

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138830.D
 Acq On : 07 Aug 2024 03:40
 Operator : RC/JU
 Sample : P3464-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 07 04:47:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	38173	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	140300	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	63152	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	97745	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	78214	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	60566	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	187910	75.988	ng	0.00
7) Phenol-d6	6.481	99	235372	70.892	ng	0.00
23) Nitrobenzene-d5	7.404	82	151694	52.862	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	39282	75.937	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	252764	60.137	ng	-0.01
79) Terphenyl-d14	12.939	244	241783	51.757	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	15.033	252	7741m	2.062	ng	Qvalue

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

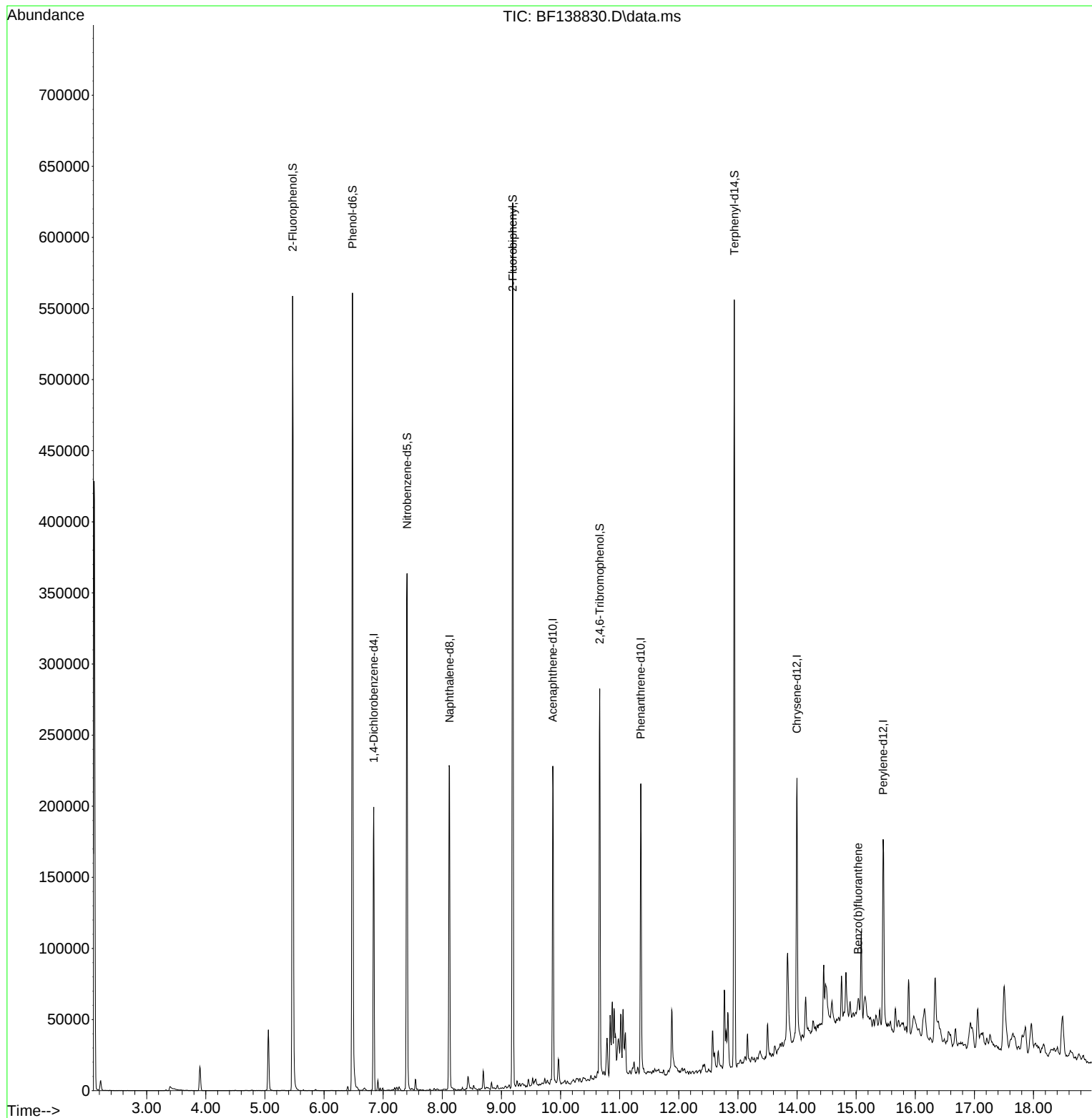
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138830.D
Acq On : 07 Aug 2024 03:40
Operator : RC/JU
Sample : P3464-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

Quant Time: Aug 07 04:47:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

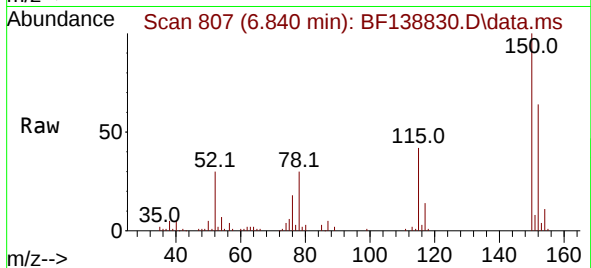
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138830.D
Acq: 07 Aug 2024 03:40

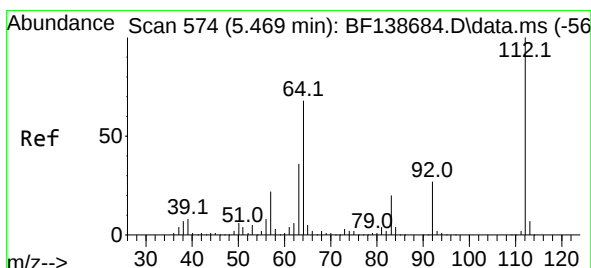
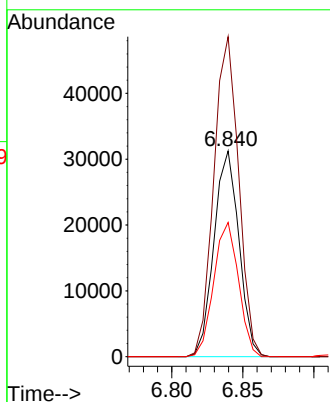
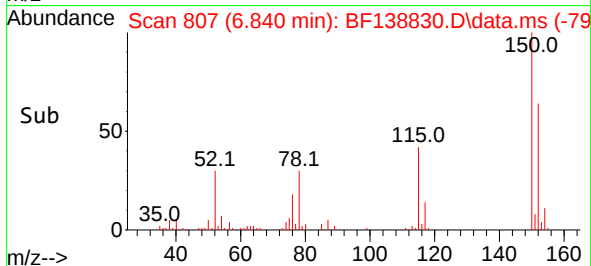
Instrument :
BNA_F
ClientSampleId :
TOPSOIL



Tgt Ion:152 Resp: 3817
Ion Ratio Lower Upper
152 100
150 155.5 126.0 189.0
115 65.2 51.7 77.5

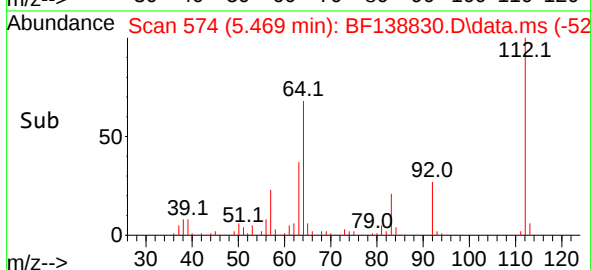
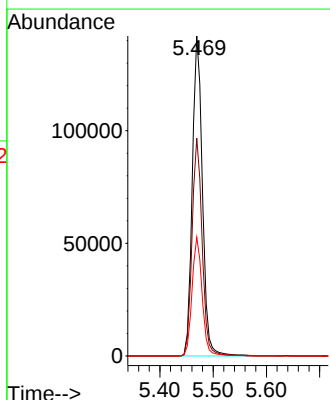
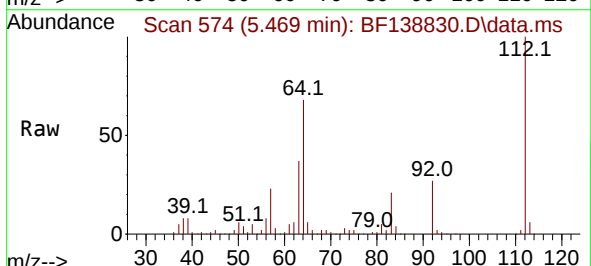
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#5
2-Fluorophenol
Concen: 75.988 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138830.D
Acq: 07 Aug 2024 03:40

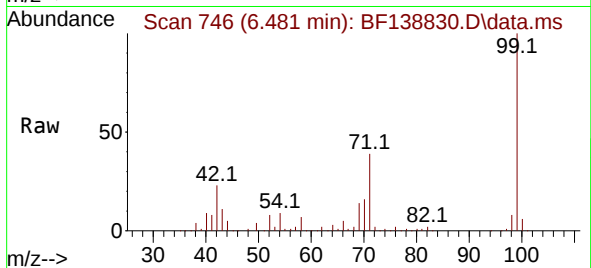
Tgt Ion:112 Resp: 187910
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 37.1 28.7 43.1





#7
Phenol-d6
Concen: 70.892 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138830.D
Acq: 07 Aug 2024 03:40

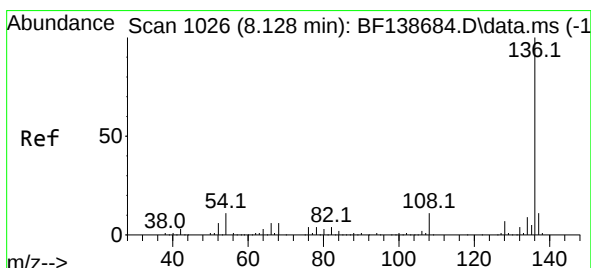
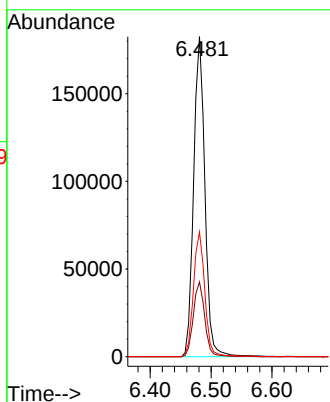
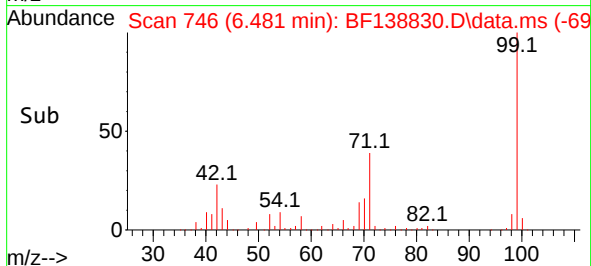
Instrument :
BNA_F
ClientSampleId :
TOPSOIL



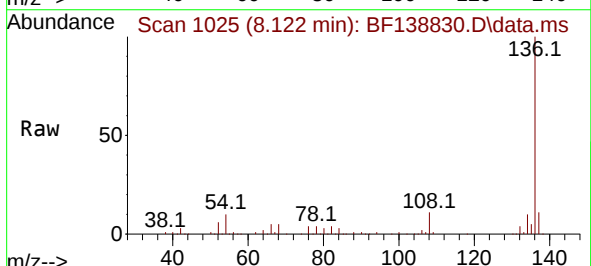
Tgt Ion: 99 Resp: 235372
Ion Ratio Lower Upper
99 100
42 23.3 17.4 26.0
71 39.0 28.1 42.1

Manual Integrations
APPROVED

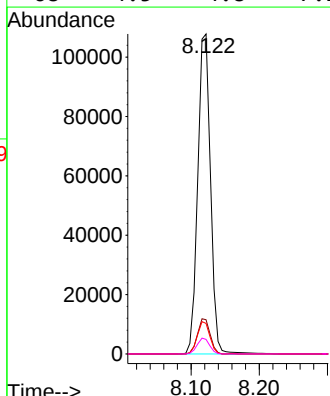
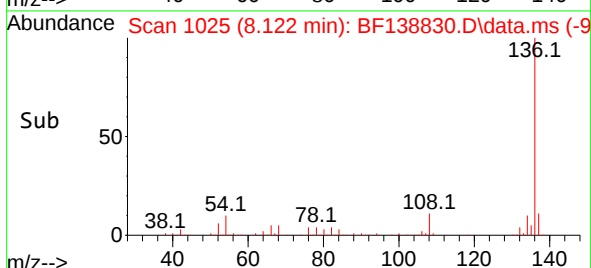
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024

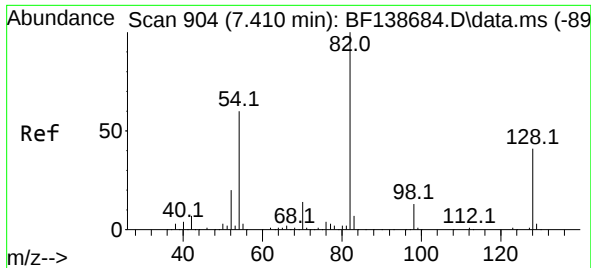


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138830.D
Acq: 07 Aug 2024 03:40



Tgt Ion:136 Resp: 140300
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.6 8.6 12.8
68 4.5 4.8 7.2#





#23
Nitrobenzene-d5
Concen: 52.862 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138830.D
Acq: 07 Aug 2024 03:40

Instrument :

BNA_F

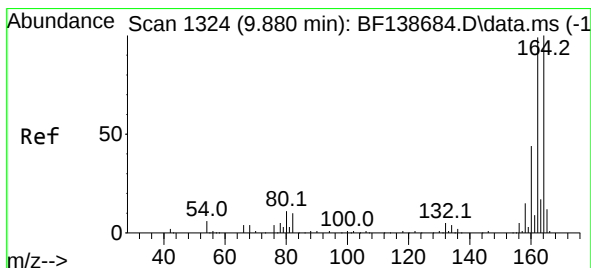
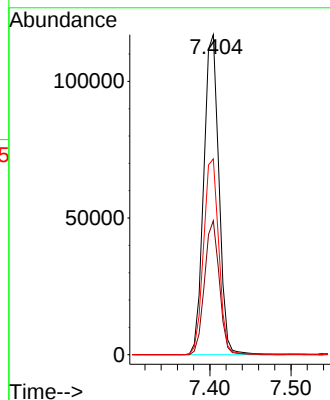
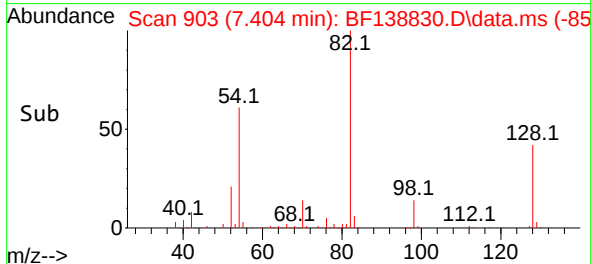
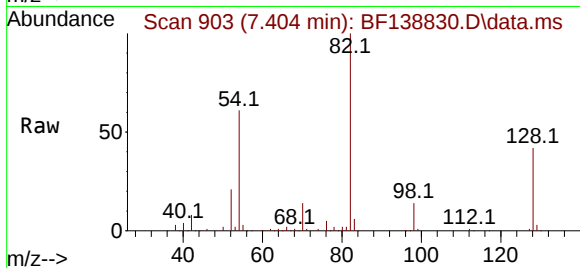
ClientSampleId :

TOPSOIL

Tgt Ion: 82 Resp: 151694
Ion Ratio Lower Upper
82 100
128 41.8 32.8 49.2
54 61.2 48.3 72.5

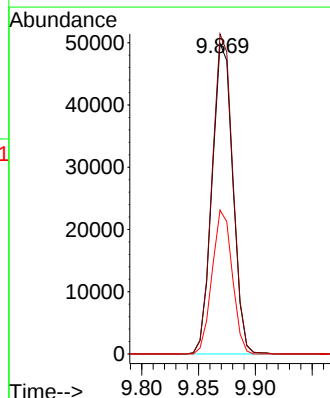
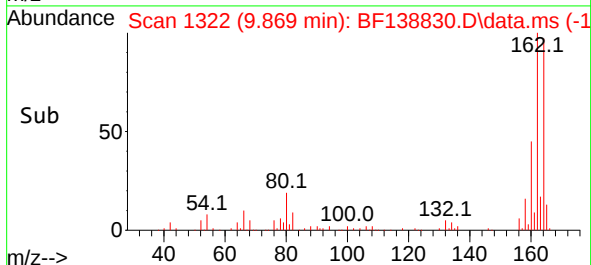
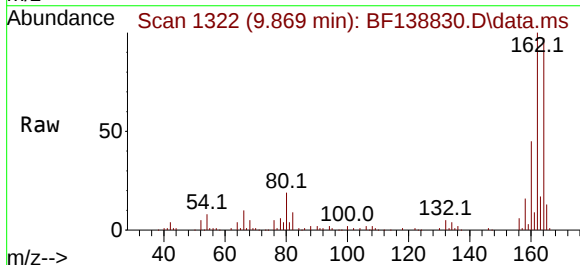
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138830.D
Acq: 07 Aug 2024 03:40

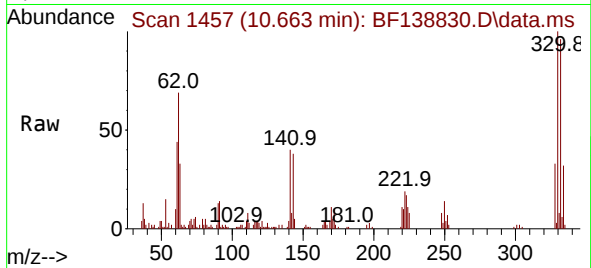
Tgt Ion:164 Resp: 63152
Ion Ratio Lower Upper
164 100
162 103.1 79.4 119.0
160 46.4 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 75.937 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138830.D
Acq: 07 Aug 2024 03:40

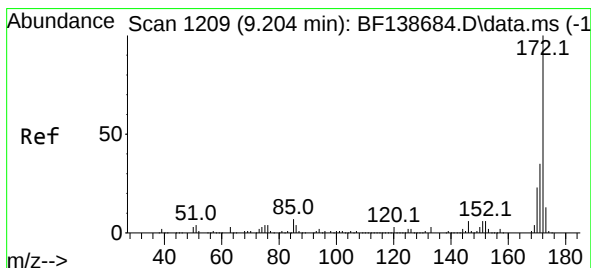
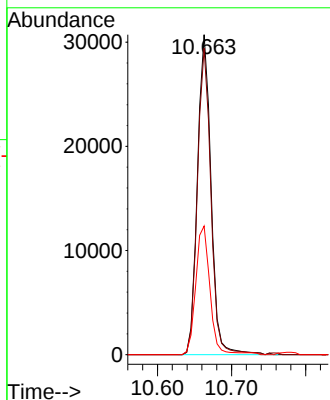
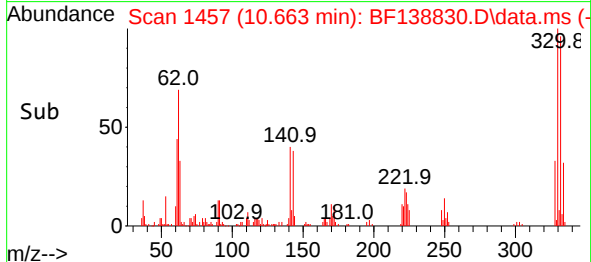
Instrument :
BNA_F
ClientSampleId :
TOPSOIL



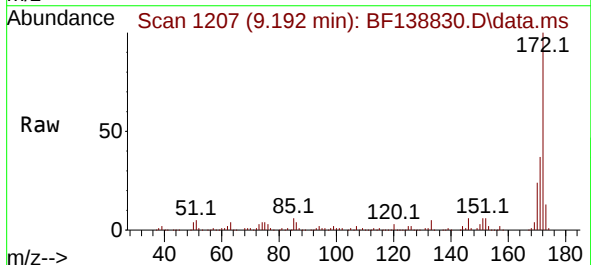
Tgt Ion: 330 Resp: 3928
Ion Ratio Lower Upper
330 100
332 94.5 76.4 114.6
141 41.5 31.1 46.7

Manual Integrations
APPROVED

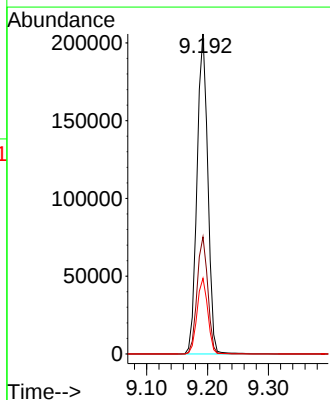
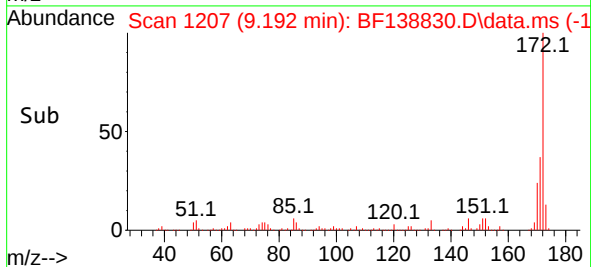
Reviewed By : Yogesh Patel 08/08/2024
Supervised By : mohammad ahmed 08/08/2024



#45
2-Fluorobiphenyl
Concen: 60.137 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138830.D
Acq: 07 Aug 2024 03:40



Tgt Ion: 172 Resp: 252764
Ion Ratio Lower Upper
172 100
171 36.6 28.3 42.5
170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138830.D

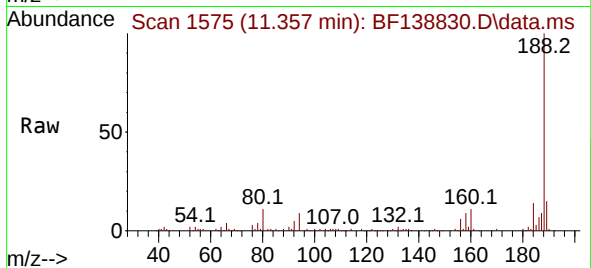
Acq: 07 Aug 2024 03:40

Instrument :

BNA_F

ClientSampleId :

TOPSOIL



Tgt Ion:188 Resp: 9774

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

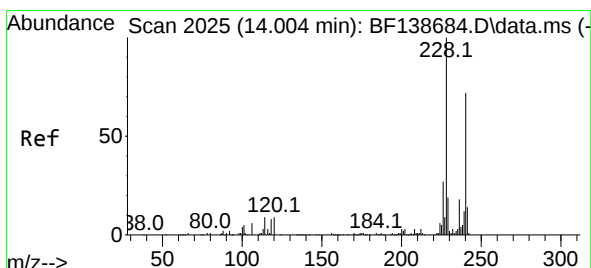
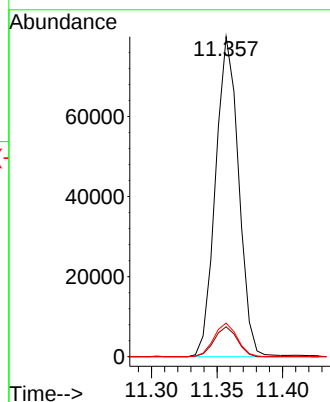
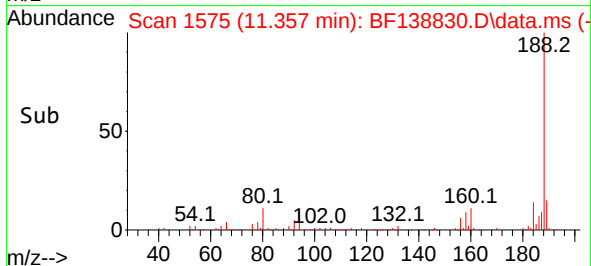
80 10.5 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/08/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF138830.D

Acq: 07 Aug 2024 03:40

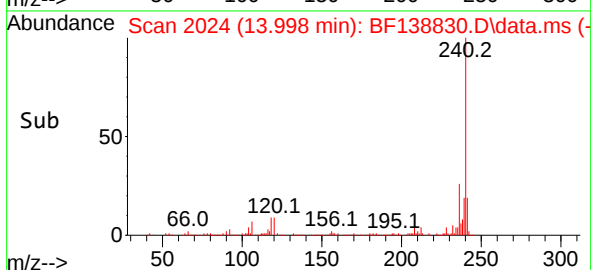
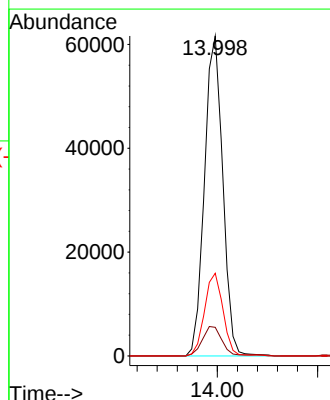
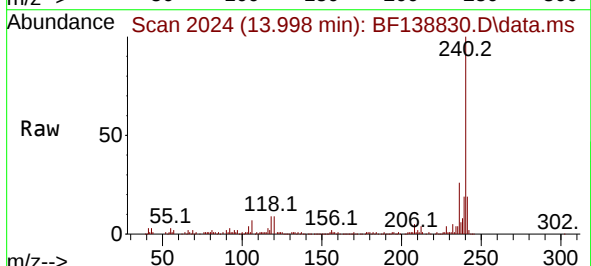
Tgt Ion:240 Resp: 78214

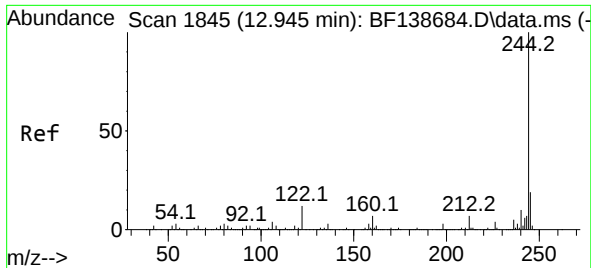
Ion Ratio Lower Upper

240 100

120 9.0 10.2 15.4#

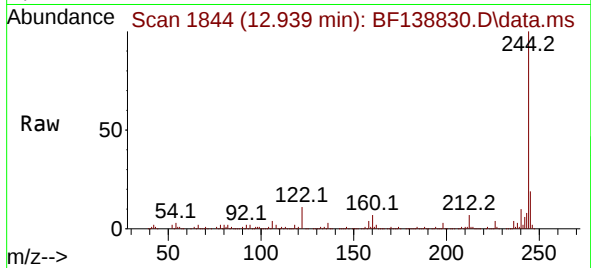
236 25.9 19.8 29.8





#79
Terphenyl-d14
Concen: 51.757 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138830.D
Acq: 07 Aug 2024 03:40

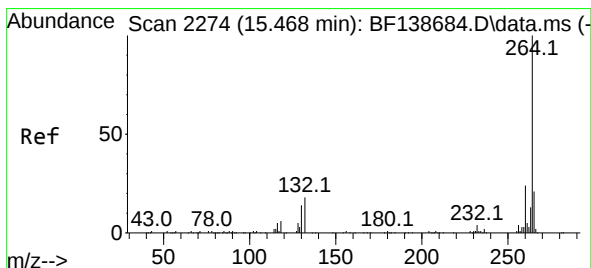
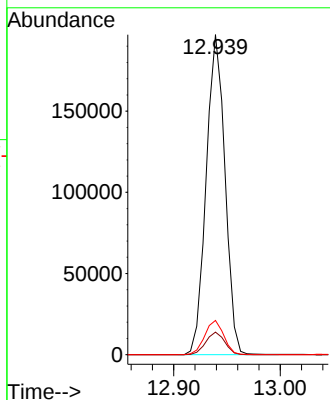
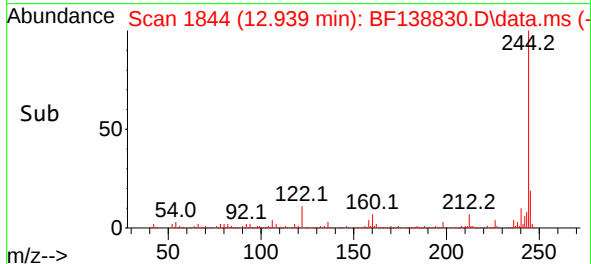
Instrument :
BNA_F
ClientSampleId :
TOPSOIL



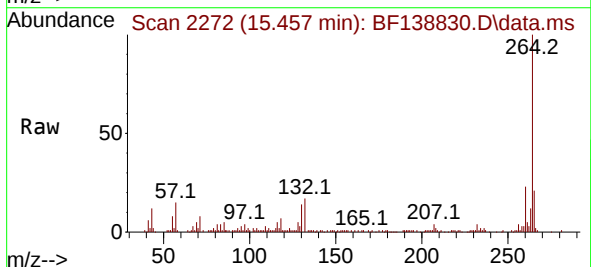
Tgt Ion:244 Resp: 24178
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.7 9.6 14.4

Manual Integrations
APPROVED

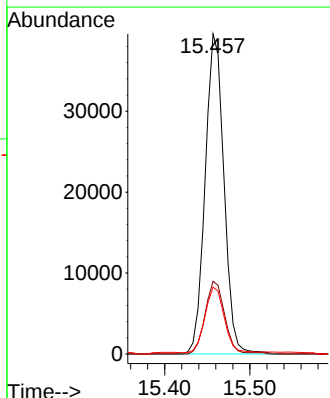
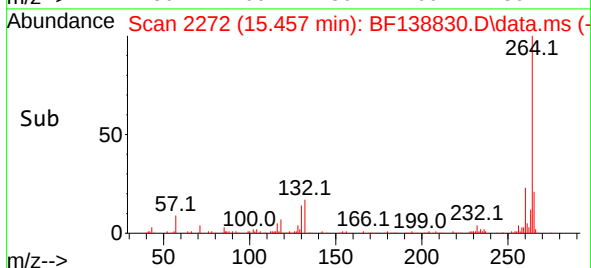
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024

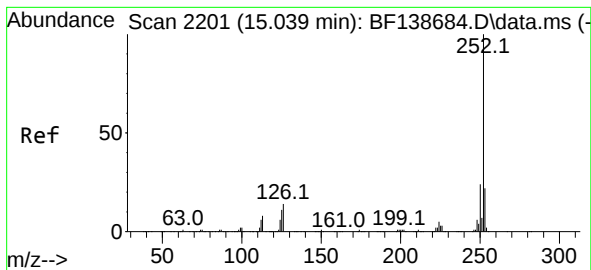


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138830.D
Acq: 07 Aug 2024 03:40



Tgt Ion:264 Resp: 60566
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.6
265 20.9 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 2.062 ng m

RT: 15.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138830.D

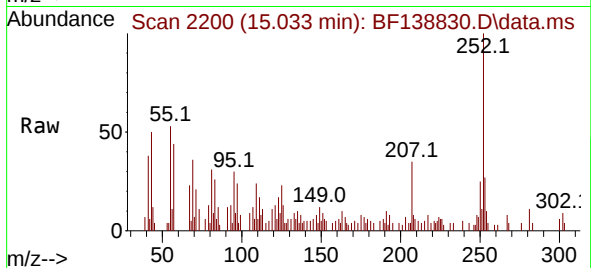
Acq: 07 Aug 2024 03:40

Instrument :

BNA_F

ClientSampleId :

TOPSOIL



Tgt Ion:252 Resp: 774

Ion Ratio Lower Upper

252 100

253 27.4 17.5 26.3

125 23.5 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/08/2024

