

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135384.D
 Acq On : 21 Sep 2023 17:09
 Operator : CG\JU
 Sample : 04515-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/27/2023

Quant Time: Sep 22 05:58:01 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	146221	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	527922	20.000	ng	#-0.01
39) Acenaphthene-d10	9.793	164	224422	20.000	ng	-0.01
64) Phenanthrene-d10	11.281	188	347593	20.000	ng	#-0.01
76) Chrysene-d12	13.939	240	266863	20.000	ng	0.00
86) Perylene-d12	15.404	264	210134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	684407	76.128	ng	0.00
7) Phenol-d6	6.405	99	890126	77.866	ng	0.00
23) Nitrobenzene-d5	7.322	82	526825	54.217	ng	-0.01
42) 2,4,6-Tribromophenol	10.587	330	136542	61.224	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	880841	59.216	ng	-0.01
79) Terphenyl-d14	12.881	244	662919	38.509	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.504	202	57367	3.349	ng	98
78) Pyrene	12.734	202	58475	2.301	ng	97
88) Benzo(b)fluoranthene	14.980	252	26188m	2.302	ng	

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

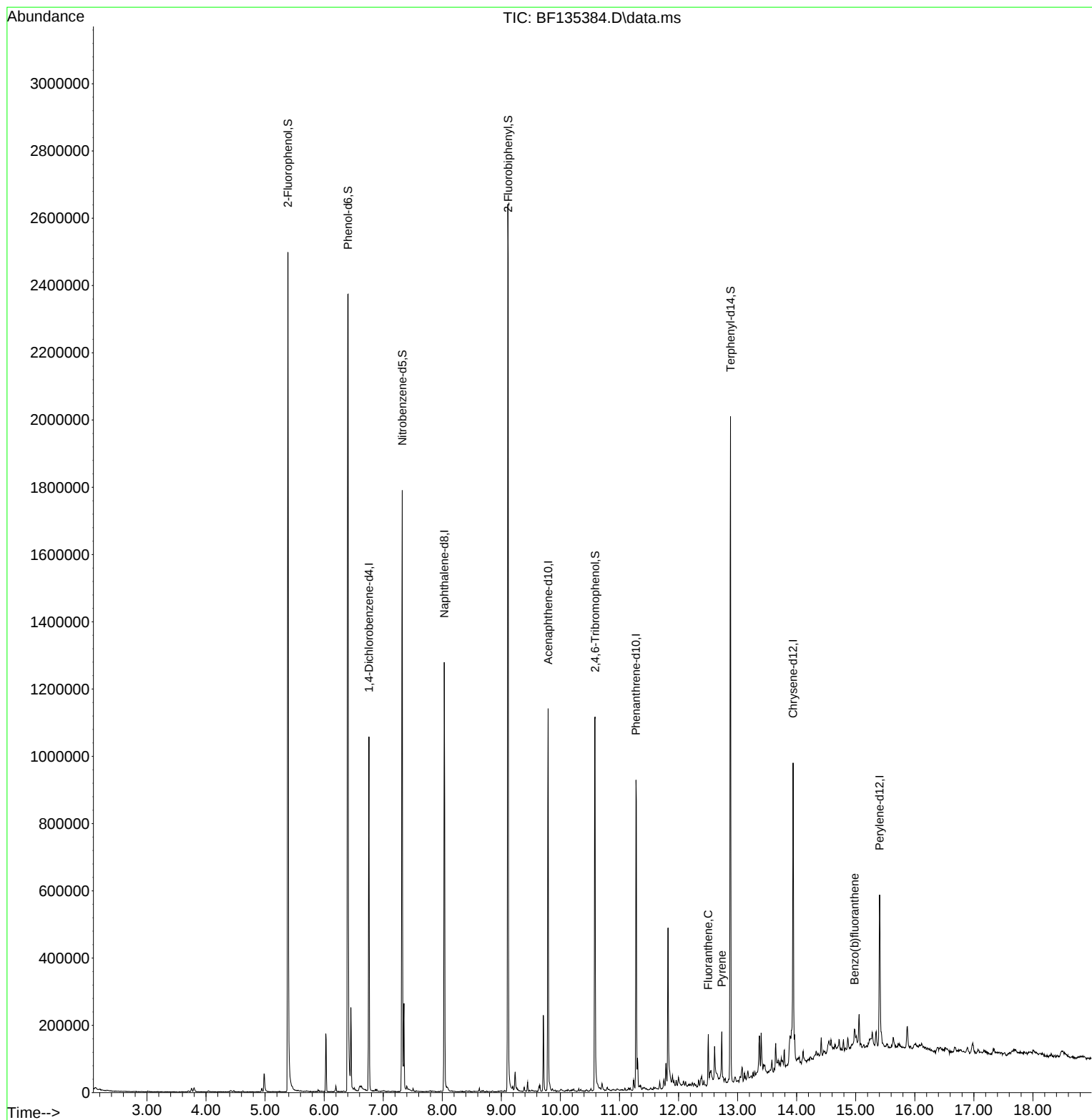
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135384.D
Acq On : 21 Sep 2023 17:09
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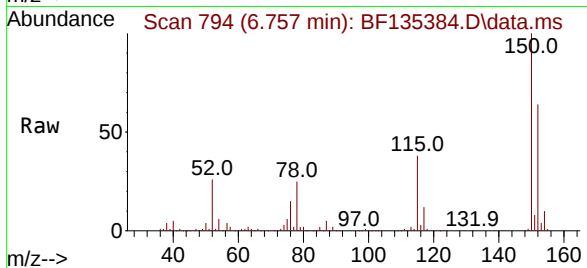
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

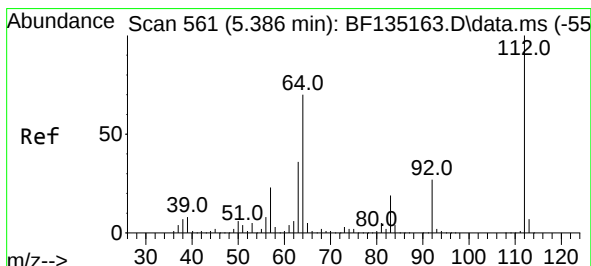
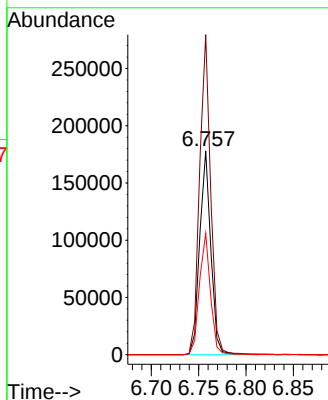
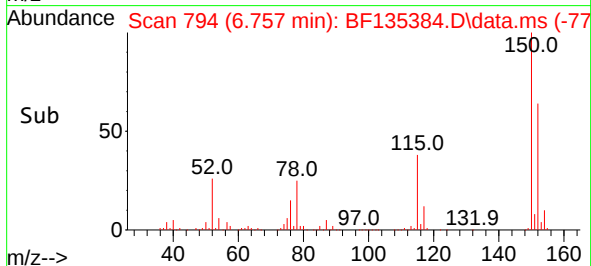
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:152 Resp: 14622
Ion Ratio Lower Upper
152 100
150 157.0 127.8 191.6
115 59.6 49.8 74.8

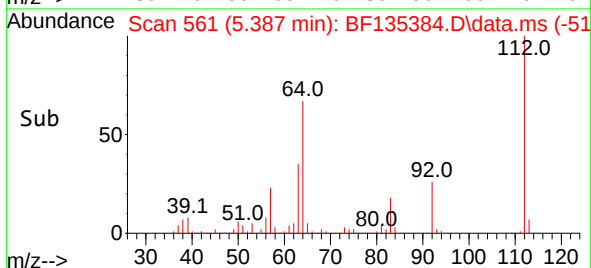
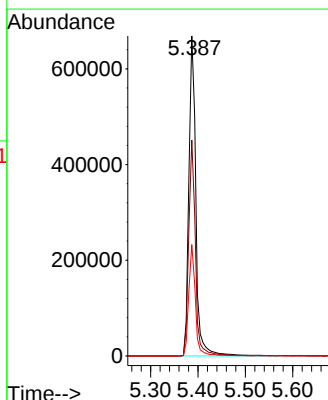
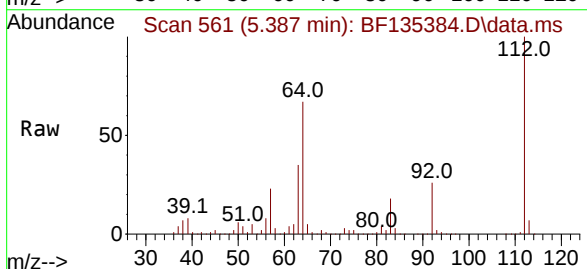
Manual Integrations
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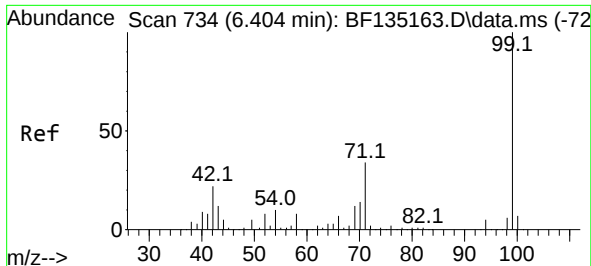
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023



#5
2-Fluorophenol
Concen: 76.128 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

Tgt Ion:112 Resp: 684407
Ion Ratio Lower Upper
112 100
64 67.5 55.9 83.9
63 34.8 29.0 43.6





#7

Phenol-d6

Concen: 77.866 ng

RT: 6.405 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135384.D

Acq: 21 Sep 2023 17:09

Instrument :

BNA_F

ClientSampleId :

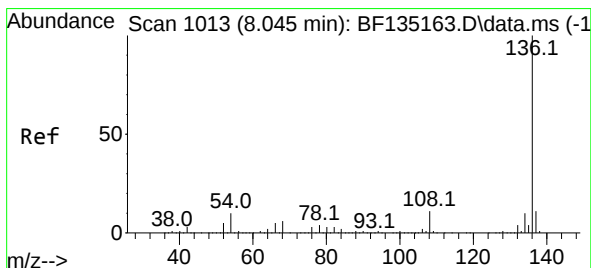
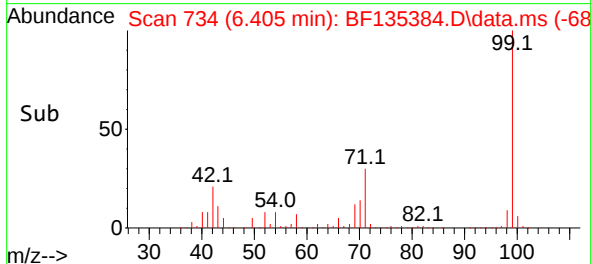
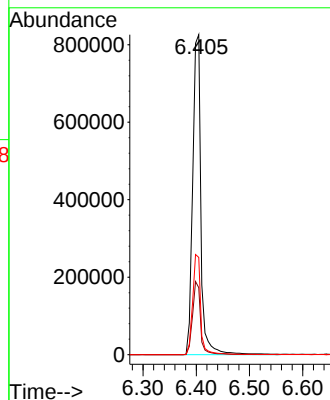
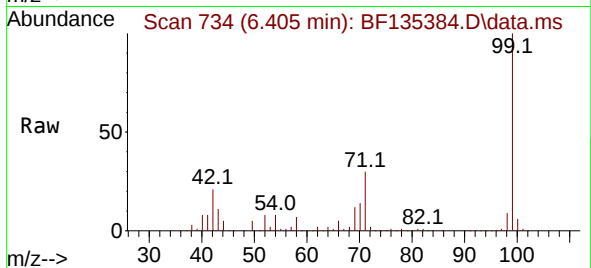
WC-1

Tgt Ion: 99 Resp: 890120
 Ion Ratio Lower Upper
 99 100
 42 21.0 17.9 26.9
 71 30.4 27.0 40.6

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Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/27/2023



#21

Naphthalene-d8

Concen: 20.000 ng

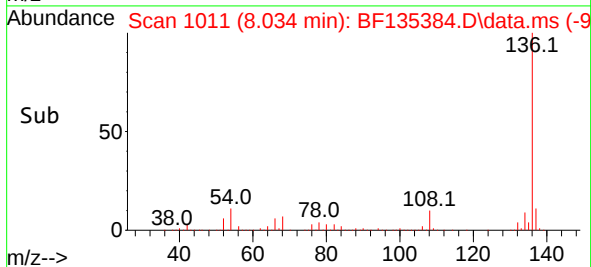
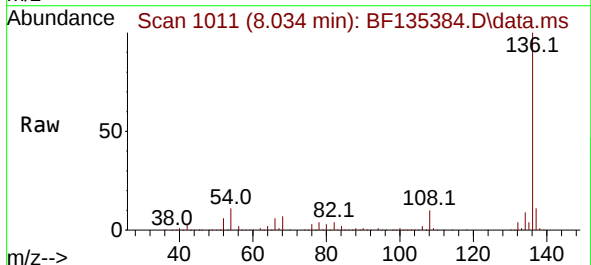
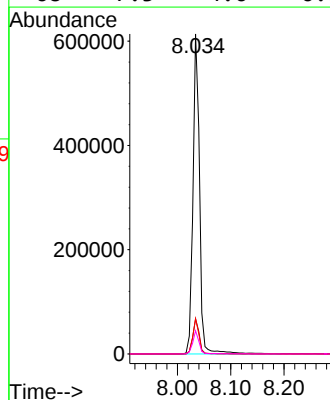
RT: 8.034 min Scan# 1011

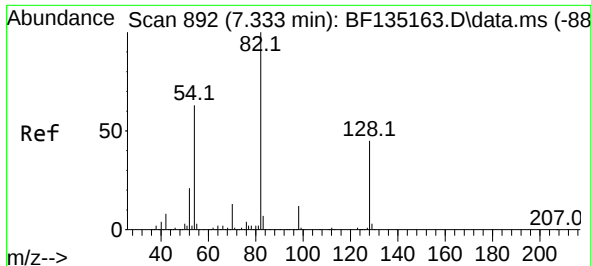
Delta R.T. -0.011 min

Lab File: BF135384.D

Acq: 21 Sep 2023 17:09

Tgt Ion:136 Resp: 527922
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.8 13.2
 54 11.0 7.7 11.5
 68 7.3 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 54.217 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF135384.D

Acq: 21 Sep 2023 17:09

Instrument :

BNA_F

ClientSampleId :

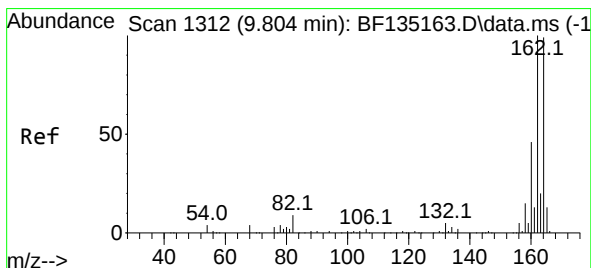
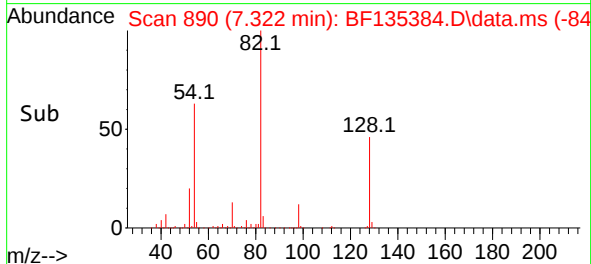
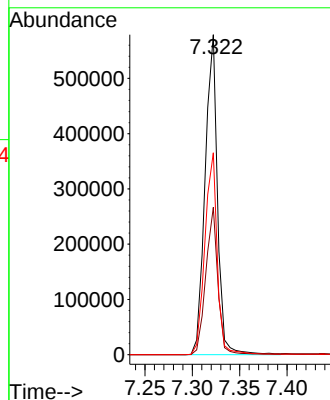
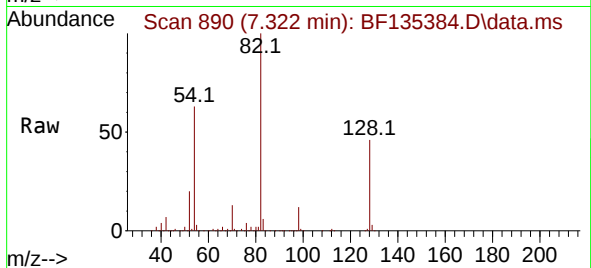
WC-1

Tgt Ion: 82 Resp: 526825
 Ion Ratio Lower Upper
 82 100
 128 46.0 35.8 53.6
 54 63.1 50.6 76.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

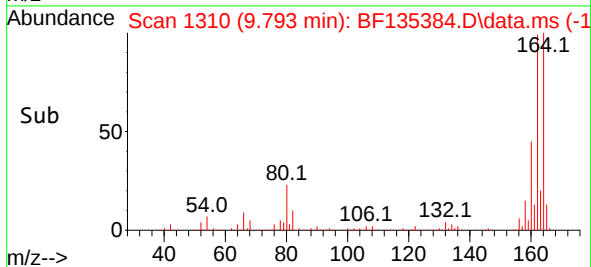
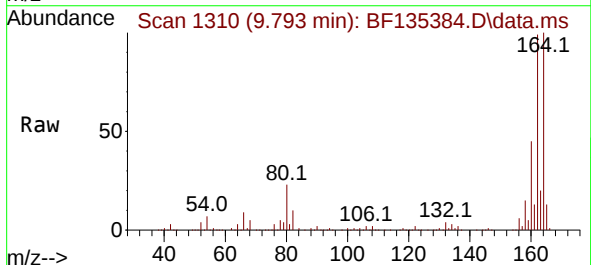
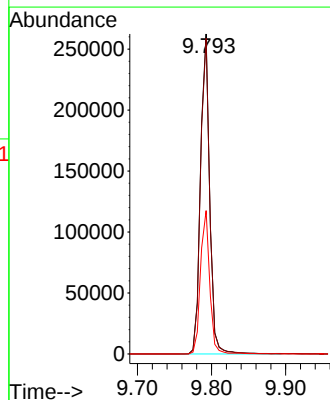
RT: 9.793 min Scan# 1310

Delta R.T. -0.011 min

Lab File: BF135384.D

Acq: 21 Sep 2023 17:09

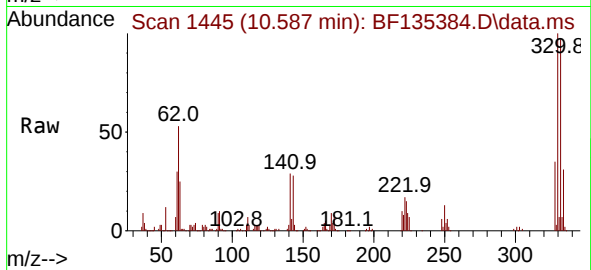
Tgt Ion:164 Resp: 224422
 Ion Ratio Lower Upper
 164 100
 162 98.7 81.0 121.4
 160 44.8 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 61.224 ng
RT: 10.587 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

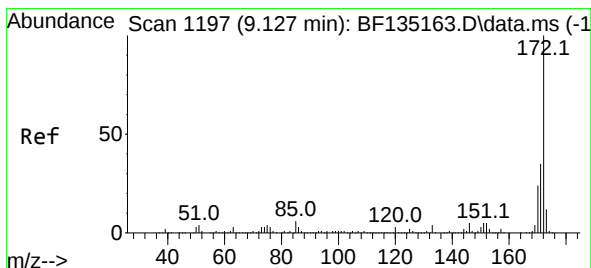
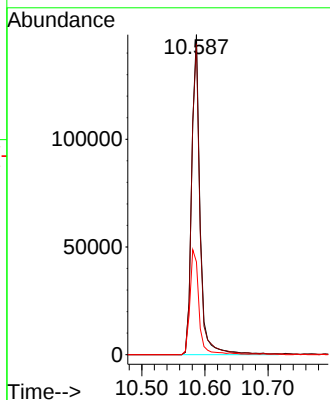
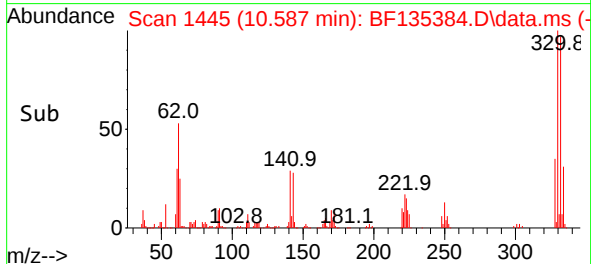
Instrument :
BNA_F
ClientSampleId :
WC-1



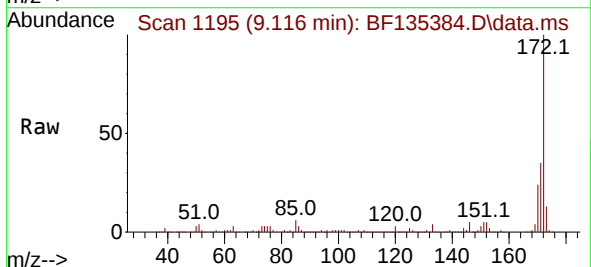
Tgt Ion:330 Resp: 13654
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 35.5 25.8 38.8

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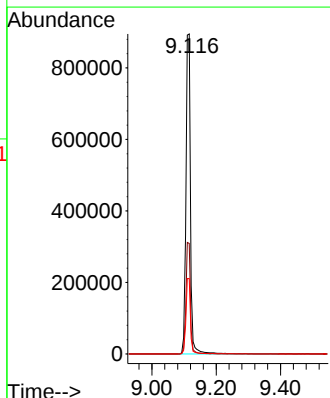
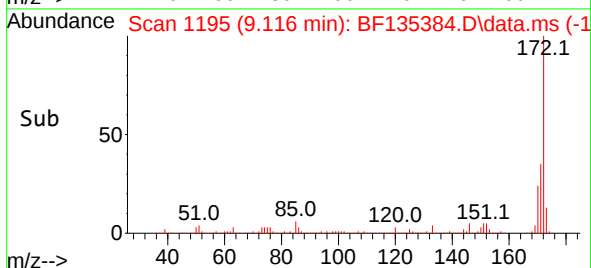
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023

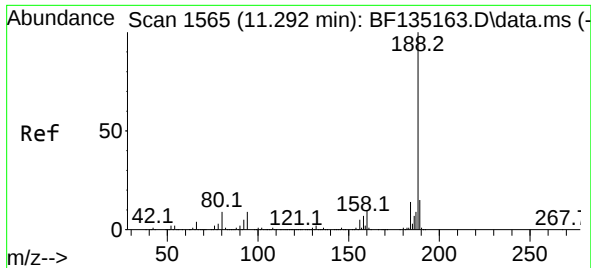


#45
2-Fluorobiphenyl
Concen: 59.216 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.011 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09



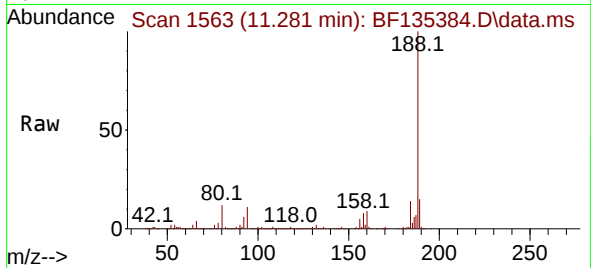
Tgt Ion:172 Resp: 880841
Ion Ratio Lower Upper
172 100
171 34.6 28.4 42.6
170 23.5 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

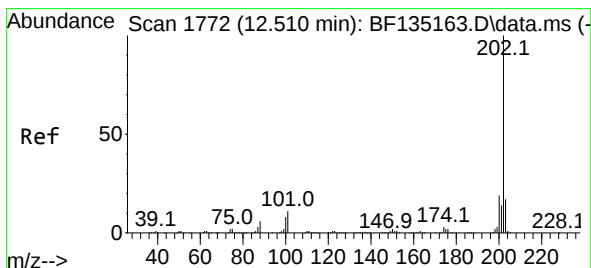
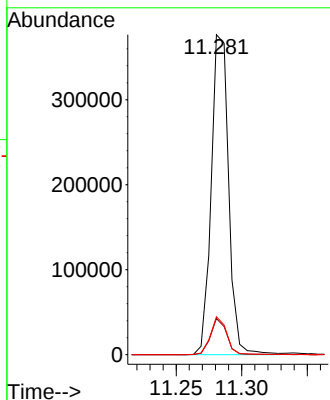
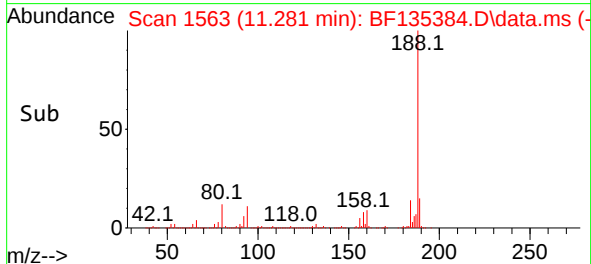
Instrument :
BNA_F
ClientSampleId :
WC-1



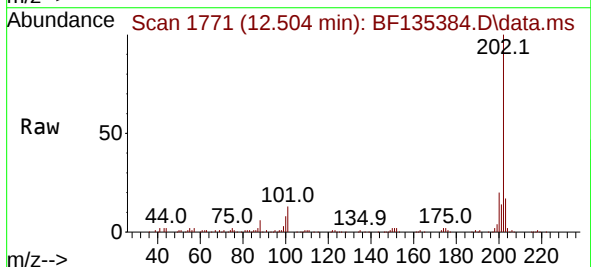
Tgt Ion:188 Resp: 34759
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6
80 11.9 7.5 11.3

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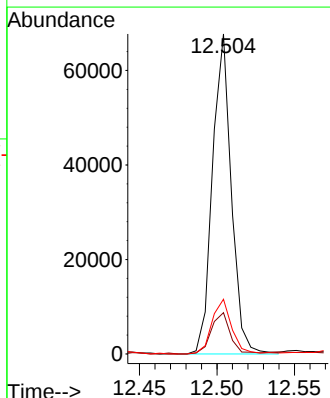
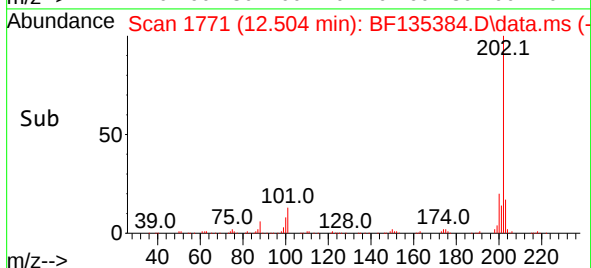
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023

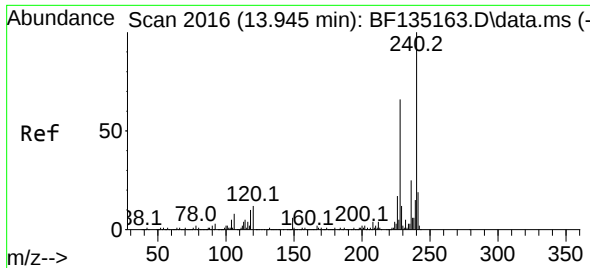


#75
Fluoranthene
Concen: 3.349 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09



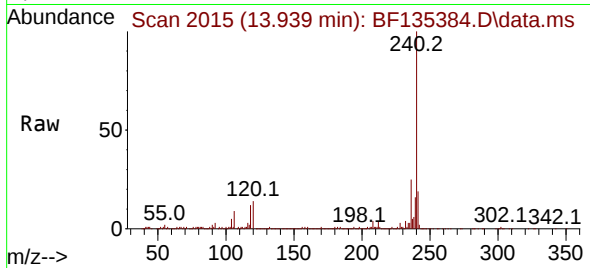
Tgt Ion:202 Resp: 57367
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.3
203 17.1 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

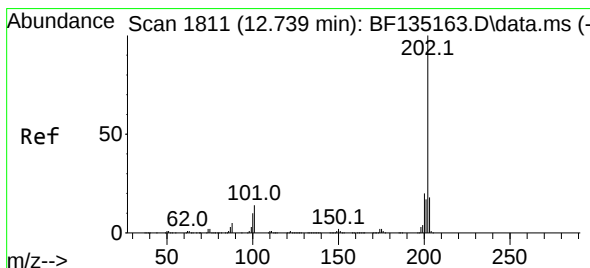
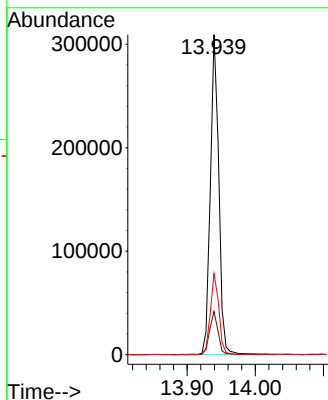
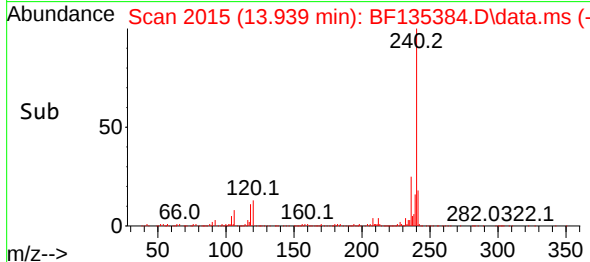
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:240 Resp: 26686
Ion Ratio Lower Upper
240 100
120 13.5 9.4 14.2
236 25.3 19.8 29.8

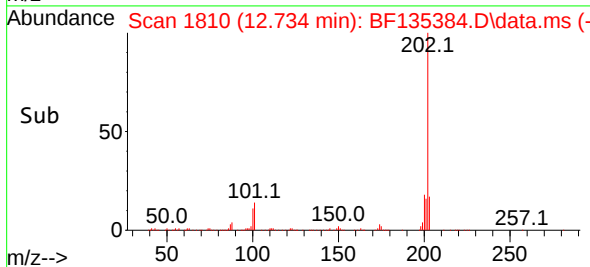
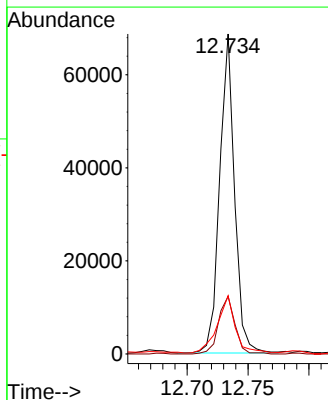
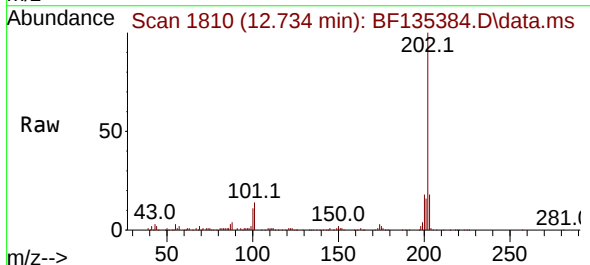
Manual Integrations
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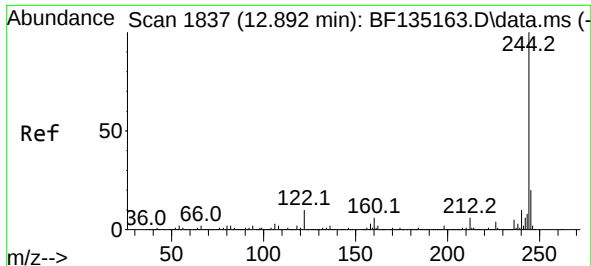
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023



#78
Pyrene
Concen: 2.301 ng
RT: 12.734 min Scan# 1810
Delta R.T. -0.005 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

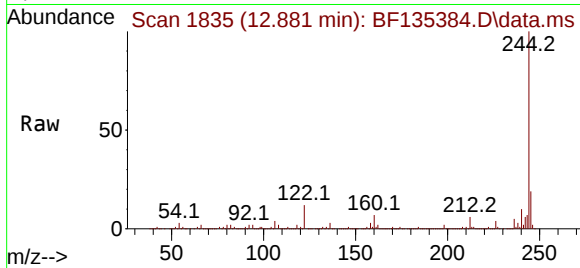
Tgt Ion:202 Resp: 58475
Ion Ratio Lower Upper
202 100
200 18.0 16.2 24.2
203 18.2 14.2 21.4





#79
 Terphenyl-d14
 Concen: 38.509 ng
 RT: 12.881 min Scan# 1835
 Delta R.T. -0.011 min
 Lab File: BF135384.D
 Acq: 21 Sep 2023 17:09

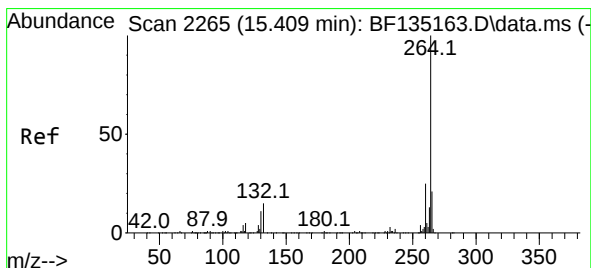
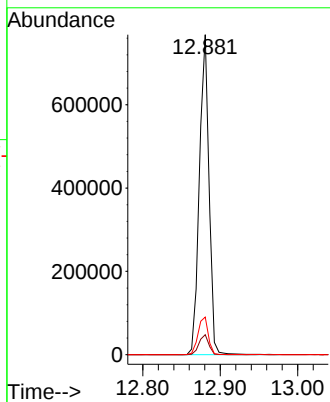
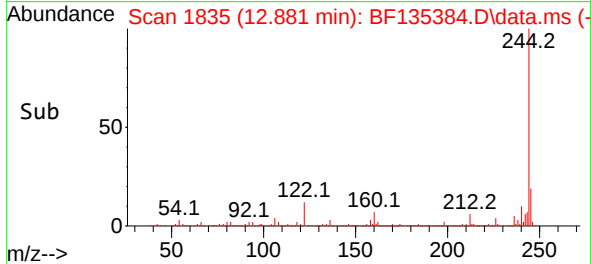
Instrument :
 BNA_F
 ClientSampleId :
 WC-1



Tgt Ion:244 Resp: 662919
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.8 7.9 11.9

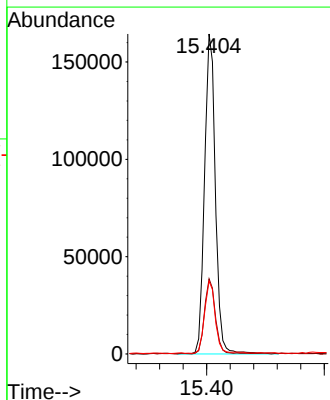
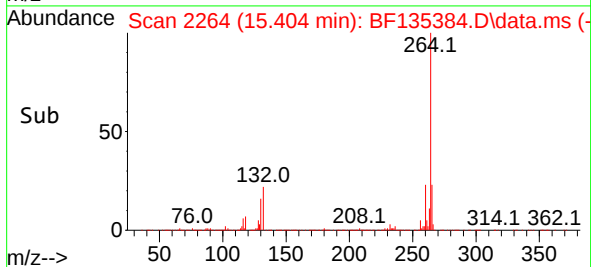
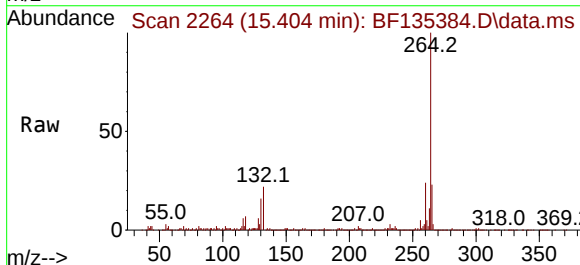
Manual Integrations
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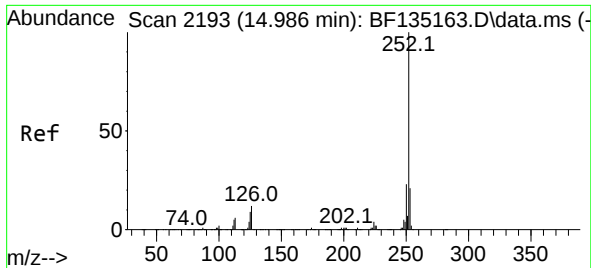
Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/27/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.005 min
 Lab File: BF135384.D
 Acq: 21 Sep 2023 17:09

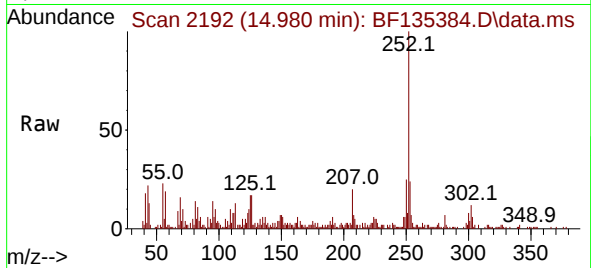
Tgt Ion:264 Resp: 210134
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 22.8 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 2.302 ng m
RT: 14.980 min Scan# 2193
Delta R.T. -0.005 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:252 Resp: 26188
Ion Ratio Lower Upper
252 100
253 24.2 17.2 25.8
125 17.2 7.1 10.7

Manual Integrations
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Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023

