

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132259.D
 Acq On : 01 Feb 2023 14:31
 Operator : CG\JU
 Sample : 01352-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-WC

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 00:54:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	169685	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	662147	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	333448	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	629535	20.000	ng	0.00
76) Chrysene-d12	14.277	240	418655	20.000	ng	-0.01
86) Perylene-d12	15.865	264	368492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	1007211	95.411	ng	0.00
7) Phenol-d6	6.678	99	1238911	95.193	ng	0.00
23) Nitrobenzene-d5	7.631	82	738816	62.091	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	298955	87.183	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1206433	55.872	ng	0.00
79) Terphenyl-d14	13.213	244	1339204	61.878	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.642	178	96248	2.926	ng	96
75) Fluoranthene	12.836	202	214400	6.387	ng	97
78) Pyrene	13.072	202	224750	6.675	ng	99
81) Benzo(a)anthracene	14.266	228	106504	3.637	ng	99
83) Chrysene	14.301	228	90363	3.296	ng	95
84) Bis(2-ethylhexyl)phtha...	14.242	149	86330	4.293	ng	# 99
88) Benzo(b)fluoranthene	15.383	252	76150m	3.251	ng	
90) Benzo(a)pyrene	15.789	252	57586	2.640	ng	97

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

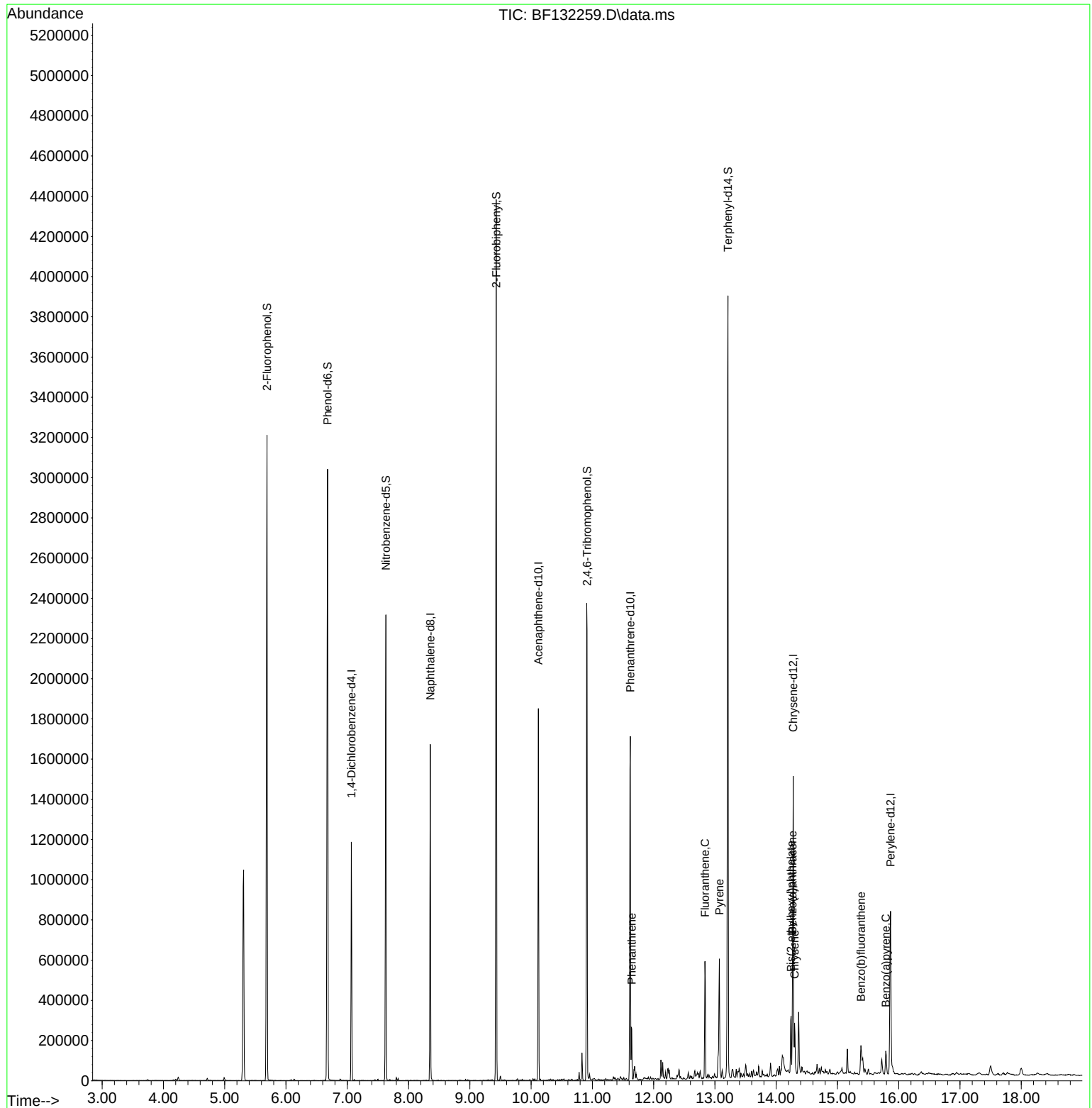
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132259.D
Acq On : 01 Feb 2023 14:31
Operator : CG\JU
Sample : 01352-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

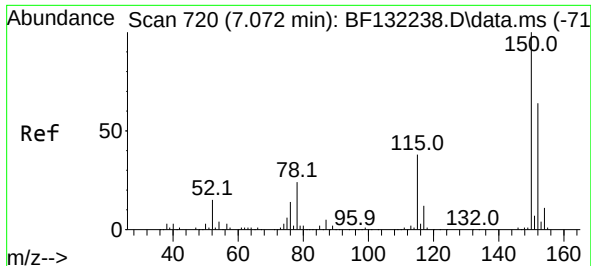
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Quant Time: Feb 02 00:54:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

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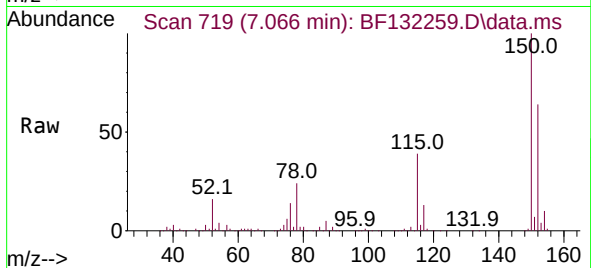
Reviewed By : Christian Giraldo 02/02/2023
Supervised By : Jagrut Upadhyay 02/02/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

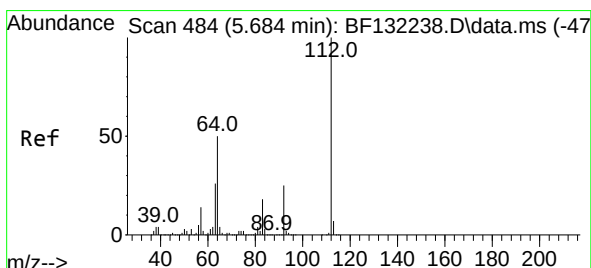
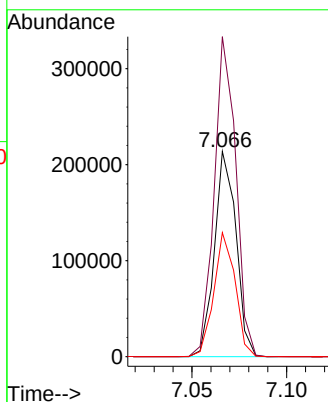
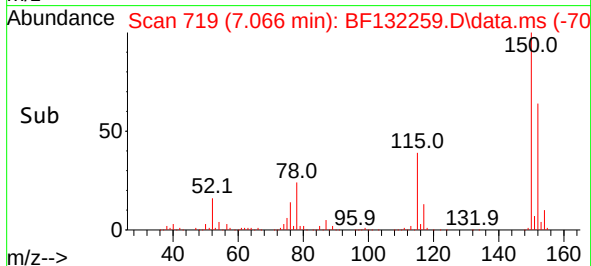
Instrument :
BNA_F
ClientSampleId :
TP-2-WC



Tgt Ion:152 Resp: 169685
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 60.4 47.3 70.9

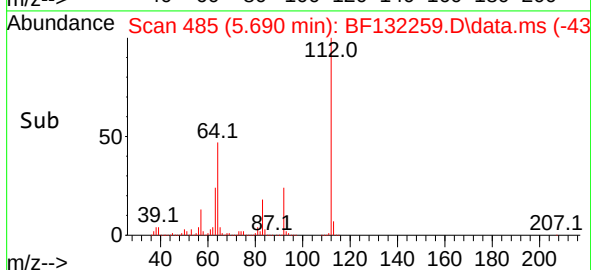
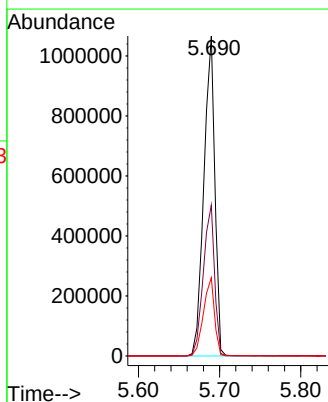
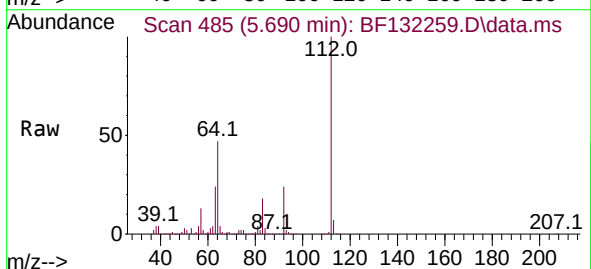
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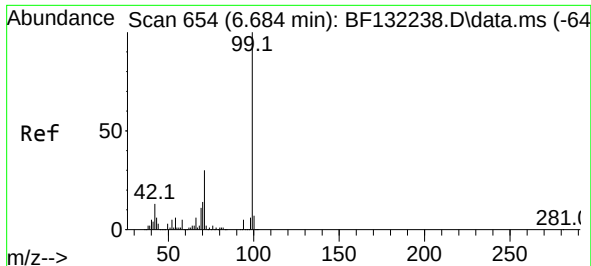
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#5
2-Fluorophenol
Concen: 95.411 ng
RT: 5.690 min Scan# 485
Delta R.T. 0.006 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

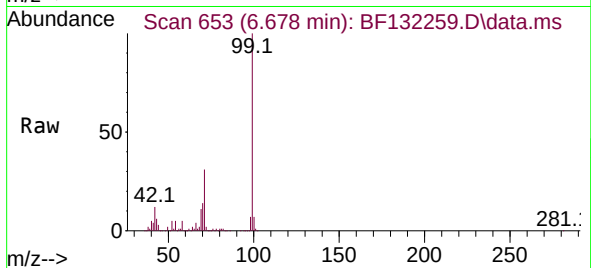
Tgt Ion:112 Resp: 1007211
Ion Ratio Lower Upper
112 100
64 47.1 40.0 60.0
63 24.4 20.5 30.7





#7
Phenol-d6
Concen: 95.193 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

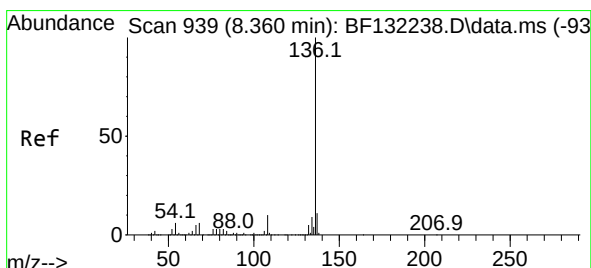
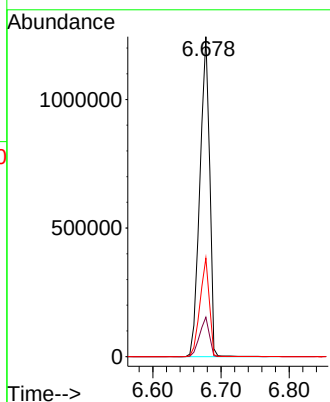
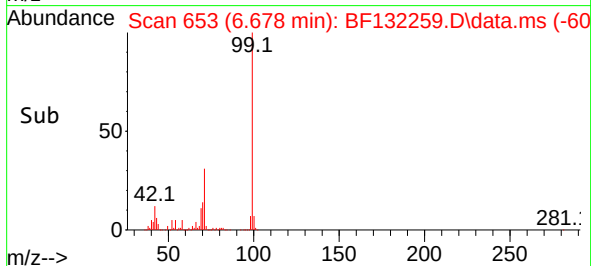
Instrument :
BNA_F
ClientSampleId :
TP-2-WC



Tgt Ion: 99 Resp: 123891
Ion Ratio Lower Upper
99 100
42 12.3 10.1 15.1
71 30.8 24.2 36.4

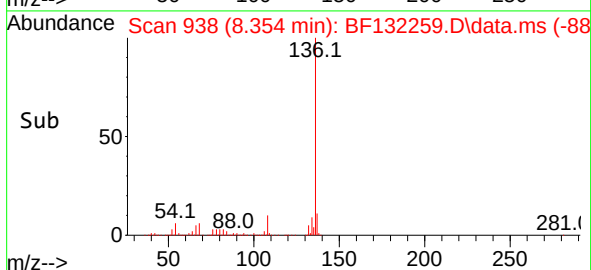
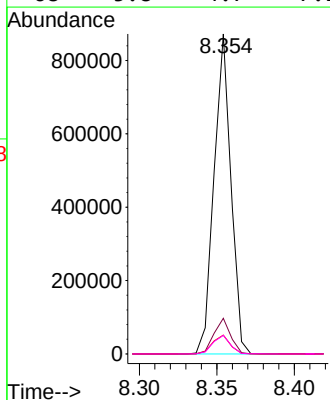
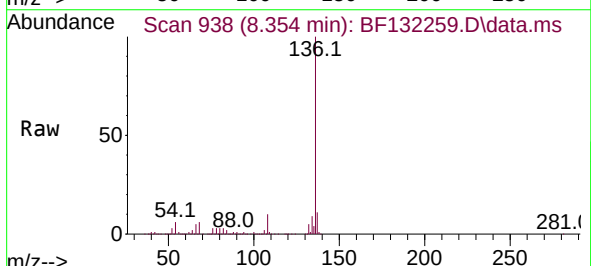
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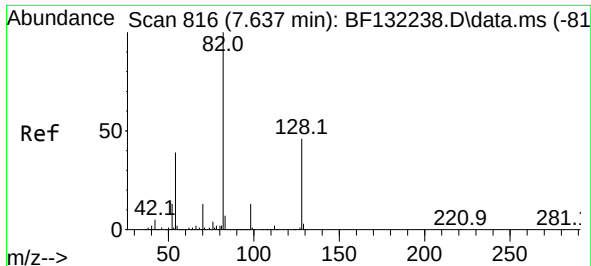
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

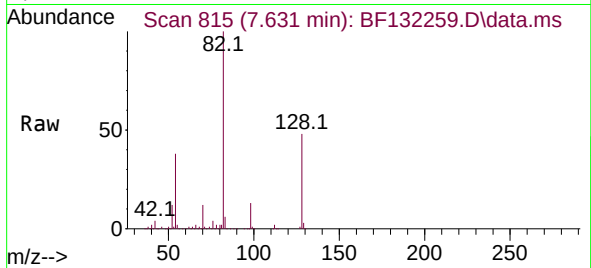
Tgt Ion:136 Resp: 662147
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.9 4.9 7.3
68 5.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 62.091 ng
RT: 7.631 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

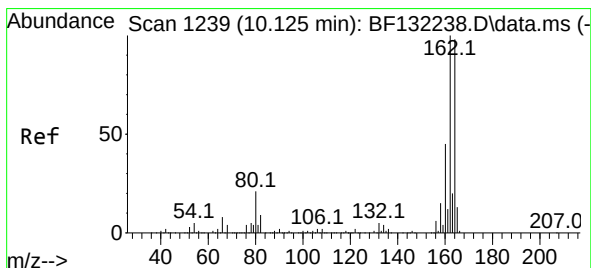
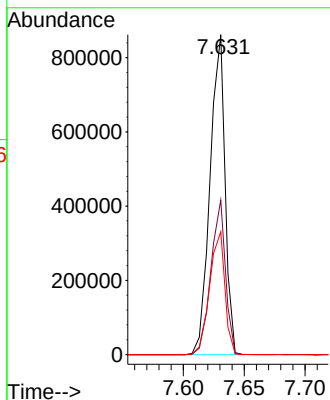
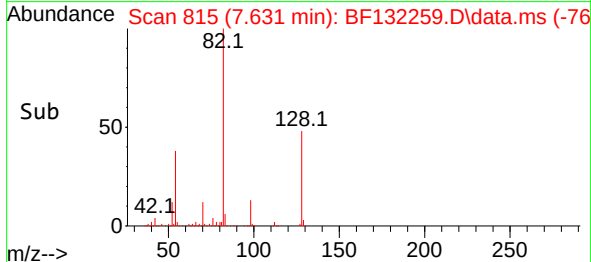
Instrument :
BNA_F
ClientSampleId :
TP-2-WC



Tgt Ion: 82 Resp: 738816
Ion Ratio Lower Upper
82 100
128 48.3 37.0 55.4
54 38.4 31.5 47.3

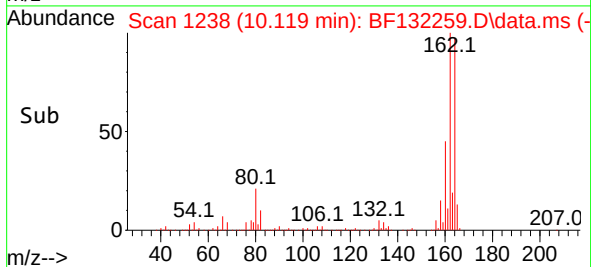
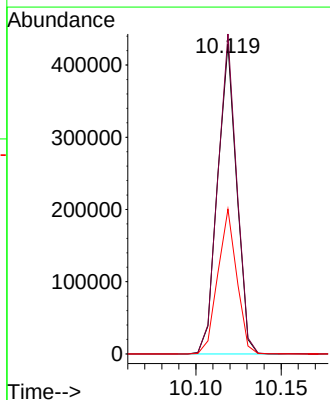
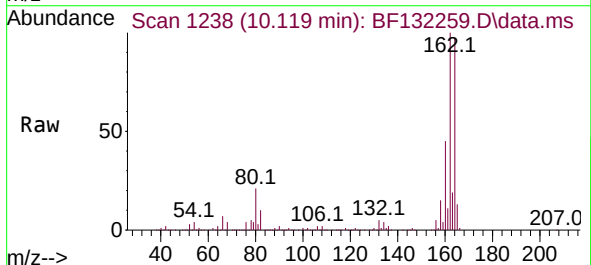
Manual Integrations
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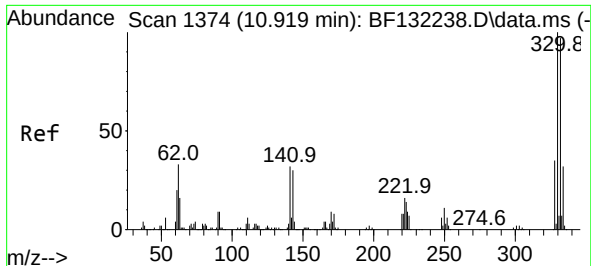
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

Tgt Ion:164 Resp: 333448
Ion Ratio Lower Upper
164 100
162 103.3 82.0 123.0
160 46.7 37.1 55.7





#42
2,4,6-Tribromophenol
Concen: 87.183 ng
RT: 10.913 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

Instrument :

BNA_F

ClientSampleId :

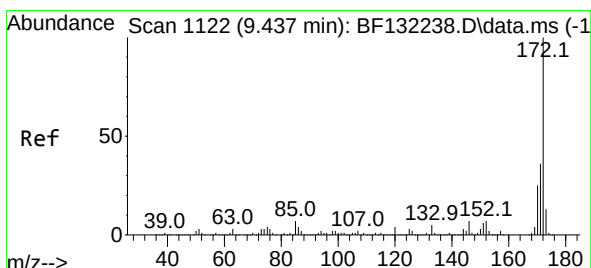
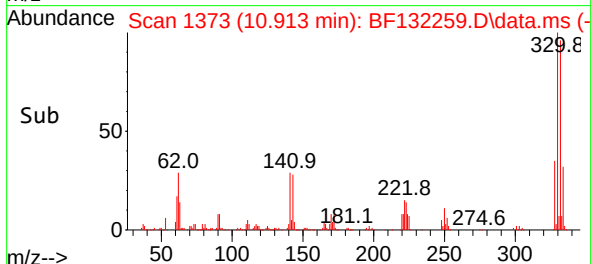
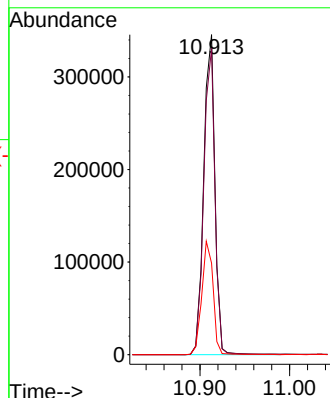
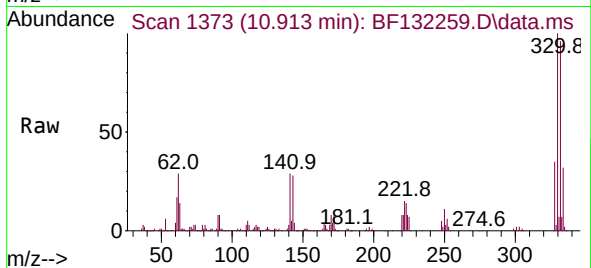
TP-2-WC

Tgt Ion:330 Resp: 298955
Ion Ratio Lower Upper
330 100
332 95.9 77.9 116.9
141 35.9 31.0 46.4

Manual Integrations

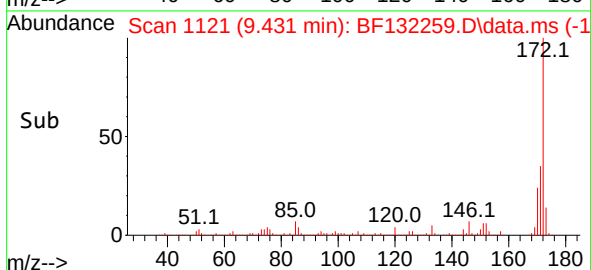
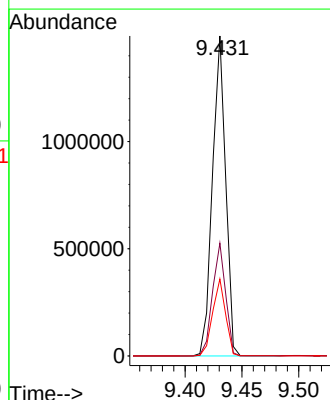
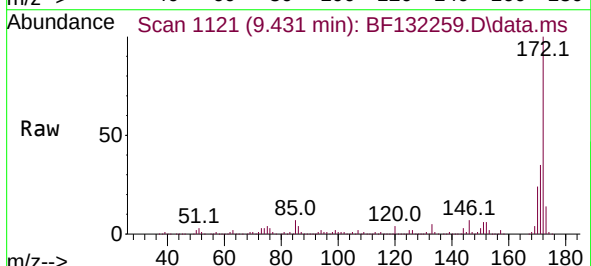
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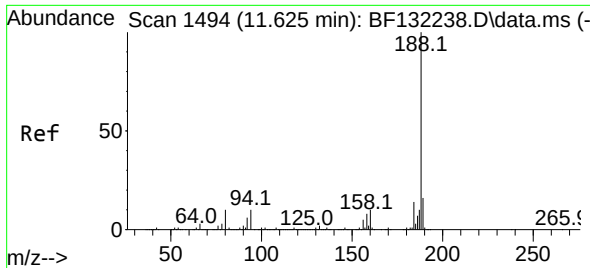
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#45
2-Fluorobiphenyl
Concen: 55.872 ng
RT: 9.431 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

Tgt Ion:172 Resp: 1206433
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 24.0 19.7 29.5





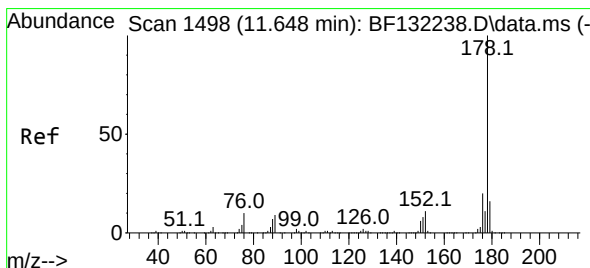
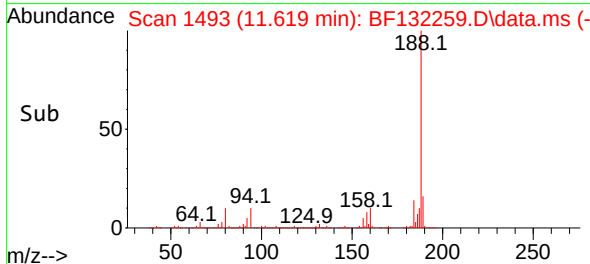
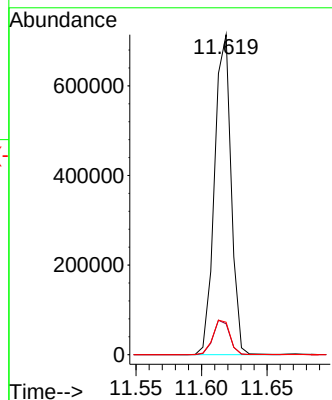
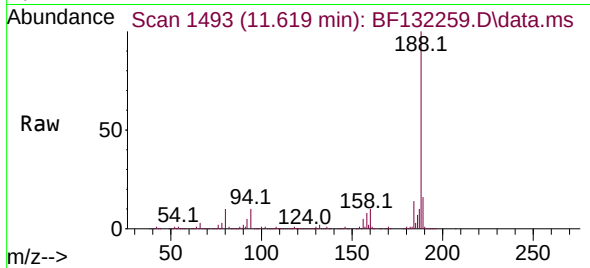
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Tgt Ion:188 Resp: 629535
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 10.1 8.3 12.5

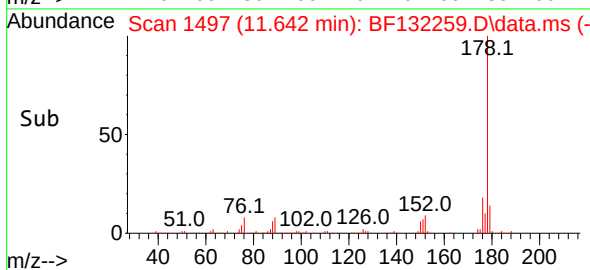
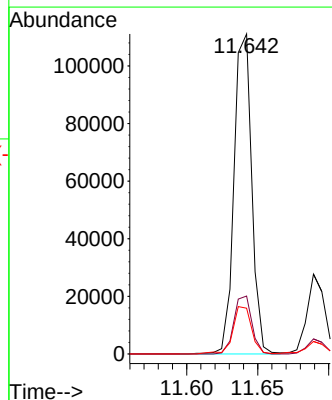
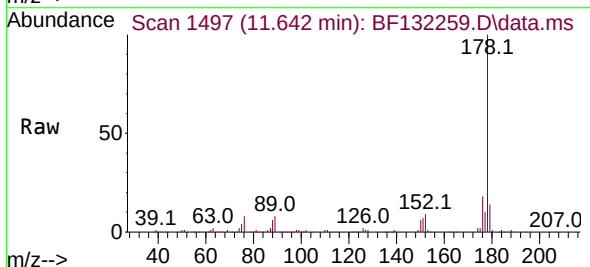
Manual Integrations
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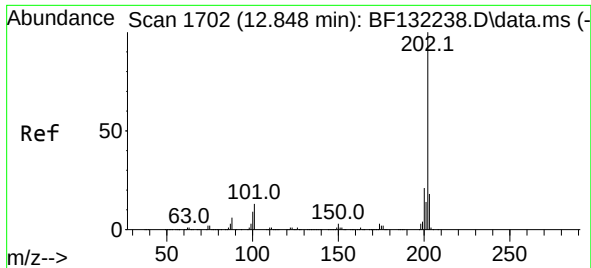
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#71
Phenanthrene
Concen: 2.926 ng
RT: 11.642 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

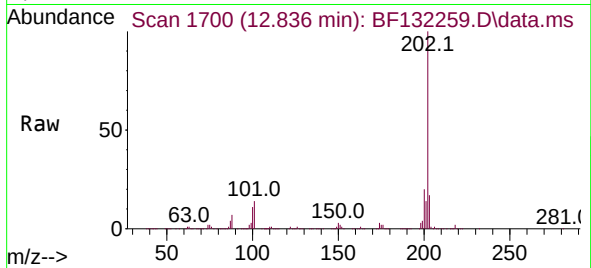
Tgt Ion:178 Resp: 96248
Ion Ratio Lower Upper
178 100
176 18.1 16.2 24.4
179 14.3 12.8 19.2





#75
Fluoranthene
Concen: 6.387 ng
RT: 12.836 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

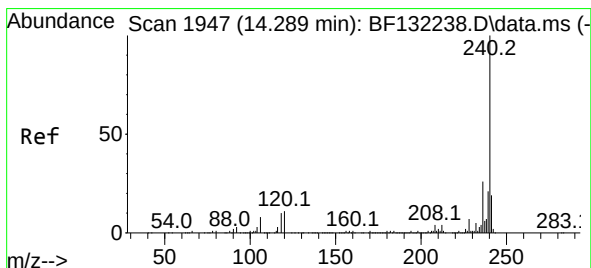
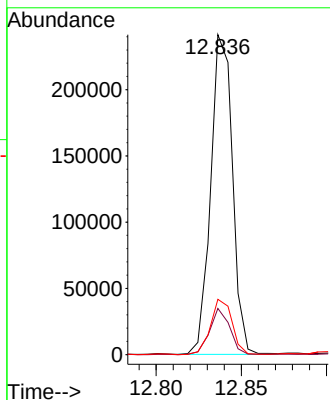
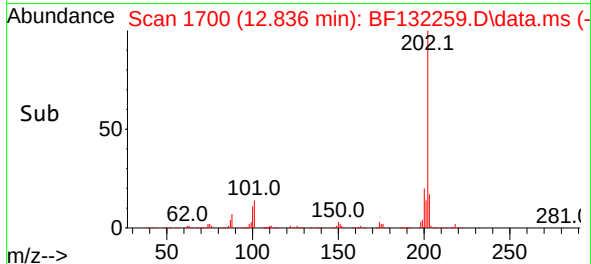
Instrument :
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ClientSampleId :
TP-2-WC



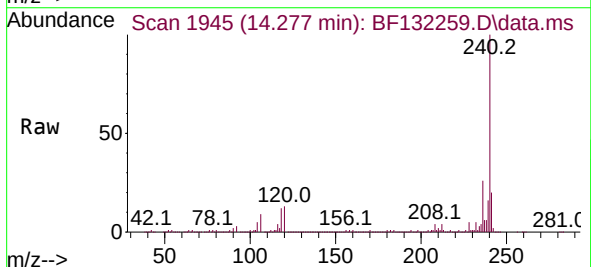
Tgt Ion:202 Resp: 214400
Ion Ratio Lower Upper
202 100
101 14.4 0.0 32.7
203 17.3 0.0 37.9

Manual Integrations
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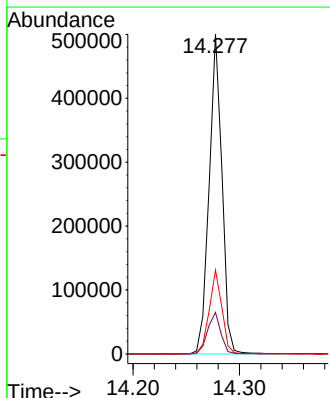
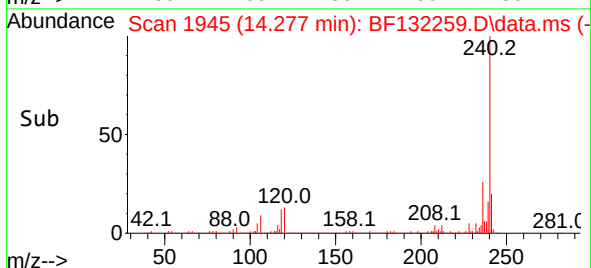
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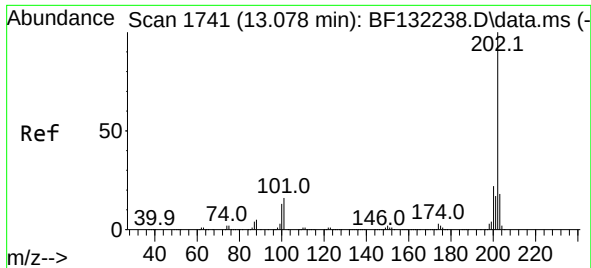


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31



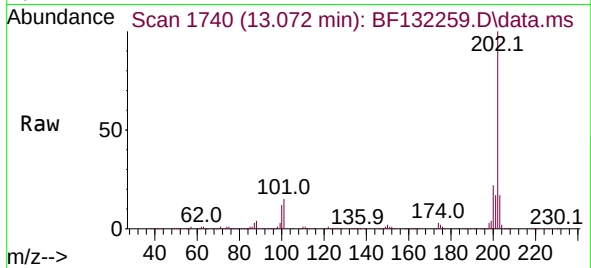
Tgt Ion:240 Resp: 418655
Ion Ratio Lower Upper
240 100
120 13.0 8.8 13.2
236 26.2 21.0 31.6





#78
Pyrene
Concen: 6.675 ng
RT: 13.072 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

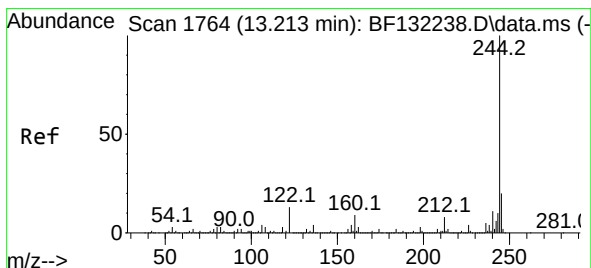
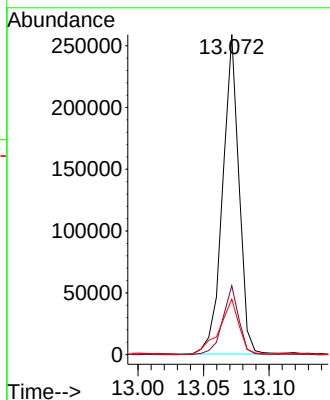
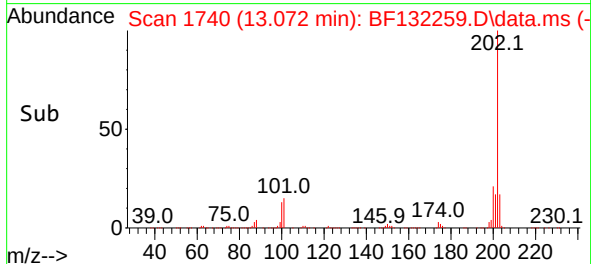
Instrument :
BNA_F
ClientSampleId :
TP-2-WC



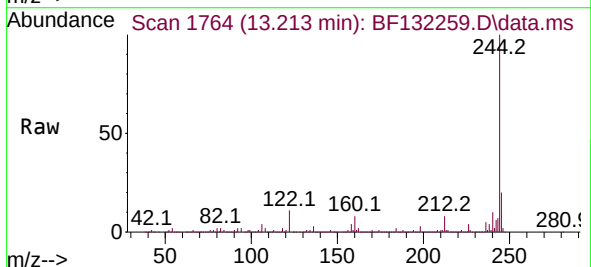
Tgt Ion:202 Resp: 224750
Ion Ratio Lower Upper
202 100
200 21.5 17.3 25.9
203 17.3 14.4 21.6

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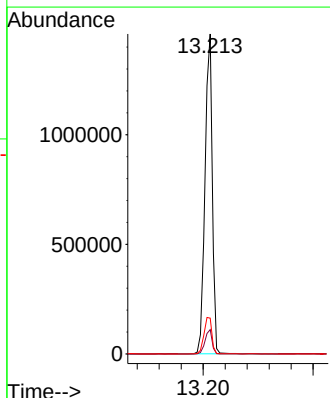
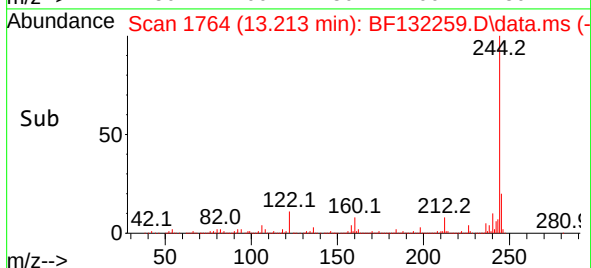
Reviewed By :Christian Giraldo 02/02/2023
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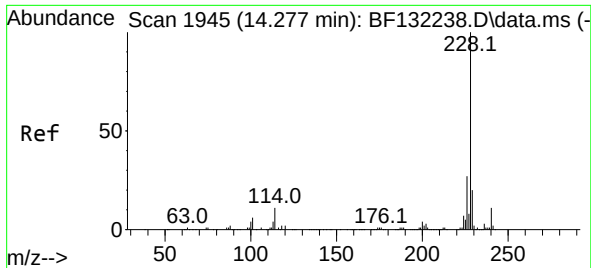


#79
Terphenyl-d14
Concen: 61.878 ng
RT: 13.213 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31



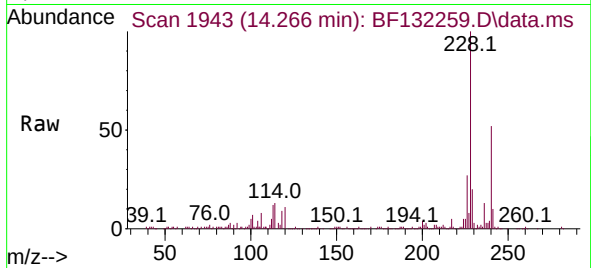
Tgt Ion:244 Resp: 1339204
Ion Ratio Lower Upper
244 100
212 7.6 6.4 9.6
122 11.2 10.5 15.7





#81
Benzo(a)anthracene
Concen: 3.637 ng
RT: 14.266 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

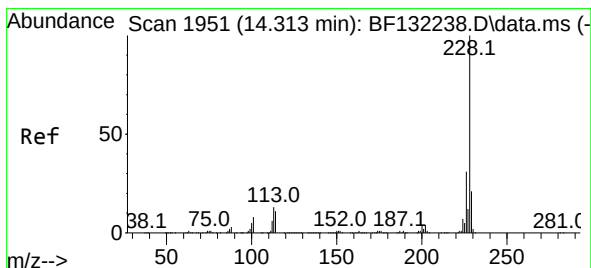
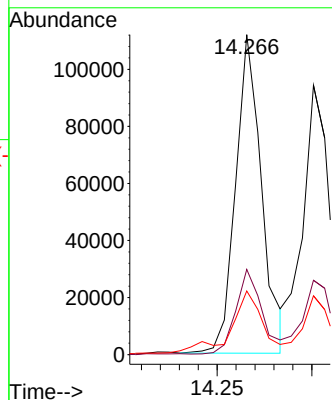
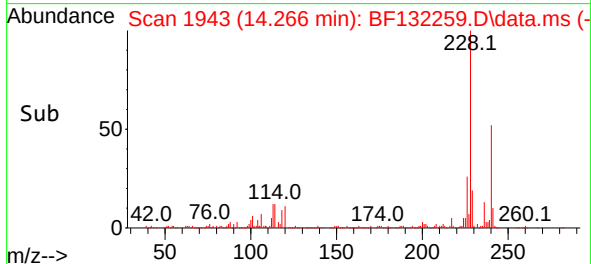
Instrument :
BNA_F
ClientSampleId :
TP-2-WC



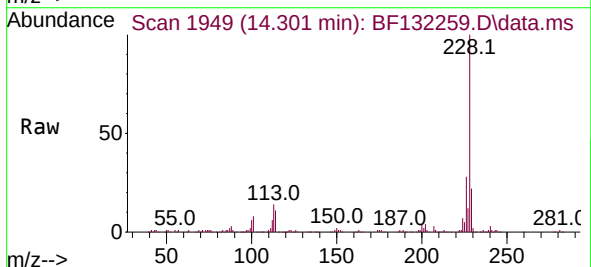
Tgt Ion:228 Resp: 106504
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 19.9 15.8 23.6

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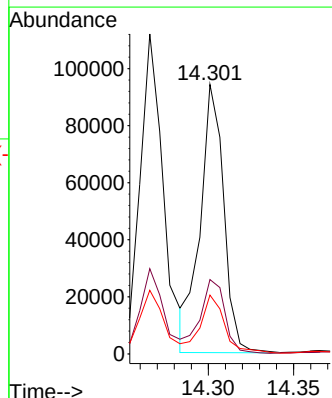
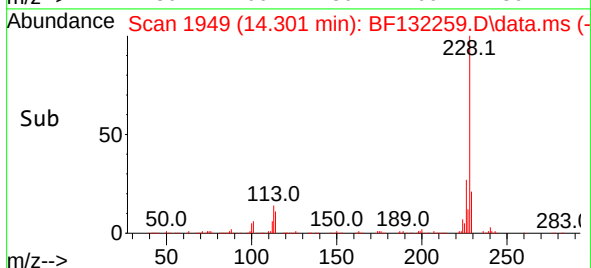
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

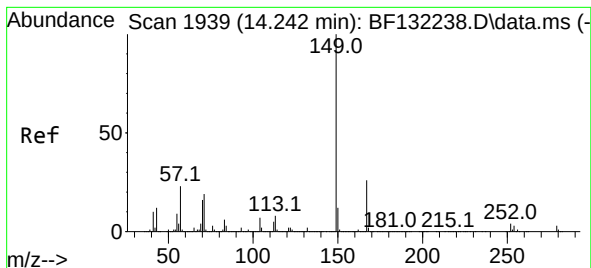


#83
Chrysene
Concen: 3.296 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31



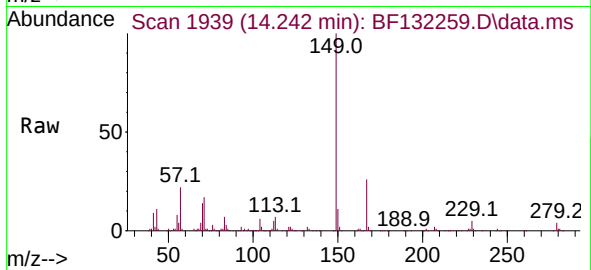
Tgt Ion:228 Resp: 90363
Ion Ratio Lower Upper
228 100
226 27.6 24.9 37.3
229 21.8 16.4 24.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.293 ng
RT: 14.242 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

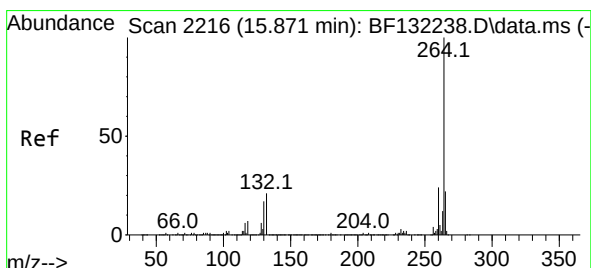
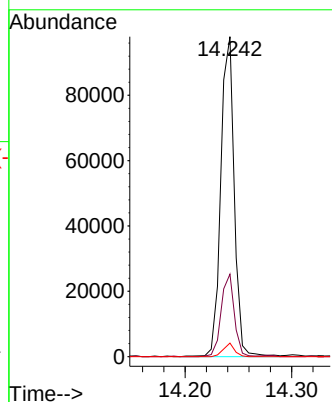
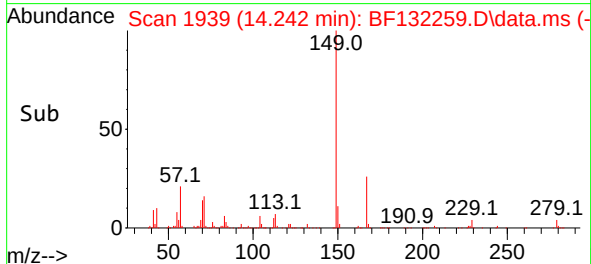
Instrument :
BNA_F
ClientSampleId :
TP-2-WC



Tgt Ion:149 Resp: 86330
Ion Ratio Lower Upper
149 100
167 25.8 20.7 31.1
279 4.2 2.7 4.1

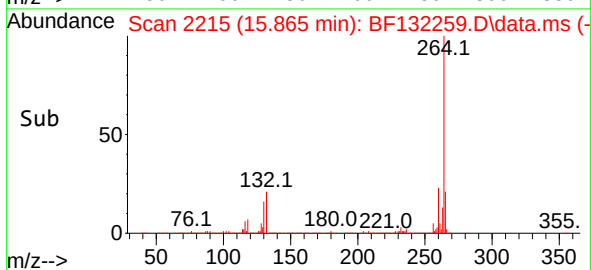
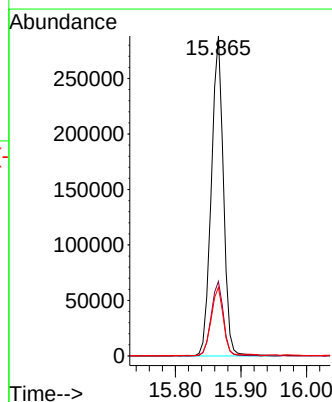
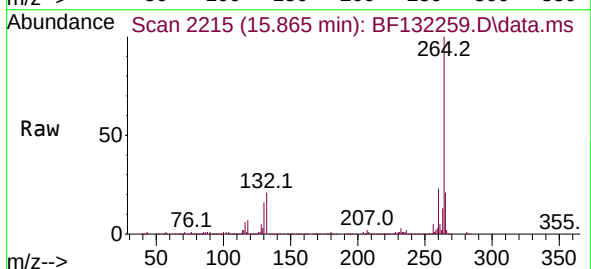
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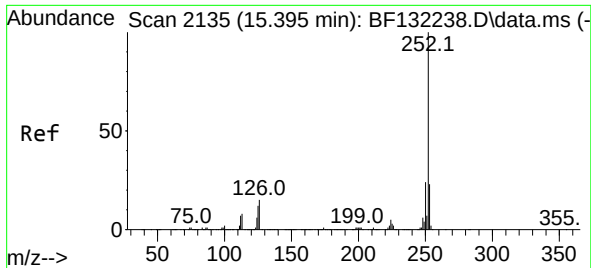
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.865 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

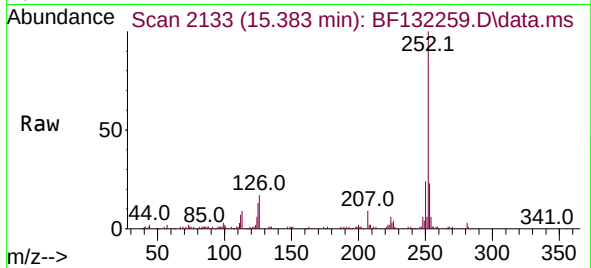
Tgt Ion:264 Resp: 368492
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 21.5 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.251 ng m
RT: 15.383 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

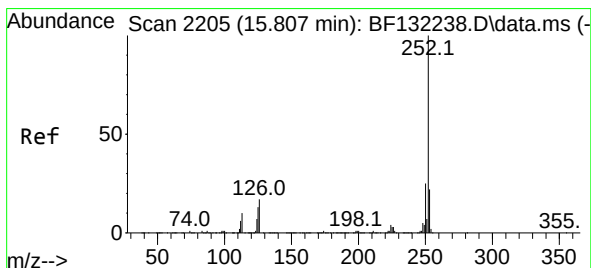
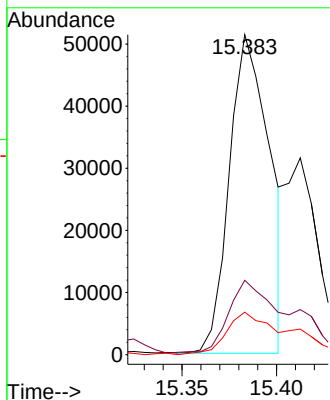
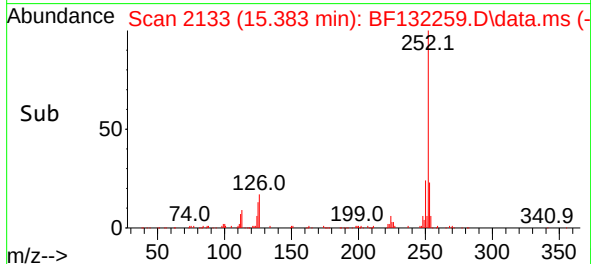
Instrument :
BNA_F
ClientSampleId :
TP-2-WC



Tgt Ion:252 Resp: 76150
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 13.3 9.6 14.4

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



#90
Benzo(a)pyrene
Concen: 2.640 ng
RT: 15.789 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BF132259.D
Acq: 01 Feb 2023 14:31

Tgt Ion:252 Resp: 57586
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 14.4 10.2 15.4

