

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135603.D
 Acq On : 05 Oct 2023 17:03
 Operator : CG\JU
 Sample : 04712-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 03:43:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	124406	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	465452	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	217739	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	373020	20.000	ng	0.00
76) Chrysene-d12	13.927	240	213157	20.000	ng	0.00
86) Perylene-d12	15.392	264	238650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	913293	119.401	ng	0.01
7) Phenol-d6	6.393	99	1099455	113.042	ng	0.00
23) Nitrobenzene-d5	7.304	82	691535	80.719	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	226193	104.535	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1146052	79.410	ng	0.00
79) Terphenyl-d14	12.863	244	886003	64.435	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.292	178	47725	2.705	ng	99
75) Fluoranthene	12.486	202	89520	4.870	ng	98
78) Pyrene	12.716	202	72931	3.594	ng	99
81) Benzo(a)anthracene	13.916	228	39720	2.886	ng	98
83) Chrysene	13.951	228	33707	2.463	ng	99
88) Benzo(b)fluoranthene	14.968	252	37108m	2.872	ng	
90) Benzo(a)pyrene	15.333	252	28400	2.305	ng	96

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

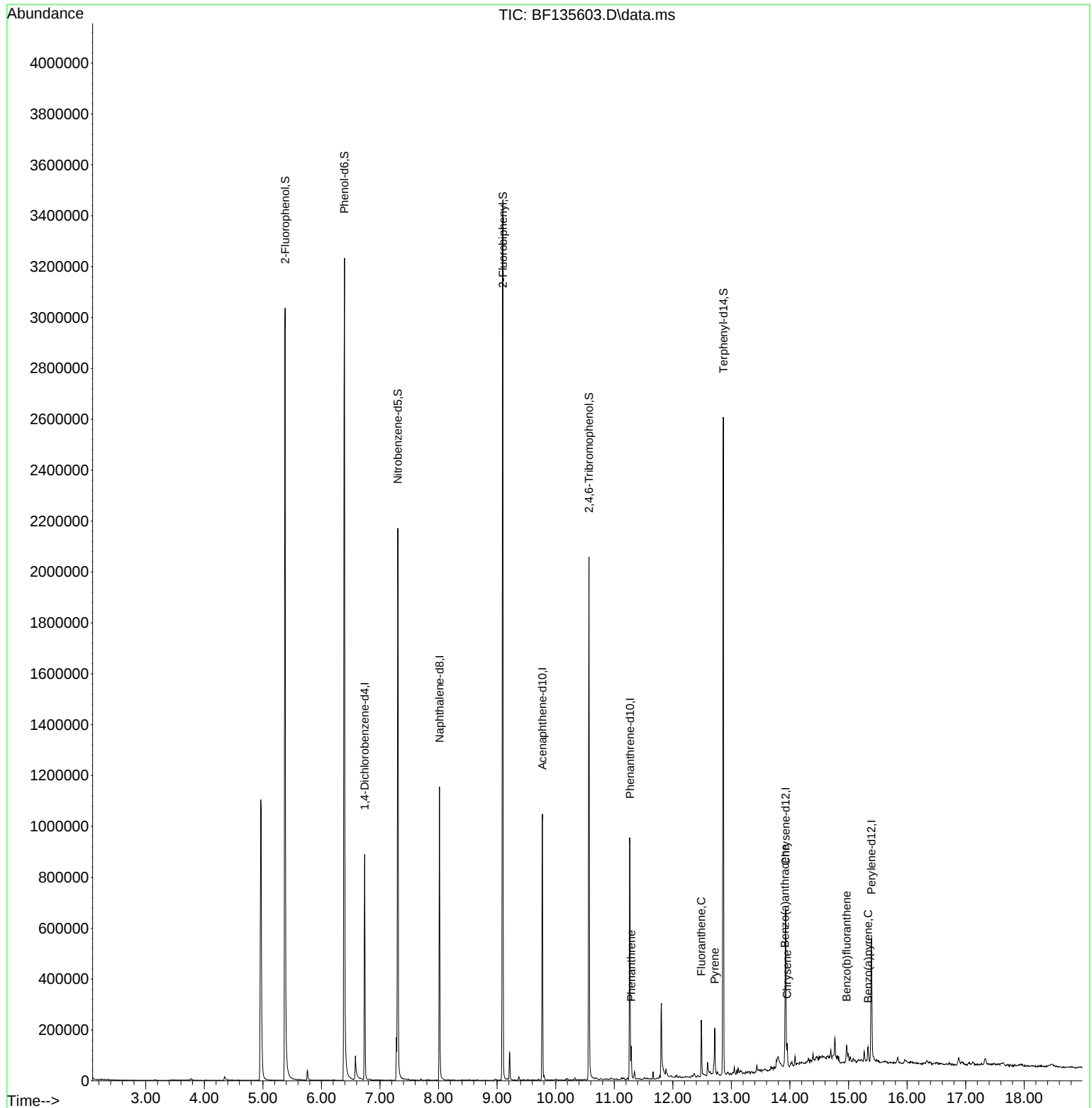
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
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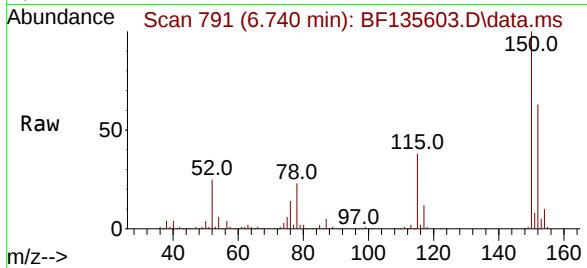
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Supervised By :mohammad ahmed 10/07/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

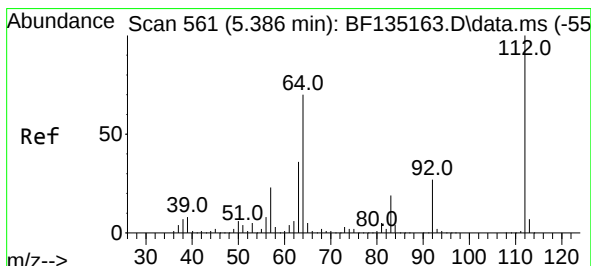
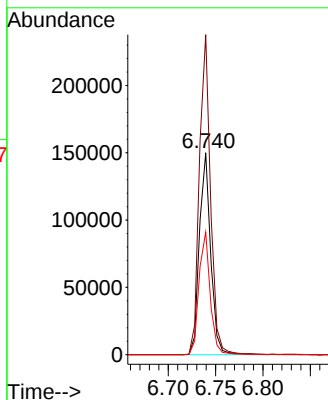
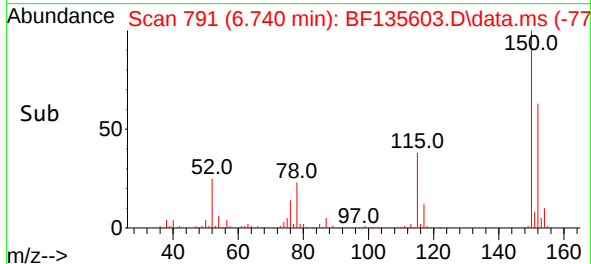
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:152 Resp: 124400
Ion Ratio Lower Upper
152 100
150 158.5 127.8 191.6
115 60.7 49.8 74.8

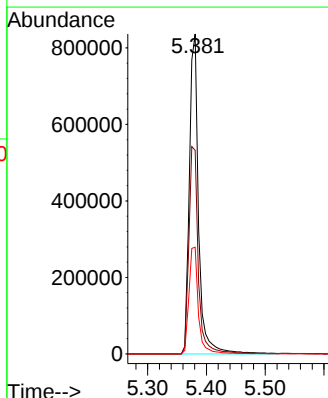
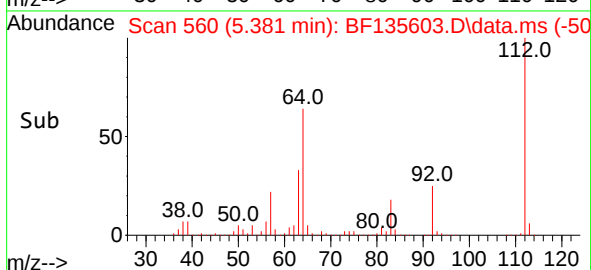
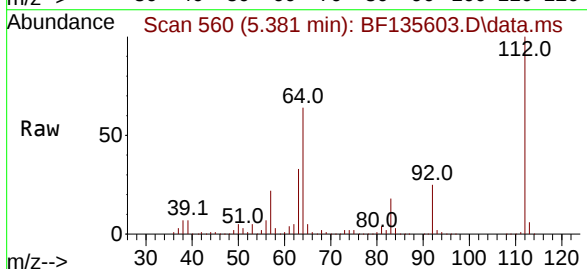
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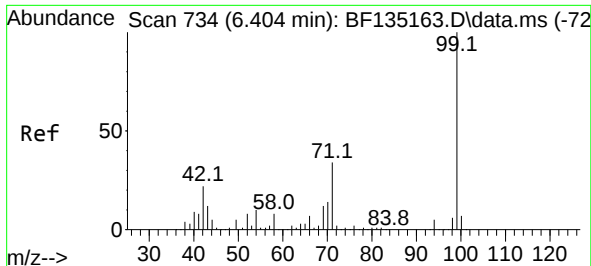
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#5
2-Fluorophenol
Concen: 119.401 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

Tgt Ion:112 Resp: 913293
Ion Ratio Lower Upper
112 100
64 63.6 55.9 83.9
63 33.4 29.0 43.6





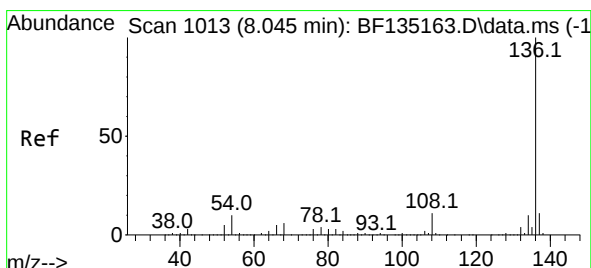
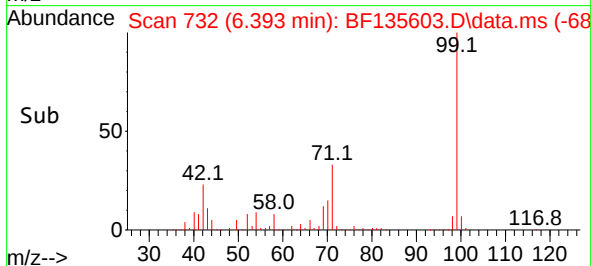
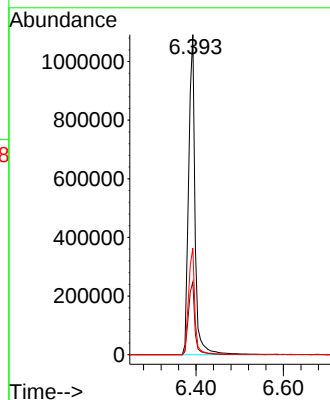
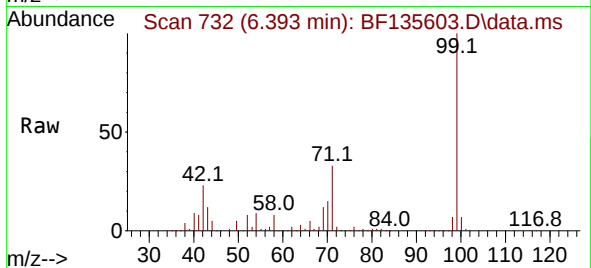
#7
Phenol-d6
Concen: 113.042 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 109945
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 33.3 27.0 40.6

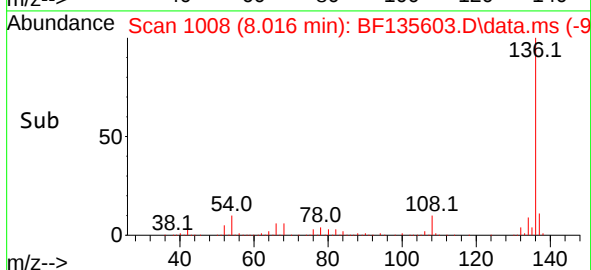
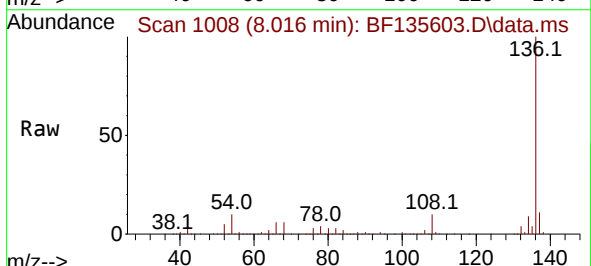
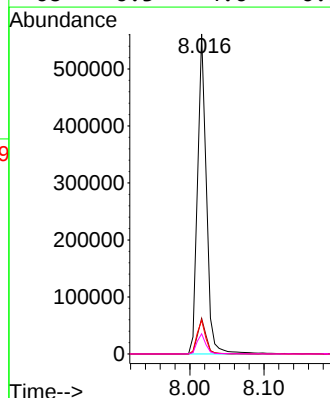
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

Tgt Ion:136 Resp: 465452
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.5 7.7 11.5
68 6.3 4.6 6.8





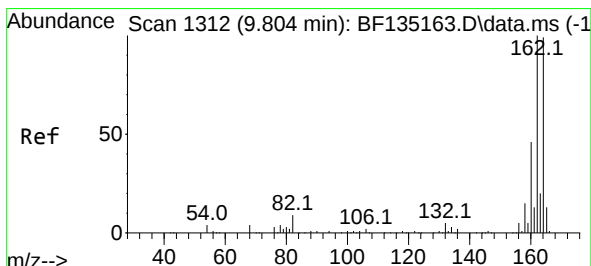
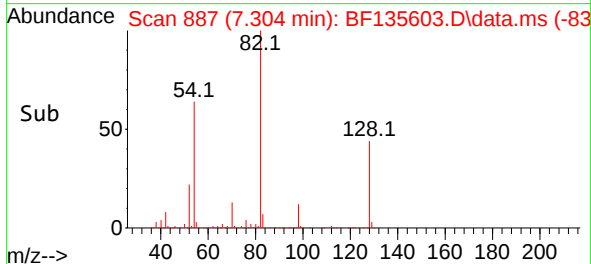
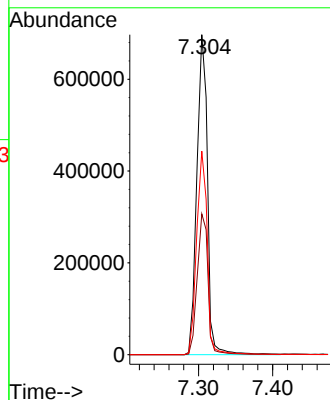
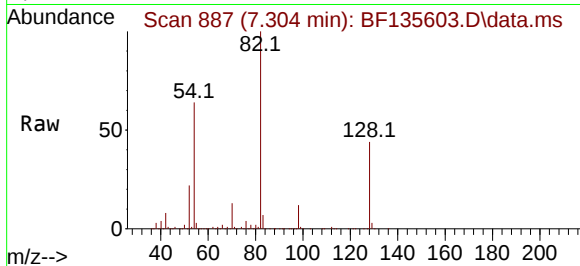
#23
Nitrobenzene-d5
Concen: 80.719 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 82 Resp: 69153
Ion Ratio Lower Upper
82 100
128 44.0 35.8 53.6
54 63.6 50.6 76.0

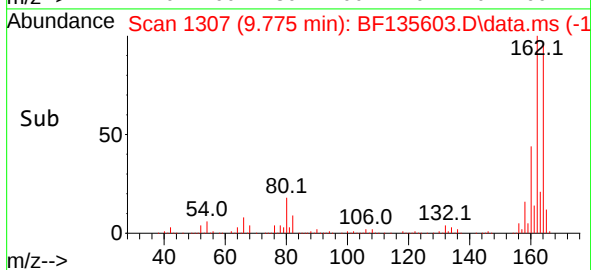
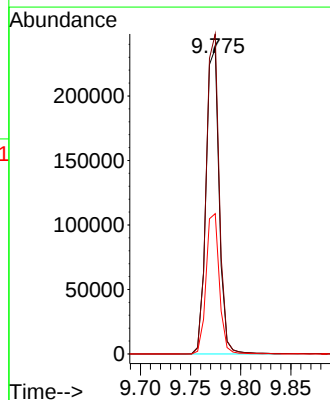
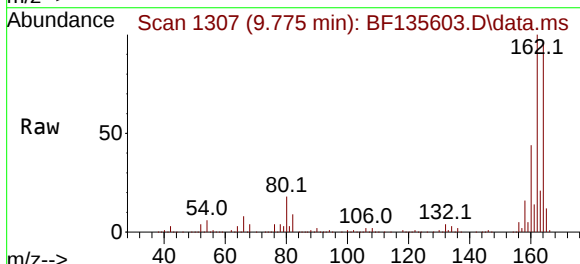
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

Tgt Ion:164 Resp: 217739
Ion Ratio Lower Upper
164 100
162 104.7 81.0 121.4
160 45.9 37.0 55.4





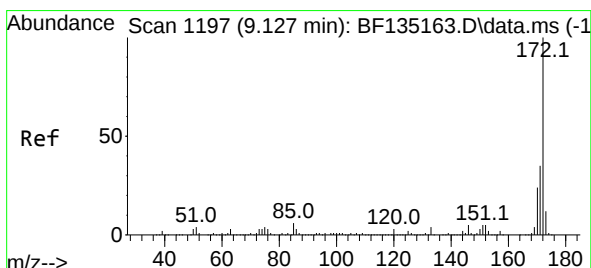
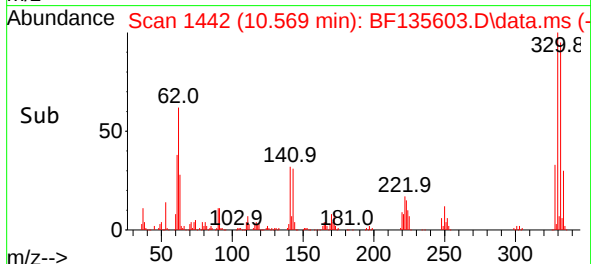
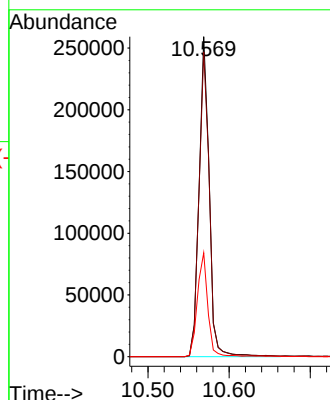
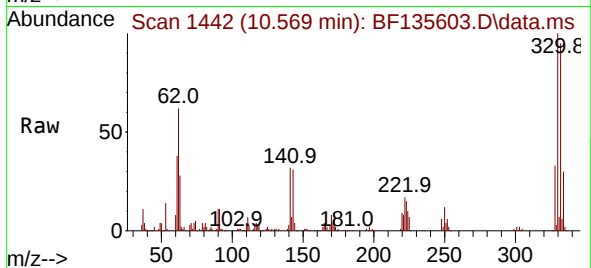
#42
2,4,6-Tribromophenol
Concen: 104.535 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 330 Resp: 22619
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 33.8 25.8 38.8

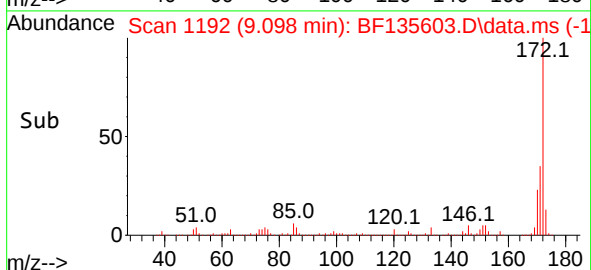
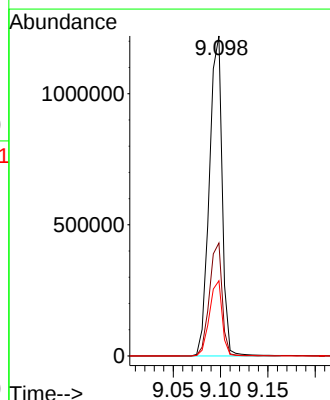
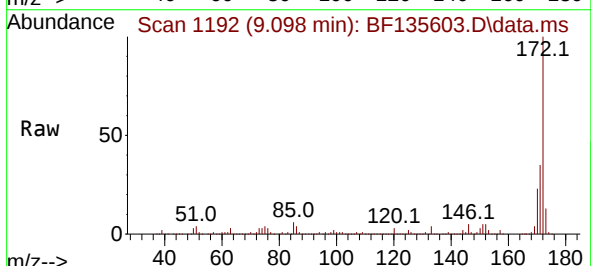
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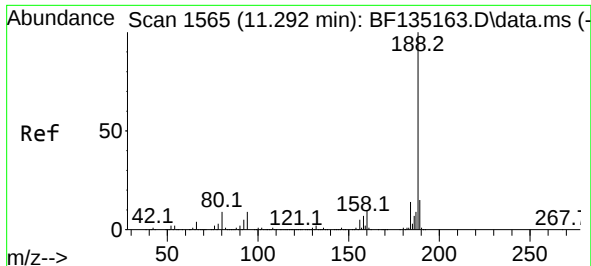
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Supervised By : mohammad ahmed 10/07/2023



#45
2-Fluorobiphenyl
Concen: 79.410 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

Tgt Ion: 172 Resp: 1146052
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.5 19.0 28.4





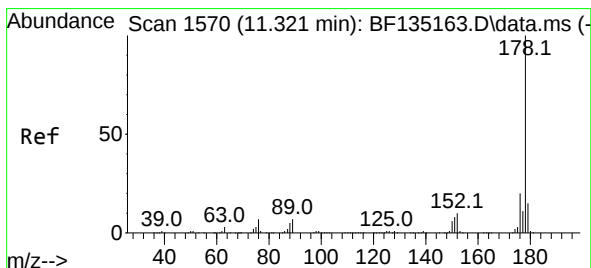
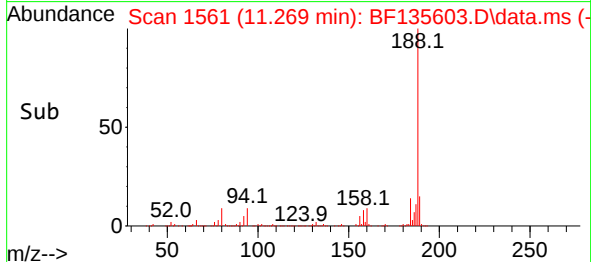
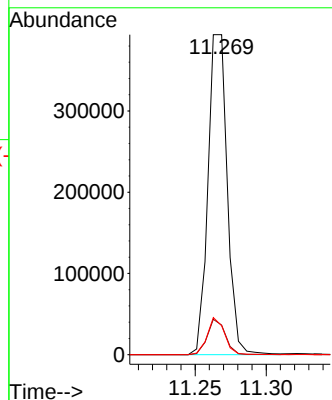
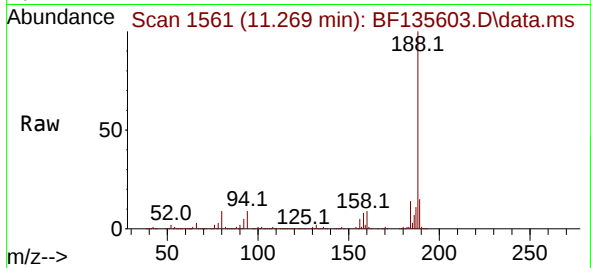
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:188 Resp: 373020
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.0 7.5 11.3

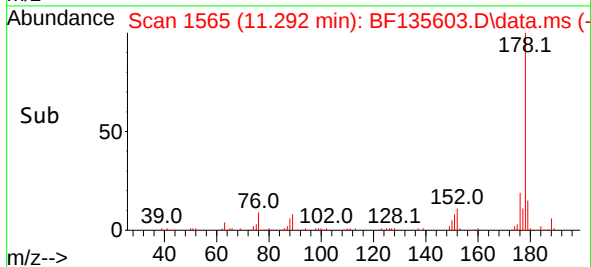
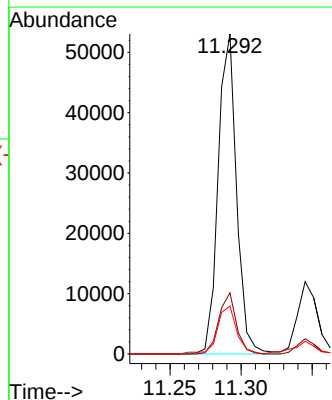
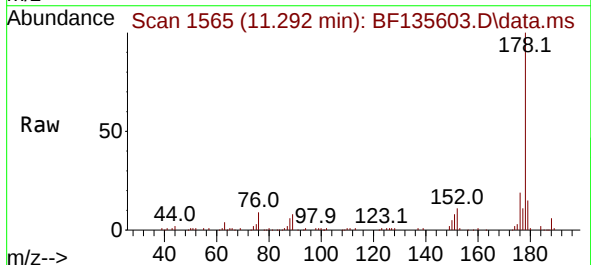
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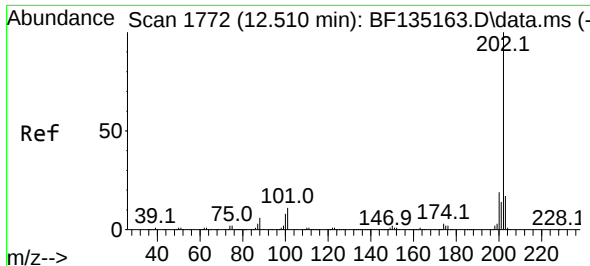
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Supervised By :mohammad ahmed 10/07/2023



#71
Phenanthrene
Concen: 2.705 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

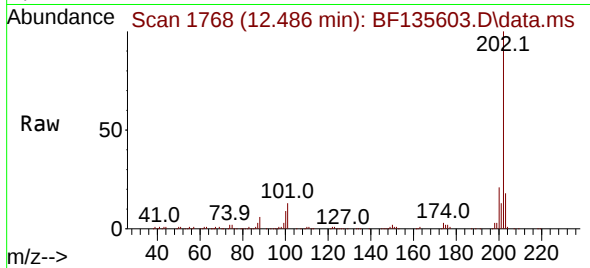
Tgt Ion:178 Resp: 47725
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 14.9 12.0 18.0





#75
Fluoranthene
Concen: 4.870 ng
RT: 12.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

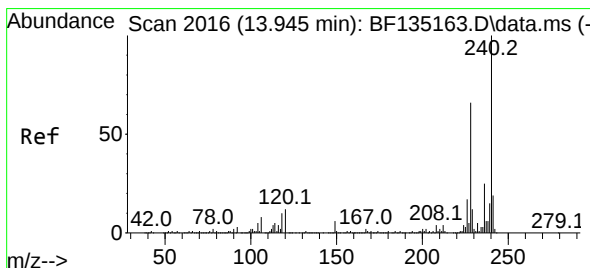
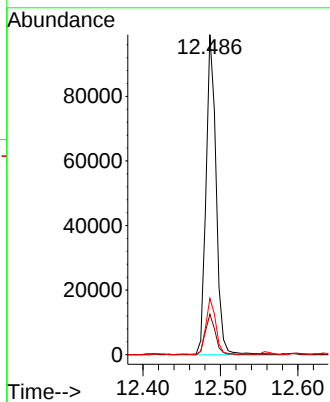
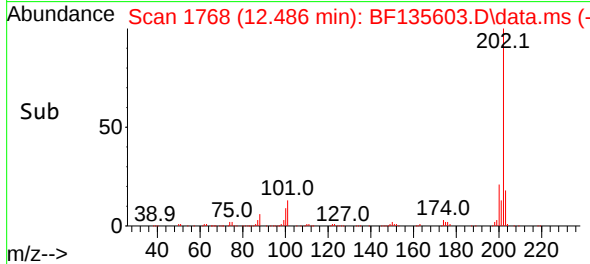
Instrument :
BNA_F
ClientSampleId :
WC-1



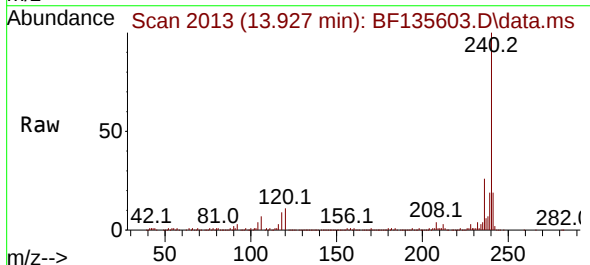
Tgt Ion:202 Resp: 89520
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.3
203 17.6 0.0 37.4

Manual Integrations
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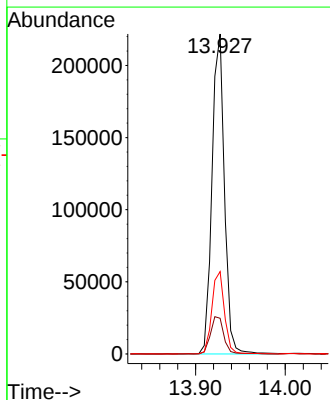
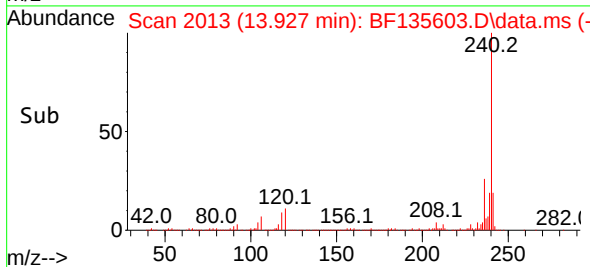
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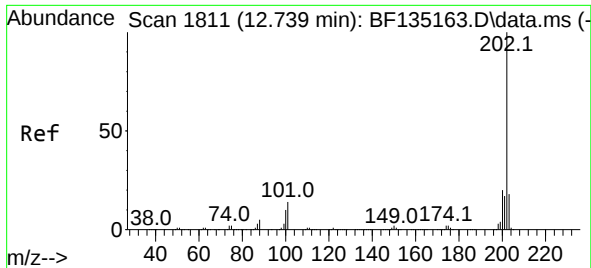


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03



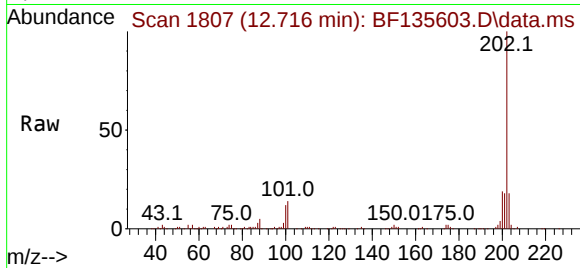
Tgt Ion:240 Resp: 213157
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.7 19.8 29.8





#78
Pyrene
Concen: 3.594 ng
RT: 12.716 min Scan# 1807
Delta R.T. 0.000 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

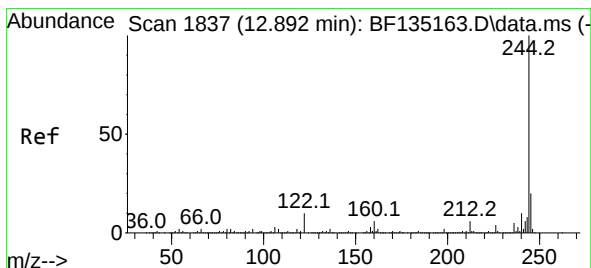
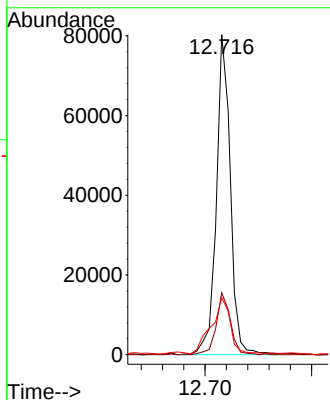
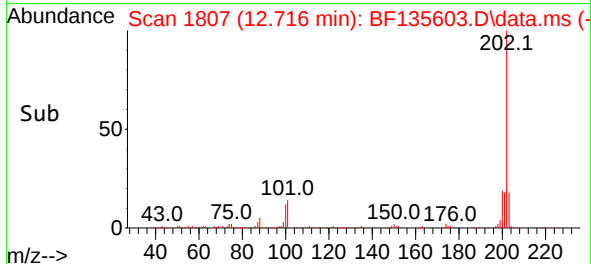
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:202 Resp: 7293
Ion Ratio Lower Upper
202 100
200 19.3 16.2 24.2
203 17.8 14.2 21.4

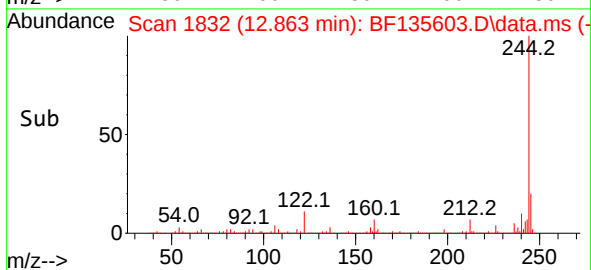
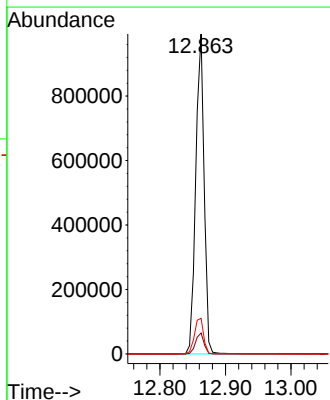
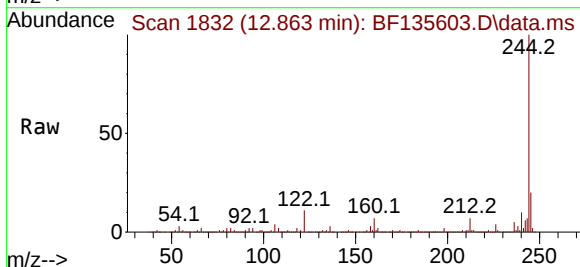
Manual Integrations
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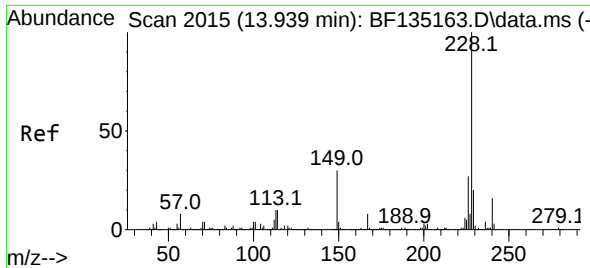
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#79
Terphenyl-d14
Concen: 64.435 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

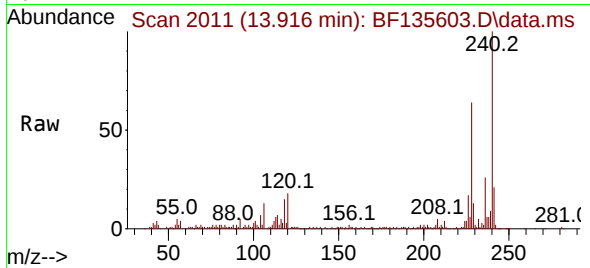
Tgt Ion:244 Resp: 886003
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 11.2 7.9 11.9





#81
Benzo(a)anthracene
Concen: 2.886 ng
RT: 13.916 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

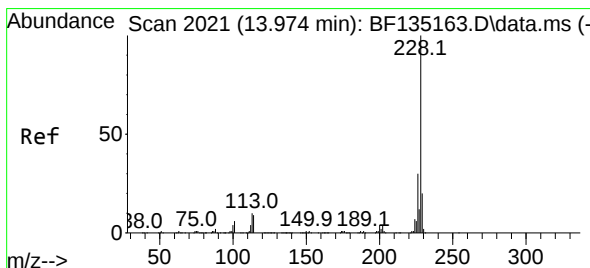
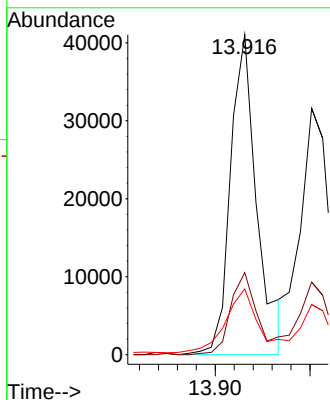
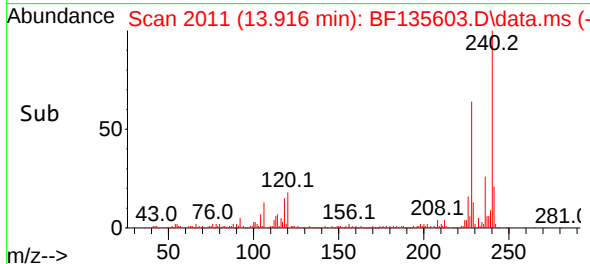
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:228 Resp: 39720
Ion Ratio Lower Upper
228 100
226 25.7 21.7 32.5
229 20.6 15.8 23.8

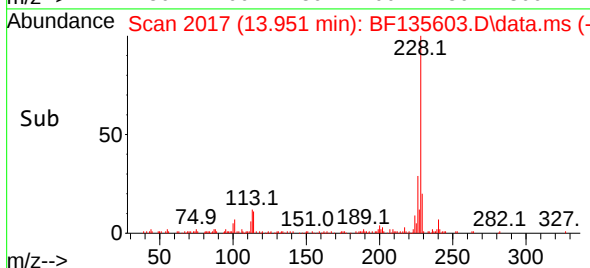
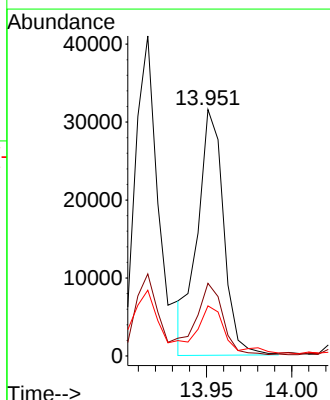
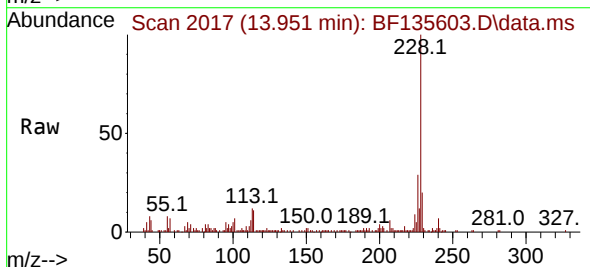
Manual Integrations
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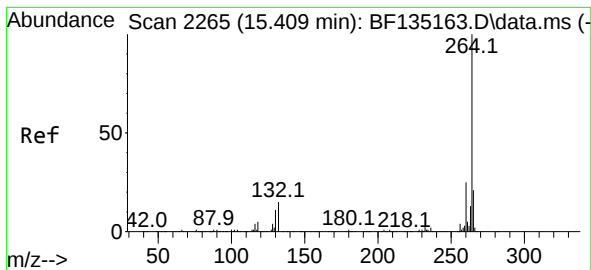
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#83
Chrysene
Concen: 2.463 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

Tgt Ion:228 Resp: 33707
Ion Ratio Lower Upper
228 100
226 29.5 24.3 36.5
229 20.3 16.0 24.0





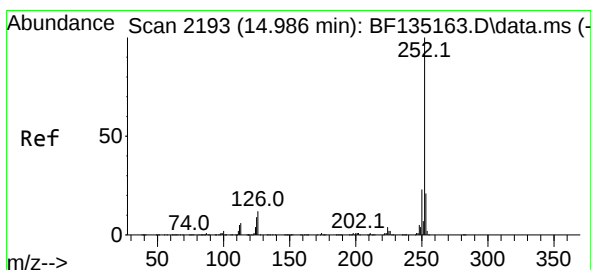
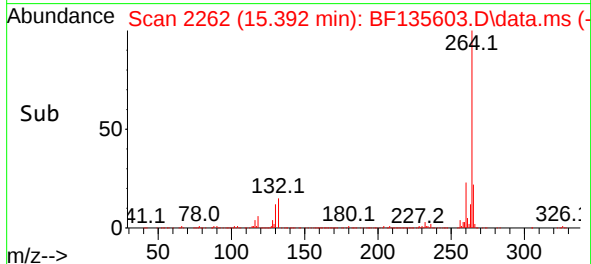
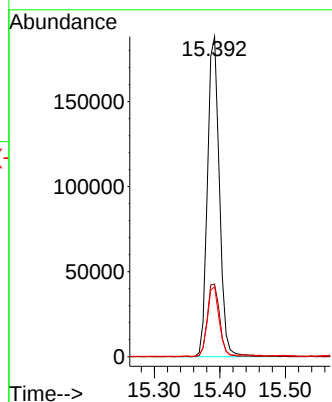
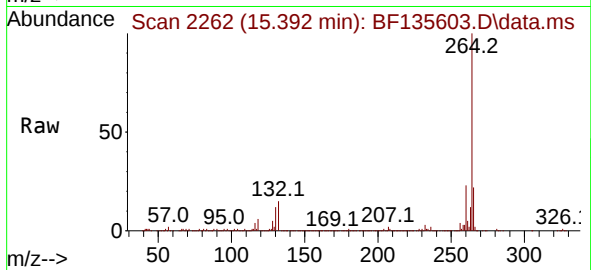
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2190
Delta R.T. 0.006 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:264 Resp: 238650
Ion Ratio Lower Upper
264 100
260 22.7 19.8 29.6
265 21.8 17.0 25.4

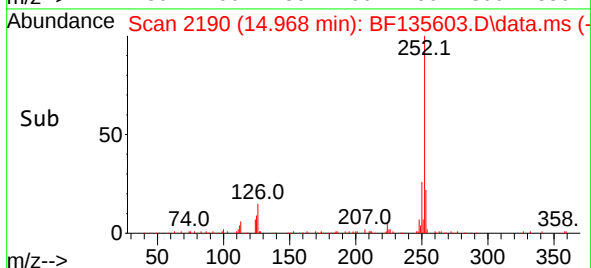
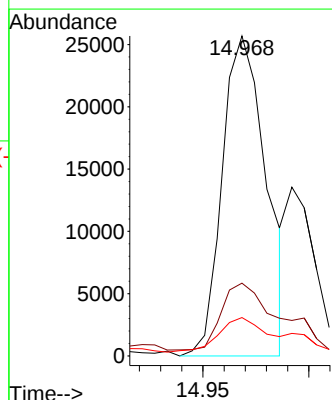
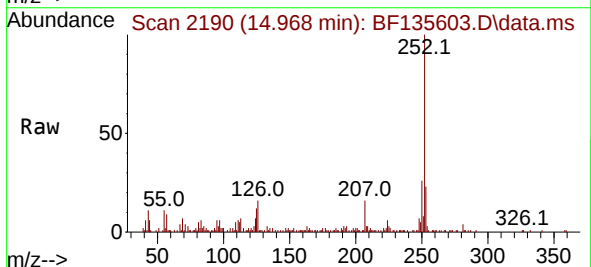
Manual Integrations
APPROVED

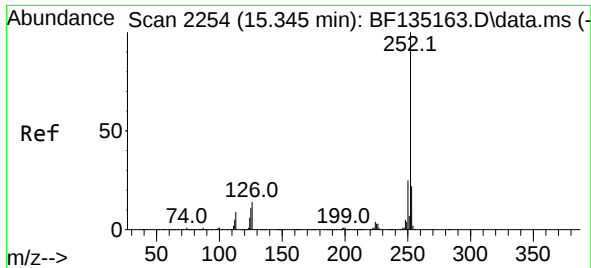
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#88
Benzo(b)fluoranthene
Concen: 2.872 ng m
RT: 14.968 min Scan# 2190
Delta R.T. 0.006 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

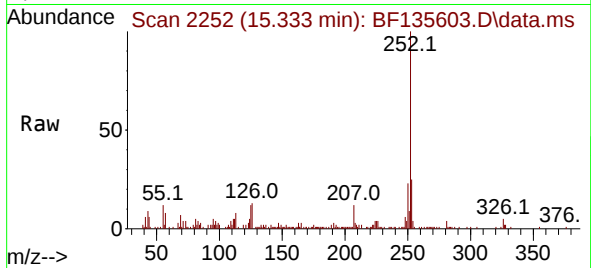
Tgt Ion:252 Resp: 37108
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 12.0 7.1 10.7#





#90
Benzo(a)pyrene
Concen: 2.305 ng
RT: 15.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135603.D
Acq: 05 Oct 2023 17:03

Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:252 Resp: 28400
Ion Ratio Lower Upper
252 100
253 24.8 17.5 26.3
125 12.0 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

