

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139299.D
 Acq On : 10 Sep 2024 14:58
 Operator : RC/JU
 Sample : P3905-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3A

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
 Supervised By :mohammad ahmed 09/12/2024

Quant Time: Sep 10 15:33:22 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	6.887	152	117624	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	444590	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	237134	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	380031	20.000	ng	0.00
76) Chrysene-d12	14.051	240	200845	20.000	ng	0.00
86) Perylene-d12	15.527	264	193830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	708337	100.741	ng	0.00
7) Phenol-d6	6.510	99	948194	101.015	ng	0.00
23) Nitrobenzene-d5	7.451	82	616096	72.091	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	203680	99.468	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1122575	73.075	ng	0.00
79) Terphenyl-d14	12.998	244	795697	63.966	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	57307	3.228	ng	100
75) Fluoranthene	12.621	202	186654	10.487	ng	98
78) Pyrene	12.851	202	171714	8.850	ng	99
81) Benzo(a)anthracene	14.039	228	93548	7.294	ng	97
83) Chrysene	14.074	228	71441	5.969	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	35190	2.906	ng	94
88) Benzo(b)fluoranthene	15.092	252	114400m	10.249	ng	
89) Benzo(k)fluoranthene	15.110	252	38986m	3.895	ng	
90) Benzo(a)pyrene	15.462	252	76757	8.098	ng	99
92) Benzo(g,h,i)perylene	17.445	276	32803	3.185	ng	98

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

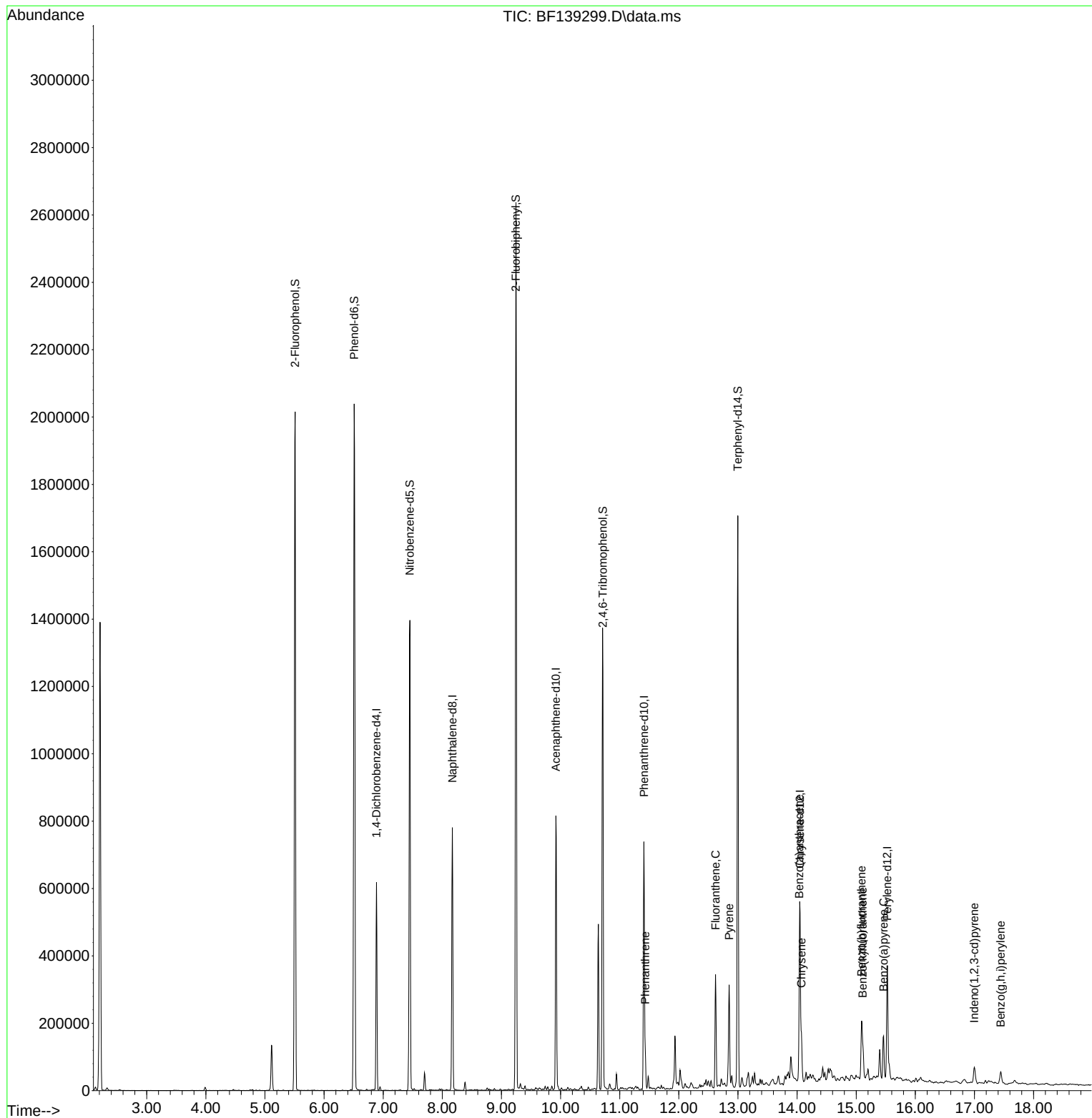
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139299.D
Acq On : 10 Sep 2024 14:58
Operator : RC/JU
Sample : P3905-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

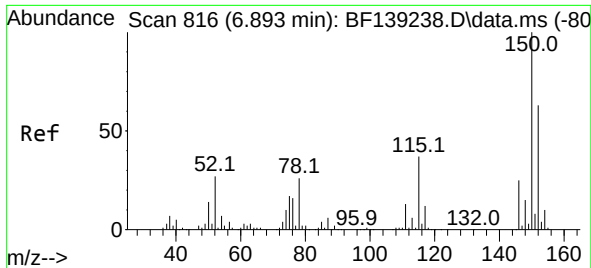
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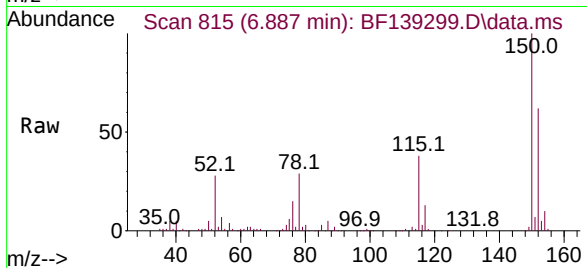
Quant Time: Sep 10 15:33:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

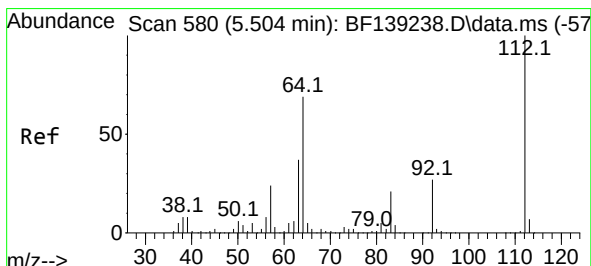
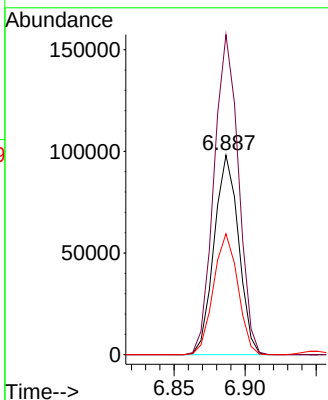
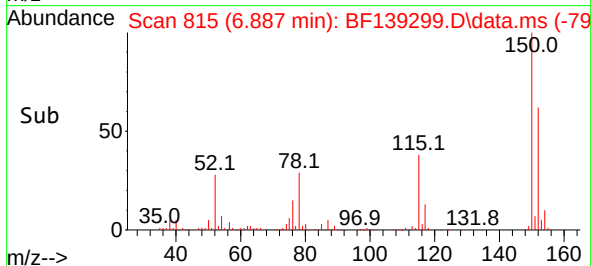
Instrument :
BNA_F
ClientSampleId :
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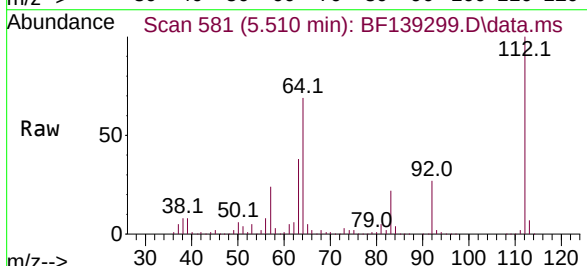
Tgt Ion:152 Resp: 117624
Ion Ratio Lower Upper
152 100
150 160.4 127.0 190.4
115 60.6 46.9 70.3

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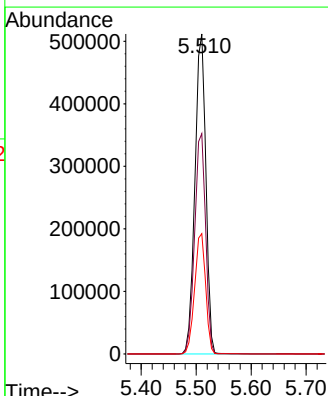
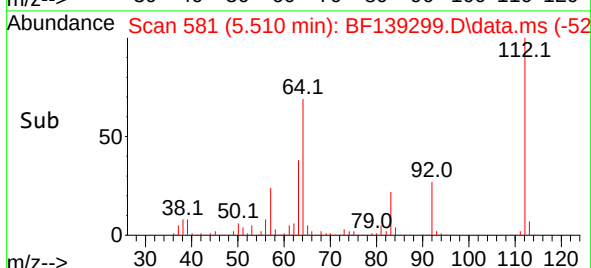
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

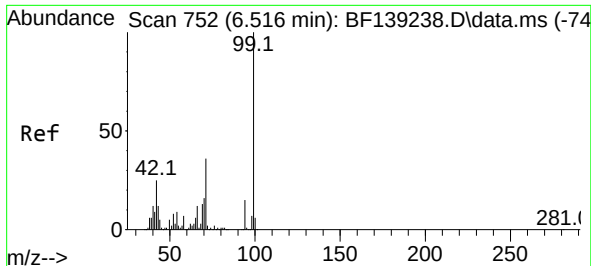


#5
2-Fluorophenol
Concen: 100.741 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58



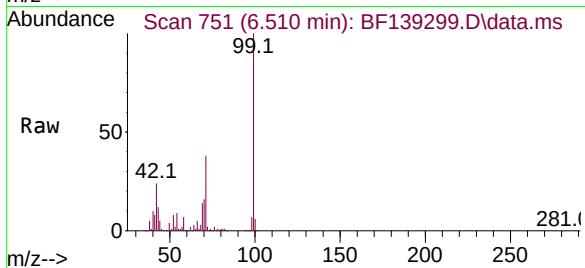
Tgt Ion:112 Resp: 708337
Ion Ratio Lower Upper
112 100
64 68.9 55.0 82.4
63 37.6 29.9 44.9





#7
Phenol-d6
Concen: 101.015 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

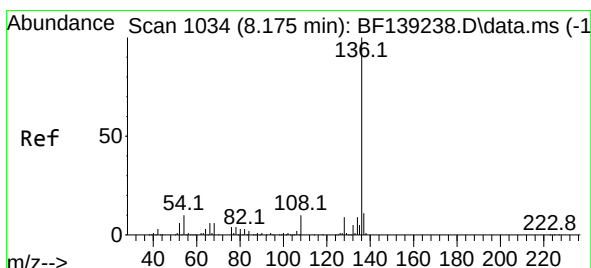
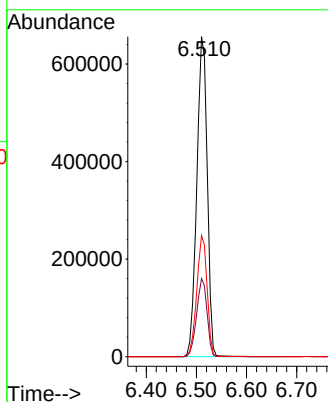
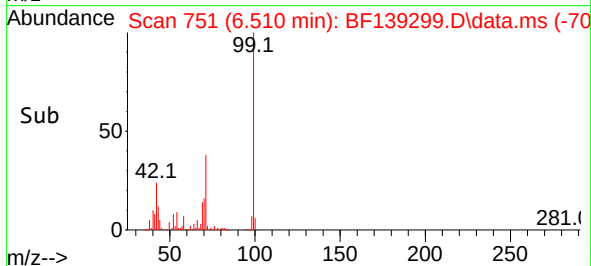
Instrument :
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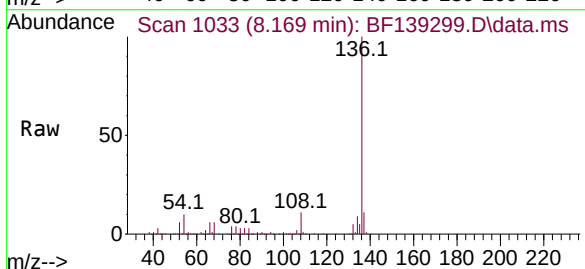
Tgt Ion: 99 Resp: 948194
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 37.9 28.8 43.2

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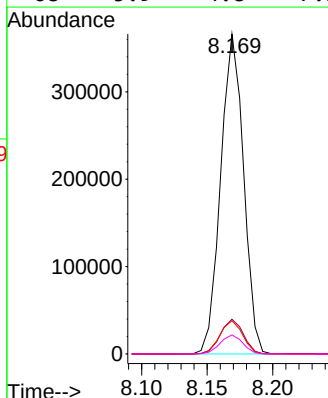
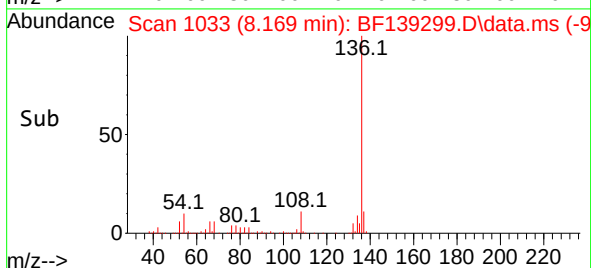
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

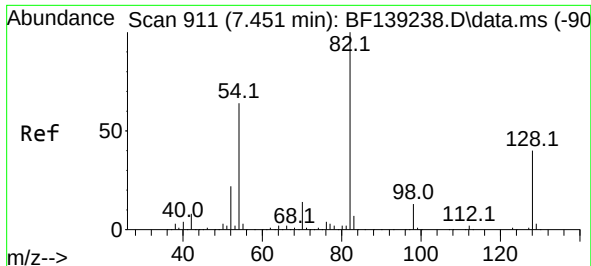


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58



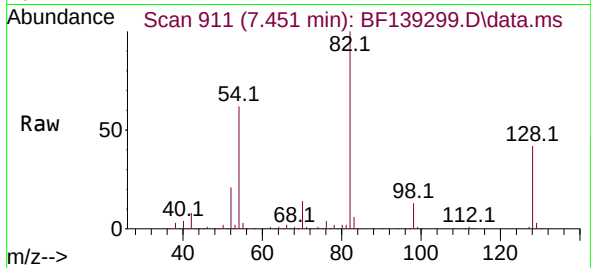
Tgt Ion:136 Resp: 444590
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.4 8.4 12.6
68 5.9 4.8 7.2





#23
Nitrobenzene-d5
Concen: 72.091 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

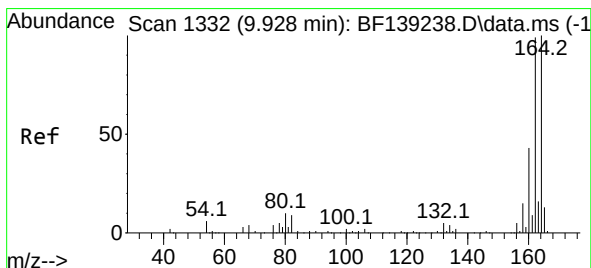
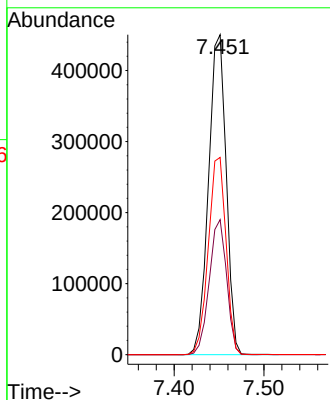
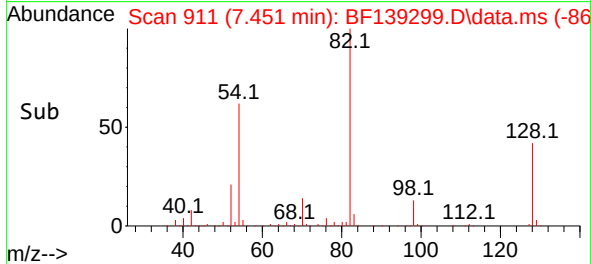
Instrument :
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ClientSampleId :
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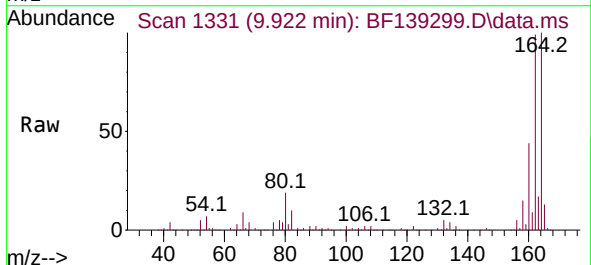
Tgt Ion: 82 Resp: 616090
Ion Ratio Lower Upper
82 100
128 42.2 32.3 48.5
54 61.7 51.2 76.8

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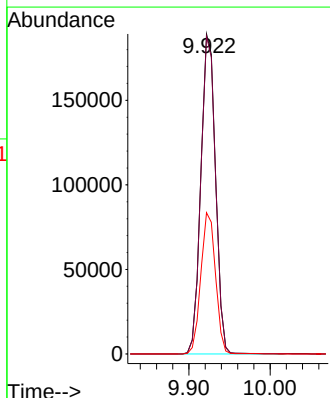
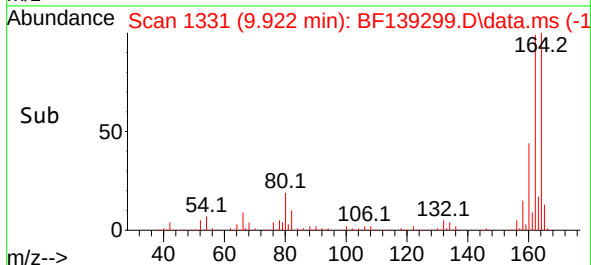
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

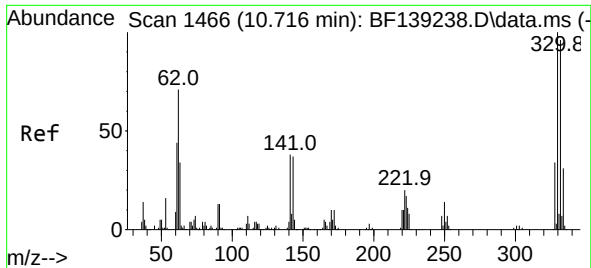


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58



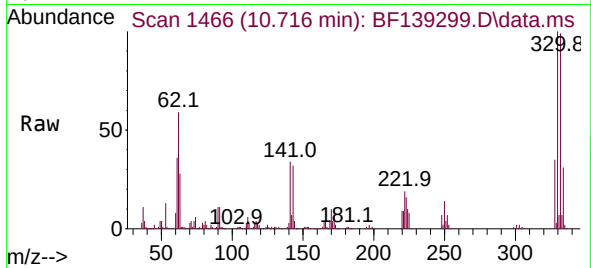
Tgt Ion:164 Resp: 237134
Ion Ratio Lower Upper
164 100
162 99.3 79.2 118.8
160 44.1 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 99.468 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

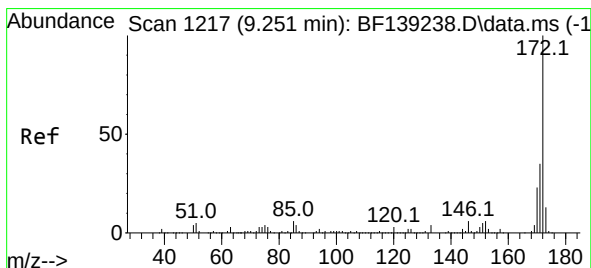
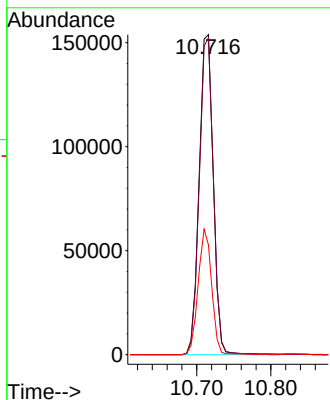
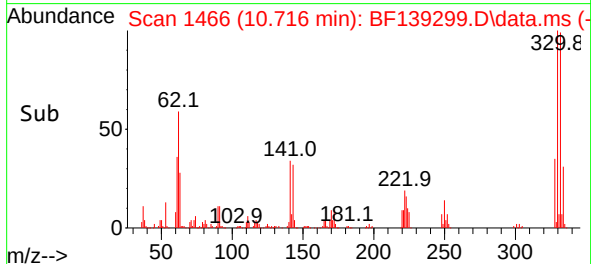
Instrument :
BNA_F
ClientSampleId :
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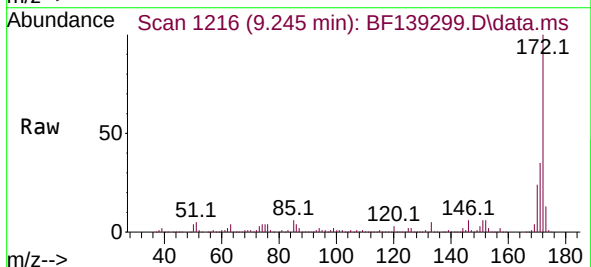
Tgt Ion: 330 Resp: 203680
Ion Ratio Lower Upper
330 100
332 98.8 76.6 115.0
141 37.7 30.1 45.1

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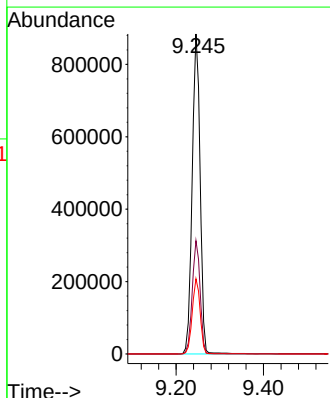
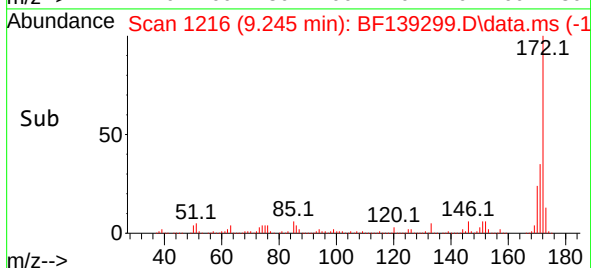
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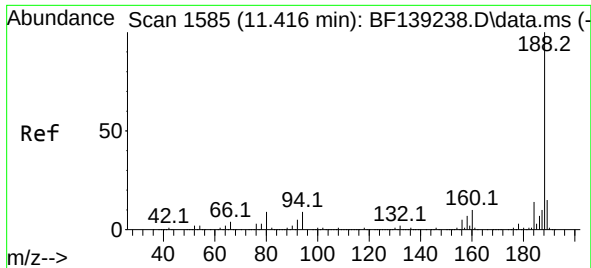


#45
2-Fluorobiphenyl
Concen: 73.075 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58



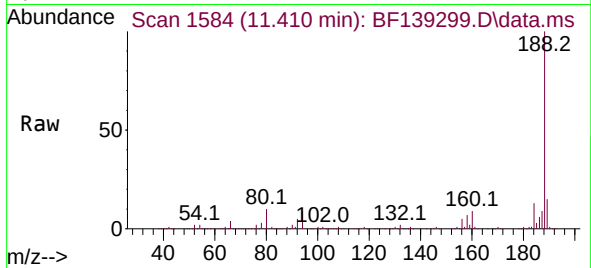
Tgt Ion: 172 Resp: 1122575
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

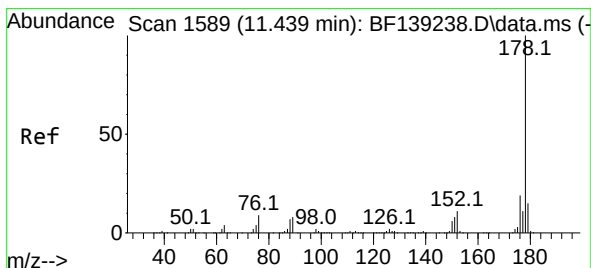
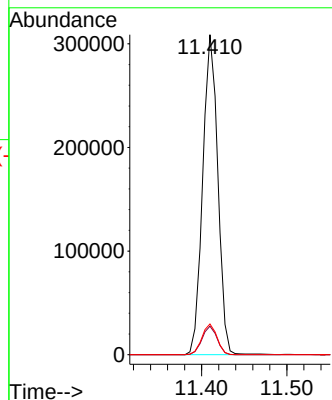
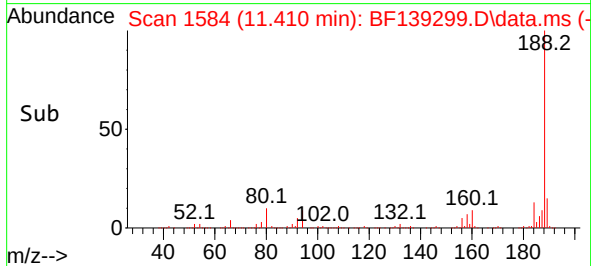
Instrument :
BNA_F
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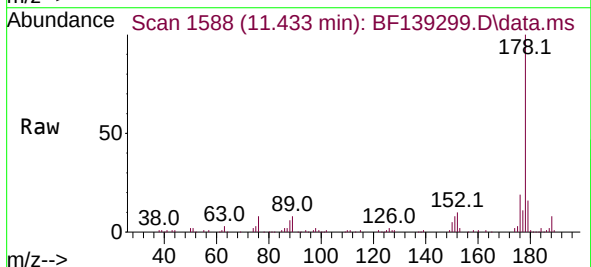
Tgt Ion:188 Resp: 38003
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.6 7.3 10.9

Manual Integrations
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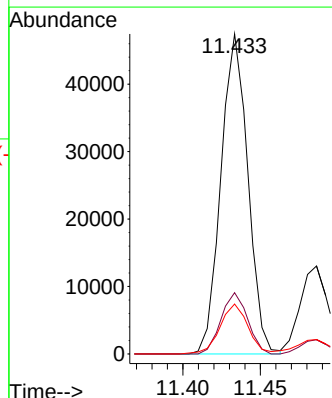
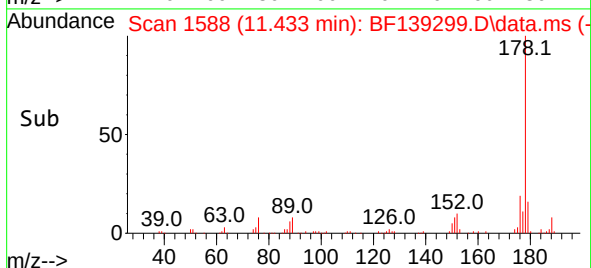
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

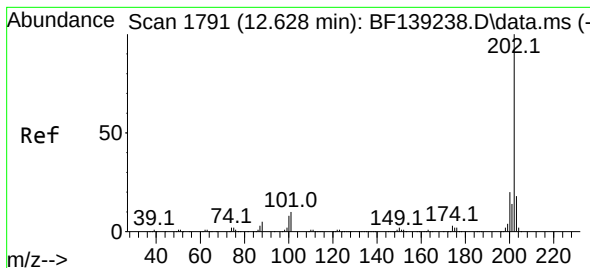


#71
Phenanthrene
Concen: 3.228 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58



Tgt Ion:178 Resp: 57307
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.6 12.3 18.5





#75

Fluoranthene

Concen: 10.487 ng

RT: 12.621 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

Instrument :

BNA_F

ClientSampleId :

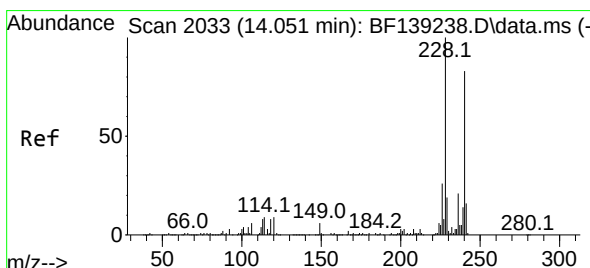
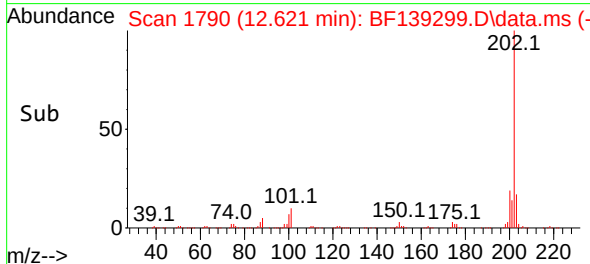
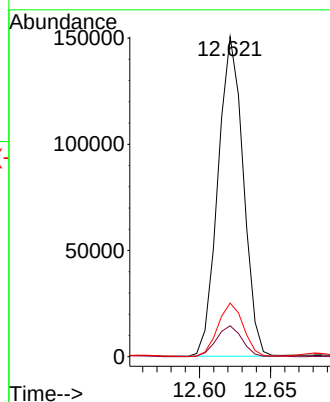
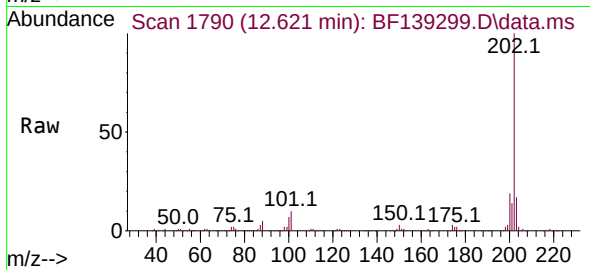
TP-3A

Tgt Ion:	202	Resp:	186654
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.9
203	16.8	0.0	37.7

Manual Integrations

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#76

Chrysene-d12

Concen: 20.000 ng

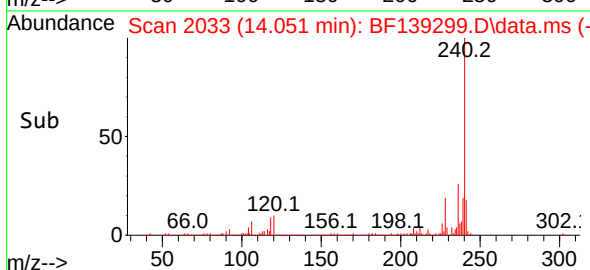
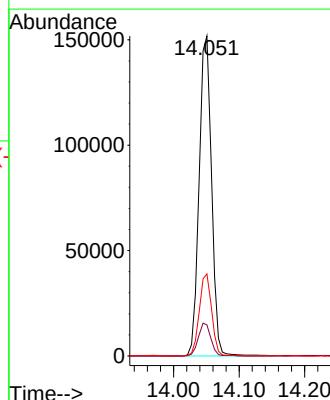
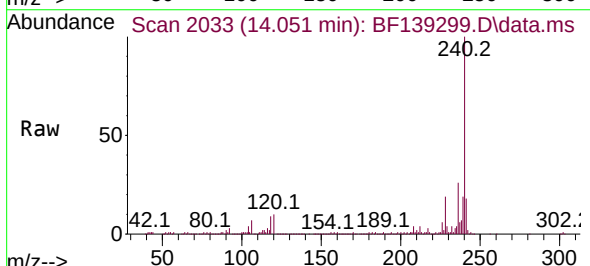
RT: 14.051 min Scan# 2033

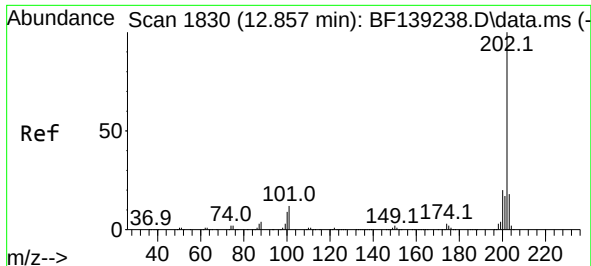
Delta R.T. -0.000 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

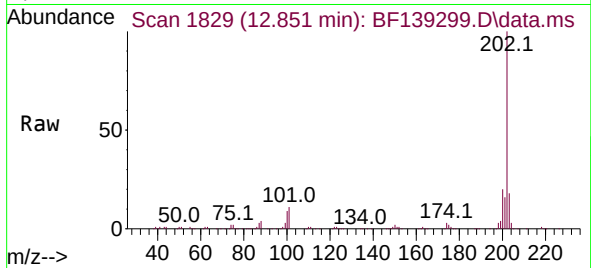
Tgt Ion:	240	Resp:	200845
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.6	12.8
236	25.7	20.7	31.1





#78
Pyrene
Concen: 8.850 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

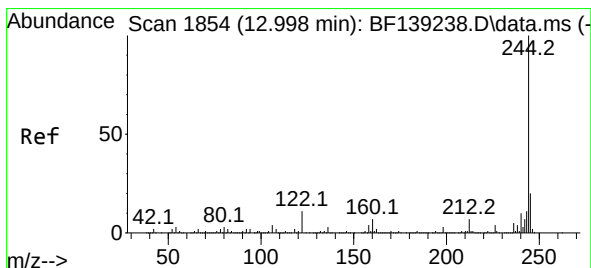
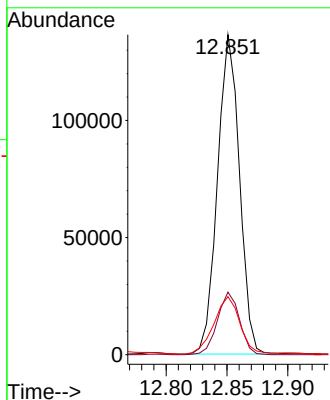
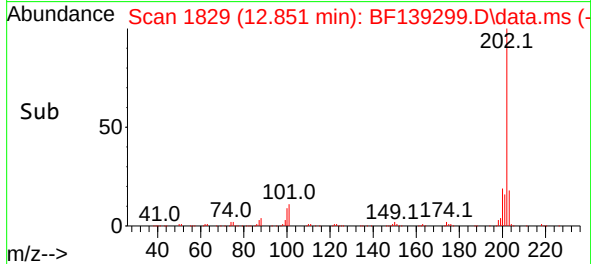
Instrument :
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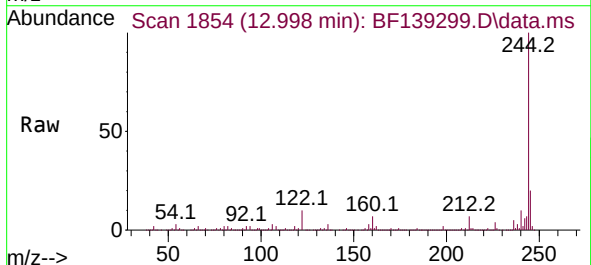
Tgt Ion:202 Resp: 171714
Ion Ratio Lower Upper
202 100
200 19.6 15.8 23.8
203 18.1 14.1 21.1

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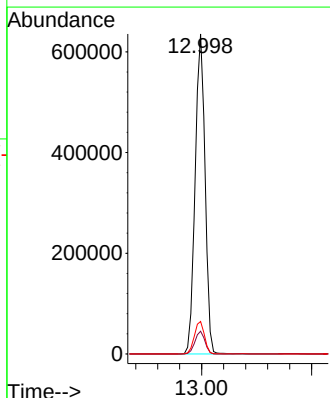
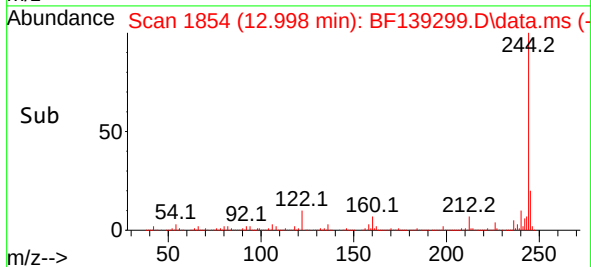
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

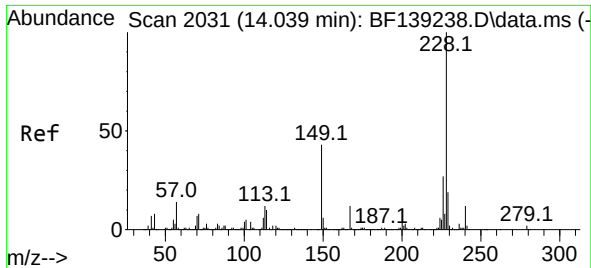


#79
Terphenyl-d14
Concen: 63.966 ng
RT: 12.998 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58



Tgt Ion:244 Resp: 795697
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.2 8.7 13.1





#81
Benzo(a)anthracene
Concen: 7.294 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

Instrument :

BNA_F

ClientSampleId :

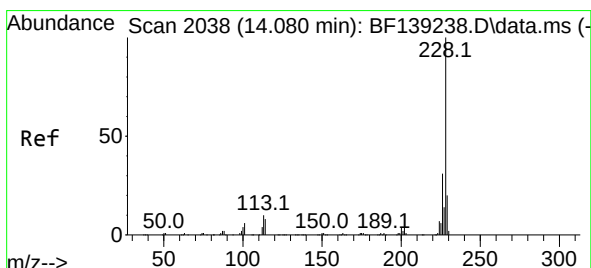
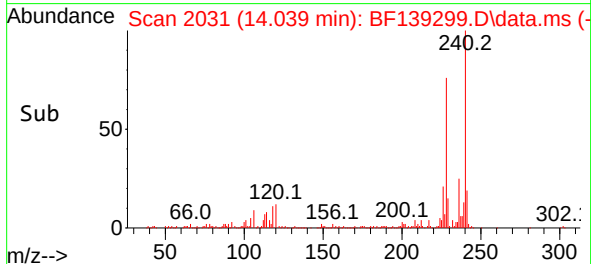
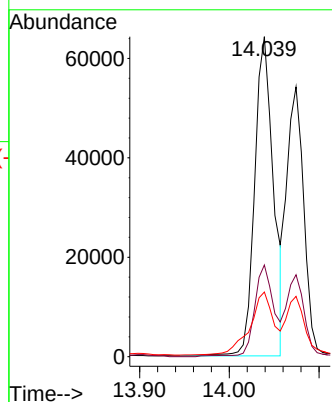
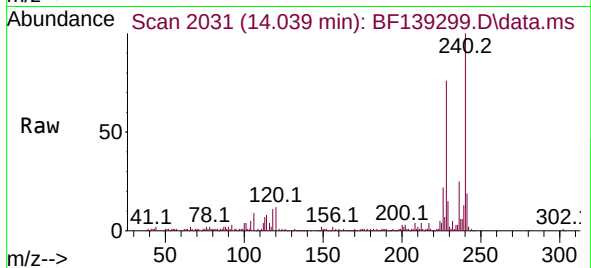
TP-3A

Tgt Ion:228 Resp: 9354
Ion Ratio Lower Upper
228 100
226 28.6 21.5 32.3
229 20.2 15.6 23.4

Manual Integrations

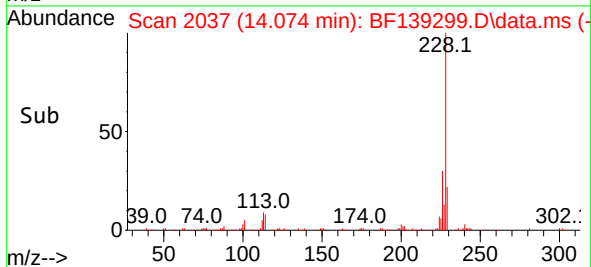
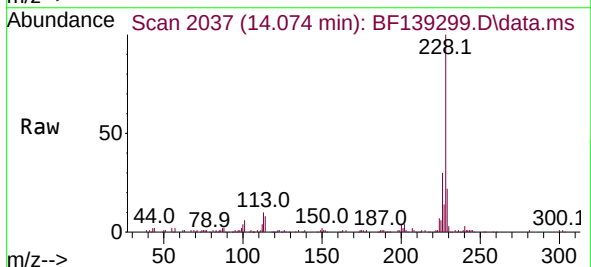
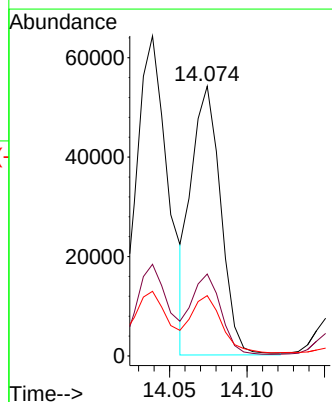
APPROVED

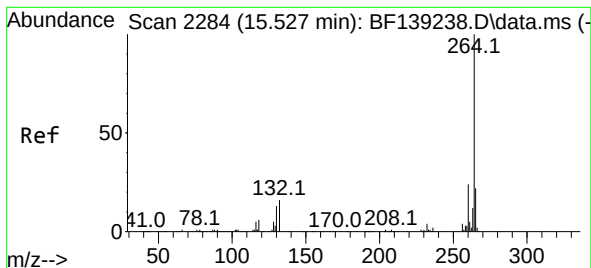
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#83
Chrysene
Concen: 5.969 ng
RT: 14.074 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

Tgt Ion:228 Resp: 71441
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 22.4 15.8 23.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

Instrument :

BNA_F

ClientSampleId :

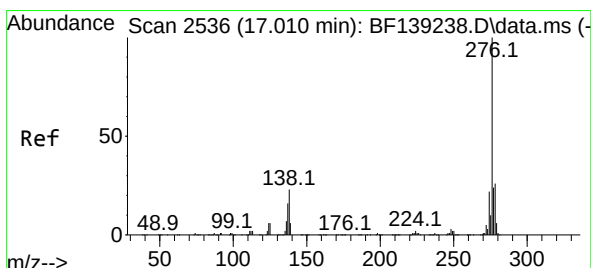
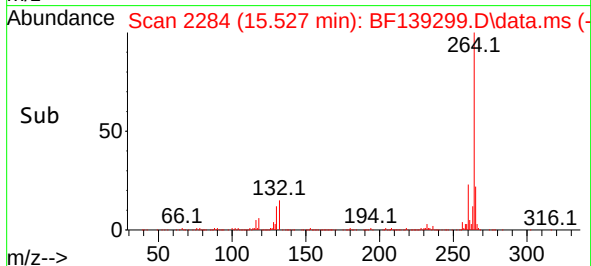
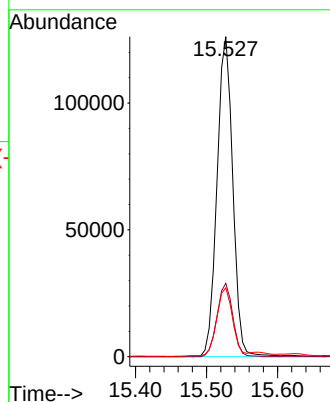
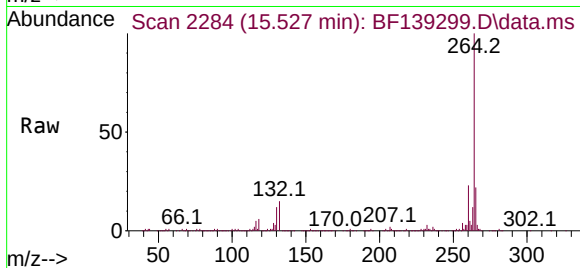
TP-3A

Tgt Ion:	264	Resp:	193830
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.8	28.2
265	21.5	17.3	25.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.906 ng

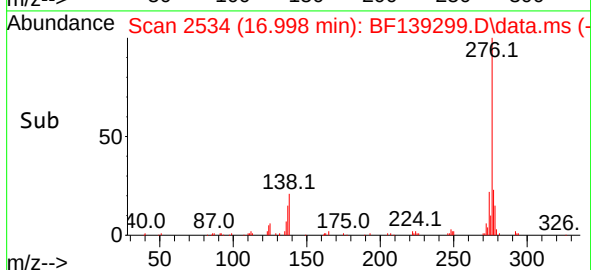
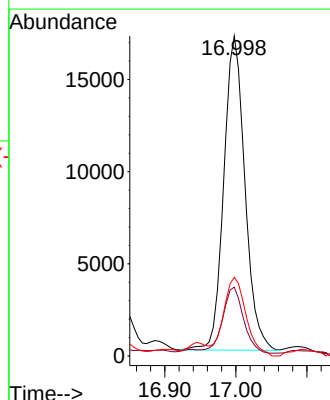
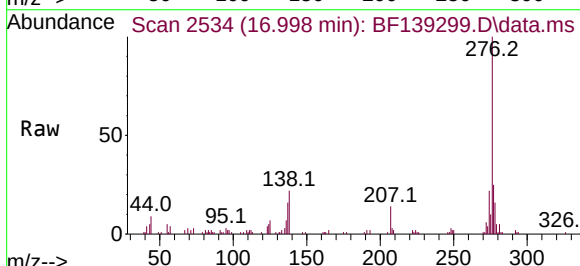
RT: 16.998 min Scan# 2534

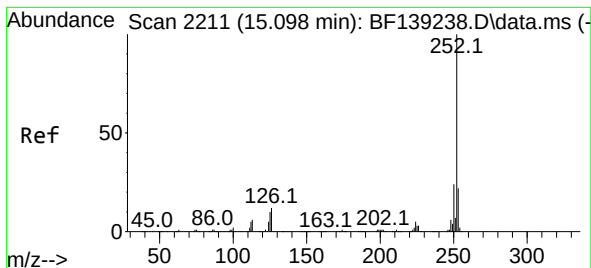
Delta R.T. -0.012 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

Tgt Ion:	276	Resp:	35190
Ion Ratio	Lower	Upper	
276	100		
138	20.8	20.4	30.6
277	26.6	20.3	30.5





#88

Benzo(b)fluoranthene

Concen: 10.249 ng m

RT: 15.092 min Scan# 211

Delta R.T. -0.006 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

Instrument :

BNA_F

ClientSampleId :

TP-3A

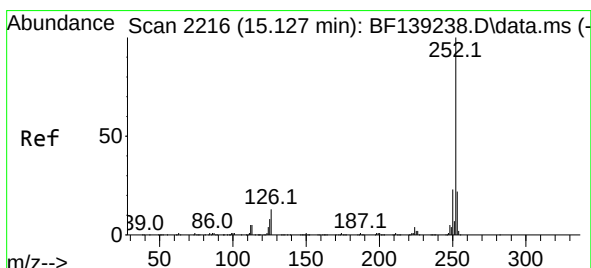
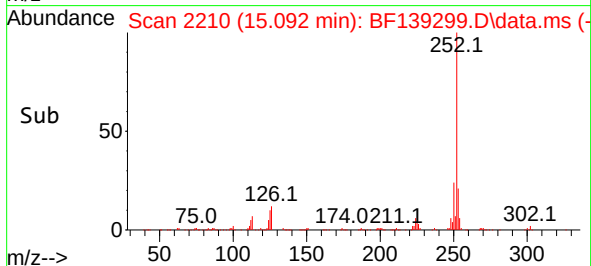
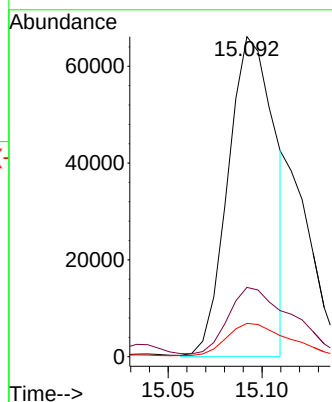
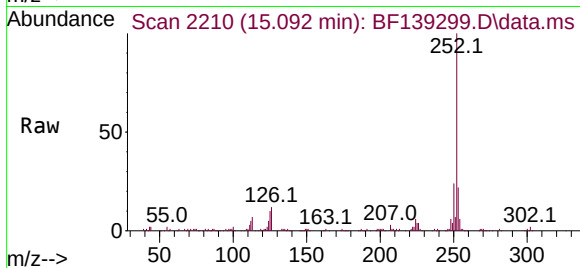
Tgt Ion:252 Resp: 114400

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.4	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#89

Benzo(k)fluoranthene

Concen: 3.895 ng m

RT: 15.110 min Scan# 2213

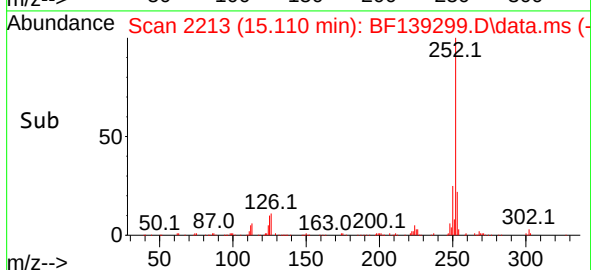
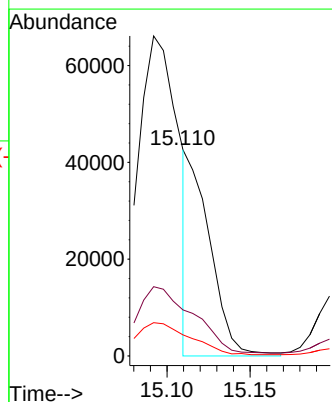
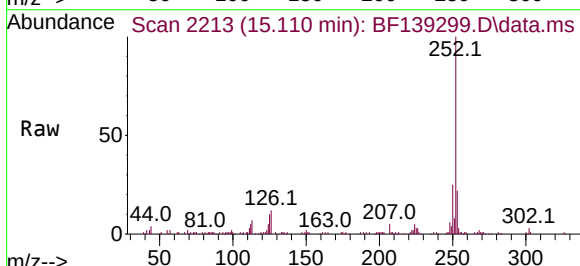
Delta R.T. -0.018 min

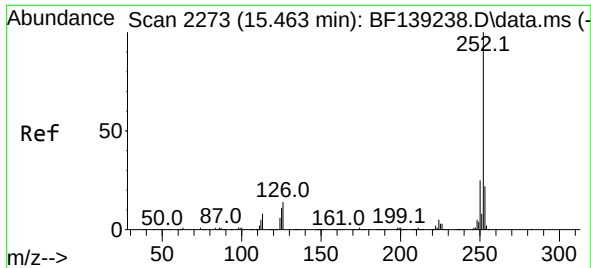
Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

Tgt Ion:252 Resp: 38986

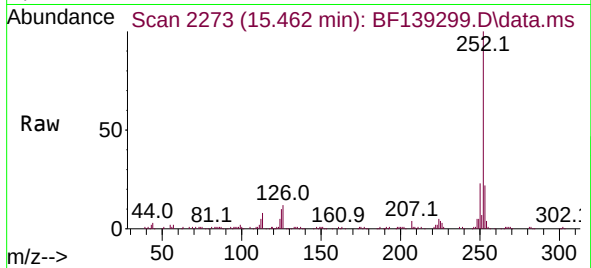
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.2	7.2	10.8





#90
Benzo(a)pyrene
Concen: 8.098 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

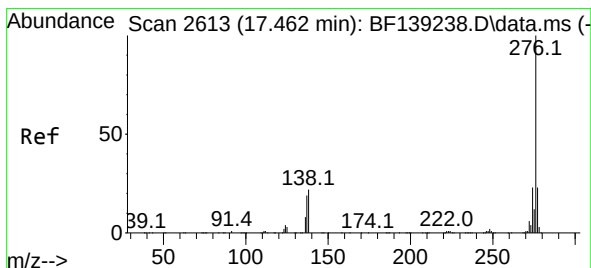
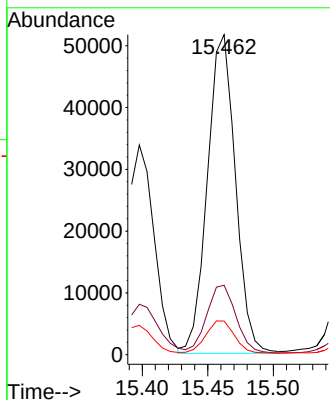
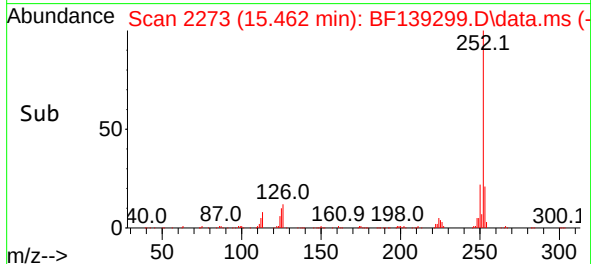
Instrument :
BNA_F
ClientSampleId :
TP-3A



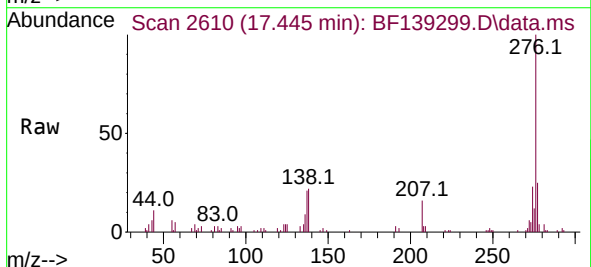
Tgt Ion:252 Resp: 7675
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#92
Benzo(g,h,i)perylene
Concen: 3.185 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.018 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58



Tgt Ion:276 Resp: 32803
Ion Ratio Lower Upper
276 100
277 24.5 18.6 27.8
138 22.3 17.4 26.0

