

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132328.D
 Acq On : 03 Feb 2023 18:35
 Operator : CG\JU
 Sample : 01416-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-01-SB01

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 04 01:40:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.054	152	215179	20.000	ng	0.00
21) Naphthalene-d8	8.342	136	853309	20.000	ng	0.00
39) Acenaphthene-d10	10.107	164	448808	20.000	ng	0.00
64) Phenanthrene-d10	11.607	188	798370	20.000	ng	0.00
76) Chrysene-d12	14.265	240	392496	20.000	ng	0.00
86) Perylene-d12	15.842	264	346134	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1131205	84.502	ng	0.00
7) Phenol-d6	6.672	99	1410326	85.453	ng	0.00
23) Nitrobenzene-d5	7.619	82	895678	58.410	ng	-0.01
42) 2,4,6-Tribromophenol	10.901	330	447484	96.955	ng	0.00
45) 2-Fluorobiphenyl	9.419	172	1614688	55.558	ng	0.00
79) Terphenyl-d14	13.201	244	1526278	75.222	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.824	202	191356	4.495	ng	99
78) Pyrene	13.060	202	177583	5.625	ng	98
81) Benzo(a)anthracene	14.254	228	84423	3.075	ng	97
83) Chrysene	14.289	228	105518	4.105	ng	98
88) Benzo(b)fluoranthene	15.365	252	117870m	5.357	ng	
90) Benzo(a)pyrene	15.771	252	52159	2.546	ng	99

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

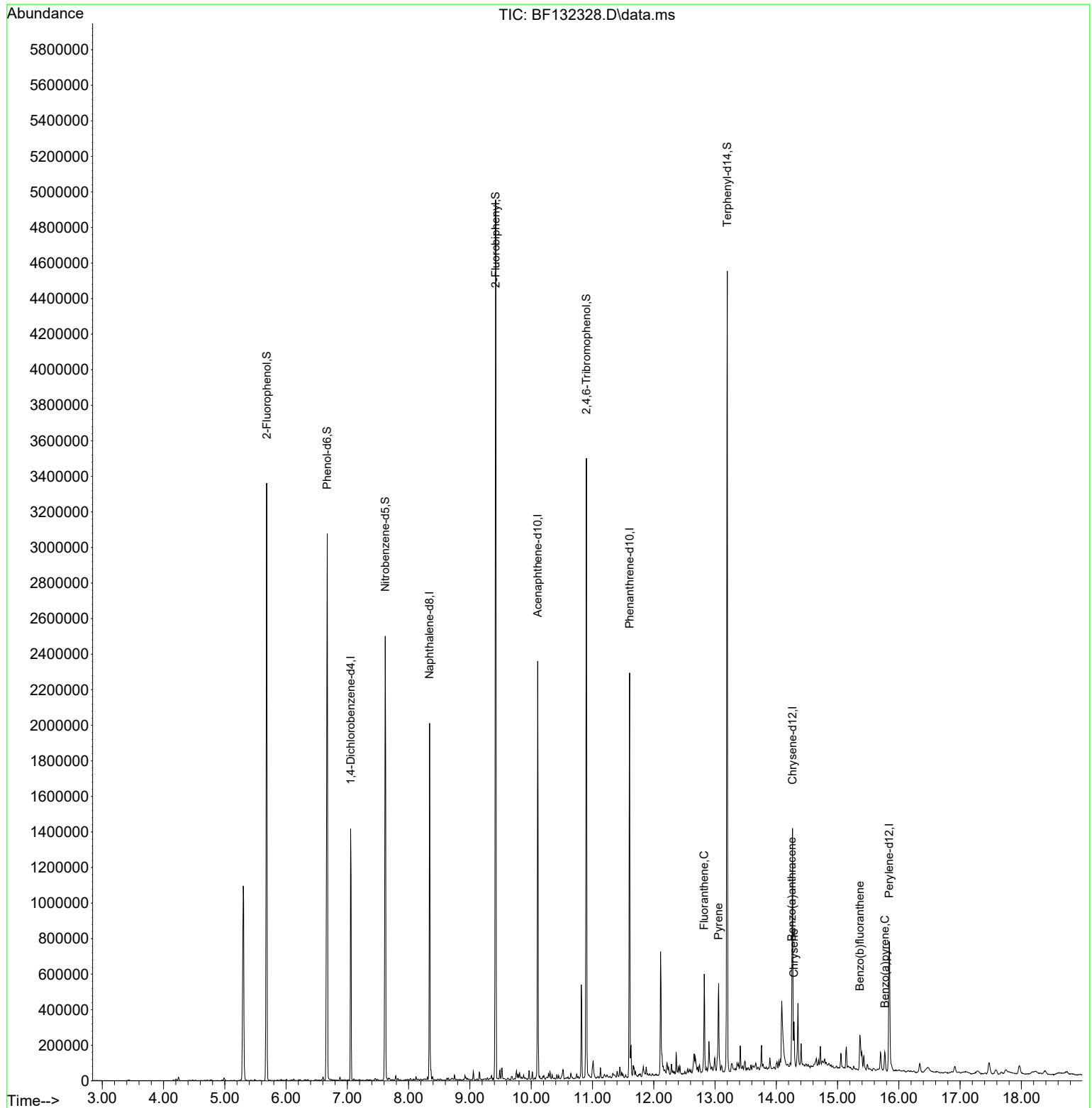
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132328.D
Acq On : 03 Feb 2023 18:35
Operator : CG\JU
Sample : 01416-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

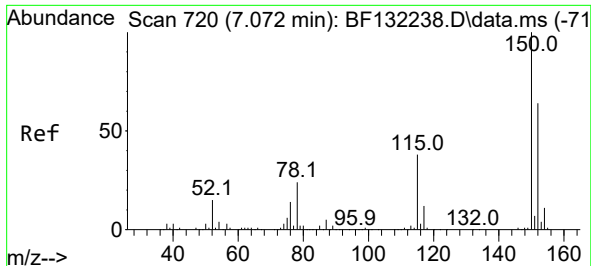
Instrument :
BNA_F
ClientSampleId :
B-01-SB01

Quant Time: Feb 04 01:40:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 04 01:32:42 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

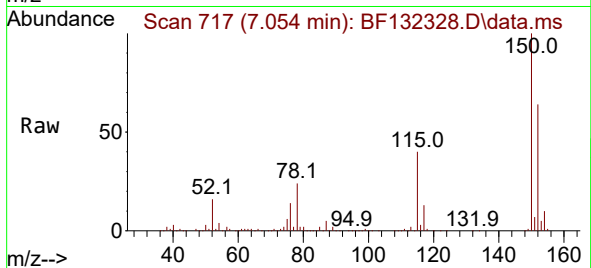
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.054 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF132328.D
Acq: 03 Feb 2023 18:35

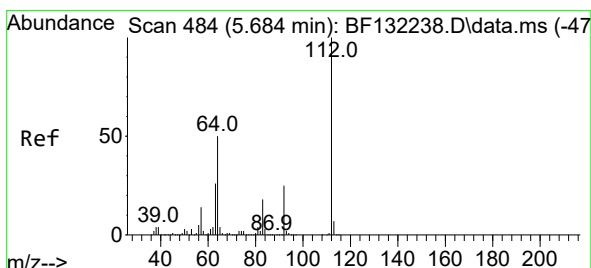
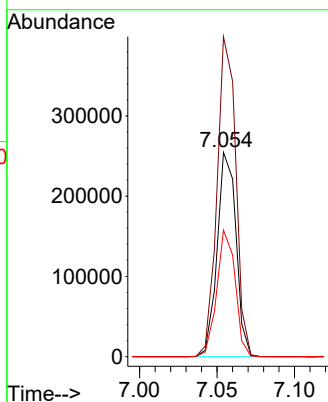
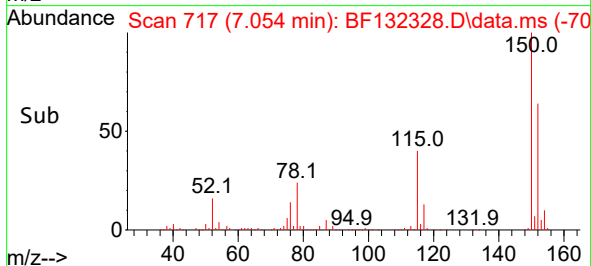
Instrument :
BNA_F
ClientSampleId :
B-01-SB01



Tgt Ion:152 Resp: 215179
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.2
115 61.9 47.3 70.9

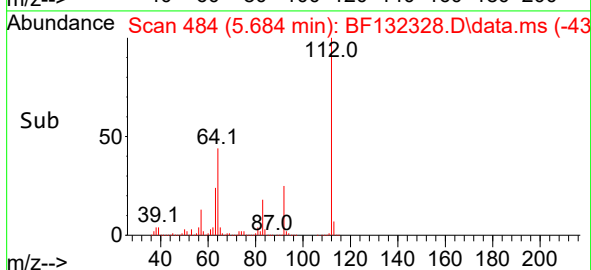
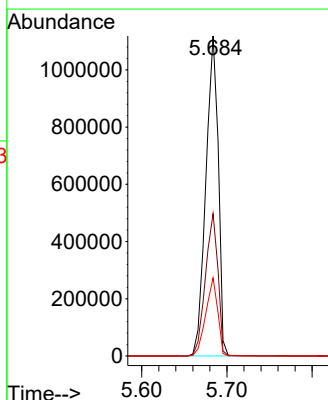
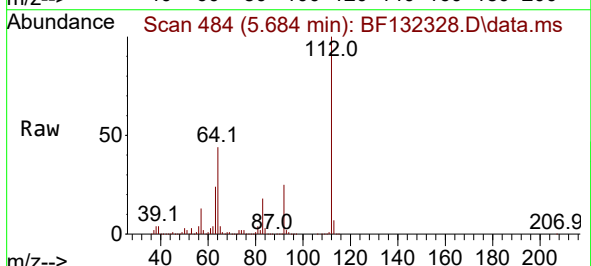
Manual Integrations
APPROVED

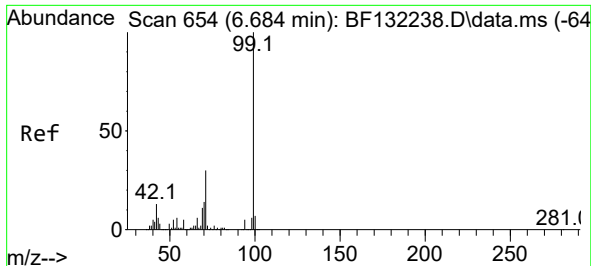
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#5
2-Fluorophenol
Concen: 84.502 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.006 min
Lab File: BF132328.D
Acq: 03 Feb 2023 18:35

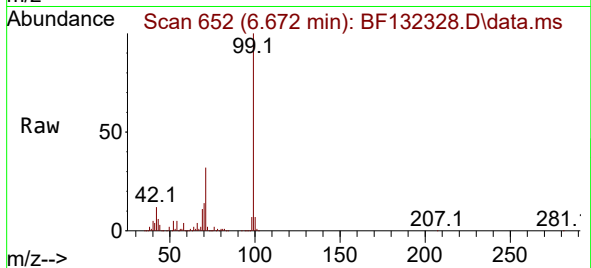
Tgt Ion:112 Resp: 1131205
Ion Ratio Lower Upper
112 100
64 44.5 40.0 60.0
63 24.4 20.5 30.7





#7
Phenol-d6
Concen: 85.453 ng
RT: 6.672 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132328.D
Acq: 03 Feb 2023 18:35

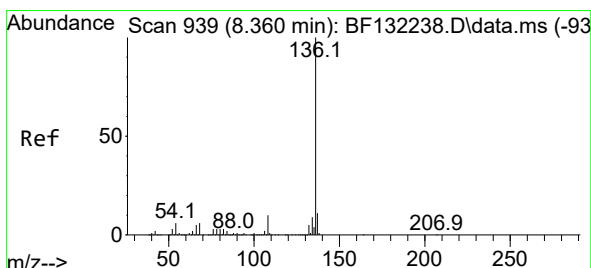
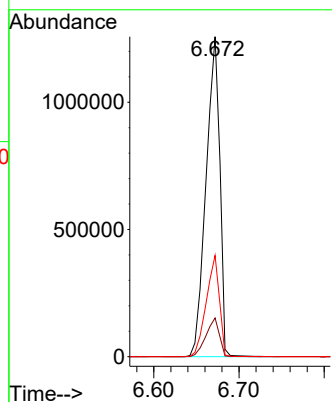
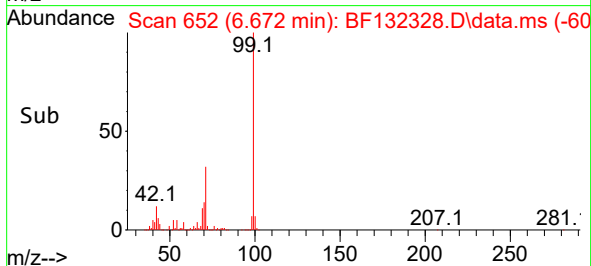
Instrument :
BNA_F
ClientSampleId :
B-01-SB01



Tgt Ion: 99 Resp: 1410320
Ion Ratio Lower Upper
99 100
42 12.1 10.1 15.1
71 31.7 24.2 36.4

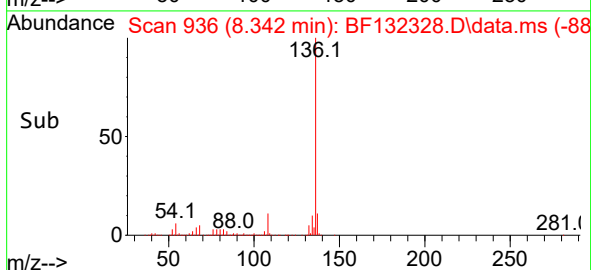
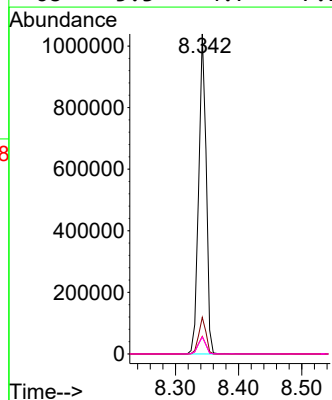
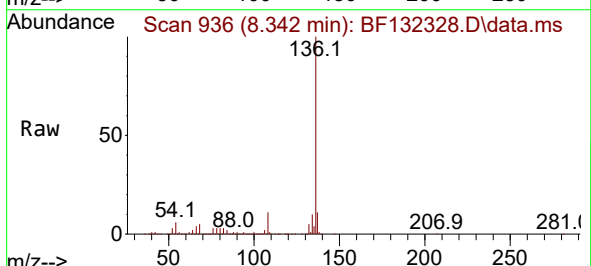
Manual Integrations
APPROVED

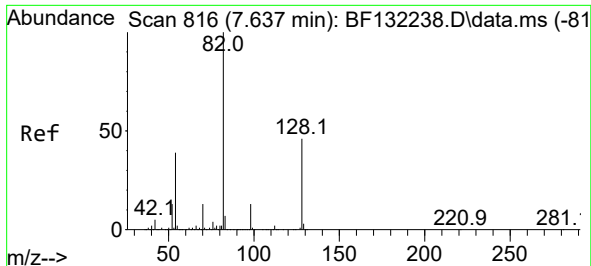
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.342 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF132328.D
Acq: 03 Feb 2023 18:35

Tgt Ion:136 Resp: 853309
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 5.5 4.9 7.3
68 5.3 4.7 7.1





#23

Nitrobenzene-d5

Concen: 58.410 ng

RT: 7.619 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF132328.D

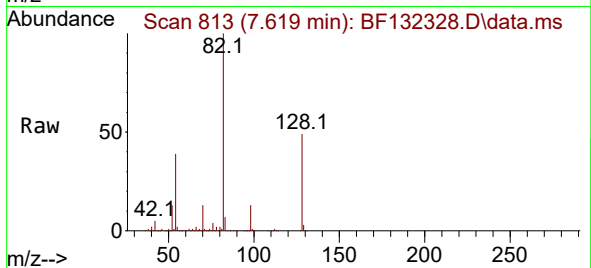
Acq: 03 Feb 2023 18:35

Instrument :

BNA_F

ClientSampleId :

B-01-SB01

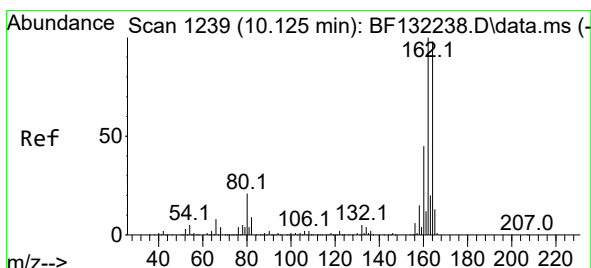
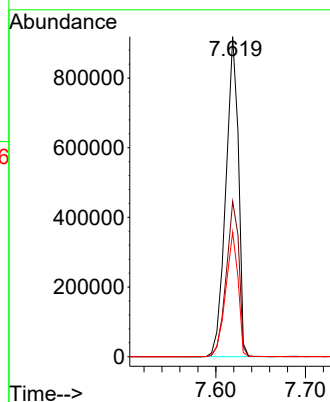
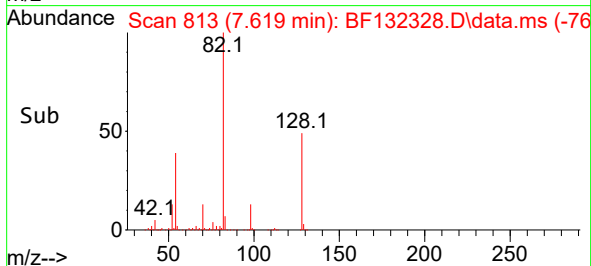


Tgt Ion:	82	Resp:	895678
Ion Ratio	Lower	Upper	
82	100		
128	48.5	37.0	55.4
54	39.0	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

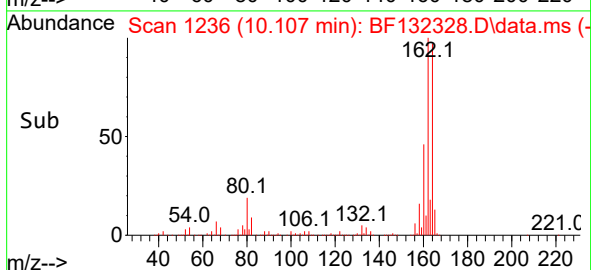
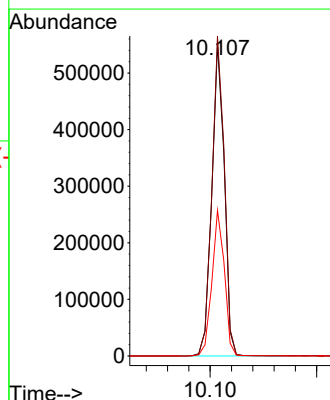
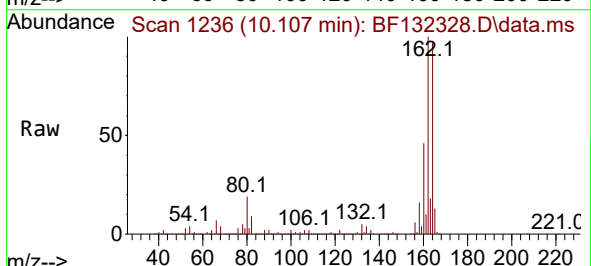
RT: 10.107 min Scan# 1236

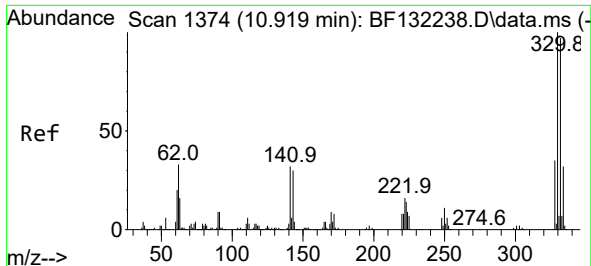
Delta R.T. -0.006 min

Lab File: BF132328.D

Acq: 03 Feb 2023 18:35

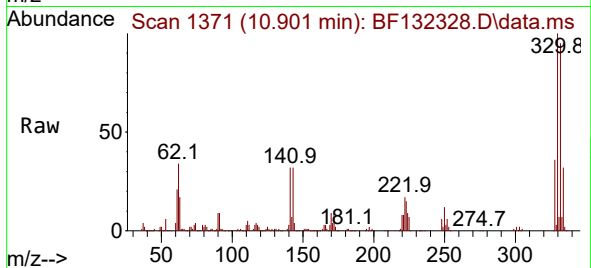
Tgt Ion:	164	Resp:	448808
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.0	123.0
160	46.7	37.1	55.7





#42
2,4,6-Tribromophenol
Concen: 96.955 ng
RT: 10.901 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF132328.D
Acq: 03 Feb 2023 18:35

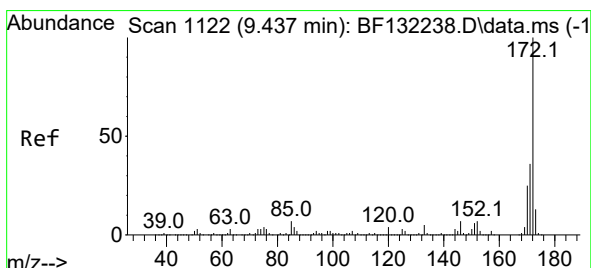
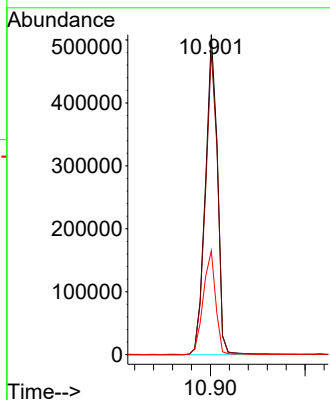
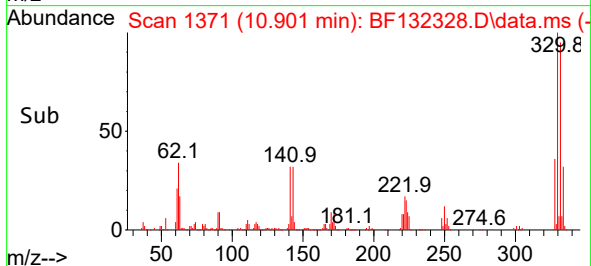
Instrument :
BNA_F
ClientSampleId :
B-01-SB01



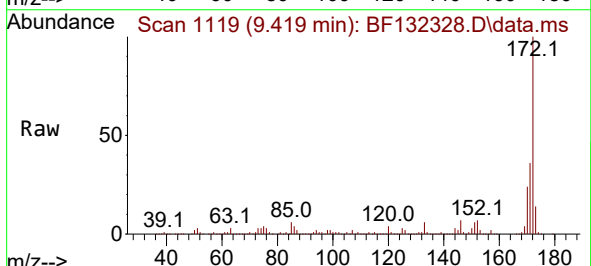
Tgt Ion: 330 Resp: 447484
Ion Ratio Lower Upper
330 100
332 95.9 77.9 116.9
141 33.2 31.0 46.4

Manual Integrations
APPROVED

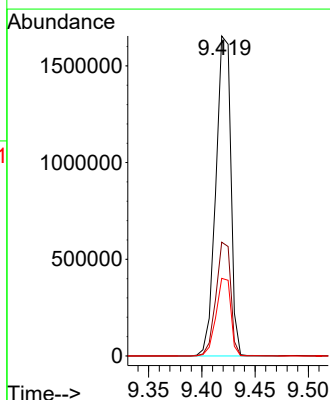
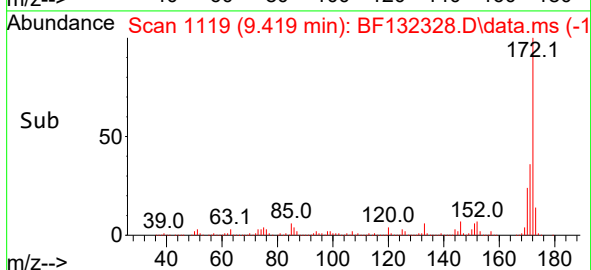
Reviewed By : Christian Giraldo 02/06/2023
Supervised By : Jagrut Upadhyay 02/06/2023

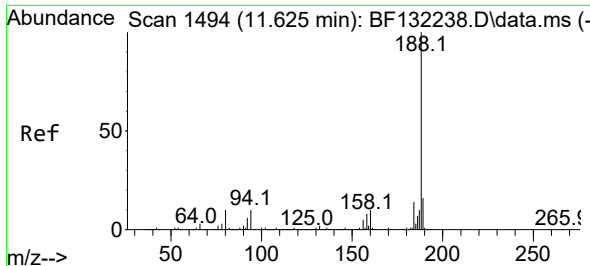


#45
2-Fluorobiphenyl
Concen: 55.558 ng
RT: 9.419 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF132328.D
Acq: 03 Feb 2023 18:35



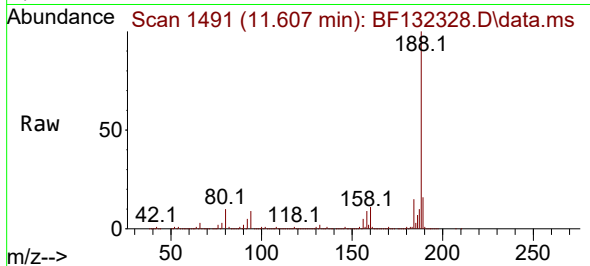
Tgt Ion: 172 Resp: 1614688
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.3 19.7 29.5





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.607 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132328.D
Acq: 03 Feb 2023 18:35

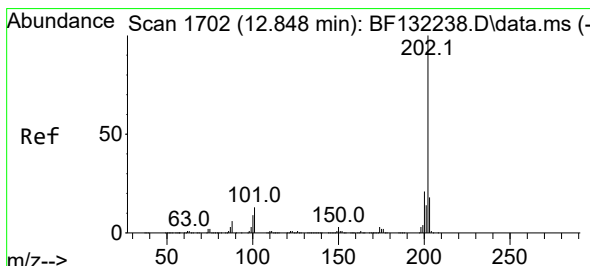
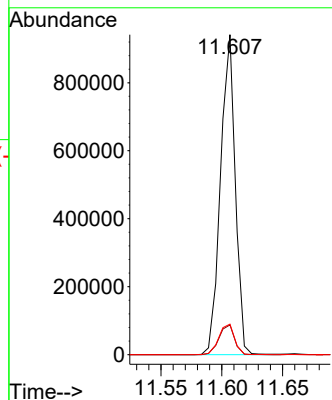
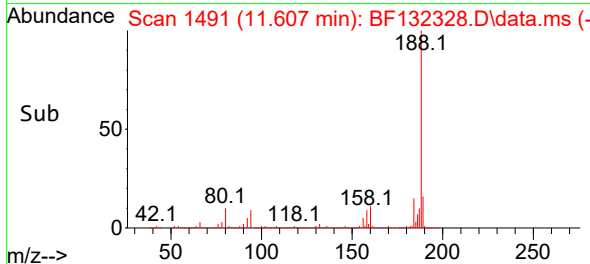
Instrument :
BNA_F
ClientSampleId :
B-01-SB01



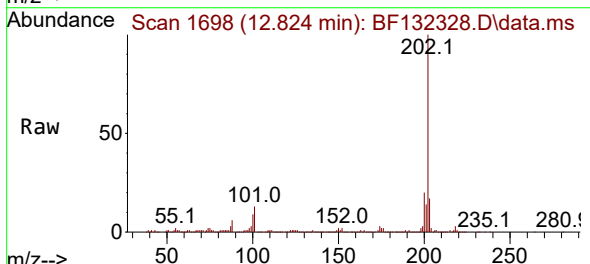
Tgt Ion:188 Resp: 798370
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 9.6 8.3 12.5

Manual Integrations
APPROVED

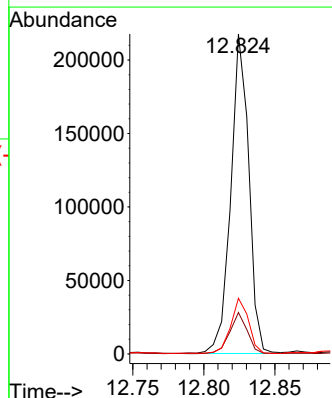
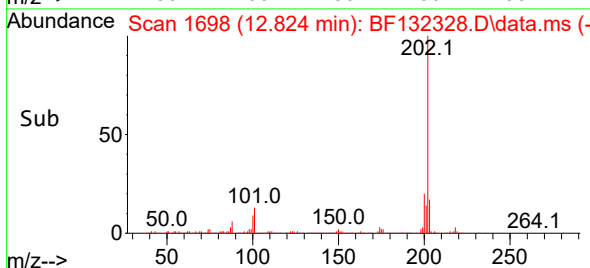
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

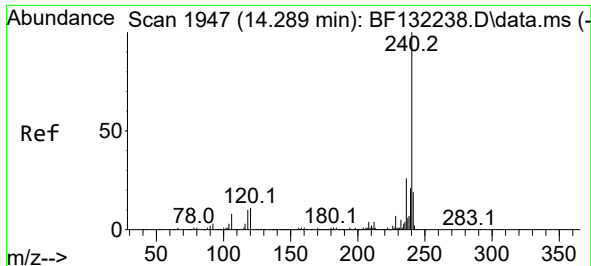


#75
Fluoranthene
Concen: 4.495 ng
RT: 12.824 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BF132328.D
Acq: 03 Feb 2023 18:35



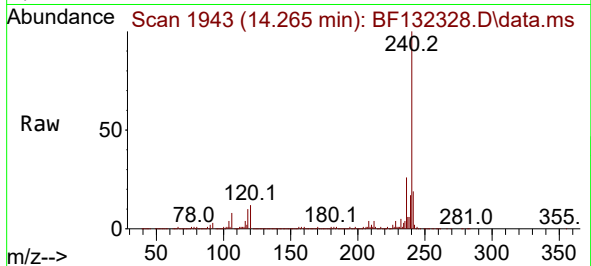
Tgt Ion:202 Resp: 191356
Ion Ratio Lower Upper
202 100
101 12.9 0.0 32.7
203 17.4 0.0 37.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.265 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132328.D
Acq: 03 Feb 2023 18:35

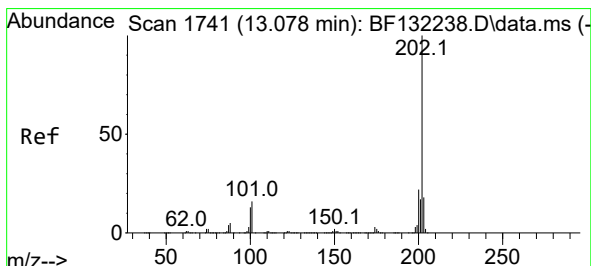
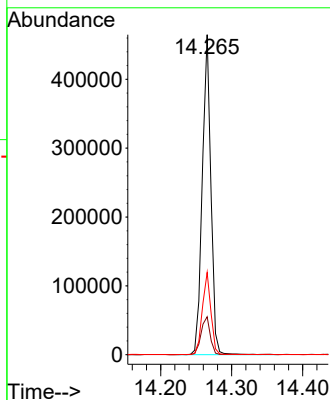
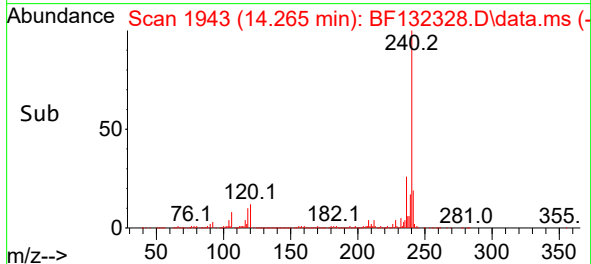
Instrument :
BNA_F
ClientSampleId :
B-01-SB01



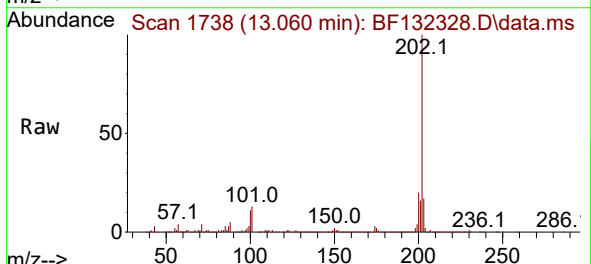
Tgt Ion:240 Resp: 392490
Ion Ratio Lower Upper
240 100
120 11.8 8.8 13.2
236 25.7 21.0 31.6

Manual Integrations
APPROVED

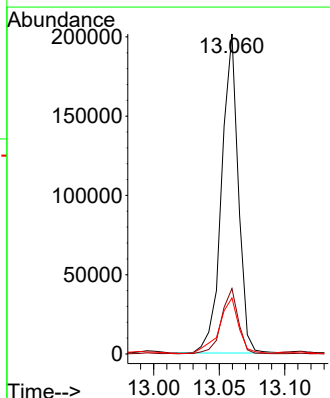
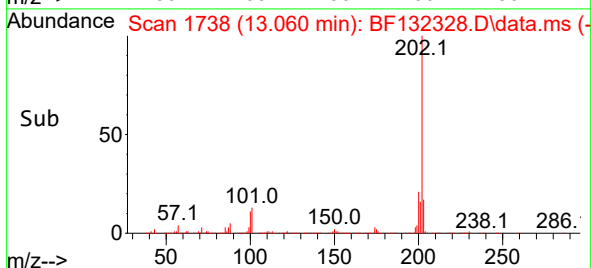
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

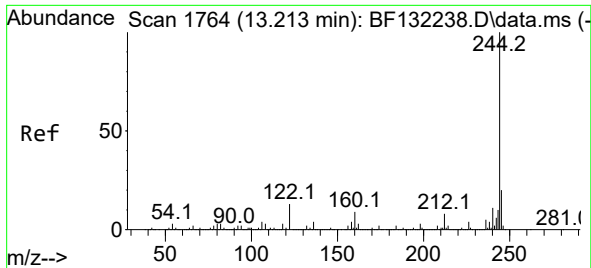


#78
Pyrene
Concen: 5.625 ng
RT: 13.060 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BF132328.D
Acq: 03 Feb 2023 18:35



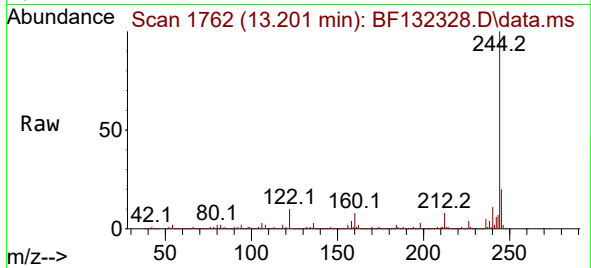
Tgt Ion:202 Resp: 177583
Ion Ratio Lower Upper
202 100
200 20.4 17.3 25.9
203 17.5 14.4 21.6





#79
 Terphenyl-d14
 Concen: 75.222 ng
 RT: 13.201 min Scan# 1762
 Delta R.T. -0.000 min
 Lab File: BF132328.D
 Acq: 03 Feb 2023 18:35

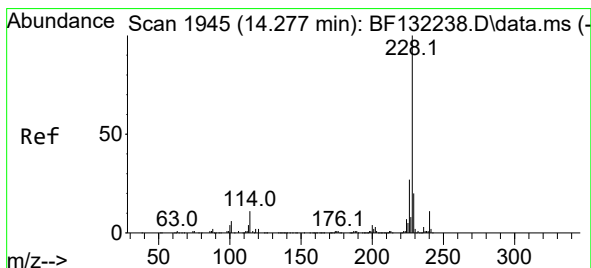
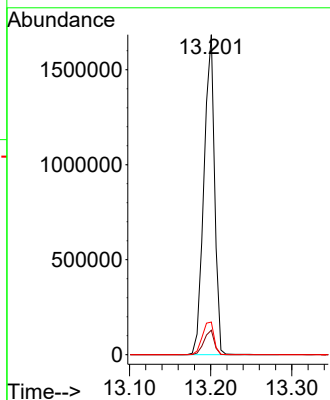
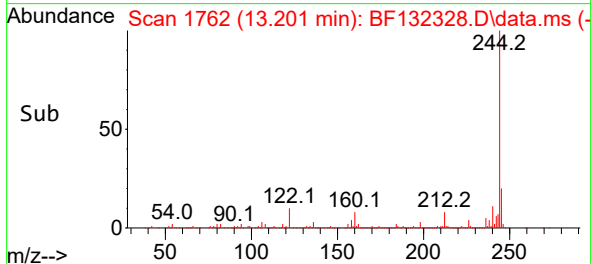
Instrument :
 BNA_F
 ClientSampleId :
 B-01-SB01



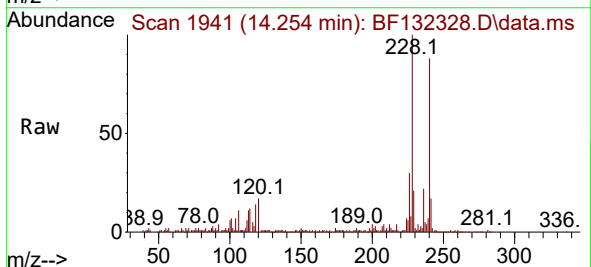
Tgt Ion:244 Resp: 1526278
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 10.2 10.5 15.7

Manual Integrations
 APPROVED

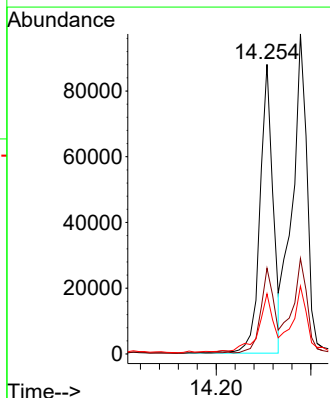
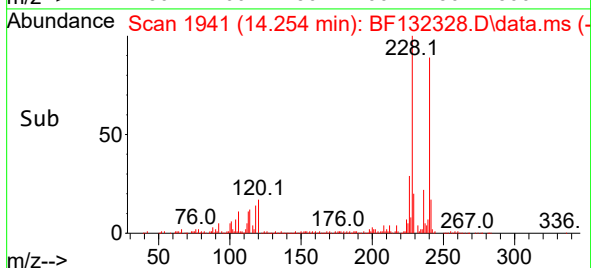
Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023

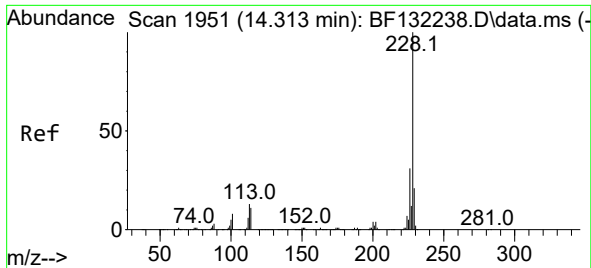


#81
 Benzo(a)anthracene
 Concen: 3.075 ng
 RT: 14.254 min Scan# 1941
 Delta R.T. -0.006 min
 Lab File: BF132328.D
 Acq: 03 Feb 2023 18:35



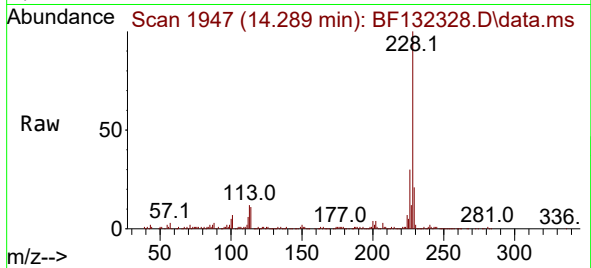
Tgt Ion:228 Resp: 84423
 Ion Ratio Lower Upper
 228 100
 226 29.6 22.0 33.0
 229 20.8 15.8 23.6





#83
Chrysene
Concen: 4.105 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BF132328.D
Acq: 03 Feb 2023 18:35

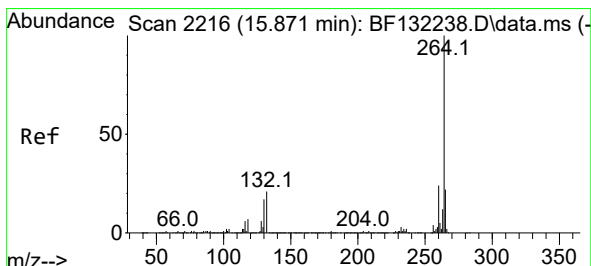
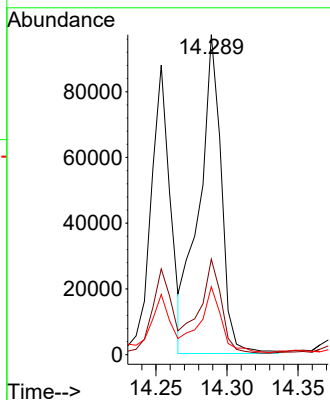
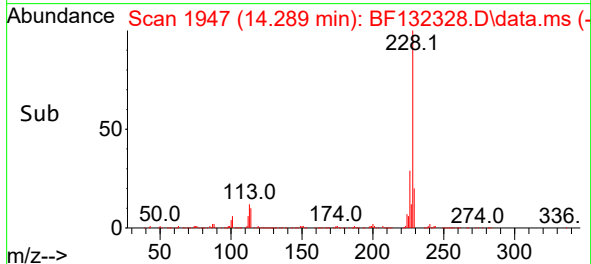
Instrument :
BNA_F
ClientSampleId :
B-01-SB01



Tgt Ion:228 Resp: 105518
Ion Ratio Lower Upper
228 100
226 29.9 24.9 37.3
229 21.2 16.4 24.6

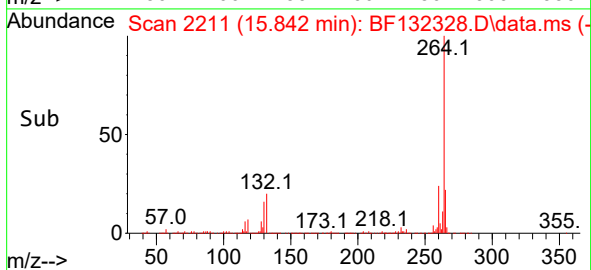
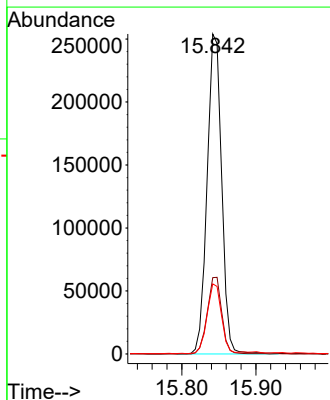
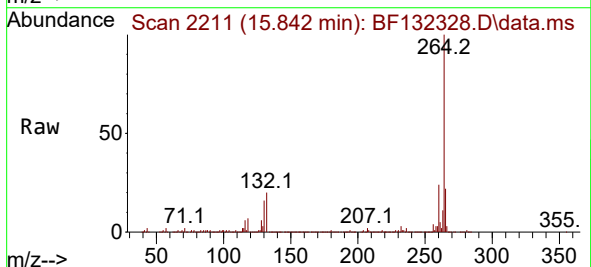
Manual Integrations
APPROVED

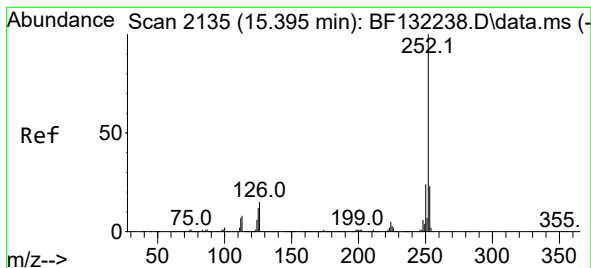
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.842 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF132328.D
Acq: 03 Feb 2023 18:35

Tgt Ion:264 Resp: 346134
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 21.9 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 5.357 ng m

RT: 15.365 min Scan# 2130

Delta R.T. -0.012 min

Lab File: BF132328.D

Acq: 03 Feb 2023 18:35

Instrument :

BNA_F

ClientSampleId :

B-01-SB01

Tgt Ion:252 Resp: 117870

Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

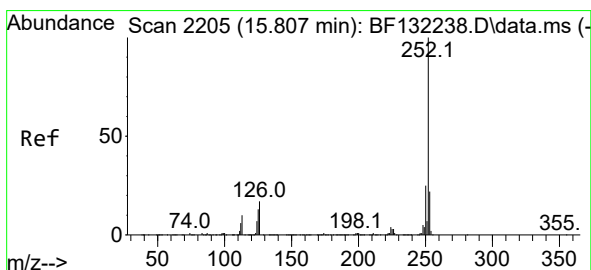
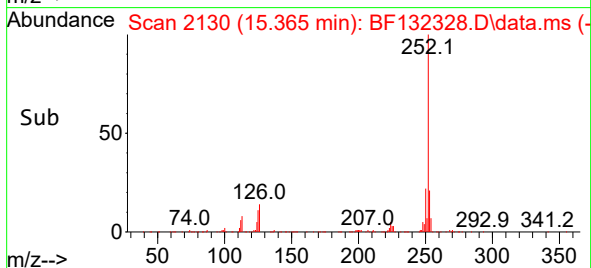
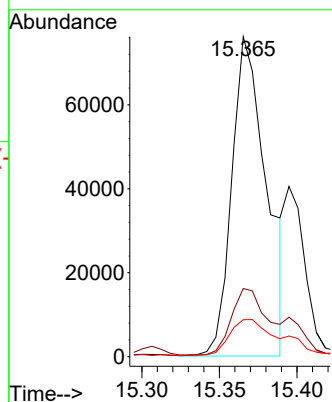
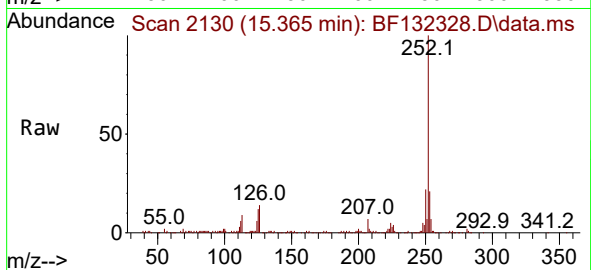
125 11.5 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#90

Benzo(a)pyrene

Concen: 2.546 ng

RT: 15.771 min Scan# 2199

Delta R.T. -0.018 min

Lab File: BF132328.D

Acq: 03 Feb 2023 18:35

Tgt Ion:252 Resp: 52159

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 12.9 10.2 15.4

