

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
 Data File : BF135762.D
 Acq On : 13 Oct 2023 20:11
 Operator : CG\JU
 Sample : 04837-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

Quant Time: Oct 13 23:38:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 17:12:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	121169	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	440196	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	209414	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	345859	20.000	ng	0.00
76) Chrysene-d12	13.933	240	231373	20.000	ng	-0.01
86) Perylene-d12	15.410	264	258397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	654379	86.827	ng	0.00
7) Phenol-d6	6.387	99	798847	84.952	ng	-0.01
23) Nitrobenzene-d5	7.304	82	485294	60.634	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	168814	84.008	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	793478	59.242	ng	-0.01
79) Terphenyl-d14	12.863	244	629110	50.354	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.492	202	57193	3.110	ng	96
78) Pyrene	12.727	202	50556	2.750	ng	97
88) Benzo(b)fluoranthene	14.986	252	41677m	2.882	ng	

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

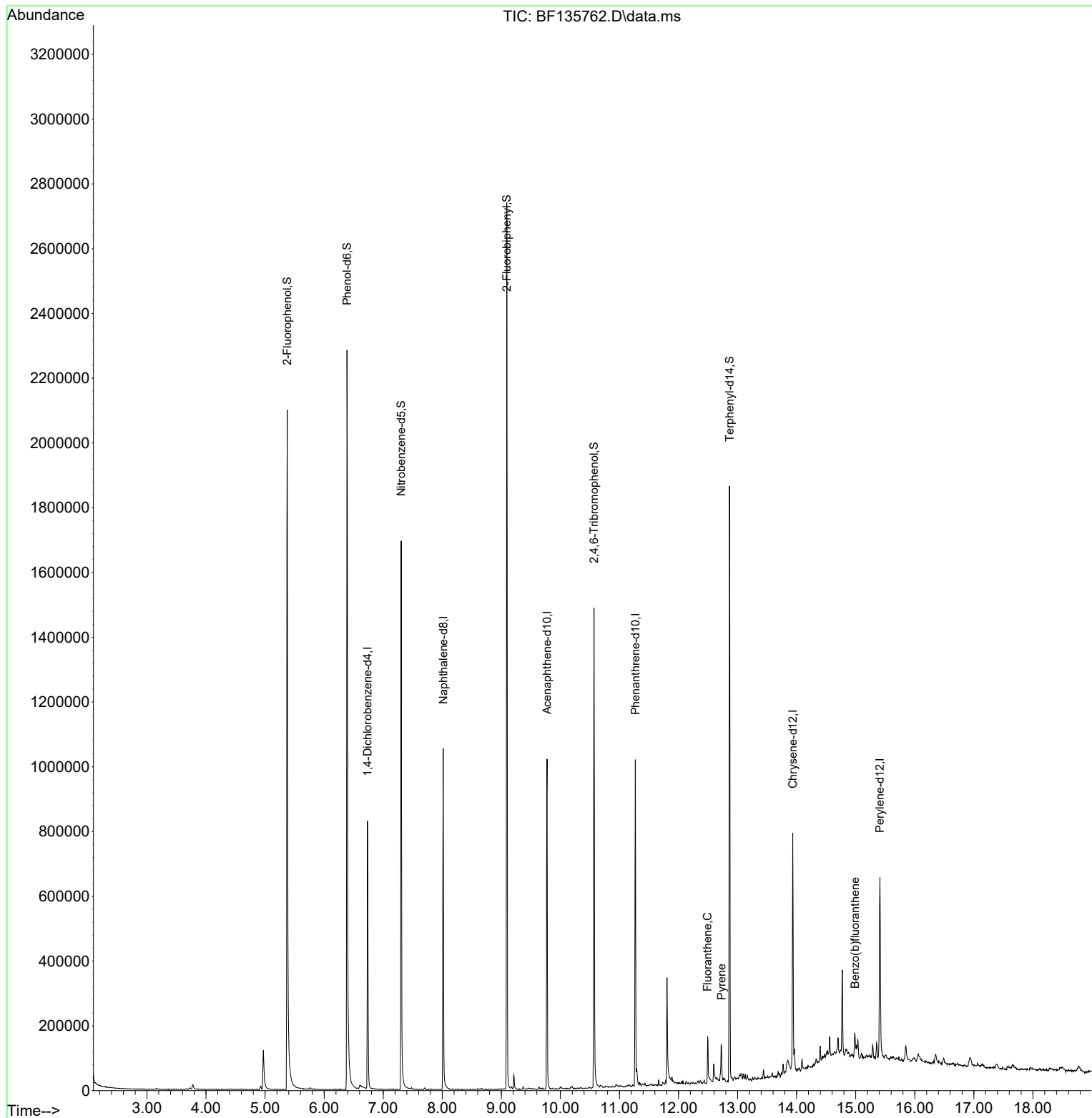
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135762.D
Acq On : 13 Oct 2023 20:11
Operator : CG\JU
Sample : 04837-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

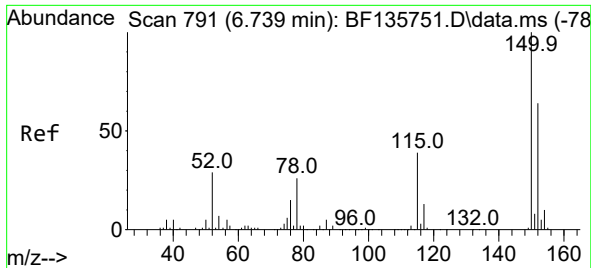
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

Quant Time: Oct 13 23:38:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 17:12:59 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023





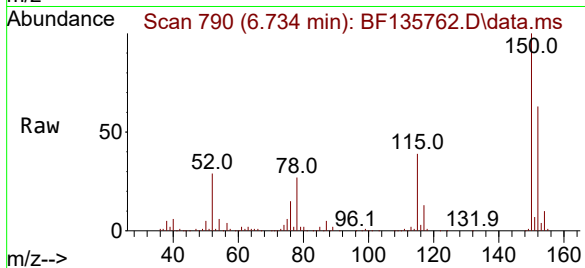
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF135762.D
Acq: 13 Oct 2023 20:11

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP

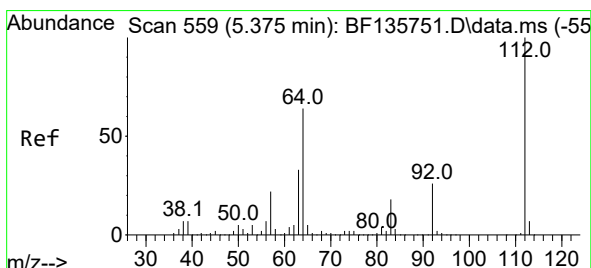
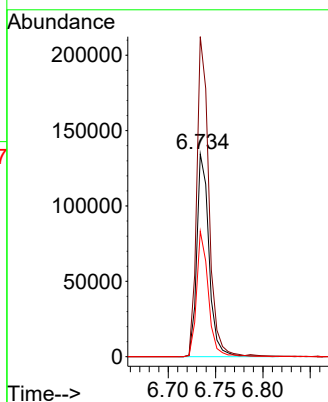
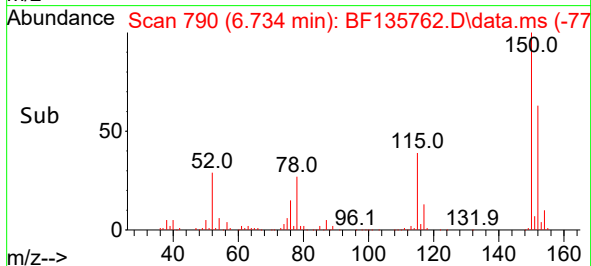


Tgt Ion:152 Resp: 121169
Ion Ratio Lower Upper
152 100
150 157.8 124.5 186.7
115 61.9 49.0 73.4

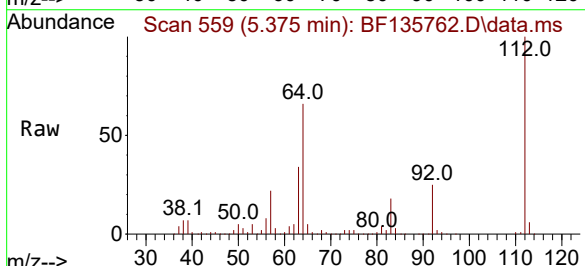
Manual Integrations

APPROVED

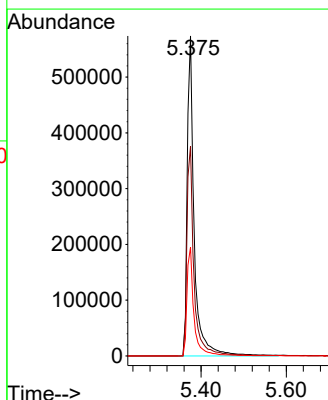
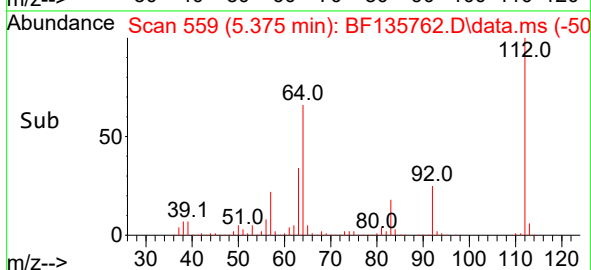
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

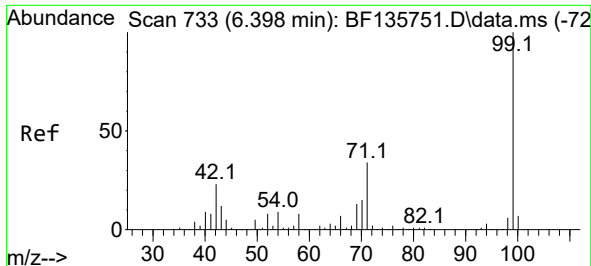


#5
2-Fluorophenol
Concen: 86.827 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.000 min
Lab File: BF135762.D
Acq: 13 Oct 2023 20:11



Tgt Ion:112 Resp: 654379
Ion Ratio Lower Upper
112 100
64 65.6 51.2 76.8
63 34.0 26.1 39.1





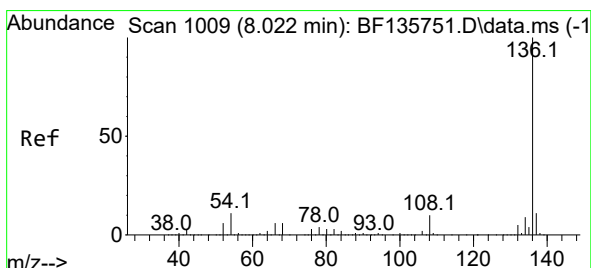
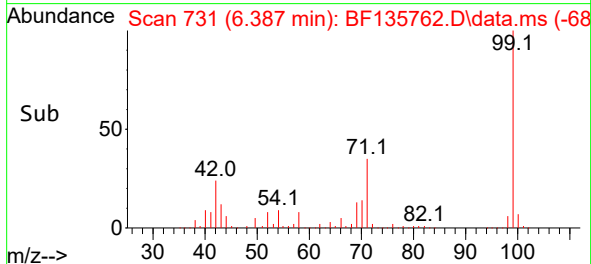
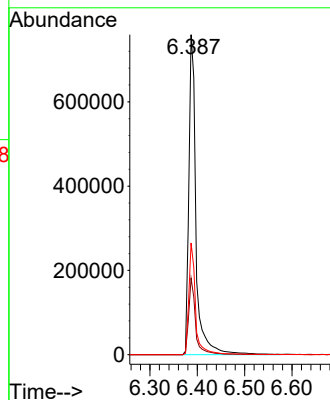
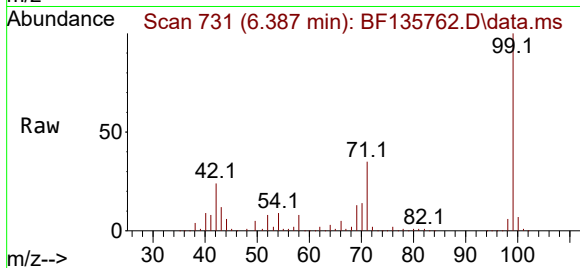
#7
Phenol-d6
Concen: 84.952 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135762.D
Acq: 13 Oct 2023 20:11

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

Tgt Ion: 99 Resp: 79884
Ion Ratio Lower Upper
99 100
42 23.9 18.4 27.6
71 34.9 27.2 40.8

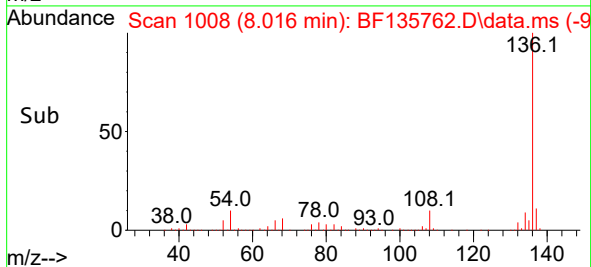
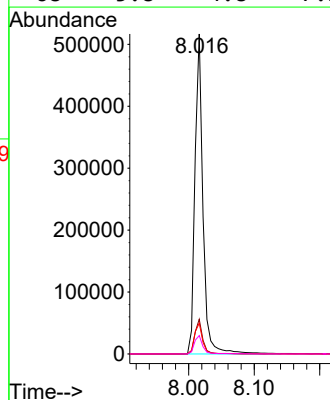
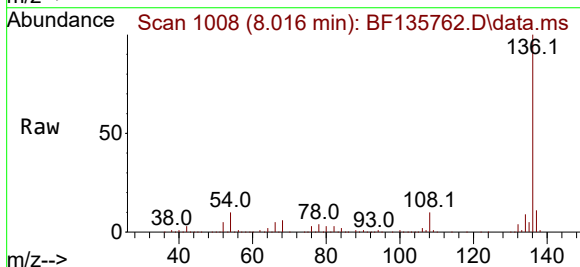
Manual Integrations
APPROVED

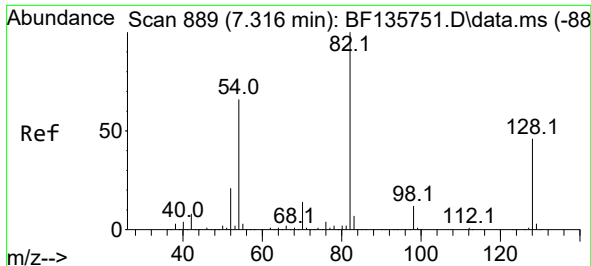
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135762.D
Acq: 13 Oct 2023 20:11

Tgt Ion:136 Resp: 440196
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.6 8.5 12.7
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 60.634 ng

RT: 7.304 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF135762.D

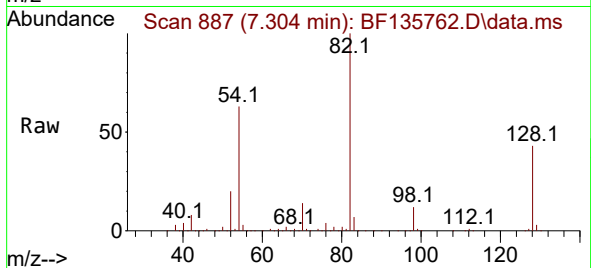
Acq: 13 Oct 2023 20:11

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP



Tgt Ion: 82 Resp: 485294

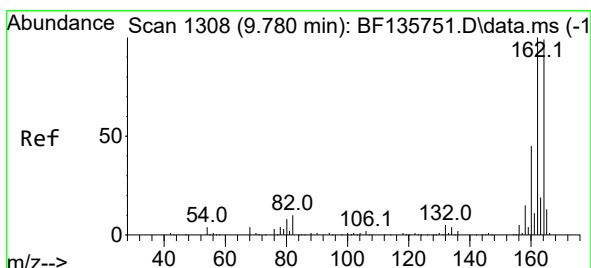
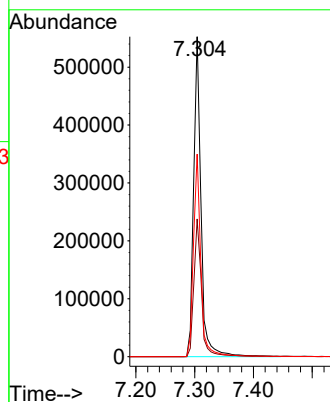
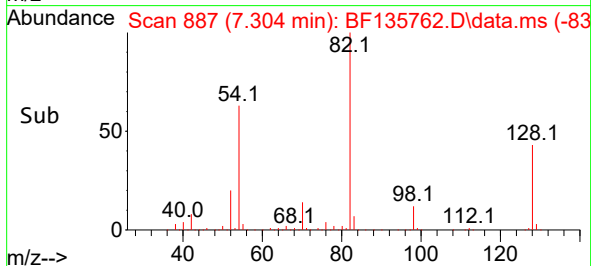
Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.0	55.6
54	63.3	52.8	79.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

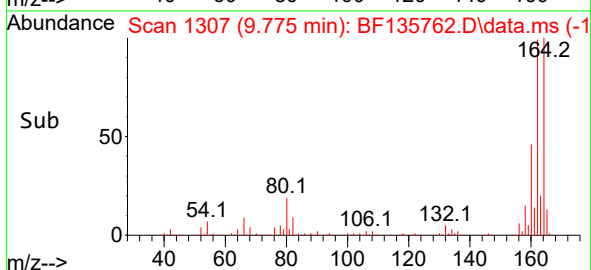
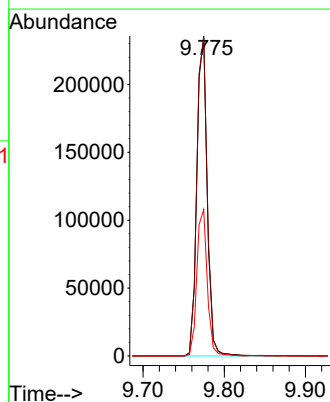
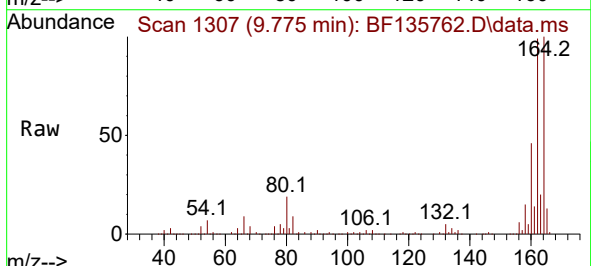
Delta R.T. -0.006 min

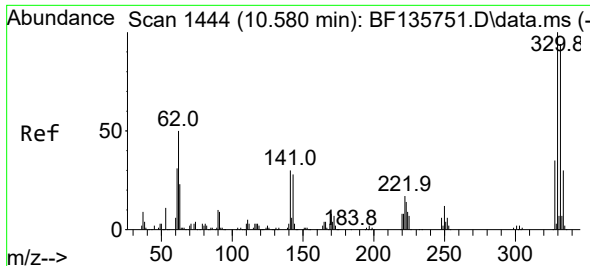
Lab File: BF135762.D

Acq: 13 Oct 2023 20:11

Tgt Ion:164 Resp: 209414

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.8	121.2
160	45.8	36.6	54.8





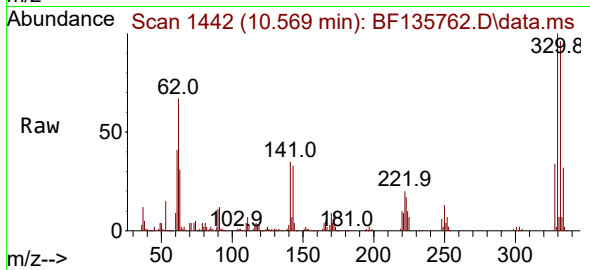
#42
2,4,6-Tribromophenol
Concen: 84.008 ng
RT: 10.569 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF135762.D
Acq: 13 Oct 2023 20:11

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP

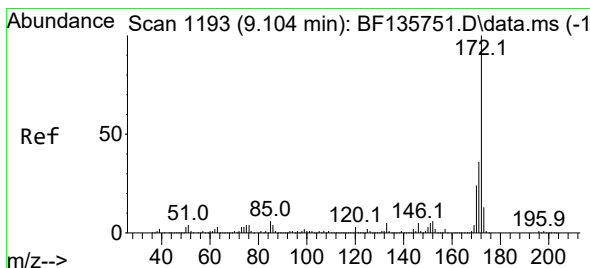
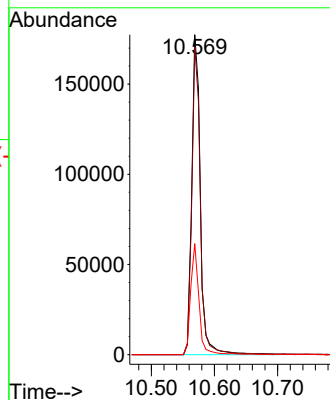
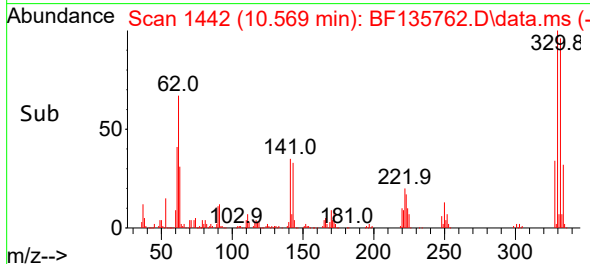


Tgt Ion: 330 Resp: 168814
Ion Ratio Lower Upper
330 100
332 95.5 75.0 112.4
141 33.6 25.8 38.6

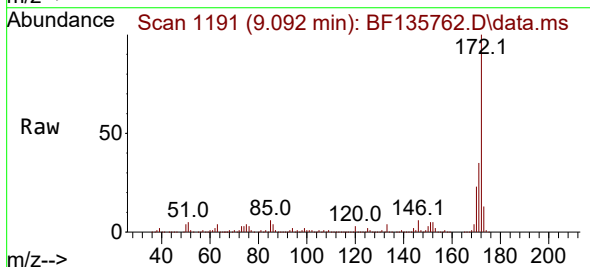
Manual Integrations

APPROVED

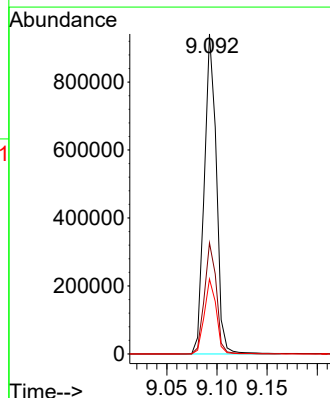
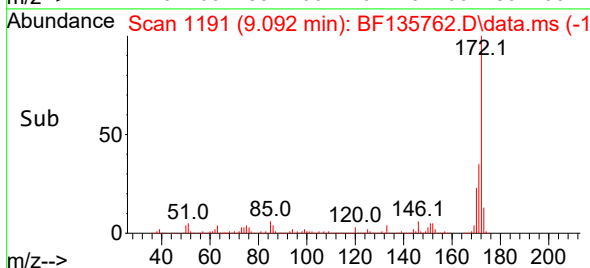
Reviewed By : Yogesh Patel 10/16/2023
Supervised By : mohammad ahmed 10/17/2023

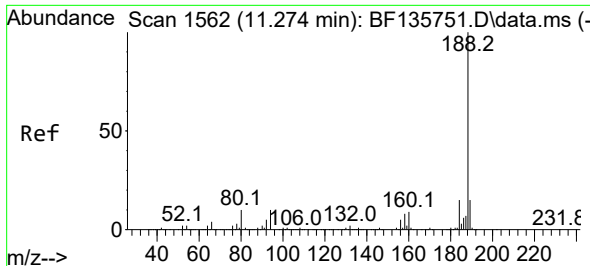


#45
2-Fluorobiphenyl
Concen: 59.242 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF135762.D
Acq: 13 Oct 2023 20:11



Tgt Ion: 172 Resp: 793478
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.4 18.8 28.2





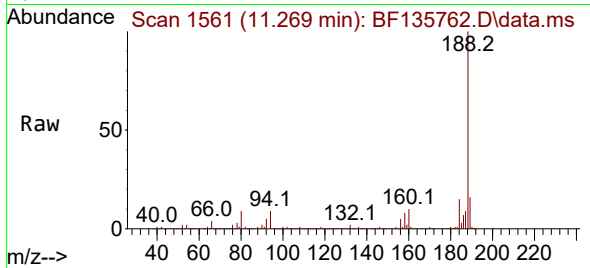
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135762.D
Acq: 13 Oct 2023 20:11

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP

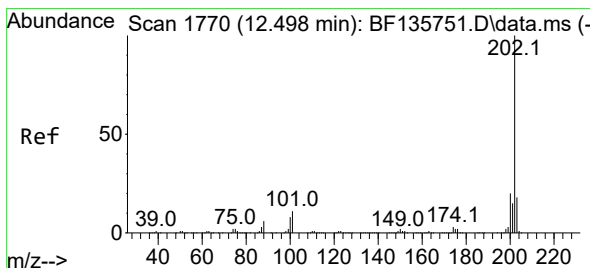
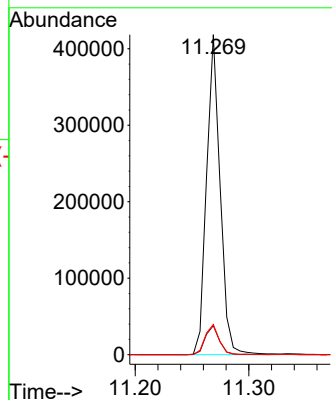
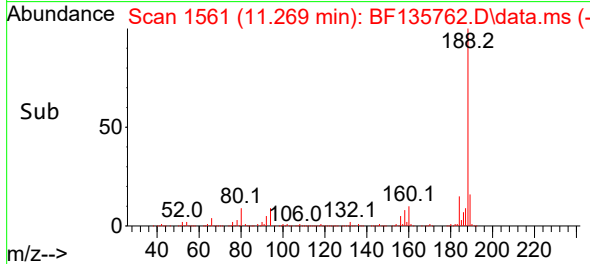


Tgt Ion:188 Resp: 34585
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.4 8.3 12.5

Manual Integrations

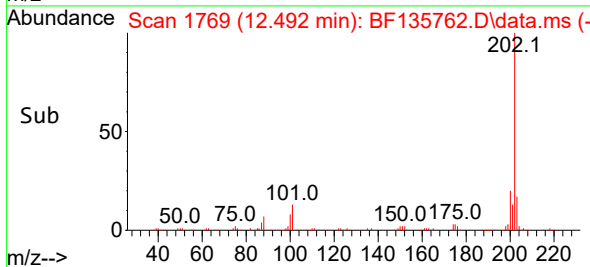
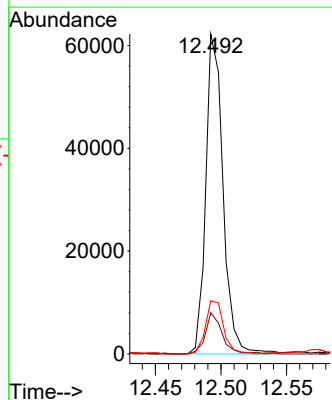
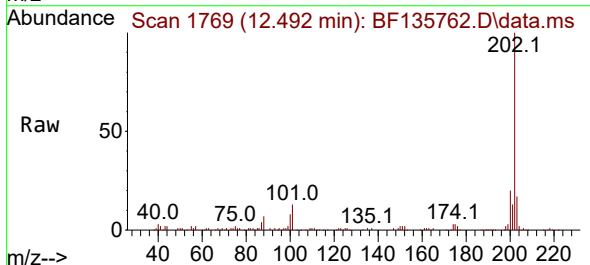
APPROVED

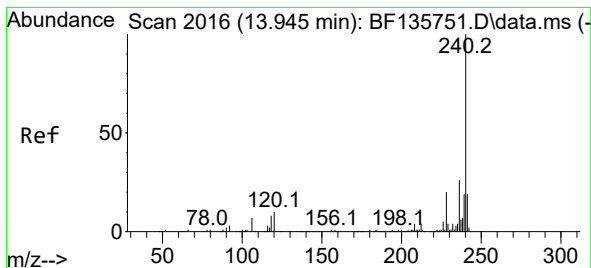
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#75
Fluoranthene
Concen: 3.110 ng
RT: 12.492 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF135762.D
Acq: 13 Oct 2023 20:11

Tgt Ion:202 Resp: 57193
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.5
203 16.6 0.0 38.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF135762.D

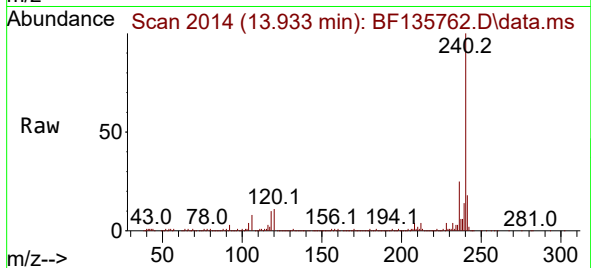
Acq: 13 Oct 2023 20:11

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP



Tgt Ion:240 Resp: 23137

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

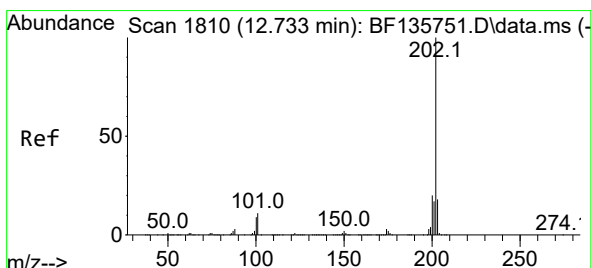
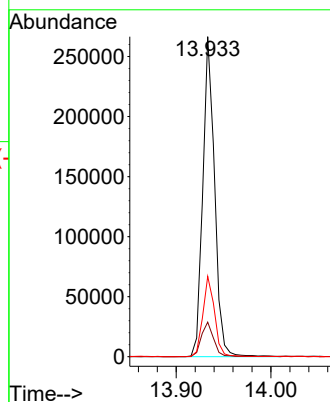
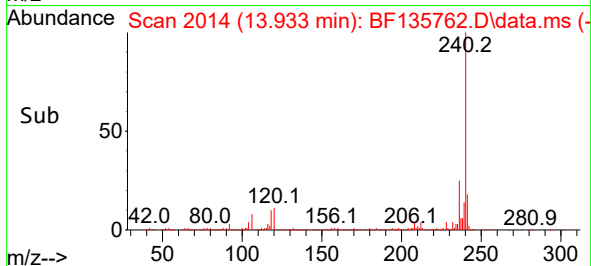
236 25.1 21.2 31.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#78

Pyrene

Concen: 2.750 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF135762.D

Acq: 13 Oct 2023 20:11

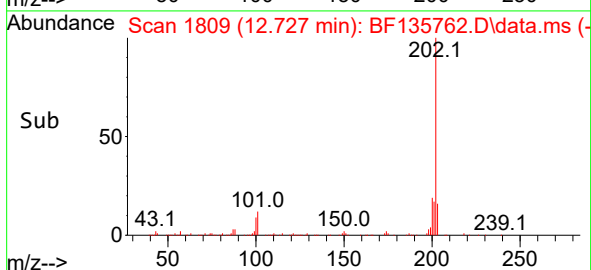
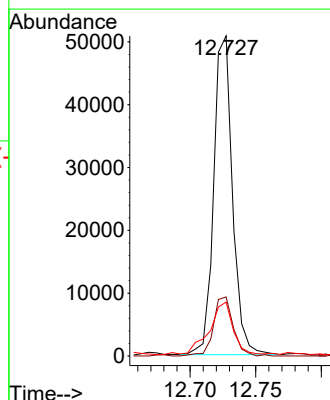
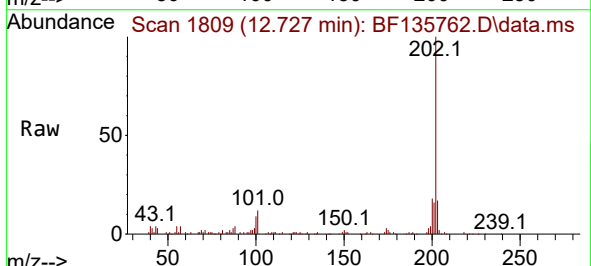
Tgt Ion:202 Resp: 50556

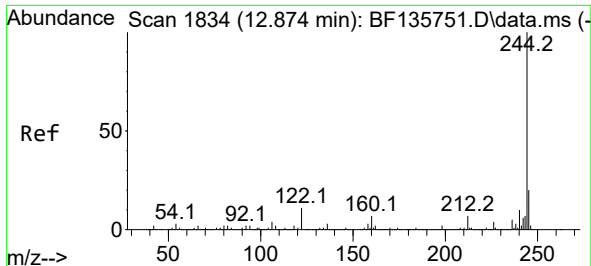
Ion Ratio Lower Upper

202 100

200 18.4 16.1 24.1

203 16.9 14.2 21.2





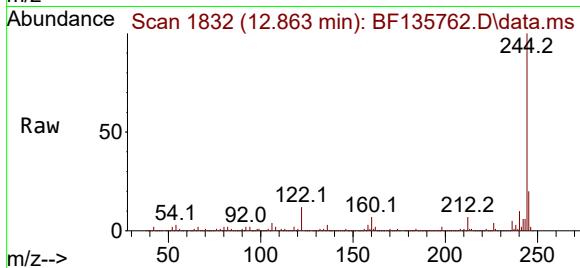
#79
 Terphenyl-d14
 Concen: 50.354 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.012 min
 Lab File: BF135762.D
 Acq: 13 Oct 2023 20:11

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP

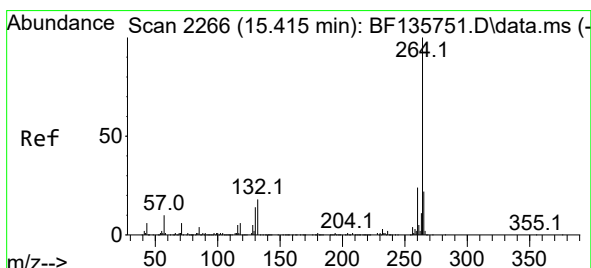
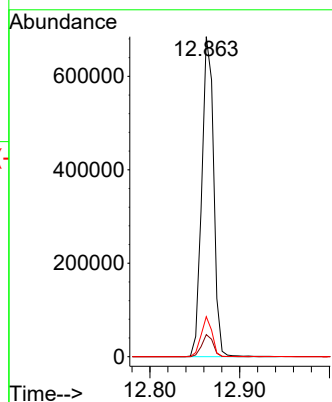
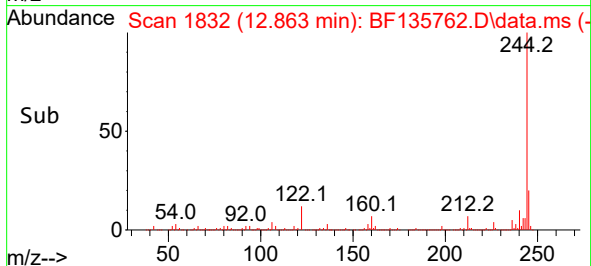


Tgt Ion:244 Resp: 629110
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 12.5 9.0 13.6

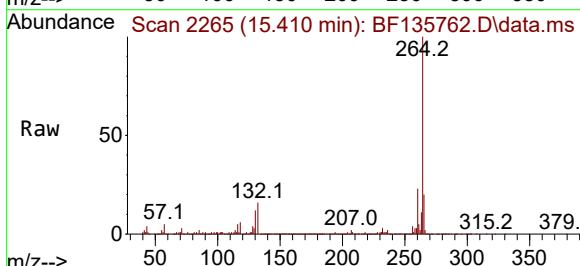
Manual Integrations

APPROVED

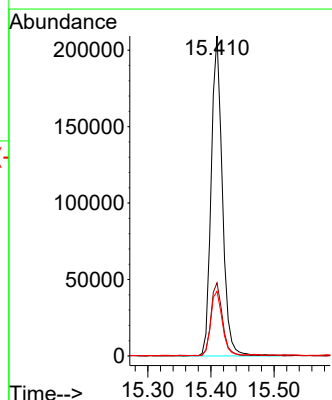
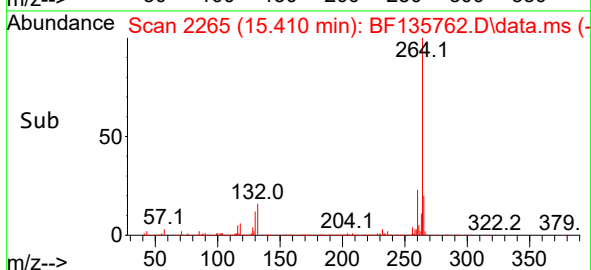
Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

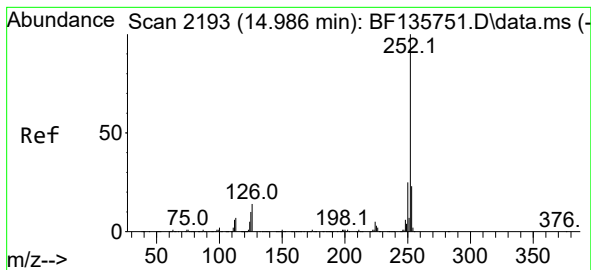


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF135762.D
 Acq: 13 Oct 2023 20:11



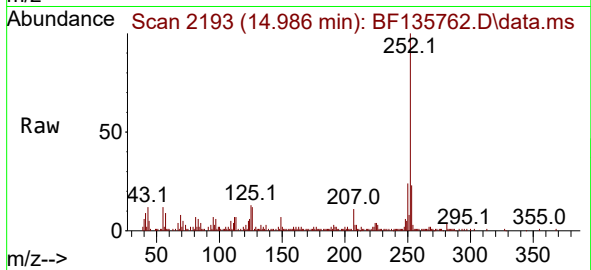
Tgt Ion:264 Resp: 258397
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.2 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.882 ng m
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135762.D
Acq: 13 Oct 2023 20:11

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP



Tgt Ion:252 Resp: 4167
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 12.6 8.2 12.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

