

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132351.D
 Acq On : 07 Feb 2023 18:43
 Operator : CG\JU
 Sample : 01463-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

Manual Integrations
 APPROVED

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

Quant Time: Feb 08 04:00:57 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	149405	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	578863	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	301472	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	561812	20.000	ng	0.00
76) Chrysene-d12	14.254	240	302813	20.000	ng	-0.01
86) Perylene-d12	15.830	264	339619	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	869649	93.563	ng	0.00
7) Phenol-d6	6.666	99	1068850	93.274	ng	0.00
23) Nitrobenzene-d5	7.613	82	640359	61.559	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	343106	110.671	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1281186	65.627	ng	0.00
79) Terphenyl-d14	13.189	244	1346050	85.987	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.619	178	62894	2.142	ng	99
75) Fluoranthene	12.819	202	109852	3.667	ng	96
78) Pyrene	13.048	202	121930	5.006	ng	98
81) Benzo(a)anthracene	14.242	228	49816	2.352	ng	98
83) Chrysene	14.277	228	43120	2.174	ng	99
88) Benzo(b)fluoranthene	15.354	252	56910m	2.636	ng	
90) Benzo(a)pyrene	15.759	252	45299	2.253	ng	98

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

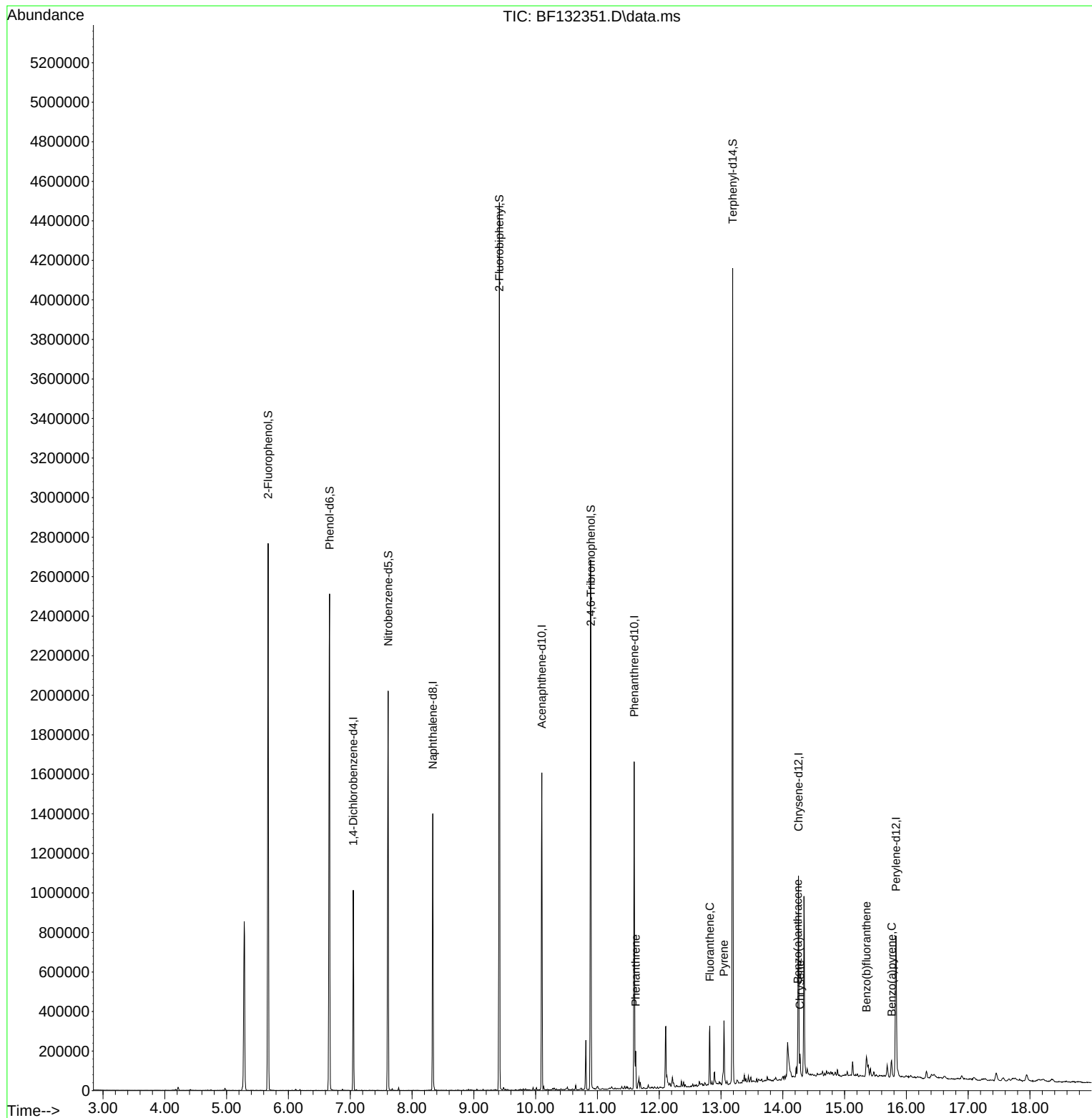
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
Data File : BF132351.D
Acq On : 07 Feb 2023 18:43
Operator : CG\JU
Sample : 01463-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

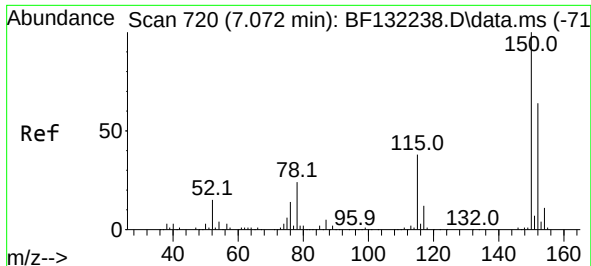
Instrument :
BNA_F
ClientSampleId :
COMP-7

Quant Time: Feb 08 04:00:57 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

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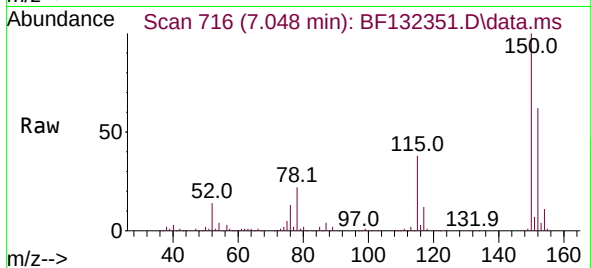
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Supervised By :Jagrut Upadhyay 02/08/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43

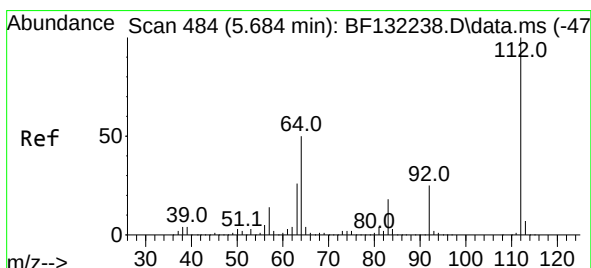
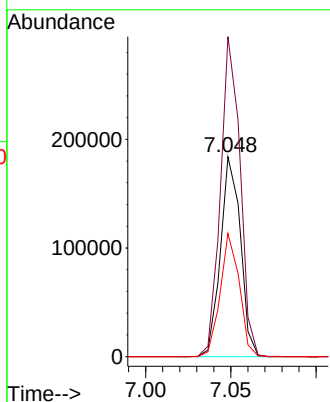
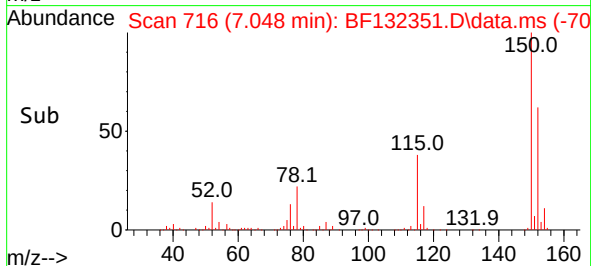
Instrument :
BNA_F
ClientSampleId :
COMP-7



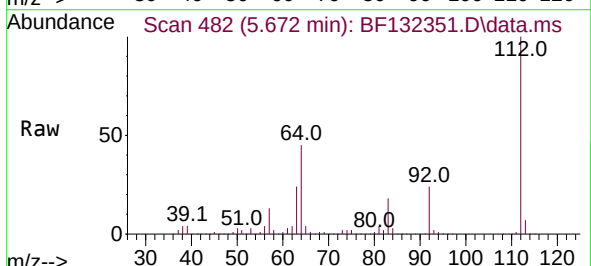
Tgt Ion:152 Resp: 149405
Ion Ratio Lower Upper
152 100
150 160.2 124.2 186.2
115 61.6 47.3 70.9

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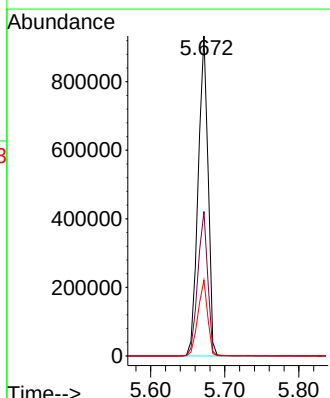
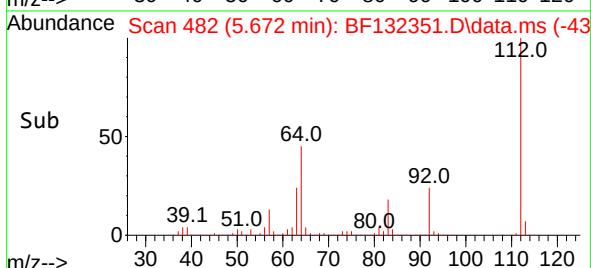
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

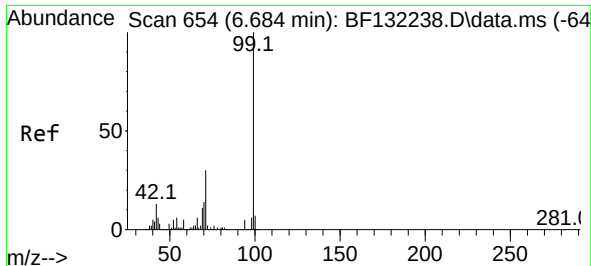


#5
2-Fluorophenol
Concen: 93.563 ng
RT: 5.672 min Scan# 482
Delta R.T. 0.006 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43



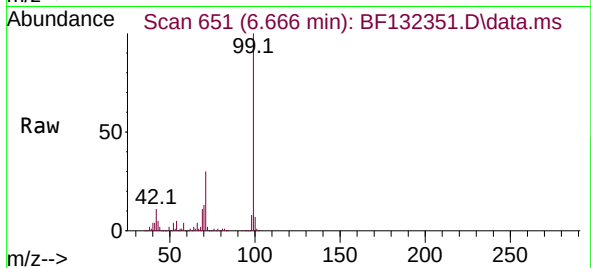
Tgt Ion:112 Resp: 869649
Ion Ratio Lower Upper
112 100
64 45.1 40.0 60.0
63 23.7 20.5 30.7





#7
Phenol-d6
Concen: 93.274 ng
RT: 6.666 min Scan# 651
Delta R.T. -0.006 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43

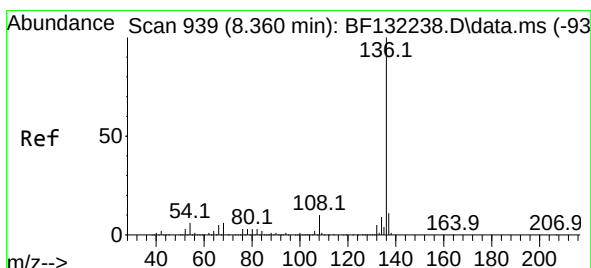
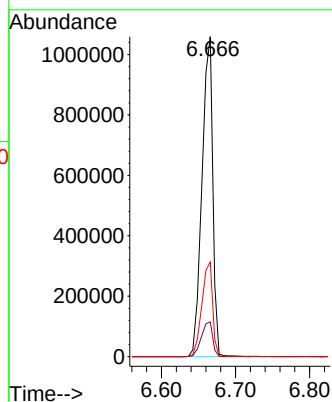
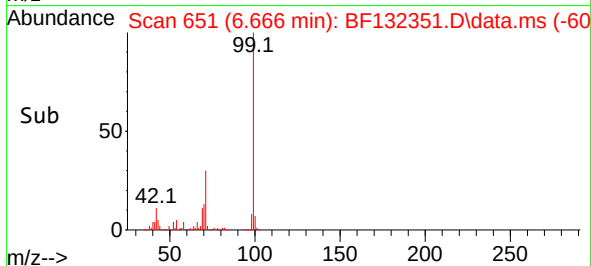
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1068850
Ion Ratio Lower Upper
99 100
42 10.8 10.1 15.1
71 29.5 24.2 36.4

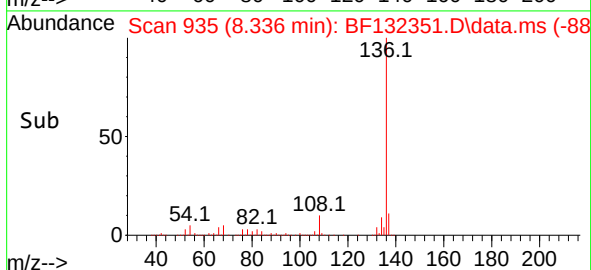
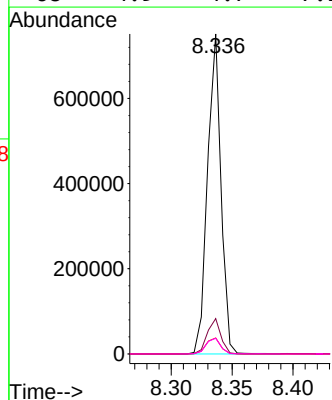
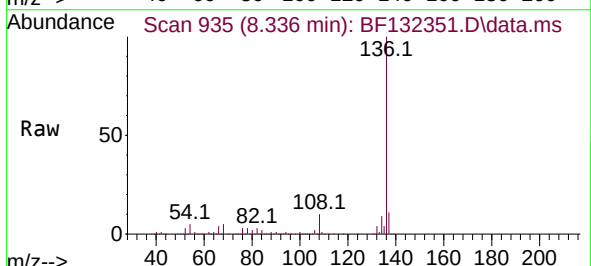
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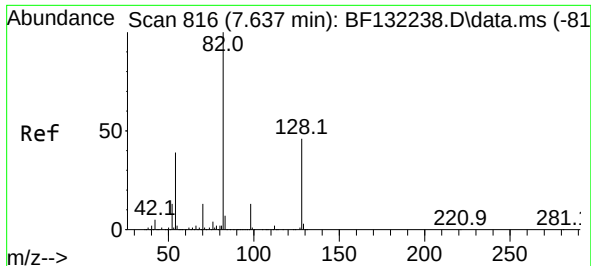
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43

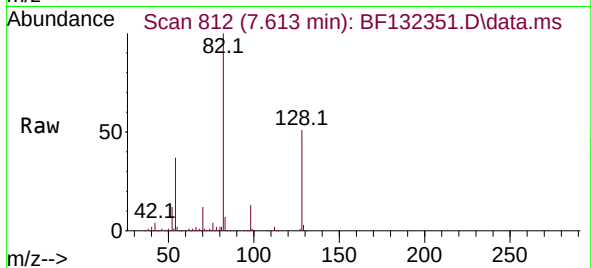
Tgt Ion:136 Resp: 578863
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.0 4.9 7.3
68 4.9 4.7 7.1





#23
Nitrobenzene-d5
Concen: 61.559 ng
RT: 7.613 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43

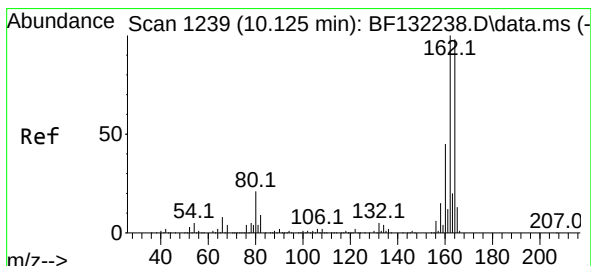
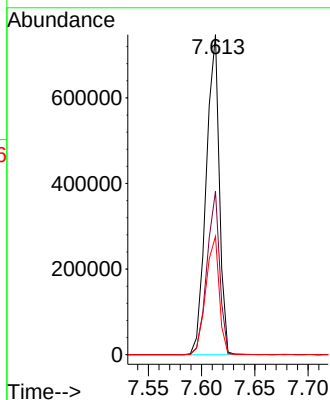
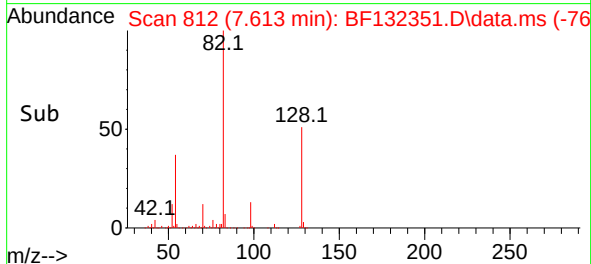
Instrument :
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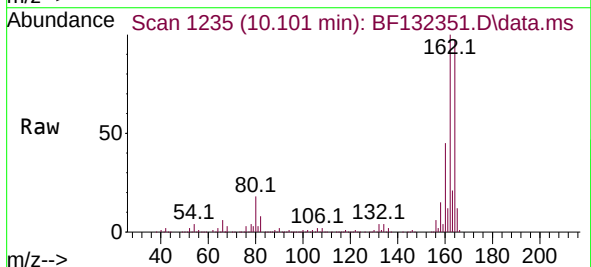
Tgt Ion: 82 Resp: 640359
Ion Ratio Lower Upper
82 100
128 51.1 37.0 55.4
54 36.9 31.5 47.3

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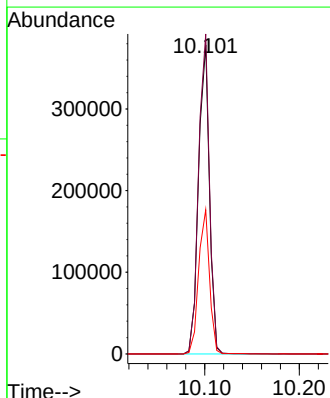
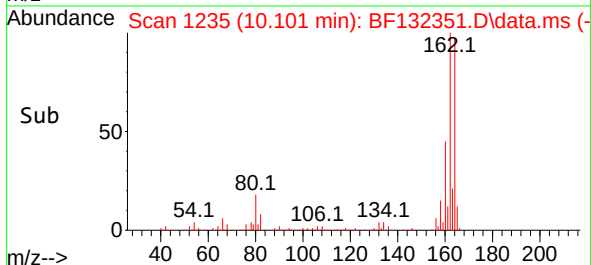
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Supervised By :Jagrut Upadhyay 02/08/2023

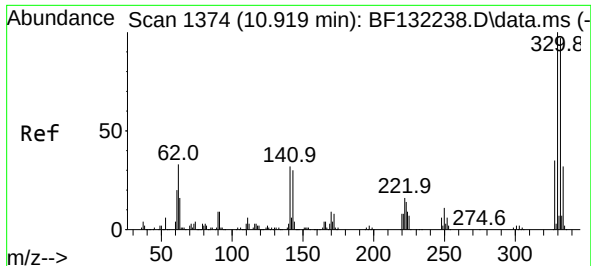


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43



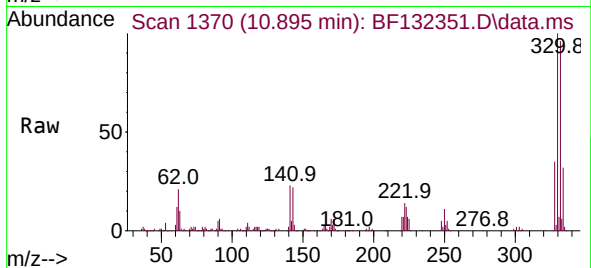
Tgt Ion:164 Resp: 301472
Ion Ratio Lower Upper
164 100
162 103.6 82.0 123.0
160 46.6 37.1 55.7





#42
2,4,6-Tribromophenol
Concen: 110.671 ng
RT: 10.895 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43

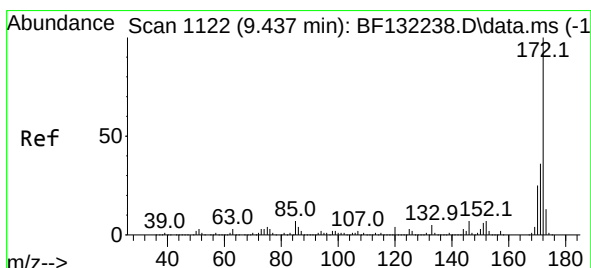
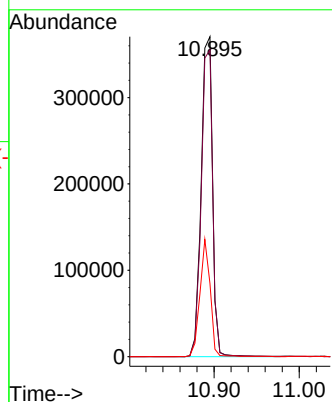
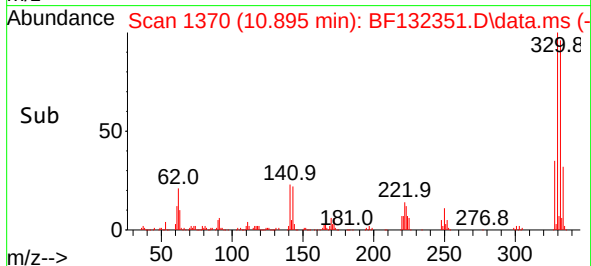
Instrument :
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ClientSampleId :
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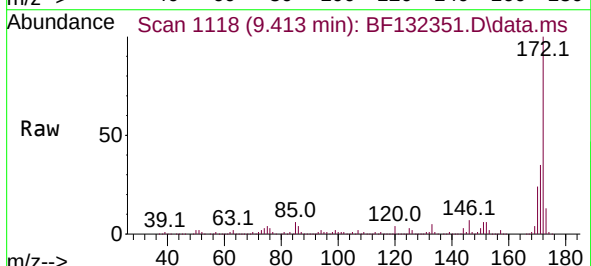
Tgt Ion: 330 Resp: 343106
Ion Ratio Lower Upper
330 100
332 96.0 77.9 116.9
141 33.2 31.0 46.4

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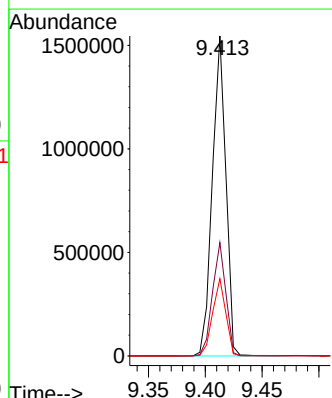
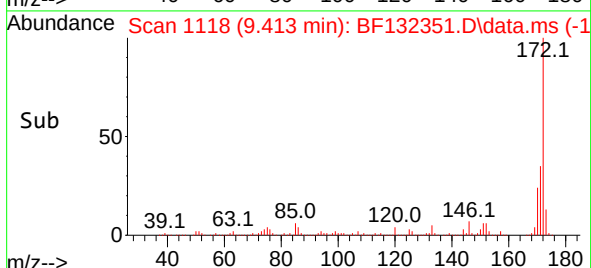
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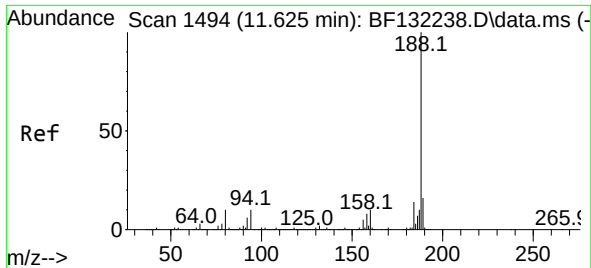


#45
2-Fluorobiphenyl
Concen: 65.627 ng
RT: 9.413 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43



Tgt Ion: 172 Resp: 1281186
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.1 19.7 29.5





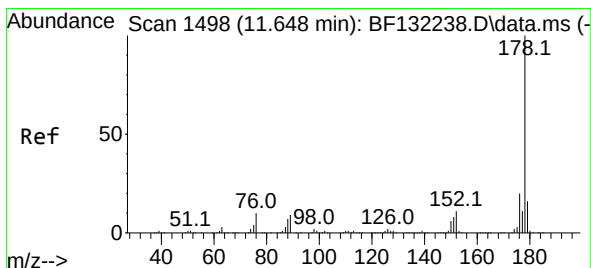
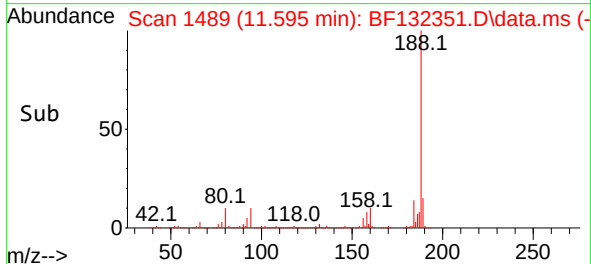
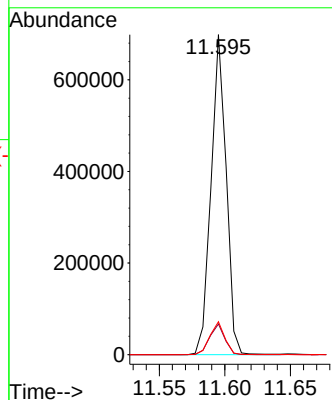
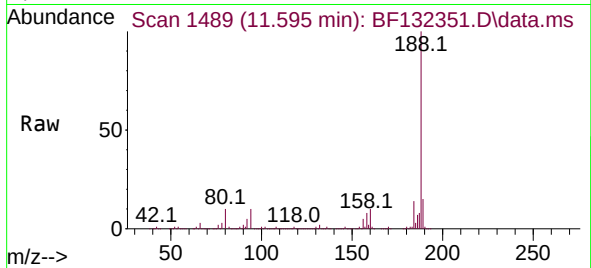
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43

Instrument :
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Tgt Ion:188 Resp: 561812
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 10.3 8.3 12.5

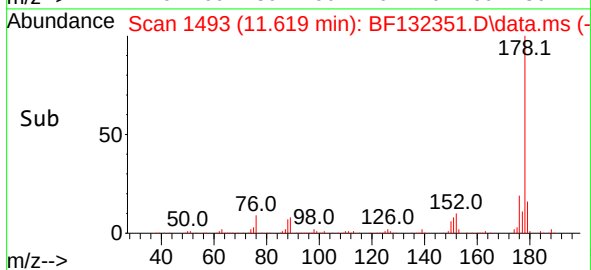
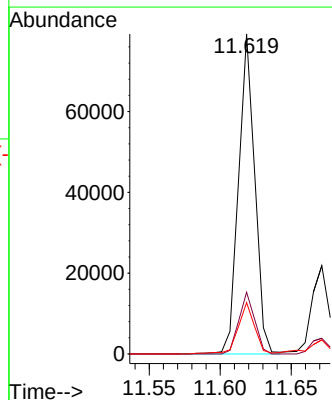
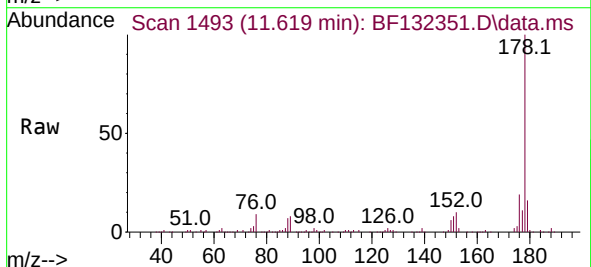
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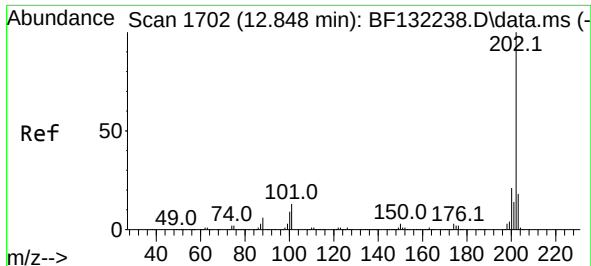
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#71
Phenanthrene
Concen: 2.142 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43

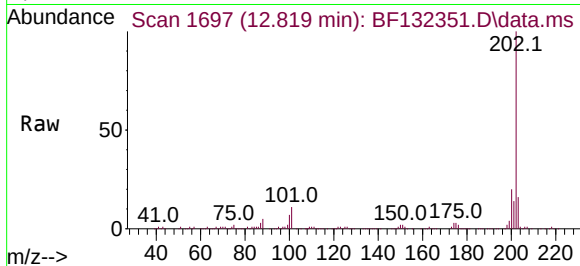
Tgt Ion:178 Resp: 62894
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.4
179 16.0 12.8 19.2





#75
Fluoranthene
Concen: 3.667 ng
RT: 12.819 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43

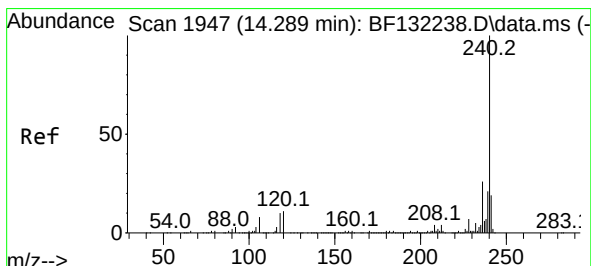
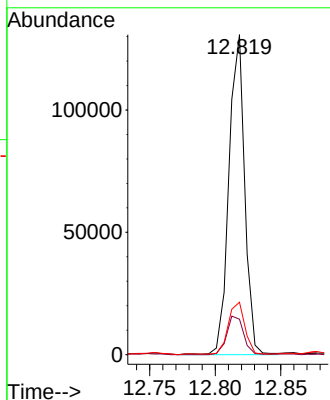
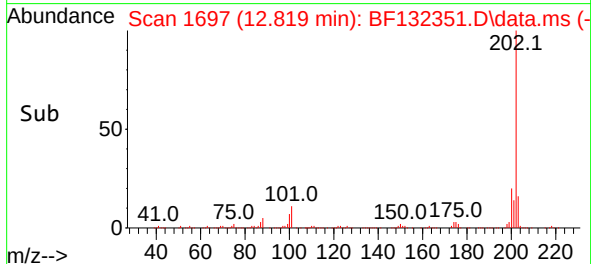
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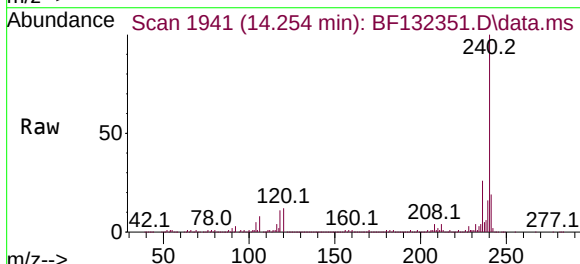
Tgt Ion: 202 Resp: 109852
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.7
203 16.4 0.0 37.9

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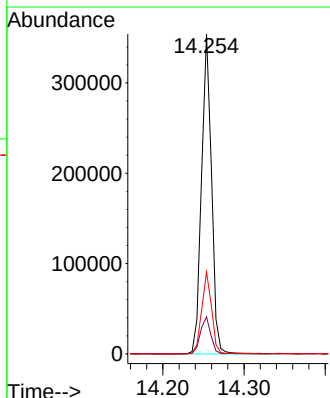
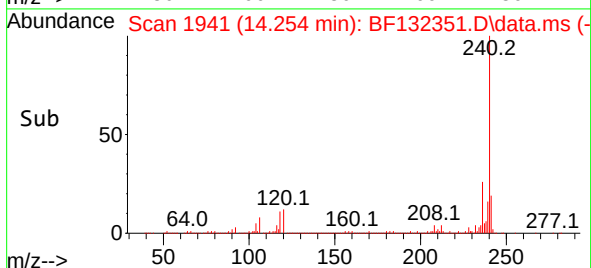
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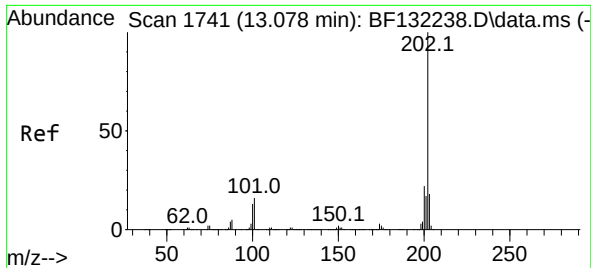


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43



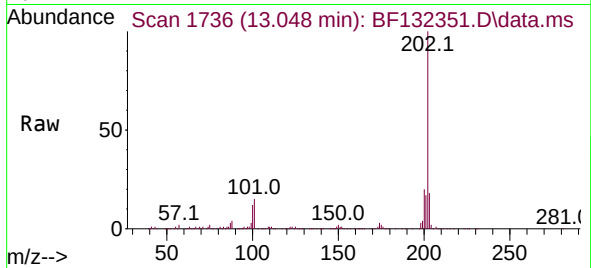
Tgt Ion: 240 Resp: 302813
Ion Ratio Lower Upper
240 100
120 11.6 8.8 13.2
236 25.6 21.0 31.6





#78
Pyrene
Concen: 5.006 ng
RT: 13.048 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43

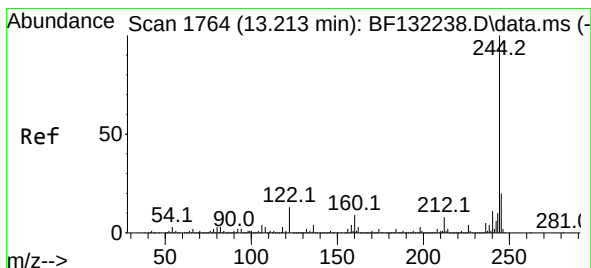
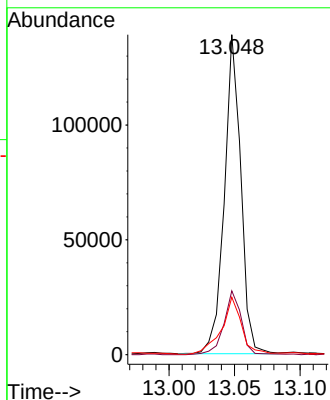
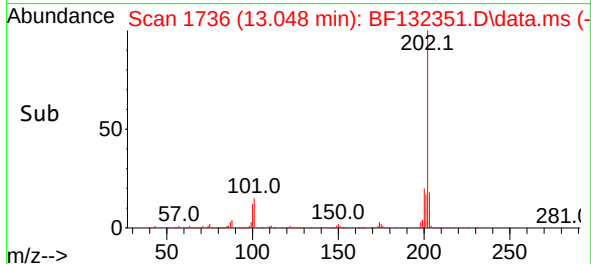
Instrument :
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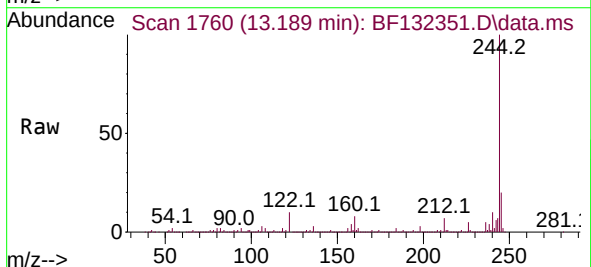
Tgt Ion:202 Resp: 121930
Ion Ratio Lower Upper
202 100
200 19.9 17.3 25.9
203 17.9 14.4 21.6

Manual Integrations
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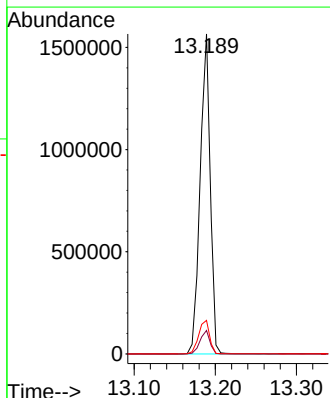
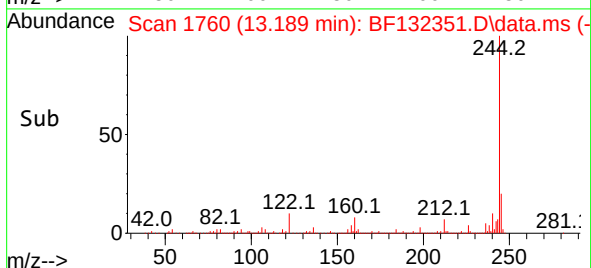
Reviewed By :Christian Giraldo 02/08/2023
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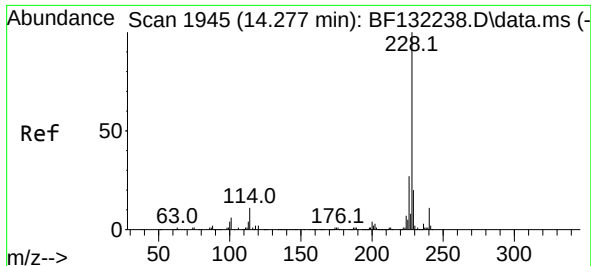


#79
Terphenyl-d14
Concen: 85.987 ng
RT: 13.189 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43



Tgt Ion:244 Resp: 1346050
Ion Ratio Lower Upper
244 100
212 7.3 6.4 9.6
122 10.5 10.5 15.7#





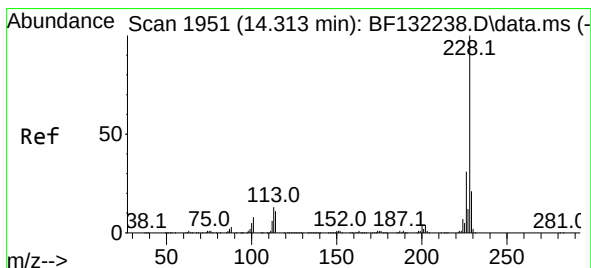
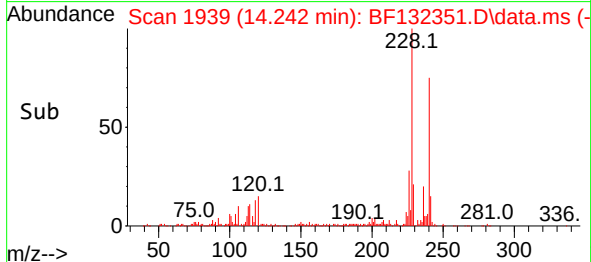
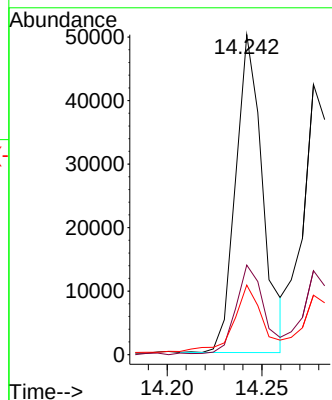
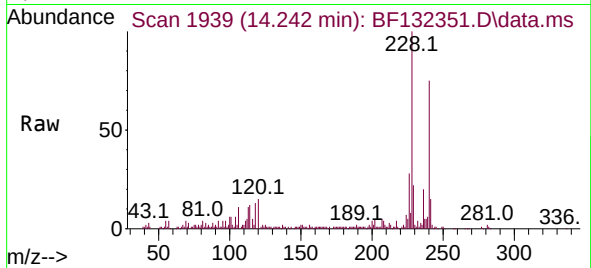
#81
Benzo(a)anthracene
Concen: 2.352 ng
RT: 14.242 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43

Instrument :
BNA_F
ClientSampleId :
COMP-7

Tgt Ion:228 Resp: 49816
Ion Ratio Lower Upper
228 100
226 28.0 22.0 33.0
229 21.7 15.8 23.6

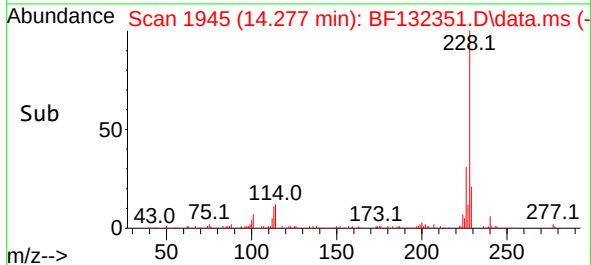
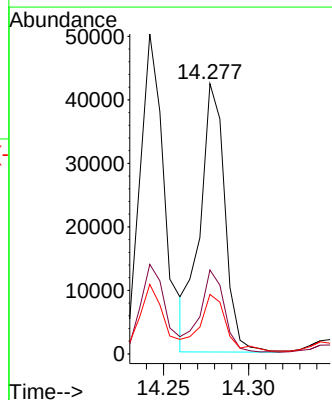
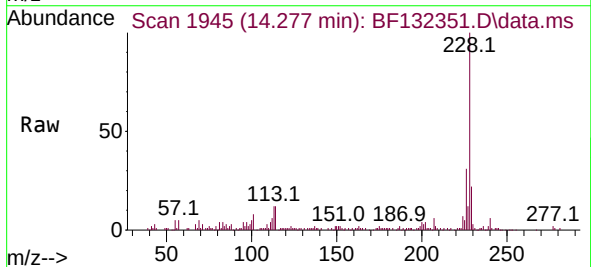
Manual Integrations
APPROVED

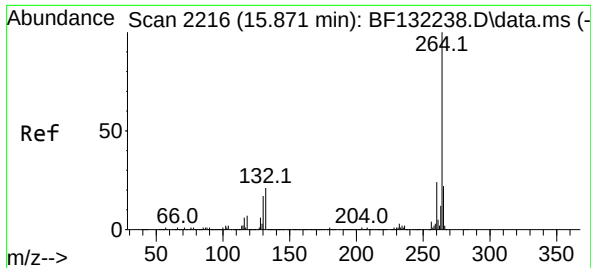
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#83
Chrysene
Concen: 2.174 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43

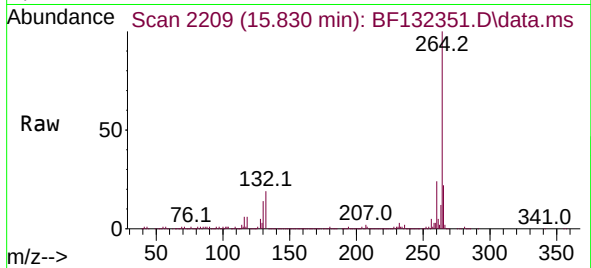
Tgt Ion:228 Resp: 43120
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 22.0 16.4 24.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.830 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43

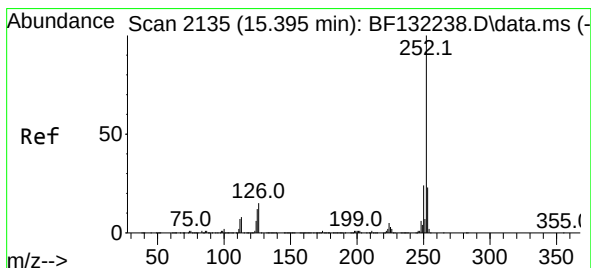
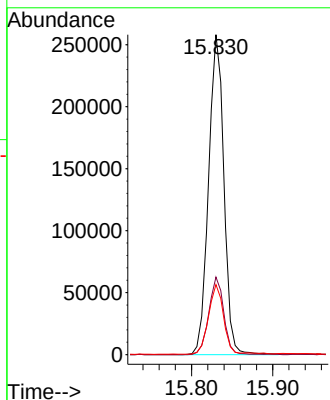
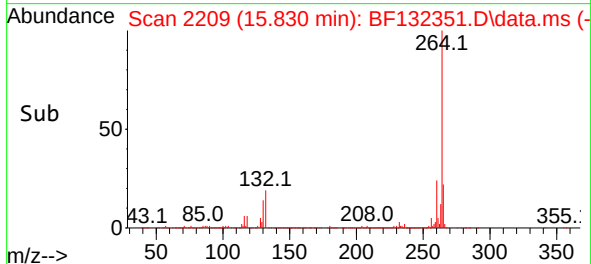
Instrument :
BNA_F
ClientSampleId :
COMP-7



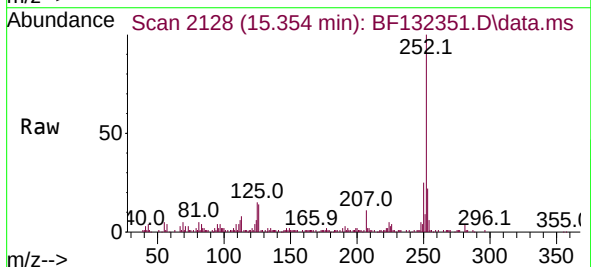
Tgt Ion:264 Resp: 339619
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 21.9 17.4 26.2

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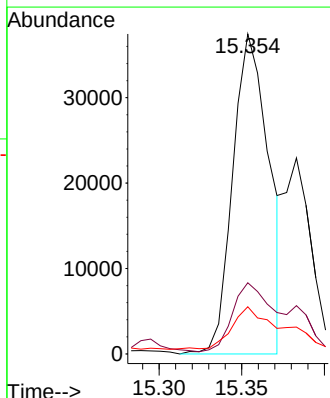
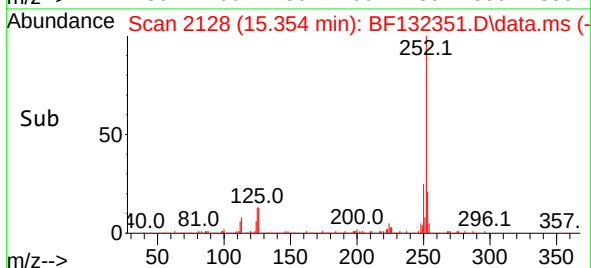
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

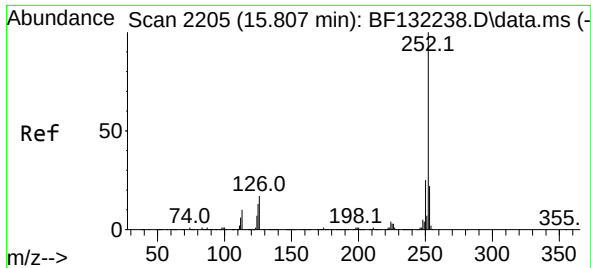


#88
Benzo(b)fluoranthene
Concen: 2.636 ng m
RT: 15.354 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43



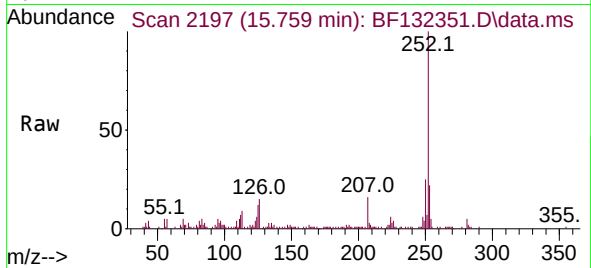
Tgt Ion:252 Resp: 56910
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 14.7 9.6 14.4#





#90
Benzo(a)pyrene
Concen: 2.253 ng
RT: 15.759 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF132351.D
Acq: 07 Feb 2023 18:43

Instrument :
BNA_F
ClientSampleId :
COMP-7



Tgt Ion:252 Resp: 45299
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 11.5 10.2 15.4

Manual Integrations
APPROVED

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

