

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139335.D
 Acq On : 11 Sep 2024 19:34
 Operator : RC/JU
 Sample : P3929-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN-2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 05:16:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	73127	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	373773	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	118063	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	262108	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	108012	20.000	ng	-0.01
86) Perylene-d12	15.516	264	136855	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	400750	91.676	ng	0.00
7) Phenol-d6	6.510	99	491405	84.207	ng	0.00
23) Nitrobenzene-d5	7.445	82	329414	45.849	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	94637	92.828	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	883913	115.569	ng	-0.01
79) Terphenyl-d14	12.992	244	633147	94.644	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.428	178	89297	7.293	ng	99
75) Fluoranthene	12.616	202	177022	14.421	ng	99
78) Pyrene	12.845	202	159355	15.273	ng	99
81) Benzo(a)anthracene	14.033	228	50405	7.308	ng	94
83) Chrysene	14.063	228	49334	7.664	ng	99
88) Benzo(b)fluoranthene	15.080	252	77309m	9.809	ng	
89) Benzo(k)fluoranthene	15.098	252	27527m	3.895	ng	
90) Benzo(a)pyrene	15.451	252	47497	7.097	ng	98
92) Benzo(g,h,i)perylene	17.427	276	25974	3.571	ng	98

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

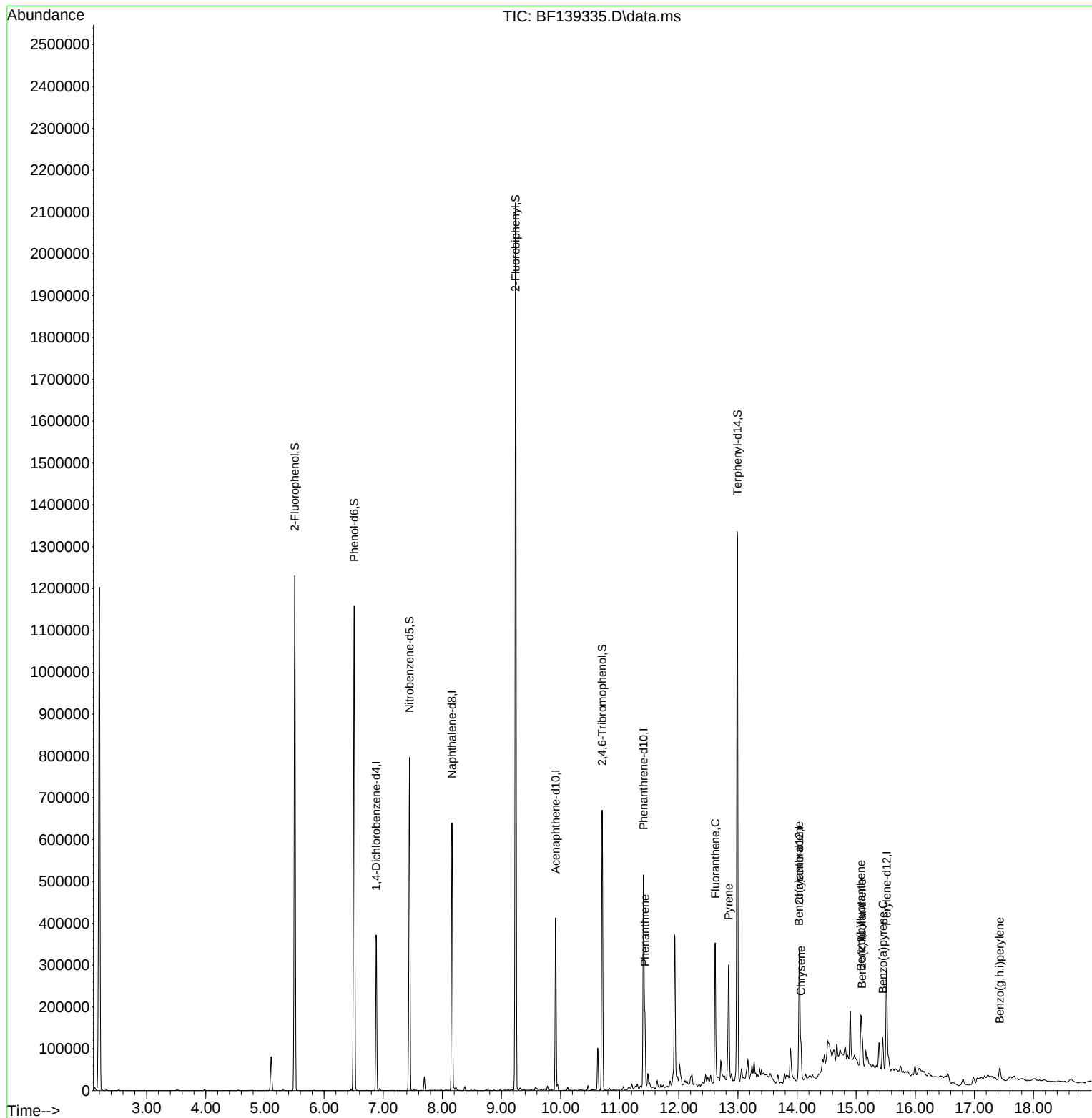
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139335.D
Acq On : 11 Sep 2024 19:34
Operator : RC/JU
Sample : P3929-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

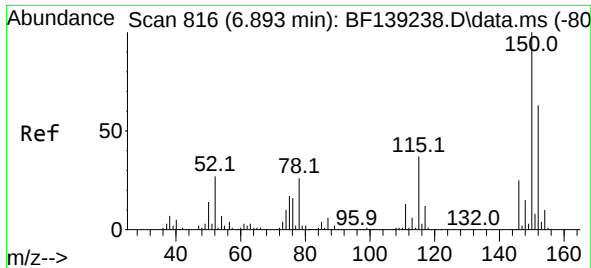
Instrument :
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BIN-2

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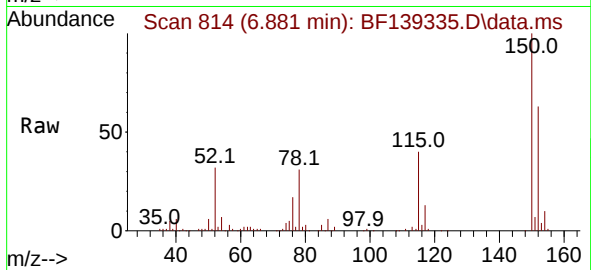
Quant Time: Sep 12 05:16:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34

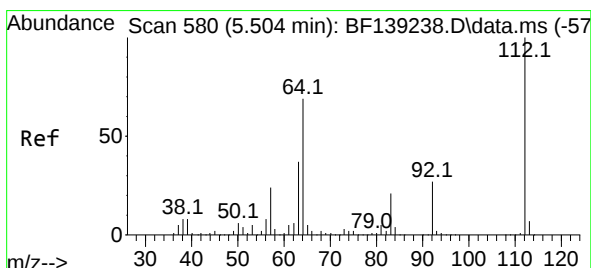
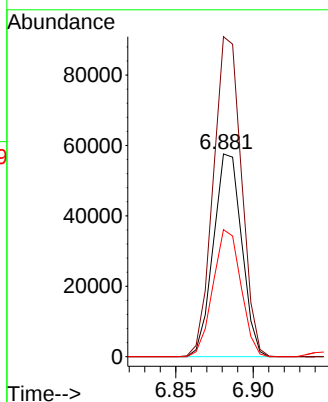
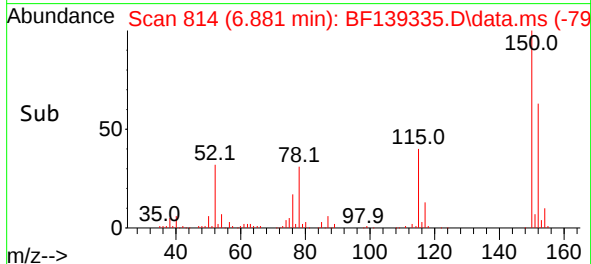
Instrument :
BNA_F
ClientSampleId :
BIN-2



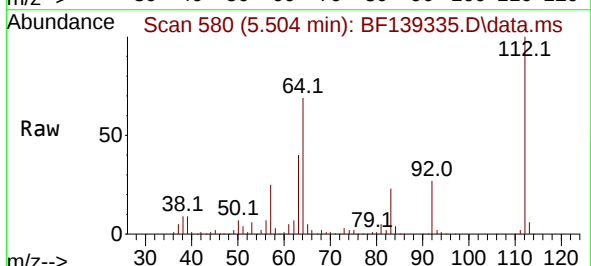
Tgt Ion:152 Resp: 7312
Ion Ratio Lower Upper
152 100
150 157.9 127.0 190.4
115 62.7 46.9 70.3

Manual Integrations
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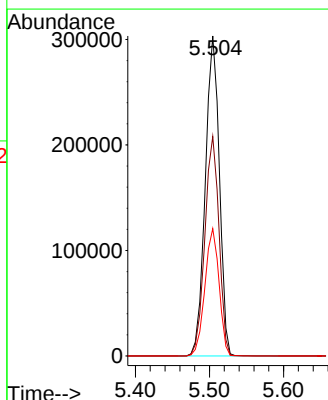
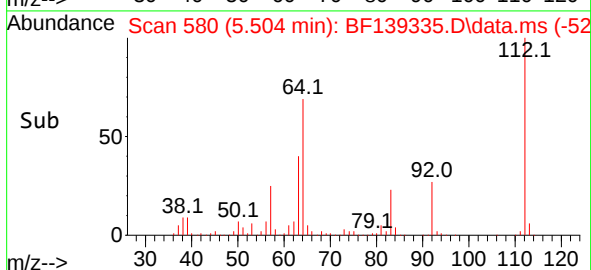
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

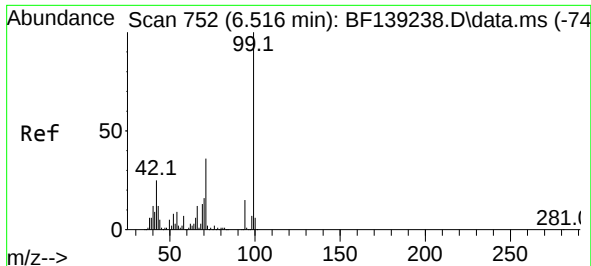


#5
2-Fluorophenol
Concen: 91.676 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34



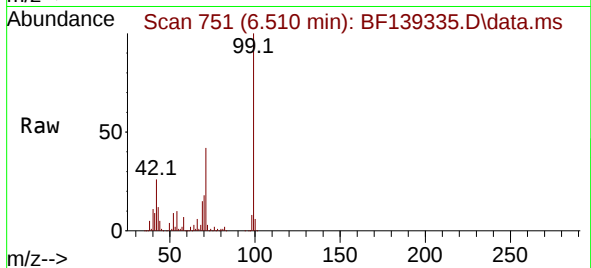
Tgt Ion:112 Resp: 400750
Ion Ratio Lower Upper
112 100
64 68.6 55.0 82.4
63 39.8 29.9 44.9





#7
Phenol-d6
Concen: 84.207 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34

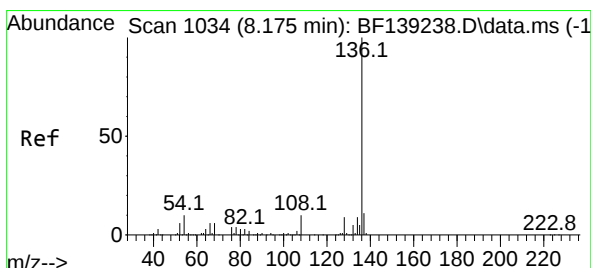
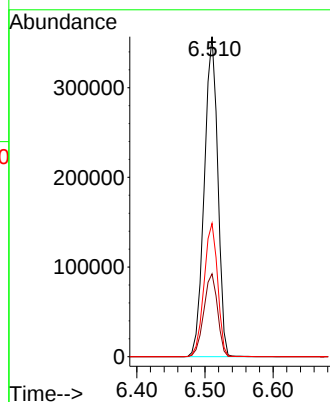
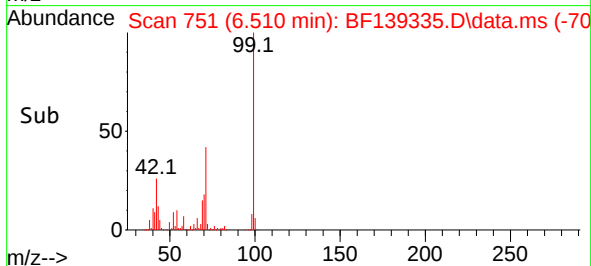
Instrument :
BNA_F
ClientSampleId :
BIN-2



Tgt Ion: 99 Resp: 49140
Ion Ratio Lower Upper
99 100
42 25.9 19.8 29.6
71 41.7 28.8 43.2

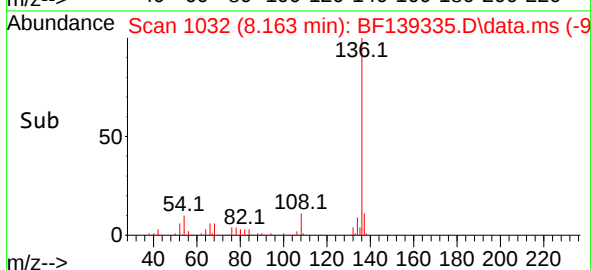
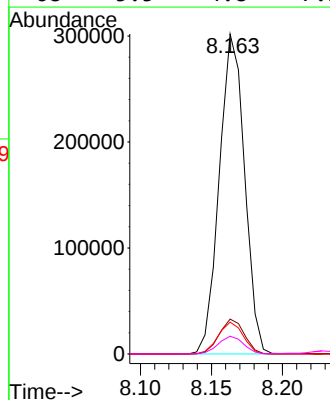
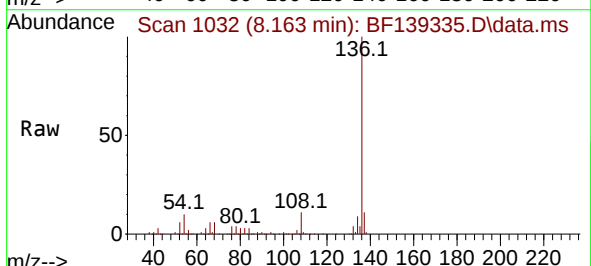
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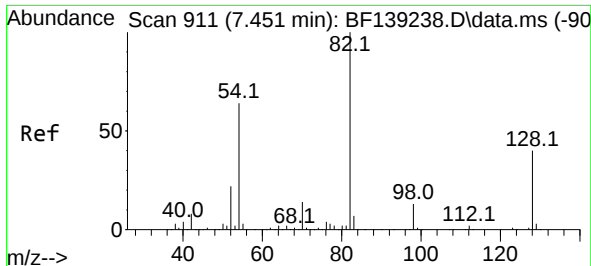
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34

Tgt Ion:136 Resp: 373773
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.9 8.4 12.6
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 45.849 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139335.D

Acq: 11 Sep 2024 19:34

Instrument :

BNA_F

ClientSampleId :

BIN-2

Tgt Ion: 82 Resp: 329414

Ion Ratio Lower Upper

82 100

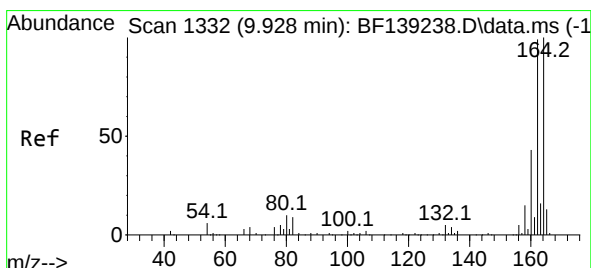
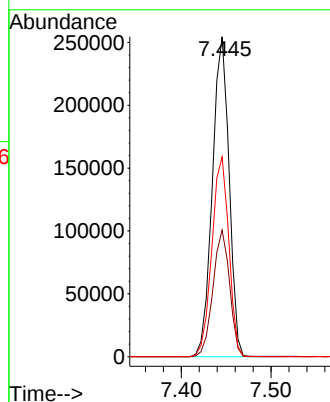
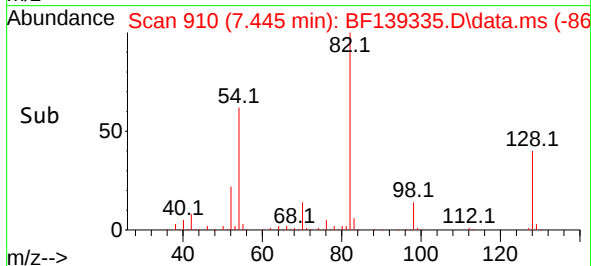
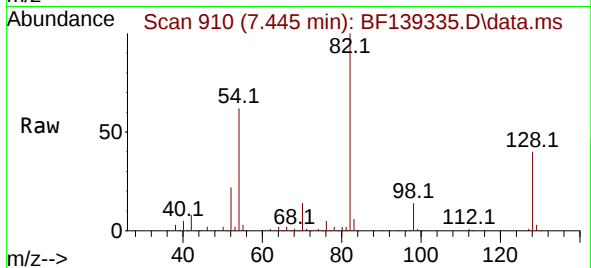
128 39.6 32.3 48.5

54 62.4 51.2 76.8

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.012 min

Lab File: BF139335.D

Acq: 11 Sep 2024 19:34

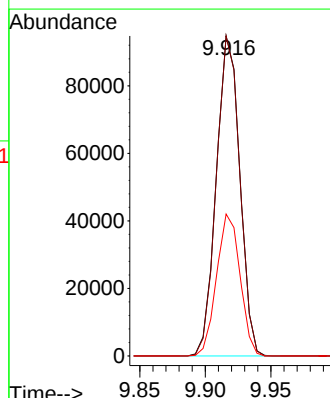
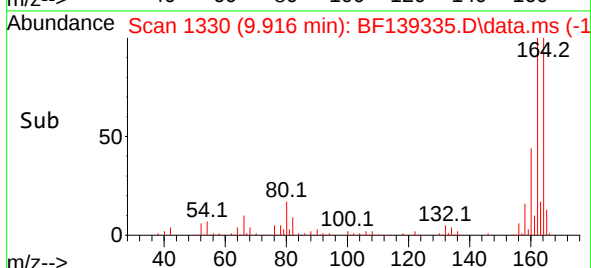
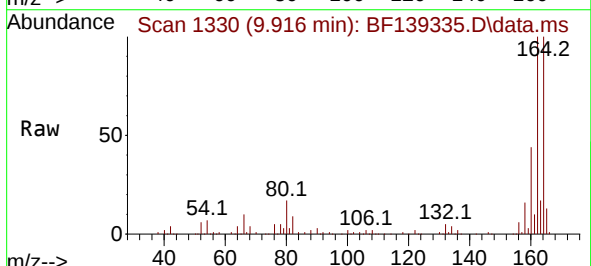
Tgt Ion:164 Resp: 118063

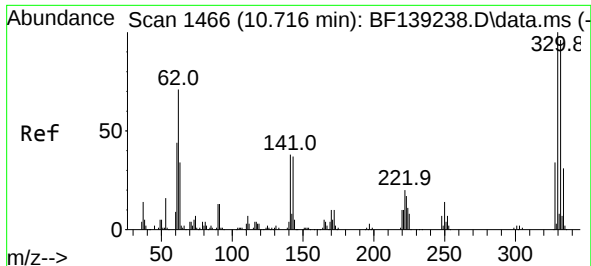
Ion Ratio Lower Upper

164 100

162 100.0 79.2 118.8

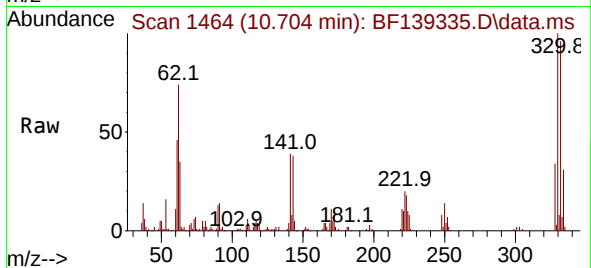
160 44.3 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 92.828 ng
RT: 10.704 min Scan# 1466
Delta R.T. -0.012 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34

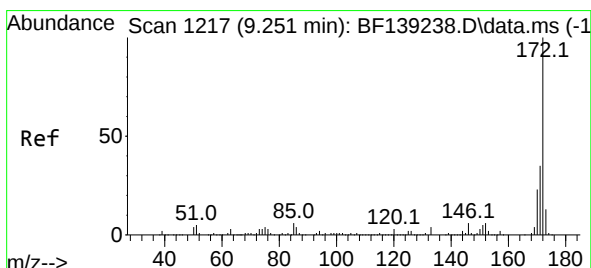
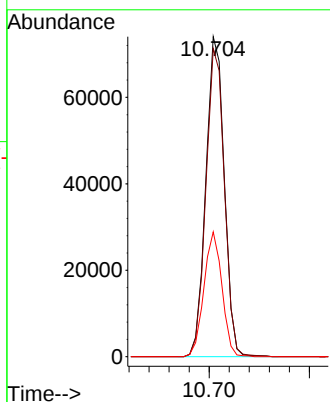
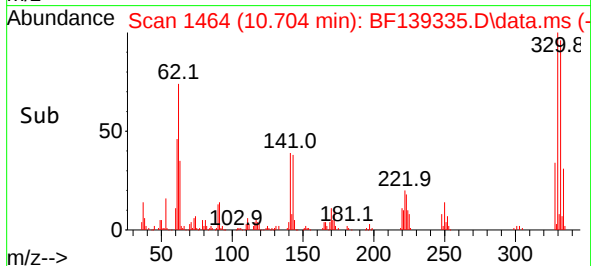
Instrument :
BNA_F
ClientSampleId :
BIN-2



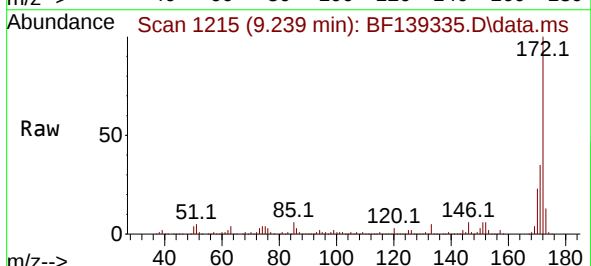
Tgt Ion:330 Resp: 9463
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 38.2 30.1 45.1

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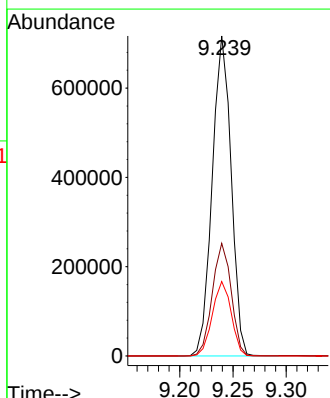
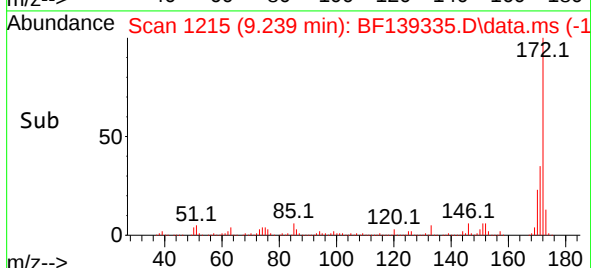
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

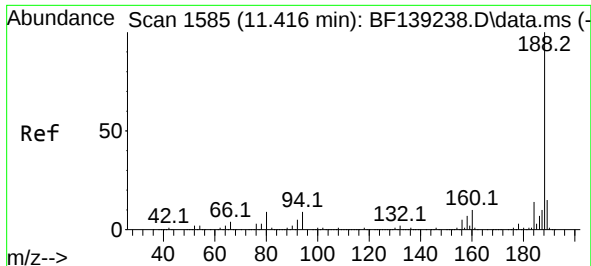


#45
2-Fluorobiphenyl
Concen: 115.569 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34



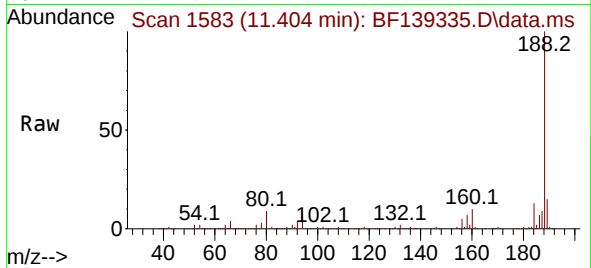
Tgt Ion:172 Resp: 883913
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.3 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34

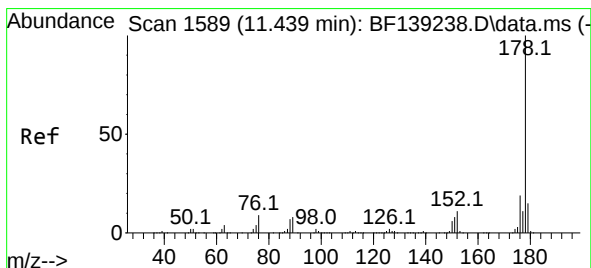
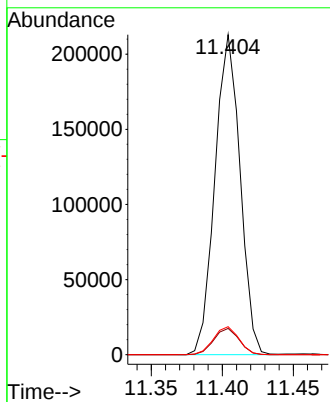
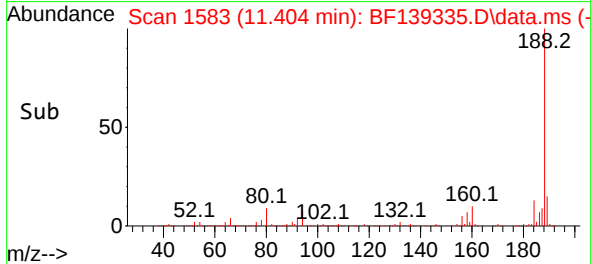
Instrument :
BNA_F
ClientSampleId :
BIN-2



Tgt Ion:188 Resp: 262108
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 8.8 7.3 10.9

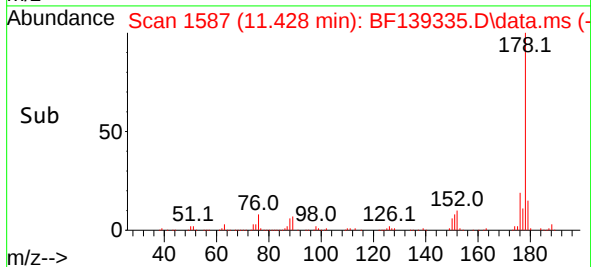
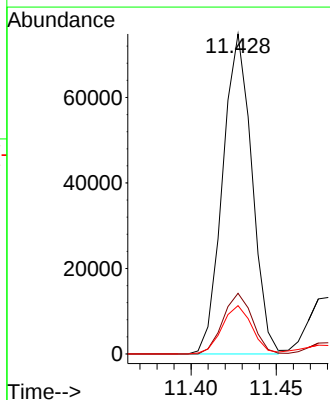
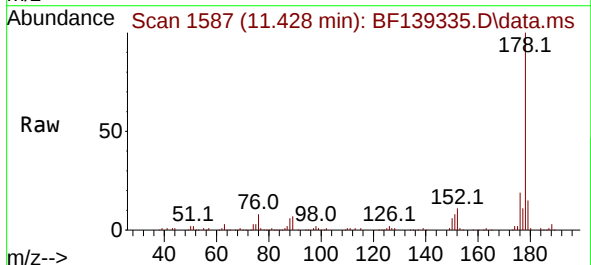
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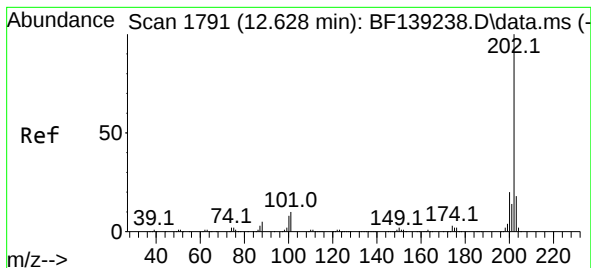
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#71
Phenanthrene
Concen: 7.293 ng
RT: 11.428 min Scan# 1587
Delta R.T. -0.012 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34

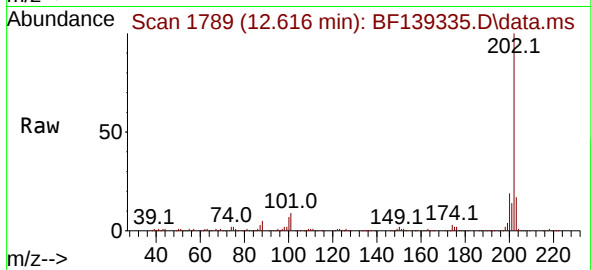
Tgt Ion:178 Resp: 89297
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.1 12.3 18.5





#75
Fluoranthene
Concen: 14.421 ng
RT: 12.616 min Scan# 17702
Delta R.T. -0.012 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34

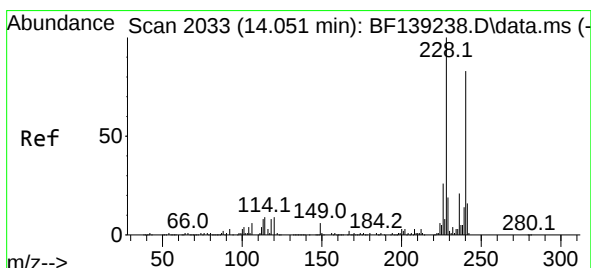
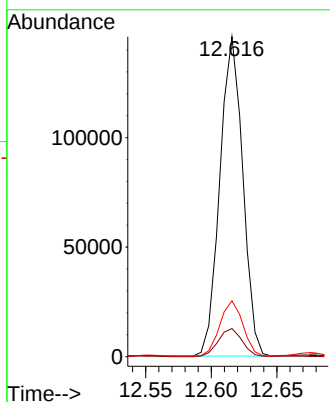
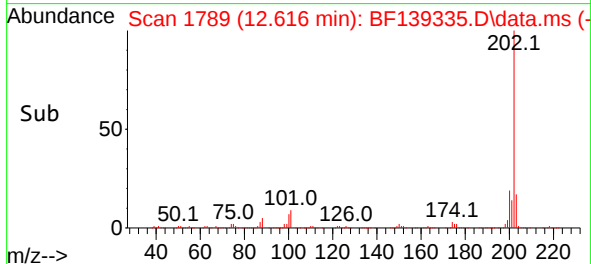
Instrument :
BNA_F
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BIN-2



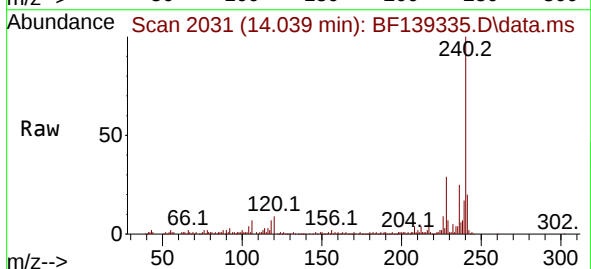
Tgt Ion:202 Resp: 17702
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.9
203 17.5 0.0 37.7

Manual Integrations
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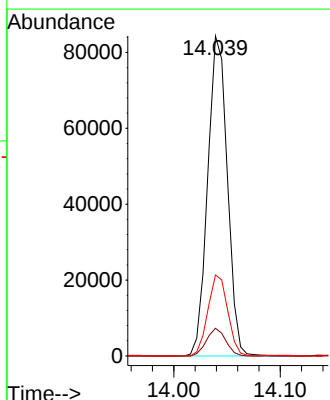
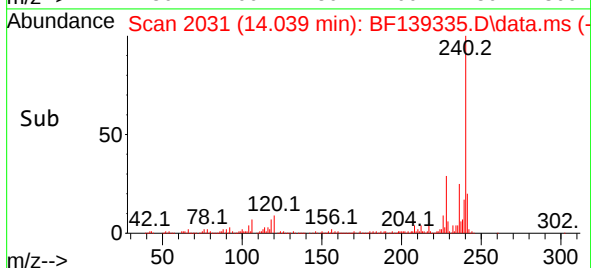
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

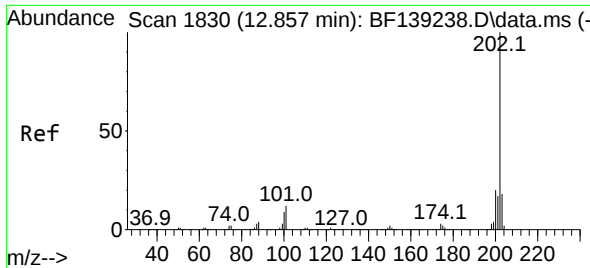


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34



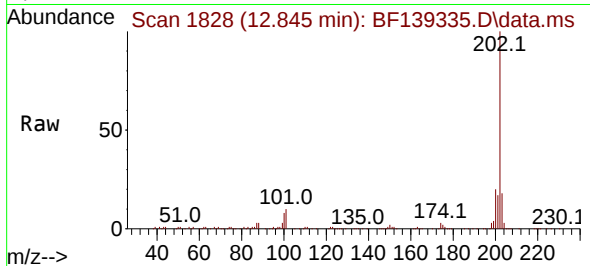
Tgt Ion:240 Resp: 108012
Ion Ratio Lower Upper
240 100
120 8.7 8.6 12.8
236 25.3 20.7 31.1





#78
Pyrene
Concen: 15.273 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34

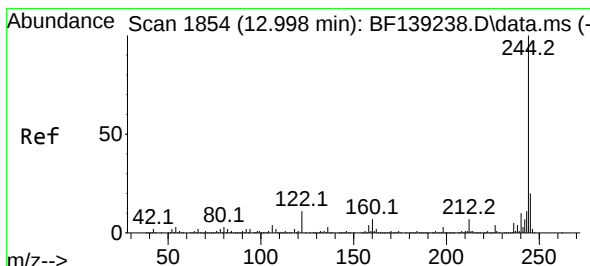
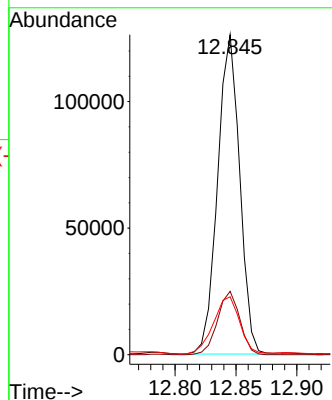
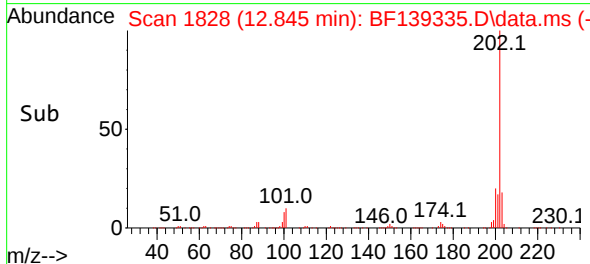
Instrument :
BNA_F
ClientSampleId :
BIN-2



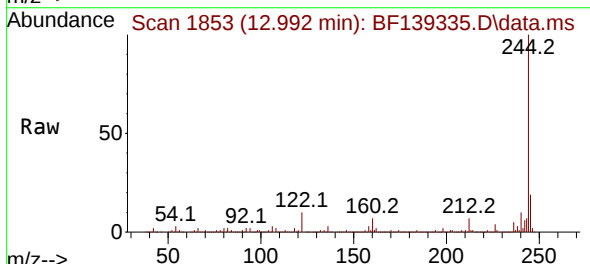
Tgt Ion:202 Resp: 15935
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.8
203 18.1 14.1 21.1

Manual Integrations
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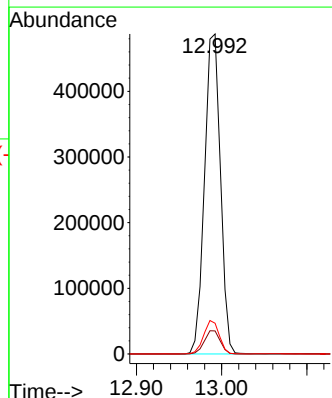
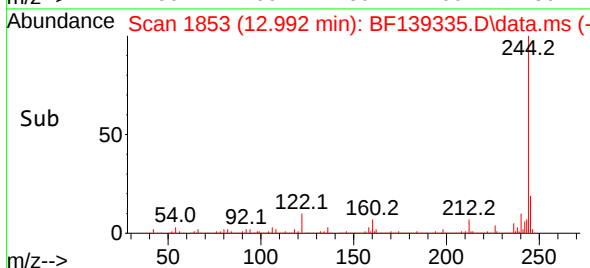
Reviewed By :Jagrut Upadhyay 09/12/2024
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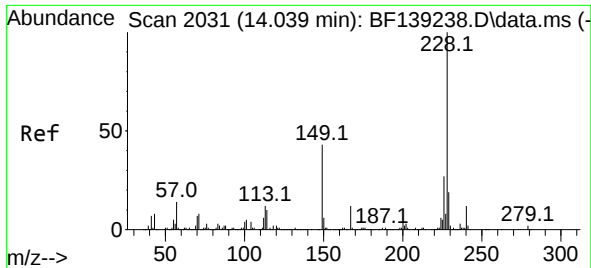


#79
Terphenyl-d14
Concen: 94.644 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34



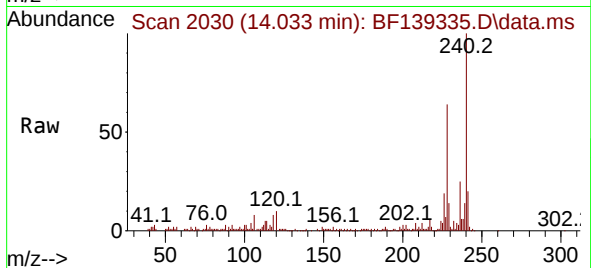
Tgt Ion:244 Resp: 633147
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.6 8.7 13.1





#81
Benzo(a)anthracene
Concen: 7.308 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34

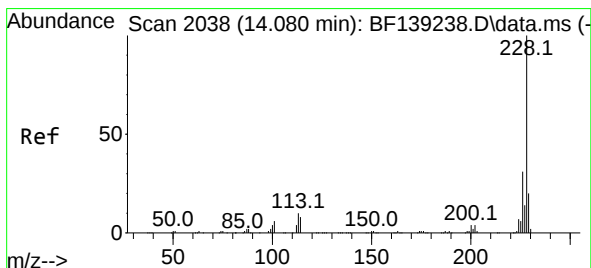
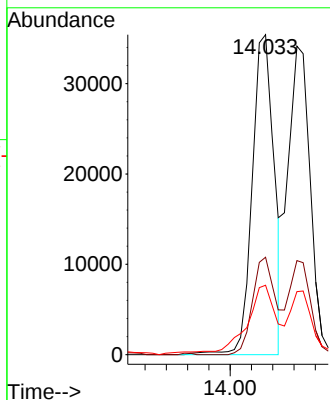
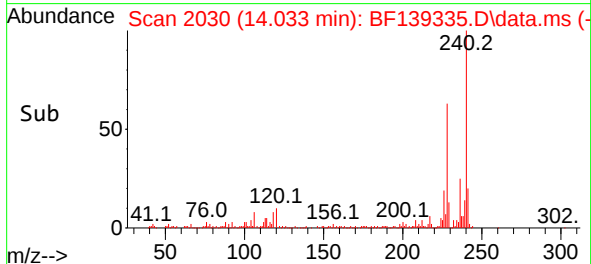
Instrument :
BNA_F
ClientSampleId :
BIN-2



Tgt Ion:228 Resp: 5040
Ion Ratio Lower Upper
228 100
226 30.4 21.5 32.3
229 21.7 15.6 23.4

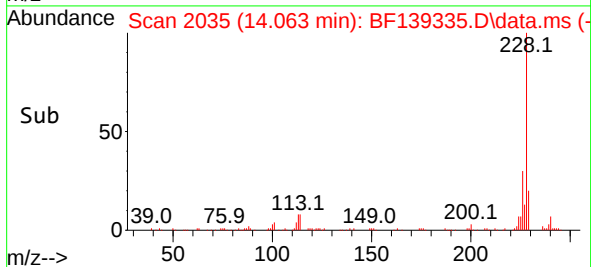
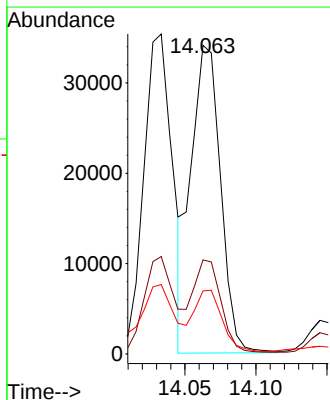
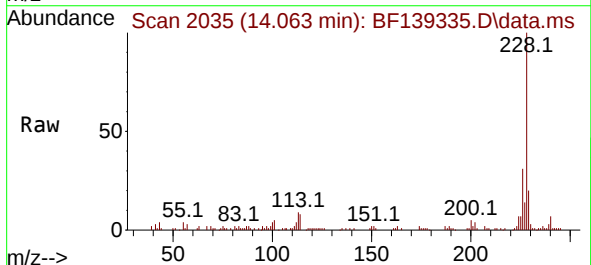
Manual Integrations
APPROVED

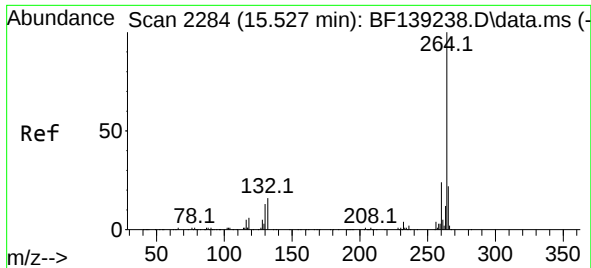
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#83
Chrysene
Concen: 7.664 ng
RT: 14.063 min Scan# 2035
Delta R.T. -0.018 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34

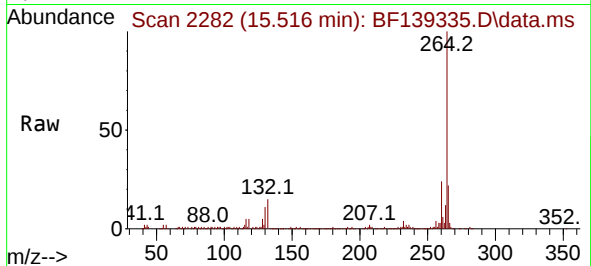
Tgt Ion:228 Resp: 49334
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.8
229 20.4 15.8 23.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34

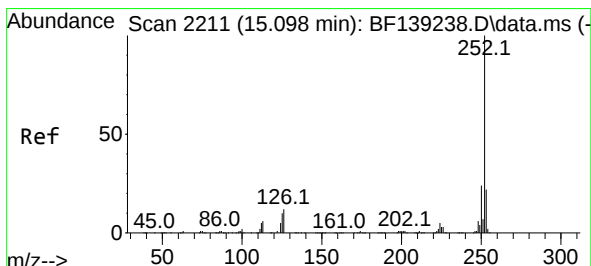
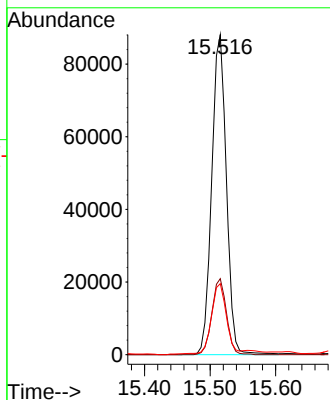
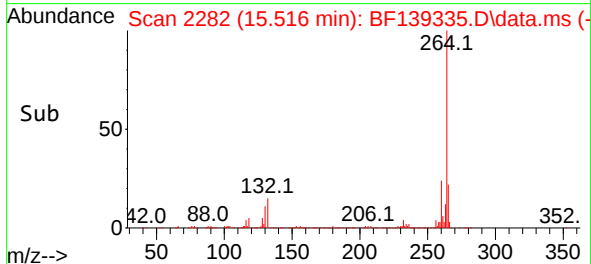
Instrument :
BNA_F
ClientSampleId :
BIN-2



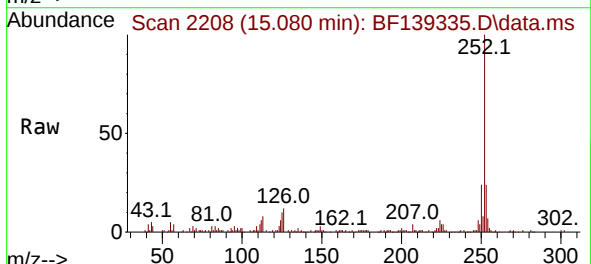
Tgt Ion:264 Resp: 13685
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 22.2 17.3 25.9

Manual Integrations
APPROVED

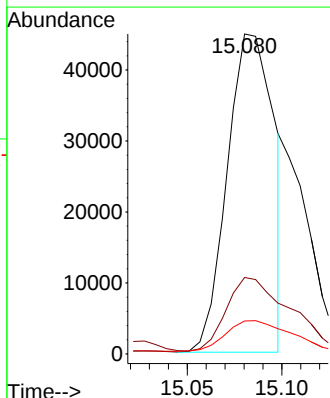
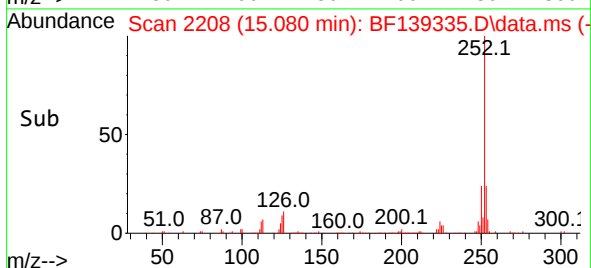
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

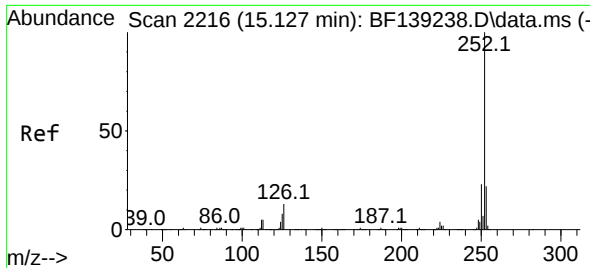


#88
Benzo(b)fluoranthene
Concen: 9.809 ng m
RT: 15.080 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34



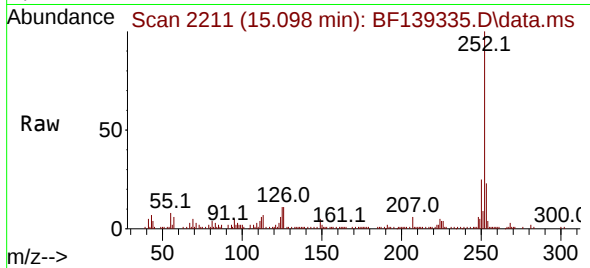
Tgt Ion:252 Resp: 77309
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 10.3 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 3.895 ng m
RT: 15.098 min Scan# 2216
Delta R.T. -0.029 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34

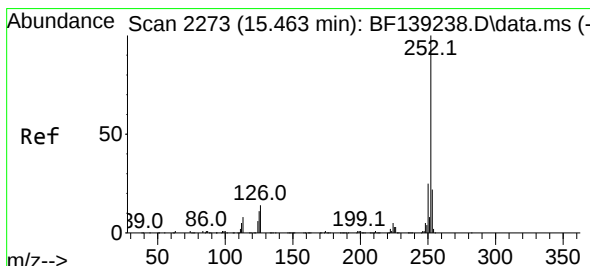
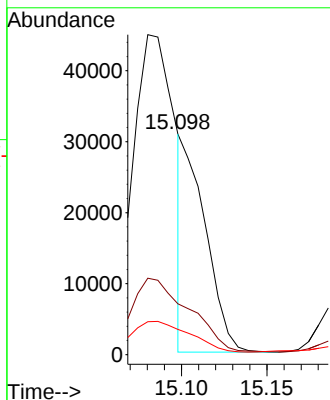
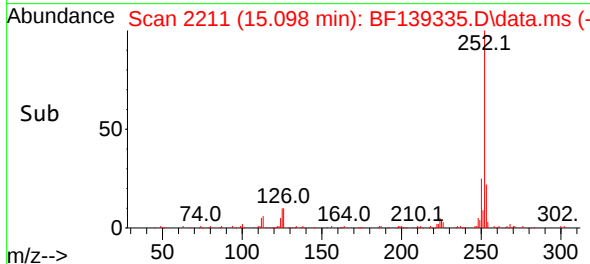
Instrument :
BNA_F
ClientSampleId :
BIN-2



Tgt Ion:252 Resp: 2752
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 11.4 7.2 10.8

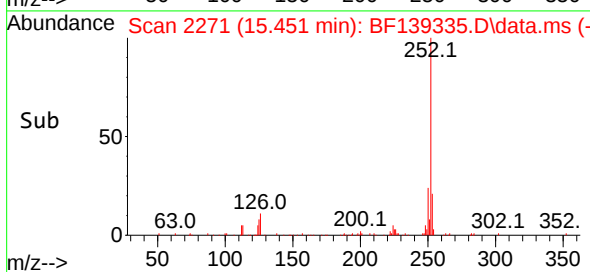
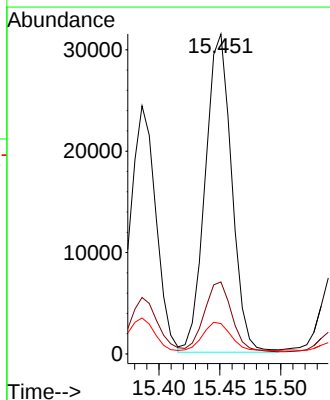
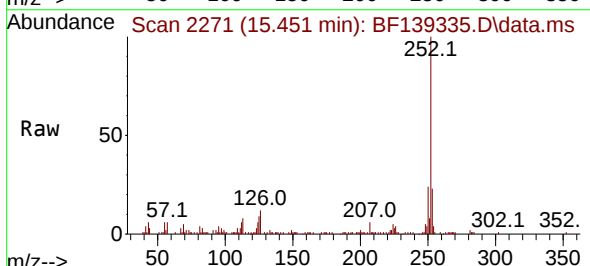
Manual Integrations
APPROVED

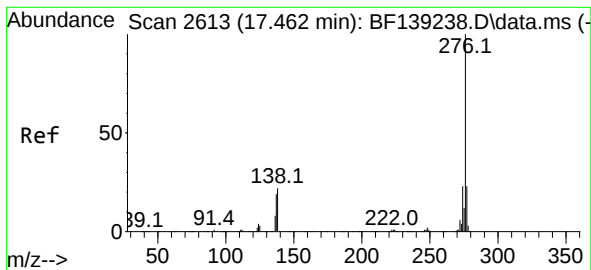
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#90
Benzo(a)pyrene
Concen: 7.097 ng
RT: 15.451 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF139335.D
Acq: 11 Sep 2024 19:34

Tgt Ion:252 Resp: 47497
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 9.5 8.6 13.0





#92

Benzo(g,h,i)perylene

Concen: 3.571 ng

RT: 17.427 min Scan# 20

Delta R.T. -0.035 min

Lab File: BF139335.D

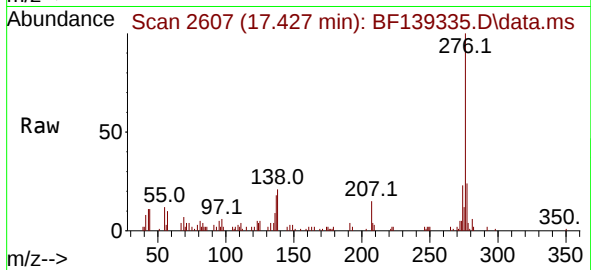
Acq: 11 Sep 2024 19:34

Instrument :

BNA_F

ClientSampleId :

BIN-2



Tgt Ion:276 Resp: 25974

Ion Ratio Lower Upper

276 100

277 24.3 18.6 27.8

138 21.1 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024

Supervised By :mohammad ahmed 09/13/2024

