

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132910.D
 Acq On : 18 Apr 2023 20:01
 Operator : CG\JU
 Sample : 02371-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 19 03:29:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	247790	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	973539	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	495370	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	874416	20.000	ng	0.00
76) Chrysene-d12	13.916	240	590819	20.000	ng	-0.01
86) Perylene-d12	15.345	264	608315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1138186	71.825	ng	0.00
7) Phenol-d6	6.387	99	1451674	71.790	ng	-0.01
23) Nitrobenzene-d5	7.322	82	880031	47.118	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	320791	64.564	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1585182	49.159	ng	-0.01
79) Terphenyl-d14	12.869	244	1791141	51.722	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.304	178	293320	6.236	ng	98
75) Fluoranthene	12.492	202	401582	8.586	ng	98
78) Pyrene	12.716	202	353297	7.313	ng	98
81) Benzo(a)anthracene	13.904	228	193482	4.815	ng	99
83) Chrysene	13.939	228	164127	4.110	ng	98
88) Benzo(b)fluoranthene	14.933	252	188157m	4.966	ng	
90) Benzo(a)pyrene	15.280	252	126421	3.652	ng	98

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

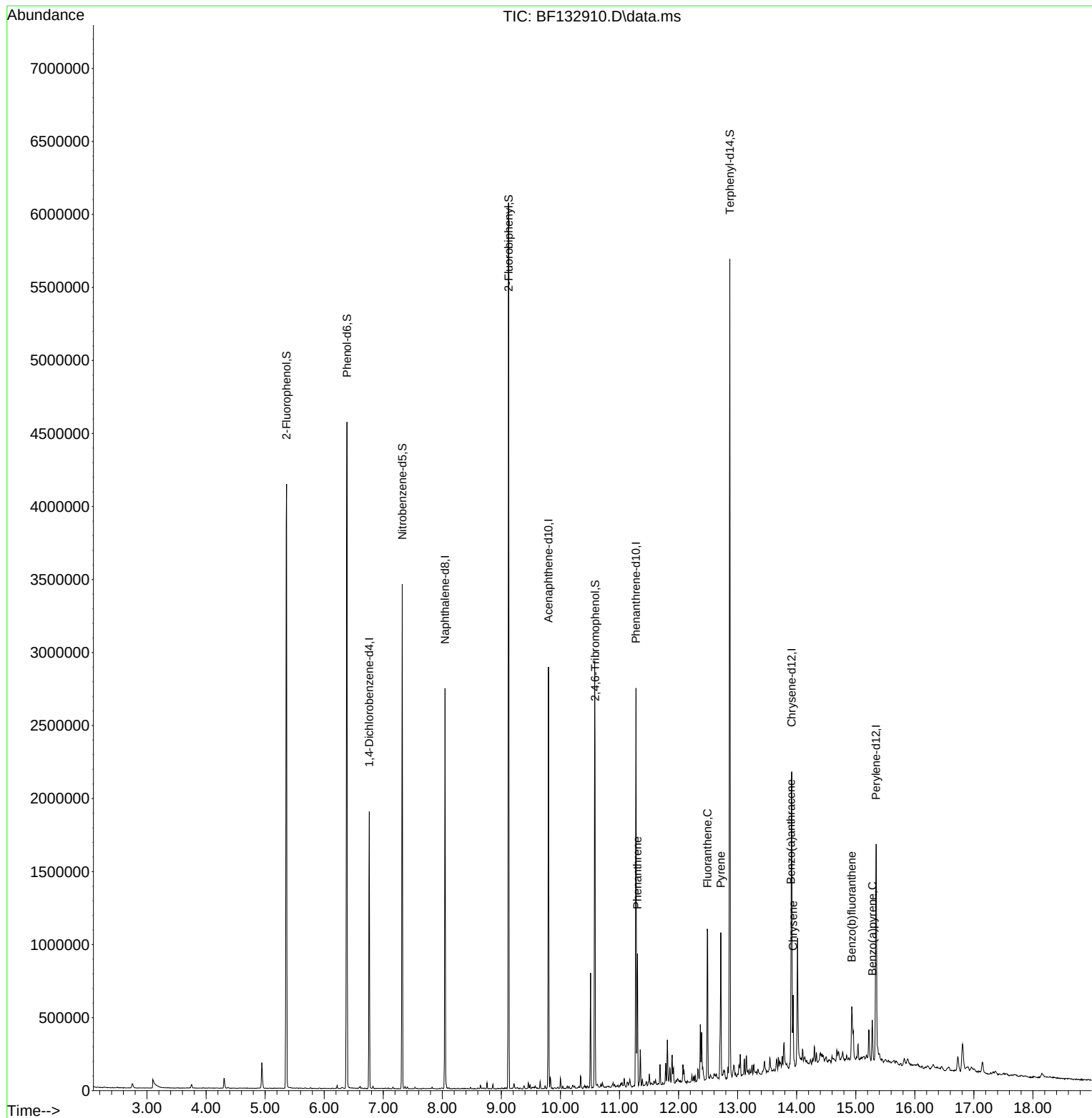
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
Data File : BF132910.D
Acq On : 18 Apr 2023 20:01
Operator : CG\JU
Sample : 02371-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

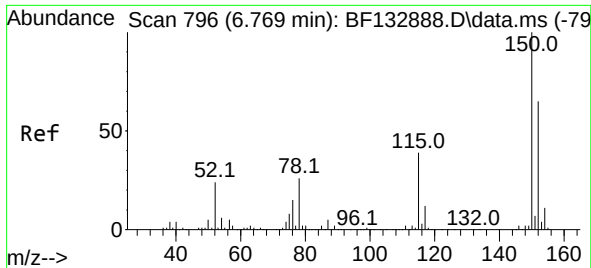
Instrument :
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SB-26-COMP

Quant Time: Apr 19 03:29:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:51:21 2023
Response via : Initial Calibration

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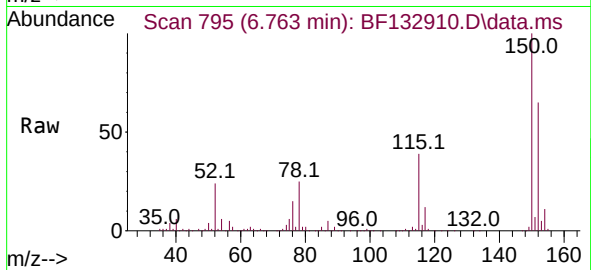
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

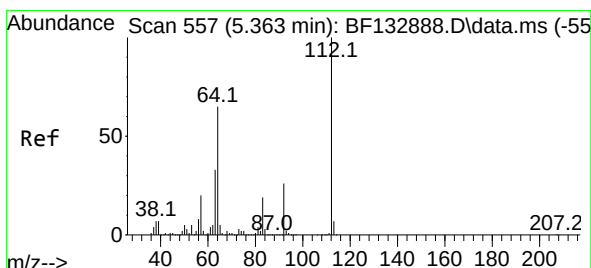
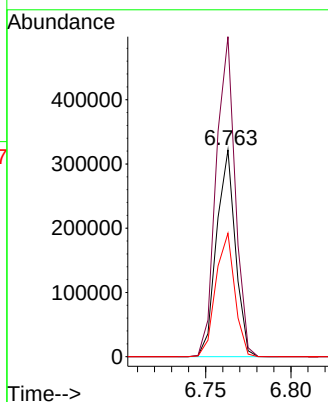
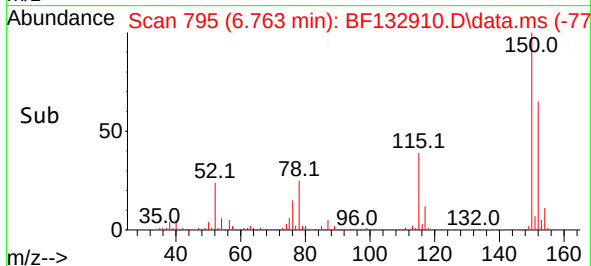
Instrument :
BNA_F
ClientSampleId :
SB-26-COMP



Tgt Ion:152 Resp: 247790
Ion Ratio Lower Upper
152 100
150 154.8 122.8 184.2
115 59.7 47.3 70.9

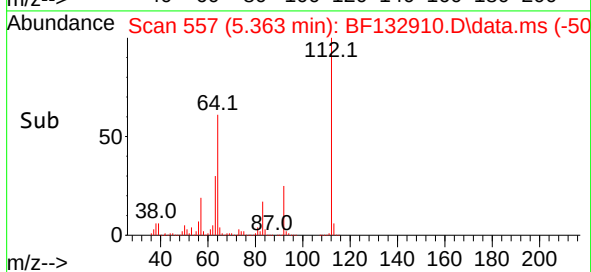
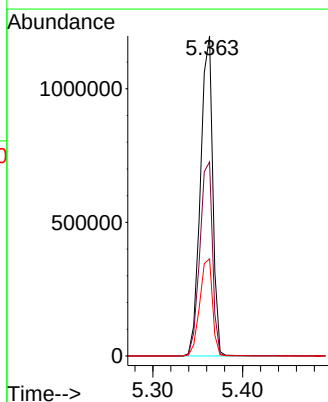
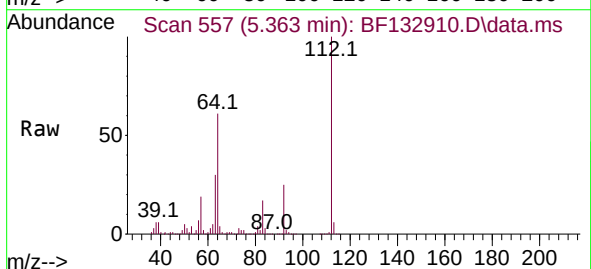
Manual Integrations
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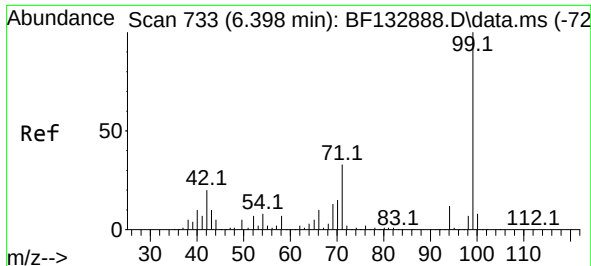
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#5
2-Fluorophenol
Concen: 71.825 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

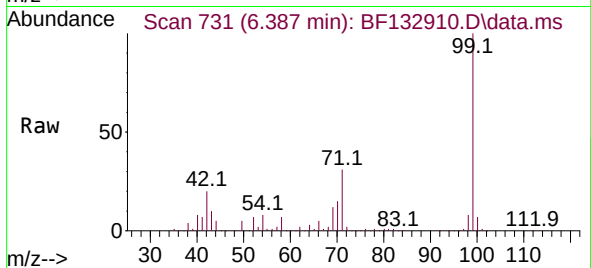
Tgt Ion:112 Resp: 1138186
Ion Ratio Lower Upper
112 100
64 60.7 51.8 77.8
63 30.4 26.3 39.5





#7
Phenol-d6
Concen: 71.790 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

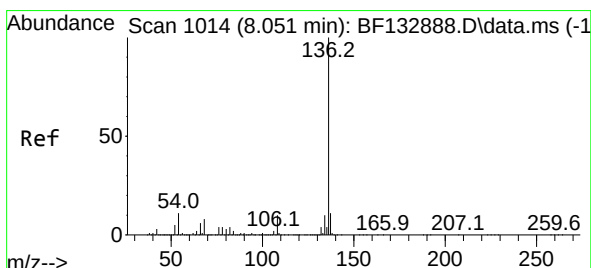
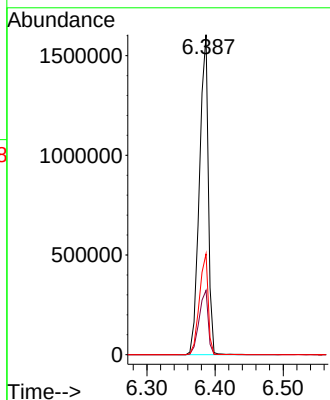
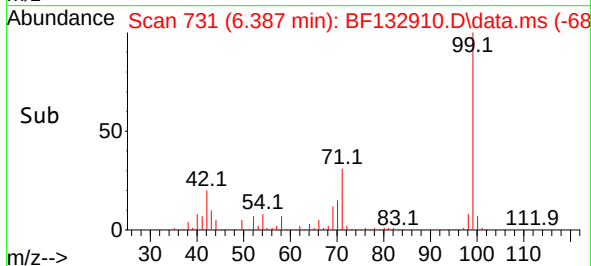
Instrument :
BNA_F
ClientSampleId :
SB-26-COMP



Tgt Ion: 99 Resp: 1451674
Ion Ratio Lower Upper
99 100
42 20.1 16.1 24.1
71 31.5 26.1 39.1

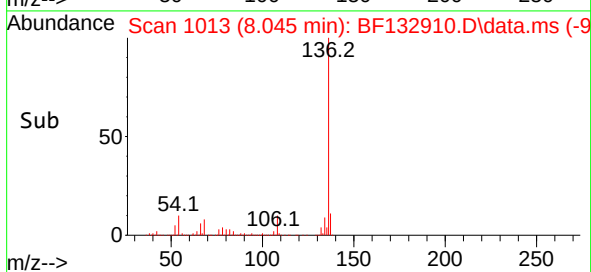
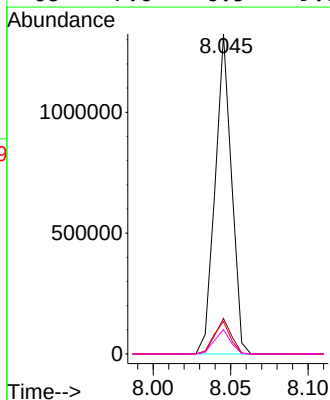
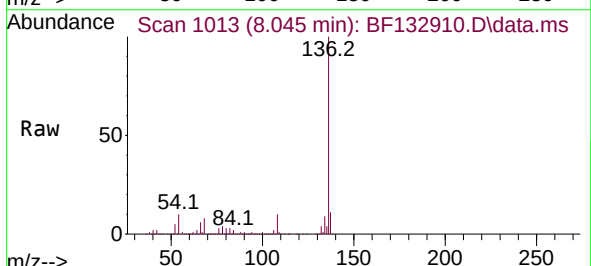
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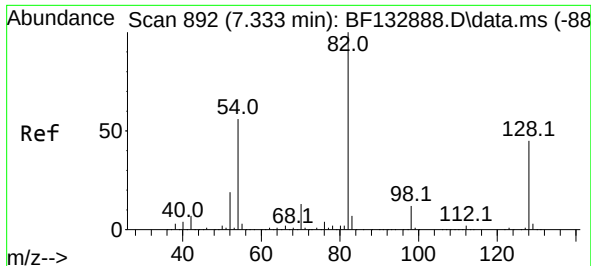
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Tgt Ion:136 Resp: 973539
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 10.2 8.9 13.3
68 7.6 6.5 9.7





#23

Nitrobenzene-d5

Concen: 47.118 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

Tgt Ion: 82 Resp: 88003

Ion Ratio Lower Upper

82 100

128 44.2 35.7 53.5

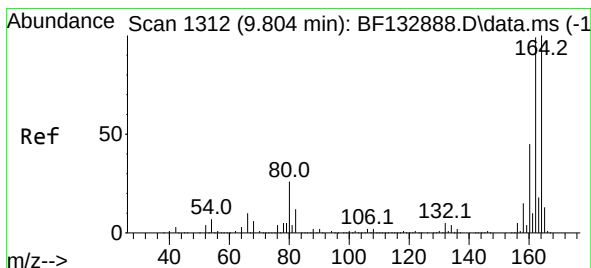
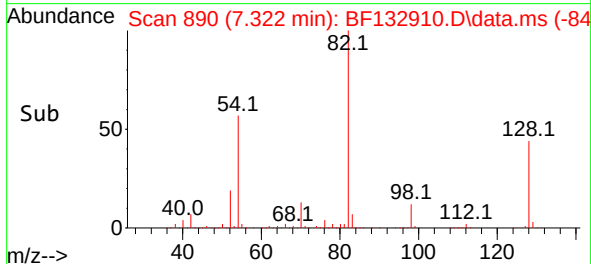
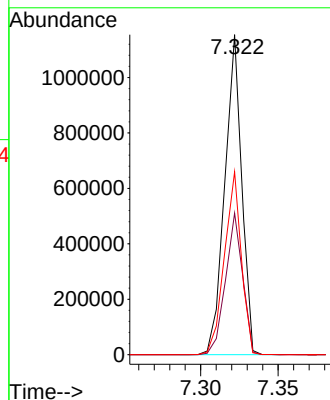
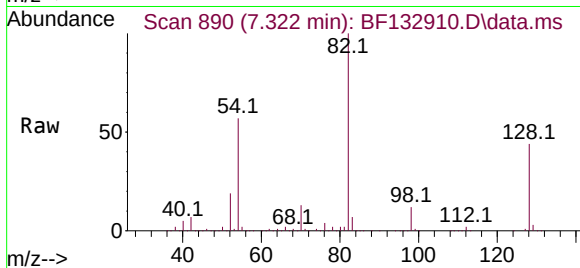
54 57.2 44.7 67.1

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

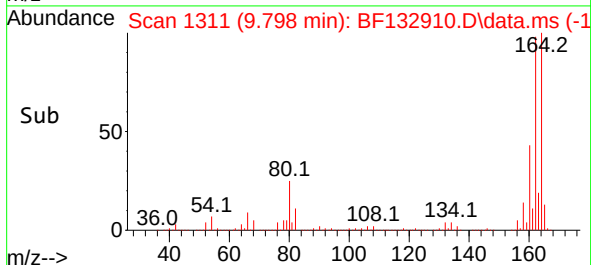
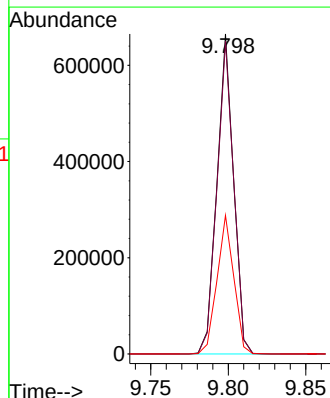
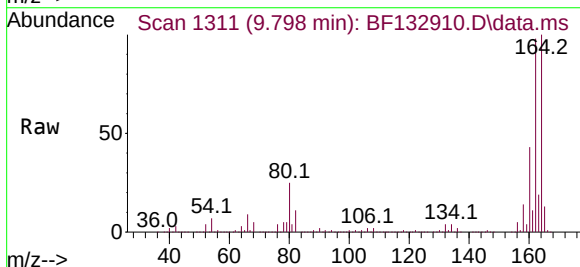
Tgt Ion:164 Resp: 495370

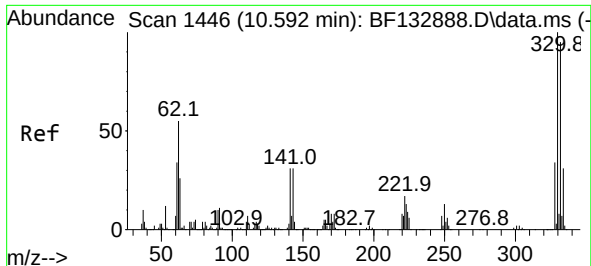
Ion Ratio Lower Upper

164 100

162 97.6 79.1 118.7

160 43.3 35.6 53.4





#42
2,4,6-Tribromophenol
Concen: 64.564 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

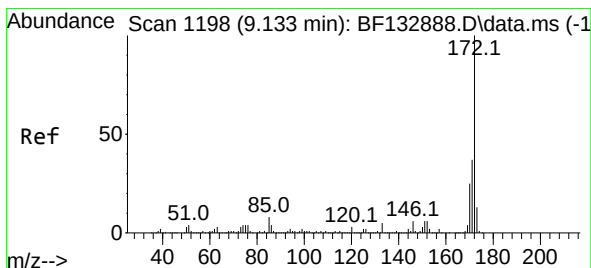
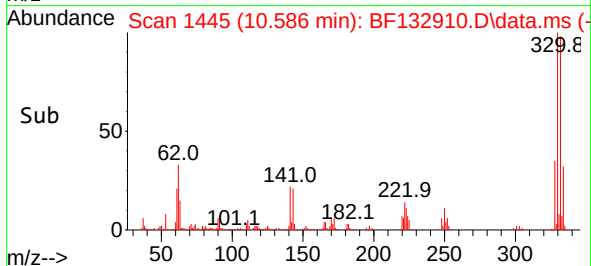
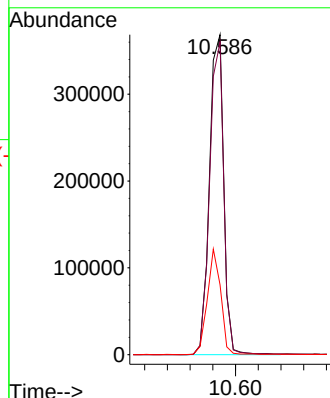
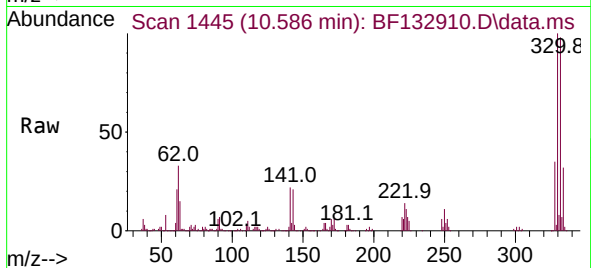
SB-26-COMP

Tgt Ion:330 Resp: 32079
Ion Ratio Lower Upper
330 100
332 97.1 76.3 114.5
141 31.3 23.9 35.9

Manual Integrations

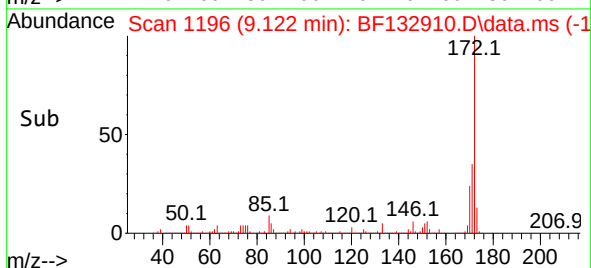
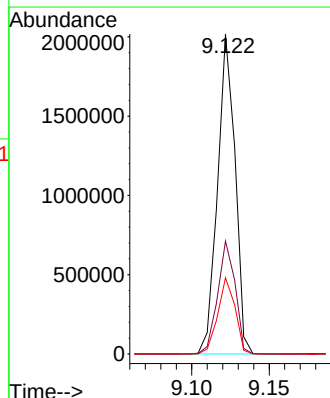
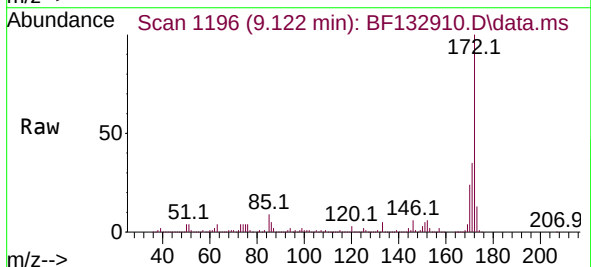
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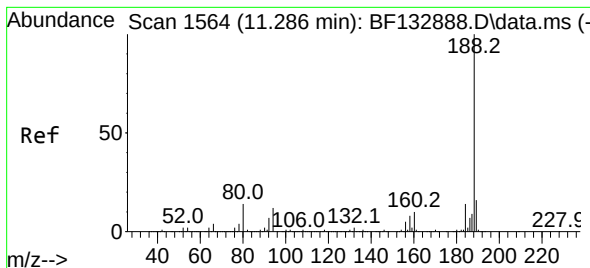
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#45
2-Fluorobiphenyl
Concen: 49.159 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Tgt Ion:172 Resp: 1585182
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 23.8 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1563

Delta R.T. -0.006 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

Tgt Ion:188 Resp: 874410

Ion Ratio Lower Upper

188 100

94 12.2 9.9 14.9

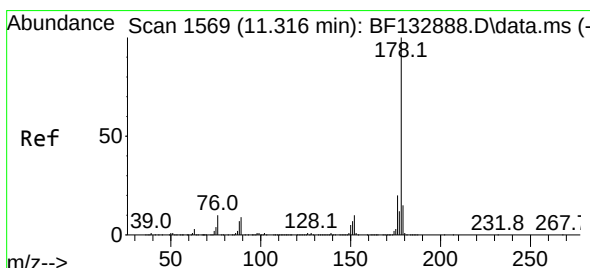
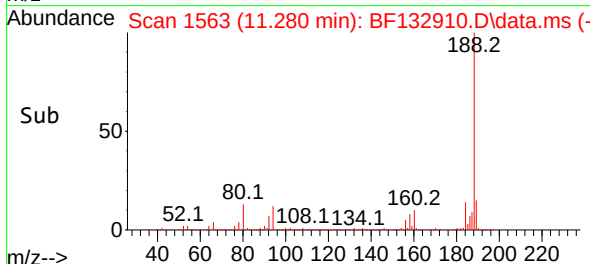
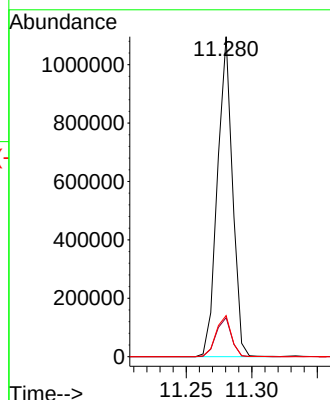
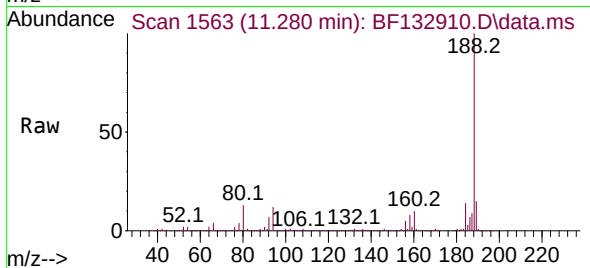
80 12.9 10.8 16.2

Manual Integrations

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Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023



#71

Phenanthrene

Concen: 6.236 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.012 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

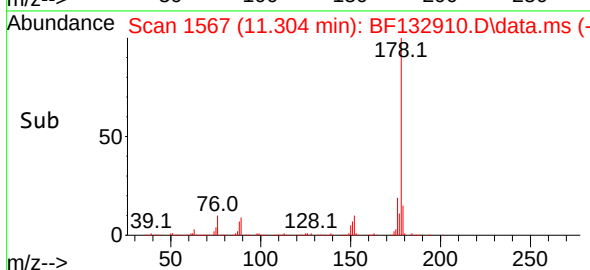
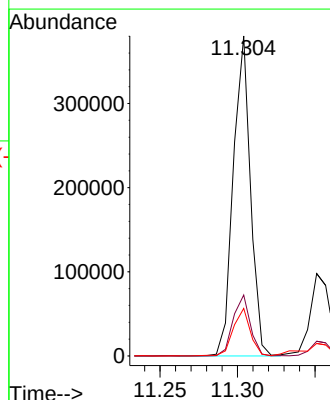
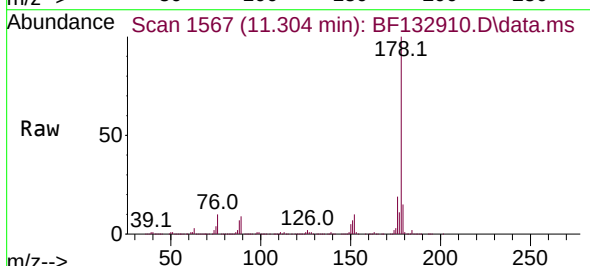
Tgt Ion:178 Resp: 293320

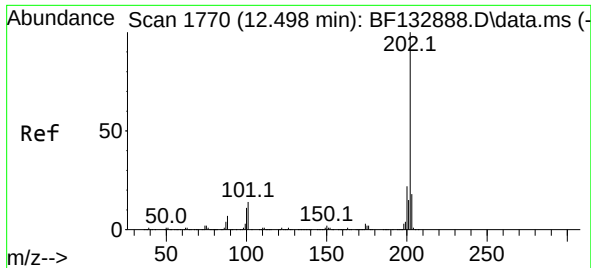
Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

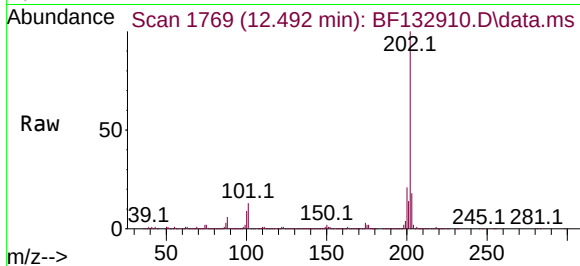
179 14.9 12.3 18.5





#75
Fluoranthene
Concen: 8.586 ng
RT: 12.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

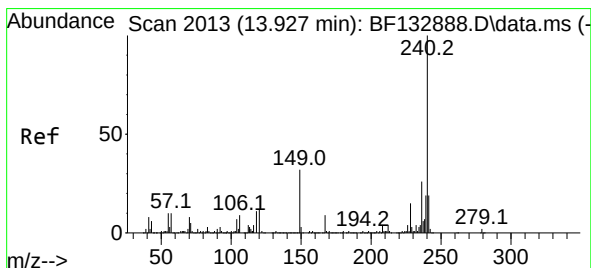
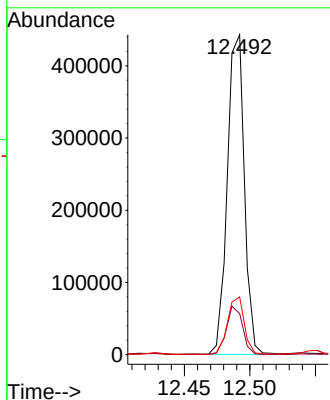
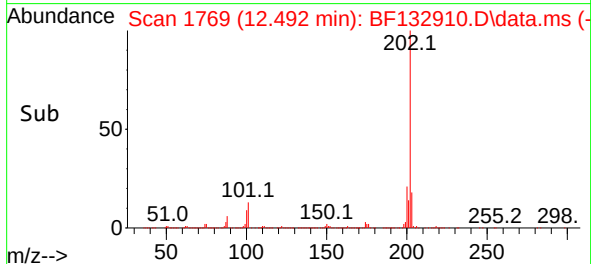
Instrument :
BNA_F
ClientSampleId :
SB-26-COMP



Tgt Ion:202 Resp: 40158
Ion Ratio Lower Upper
202 100
101 12.9 0.0 34.5
203 18.1 0.0 38.2

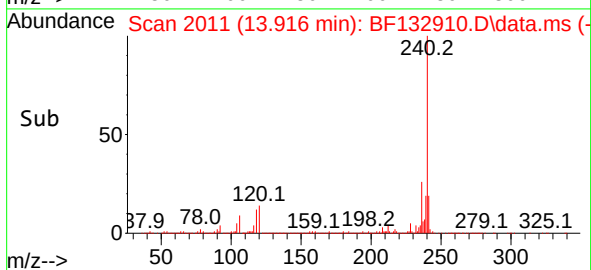
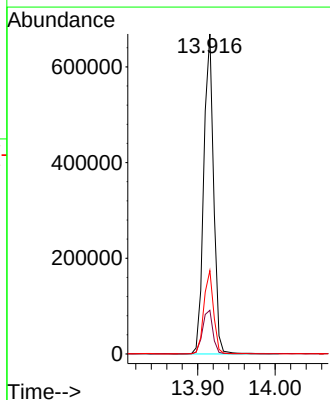
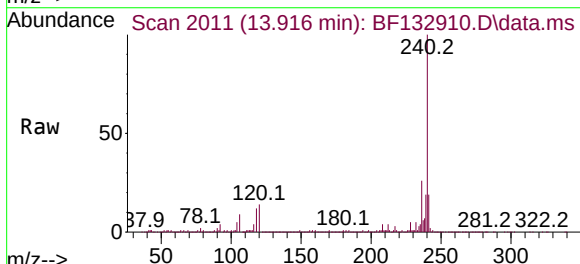
Manual Integrations
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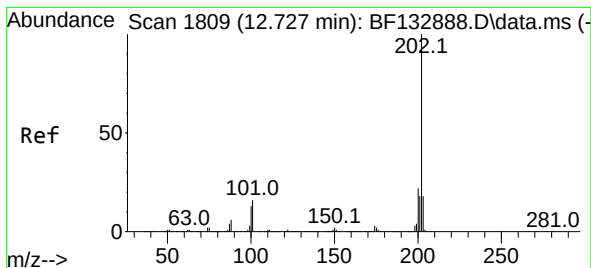
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Tgt Ion:240 Resp: 590819
Ion Ratio Lower Upper
240 100
120 13.7 10.0 15.0
236 26.1 20.8 31.2





#78

Pyrene

Concen: 7.313 ng

RT: 12.716 min Scan# 1807

Delta R.T. -0.012 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

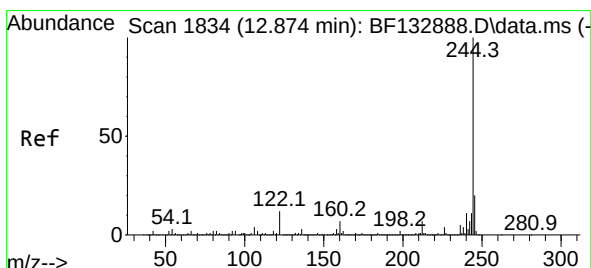
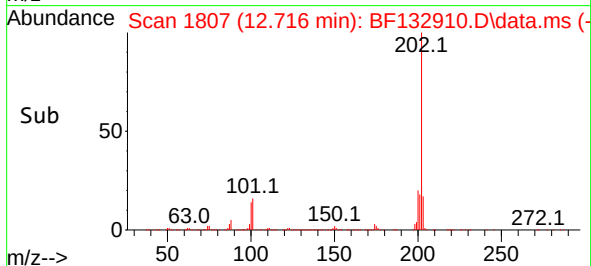
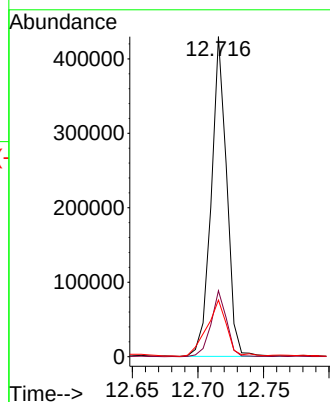
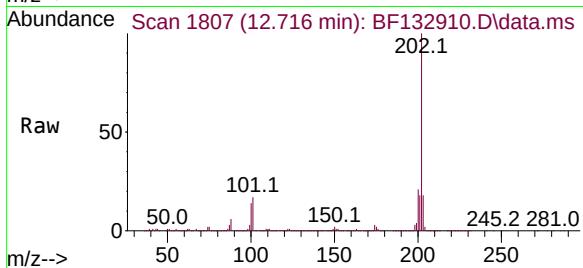
Tgt Ion:	202	Resp:	35329
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.6	26.4
203	17.7	14.6	22.0

Manual Integrations

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Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Jagrut Upadhyay 04/19/2023



#79

Terphenyl-d14

Concen: 51.722 ng

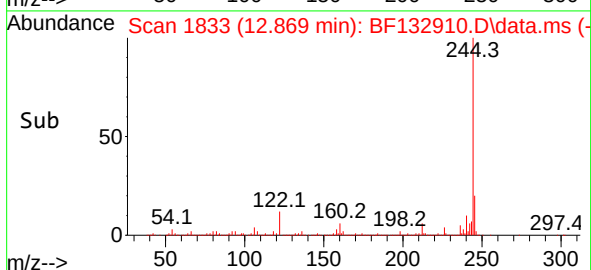
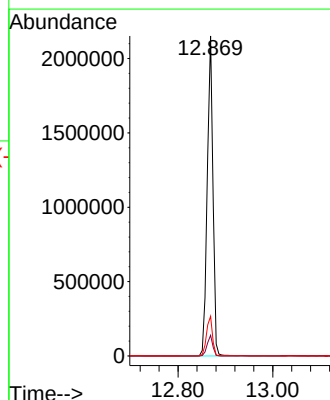
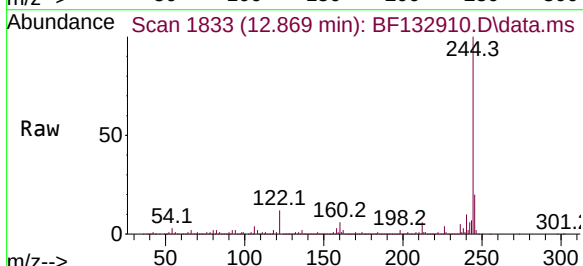
RT: 12.869 min Scan# 1833

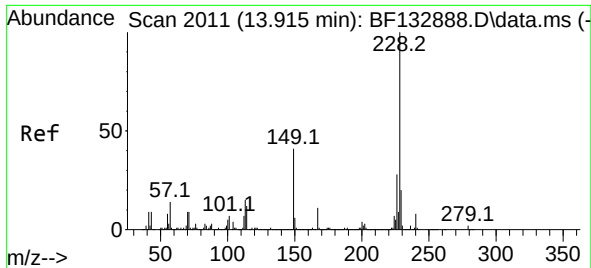
Delta R.T. -0.006 min

Lab File: BF132910.D

Acq: 18 Apr 2023 20:01

Tgt Ion:	244	Resp:	1791141
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	12.4	9.6	14.4





#81
Benzo(a)anthracene
Concen: 4.815 ng
RT: 13.904 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

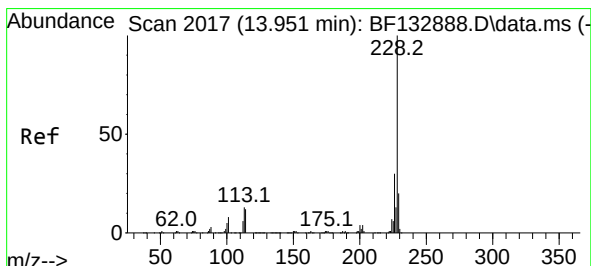
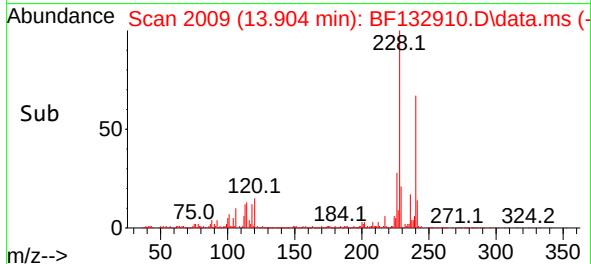
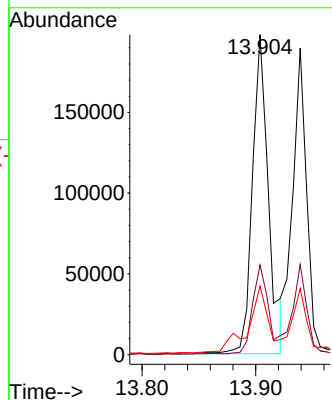
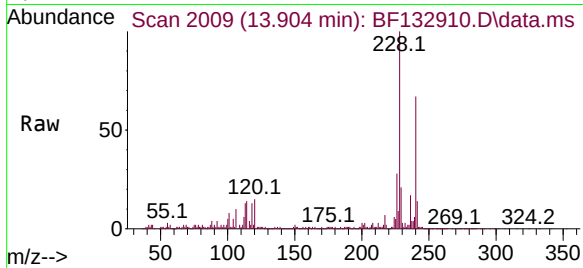
SB-26-COMP

Tgt Ion:228 Resp: 19348
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 21.5 16.2 24.2

Manual Integrations

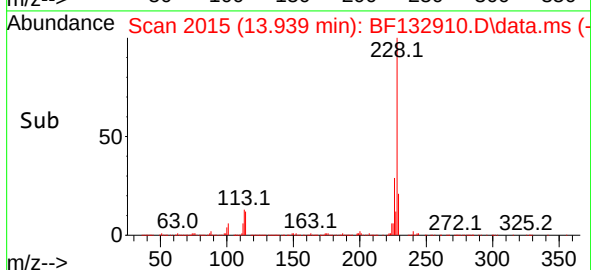
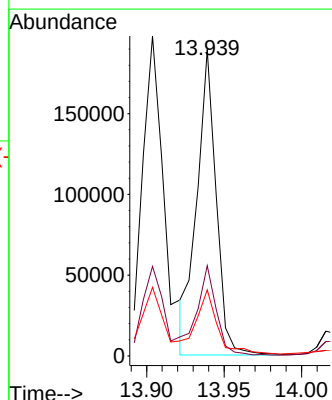
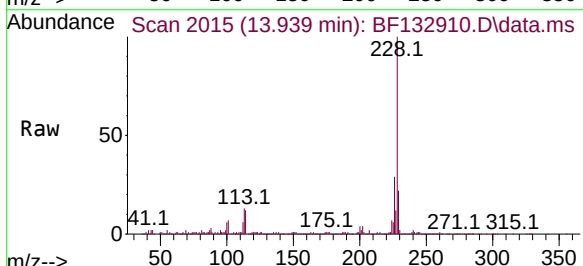
APPROVED

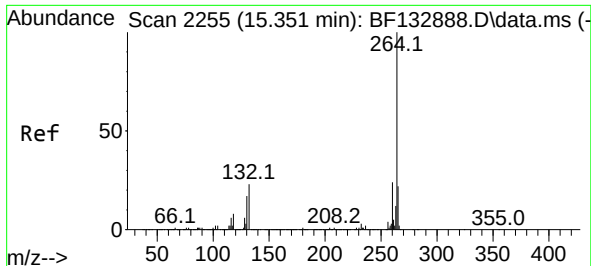
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#83
Chrysene
Concen: 4.110 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Tgt Ion:228 Resp: 164127
Ion Ratio Lower Upper
228 100
226 29.5 24.3 36.5
229 21.6 16.2 24.4





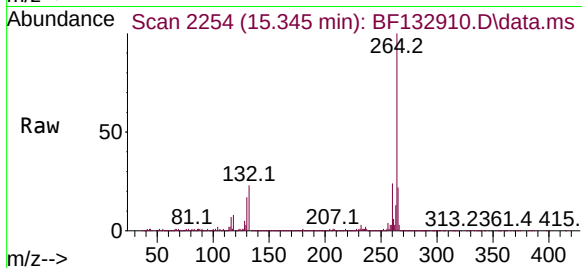
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

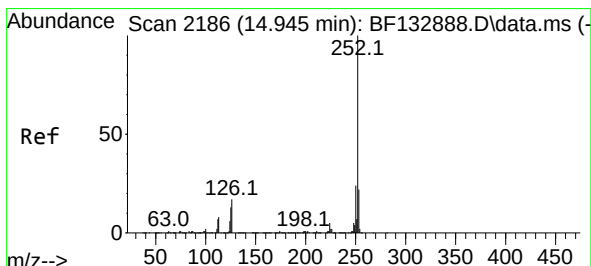
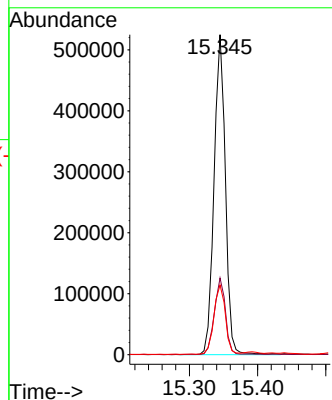
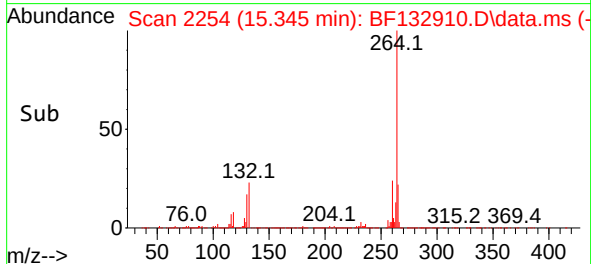


Tgt Ion:264 Resp: 608315
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.7 17.7 26.5

Manual Integrations

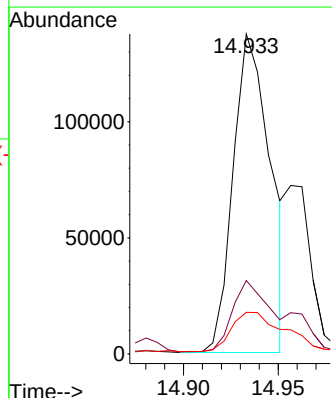
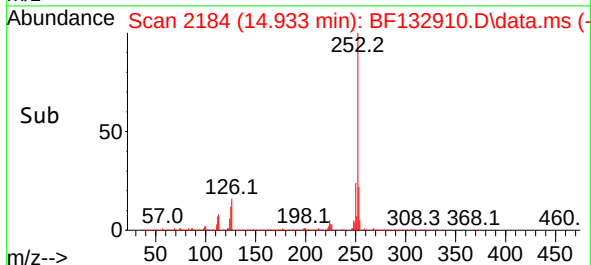
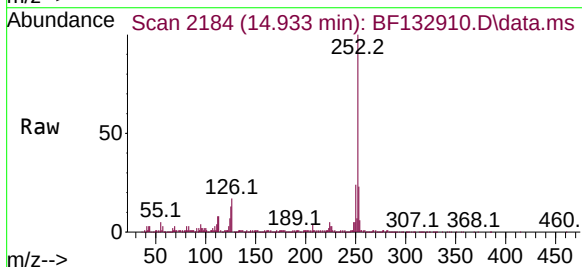
APPROVED

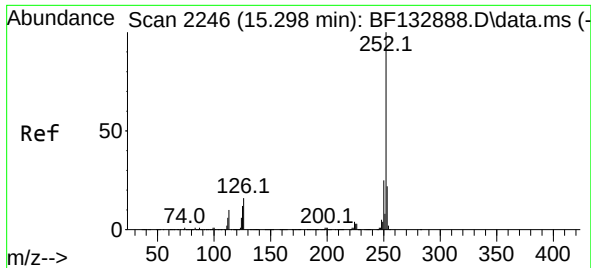
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023



#88
Benzo(b)fluoranthene
Concen: 4.966 ng m
RT: 14.933 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

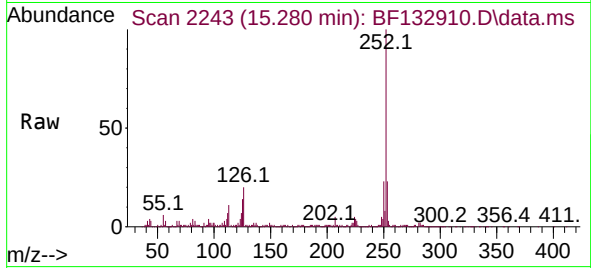
Tgt Ion:252 Resp: 188157
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 13.0 10.0 15.0





#90
Benzo(a)pyrene
Concen: 3.652 ng
RT: 15.280 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF132910.D
Acq: 18 Apr 2023 20:01

Instrument :
BNA_F
ClientSampleId :
SB-26-COMP



Tgt Ion:252 Resp: 12642
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 13.9 9.9 14.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

