

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130510.D
 Acq On : 03 Oct 2022 21:02
 Operator : CG\JU
 Sample : N4946-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-093022

Quant Time: Oct 04 03:20:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
 Supervised By :mohammad ahmed 10/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	68338	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	262013	20.000	ng	0.00
39) Acenaphthene-d10	9.669	164	120608	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	212613	20.000	ng	0.00
76) Chrysene-d12	13.786	240	171489	20.000	ng	0.00
86) Perylene-d12	15.180	264	113764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	423912	107.592	ng	0.00
7) Phenol-d6	6.281	99	477766	96.913	ng	-0.01
23) Nitrobenzene-d5	7.204	82	365742	71.314	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	118441	102.488	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	501805	60.587	ng	-0.01
79) Terphenyl-d14	12.745	244	650588	62.843	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.175	178	25563	2.141	ng	96
75) Fluoranthene	12.363	202	83983m	7.281	ng	
78) Pyrene	12.598	202	70900	4.726	ng	98
80) Butylbenzylphthalate	13.222	149	21496	3.868	ng	# 71
81) Benzo(a)anthracene	13.774	228	36088	3.163	ng	# 90
83) Chrysene	13.810	228	39676	3.663	ng	# 93
88) Benzo(b)fluoranthene	14.786	252	41238m	5.554	ng	
90) Benzo(a)pyrene	15.121	252	22595	3.841	ng	# 75
92) Benzo(g,h,i)perylene	16.898	276	16194	2.429	ng	# 82

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

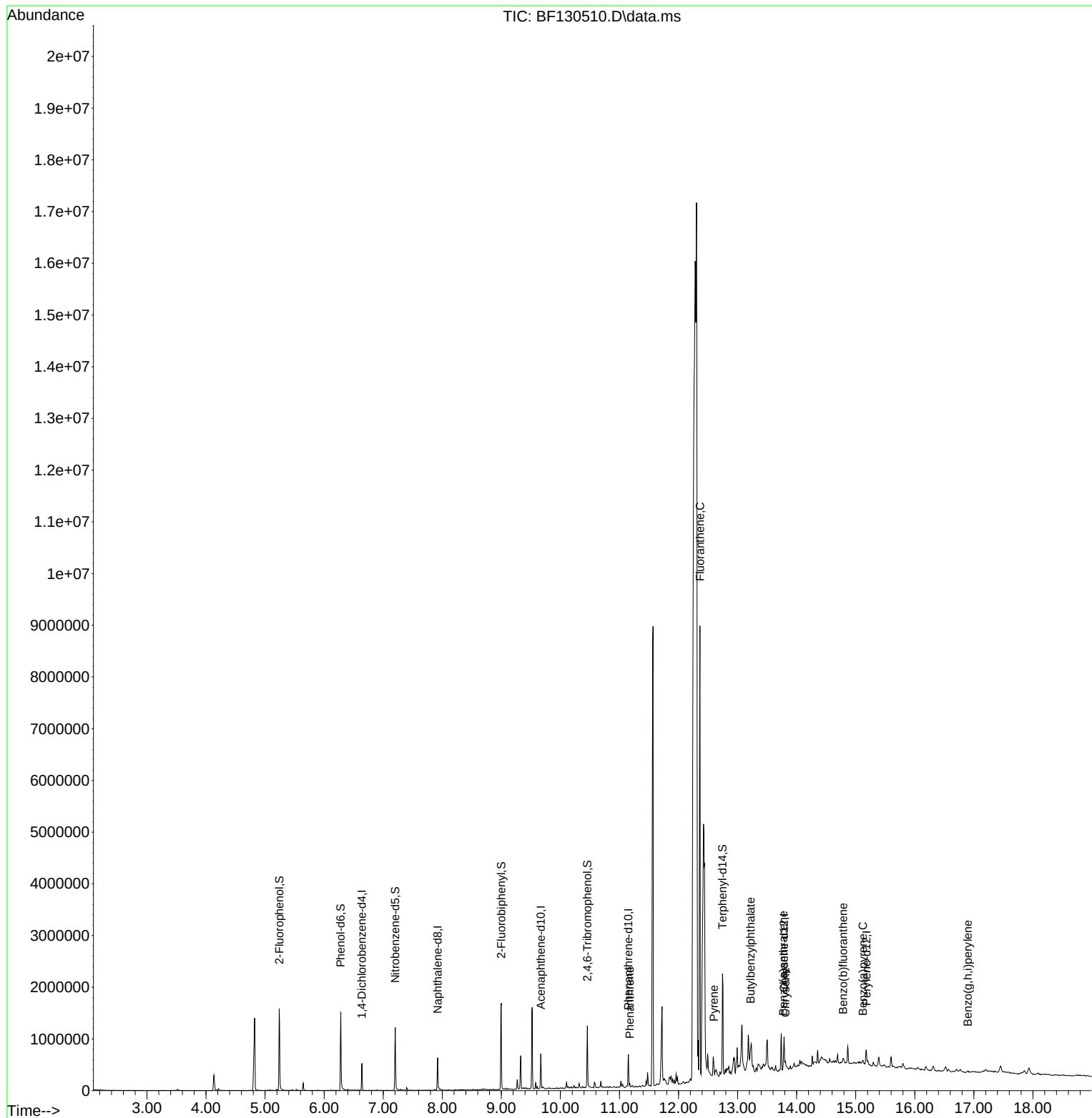
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130510.D
Acq On : 03 Oct 2022 21:02
Operator : CG\JU
Sample : N4946-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

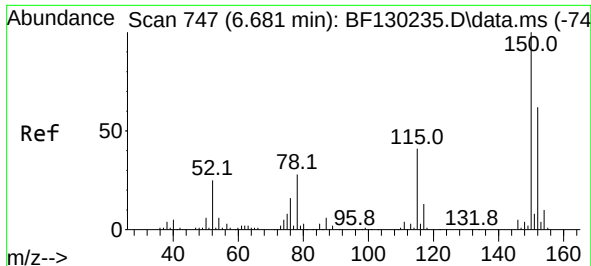
Instrument :
BNA_F
ClientSampleId :
HD-01-093022

Quant Time: Oct 04 03:20:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

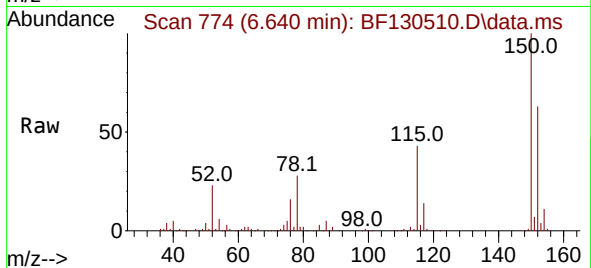
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.640 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

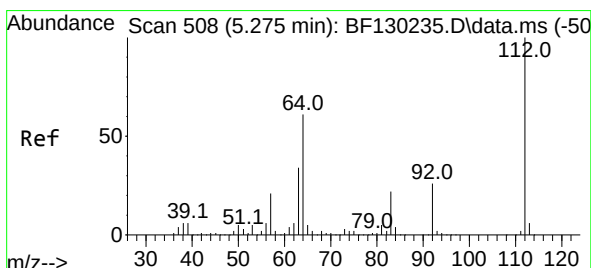
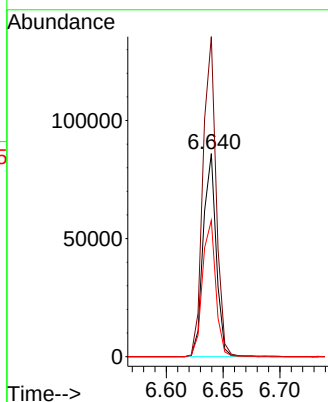
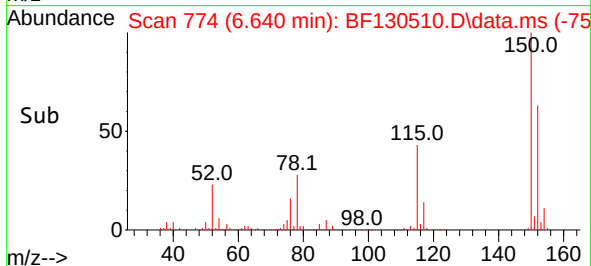
Instrument :
BNA_F
ClientSampleId :
HD-01-093022



Tgt Ion:152 Resp: 68338
Ion Ratio Lower Upper
152 100
150 157.6 122.8 184.2
115 67.1 53.8 80.8

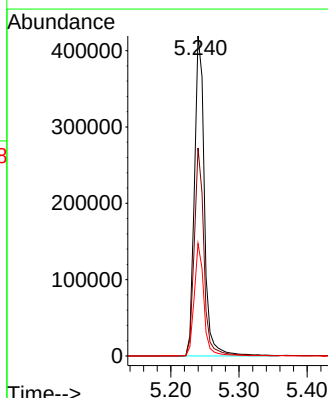
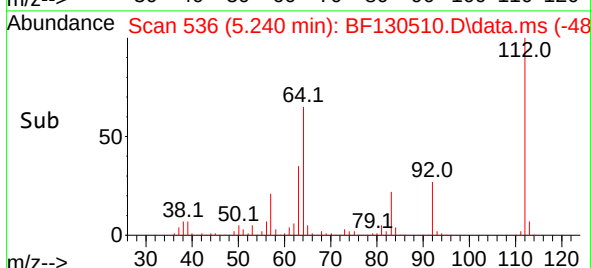
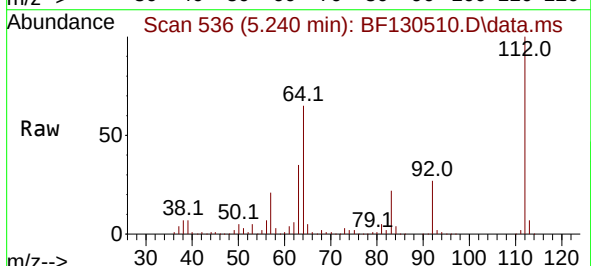
Manual Integrations
APPROVED

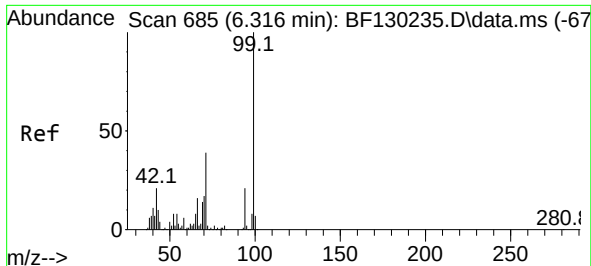
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#5
2-Fluorophenol
Concen: 107.592 ng
RT: 5.240 min Scan# 536
Delta R.T. -0.006 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

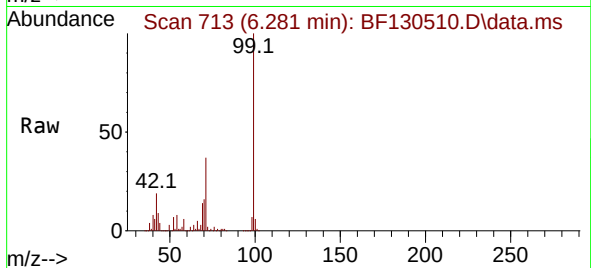
Tgt Ion:112 Resp: 423912
Ion Ratio Lower Upper
112 100
64 65.0 51.4 77.0
63 35.2 28.8 43.2





#7
Phenol-d6
Concen: 96.913 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

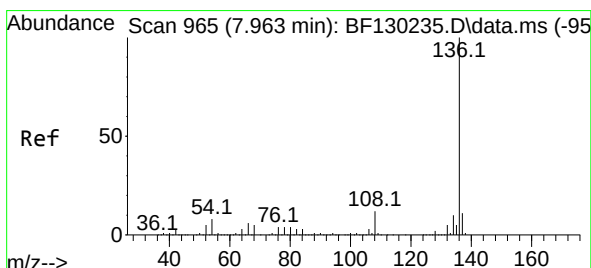
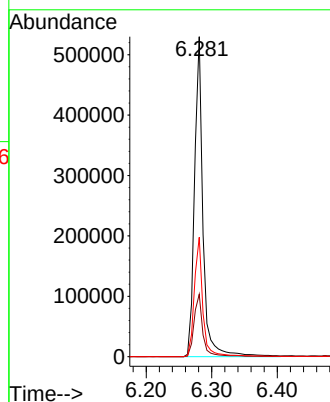
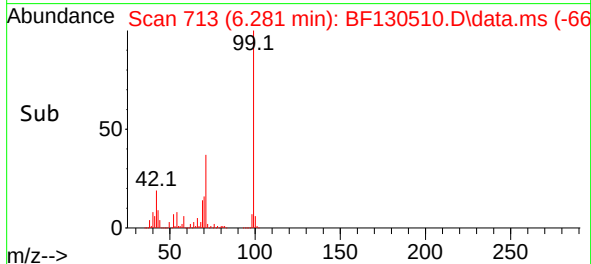
Instrument :
BNA_F
ClientSampleId :
HD-01-093022



Tgt Ion: 99 Resp: 477760
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 37.3 32.3 48.5

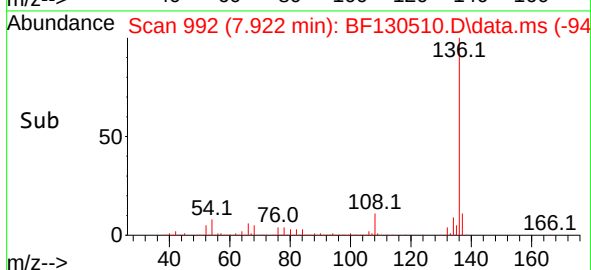
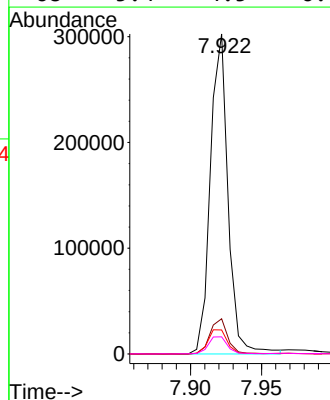
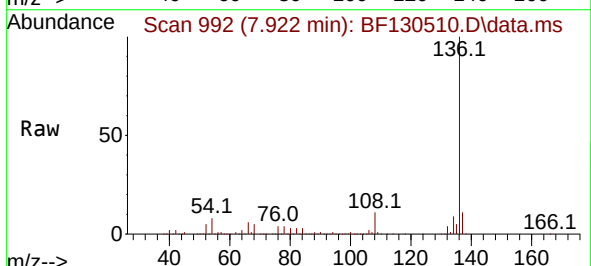
Manual Integrations
APPROVED

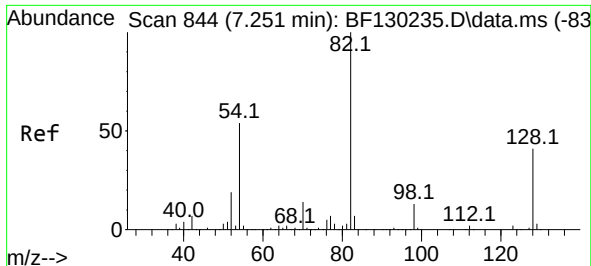
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

Tgt Ion:136 Resp: 262013
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.5 7.1 10.7
68 5.4 4.5 6.7





#23
Nitrobenzene-d5
Concen: 71.314 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

Instrument :

BNA_F

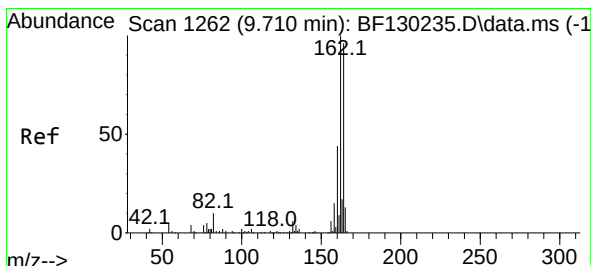
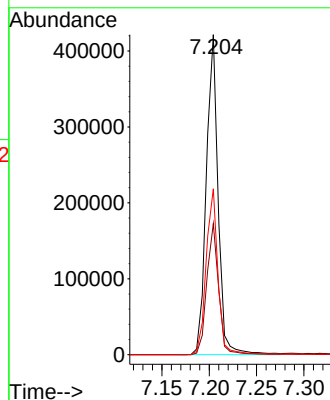
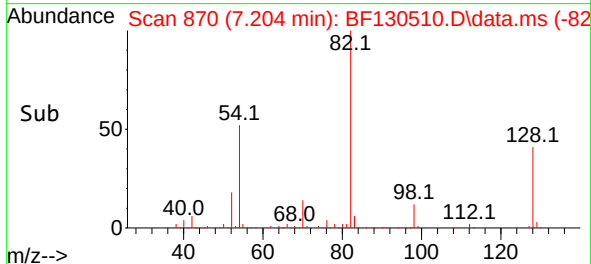
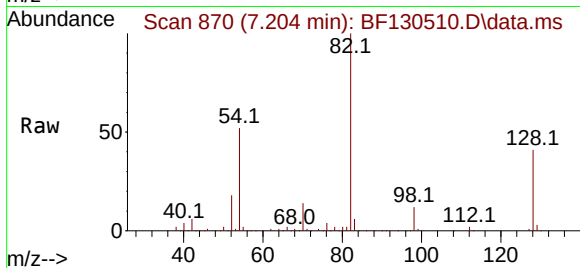
ClientSampleId :

HD-01-093022

Tgt Ion: 82 Resp: 36574
Ion Ratio Lower Upper
82 100
128 40.9 32.6 49.0
54 51.8 43.8 65.6

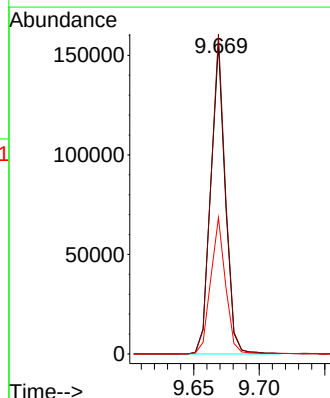
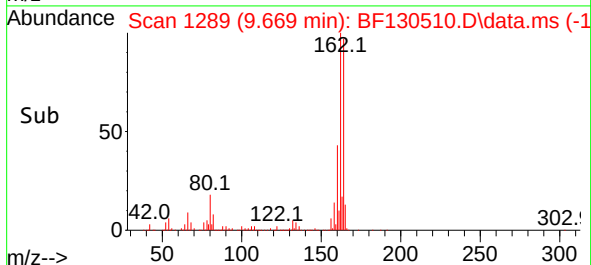
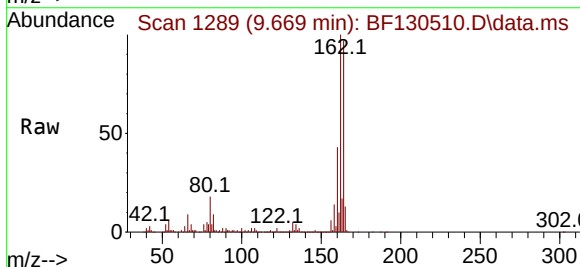
Manual Integrations
APPROVED

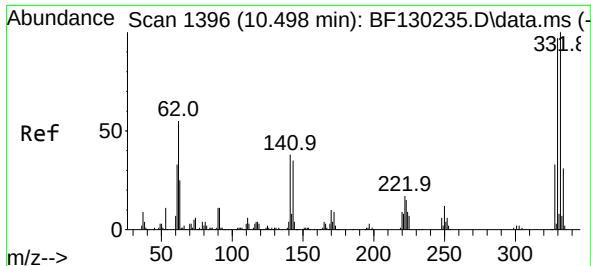
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

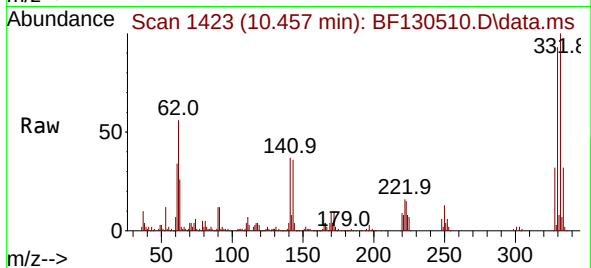
Tgt Ion:164 Resp: 120608
Ion Ratio Lower Upper
164 100
162 103.1 81.4 122.0
160 44.0 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 102.488 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

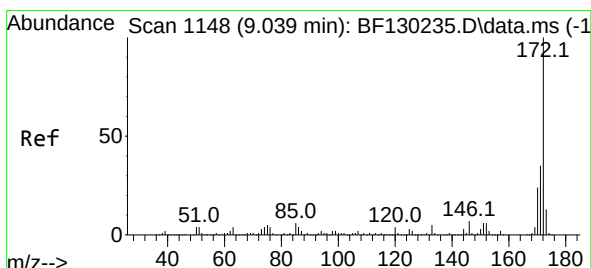
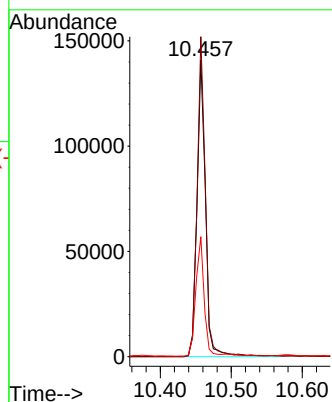
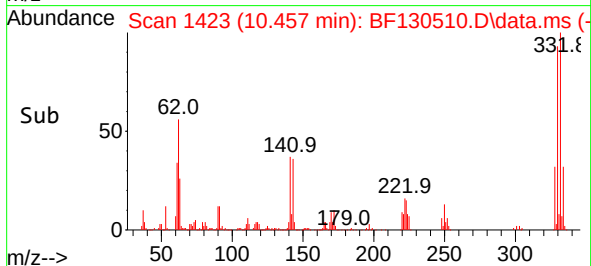
Instrument :
BNA_F
ClientSampleId :
HD-01-093022



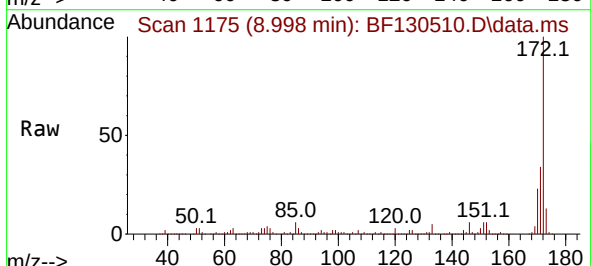
Tgt Ion: 330 Resp: 11844
Ion Ratio Lower Upper
330 100
332 105.3 83.4 125.2
141 40.3 34.0 51.0

Manual Integrations
APPROVED

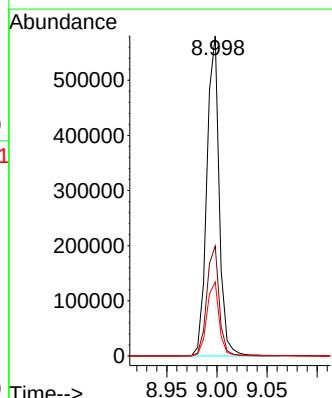
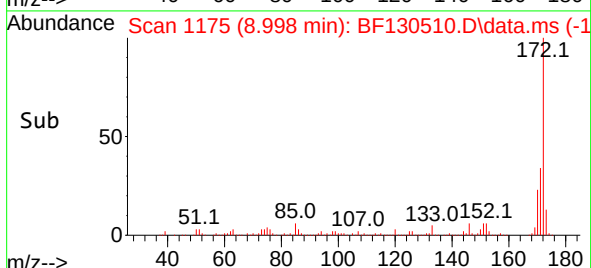
Reviewed By : Jagrut Upadhyay 10/04/2022
Supervised By : mohammad ahmed 10/06/2022

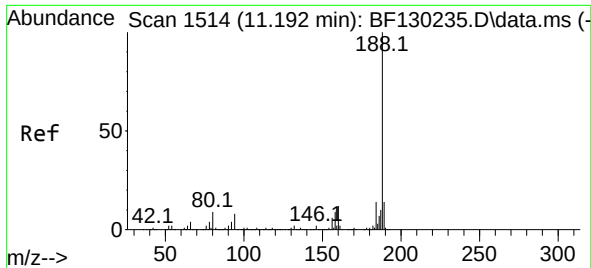


#45
2-Fluorobiphenyl
Concen: 60.587 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02



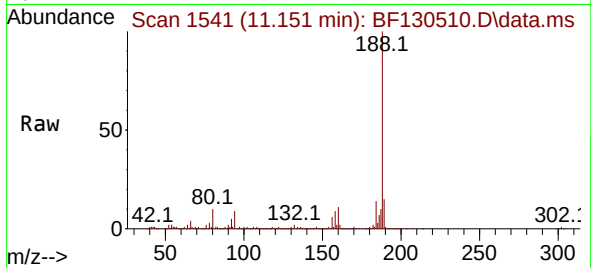
Tgt Ion: 172 Resp: 501805
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.1 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

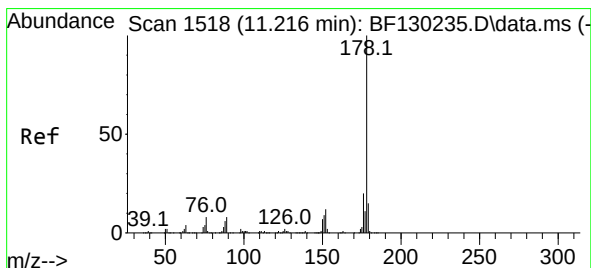
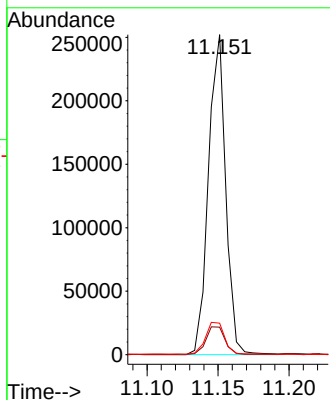
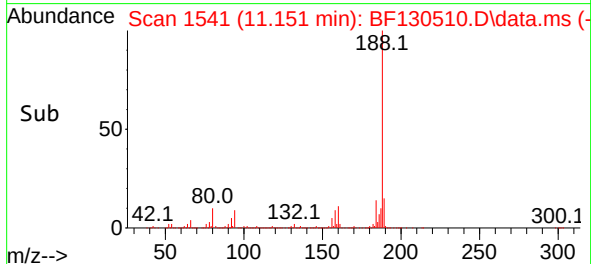
Instrument :
BNA_F
ClientSampleId :
HD-01-093022



Tgt Ion:188 Resp: 21261
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.9 7.9 11.9

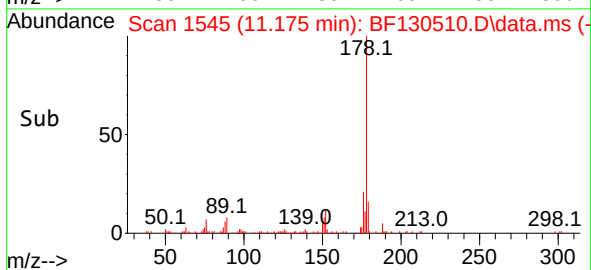
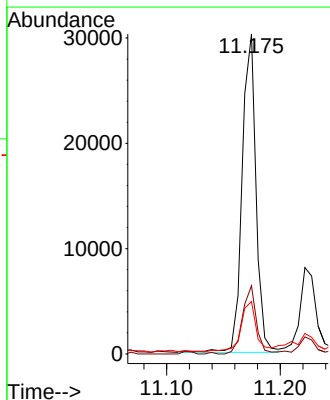
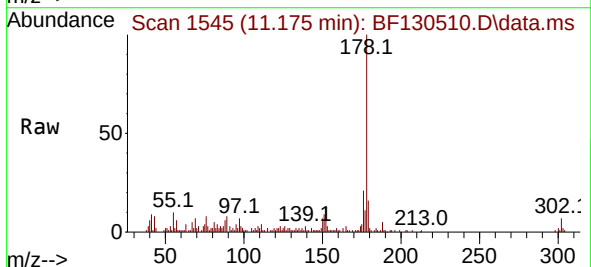
Manual Integrations
APPROVED

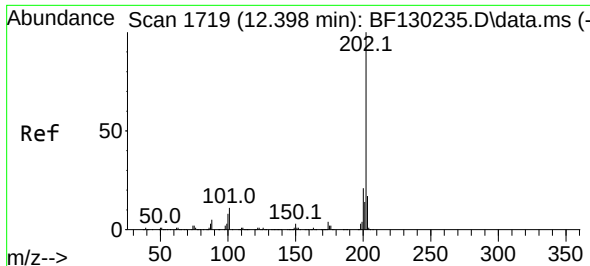
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#71
Phenanthrene
Concen: 2.141 ng
RT: 11.175 min Scan# 1545
Delta R.T. -0.012 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

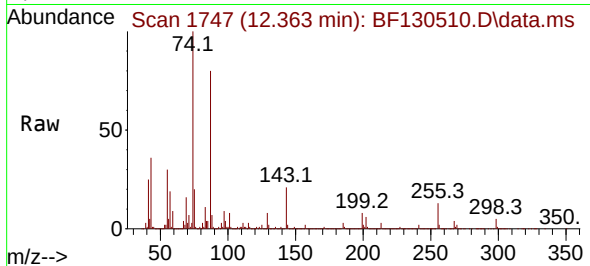
Tgt Ion:178 Resp: 25563
Ion Ratio Lower Upper
178 100
176 21.3 15.4 23.0
179 16.4 12.4 18.6





#75
Fluoranthene
Concen: 7.281 ng m
RT: 12.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

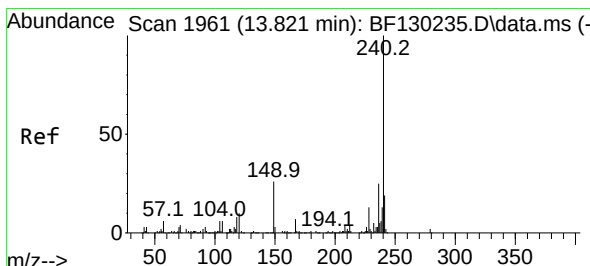
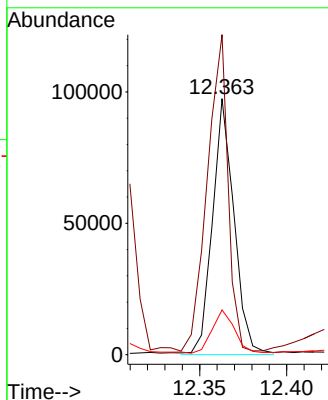
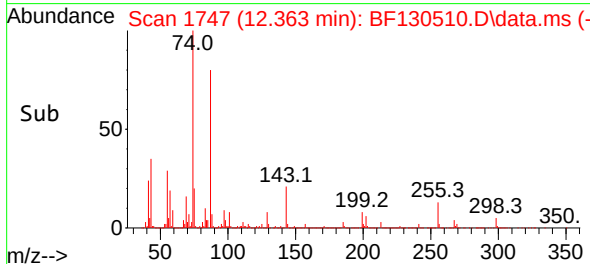
Instrument :
BNA_F
ClientSampleId :
HD-01-093022



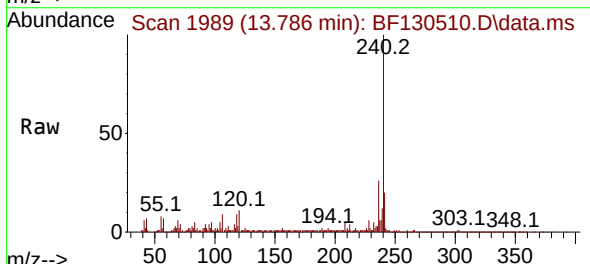
Tgt Ion:202 Resp: 8398
Ion Ratio Lower Upper
202 100
101 125.0 0.0 31.8
203 17.5 0.0 37.8

Manual Integrations
APPROVED

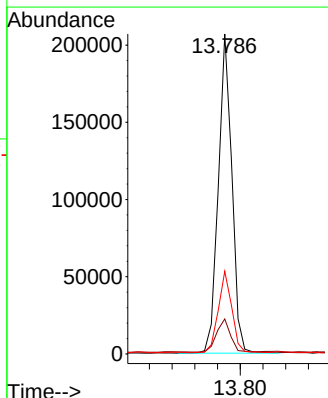
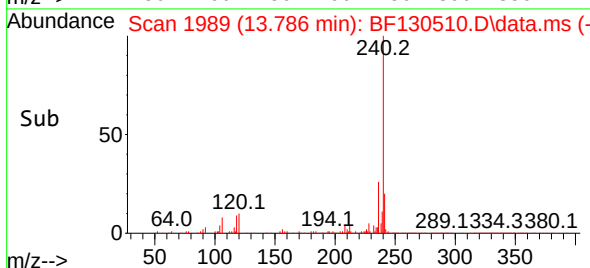
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

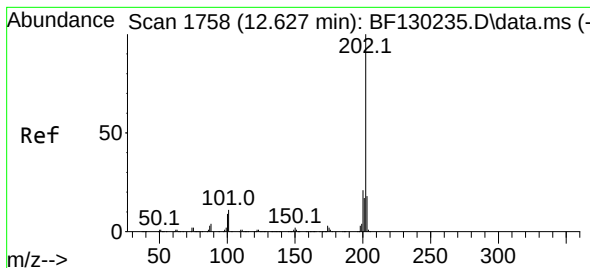


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02



Tgt Ion:240 Resp: 171489
Ion Ratio Lower Upper
240 100
120 11.0 8.7 13.1
236 25.8 20.9 31.3





#78

Pyrene

Concen: 4.726 ng

RT: 12.598 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

Instrument :

BNA_F

ClientSampleId :

HD-01-093022

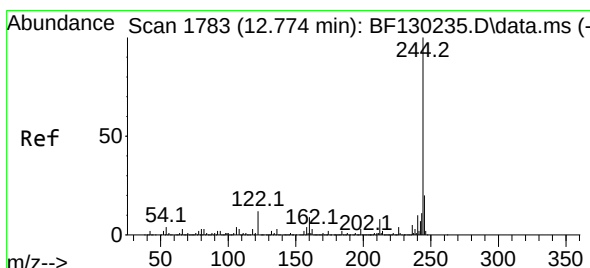
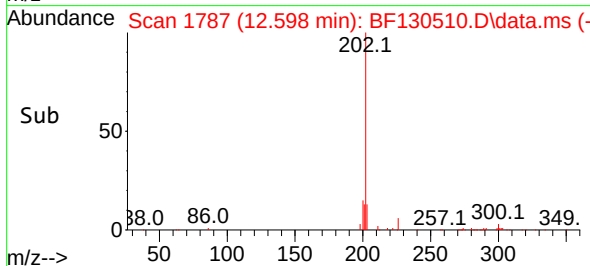
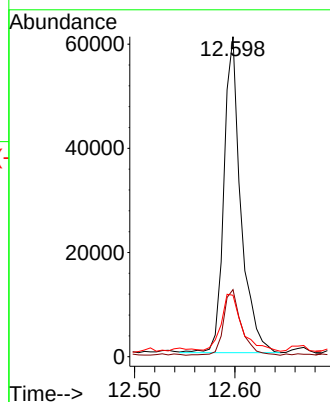
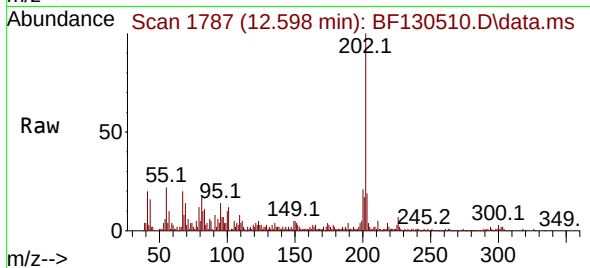
Tgt Ion:202 Resp: 70900

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	19.2	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#79

Terphenyl-d14

Concen: 62.843 ng

RT: 12.745 min Scan# 1812

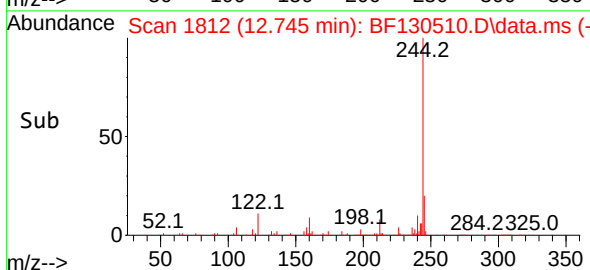
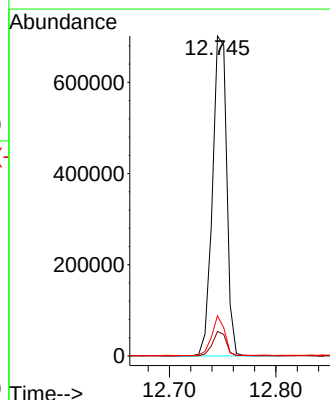
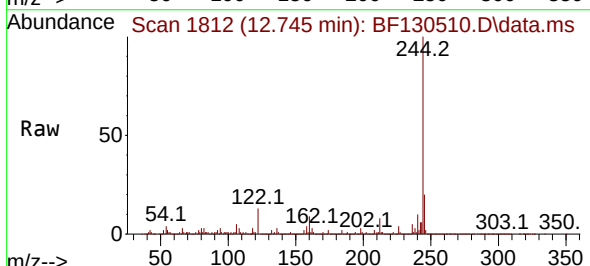
Delta R.T. 0.000 min

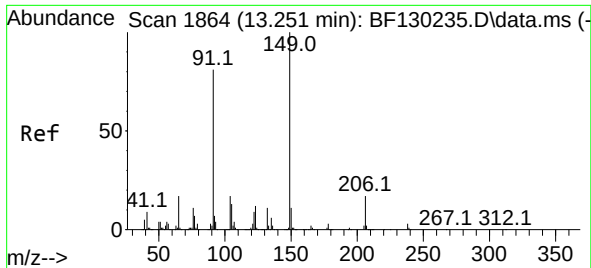
Lab File: BF130510.D

Acq: 03 Oct 2022 21:02

Tgt Ion:244 Resp: 650588

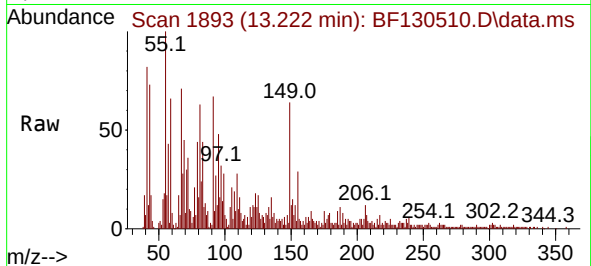
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	12.6	8.5	12.7





#80
Butylbenzylphthalate
Concen: 3.868 ng
RT: 13.222 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

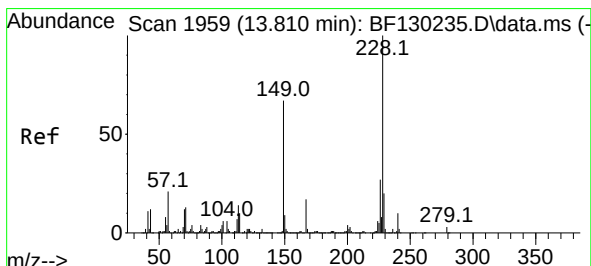
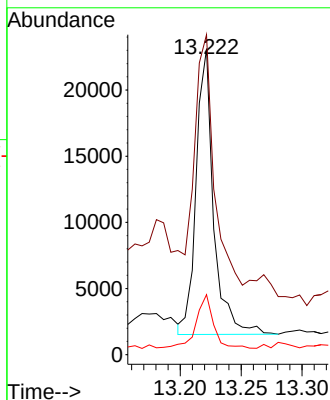
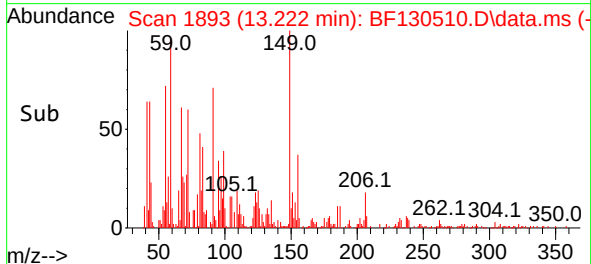
Instrument :
BNA_F
ClientSampleId :
HD-01-093022



Tgt Ion:149 Resp: 21490
Ion Ratio Lower Upper
149 100
91 104.6 59.8 89.8
206 19.6 13.9 20.9

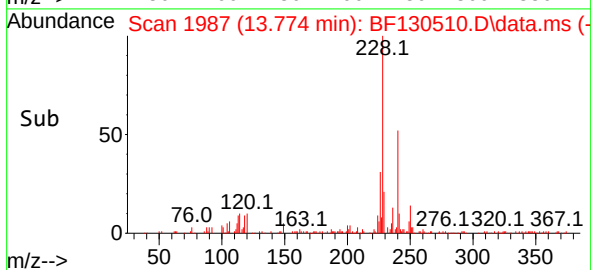
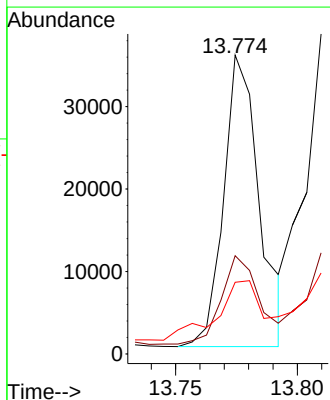
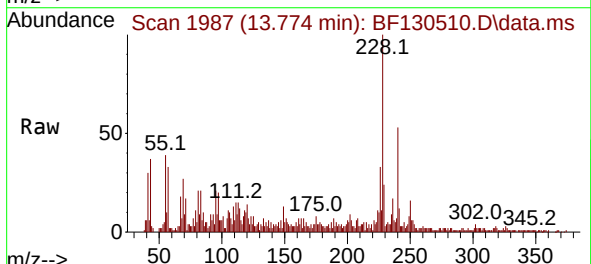
Manual Integrations
APPROVED

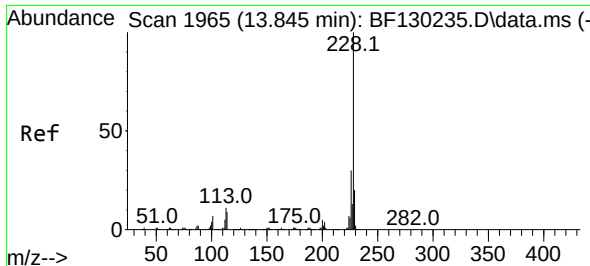
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#81
Benzo(a)anthracene
Concen: 3.163 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

Tgt Ion:228 Resp: 36088
Ion Ratio Lower Upper
228 100
226 32.9 21.9 32.9
229 24.0 16.1 24.1





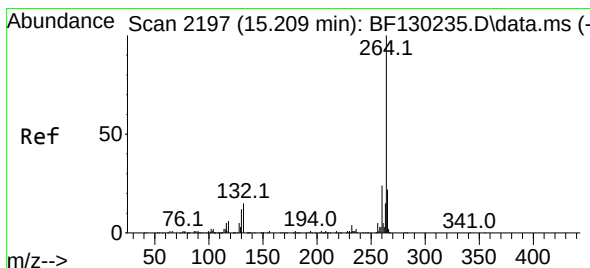
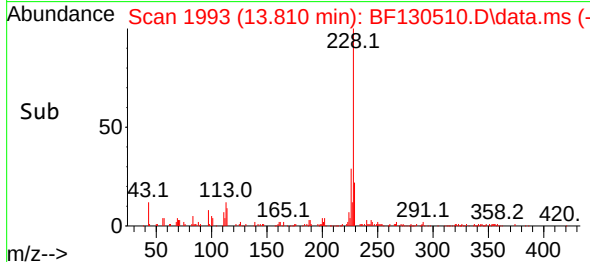
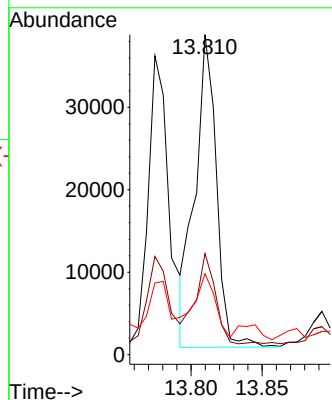
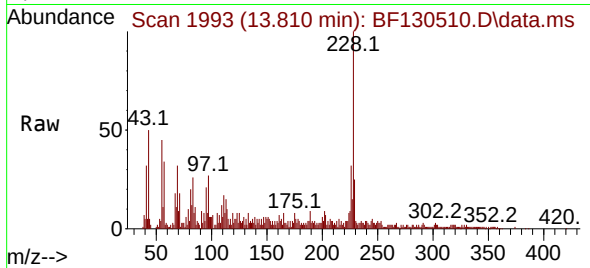
#83
Chrysene
Concen: 3.663 ng
RT: 13.810 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

Instrument :
BNA_F
ClientSampleId :
HD-01-093022

Tgt Ion:228 Resp: 39670
Ion Ratio Lower Upper
228 100
226 31.6 23.8 35.8
229 25.3 15.3 22.9

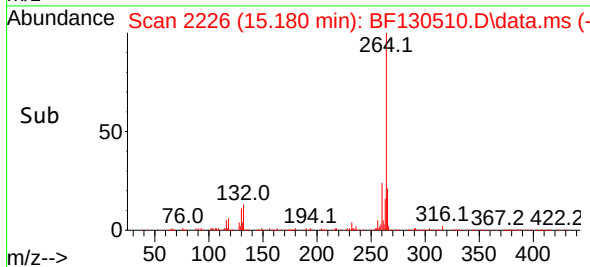
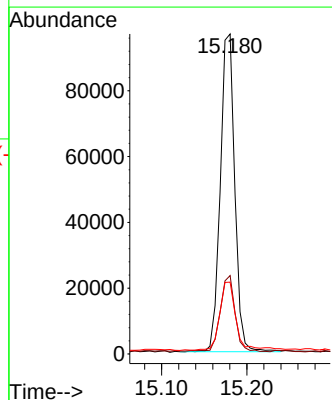
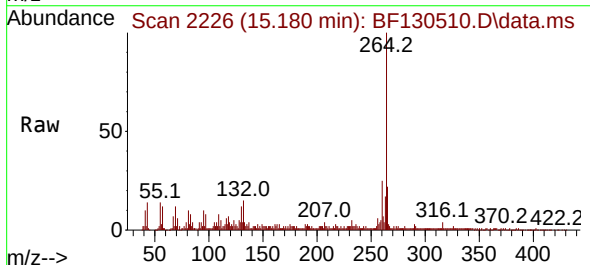
Manual Integrations
APPROVED

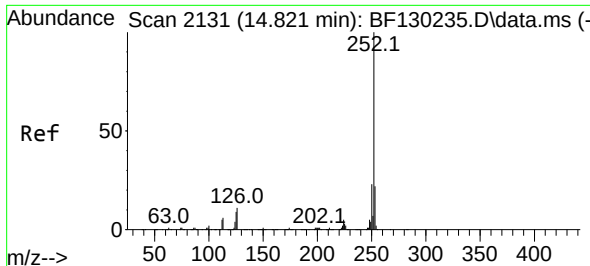
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.180 min Scan# 2226
Delta R.T. 0.006 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

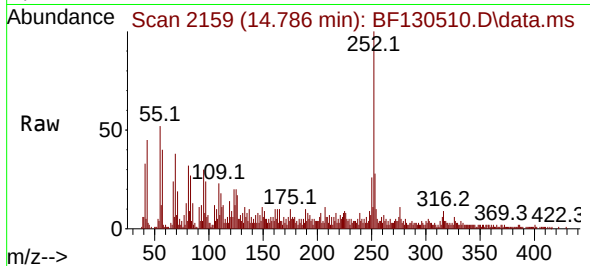
Tgt Ion:264 Resp: 113764
Ion Ratio Lower Upper
264 100
260 24.5 19.3 28.9
265 22.5 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 5.554 ng m
RT: 14.786 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

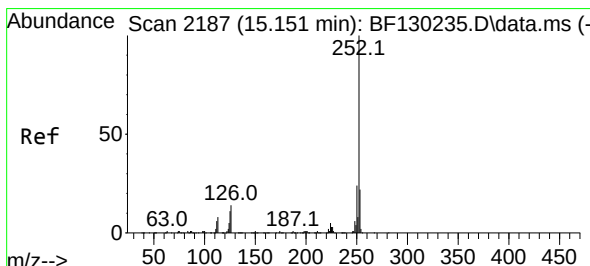
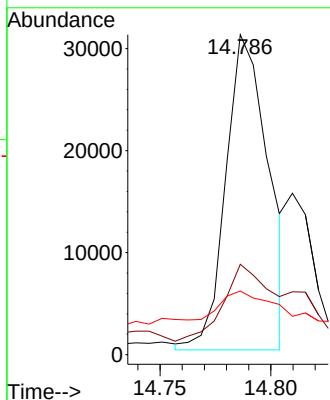
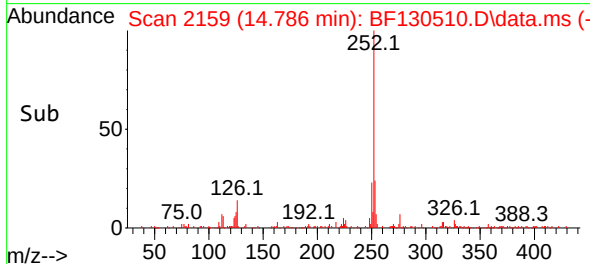
Instrument :
BNA_F
ClientSampleId :
HD-01-093022



Tgt Ion:252 Resp: 41238
Ion Ratio Lower Upper
252 100
253 28.3 17.7 26.5#
125 19.9 8.1 12.1#

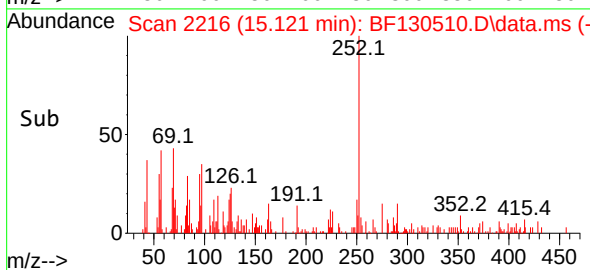
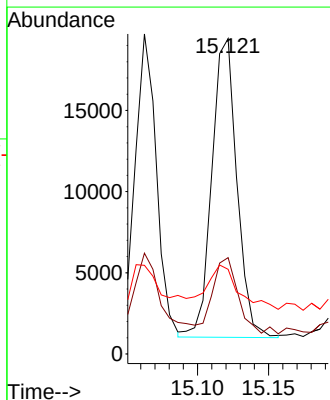
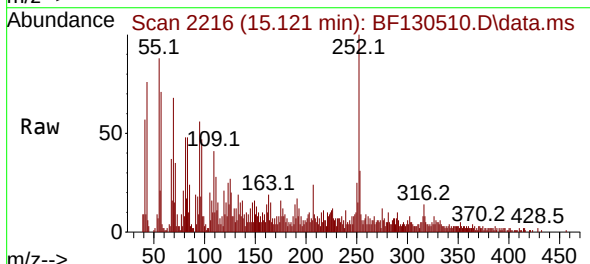
Manual Integrations
APPROVED

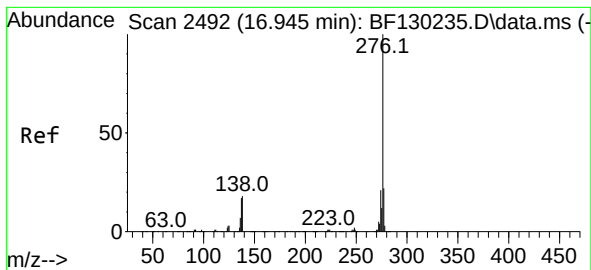
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#90
Benzo(a)pyrene
Concen: 3.841 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

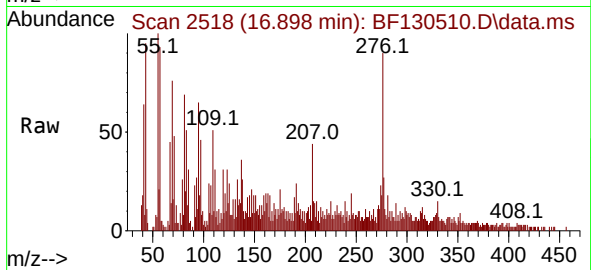
Tgt Ion:252 Resp: 22595
Ion Ratio Lower Upper
252 100
253 30.5 17.8 26.6#
125 26.8 9.0 13.6#





#92
Benzo(g,h,i)perylene
Concen: 2.429 ng
RT: 16.898 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130510.D
Acq: 03 Oct 2022 21:02

Instrument :
BNA_F
ClientSampleId :
HD-01-093022



Tgt Ion: 276 Resp: 16194
Ion Ratio Lower Upper
276 100
277 30.1 18.6 27.8
138 28.7 14.6 21.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

