

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134274.D
 Acq On : 13 Jul 2023 22:09
 Operator : CG\JU
 Sample : 03555-03RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-347RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023

Quant Time: Jul 13 23:35:27 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	79571	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	303713	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	152301	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	291755	20.000	ng	0.00
76) Chrysene-d12	14.033	240	200828	20.000	ng	0.00
86) Perylene-d12	15.539	264	163056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	159703	33.573	ng	0.00
7) Phenol-d6	6.475	99	191304	32.702	ng	-0.01
23) Nitrobenzene-d5	7.398	82	125086	22.201	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	60914	31.900	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	233399	22.281	ng	-0.01
79) Terphenyl-d14	12.969	244	243276	19.496	ng	0.00
Target Compounds						
71) Phenanthrene	11.398	178	32944	2.243	ng	97
75) Fluoranthene	12.592	202	37275	2.348	ng	99
83) Chrysene	14.063	228	27909	2.069	ng	# 94
88) Benzo(b)fluoranthene	15.098	252	26864m	2.802	ng	

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

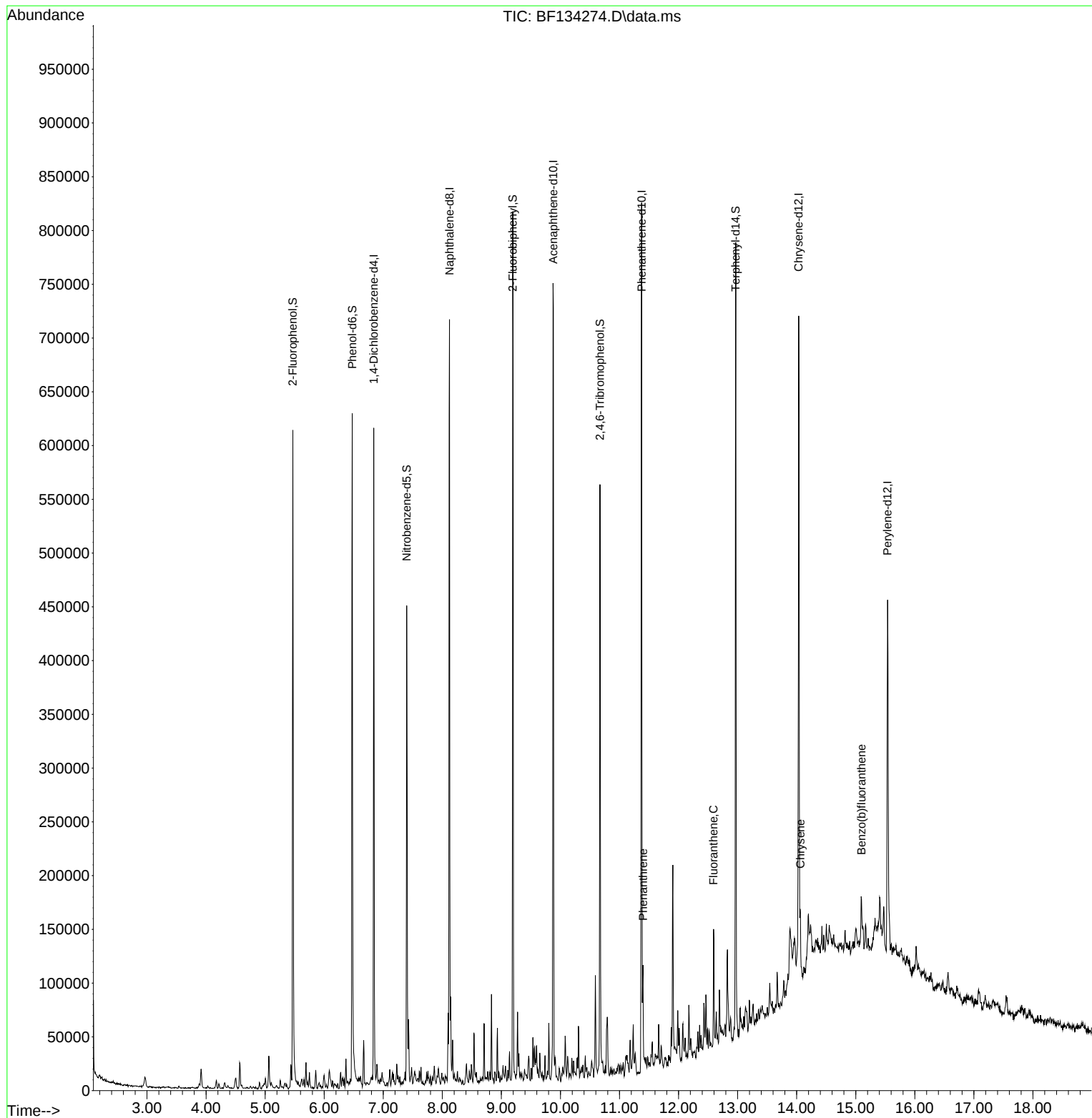
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134274.D
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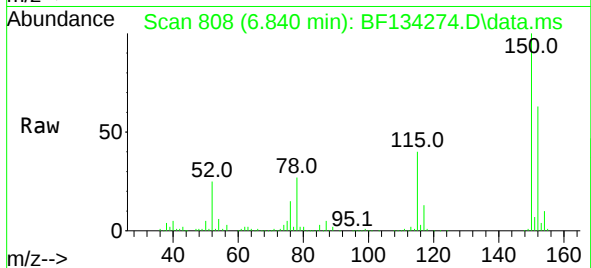
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

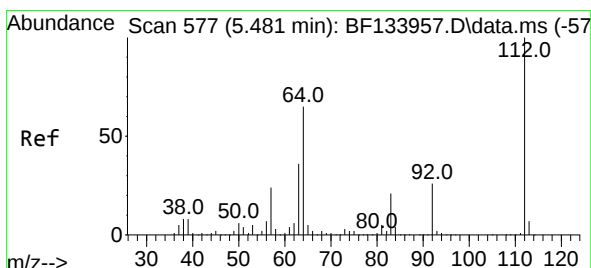
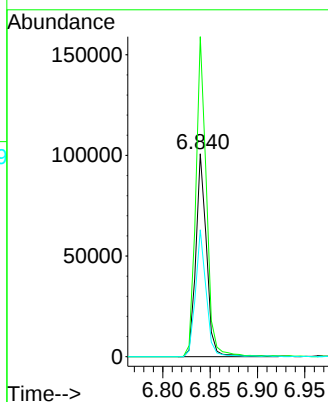
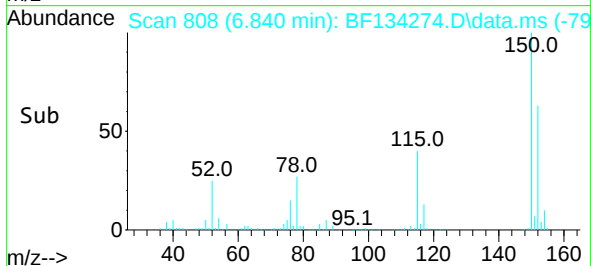
Instrument :
BNA_F
ClientSampleId :
ETGI-347RE



Tgt Ion:152 Resp: 7957
Ion Ratio Lower Upper
152 100
150 157.7 124.5 186.7
115 62.5 50.2 75.2

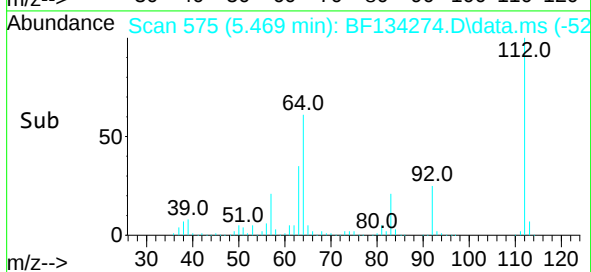
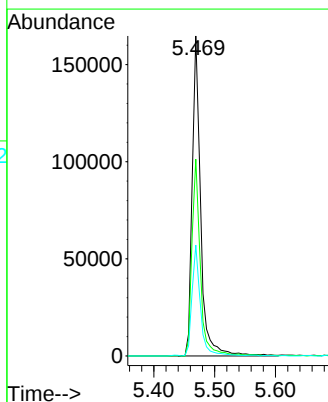
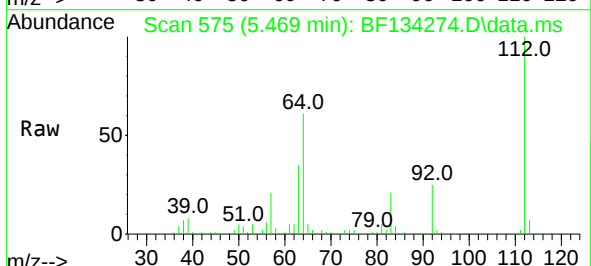
Manual Integrations
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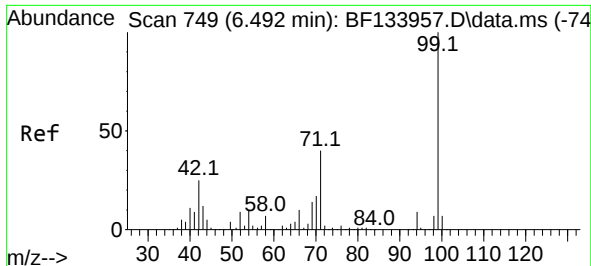
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#5
2-Fluorophenol
Concen: 33.573 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

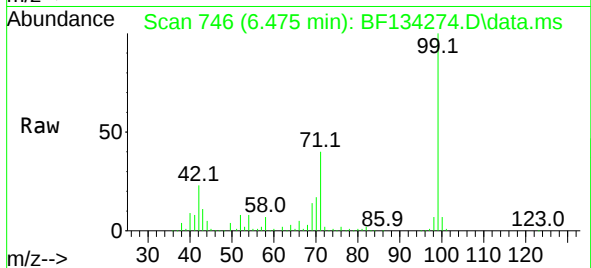
Tgt Ion:112 Resp: 159703
Ion Ratio Lower Upper
112 100
64 61.5 52.1 78.1
63 34.7 28.6 42.8





#7
Phenol-d6
Concen: 32.702 ng
RT: 6.475 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

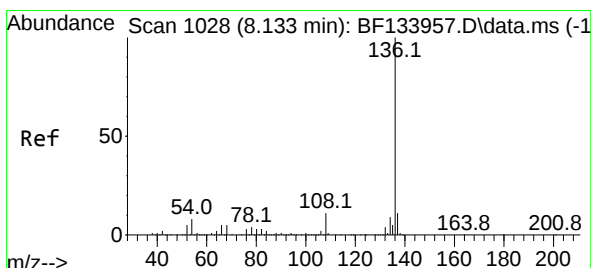
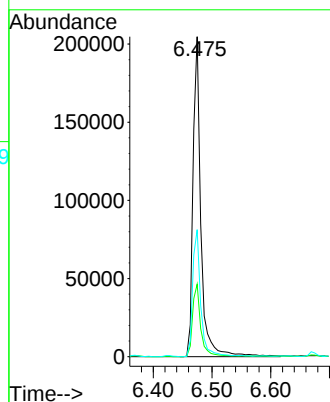
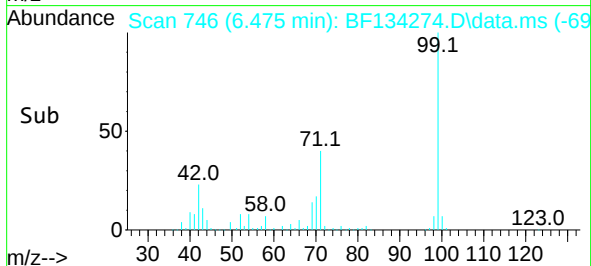
Instrument :
BNA_F
ClientSampleId :
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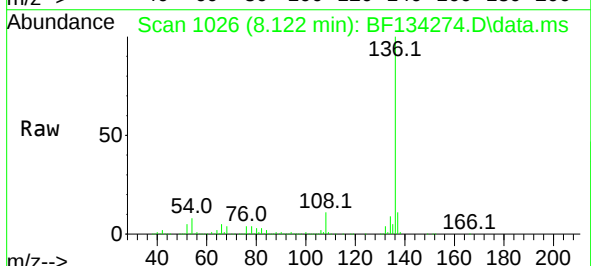
Tgt Ion: 99 Resp: 191304
Ion Ratio Lower Upper
99 100
42 22.6 19.8 29.6
71 39.7 31.9 47.9

Manual Integrations
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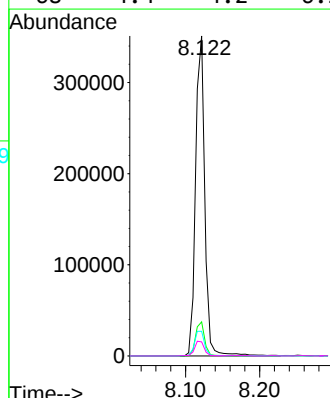
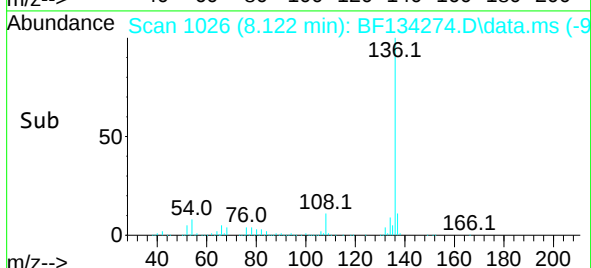
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09



Tgt Ion:136 Resp: 303713
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.7 6.5 9.7
68 4.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 22.201 ng

RT: 7.398 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134274.D

Acq: 13 Jul 2023 22:09

Instrument :

BNA_F

ClientSampleId :

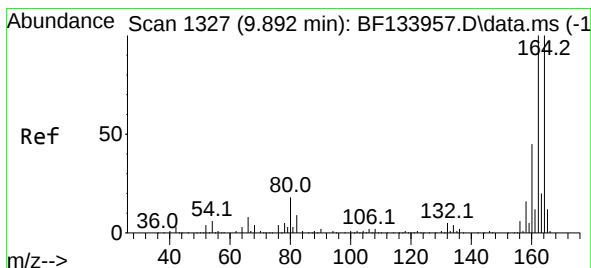
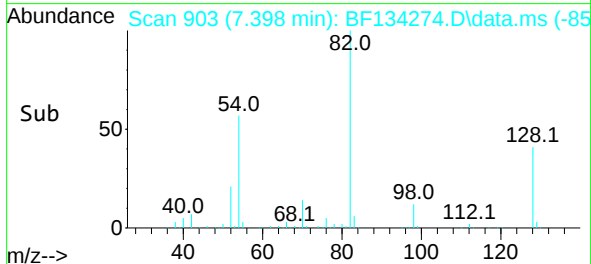
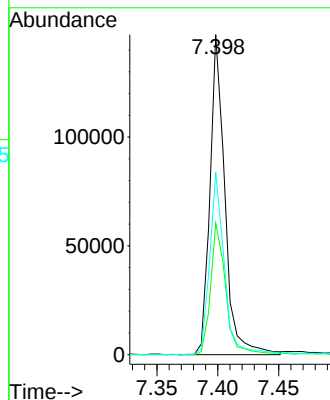
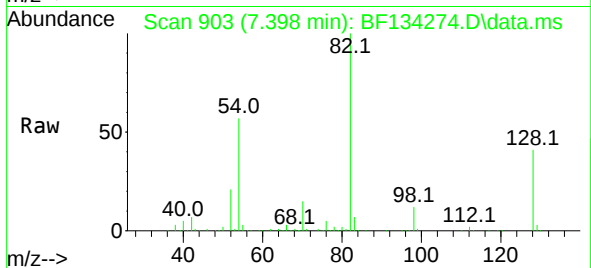
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Tgt Ion: 82 Resp: 125080
 Ion Ratio Lower Upper
 82 100
 128 41.1 32.5 48.7
 54 57.0 48.2 72.2

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Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

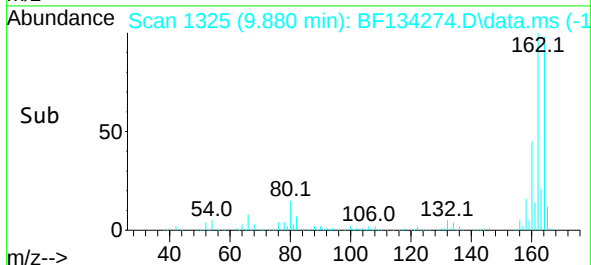
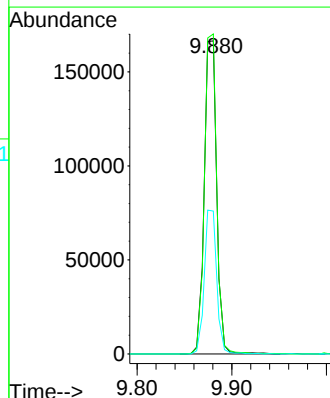
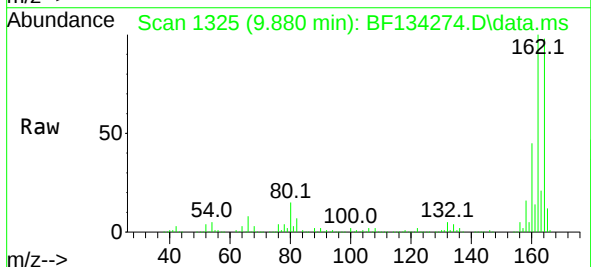
RT: 9.880 min Scan# 1325

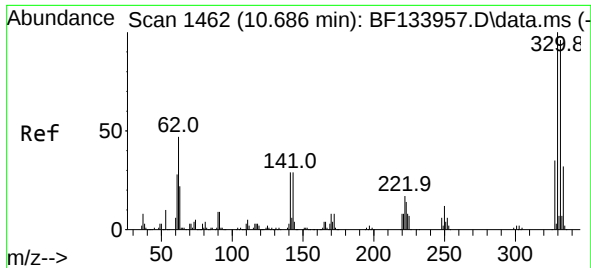
Delta R.T. -0.006 min

Lab File: BF134274.D

Acq: 13 Jul 2023 22:09

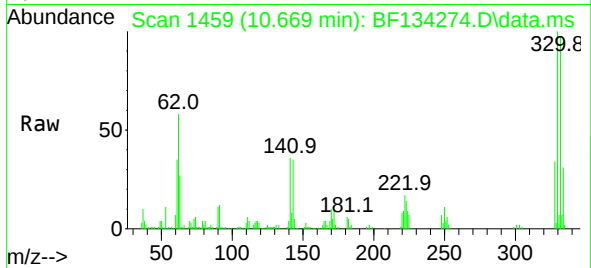
Tgt Ion:164 Resp: 152301
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.0 120.0
 160 45.7 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 31.900 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

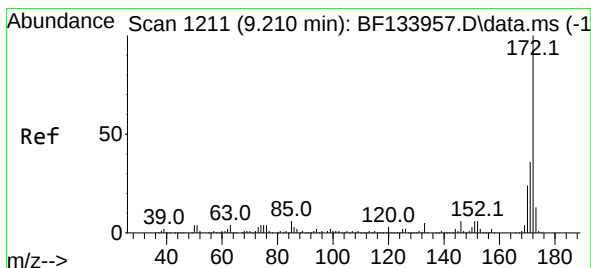
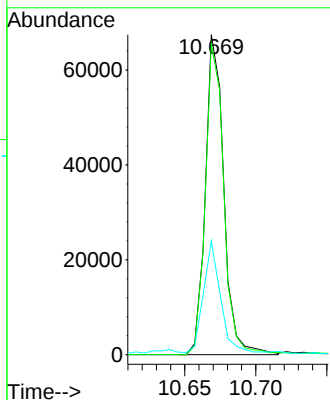
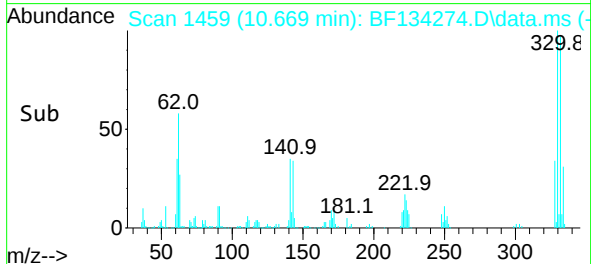
Instrument :
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ClientSampleId :
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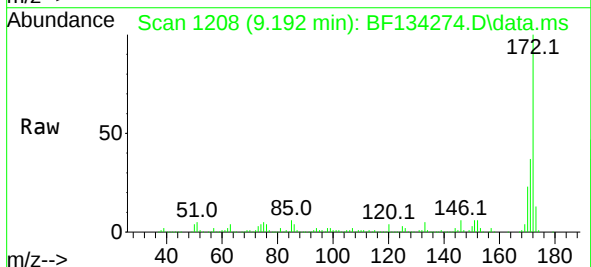
Tgt Ion: 330 Resp: 60914
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 31.9 26.3 39.5

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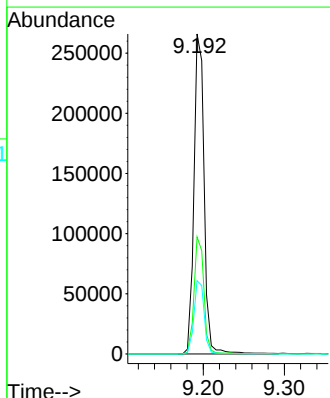
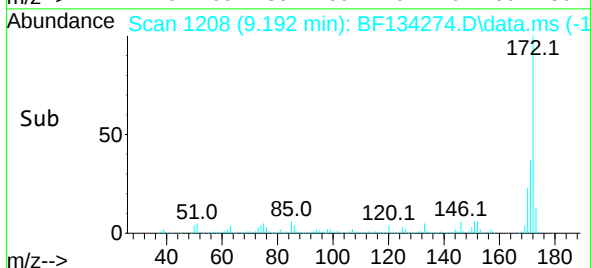
Reviewed By : Yogesh Patel 07/14/2023
Supervised By : mohammad ahmed 07/14/2023

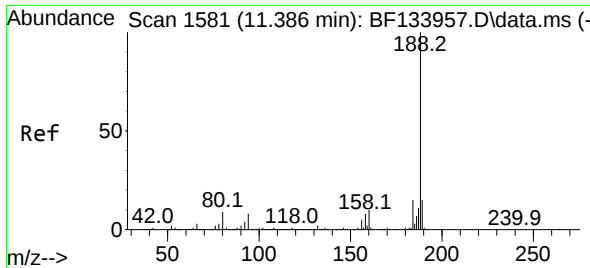


#45
2-Fluorobiphenyl
Concen: 22.281 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09



Tgt Ion: 172 Resp: 233399
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 22.9 19.4 29.0





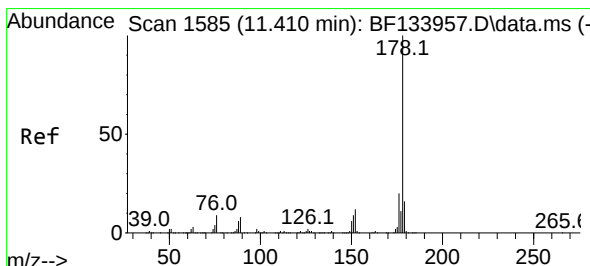
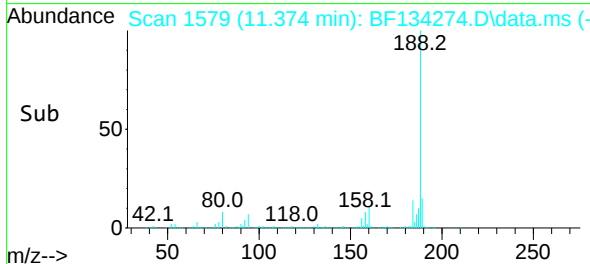
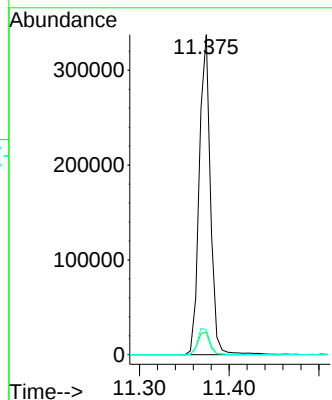
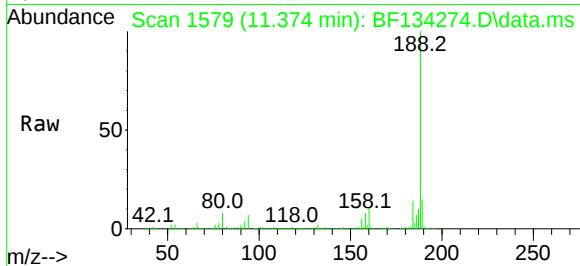
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

Instrument :
BNA_F
ClientSampleId :
ETGI-347RE

Tgt Ion:188 Resp: 29175
Ion Ratio Lower Upper
188 100
94 7.1 6.4 9.6
80 7.8 7.3 10.9

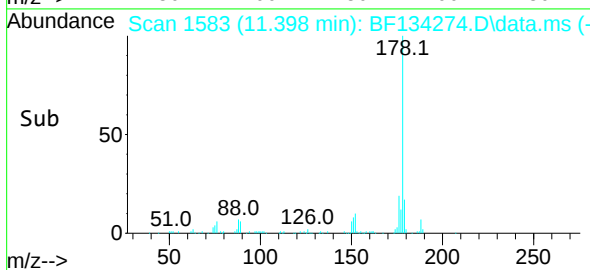
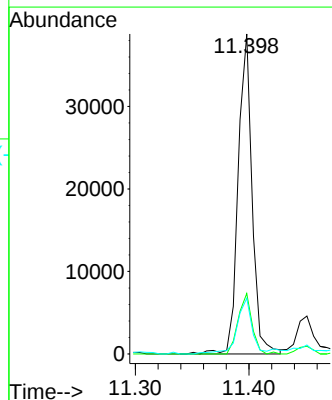
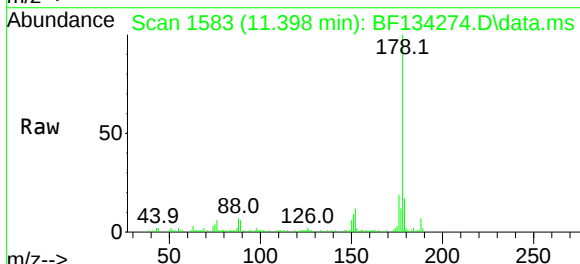
Manual Integrations
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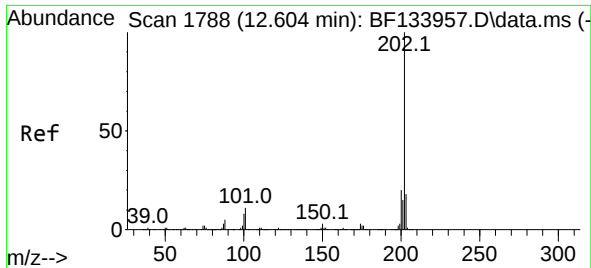
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#71
Phenanthrene
Concen: 2.243 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

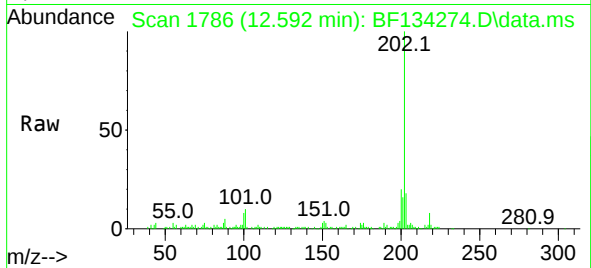
Tgt Ion:178 Resp: 32944
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 17.4 12.4 18.6





#75
Fluoranthene
Concen: 2.348 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

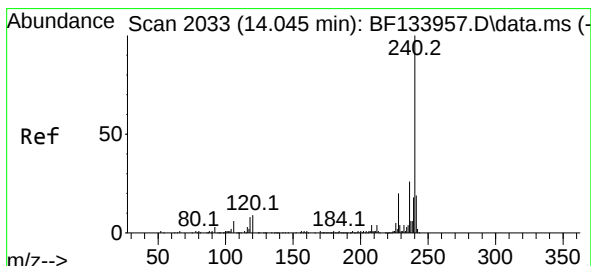
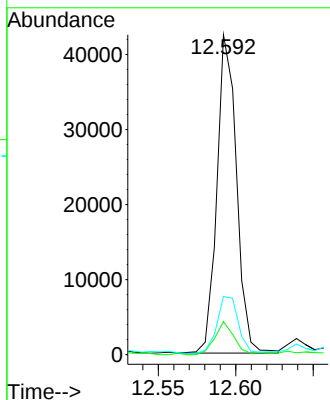
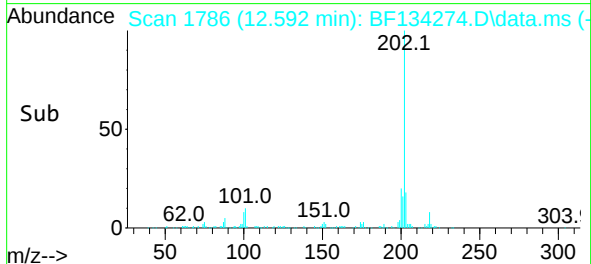
Instrument :
BNA_F
ClientSampleId :
ETGI-347RE



Tgt Ion:202 Resp: 37275
Ion Ratio Lower Upper
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101 10.4 0.0 31.0
203 18.2 0.0 37.6

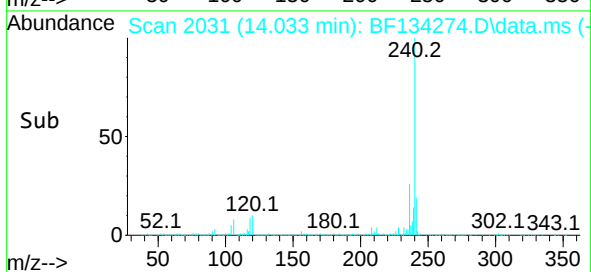
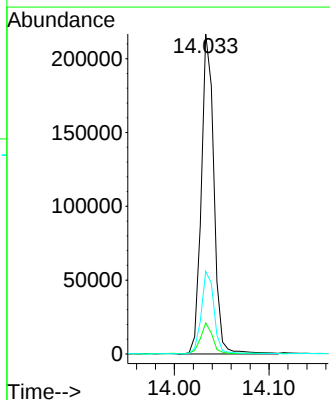
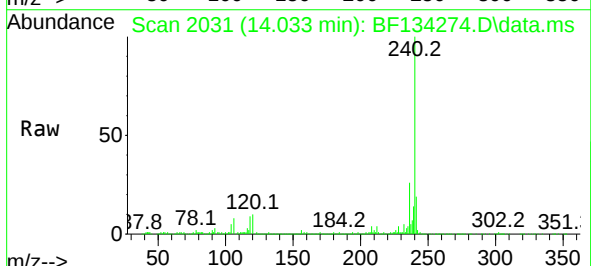
Manual Integrations
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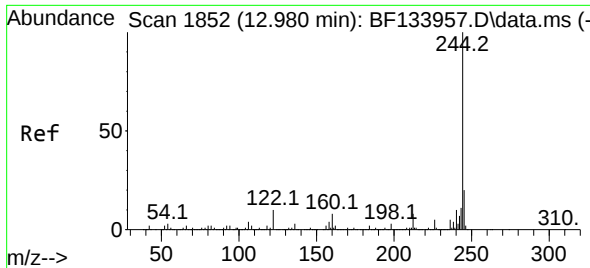
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

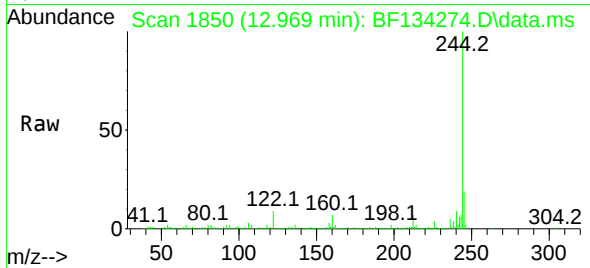
Tgt Ion:240 Resp: 200828
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 25.8 21.0 31.6





#79
 Terphenyl-d14
 Concen: 19.496 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134274.D
 Acq: 13 Jul 2023 22:09

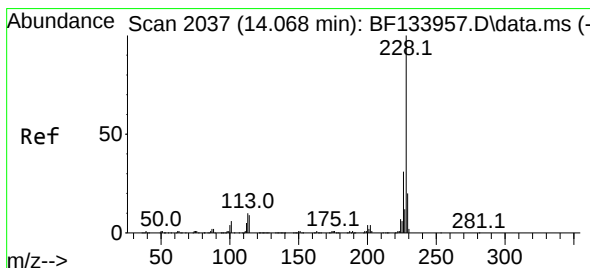
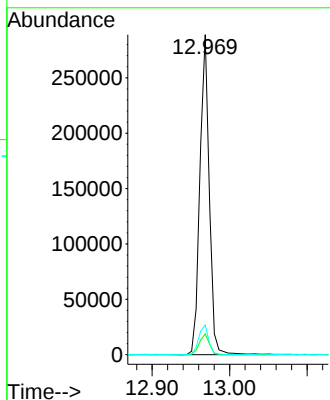
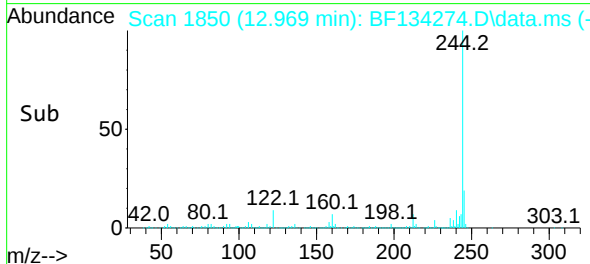
Instrument :
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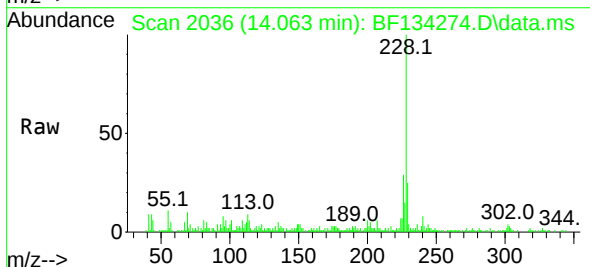
Tgt Ion:244 Resp: 243270
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 9.3 8.3 12.5

Manual Integrations
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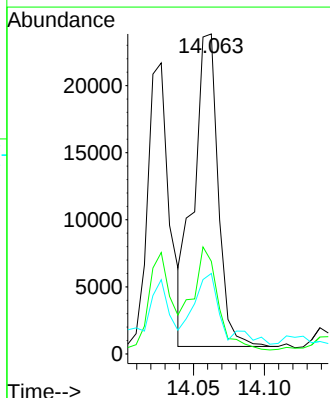
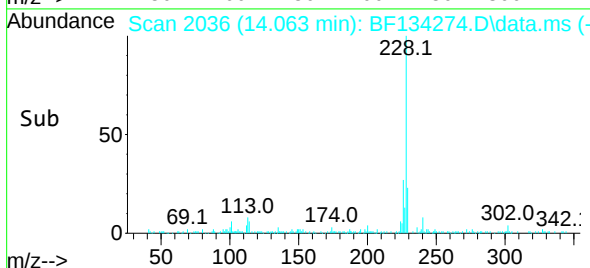
Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023

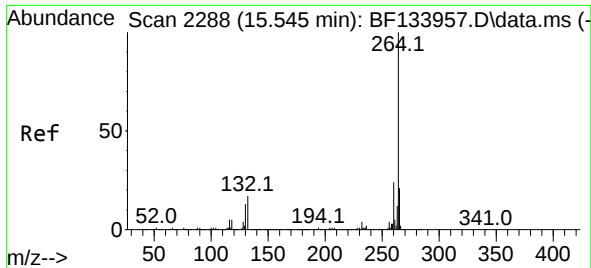


#83
 Chrysene
 Concen: 2.069 ng
 RT: 14.063 min Scan# 2036
 Delta R.T. -0.006 min
 Lab File: BF134274.D
 Acq: 13 Jul 2023 22:09



Tgt Ion:228 Resp: 27909
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.4 36.6
 229 25.2 16.1 24.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

Instrument :

BNA_F

ClientSampleId :

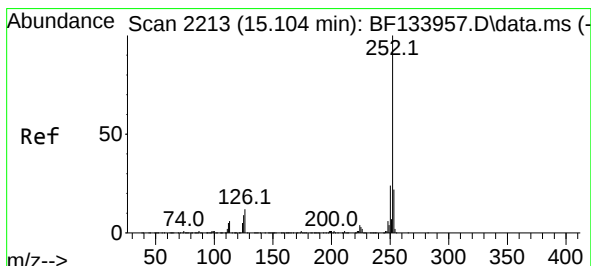
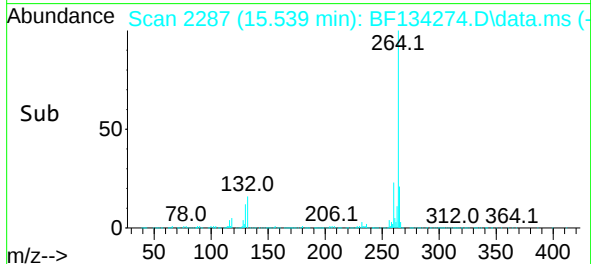
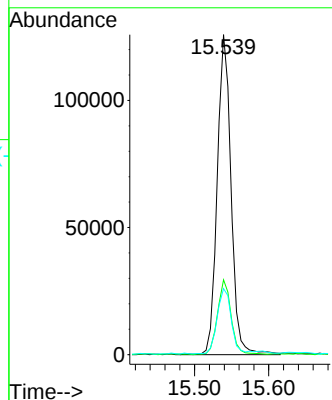
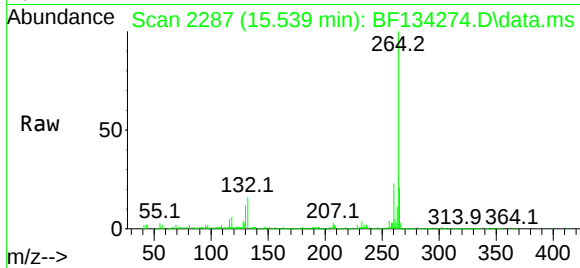
ETGI-347RE

Tgt Ion:264 Resp: 163050
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 20.7 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#88
Benzo(b)fluoranthene
Concen: 2.802 ng m
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134274.D
Acq: 13 Jul 2023 22:09

Tgt Ion:252 Resp: 26864
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 10.9 7.1 10.7#

