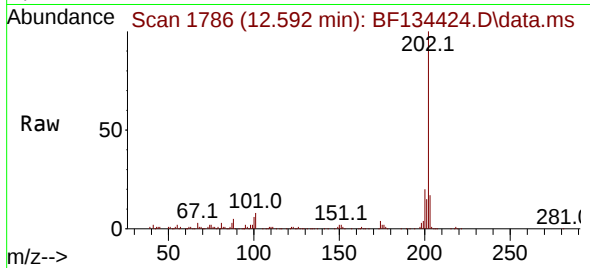
Tgt Ion:178 Resp: 34847
Ion Ratio Lower Upper
178 100
176 18.2 16.0 24.0
179 15.7 12.4 18.6





#75
Fluoranthene
Concen: 5.571 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09

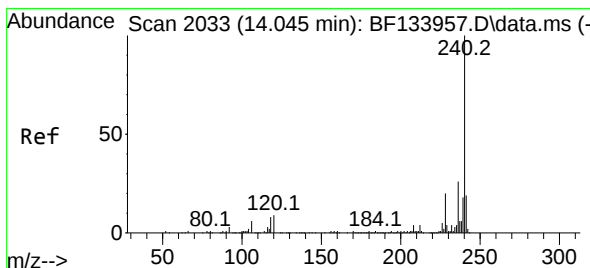
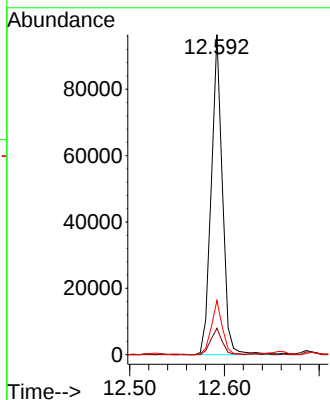
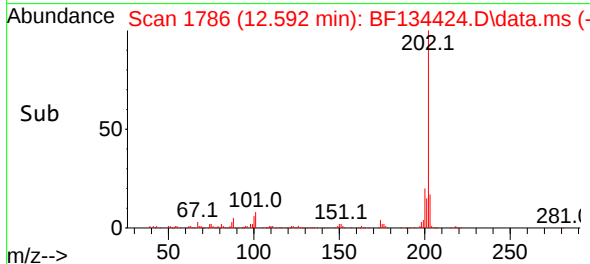
Instrument :
BNA_F
ClientSampleId :
BG-1



Tgt Ion:202 Resp: 78659
Ion Ratio Lower Upper
202 100
101 8.3 0.0 31.0
203 16.9 0.0 37.6

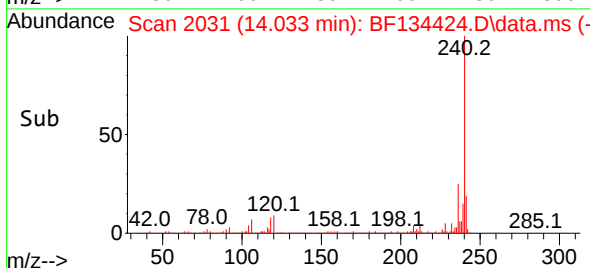
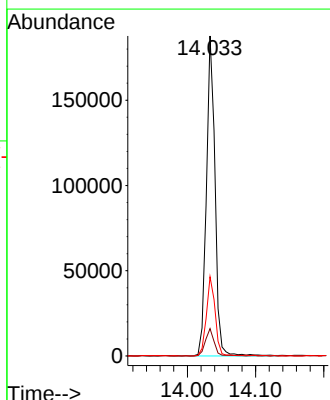
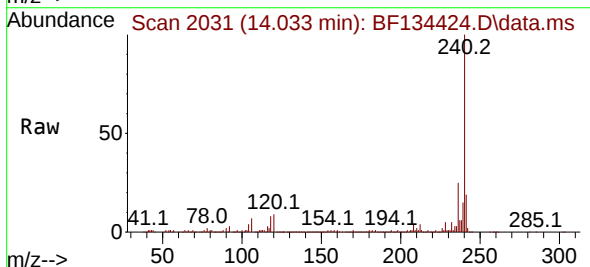
Manual Integrations
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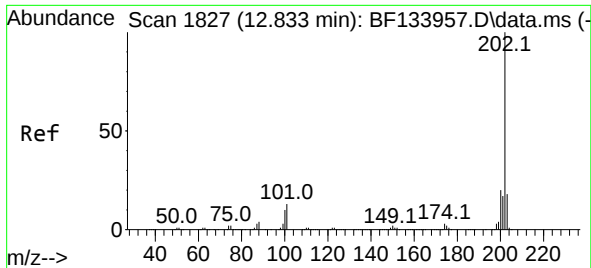
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09

Tgt Ion:240 Resp: 165609
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 24.8 21.0 31.6





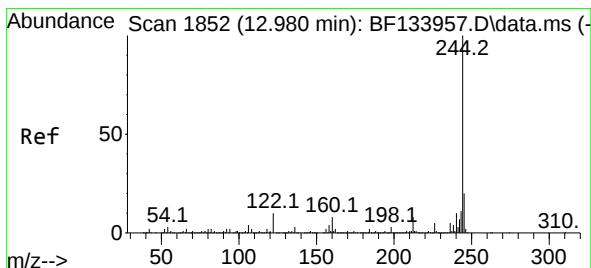
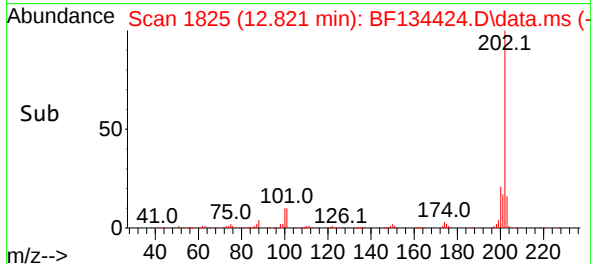
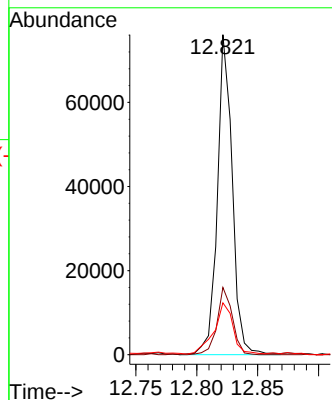
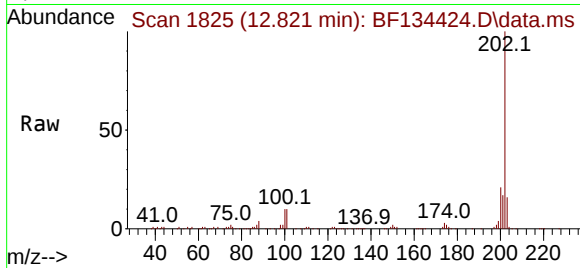
#78
Pyrene
Concen: 4.202 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09

Instrument :
BNA_F
ClientSampleId :
BG-1

Tgt Ion:202 Resp: 6476
Ion Ratio Lower Upper
202 100
200 21.0 16.1 24.1
203 16.2 14.3 21.5

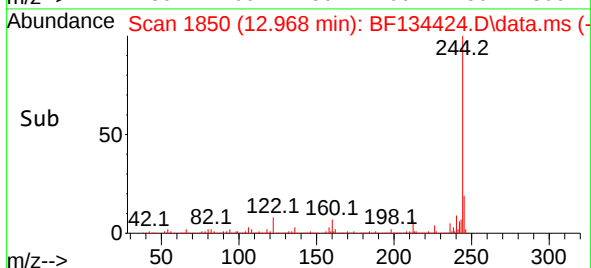
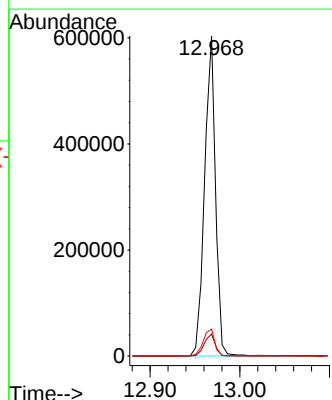
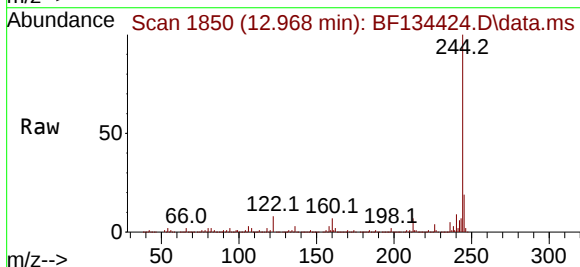
Manual Integrations
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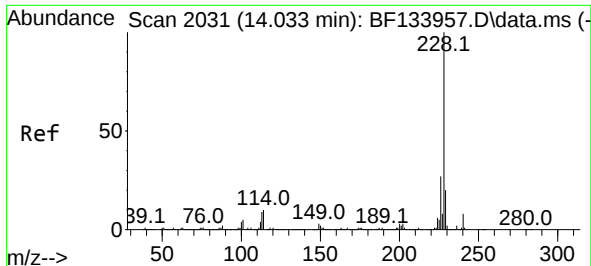
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#79
Terphenyl-d14
Concen: 49.485 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09

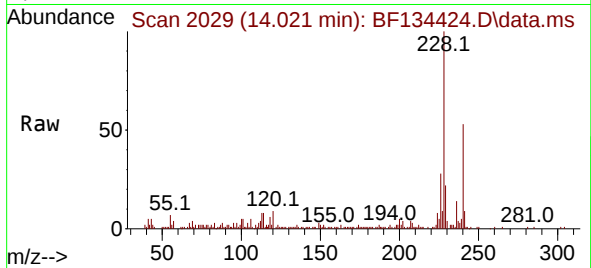
Tgt Ion:244 Resp: 509197
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 8.4 8.3 12.5





#81
Benzo(a)anthracene
Concen: 2.830 ng
RT: 14.021 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09

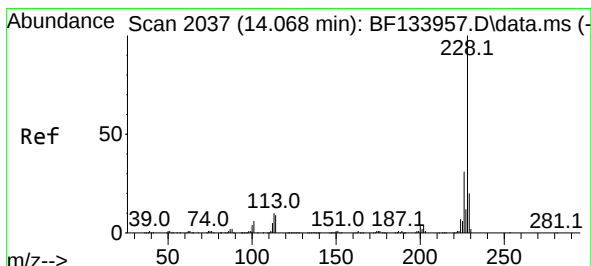
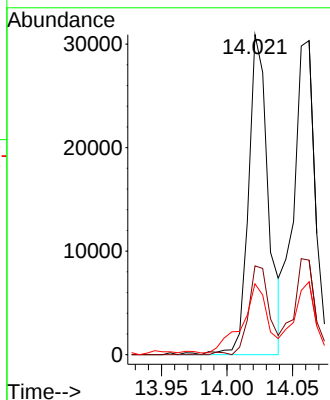
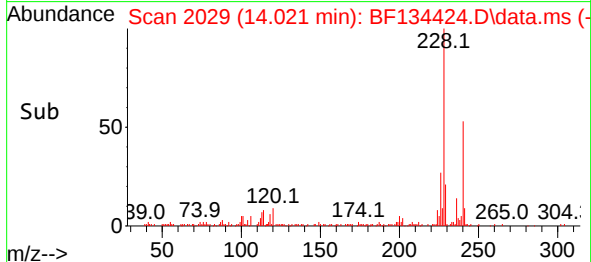
Instrument :
BNA_F
ClientSampleId :
BG-1



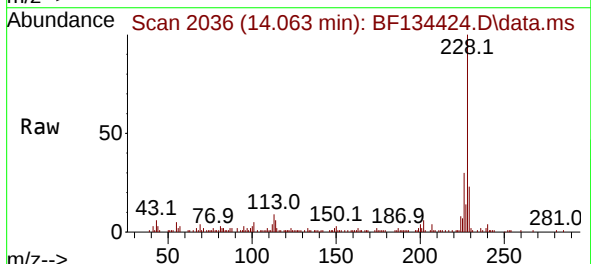
Tgt Ion:228 Resp: 3250
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 22.1 16.3 24.5

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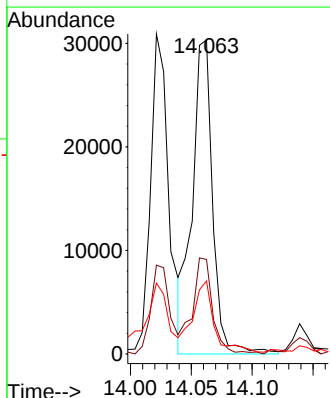
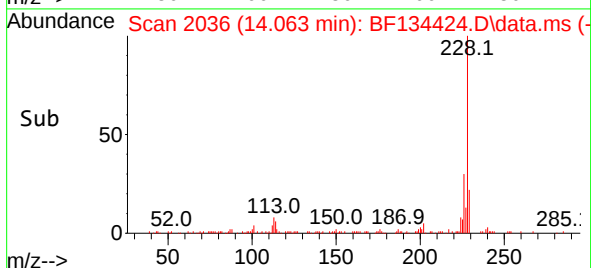
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

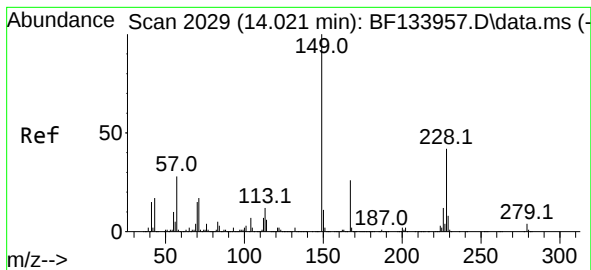


#83
Chrysene
Concen: 3.201 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09



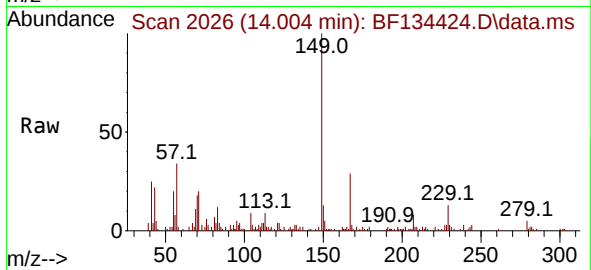
Tgt Ion:228 Resp: 35613
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 23.2 16.1 24.1





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.226 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09

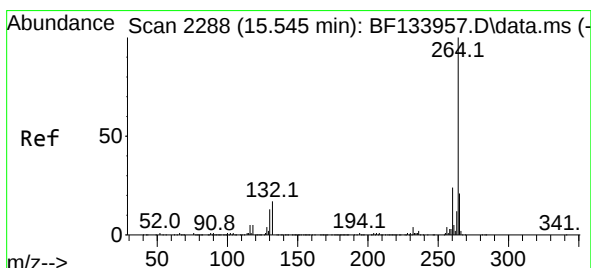
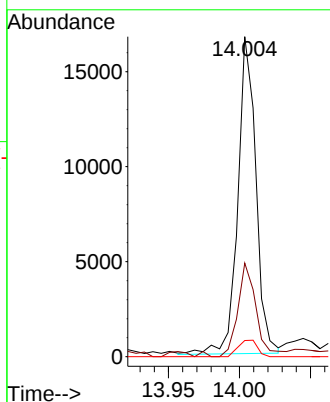
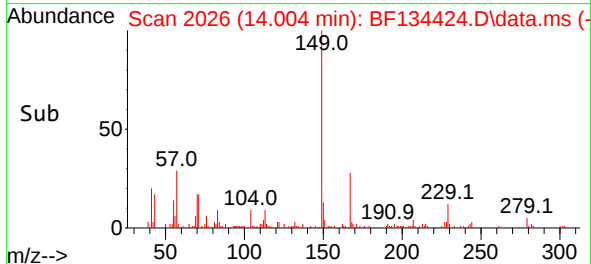
Instrument :
BNA_F
ClientSampleId :
BG-1



Tgt Ion:149 Resp: 1478
Ion Ratio Lower Upper
149 100
167 29.3 21.0 31.4
279 5.0 3.3 4.9

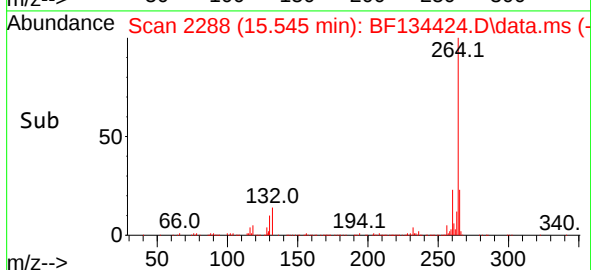
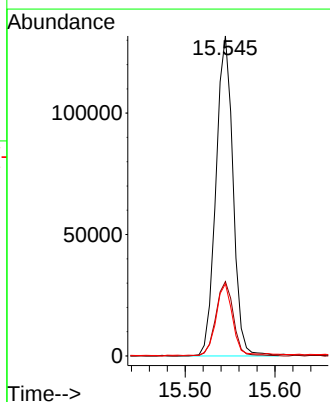
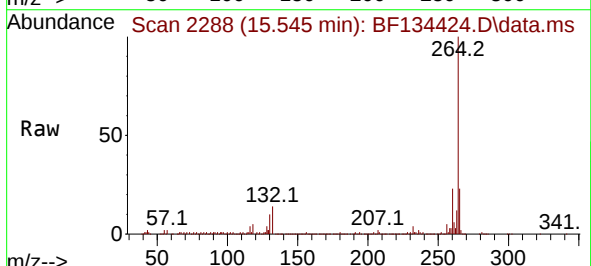
Manual Integrations
APPROVED

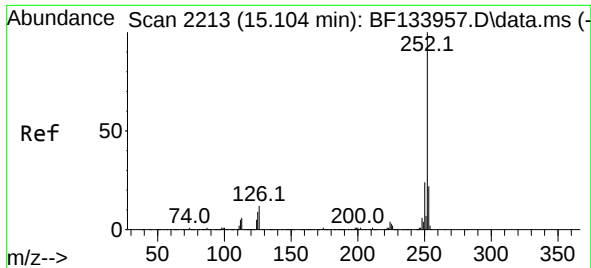
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09

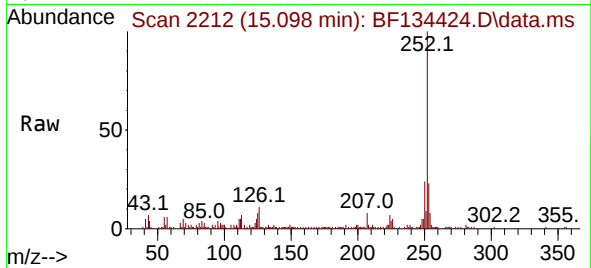
Tgt Ion:264 Resp: 174076
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 22.6 16.6 25.0





#88
Benzo(b)fluoranthene
Concen: 4.391 ng m
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134424.D
Acq: 22 Jul 2023 16:09

Instrument :
BNA_F
ClientSampleId :
BG-1



Tgt Ion:252 Resp: 44940
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 7.9 7.1 10.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

