

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134398.D
 Acq On : 21 Jul 2023 13:24
 Operator : CG\JU
 Sample : 03638-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP6

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 13:46:29 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	6.833	152	60627	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	235392	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	122638	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	238892	20.000	ng	0.00
76) Chrysene-d12	14.033	240	166556	20.000	ng	0.00
86) Perylene-d12	15.539	264	134758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	271498	74.909	ng	0.00
7) Phenol-d6	6.475	99	327608	73.500	ng	-0.01
23) Nitrobenzene-d5	7.398	82	228708	52.375	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	120482	78.355	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	441320	52.319	ng	-0.01
79) Terphenyl-d14	12.968	244	492158	47.557	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.592	202	40521	3.117	ng	94
78) Pyrene	12.821	202	35074	2.263	ng	98
88) Benzo(b)fluoranthene	15.098	252	19694m	2.485	ng	

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

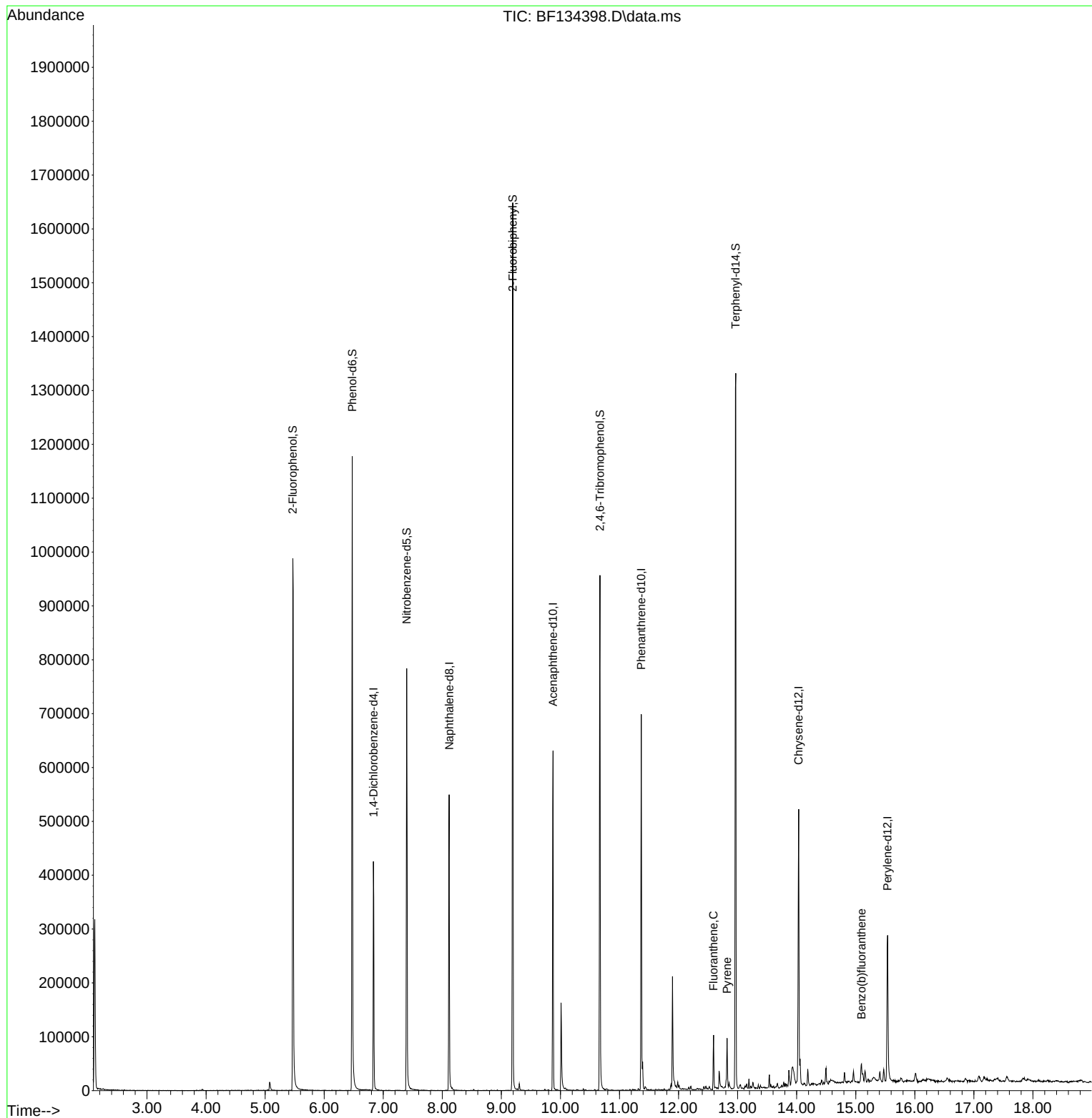
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134398.D
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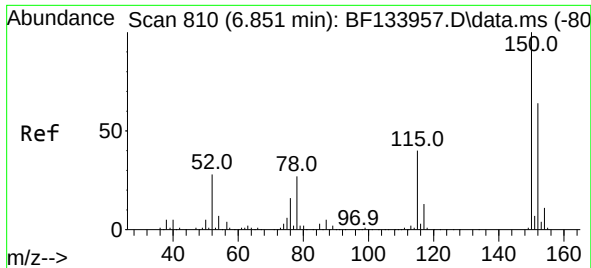
Instrument :
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ClientSampleId :
TP6

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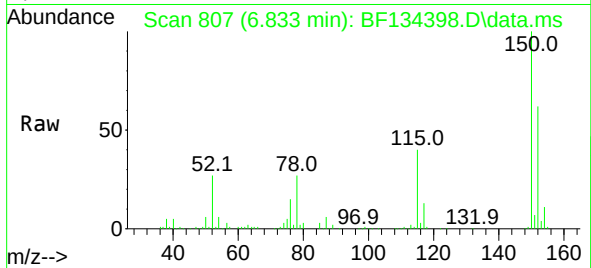
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF134398.D
Acq: 21 Jul 2023 13:24

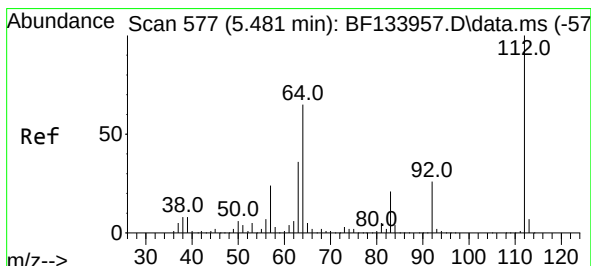
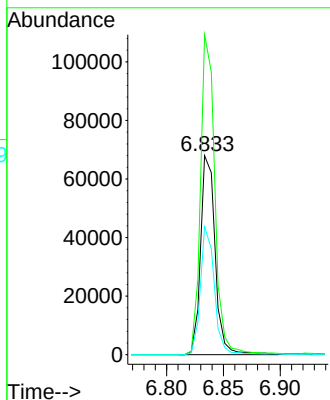
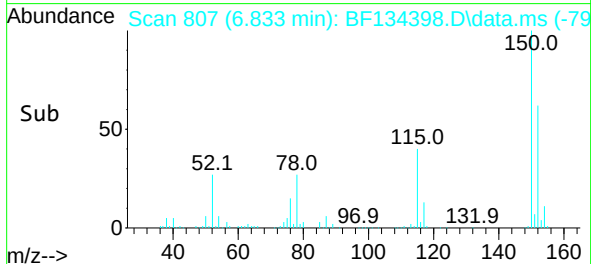
Instrument :
BNA_F
ClientSampleId :
TP6



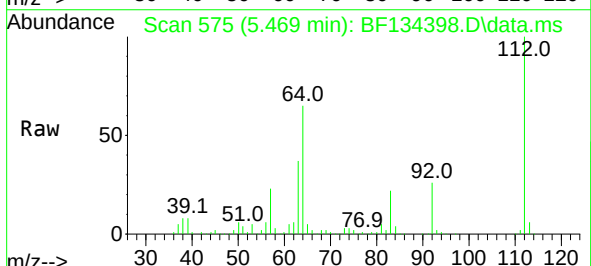
Tgt Ion:152 Resp: 6062
Ion Ratio Lower Upper
152 100
150 160.8 124.5 186.7
115 64.3 50.2 75.2

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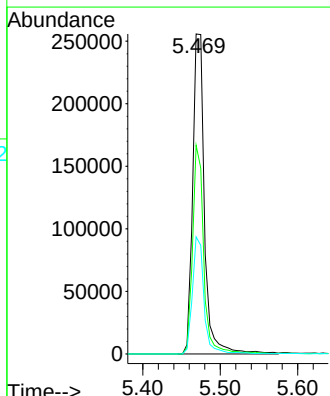
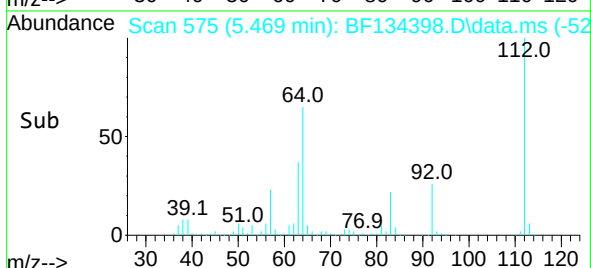
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

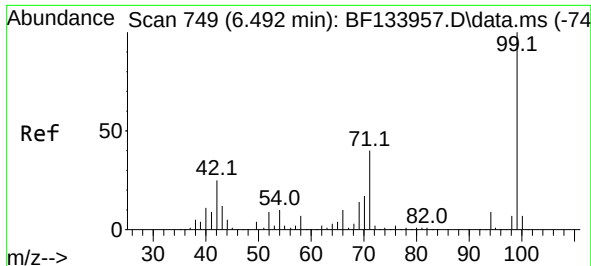


#5
2-Fluorophenol
Concen: 74.909 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF134398.D
Acq: 21 Jul 2023 13:24



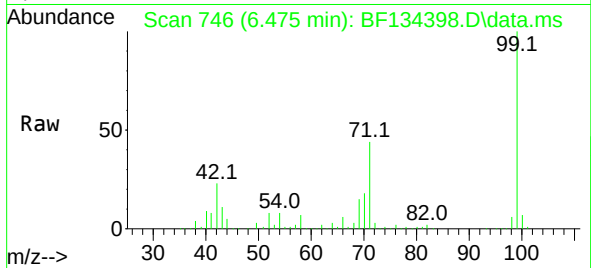
Tgt Ion:112 Resp: 271498
Ion Ratio Lower Upper
112 100
64 65.2 52.1 78.1
63 36.6 28.6 42.8





#7
Phenol-d6
Concen: 73.500 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134398.D
Acq: 21 Jul 2023 13:24

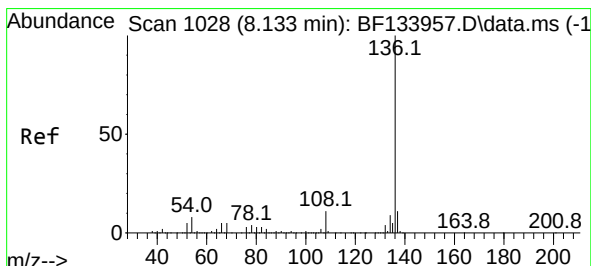
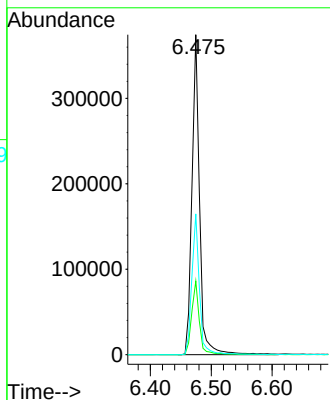
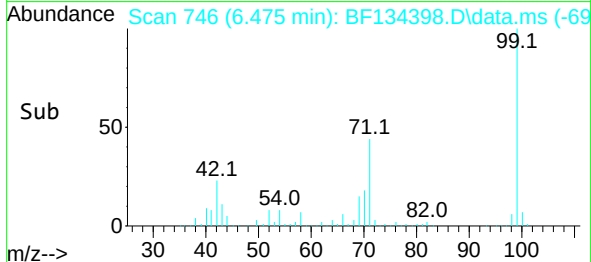
Instrument :
BNA_F
ClientSampleId :
TP6



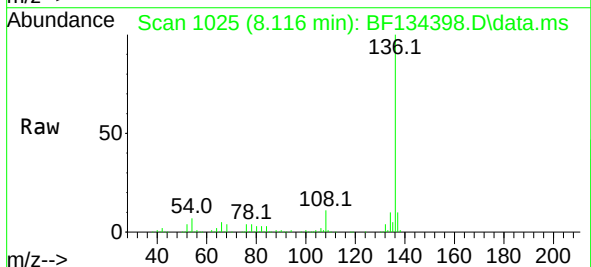
Tgt Ion: 99 Resp: 327608
Ion Ratio Lower Upper
99 100
42 23.0 19.8 29.6
71 44.0 31.9 47.9

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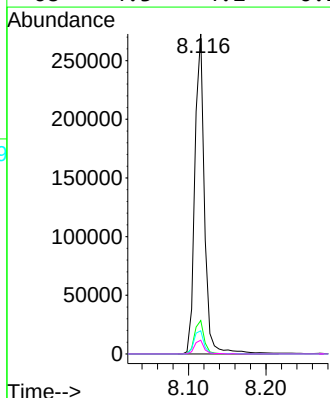
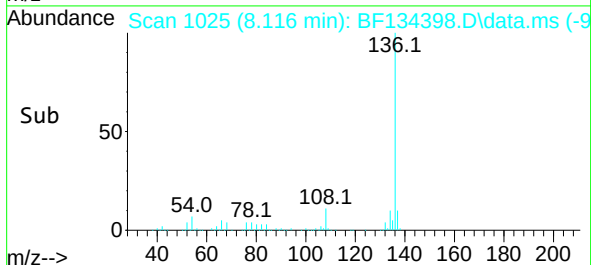
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

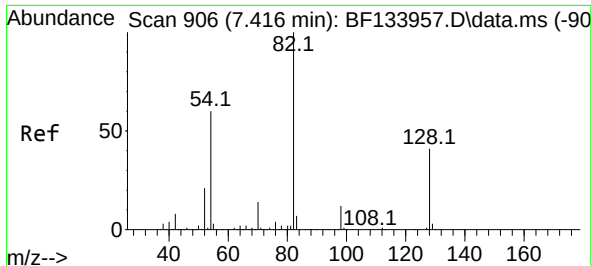


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134398.D
Acq: 21 Jul 2023 13:24



Tgt Ion:136 Resp: 235392
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 7.3 6.5 9.7
68 4.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 52.375 ng

RT: 7.398 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134398.D

Acq: 21 Jul 2023 13:24

Instrument :

BNA_F

ClientSampleId :

TP6

Tgt Ion: 82 Resp: 228708

Ion Ratio Lower Upper

82 100

128 39.4 32.5 48.7

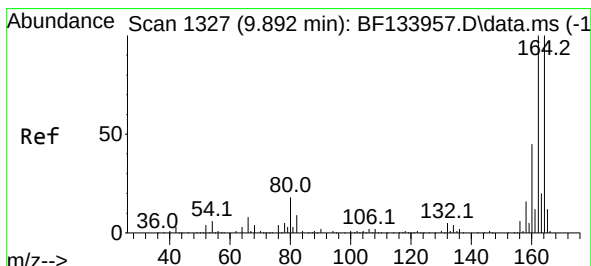
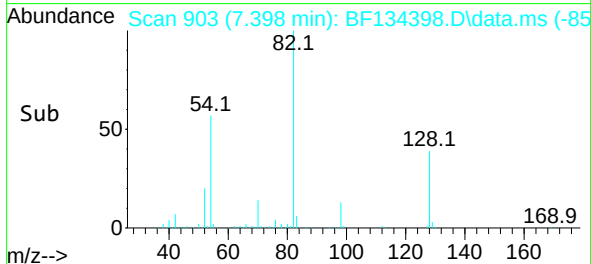
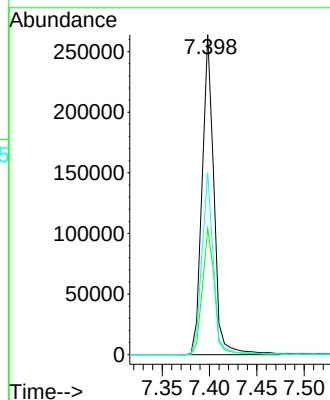
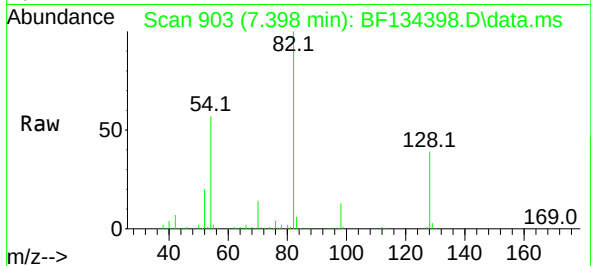
54 56.8 48.2 72.2

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Supervised By :mohammad ahmed 07/24/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF134398.D

Acq: 21 Jul 2023 13:24

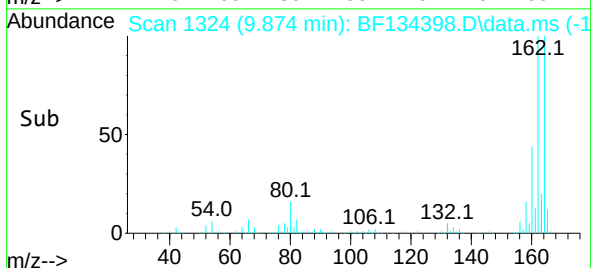
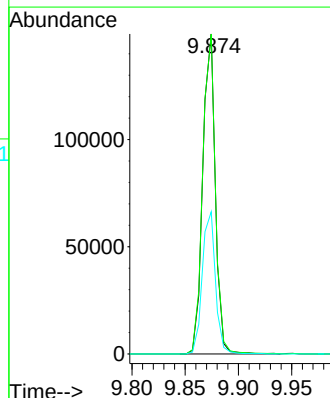
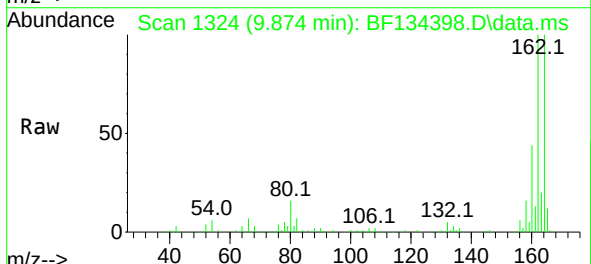
Tgt Ion:164 Resp: 122638

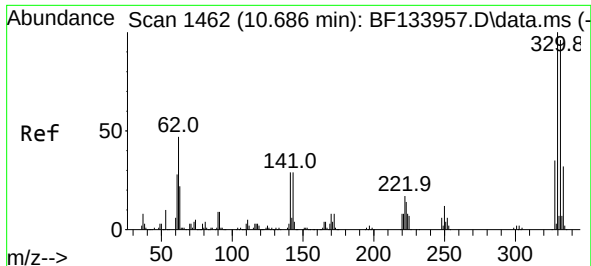
Ion Ratio Lower Upper

164 100

162 99.9 80.0 120.0

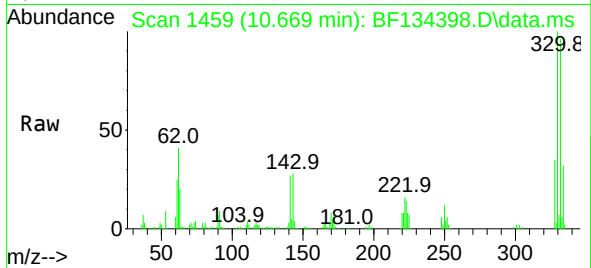
160 44.5 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 78.355 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134398.D
Acq: 21 Jul 2023 13:24

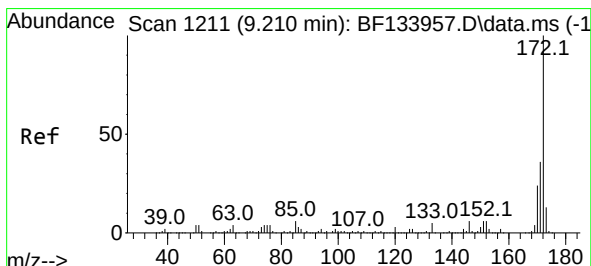
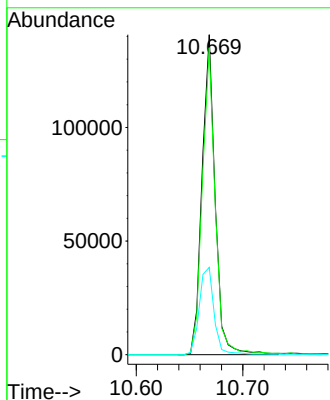
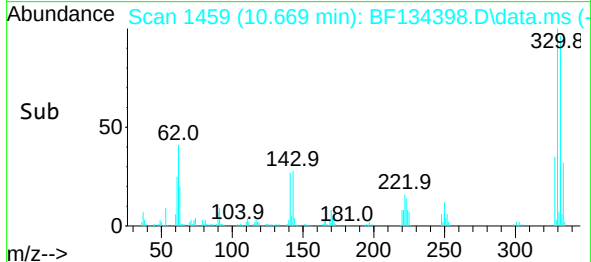
Instrument :
BNA_F
ClientSampleId :
TP6



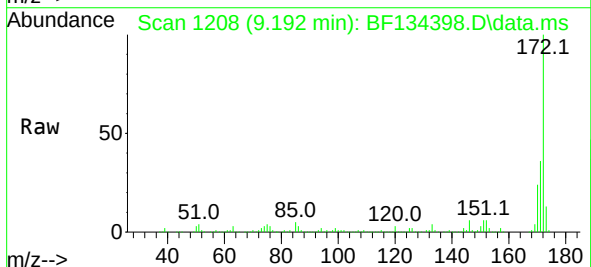
Tgt Ion: 330 Resp: 12048
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 31.1 26.3 39.5

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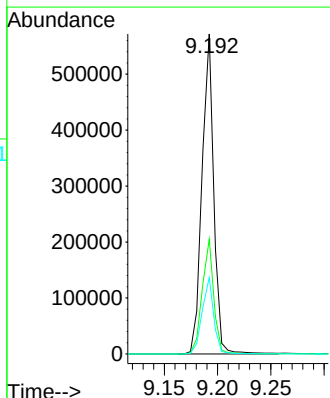
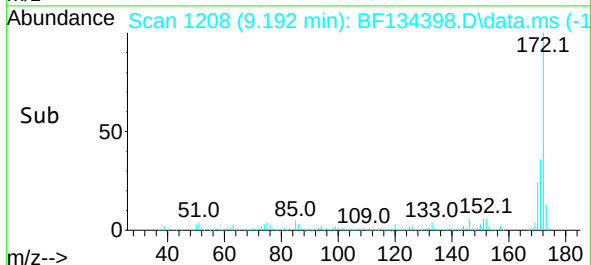
Reviewed By : Yogesh Patel 07/24/2023
Supervised By : mohammad ahmed 07/24/2023

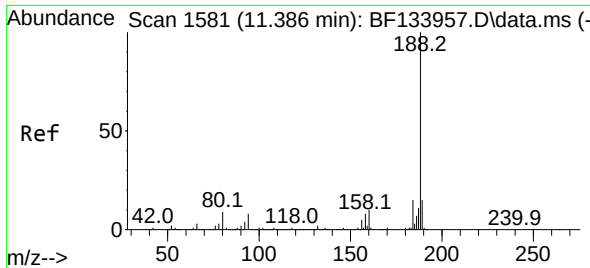


#45
2-Fluorobiphenyl
Concen: 52.319 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134398.D
Acq: 21 Jul 2023 13:24



Tgt Ion: 172 Resp: 441320
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.4 29.0





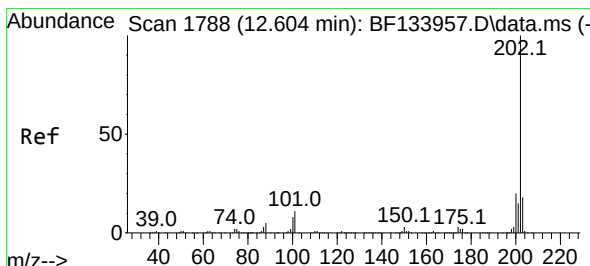
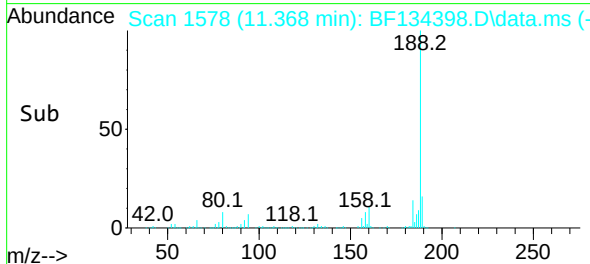
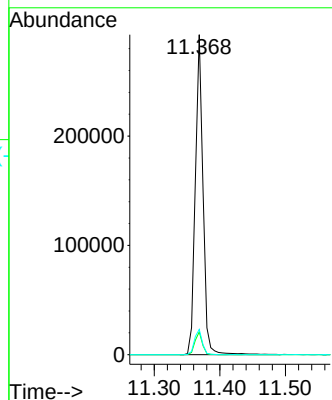
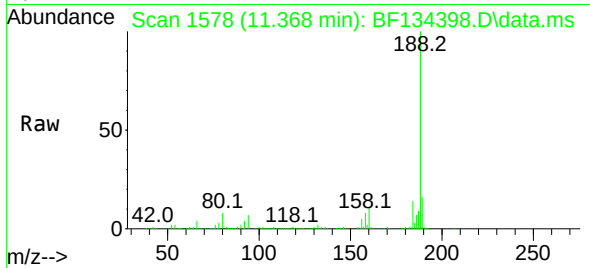
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134398.D
Acq: 21 Jul 2023 13:24

Instrument :
BNA_F
ClientSampleId :
TP6

Tgt Ion:188 Resp: 238892
Ion Ratio Lower Upper
188 100
94 7.1 6.4 9.6
80 7.9 7.3 10.9

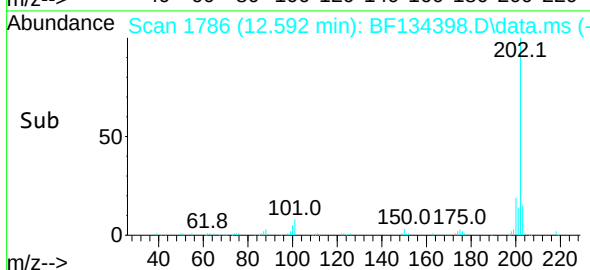
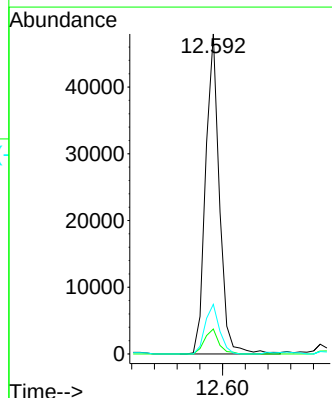
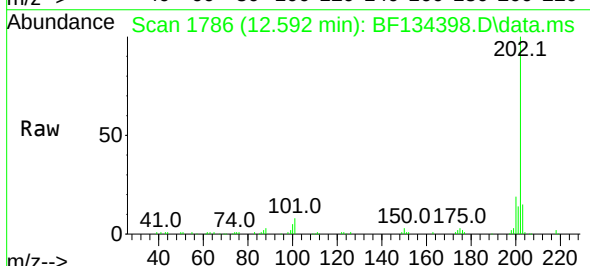
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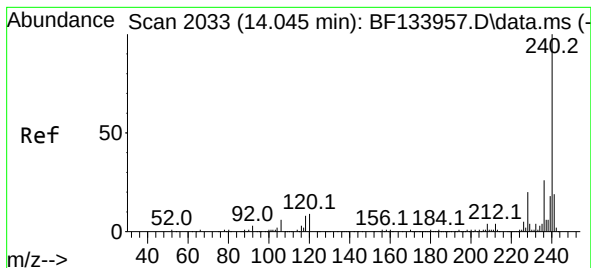
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#75
Fluoranthene
Concen: 3.117 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF134398.D
Acq: 21 Jul 2023 13:24

Tgt Ion:202 Resp: 40521
Ion Ratio Lower Upper
202 100
101 7.8 0.0 31.0
203 15.5 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134398.D

Acq: 21 Jul 2023 13:24

Instrument :

BNA_F

ClientSampleId :

TP6

Tgt Ion:240 Resp: 166550

Ion Ratio Lower Upper

240 100

120 8.1 7.4 11.0

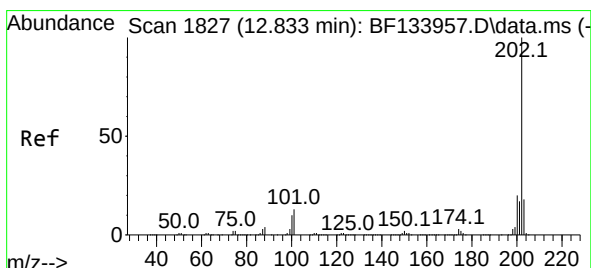
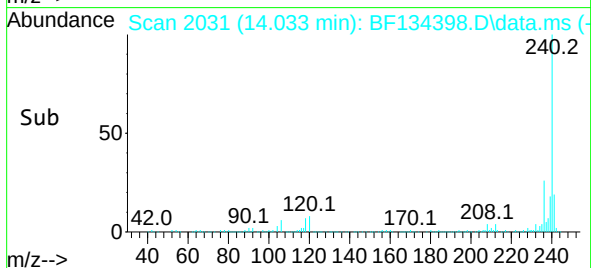
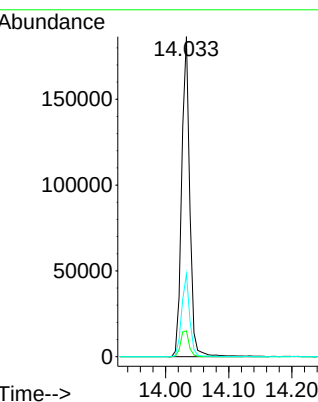
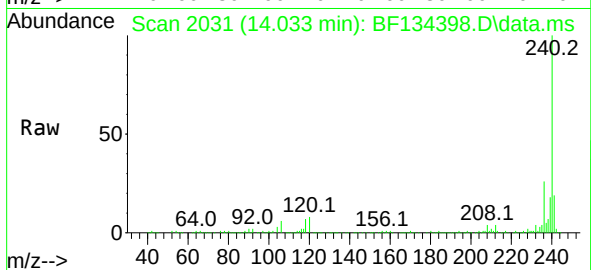
236 25.9 21.0 31.6

Manual Integrations

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#78

Pyrene

Concen: 2.263 ng

RT: 12.821 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF134398.D

Acq: 21 Jul 2023 13:24

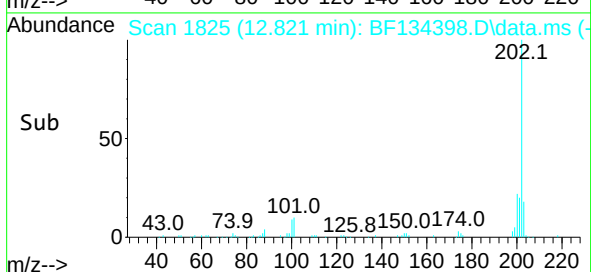
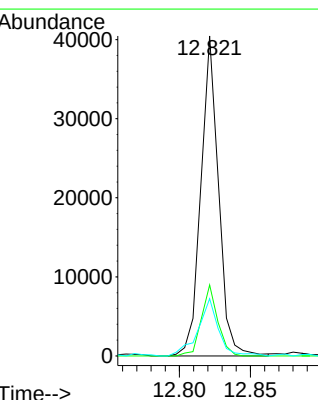
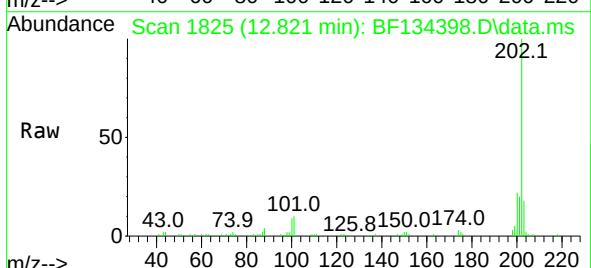
Tgt Ion:202 Resp: 35074

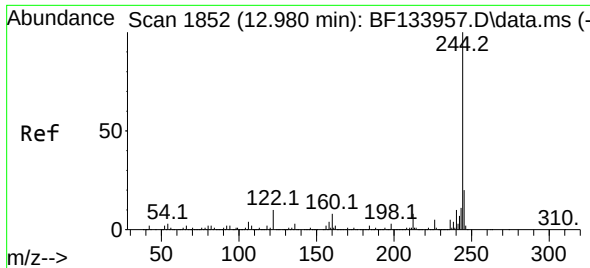
Ion Ratio Lower Upper

202 100

200 22.2 16.1 24.1

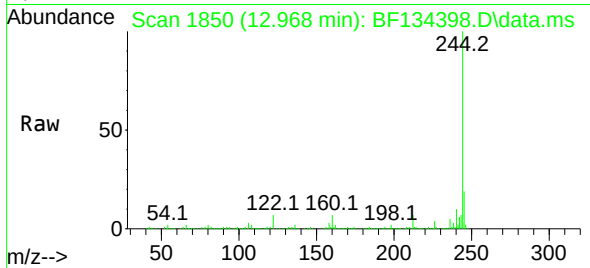
203 17.9 14.3 21.5





#79
Terphenyl-d14
Concen: 47.557 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134398.D
Acq: 21 Jul 2023 13:24

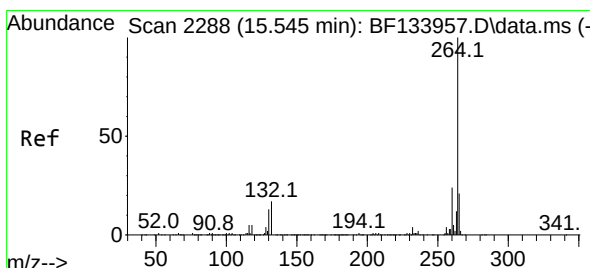
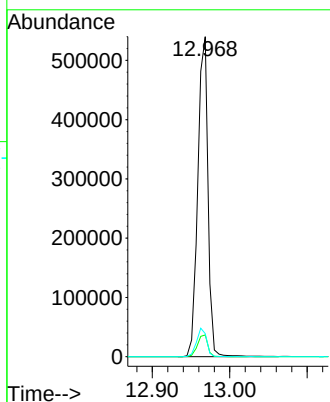
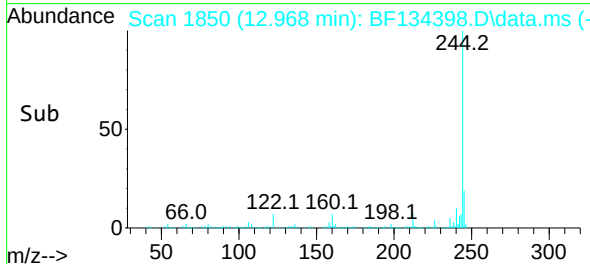
Instrument :
BNA_F
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TP6



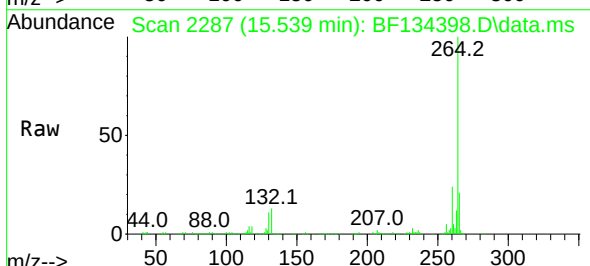
Tgt Ion:244 Resp: 492158
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 7.2 8.3 12.5

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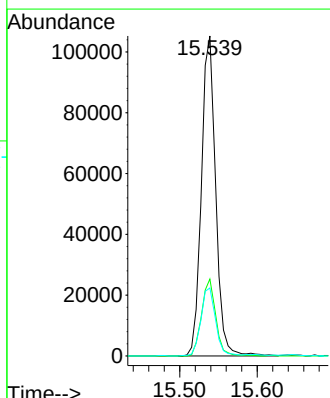
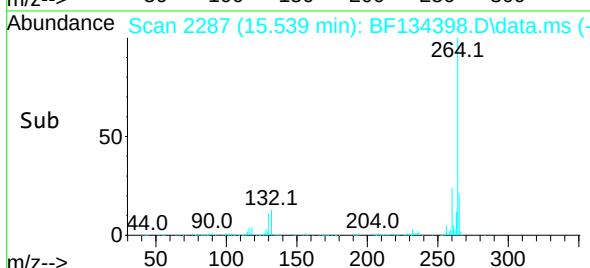
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

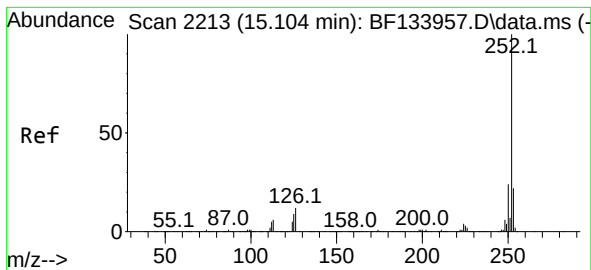


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.006 min
Lab File: BF134398.D
Acq: 21 Jul 2023 13:24



Tgt Ion:264 Resp: 134758
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.2 16.6 25.0





#88

Benzo(b)fluoranthene

Concen: 2.485 ng m

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134398.D

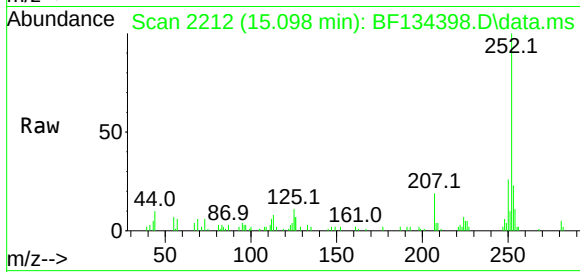
Acq: 21 Jul 2023 13:24

Instrument :

BNA_F

ClientSampleId :

TP6



Tgt Ion:252 Resp: 19694

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 11.3 7.1 10.7

Manual Integrations

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Supervised By :mohammad ahmed 07/24/2023

