

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139301.D
 Acq On : 10 Sep 2024 15:58
 Operator : RC/JU
 Sample : P3917-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-35

Manual Integrations
 APPROVED

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

Quant Time: Sep 10 16:20:07 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	114080	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	420794	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	214377	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	313894	20.000	ng	0.00
76) Chrysene-d12	14.051	240	188423	20.000	ng	0.00
86) Perylene-d12	15.527	264	159327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	479049	70.248	ng	0.00
7) Phenol-d6	6.510	99	641657	70.482	ng	0.00
23) Nitrobenzene-d5	7.445	82	425688	52.628	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	127765	69.018	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	785440	56.556	ng	0.00
79) Terphenyl-d14	12.998	244	552004	47.301	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	82203	5.606	ng	99
75) Fluoranthene	12.621	202	128592	8.747	ng	99
78) Pyrene	12.851	202	106152	5.832	ng	99
81) Benzo(a)anthracene	14.039	228	72525	6.028	ng	94
83) Chrysene	14.074	228	61770	5.501	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	24607	4.893	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	26024m	2.615	ng	
88) Benzo(b)fluoranthene	15.098	252	74031m	8.068	ng	
89) Benzo(k)fluoranthene	15.110	252	28236m	3.432	ng	
90) Benzo(a)pyrene	15.462	252	46195	5.929	ng	98
92) Benzo(g,h,i)perylene	17.451	276	27101	3.201	ng	99

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

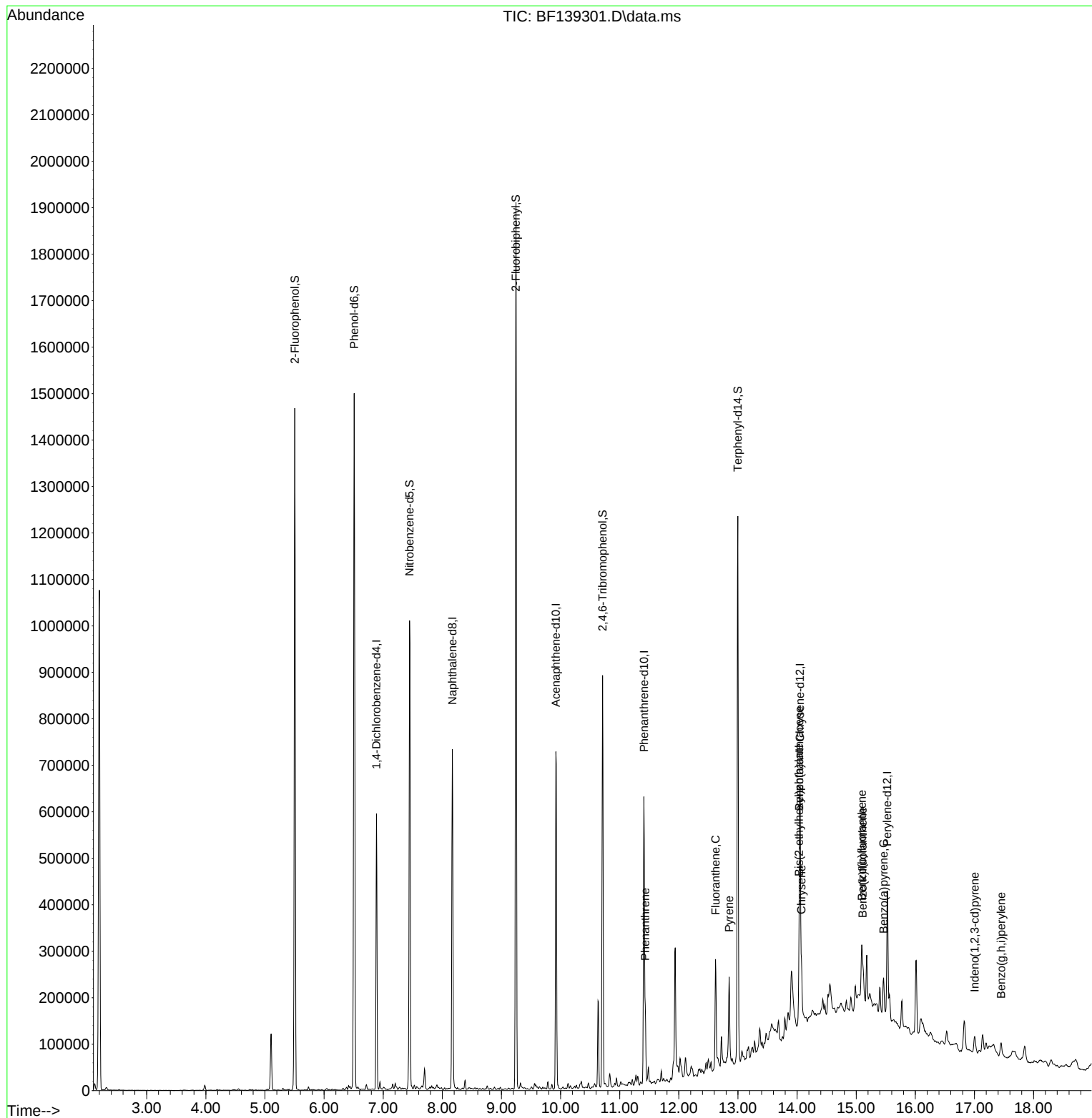
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139301.D
Acq On : 10 Sep 2024 15:58
Operator : RC/JU
Sample : P3917-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

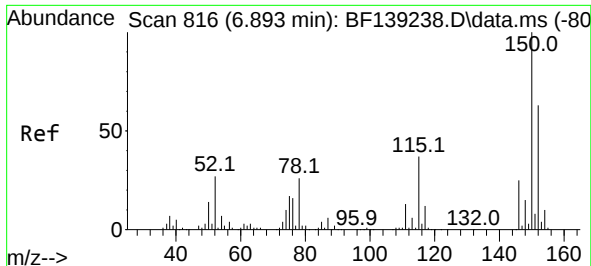
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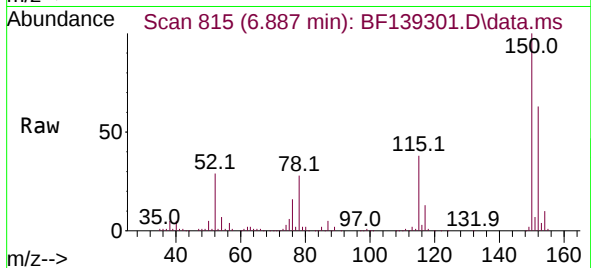
Quant Time: Sep 10 16:20:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

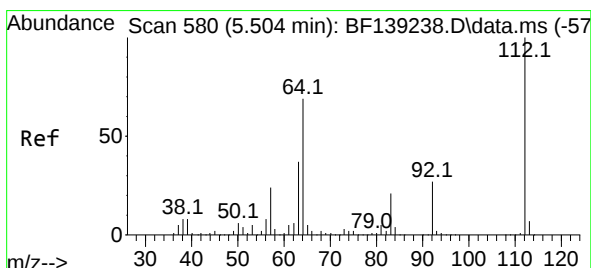
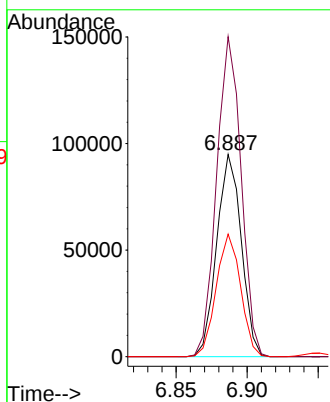
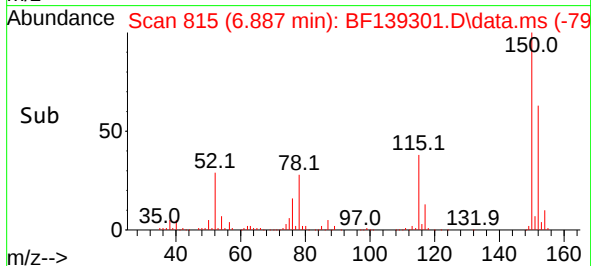
Instrument :
BNA_F
Client SampleId :
DN-B-35



Tgt Ion:152 Resp: 114080
Ion Ratio Lower Upper
152 100
150 158.3 127.0 190.4
115 60.6 46.9 70.3

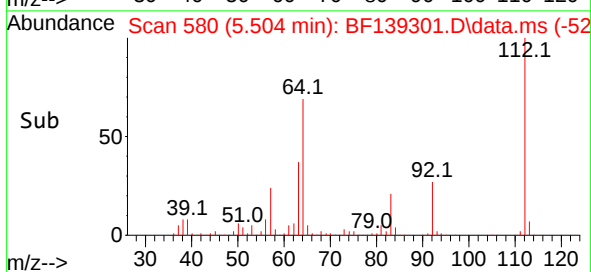
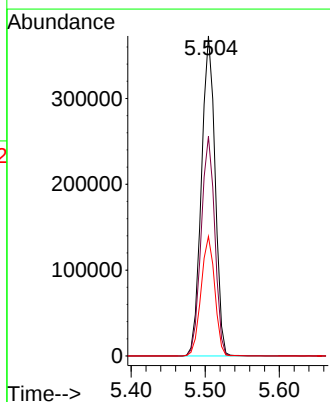
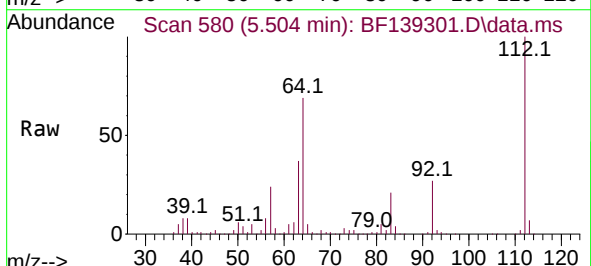
Manual Integrations
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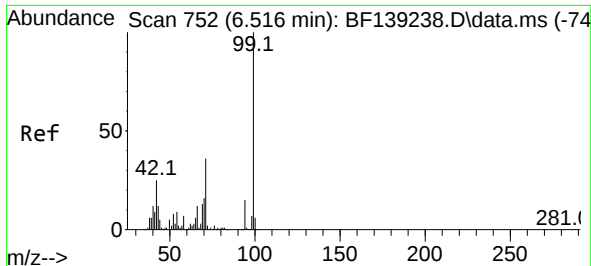
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#5
2-Fluorophenol
Concen: 70.248 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

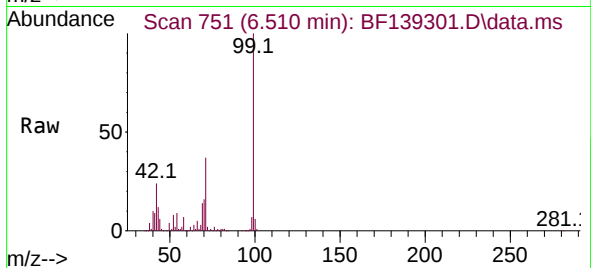
Tgt Ion:112 Resp: 479049
Ion Ratio Lower Upper
112 100
64 68.6 55.0 82.4
63 37.3 29.9 44.9





#7
Phenol-d6
Concen: 70.482 ng
RT: 6.510 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

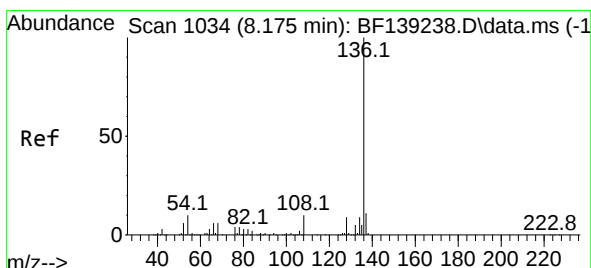
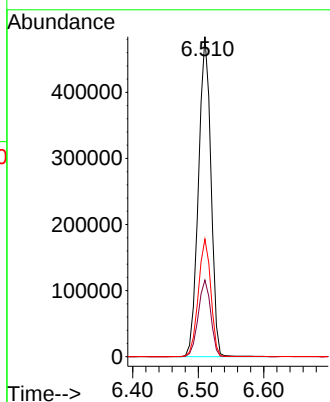
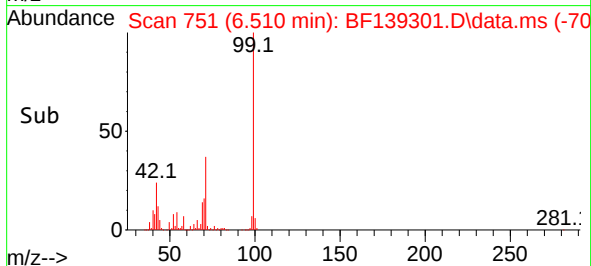
Instrument :
BNA_F
ClientSampleId :
DN-B-35



Tgt Ion: 99 Resp: 64165
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 36.8 28.8 43.2

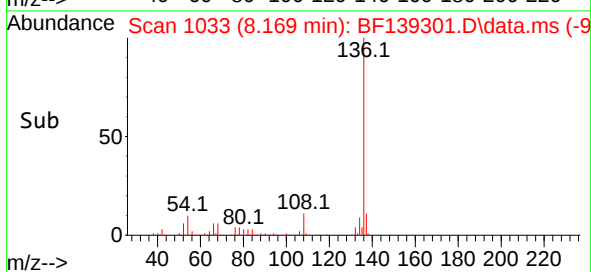
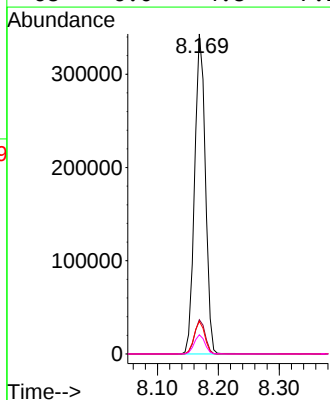
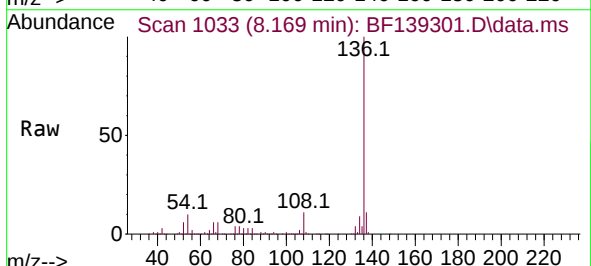
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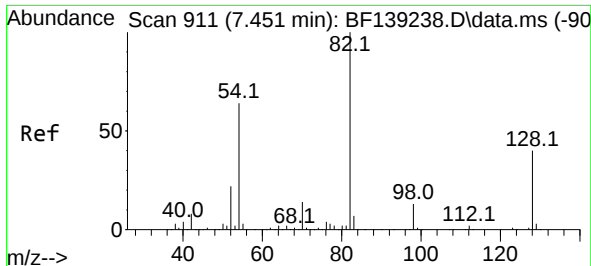
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

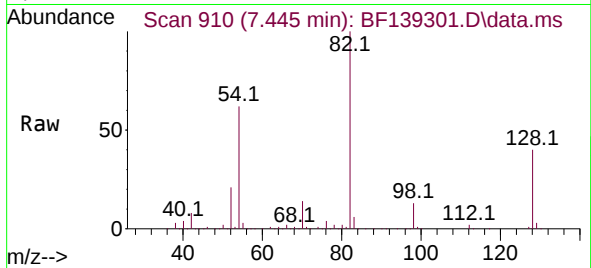
Tgt Ion:136 Resp: 420794
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.2 8.4 12.6
68 6.0 4.8 7.2





#23
Nitrobenzene-d5
Concen: 52.628 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

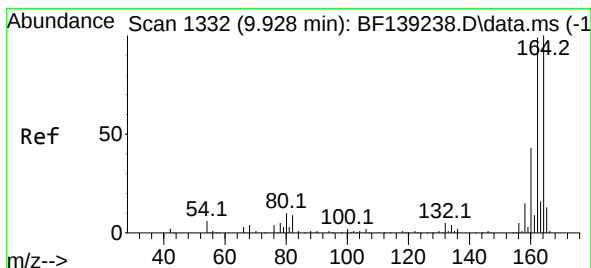
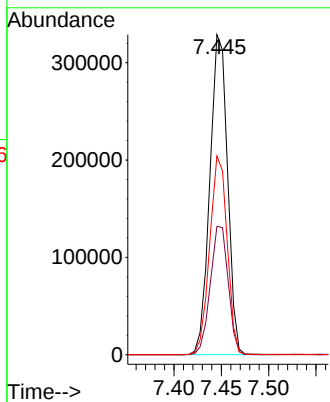
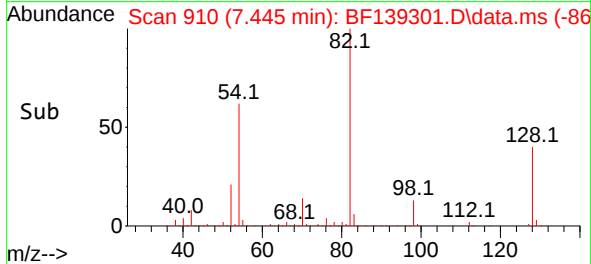
Instrument :
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ClientSampleId :
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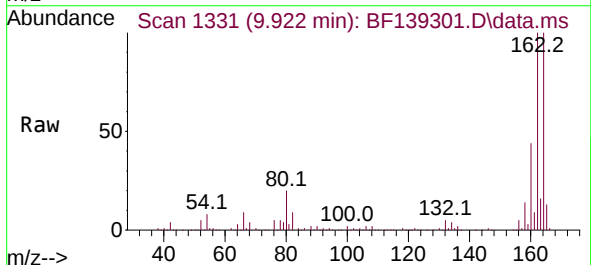
Tgt Ion: 82 Resp: 425688
Ion Ratio Lower Upper
82 100
128 40.1 32.3 48.5
54 62.0 51.2 76.8

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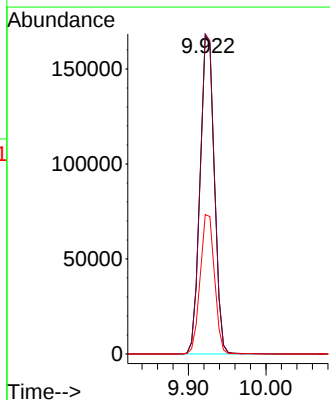
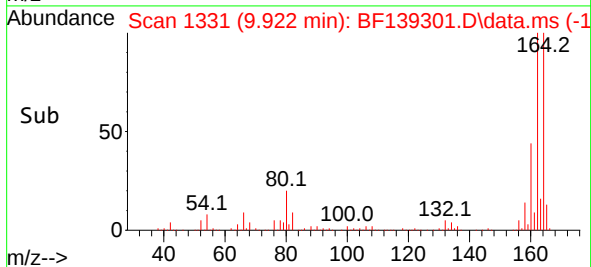
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

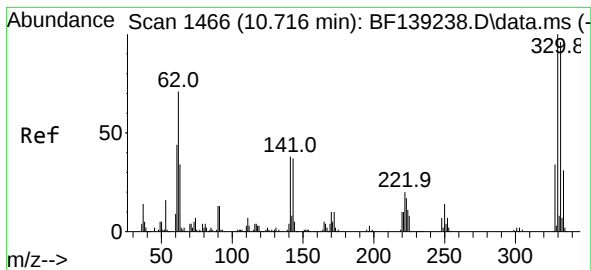


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58



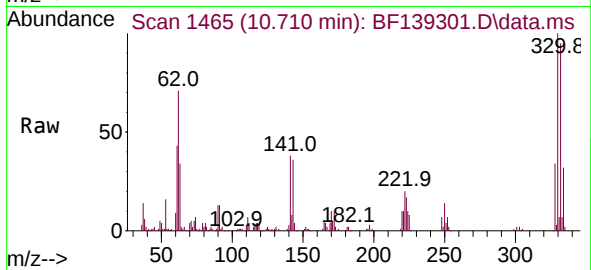
Tgt Ion:164 Resp: 214377
Ion Ratio Lower Upper
164 100
162 100.3 79.2 118.8
160 43.7 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 69.018 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

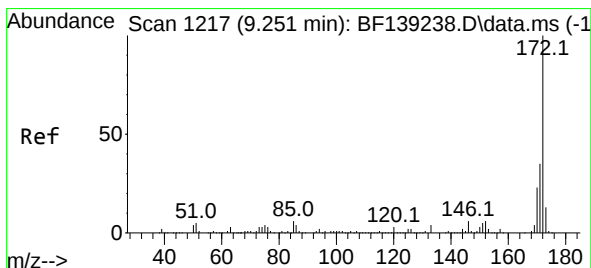
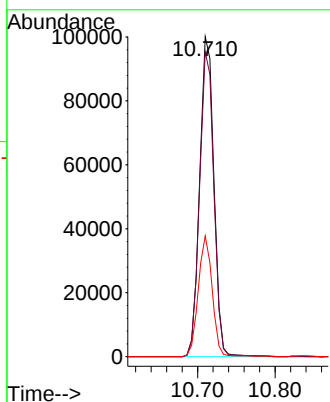
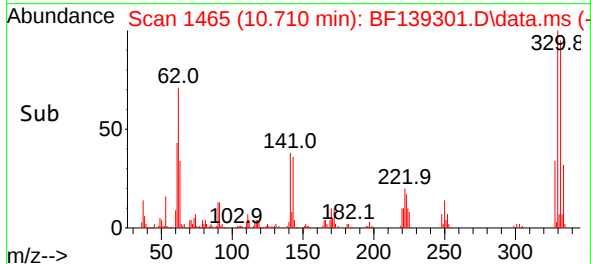
Instrument :
BNA_F
ClientSampleId :
DN-B-35



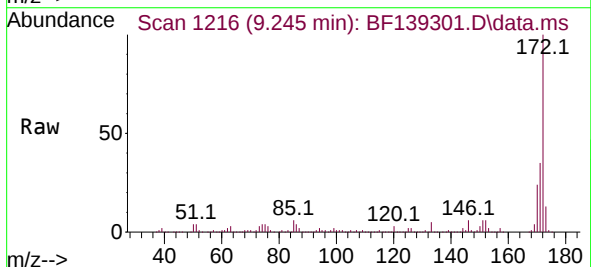
Tgt Ion: 330 Resp: 12776
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 37.2 30.1 45.1

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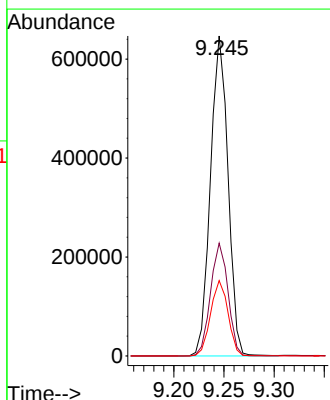
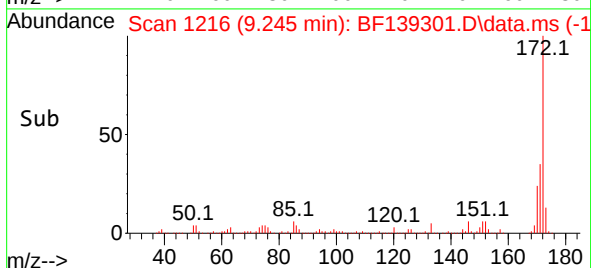
Reviewed By : Jagrut Upadhyay 09/11/2024
Supervised By : mohammad ahmed 09/12/2024

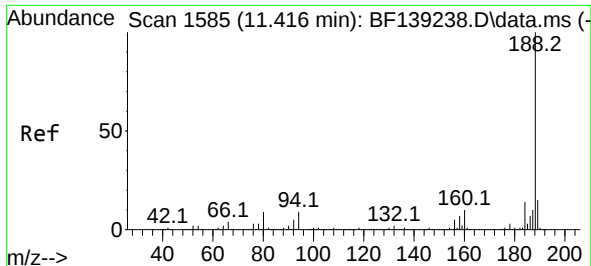


#45
2-Fluorobiphenyl
Concen: 56.556 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58



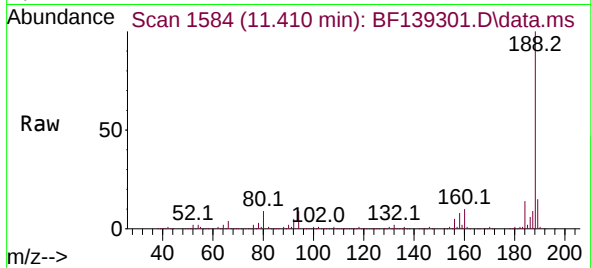
Tgt Ion: 172 Resp: 785440
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

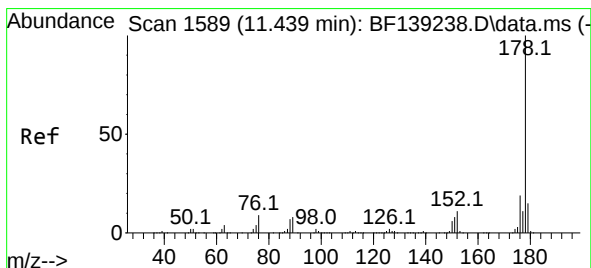
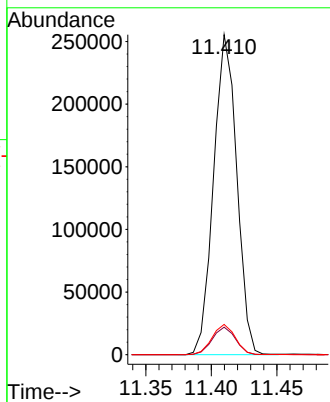
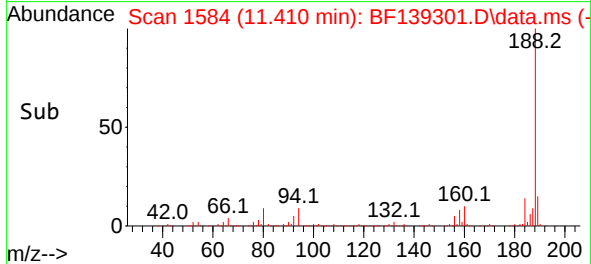
Instrument :
BNA_F
ClientSampleId :
DN-B-35



Tgt Ion:188 Resp: 313894
Ion Ratio Lower Upper
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94 8.6 7.0 10.4
80 9.5 7.3 10.9

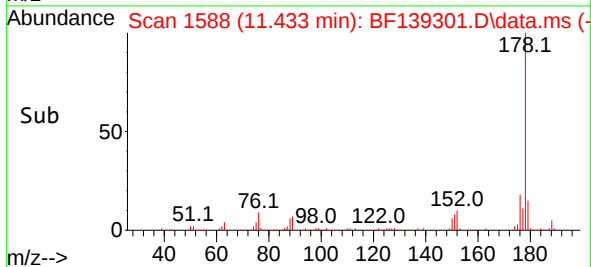
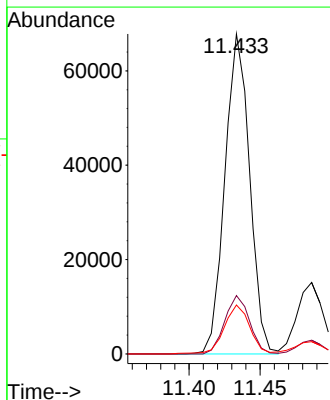
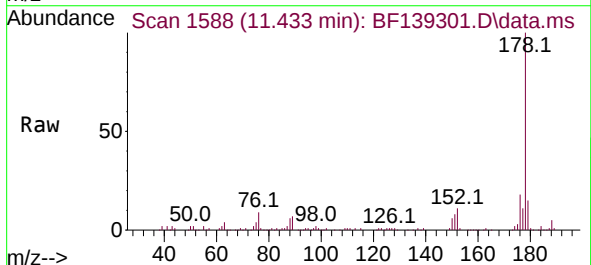
Manual Integrations
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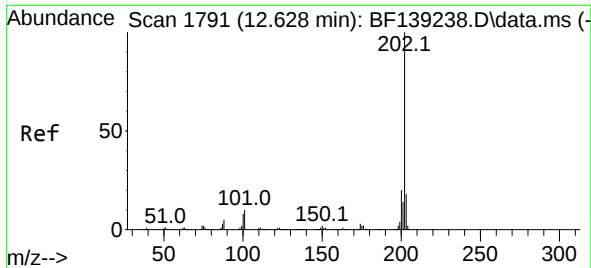
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#71
Phenanthrene
Concen: 5.606 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

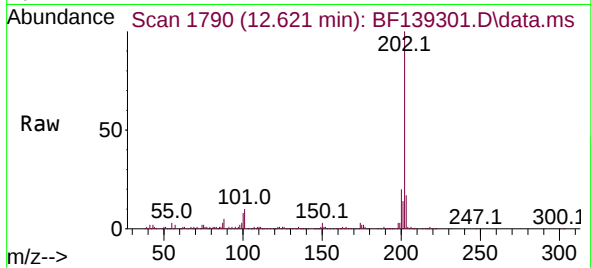
Tgt Ion:178 Resp: 82203
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 15.3 12.3 18.5





#75
Fluoranthene
Concen: 8.747 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

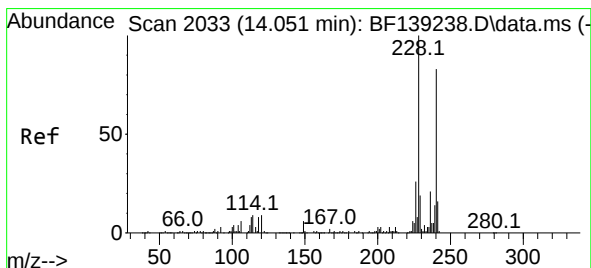
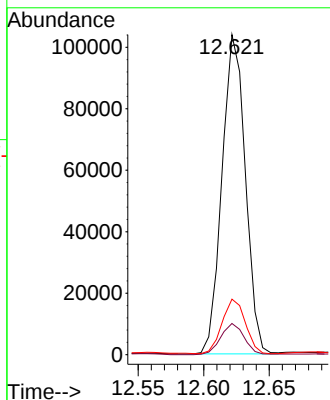
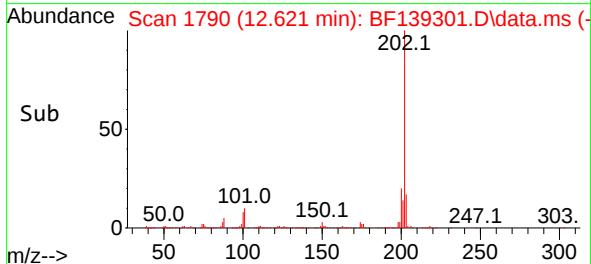
Instrument :
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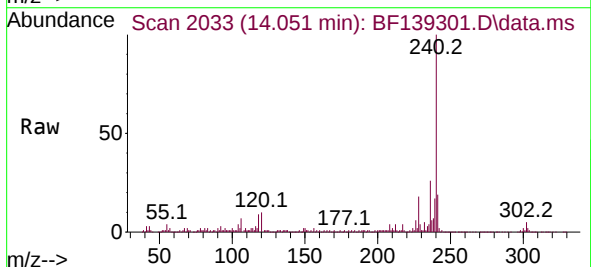
Tgt Ion:202 Resp: 128592
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.9
203 17.4 0.0 37.7

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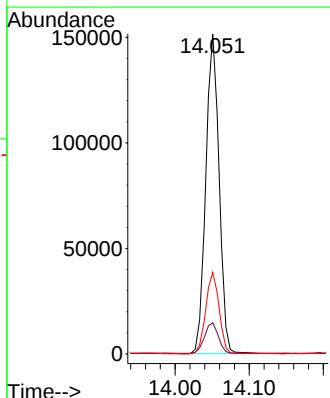
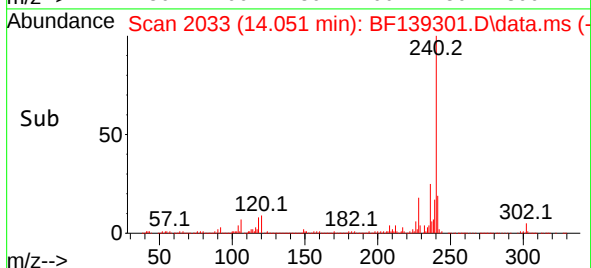
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

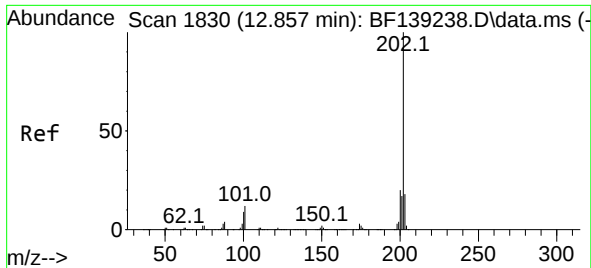


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58



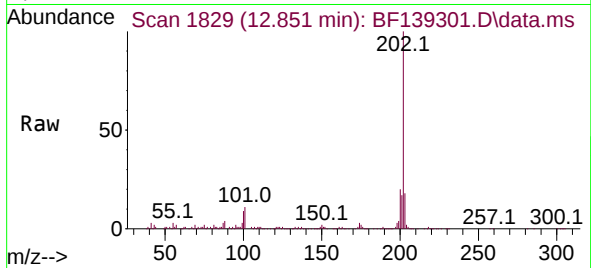
Tgt Ion:240 Resp: 188423
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 25.5 20.7 31.1





#78
Pyrene
Concen: 5.832 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

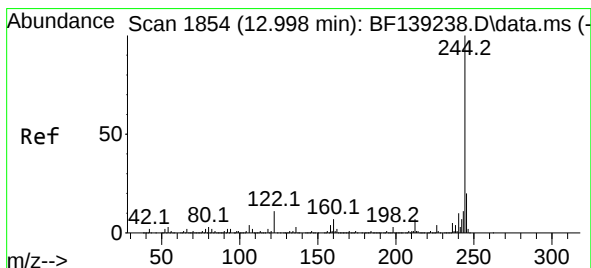
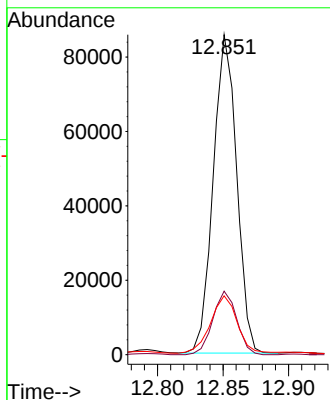
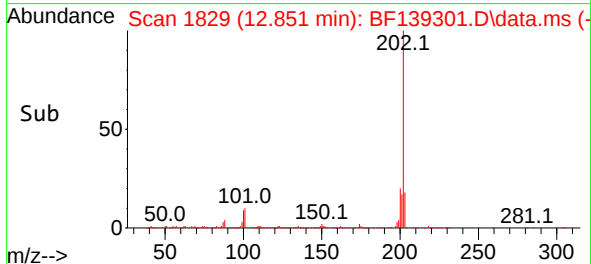
Instrument :
BNA_F
ClientSampleId :
DN-B-35



Tgt Ion:202 Resp: 106152
Ion Ratio Lower Upper
202 100
200 19.9 15.8 23.8
203 18.4 14.1 21.1

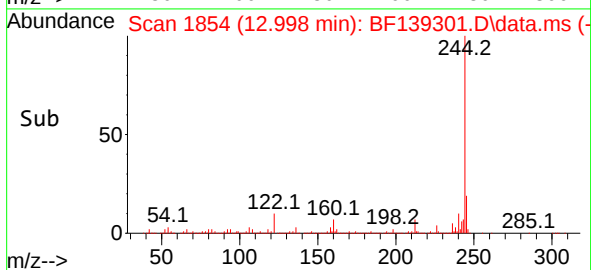
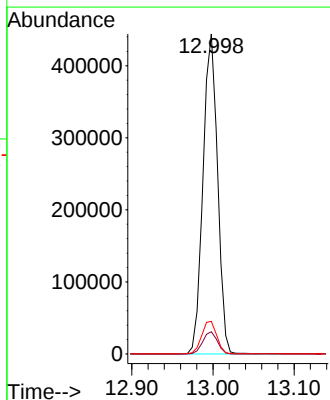
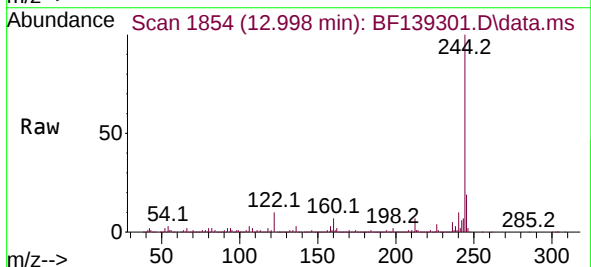
Manual Integrations
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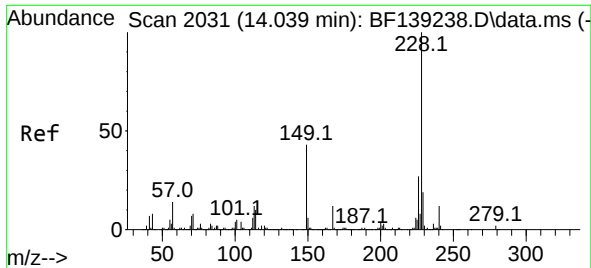
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#79
Terphenyl-d14
Concen: 47.301 ng
RT: 12.998 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

Tgt Ion:244 Resp: 552004
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.2 8.7 13.1





#81
Benzo(a)anthracene
Concen: 6.028 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

Instrument :

BNA_F

ClientSampleId :

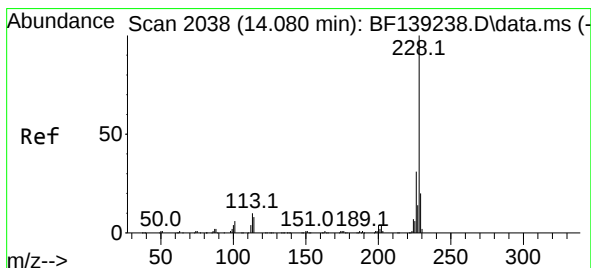
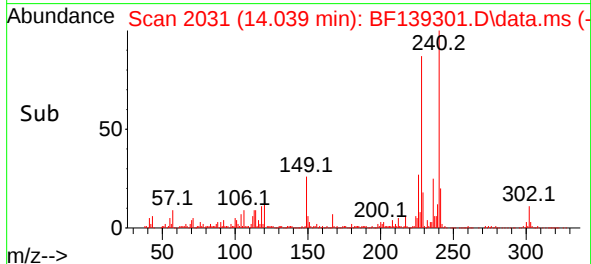
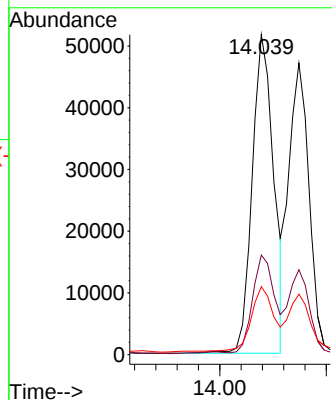
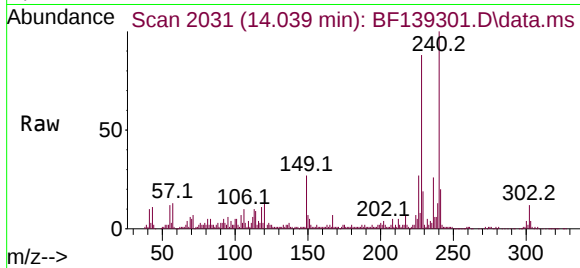
DN-B-35

Tgt Ion:228 Resp: 7252
Ion Ratio Lower Upper
228 100
226 31.2 21.5 32.3
229 21.3 15.6 23.4

Manual Integrations

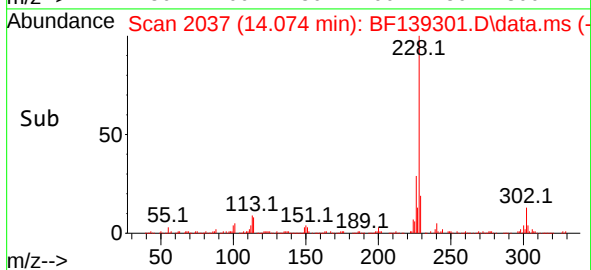
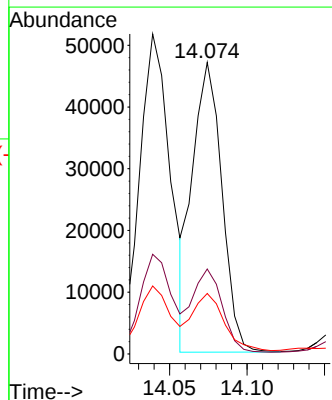
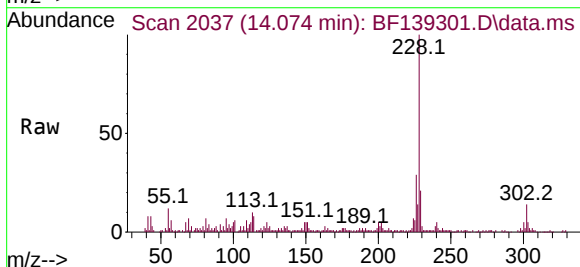
APPROVED

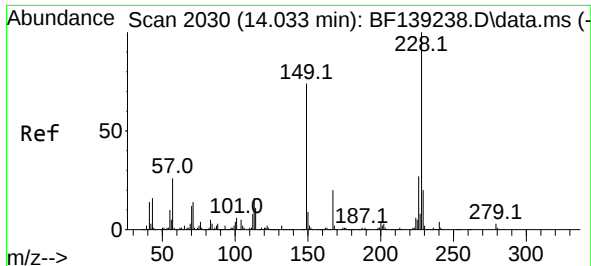
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#83
Chrysene
Concen: 5.501 ng
RT: 14.074 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

Tgt Ion:228 Resp: 61770
Ion Ratio Lower Upper
228 100
226 29.2 23.8 35.8
229 20.8 15.8 23.6





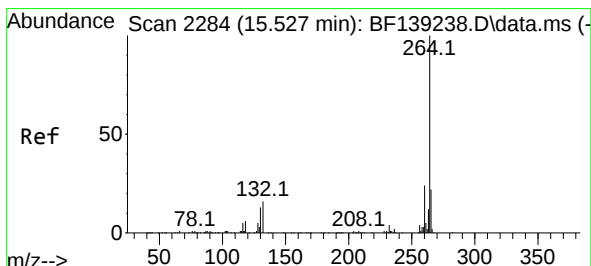
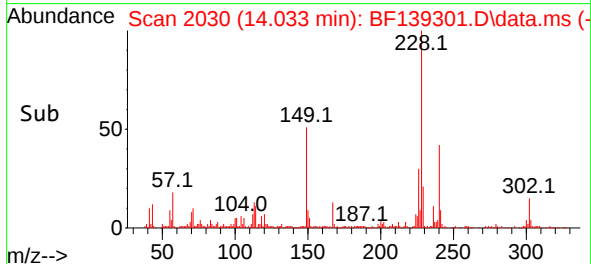
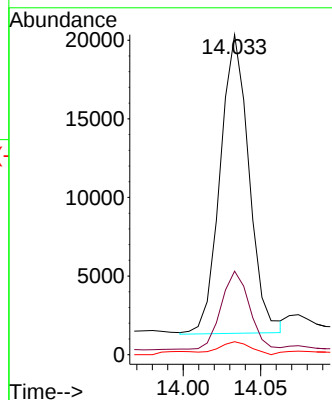
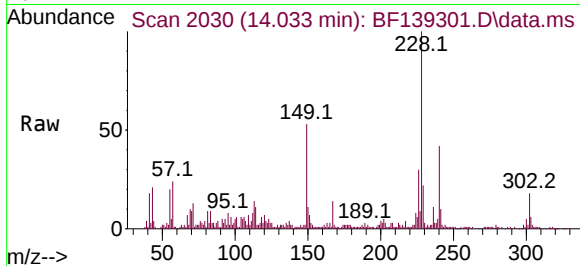
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.893 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

Instrument :
BNA_F
ClientSampleId :
DN-B-35

Tgt Ion:149 Resp: 2460
Ion Ratio Lower Upper
149 100
167 26.1 21.8 32.6
279 4.1 3.0 4.6

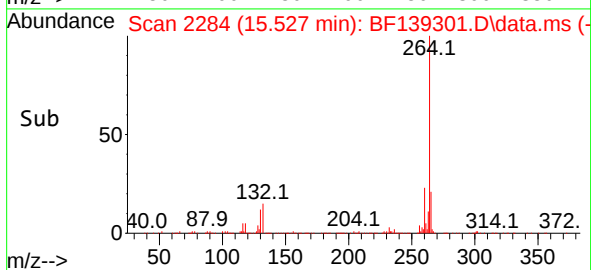
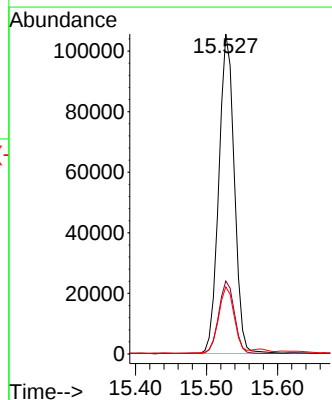
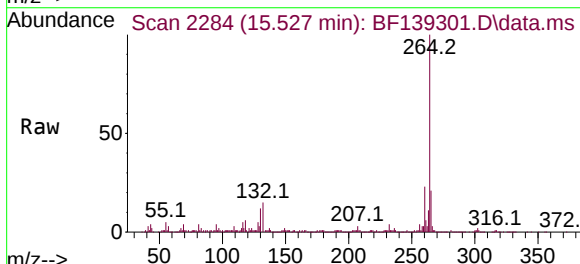
Manual Integrations
APPROVED

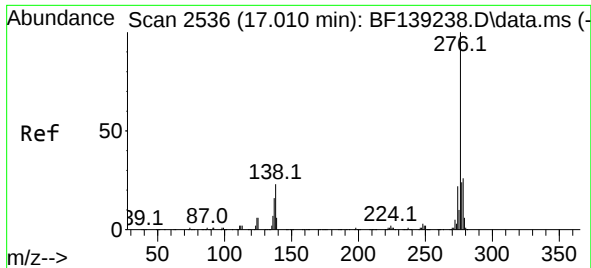
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

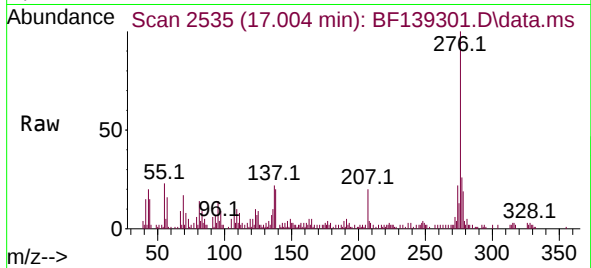
Tgt Ion:264 Resp: 159327
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 21.0 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.615 ng m
RT: 17.004 min Scan# 2536
Delta R.T. -0.006 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

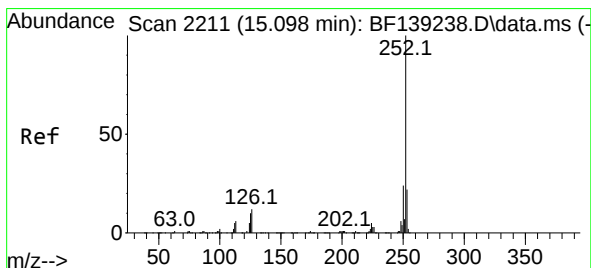
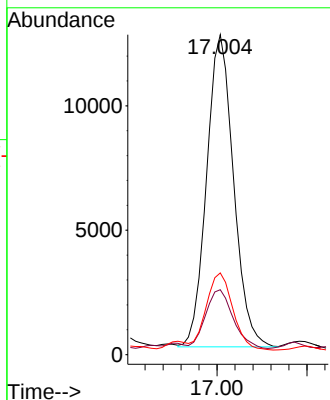
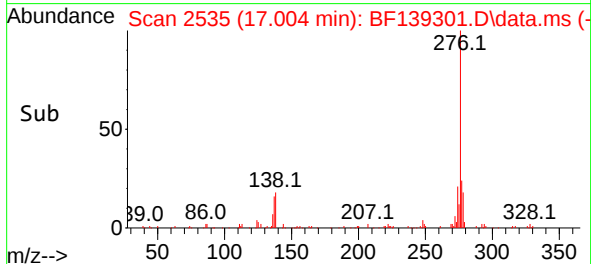
Instrument :
BNA_F
ClientSampleId :
DN-B-35



Tgt Ion:276 Resp: 26024
Ion Ratio Lower Upper
276 100
138 5.8 20.4 30.6
277 5.0 20.3 30.5

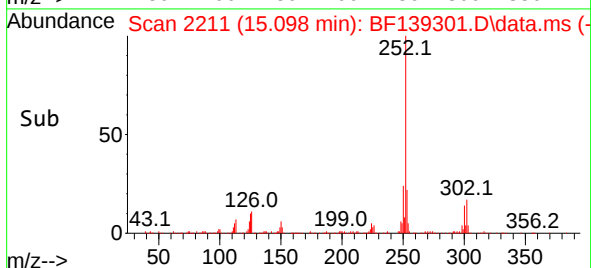
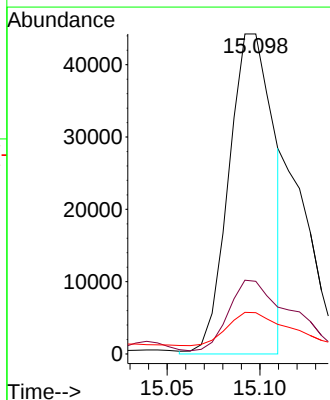
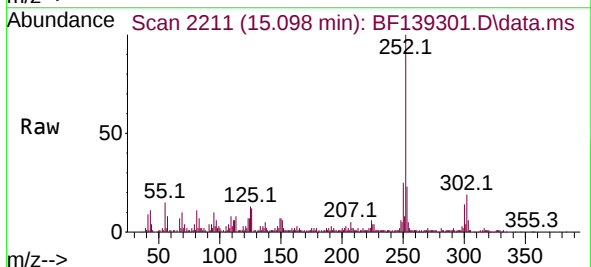
Manual Integrations
APPROVED

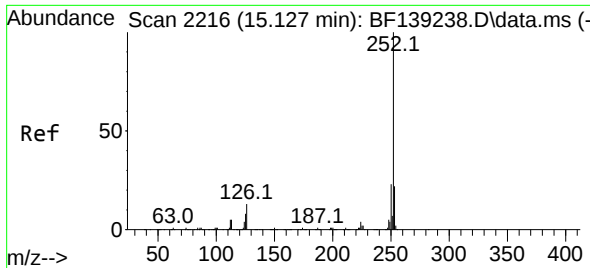
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#88
Benzo(b)fluoranthene
Concen: 8.068 ng m
RT: 15.098 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF139301.D
Acq: 10 Sep 2024 15:58

Tgt Ion:252 Resp: 74031
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 12.9 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 3.432 ng m

RT: 15.110 min Scan# 2216

Delta R.T. -0.018 min

Lab File: BF139301.D

Acq: 10 Sep 2024 15:58

Instrument :

BNA_F

ClientSampleId :

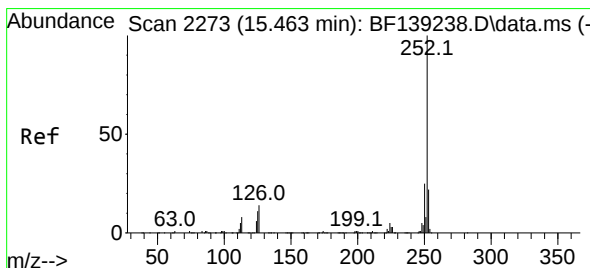
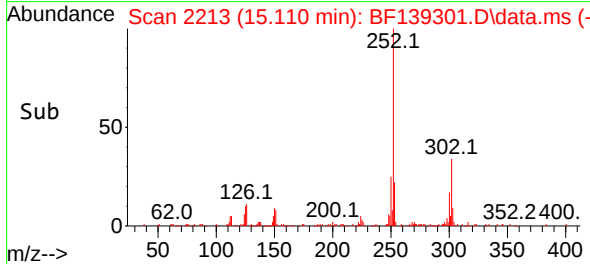
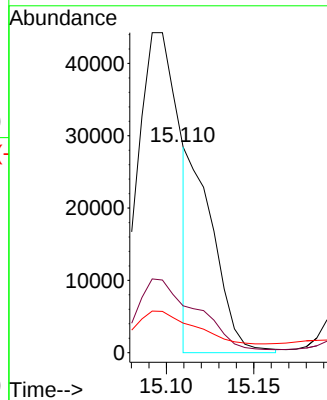
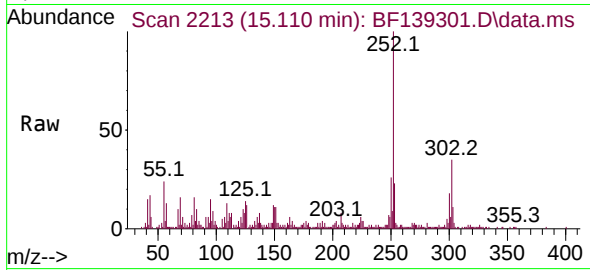
DN-B-35

Tgt Ion:	252	Resp:	28230
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	14.4	7.2	10.8

Manual Integrations

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



#90

Benzo(a)pyrene

Concen: 5.929 ng

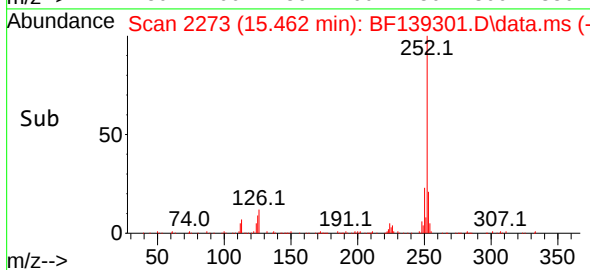
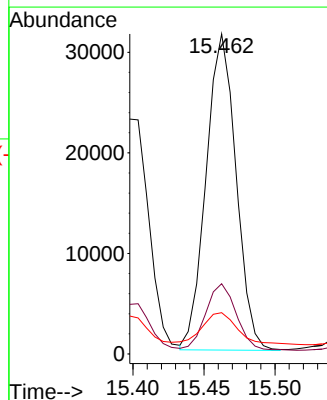
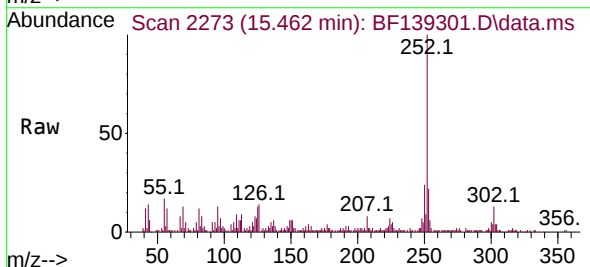
RT: 15.462 min Scan# 2273

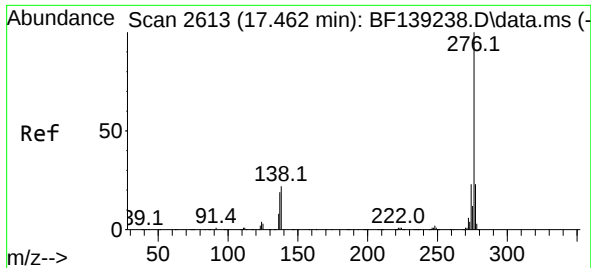
Delta R.T. -0.000 min

Lab File: BF139301.D

Acq: 10 Sep 2024 15:58

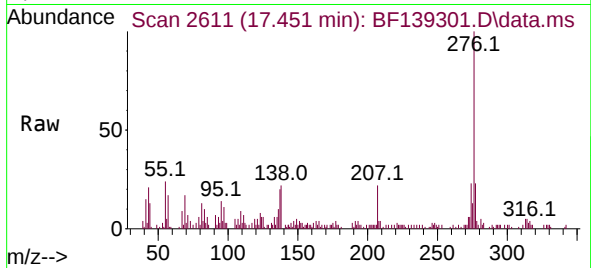
Tgt Ion:	252	Resp:	46195
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	12.9	8.6	13.0





#92
 Benzo(g,h,i)perylene
 Concen: 3.201 ng
 RT: 17.451 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF139301.D
 Acq: 10 Sep 2024 15:58

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-35



Tgt Ion: 276 Resp: 2710
 Ion Ratio Lower Upper
 276 100
 277 22.5 18.6 27.8
 138 21.9 17.4 26.0

Manual Integrations
 APPROVED

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

