

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132352.D
 Acq On : 07 Feb 2023 19:15
 Operator : CG\JU
 Sample : 01464-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/08/2023
 Supervised By : Jagrut Upadhyay 02/08/2023

Quant Time: Feb 08 04:01:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	152521	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	583873	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	303694	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	553041	20.000	ng	0.00
76) Chrysene-d12	14.254	240	306169	20.000	ng	-0.01
86) Perylene-d12	15.830	264	341708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	979795	103.259	ng	0.00
7) Phenol-d6	6.666	99	1174625	100.411	ng	0.00
23) Nitrobenzene-d5	7.613	82	698560	66.578	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	372858	119.388	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1355759	68.939	ng	0.00
79) Terphenyl-d14	13.189	244	1397199	88.277	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.619	178	68642	2.375	ng	98
75) Fluoranthene	12.819	202	112918	3.829	ng	98
78) Pyrene	13.048	202	127062	5.160	ng	98
81) Benzo(a)anthracene	14.242	228	50951	2.379	ng	95
83) Chrysene	14.277	228	46420	2.315	ng	100
88) Benzo(b)fluoranthene	15.354	252	62096m	2.859	ng	
90) Benzo(a)pyrene	15.760	252	45208	2.235	ng	99

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

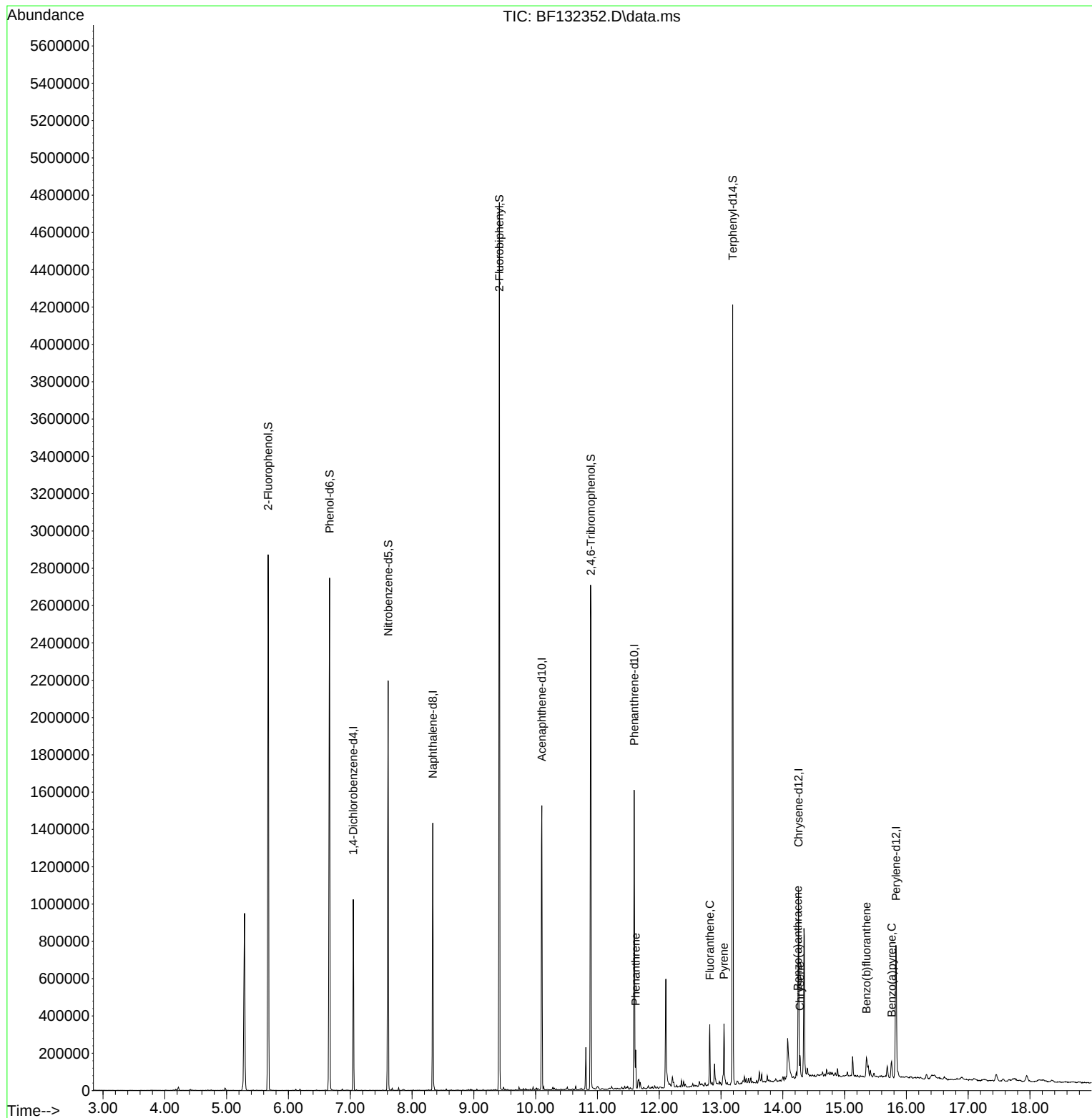
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
Data File : BF132352.D
Acq On : 07 Feb 2023 19:15
Operator : CG\JU
Sample : 01464-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

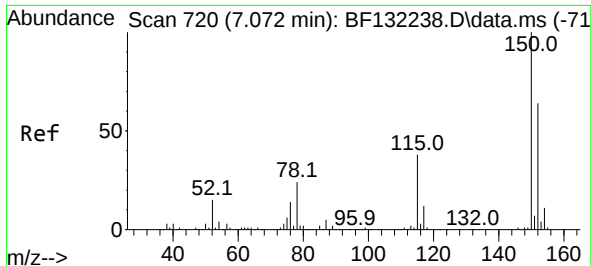
Instrument :
BNA_F
ClientSampleId :
COMP-8

Quant Time: Feb 08 04:01:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:05:36 2023
Response via : Initial Calibration

Manual Integrations
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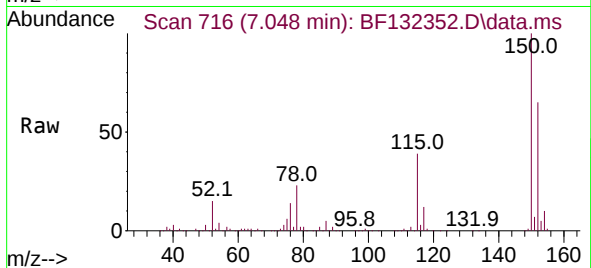
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15

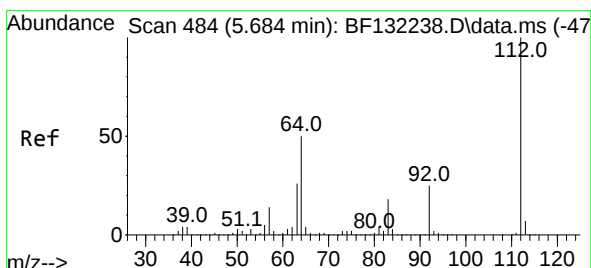
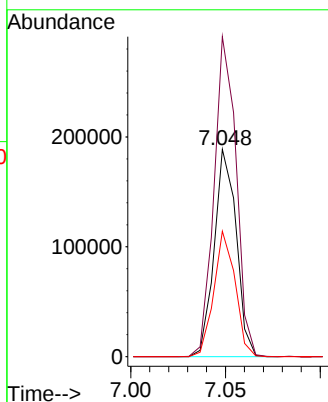
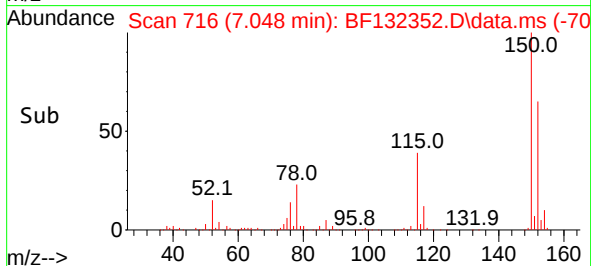
Instrument :
BNA_F
ClientSampleId :
COMP-8



Tgt Ion:152 Resp: 152521
Ion Ratio Lower Upper
152 100
150 154.4 124.2 186.2
115 60.5 47.3 70.9

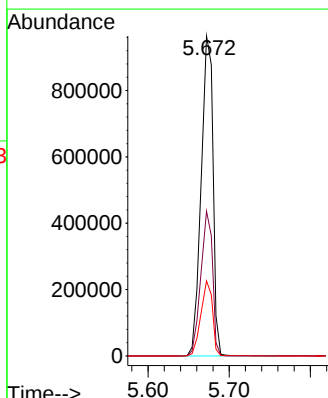
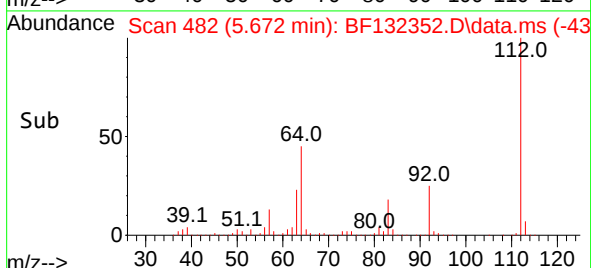
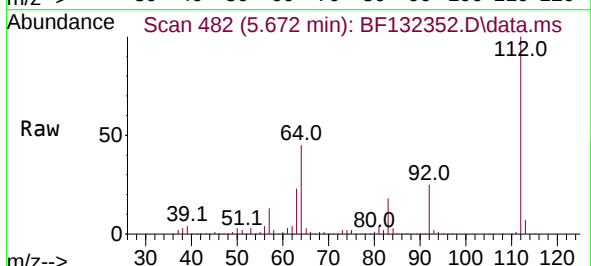
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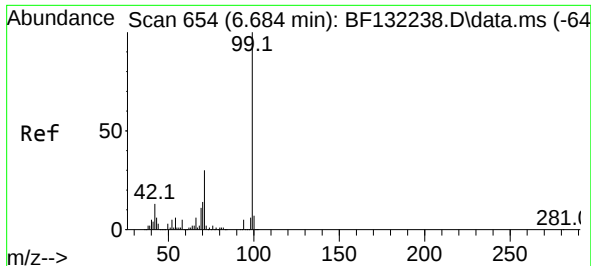
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#5
2-Fluorophenol
Concen: 103.259 ng
RT: 5.672 min Scan# 482
Delta R.T. 0.006 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15

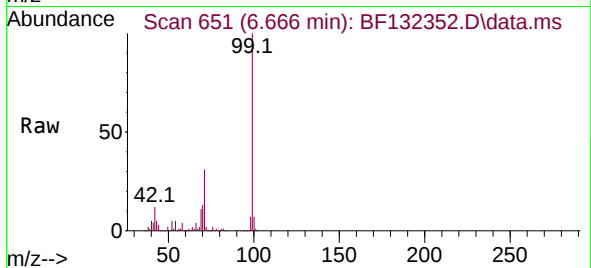
Tgt Ion:112 Resp: 979795
Ion Ratio Lower Upper
112 100
64 45.2 40.0 60.0
63 23.4 20.5 30.7





#7
Phenol-d6
Concen: 100.411 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15

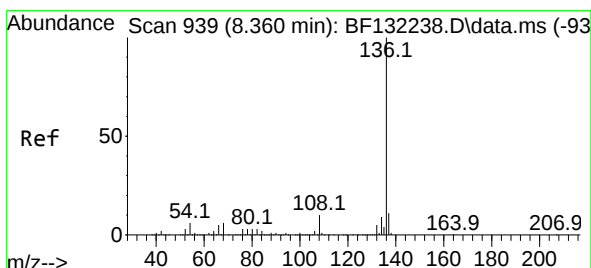
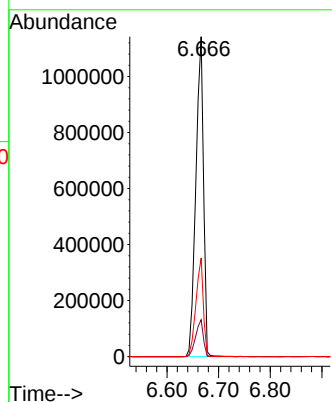
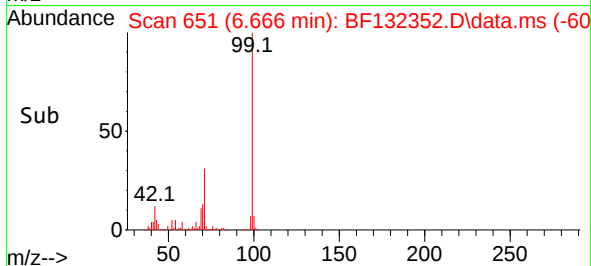
Instrument :
BNA_F
ClientSampleId :
COMP-8



Tgt Ion: 99 Resp: 1174625
Ion Ratio Lower Upper
99 100
42 11.6 10.1 15.1
71 30.8 24.2 36.4

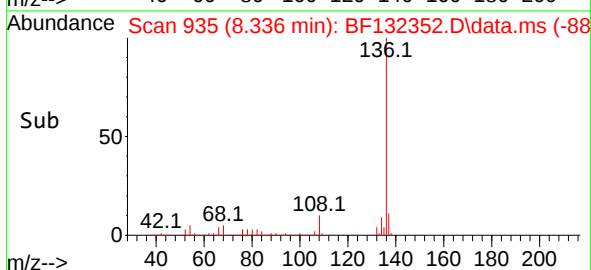
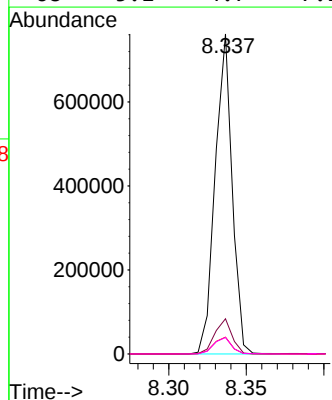
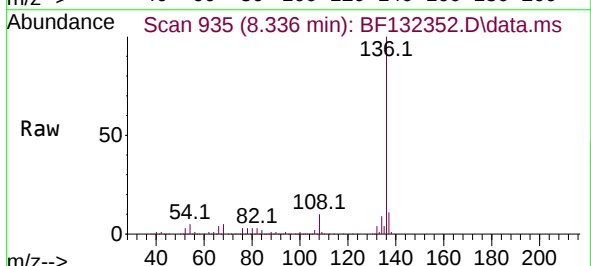
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15

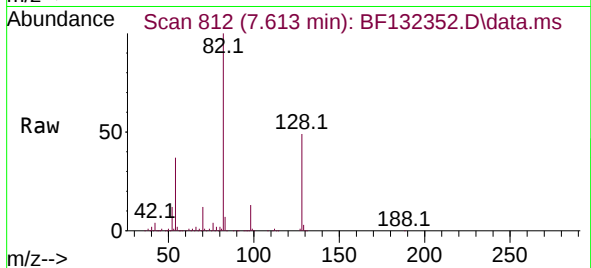
Tgt Ion:136 Resp: 583873
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.2 4.9 7.3
68 5.1 4.7 7.1





#23
Nitrobenzene-d5
Concen: 66.578 ng
RT: 7.613 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15

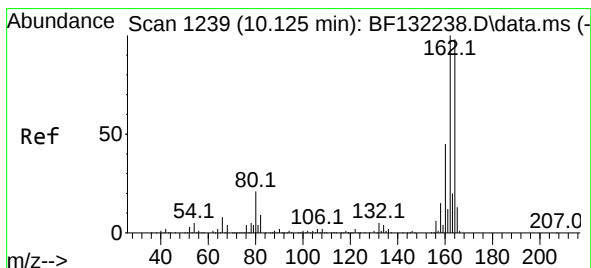
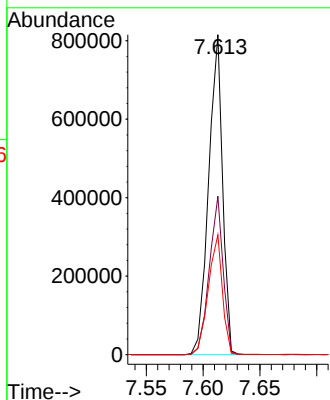
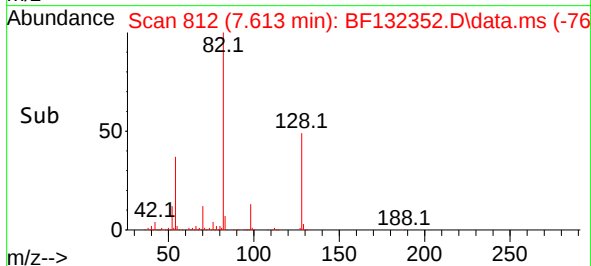
Instrument :
BNA_F
ClientSampleId :
COMP-8



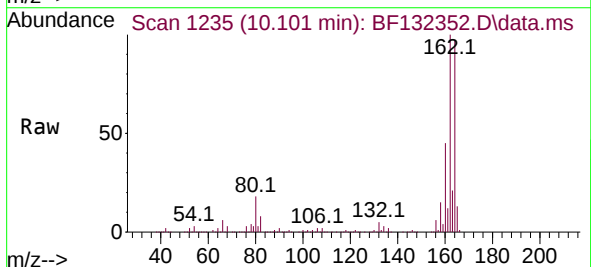
Tgt Ion: 82 Resp: 698560
Ion Ratio Lower Upper
82 100
128 49.5 37.0 55.4
54 37.4 31.5 47.3

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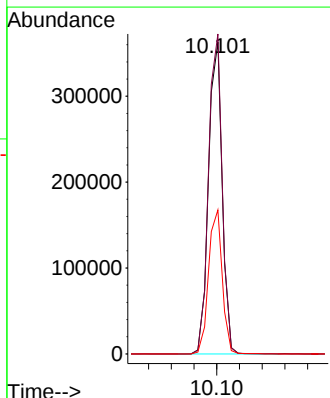
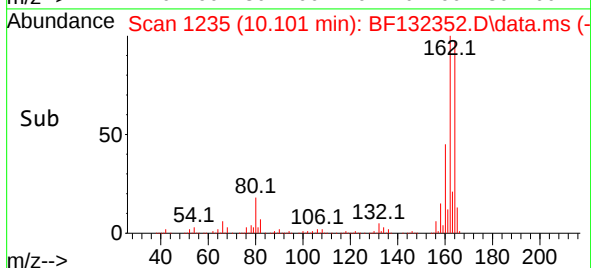
Reviewed By :Christian Giraldo 02/08/2023
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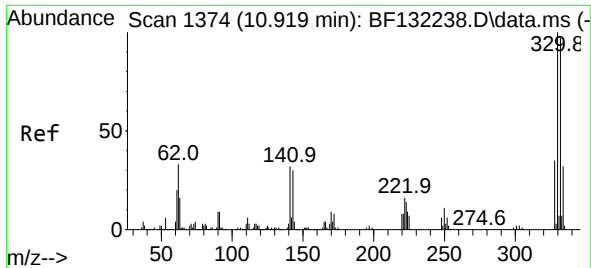


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15



Tgt Ion:164 Resp: 303694
Ion Ratio Lower Upper
164 100
162 102.7 82.0 123.0
160 46.2 37.1 55.7





#42
2,4,6-Tribromophenol
Concen: 119.388 ng
RT: 10.895 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15

Instrument :

BNA_F

ClientSampleId :

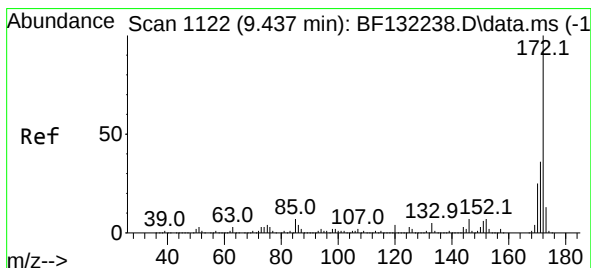
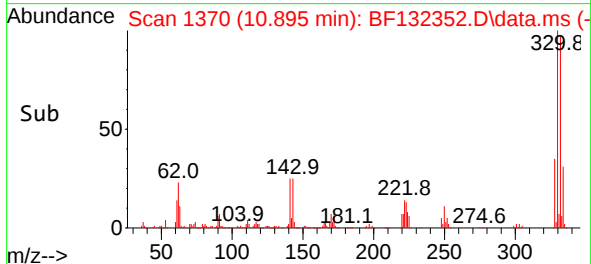
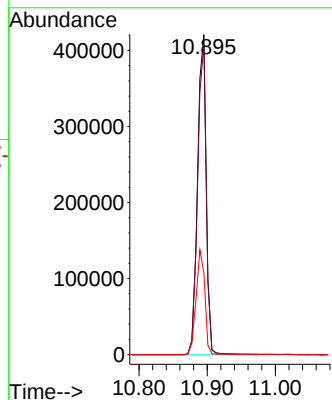
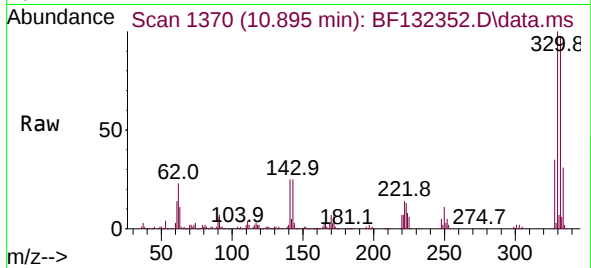
COMP-8

Tgt Ion:330 Resp: 372858
Ion Ratio Lower Upper
330 100
332 96.7 77.9 116.9
141 33.0 31.0 46.4

Manual Integrations

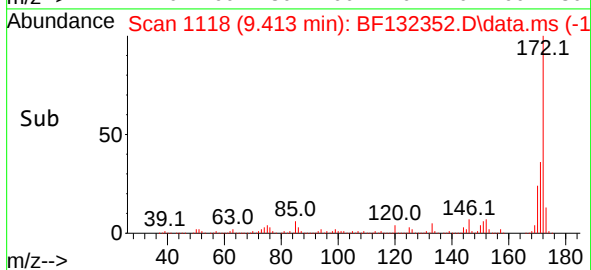
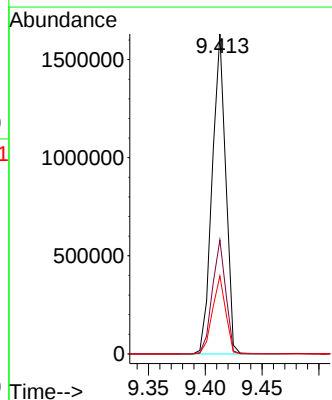
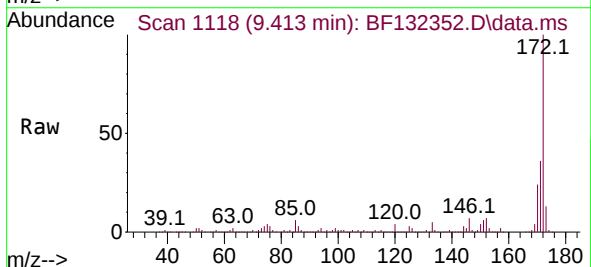
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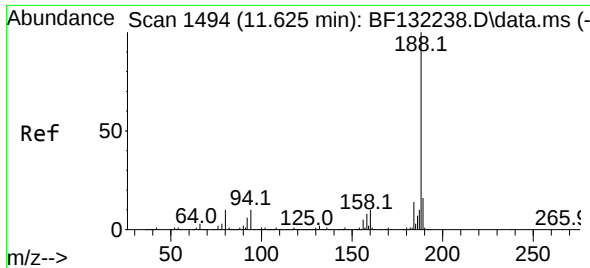
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#45
2-Fluorobiphenyl
Concen: 68.939 ng
RT: 9.413 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15

Tgt Ion:172 Resp: 1355759
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.4 19.7 29.5





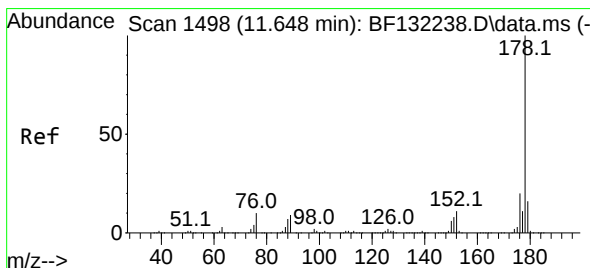
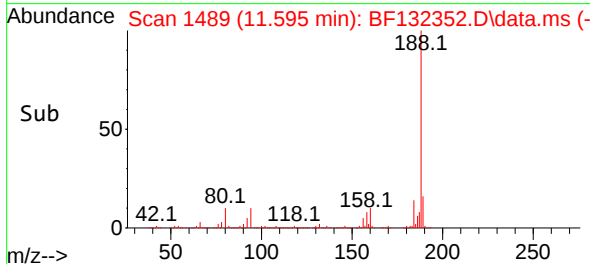
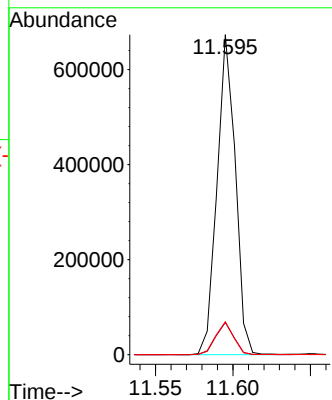
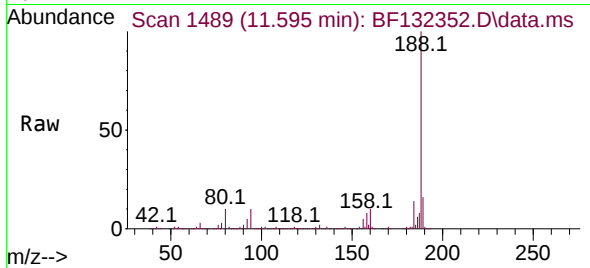
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15

Instrument :
BNA_F
ClientSampleId :
COMP-8

Tgt Ion:188 Resp: 55304
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.3 8.3 12.5

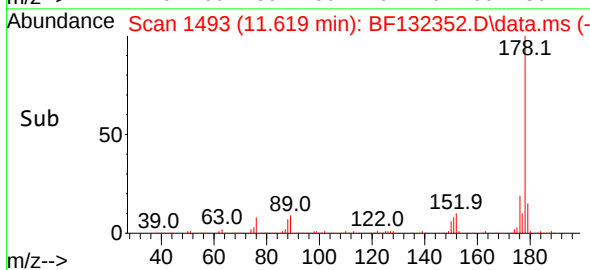
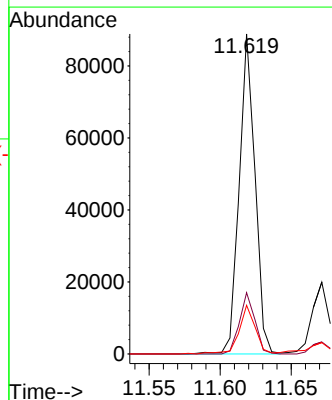
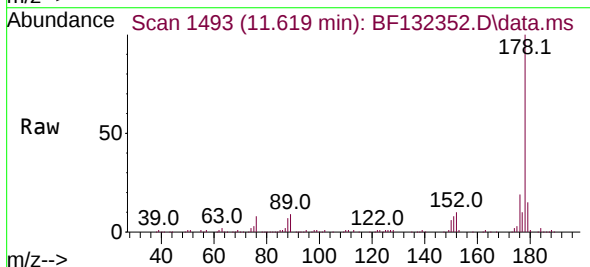
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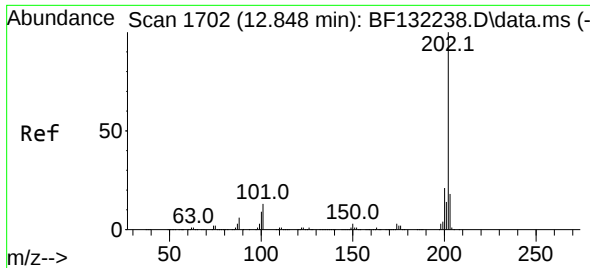
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#71
Phenanthrene
Concen: 2.375 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15

Tgt Ion:178 Resp: 68642
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.4
179 15.2 12.8 19.2





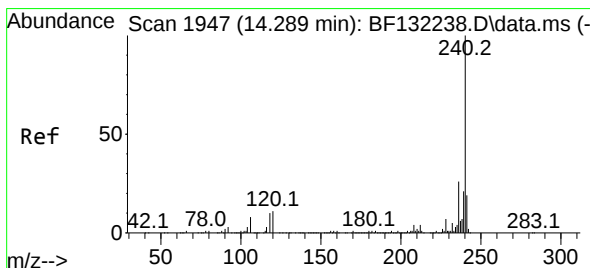
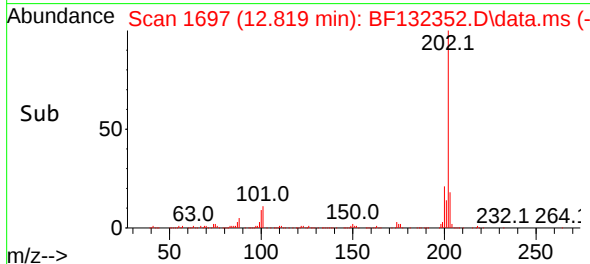
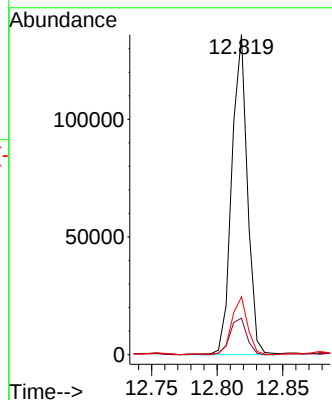
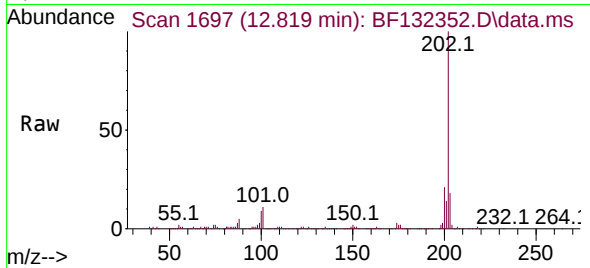
#75
Fluoranthene
Concen: 3.829 ng
RT: 12.819 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15

Instrument :
BNA_F
ClientSampleId :
COMP-8

Tgt Ion:202 Resp: 112918
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.7
203 18.1 0.0 37.9

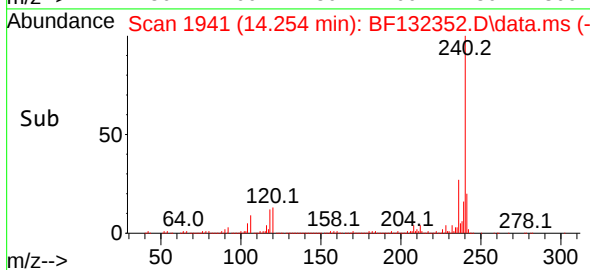
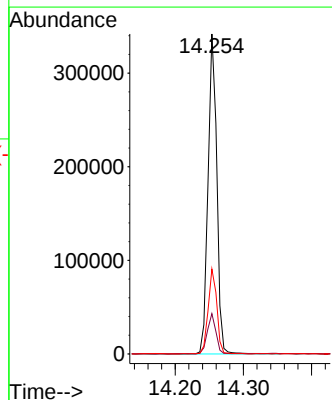
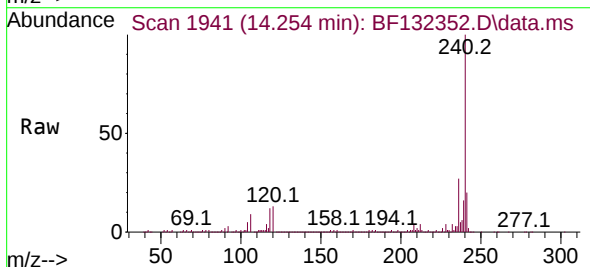
Manual Integrations
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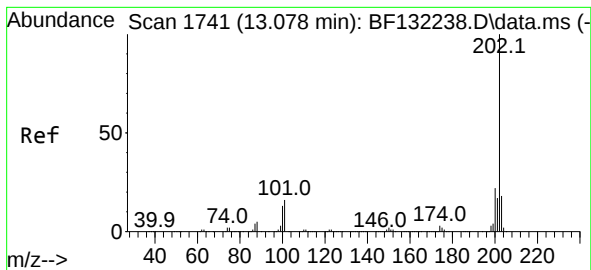
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15

Tgt Ion:240 Resp: 306169
Ion Ratio Lower Upper
240 100
120 12.6 8.8 13.2
236 26.5 21.0 31.6





#78

Pyrene

Concen: 5.160 ng

RT: 13.048 min Scan# 1736

Delta R.T. -0.012 min

Lab File: BF132352.D

Acq: 07 Feb 2023 19:15

Instrument :

BNA_F

ClientSampleId :

COMP-8

Tgt Ion:202 Resp: 127062

Ion Ratio Lower Upper

202 100

200 20.4 17.3 25.9

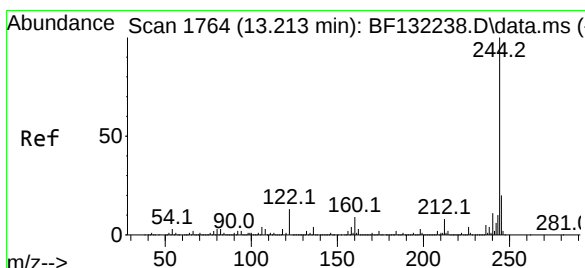
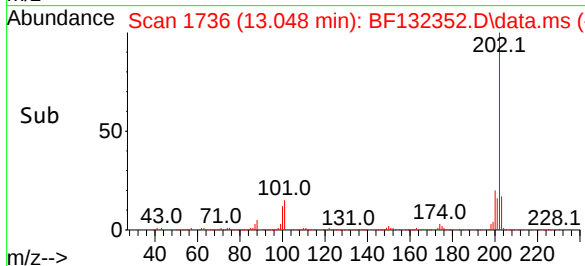
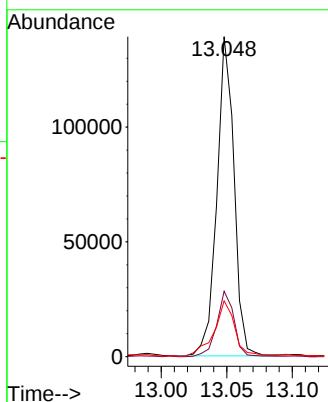
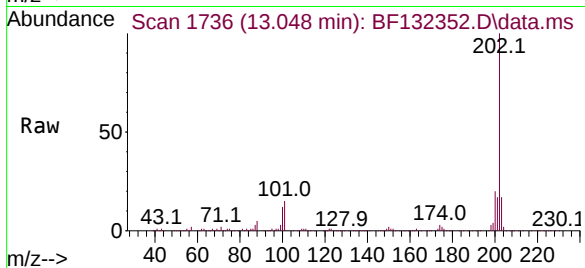
203 17.4 14.4 21.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/08/2023

Supervised By :Jagrut Upadhyay 02/08/2023



#79

Terphenyl-d14

Concen: 88.277 ng

RT: 13.189 min Scan# 1760

Delta R.T. -0.006 min

Lab File: BF132352.D

Acq: 07 Feb 2023 19:15

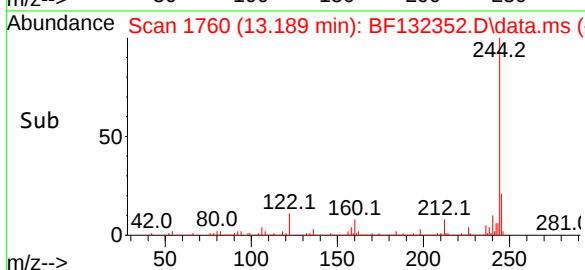
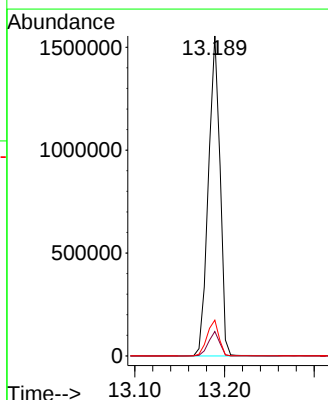
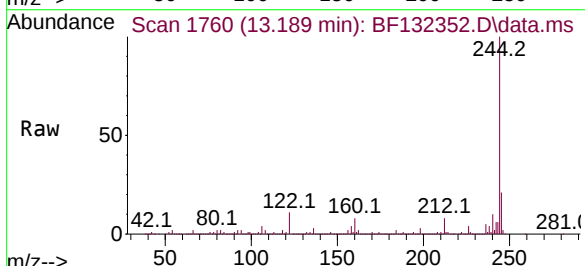
Tgt Ion:244 Resp: 1397199

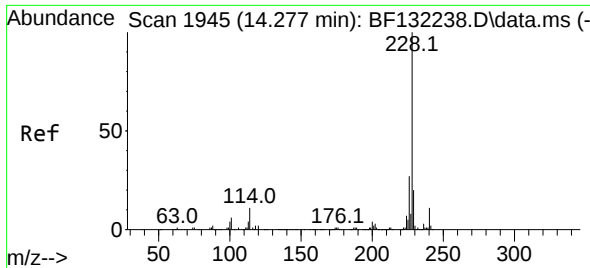
Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

122 11.2 10.5 15.7





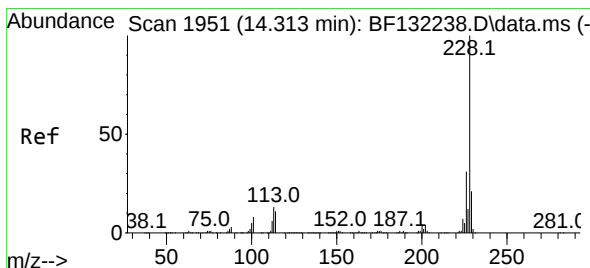
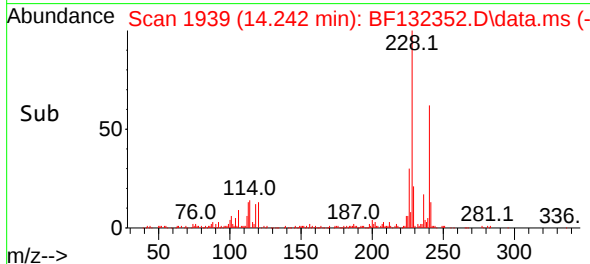
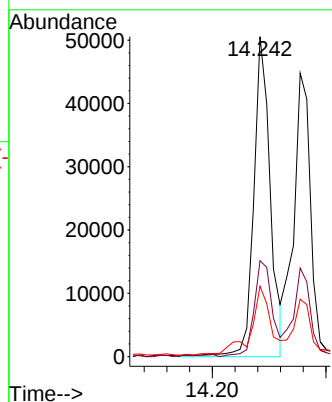
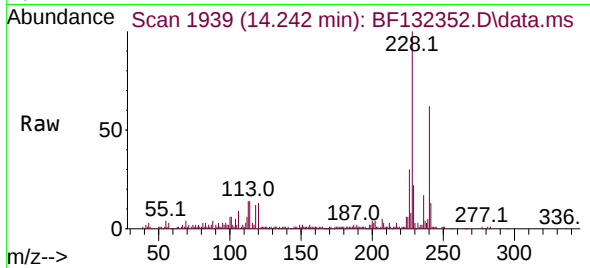
#81
Benzo(a)anthracene
Concen: 2.379 ng
RT: 14.242 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15

Instrument :
BNA_F
ClientSampleId :
COMP-8

Tgt Ion:228 Resp: 50951
Ion Ratio Lower Upper
228 100
226 30.0 22.0 33.0
229 22.0 15.8 23.6

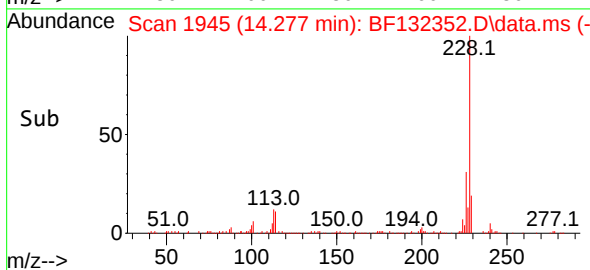
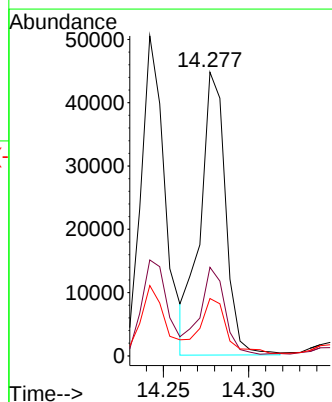
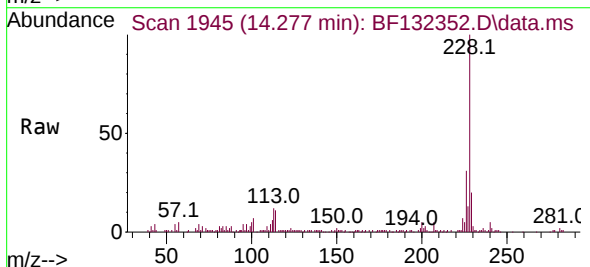
Manual Integrations
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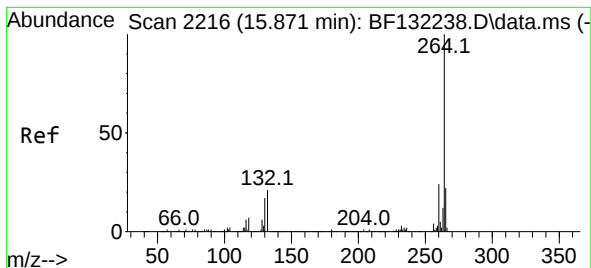
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#83
Chrysene
Concen: 2.315 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15

Tgt Ion:228 Resp: 46420
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 20.3 16.4 24.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.830 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF132352.D

Acq: 07 Feb 2023 19:15

Instrument :

BNA_F

ClientSampleId :

COMP-8

Tgt Ion:264 Resp: 341708

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

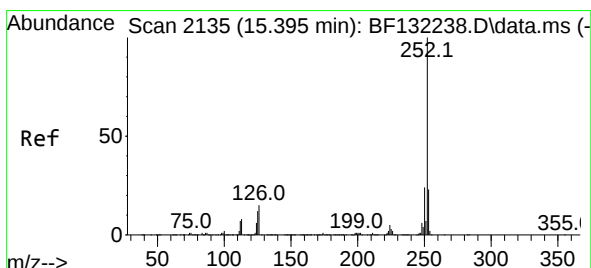
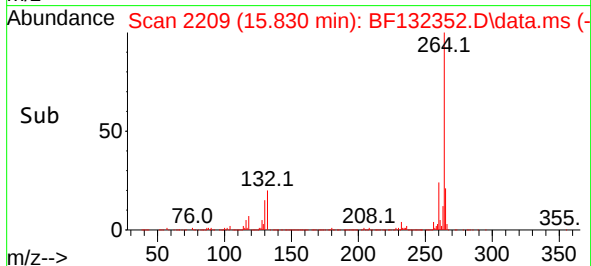
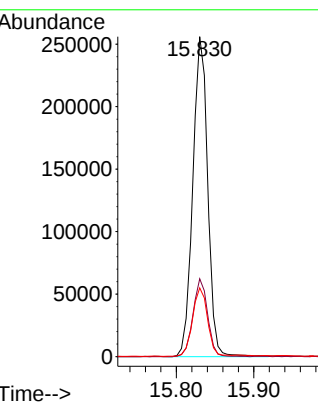
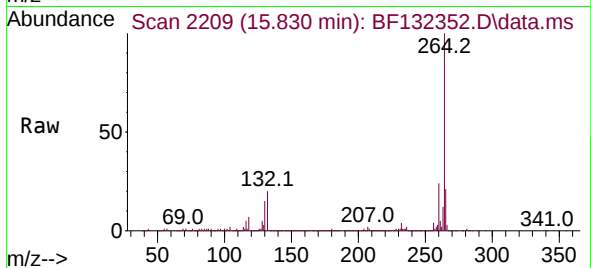
265 21.5 17.4 26.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/08/2023

Supervised By :Jagrut Upadhyay 02/08/2023



#88

Benzo(b)fluoranthene

Concen: 2.859 ng m

RT: 15.354 min Scan# 2128

Delta R.T. -0.012 min

Lab File: BF132352.D

Acq: 07 Feb 2023 19:15

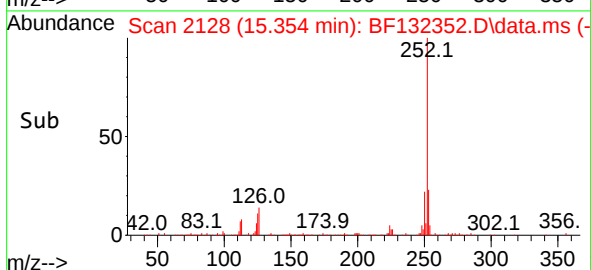
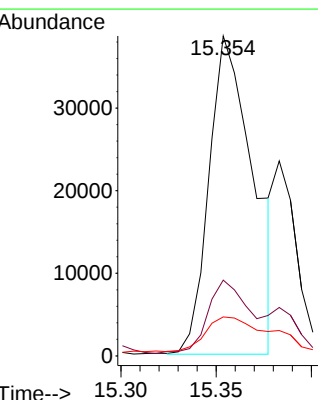
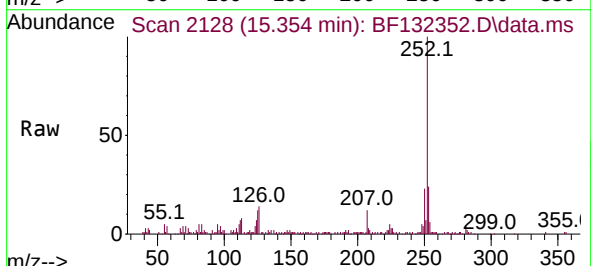
Tgt Ion:252 Resp: 62096

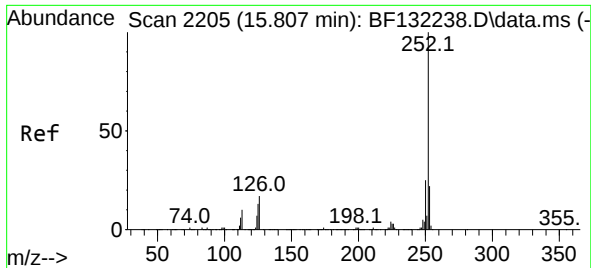
Ion Ratio Lower Upper

252 100

253 23.7 18.1 27.1

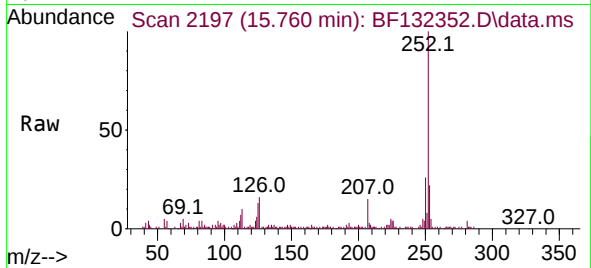
125 12.2 9.6 14.4





#90
Benzo(a)pyrene
Concen: 2.235 ng
RT: 15.760 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF132352.D
Acq: 07 Feb 2023 19:15

Instrument :
BNA_F
ClientSampleId :
COMP-8



Tgt Ion:252 Resp: 45208
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 13.3 10.2 15.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

