

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
 Data File : BF130746.D
 Acq On : 21 Oct 2022 15:45
 Operator : CG\JU
 Sample : N5224-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOILPILE-MIX

Quant Time: Oct 21 18:18:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/24/2022
 Supervised By :Jagrut Upadhyay 10/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	96767	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	344254	20.000	ng	0.00
39) Acenaphthene-d10	9.587	164	158025	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	213212	20.000	ng	0.00
76) Chrysene-d12	13.704	240	183401	20.000	ng	# 0.00
86) Perylene-d12	15.074	264	150290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	436554	77.795	ng	0.00
7) Phenol-d6	6.216	99	559810	82.451	ng	0.00
23) Nitrobenzene-d5	7.134	82	356578	54.947	ng	0.00
42) 2,4,6-Tribromophenol	10.381	330	98627	65.628	ng	0.00
45) 2-Fluorobiphenyl	8.916	172	661331	63.776	ng	-0.01
79) Terphenyl-d14	12.651	244	466100	42.828	ng	0.00
Target Compounds						
75) Fluoranthene	12.280	202	38543	3.261	ng	Qvalue 98
78) Pyrene	12.510	202	33355	2.167	ng	99
88) Benzo(b)fluoranthene	14.710	252	25814m	2.580	ng	

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

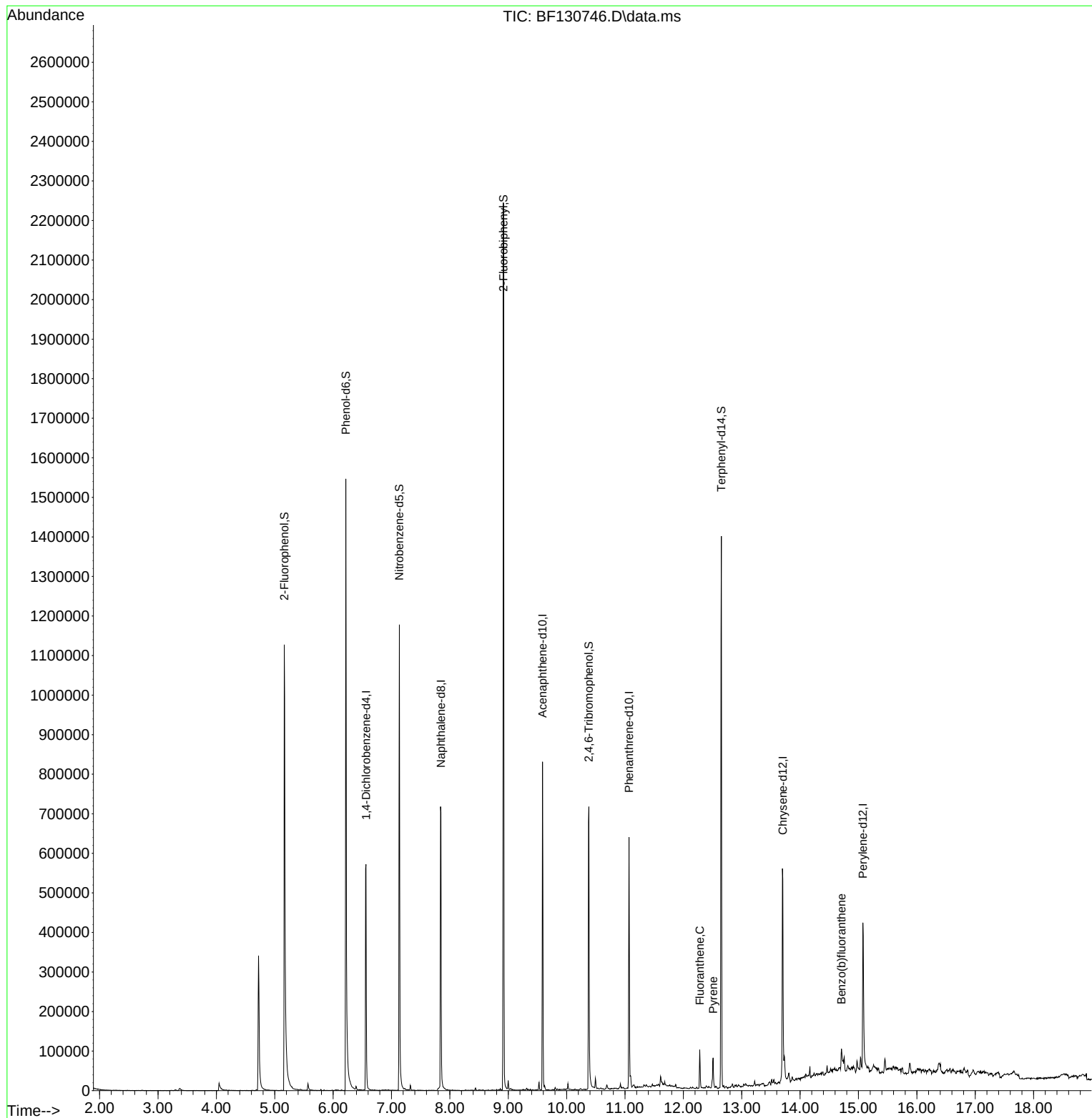
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
Data File : BF130746.D
Acq On : 21 Oct 2022 15:45
Operator : CG\JU
Sample : N5224-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

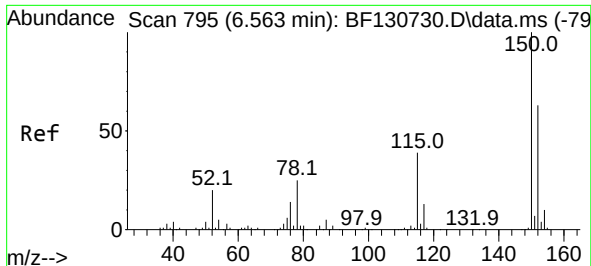
Instrument :
BNA_F
ClientSampleId :
SOILPILE-MIX

Quant Time: Oct 21 18:18:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 06:12:36 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

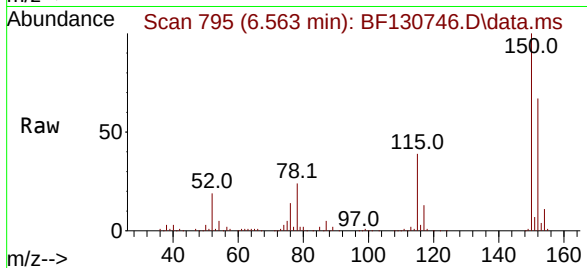
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130746.D
Acq: 21 Oct 2022 15:45

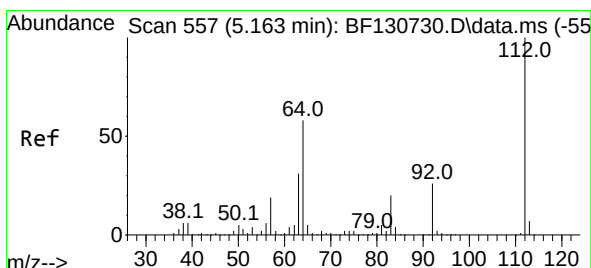
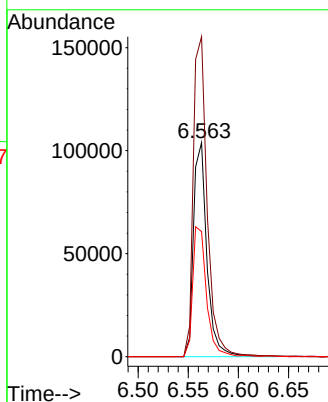
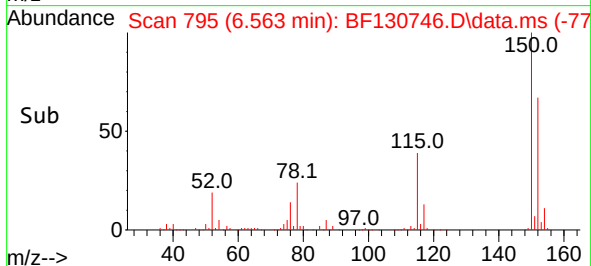
Instrument :
BNA_F
ClientSampleId :
SOILPILE-MIX



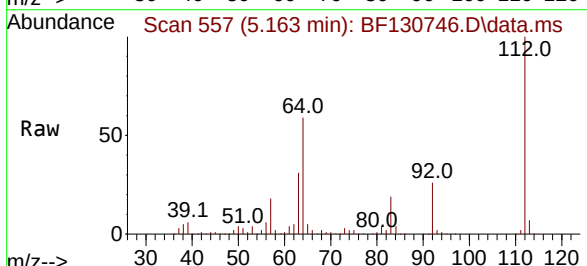
Tgt Ion:152 Resp: 9676
Ion Ratio Lower Upper
152 100
150 149.5 127.0 190.6
115 58.5 49.9 74.9

Manual Integrations
APPROVED

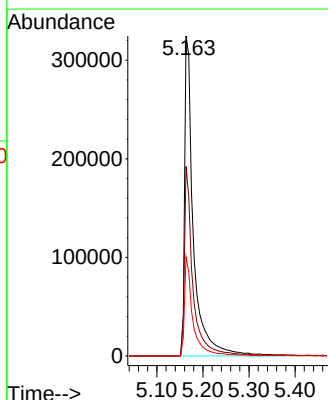
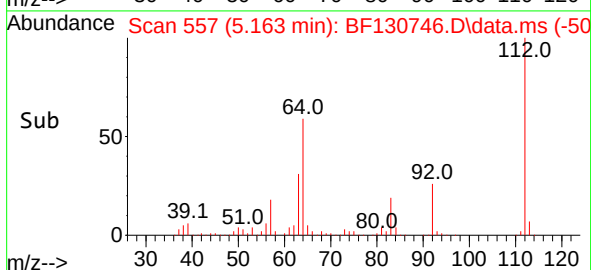
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

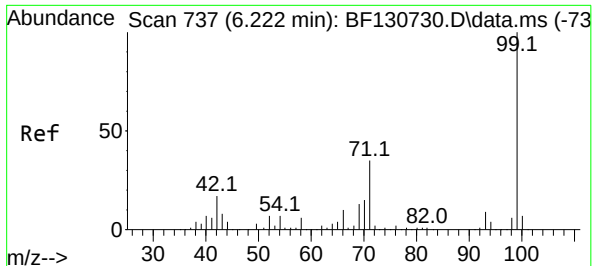


#5
2-Fluorophenol
Concen: 77.795 ng
RT: 5.163 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF130746.D
Acq: 21 Oct 2022 15:45



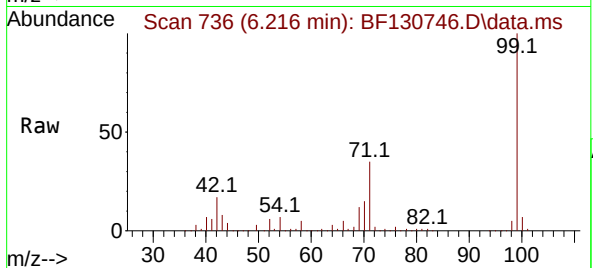
Tgt Ion:112 Resp: 436554
Ion Ratio Lower Upper
112 100
64 59.2 46.2 69.4
63 31.0 25.1 37.7





#7
Phenol-d6
Concen: 82.451 ng
RT: 6.216 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130746.D
Acq: 21 Oct 2022 15:45

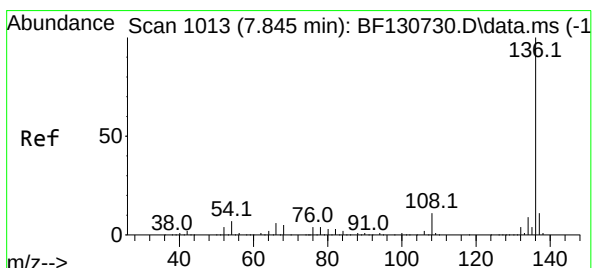
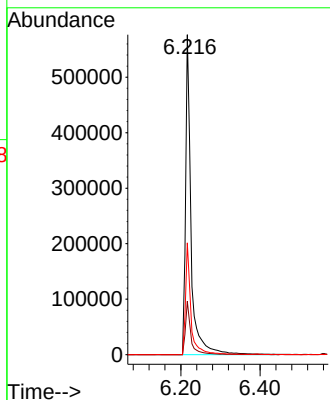
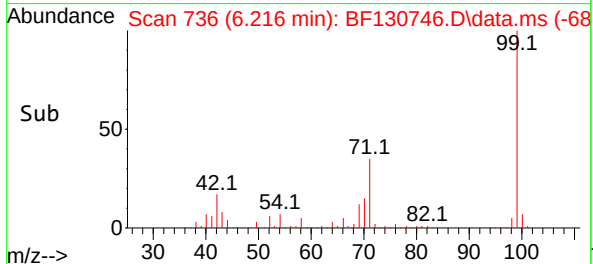
Instrument :
BNA_F
ClientSampleId :
SOILPILE-MIX



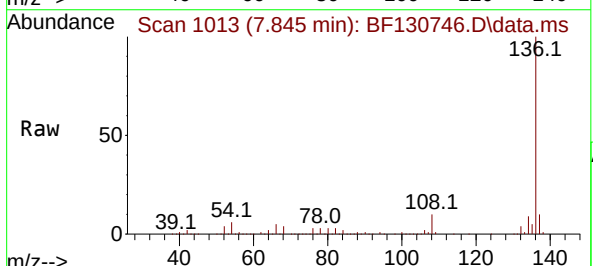
Tgt Ion: 99 Resp: 559810
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.8
71 34.9 28.3 42.5

Manual Integrations
APPROVED

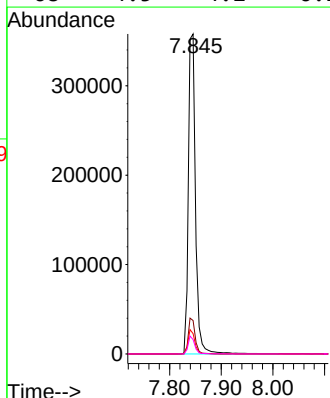
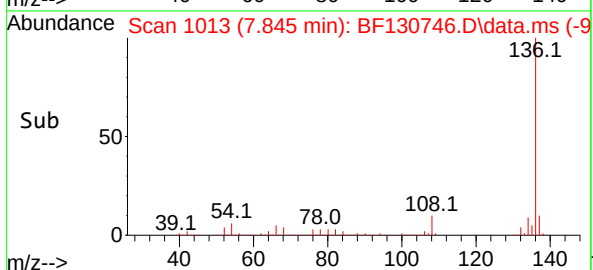
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

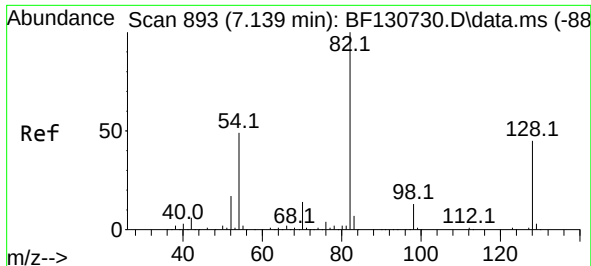


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130746.D
Acq: 21 Oct 2022 15:45



Tgt Ion:136 Resp: 344254
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 6.3 5.8 8.8
68 4.5 4.2 6.2





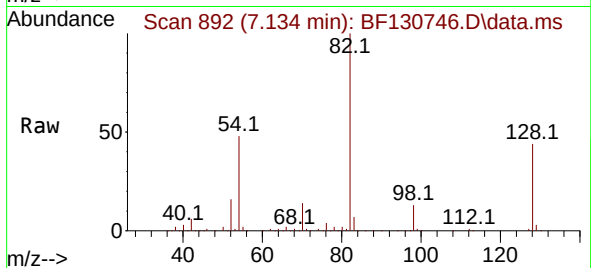
#23
Nitrobenzene-d5
Concen: 54.947 ng
RT: 7.134 min Scan# 89
Delta R.T. -0.005 min
Lab File: BF130746.D
Acq: 21 Oct 2022 15:45

Instrument :

BNA_F

ClientSampleId :

SOILPILE-MIX

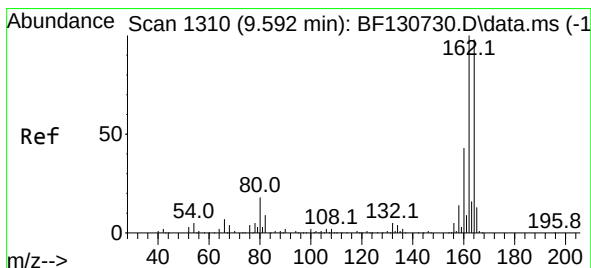
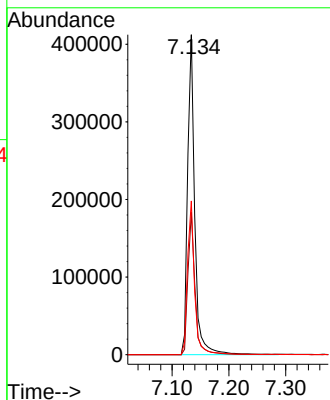
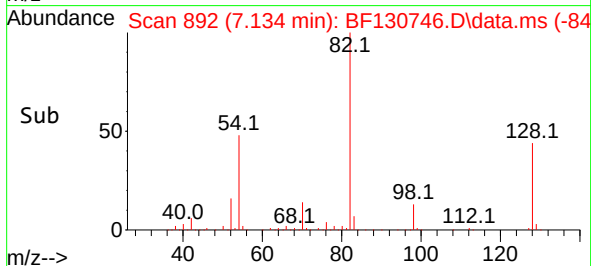


Tgt Ion: 82 Resp: 356578
Ion Ratio Lower Upper
82 100
128 44.5 35.9 53.9
54 48.0 39.2 58.8

Manual Integrations

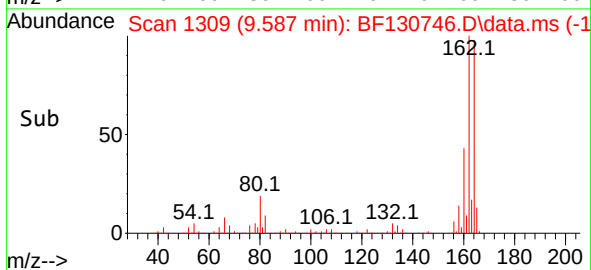
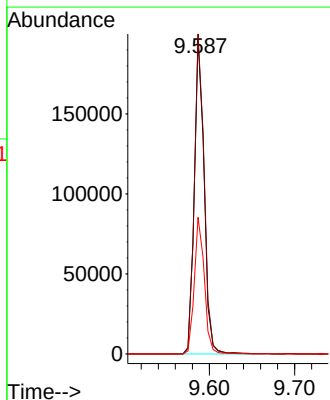
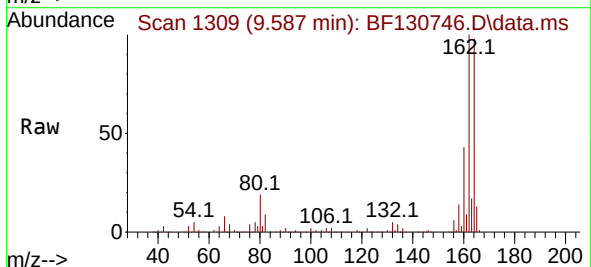
APPROVED

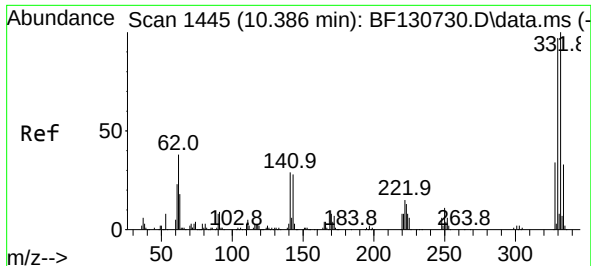
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.587 min Scan# 1309
Delta R.T. -0.005 min
Lab File: BF130746.D
Acq: 21 Oct 2022 15:45

Tgt Ion:164 Resp: 158025
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 43.4 35.0 52.4





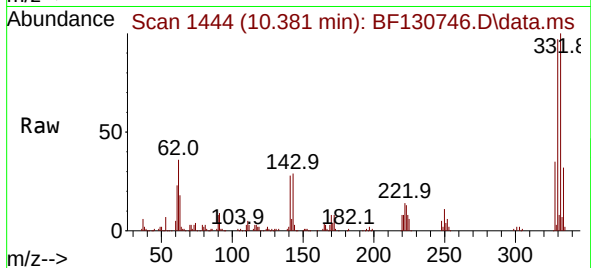
#42
2,4,6-Tribromophenol
Concen: 65.628 ng
RT: 10.381 min Scan# 1444
Delta R.T. -0.005 min
Lab File: BF130746.D
Acq: 21 Oct 2022 15:45

Instrument :

BNA_F

ClientSampleId :

SOILPILE-MIX

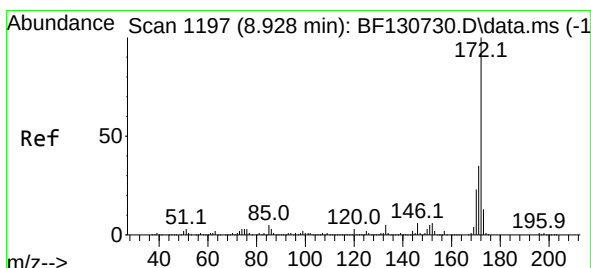
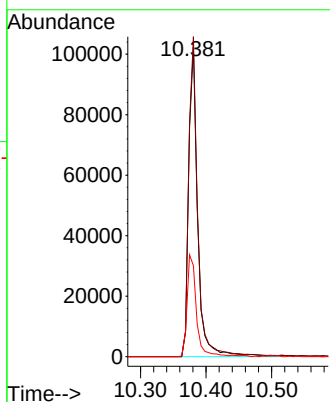
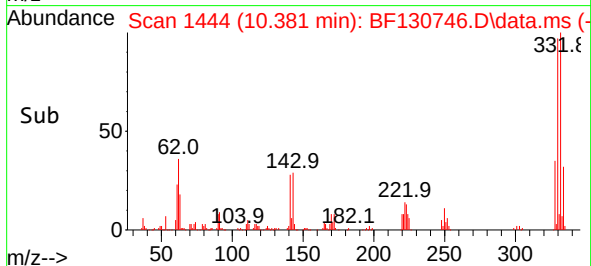


Tgt Ion:330 Resp: 98627
Ion Ratio Lower Upper
330 100
332 102.4 81.4 122.2
141 34.0 24.6 37.0

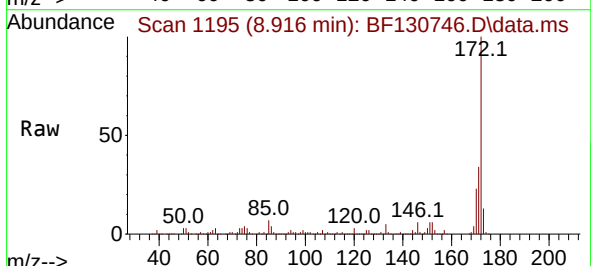
Manual Integrations

APPROVED

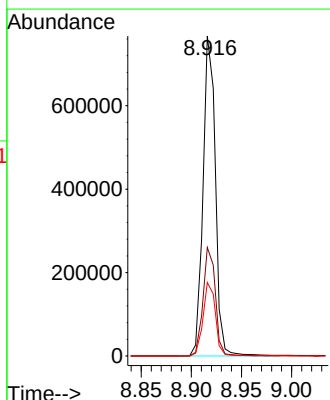
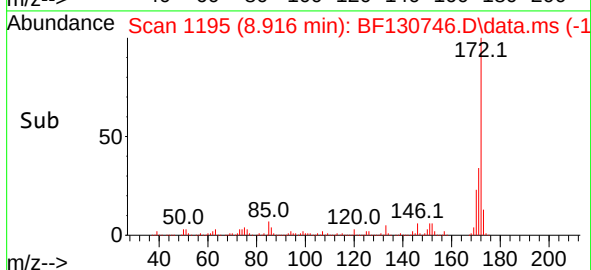
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

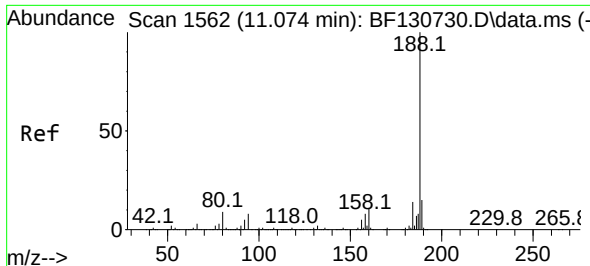


#45
2-Fluorobiphenyl
Concen: 63.776 ng
RT: 8.916 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF130746.D
Acq: 21 Oct 2022 15:45



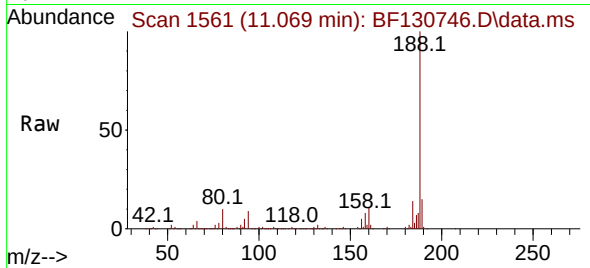
Tgt Ion:172 Resp: 661331
Ion Ratio Lower Upper
172 100
171 33.9 28.2 42.2
170 23.0 18.5 27.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130746.D
Acq: 21 Oct 2022 15:45

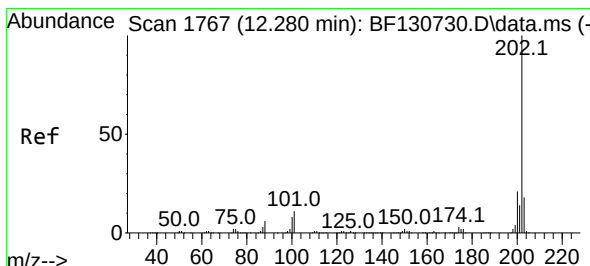
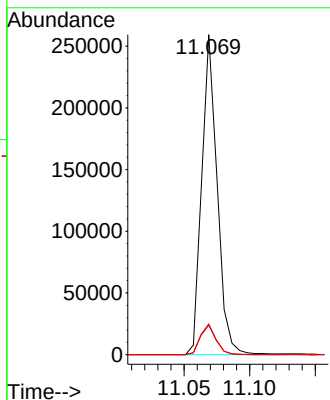
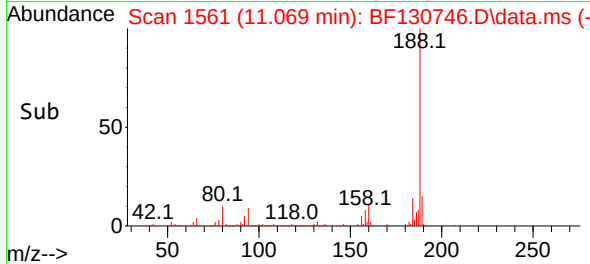
Instrument :
BNA_F
ClientSampleId :
SOILPILE-MIX



Tgt Ion:188 Resp: 21321
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.6 7.4 11.0

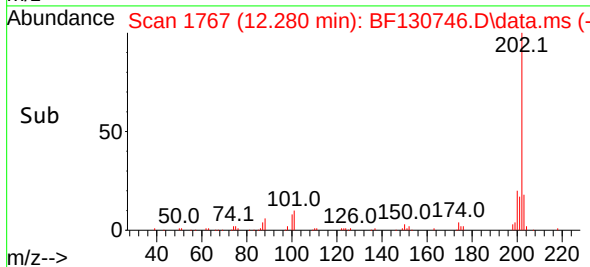
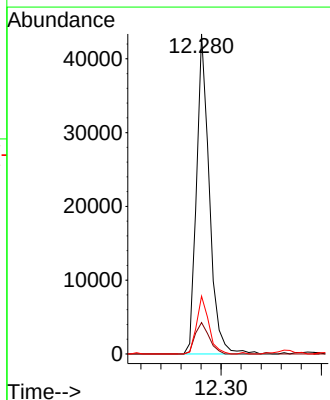
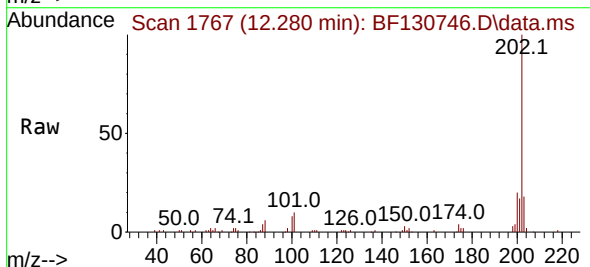
Manual Integrations
APPROVED

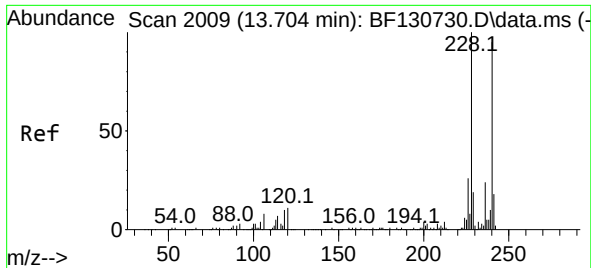
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#75
Fluoranthene
Concen: 3.261 ng
RT: 12.280 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BF130746.D
Acq: 21 Oct 2022 15:45

Tgt Ion:202 Resp: 38543
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.0
203 18.1 0.0 37.6





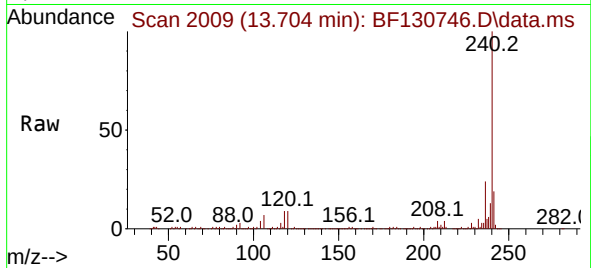
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF130746.D
Acq: 21 Oct 2022 15:45

Instrument :

BNA_F

ClientSampleId :

SOILPILE-MIX

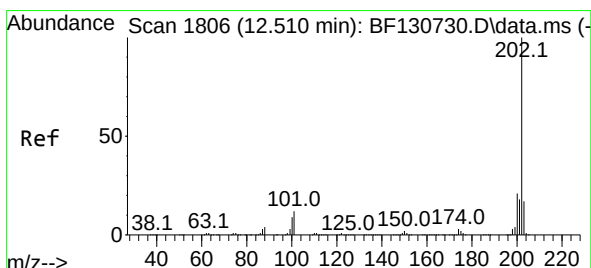
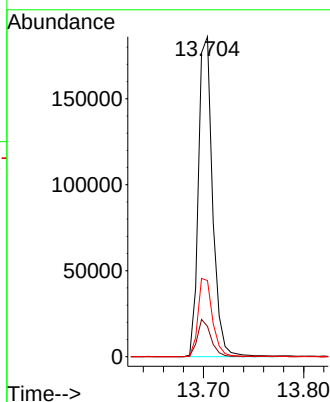
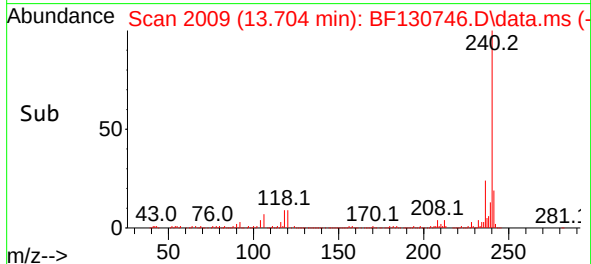


Tgt Ion:240 Resp: 18340
Ion Ratio Lower Upper
240 100
120 9.5 9.6 14.4
236 23.8 20.2 30.2

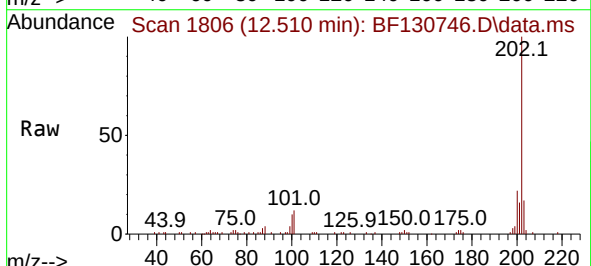
Manual Integrations

APPROVED

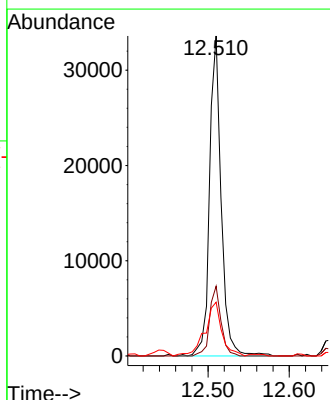
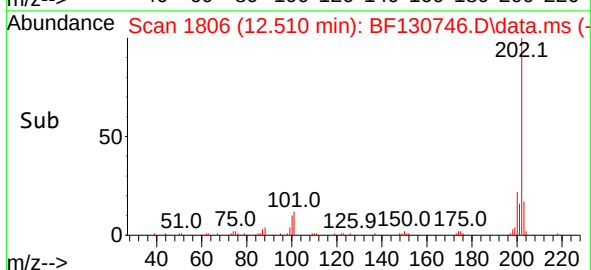
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

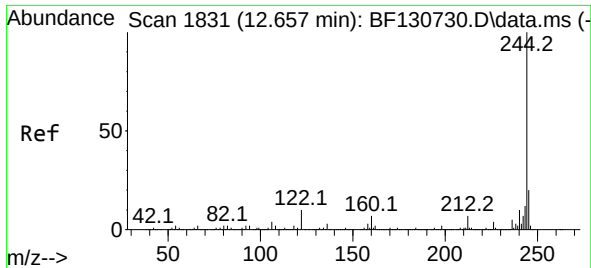


#78
Pyrene
Concen: 2.167 ng
RT: 12.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF130746.D
Acq: 21 Oct 2022 15:45



Tgt Ion:202 Resp: 33355
Ion Ratio Lower Upper
202 100
200 21.8 16.8 25.2
203 16.8 13.8 20.8





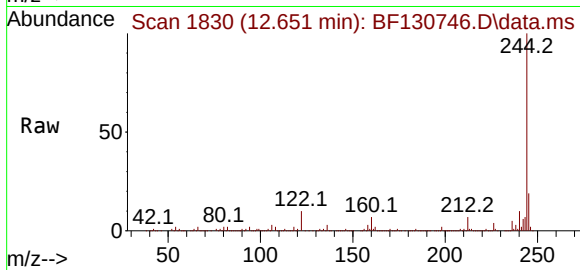
#79
 Terphenyl-d14
 Concen: 42.828 ng
 RT: 12.651 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF130746.D
 Acq: 21 Oct 2022 15:45

Instrument :

BNA_F

ClientSampleId :

SOILPILE-MIX

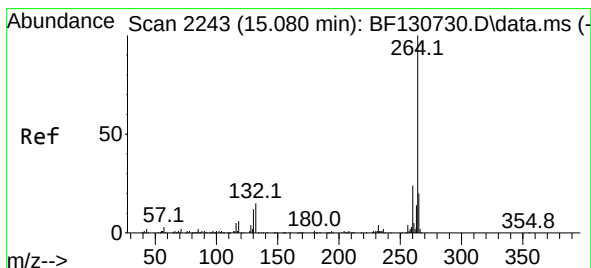
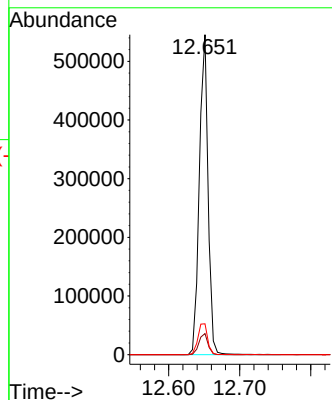
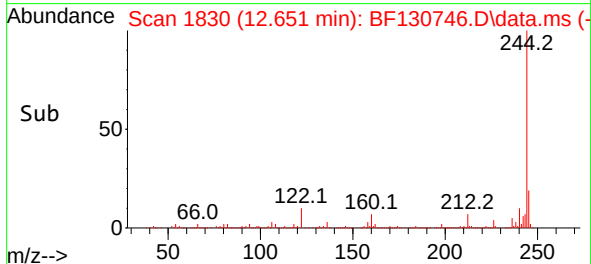


Tgt Ion:244 Resp: 466100
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.7 8.2 12.4

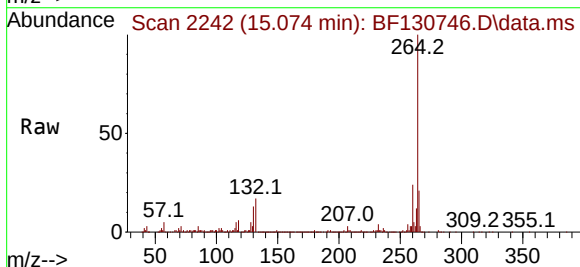
Manual Integrations

APPROVED

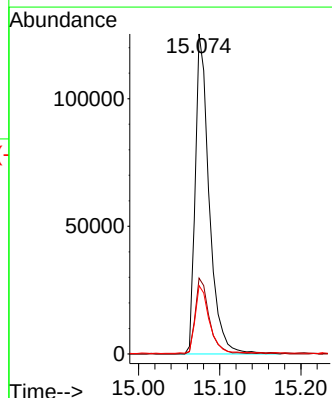
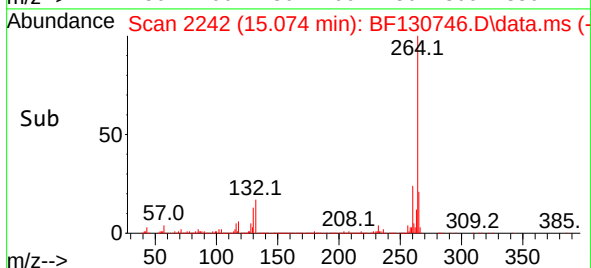
Reviewed By :Christian Giraldo 10/24/2022
 Supervised By :Jagrut Upadhyay 10/24/2022

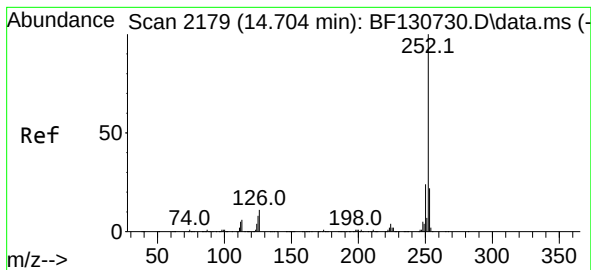


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.074 min Scan# 2242
 Delta R.T. -0.006 min
 Lab File: BF130746.D
 Acq: 21 Oct 2022 15:45



Tgt Ion:264 Resp: 150290
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.4 16.2 24.4





#88

Benzo(b)fluoranthene

Concen: 2.580 ng m

RT: 14.710 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130746.D

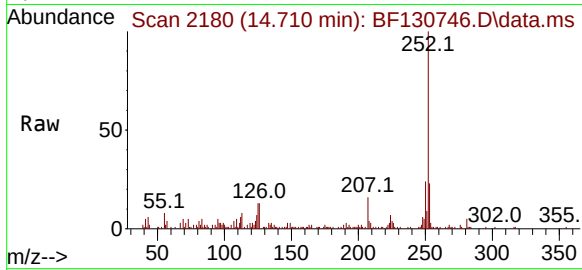
Acq: 21 Oct 2022 15:45

Instrument :

BNA_F

ClientSampleId :

SOILPILE-MIX



Tgt Ion:252 Resp: 25814

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 13.4 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022

