

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135292.D
 Acq On : 15 Sep 2023 21:59
 Operator : CG\JU
 Sample : 04409-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5(0-6)COMP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/18/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 16 01:56:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	103316	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	372967	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	163148	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	268625	20.000	ng	0.00
76) Chrysene-d12	13.939	240	222393	20.000	ng	0.00
86) Perylene-d12	15.409	264	200105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	475018	74.779	ng	0.00
7) Phenol-d6	6.398	99	579185	71.706	ng	0.00
23) Nitrobenzene-d5	7.322	82	356704	51.960	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	115442	71.204	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	619362	57.276	ng	-0.01
79) Terphenyl-d14	12.880	244	525819	36.652	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.310	178	35103	2.763	ng	98
75) Fluoranthene	12.504	202	68279	5.158	ng	97
78) Pyrene	12.733	202	62205	2.938	ng	98
81) Benzo(a)anthracene	13.933	228	33395m	2.325	ng	
83) Chrysene	13.968	228	30030	2.103	ng	96
88) Benzo(b)fluoranthene	14.980	252	34710m	3.204	ng	
90) Benzo(a)pyrene	15.345	252	23029	2.229	ng	# 96

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

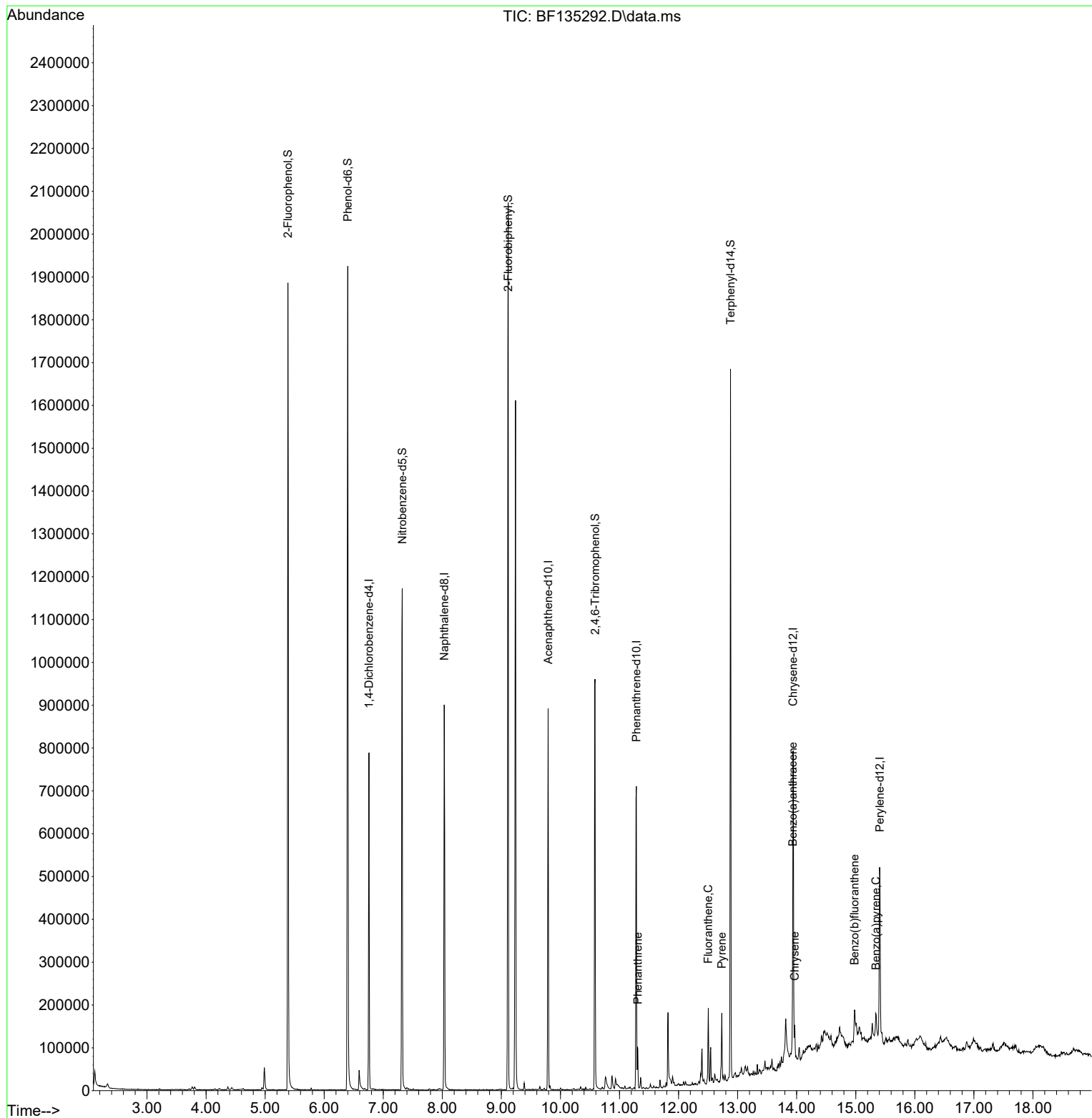
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
Data File : BF135292.D
Acq On : 15 Sep 2023 21:59
Operator : CG\JU
Sample : 04409-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

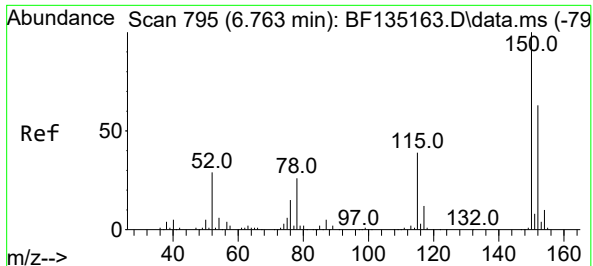
Instrument :
BNA_F
ClientSampleId :
WC-5(0-6)COMP

Quant Time: Sep 16 01:56:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Manual Integrations
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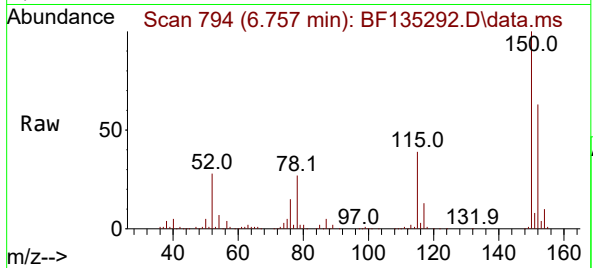
Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/19/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59

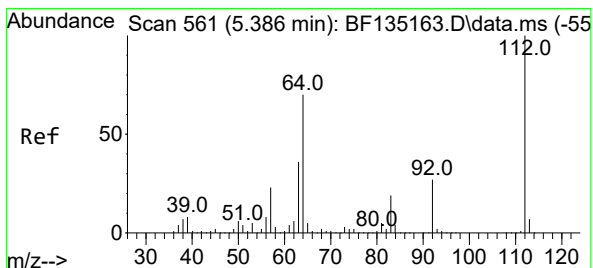
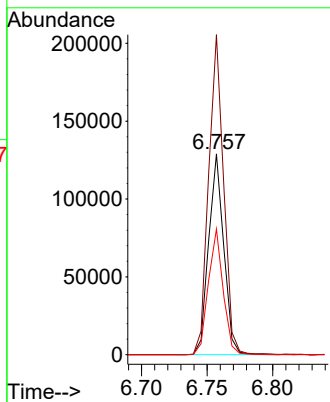
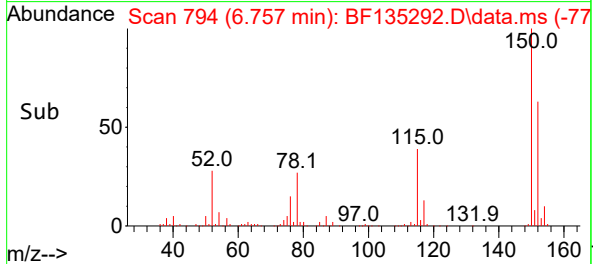
Instrument :
BNA_F
ClientSampleId :
WC-5(0-6)COMP



Tgt Ion:152 Resp: 103310
Ion Ratio Lower Upper
152 100
150 159.4 127.8 191.6
115 62.5 49.8 74.8

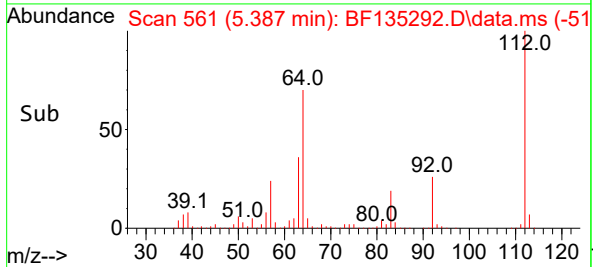
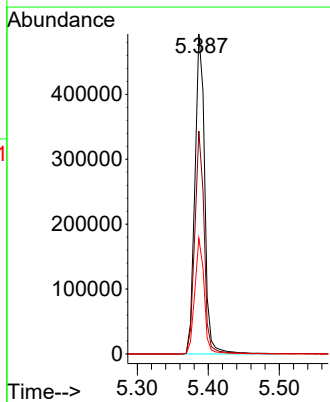
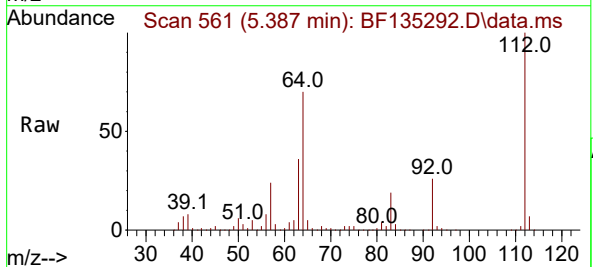
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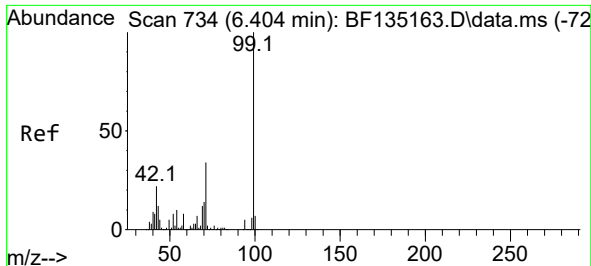
Reviewed By :Yogesh Patel 09/18/2023
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#5
2-Fluorophenol
Concen: 74.779 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59

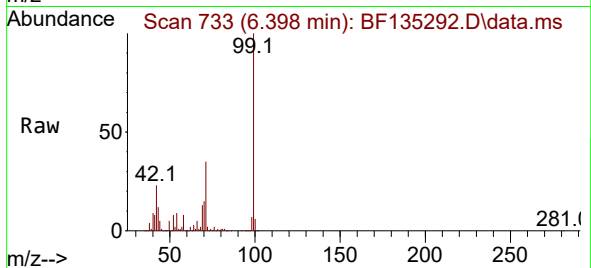
Tgt Ion:112 Resp: 475018
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 36.2 29.0 43.6





#7
Phenol-d6
Concen: 71.706 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59

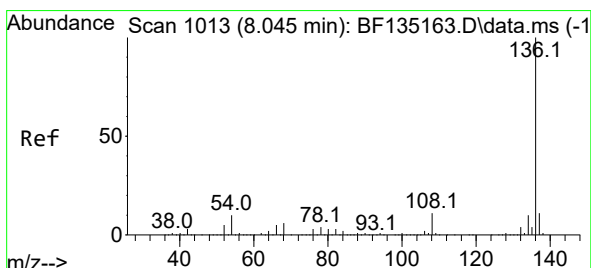
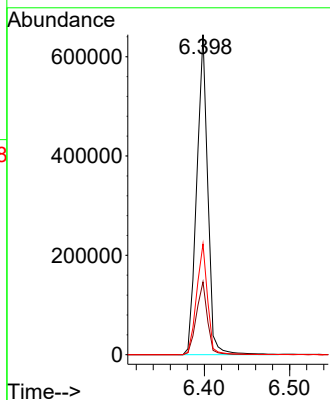
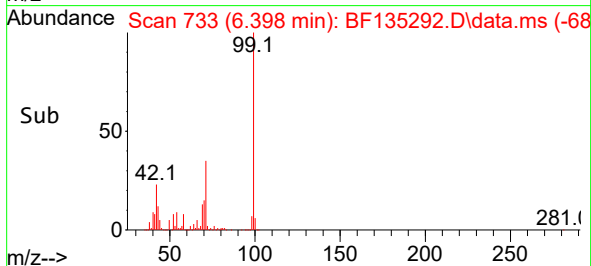
Instrument :
BNA_F
ClientSampleId :
WC-5(0-6)COMP



Tgt Ion: 99 Resp: 57918
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 34.6 27.0 40.6

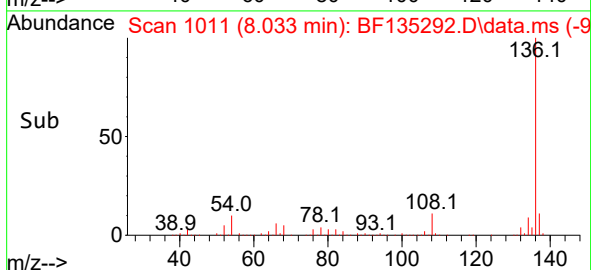
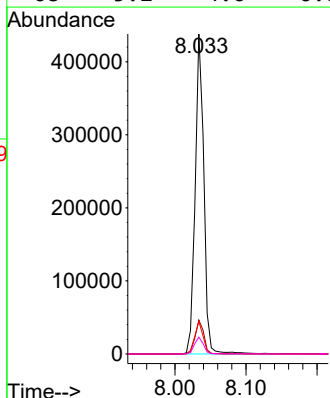
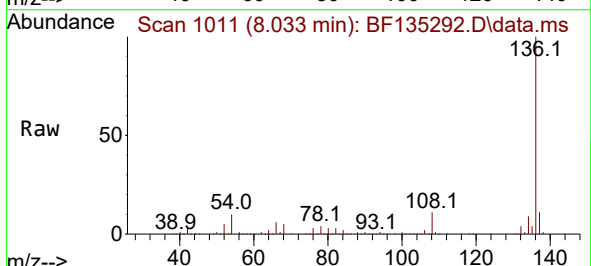
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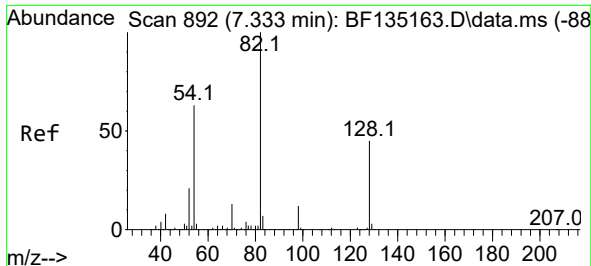
Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/19/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59

Tgt Ion:136 Resp: 372967
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.1 7.7 11.5
68 5.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 51.960 ng

RT: 7.322 min Scan# 892

Delta R.T. -0.012 min

Lab File: BF135292.D

Acq: 15 Sep 2023 21:59

Instrument :

BNA_F

ClientSampleId :

WC-5(0-6)COMP

Tgt Ion: 82 Resp: 356704

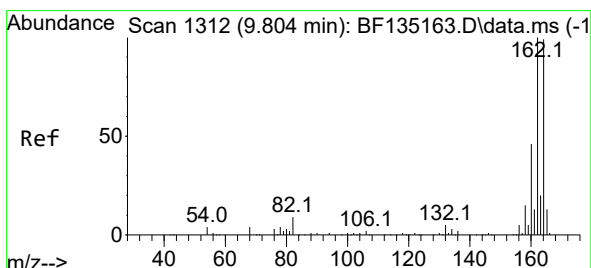
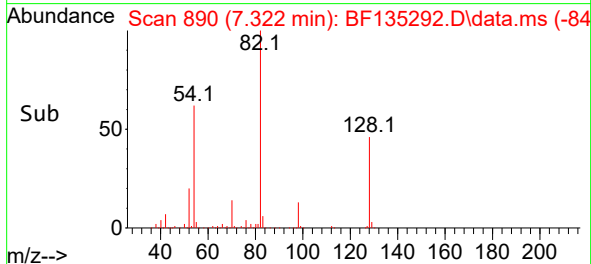
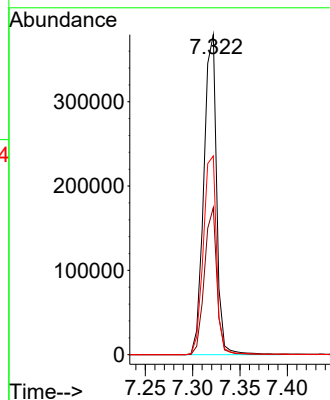
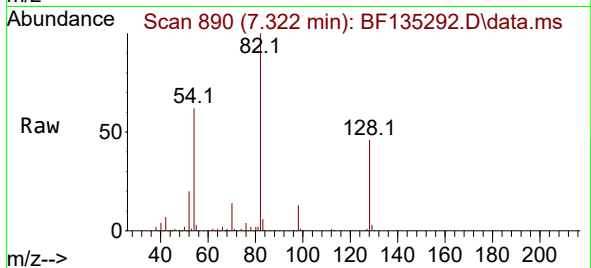
Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.8	53.6
54	62.1	50.6	76.0

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Supervised By :mohammad ahmed 09/19/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

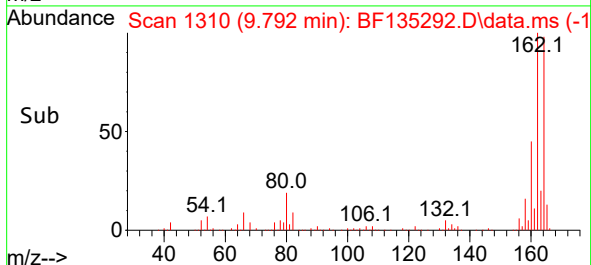
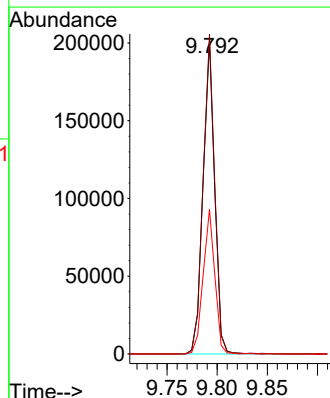
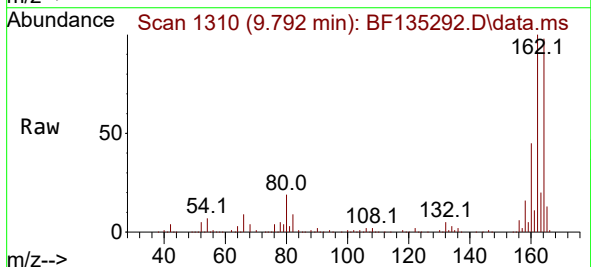
Delta R.T. -0.012 min

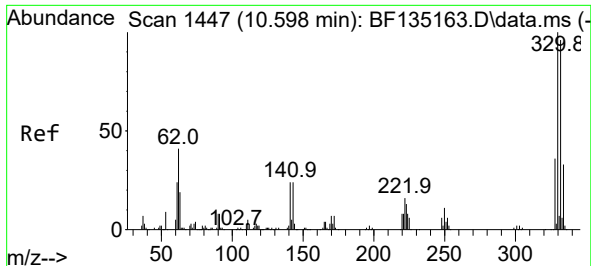
Lab File: BF135292.D

Acq: 15 Sep 2023 21:59

Tgt Ion:164 Resp: 163148

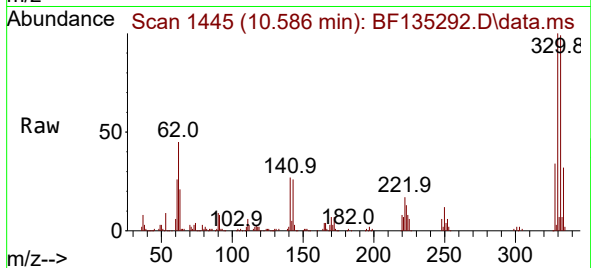
Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.0	121.4
160	46.2	37.0	55.4





#42
2,4,6-Tribromophenol
Concen: 71.204 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59

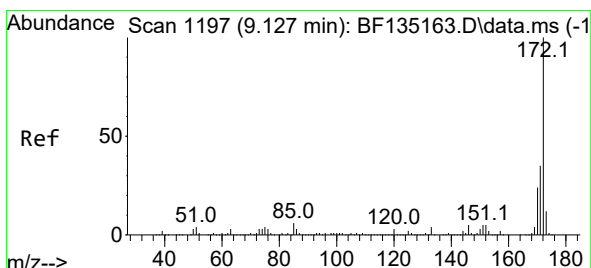
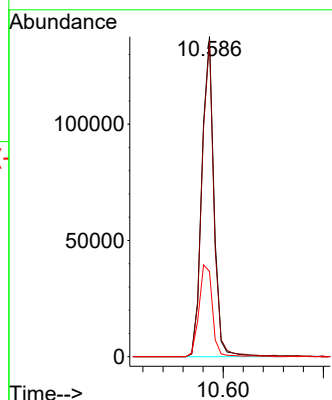
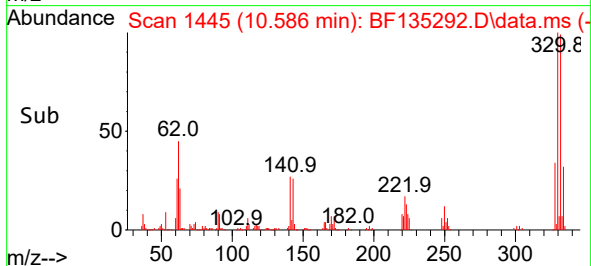
Instrument :
BNA_F
ClientSampleId :
WC-5(0-6)COMP



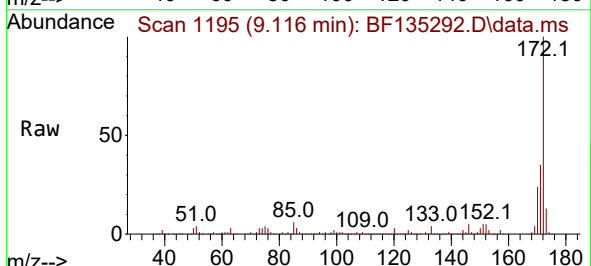
Tgt Ion: 330 Resp: 11544
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 31.5 25.8 38.8

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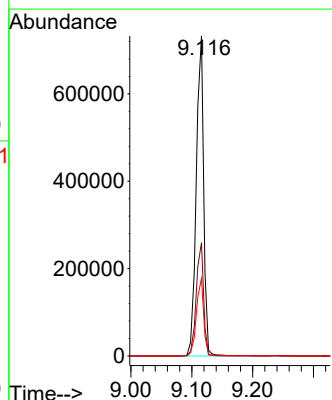
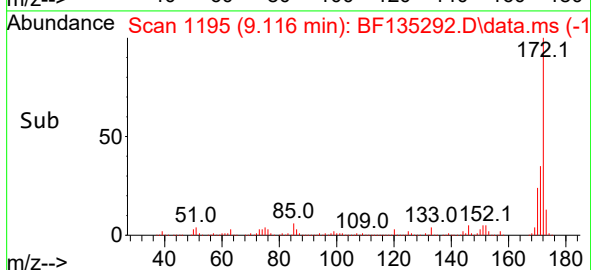
Reviewed By : Yogesh Patel 09/18/2023
Supervised By : mohammad ahmed 09/19/2023

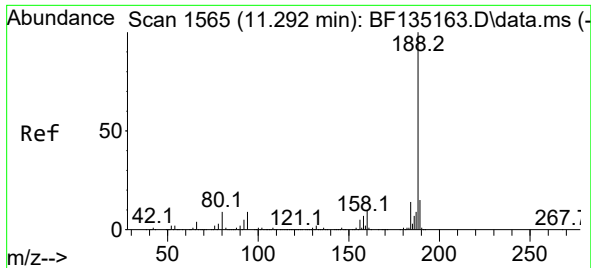


#45
2-Fluorobiphenyl
Concen: 57.276 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59



Tgt Ion: 172 Resp: 619362
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 24.2 19.0 28.4





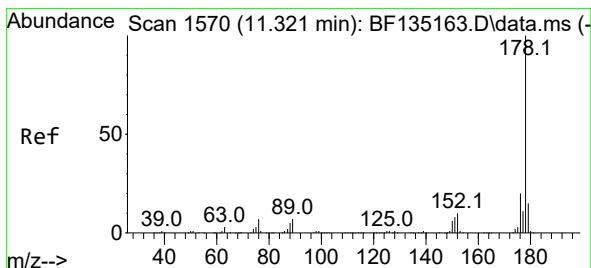
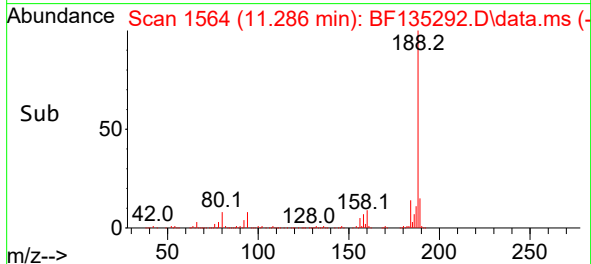
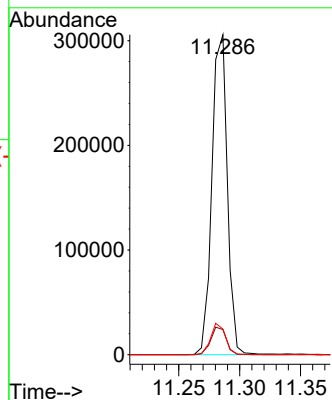
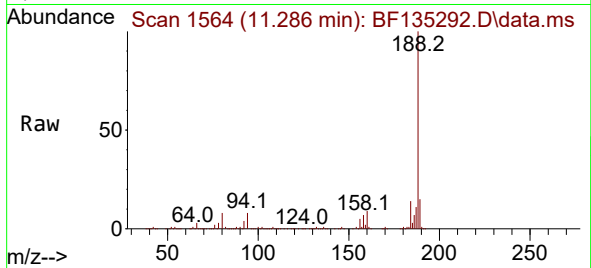
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59

Instrument :
BNA_F
ClientSampleId :
WC-5(0-6)COMP

Tgt Ion:188 Resp: 268625
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.0 7.5 11.3

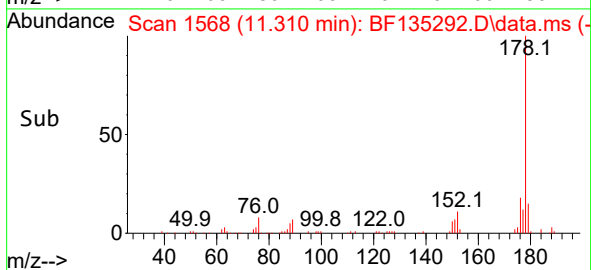
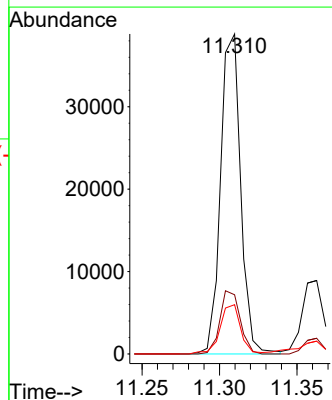
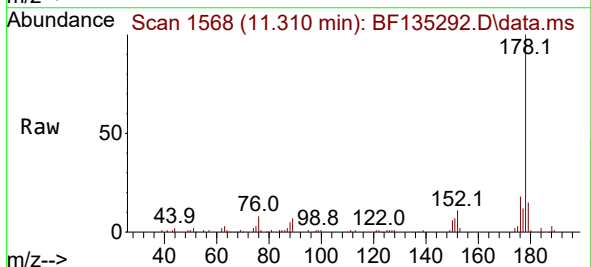
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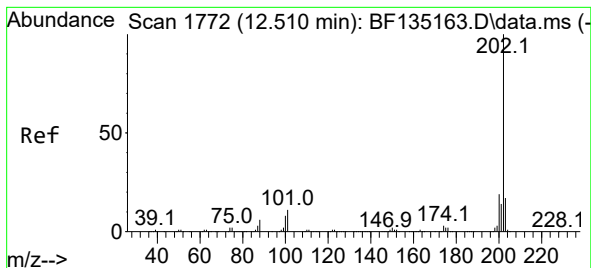
Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/19/2023



#71
Phenanthrene
Concen: 2.763 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59

Tgt Ion:178 Resp: 35103
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 15.4 12.0 18.0





#75

Fluoranthene

Concen: 5.158 ng

RT: 12.504 min Scan# 1771

Delta R.T. -0.006 min

Lab File: BF135292.D

Acq: 15 Sep 2023 21:59

Instrument :

BNA_F

ClientSampleId :

WC-5(0-6)COMP

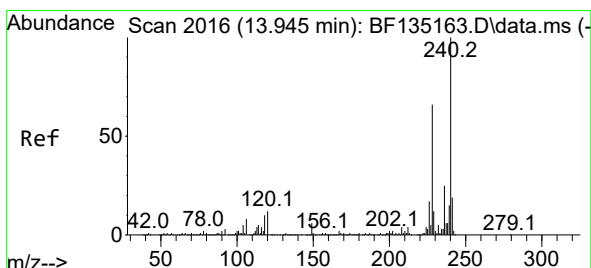
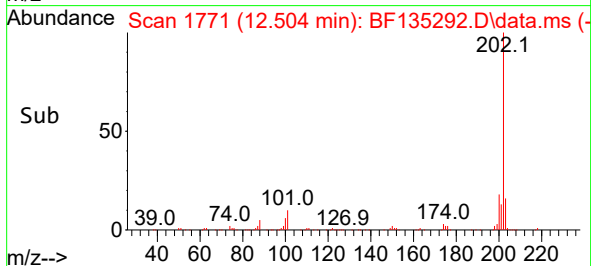
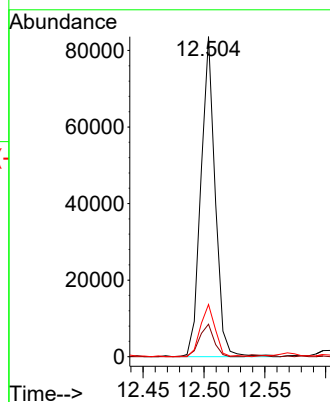
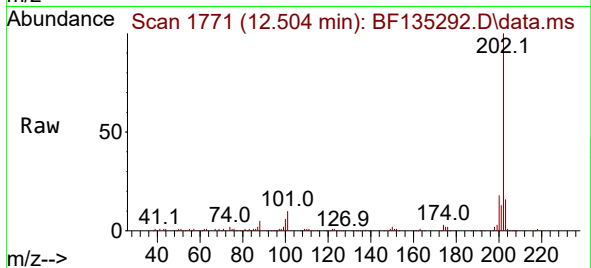
Tgt Ion:	202	Resp:	68279
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	31.3
203	16.3	0.0	37.4

Manual Integrations

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Supervised By :mohammad ahmed 09/19/2023



#76

Chrysene-d12

Concen: 20.000 ng

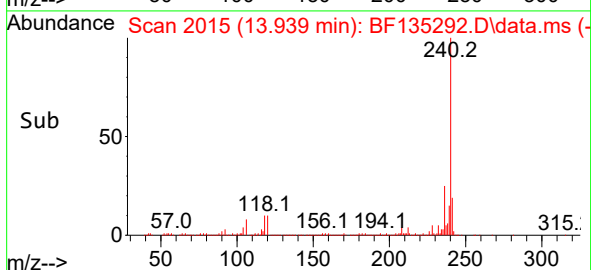
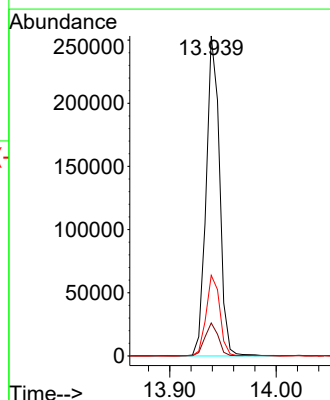
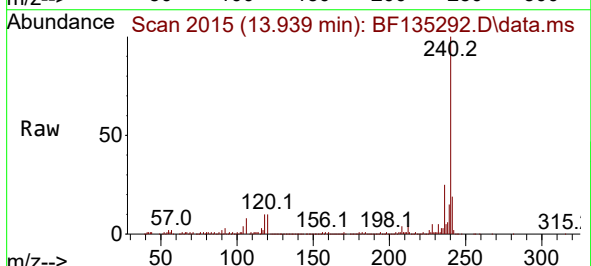
RT: 13.939 min Scan# 2015

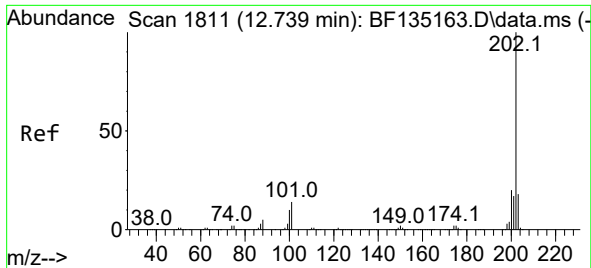
Delta R.T. -0.006 min

Lab File: BF135292.D

Acq: 15 Sep 2023 21:59

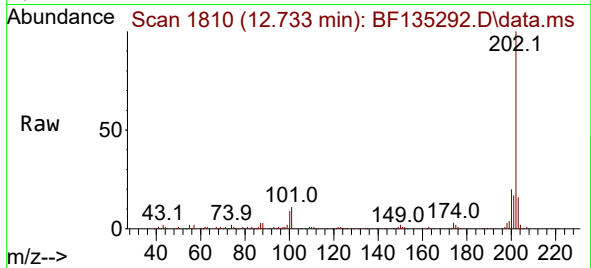
Tgt Ion:	240	Resp:	222393
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.4	14.2
236	25.2	19.8	29.8





#78
Pyrene
Concen: 2.938 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59

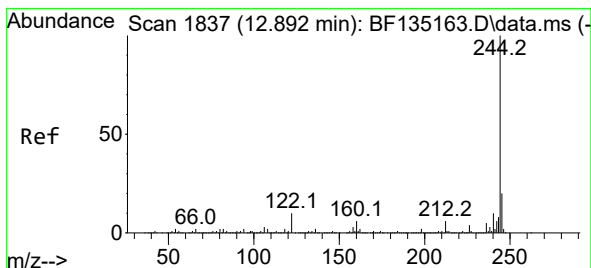
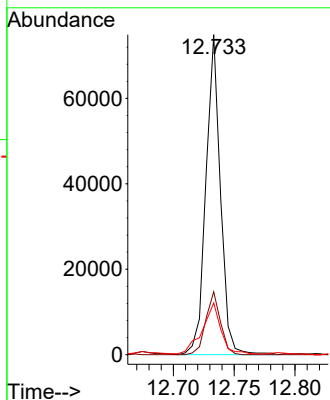
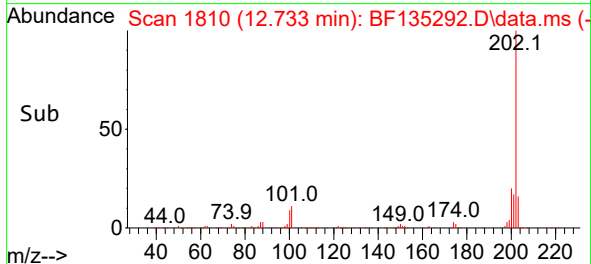
Instrument :
BNA_F
ClientSampleId :
WC-5(0-6)COMP



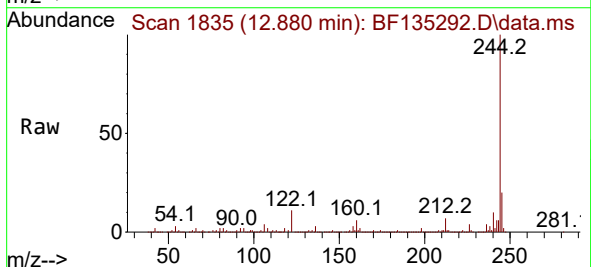
Tgt Ion:202 Resp: 62205
Ion Ratio Lower Upper
202 100
200 19.6 16.2 24.2
203 16.2 14.2 21.4

Manual Integrations
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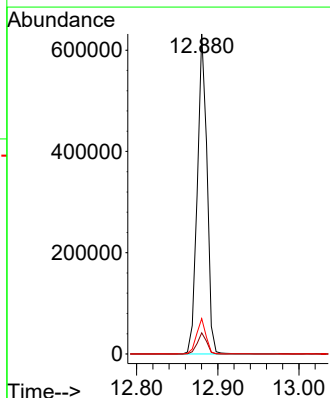
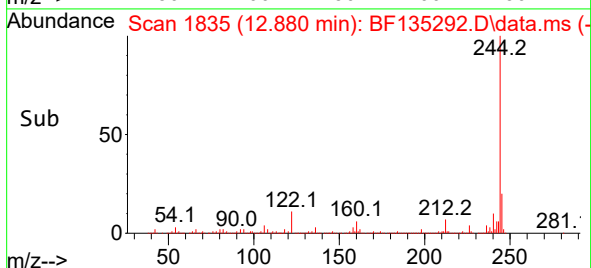
Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/19/2023

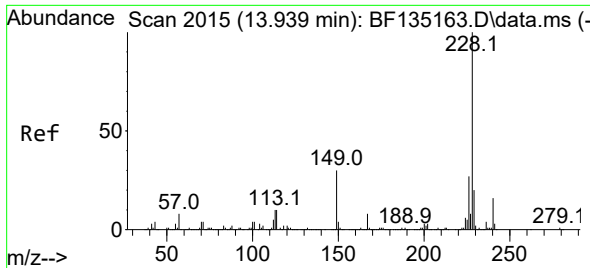


#79
Terphenyl-d14
Concen: 36.652 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59



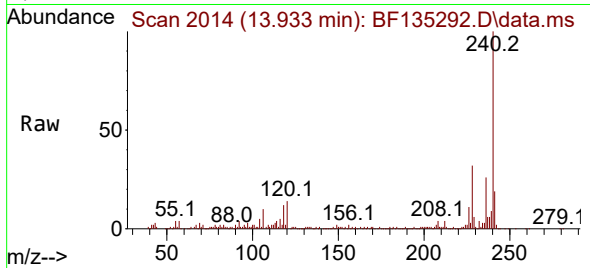
Tgt Ion:244 Resp: 525819
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 11.0 7.9 11.9





#81
Benzo(a)anthracene
Concen: 2.325 ng m
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59

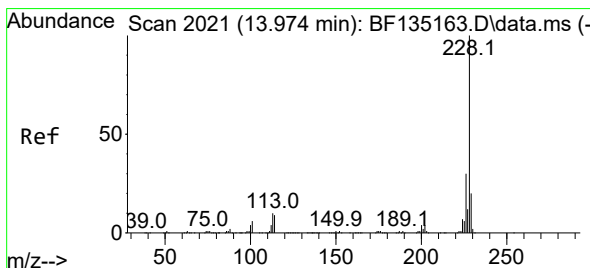
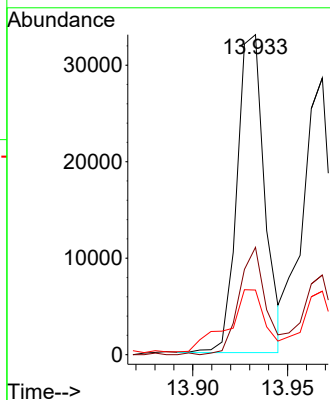
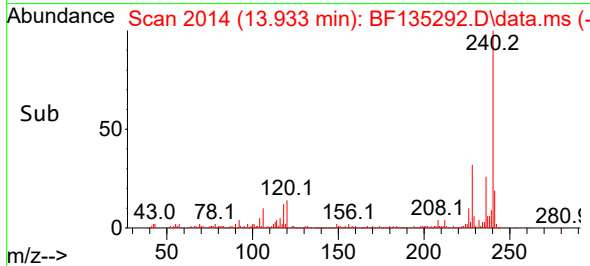
Instrument :
BNA_F
ClientSampleId :
WC-5(0-6)COMP



Tgt Ion:228 Resp: 3339
Ion Ratio Lower Upper
228 100
226 33.5 21.7 32.5
229 20.2 15.8 23.8

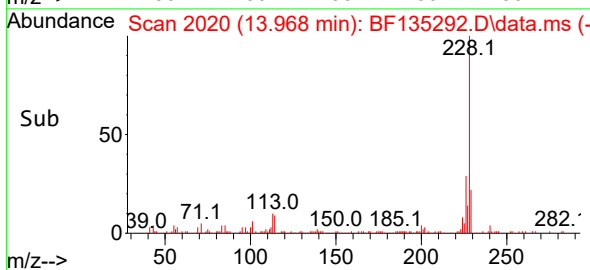
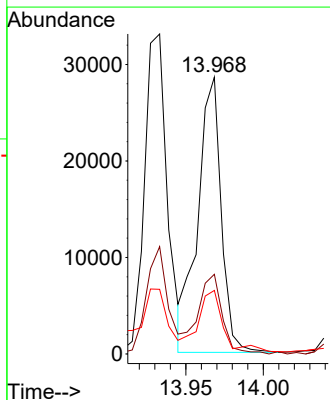
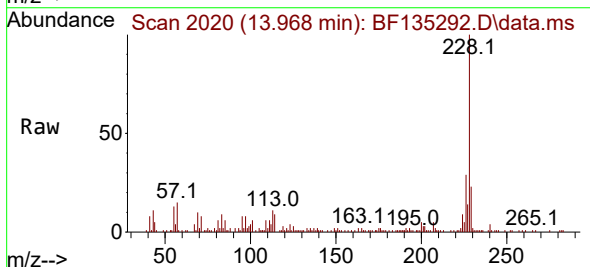
Manual Integrations
APPROVED

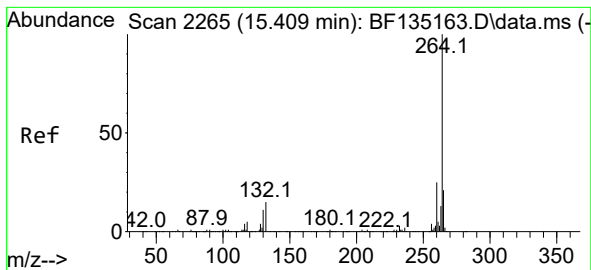
Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/19/2023



#83
Chrysene
Concen: 2.103 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59

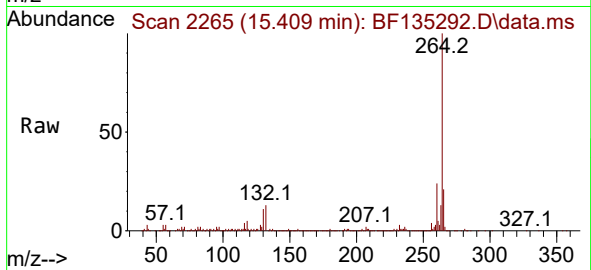
Tgt Ion:228 Resp: 30030
Ion Ratio Lower Upper
228 100
226 28.8 24.3 36.5
229 22.9 16.0 24.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59

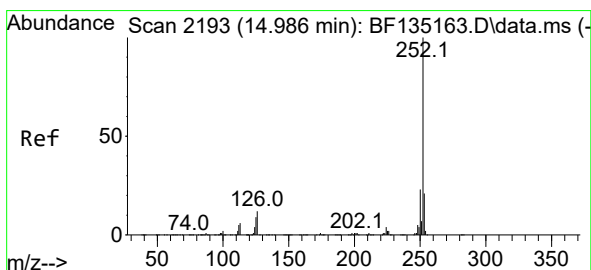
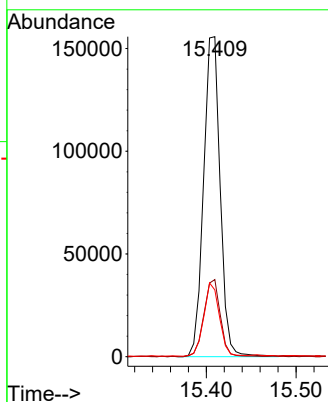
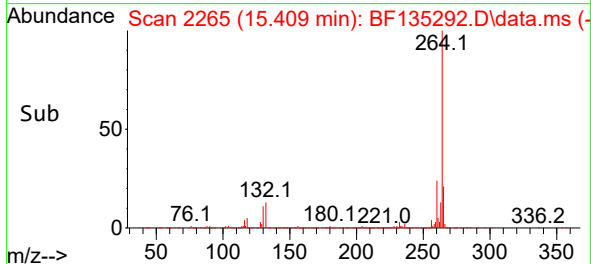
Instrument :
BNA_F
ClientSampleId :
WC-5(0-6)COMP



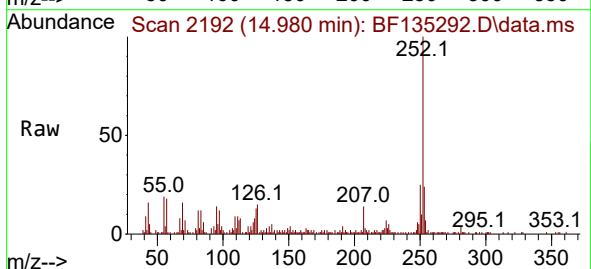
Tgt Ion:264 Resp: 20010
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.6
265 20.9 17.0 25.4

Manual Integrations
APPROVED

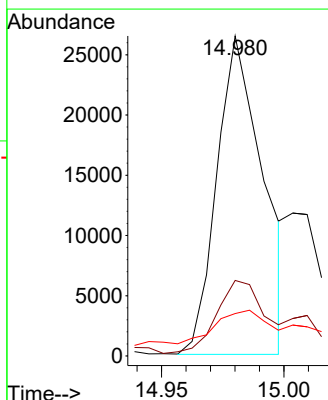
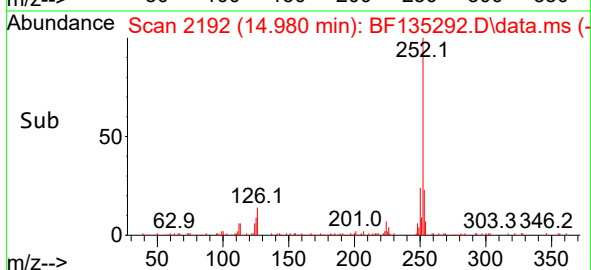
Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/19/2023

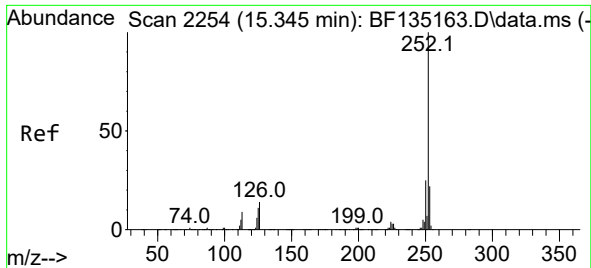


#88
Benzo(b)fluoranthene
Concen: 3.204 ng m
RT: 14.980 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59



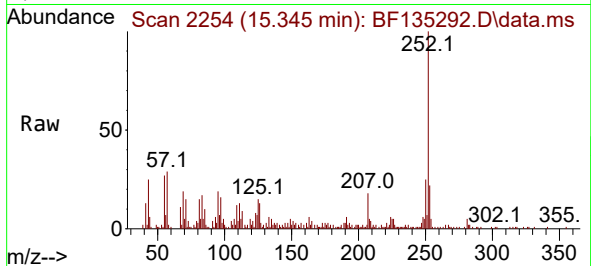
Tgt Ion:252 Resp: 34710
Ion Ratio Lower Upper
252 100
253 23.6 17.2 25.8
125 13.2 7.1 10.7#





#90
Benzo(a)pyrene
Concen: 2.229 ng
RT: 15.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135292.D
Acq: 15 Sep 2023 21:59

Instrument :
BNA_F
ClientSampleId :
WC-5(0-6)COMP



Tgt Ion:252 Resp: 23029
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 15.3 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/19/2023

