

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
 Data File : BF139291.D
 Acq On : 09 Sep 2024 19:19
 Operator : RC/JU
 Sample : P3888-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-36

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
 Supervised By :mohammad ahmed 09/12/2024

Quant Time: Sep 10 00:39:54 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	117227	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	407198	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	189032	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	261832	20.000	ng	0.00
76) Chrysene-d12	14.051	240	199808	20.000	ng	0.00
86) Perylene-d12	15.527	264	140960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	607776	86.732	ng	0.00
7) Phenol-d6	6.510	99	797362	85.234	ng	0.00
23) Nitrobenzene-d5	7.445	82	518147	66.197	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	132142	80.953	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	909184	74.244	ng	0.00
79) Terphenyl-d14	12.998	244	683223	55.209	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	214566	17.542	ng	100
72) Anthracene	11.486	178	59417	4.973	ng	99
75) Fluoranthene	12.621	202	432000	35.229	ng	99
78) Pyrene	12.851	202	376854	19.524	ng	98
80) Butylbenzylphthalate	13.474	149	12894	2.838	ng	93
81) Benzo(a)anthracene	14.039	228	226538	17.756	ng	95
83) Chrysene	14.074	228	191423	16.075	ng	96
84) Bis(2-ethylhexyl)phtha...	14.033	149	69473	13.027	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	65104	7.393	ng	95
88) Benzo(b)fluoranthene	15.098	252	205659m	25.334	ng	
89) Benzo(k)fluoranthene	15.115	252	57972m	7.965	ng	
90) Benzo(a)pyrene	15.462	252	115375	16.738	ng	# 94
91) Dibenzo(a,h)anthracene	17.021	278	17837	2.458	ng	# 78
92) Benzo(g,h,i)perylene	17.456	276	63658	8.498	ng	97

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

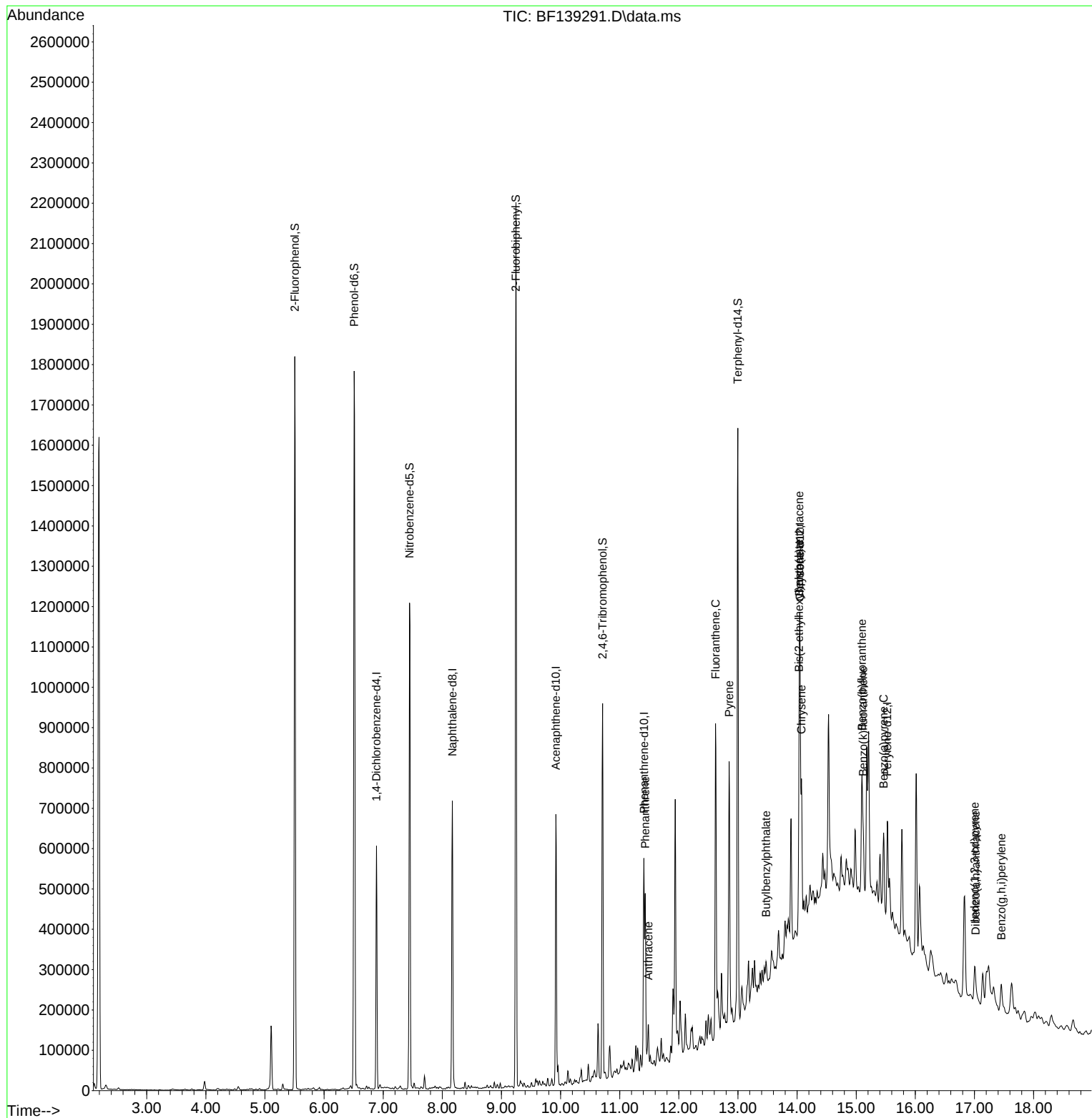
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
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ALS Vial : 13 Sample Multiplier: 1

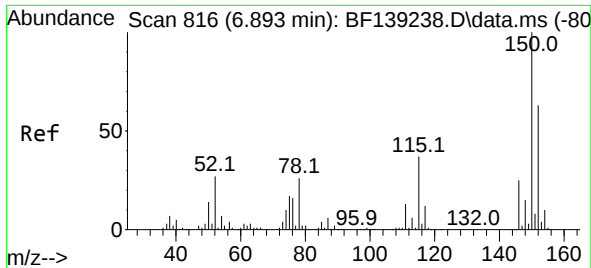
Instrument :
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Quant Time: Sep 10 00:39:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
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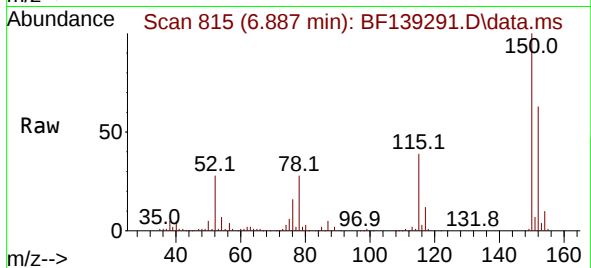
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139291.D
Acq: 09 Sep 2024 19:19

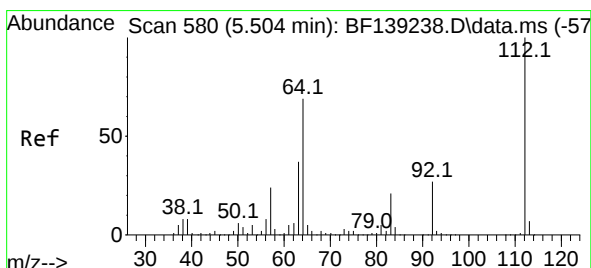
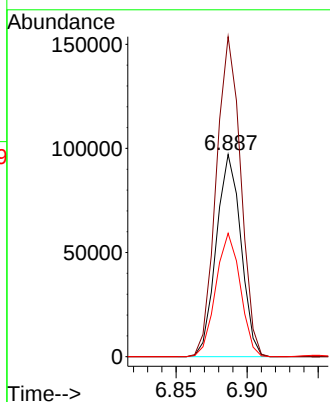
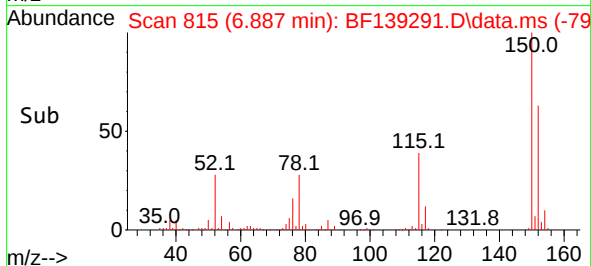
Instrument :
BNA_F
ClientSampleId :
DN-B-36



Tgt Ion:152 Resp: 11722
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.4
115 61.0 46.9 70.3

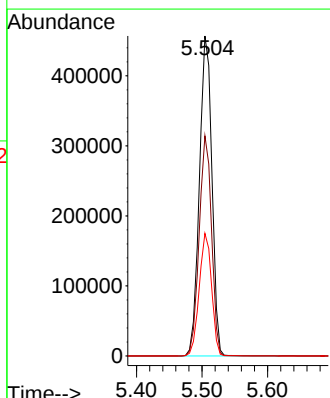
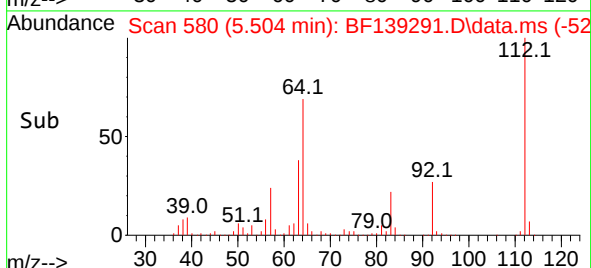
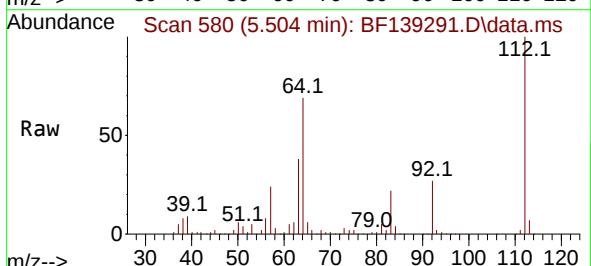
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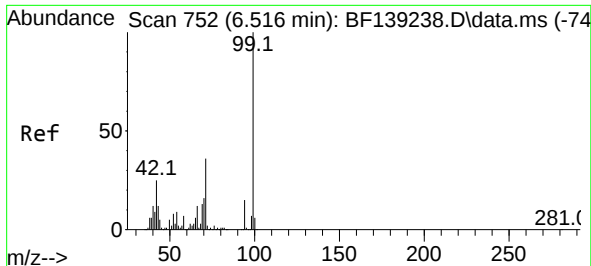
Reviewed By :Jagrut Upadhyay 09/10/2024
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#5
2-Fluorophenol
Concen: 86.732 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139291.D
Acq: 09 Sep 2024 19:19

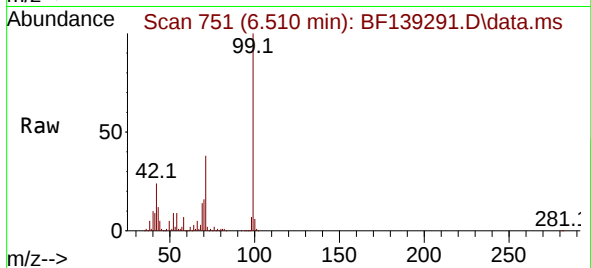
Tgt Ion:112 Resp: 607776
Ion Ratio Lower Upper
112 100
64 68.8 55.0 82.4
63 38.3 29.9 44.9





#7
Phenol-d6
Concen: 85.234 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139291.D
Acq: 09 Sep 2024 19:19

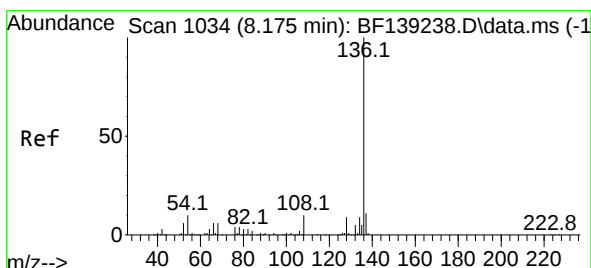
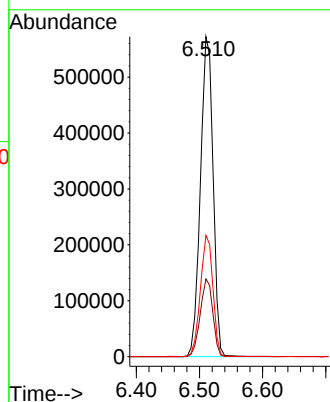
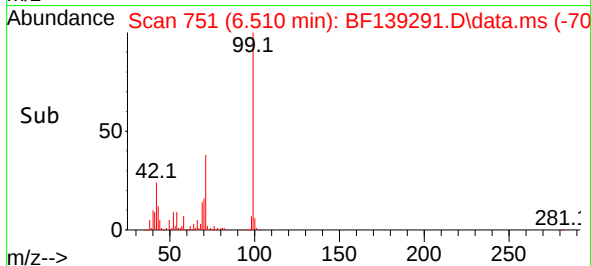
Instrument :
BNA_F
ClientSampleId :
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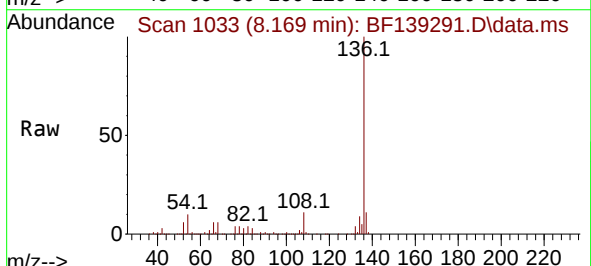
Tgt Ion: 99 Resp: 797362
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.6
71 37.9 28.8 43.2

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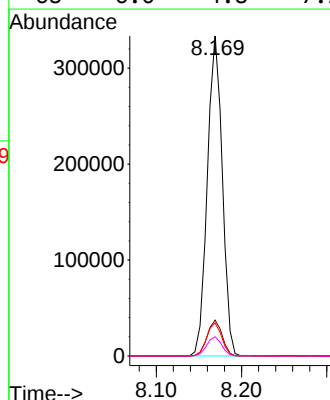
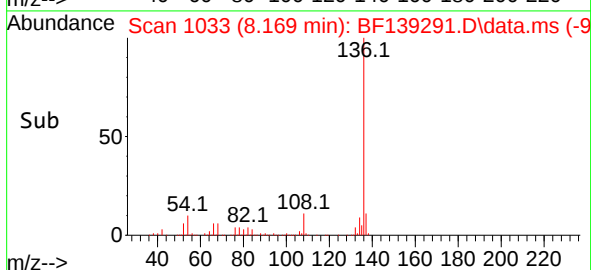
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

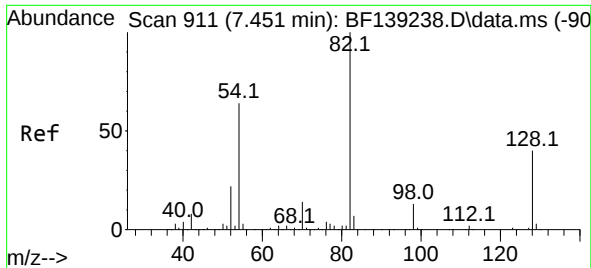


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139291.D
Acq: 09 Sep 2024 19:19



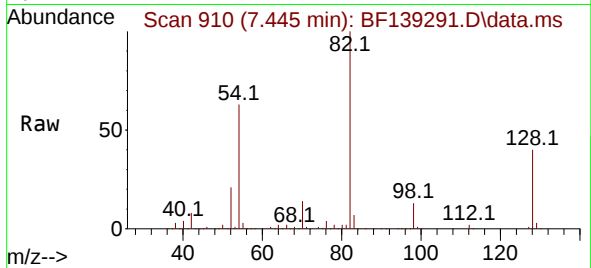
Tgt Ion:136 Resp: 407198
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.3 8.4 12.6
68 6.0 4.8 7.2





#23
Nitrobenzene-d5
Concen: 66.197 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139291.D
Acq: 09 Sep 2024 19:19

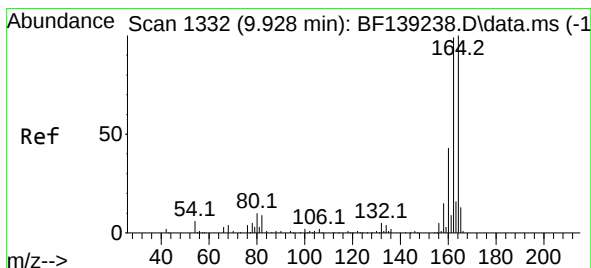
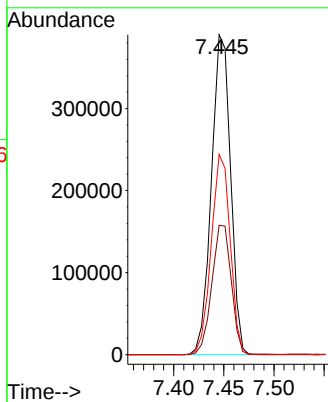
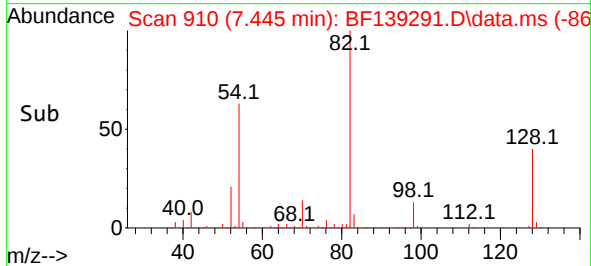
Instrument :
BNA_F
ClientSampleId :
DN-B-36



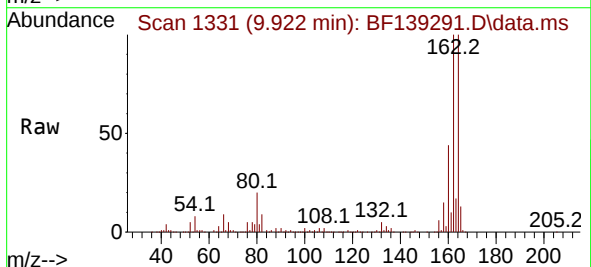
Tgt Ion: 82 Resp: 51814
Ion Ratio Lower Upper
82 100
128 40.4 32.3 48.5
54 62.6 51.2 76.8

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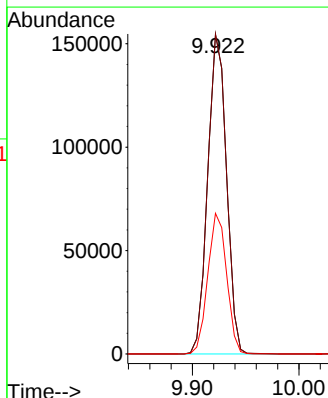
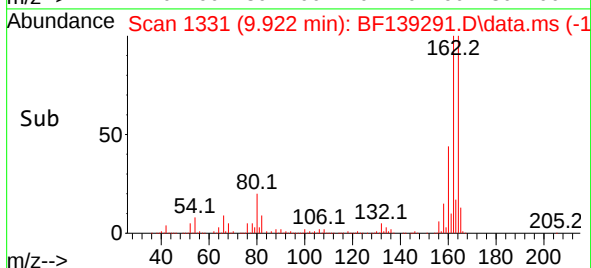
Reviewed By :Jagrut Upadhyay 09/10/2024
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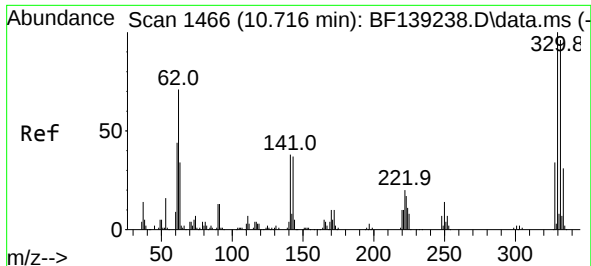


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139291.D
Acq: 09 Sep 2024 19:19



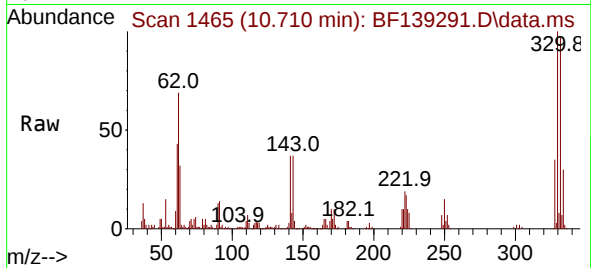
Tgt Ion:164 Resp: 189032
Ion Ratio Lower Upper
164 100
162 100.2 79.2 118.8
160 44.0 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 80.953 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139291.D
Acq: 09 Sep 2024 19:19

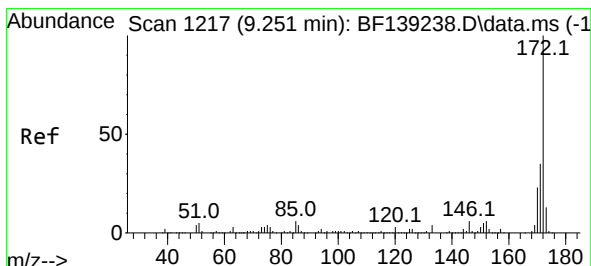
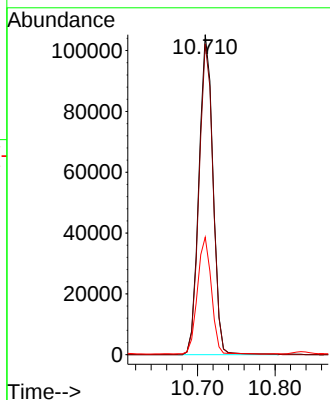
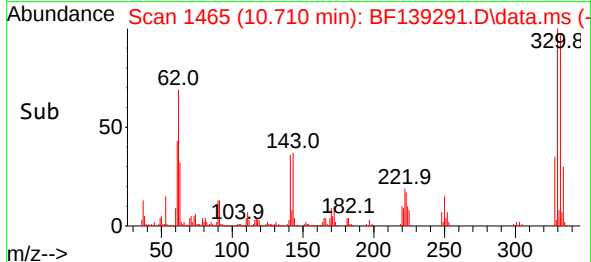
Instrument :
BNA_F
ClientSampleId :
DN-B-36



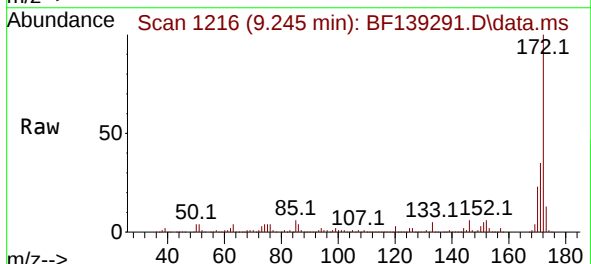
Tgt Ion: 330 Resp: 13214
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 36.3 30.1 45.1

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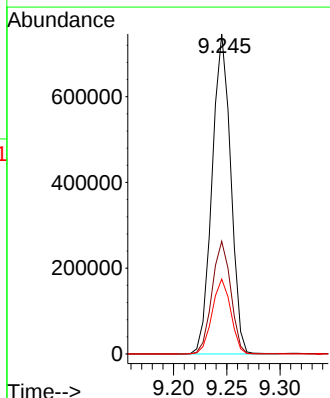
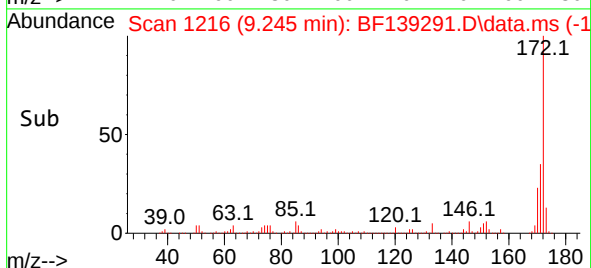
Reviewed By : Jagrut Upadhyay 09/10/2024
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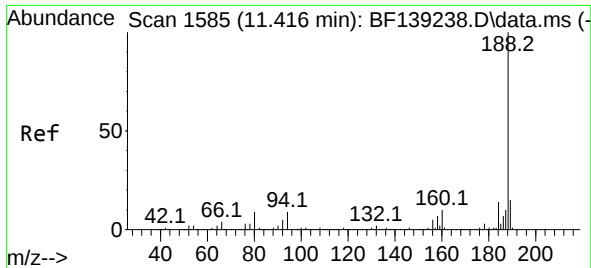


#45
2-Fluorobiphenyl
Concen: 74.244 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139291.D
Acq: 09 Sep 2024 19:19



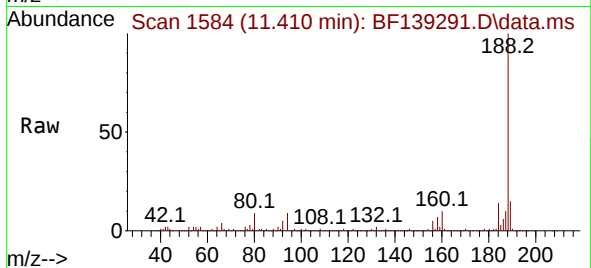
Tgt Ion: 172 Resp: 909184
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.4 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139291.D
Acq: 09 Sep 2024 19:19

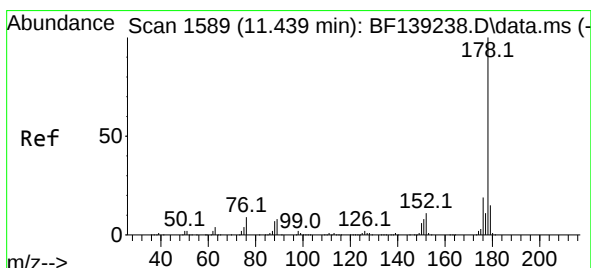
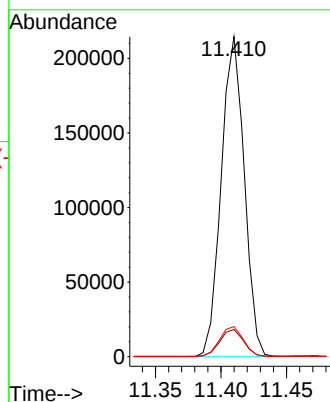
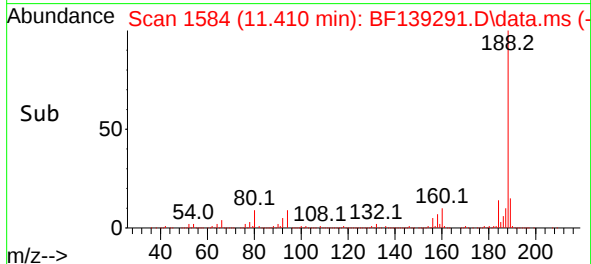
Instrument :
BNA_F
ClientSampleId :
DN-B-36



Tgt Ion:188 Resp: 26183
Ion Ratio Lower Upper
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94 8.5 7.0 10.4
80 9.4 7.3 10.9

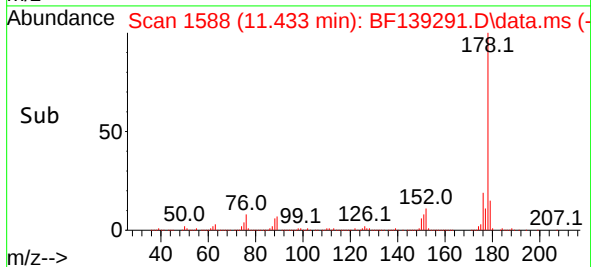
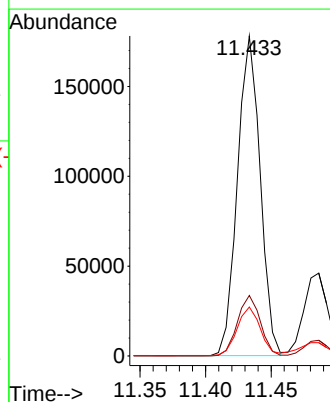
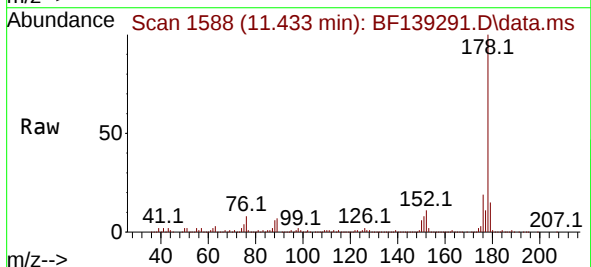
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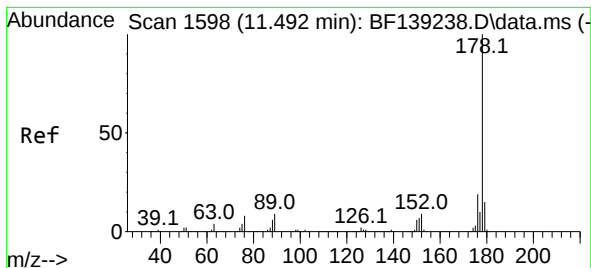
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#71
Phenanthrene
Concen: 17.542 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139291.D
Acq: 09 Sep 2024 19:19

Tgt Ion:178 Resp: 214566
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.3 12.3 18.5





#72

Anthracene

Concen: 4.973 ng

RT: 11.486 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139291.D

Acq: 09 Sep 2024 19:19

Instrument :

BNA_F

ClientSampleId :

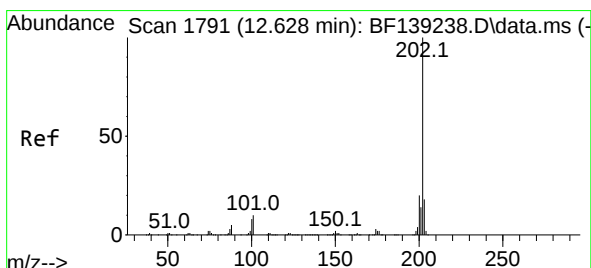
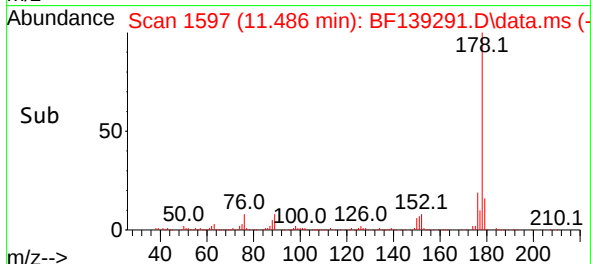
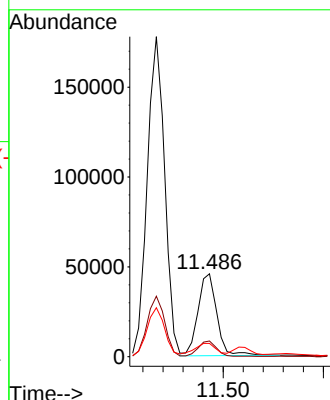
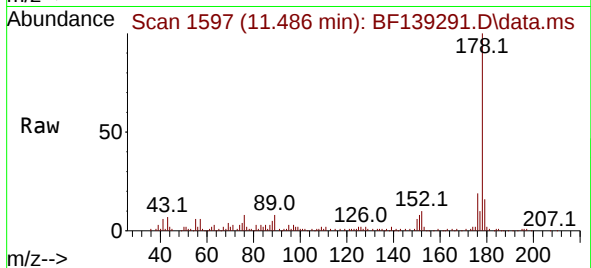
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Tgt Ion:178	Resp:	5941
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.0 22.4
179	16.0	12.3 18.5

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#75

Fluoranthene

Concen: 35.229 ng

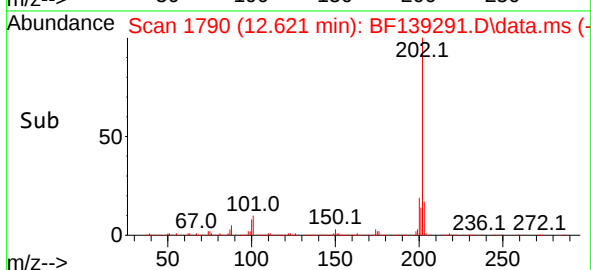
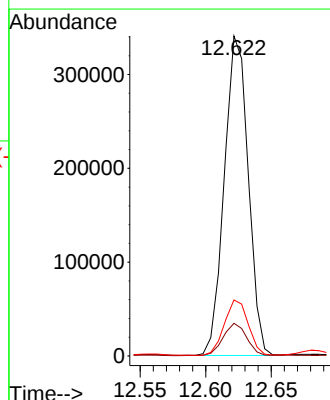
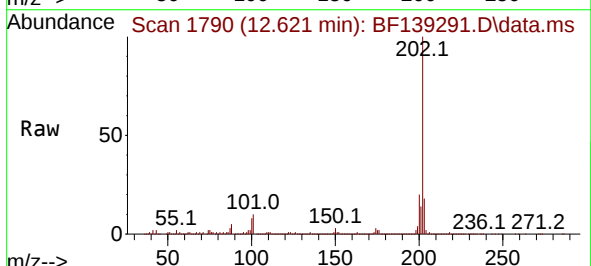
RT: 12.621 min Scan# 1790

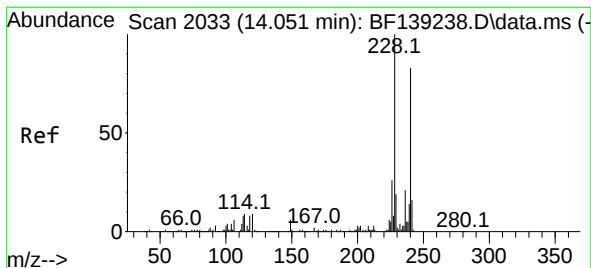
Delta R.T. -0.006 min

Lab File: BF139291.D

Acq: 09 Sep 2024 19:19

Tgt Ion:202	Resp:	432000
Ion Ratio	Lower	Upper
202	100	
101	10.2	0.0 29.9
203	17.5	0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF139291.D

Acq: 09 Sep 2024 19:19

Instrument :

BNA_F

ClientSampleId :

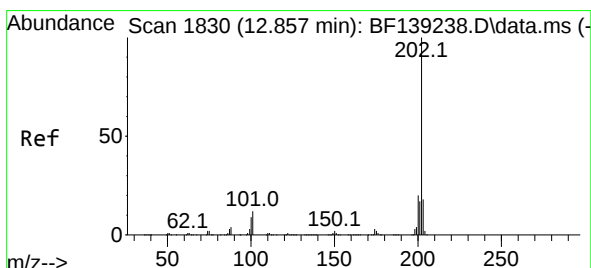
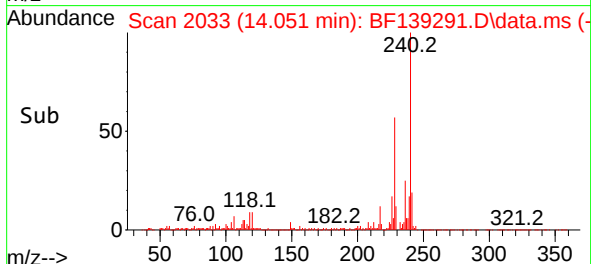
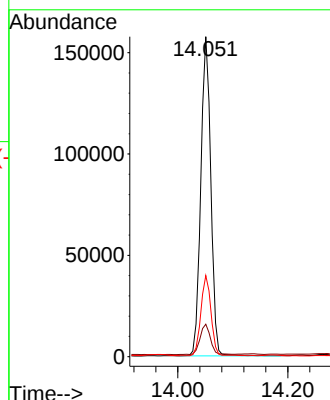
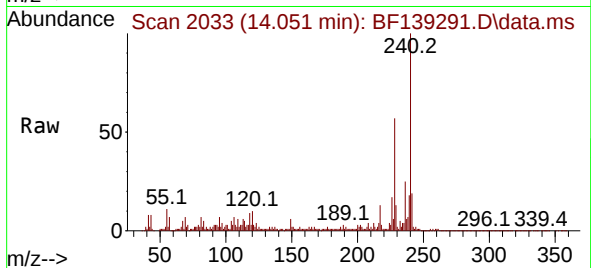
DN-B-36

Tgt Ion:240 Resp: 199808
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.6 12.8
 236 25.3 20.7 31.1

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#78

Pyrene

Concen: 19.524 ng

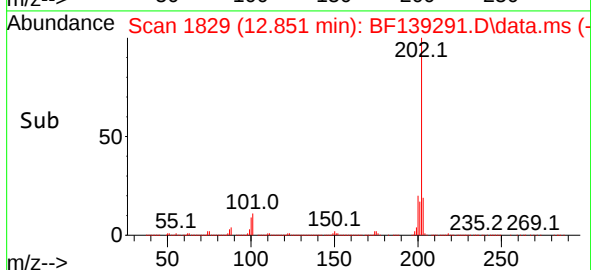
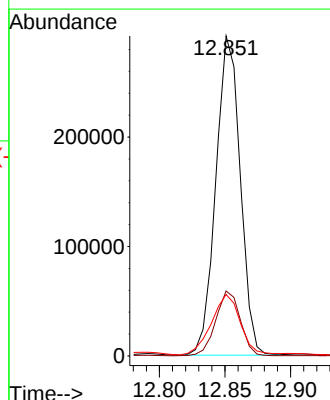
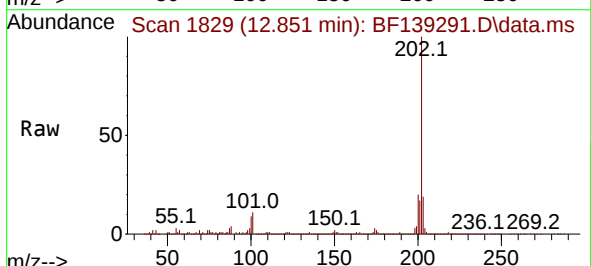
RT: 12.851 min Scan# 1829

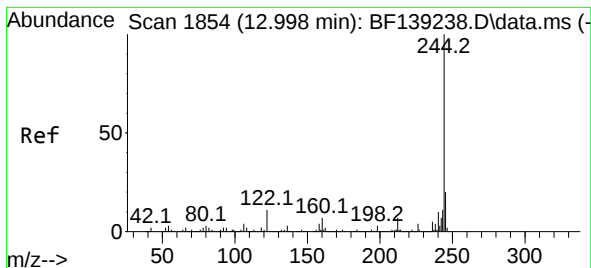
Delta R.T. -0.006 min

Lab File: BF139291.D

Acq: 09 Sep 2024 19:19

Tgt Ion:202 Resp: 376854
 Ion Ratio Lower Upper
 202 100
 200 20.3 15.8 23.8
 203 19.2 14.1 21.1





#79

Terphenyl-d14

Concen: 55.209 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139291.D

Acq: 09 Sep 2024 19:19

Instrument :

BNA_F

ClientSampleId :

DN-B-36

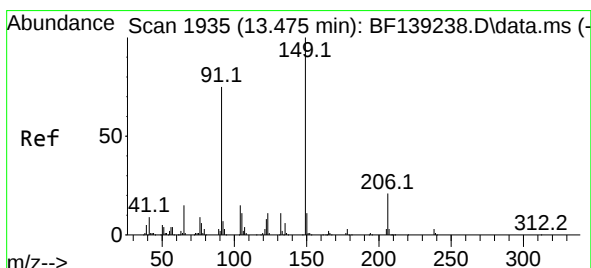
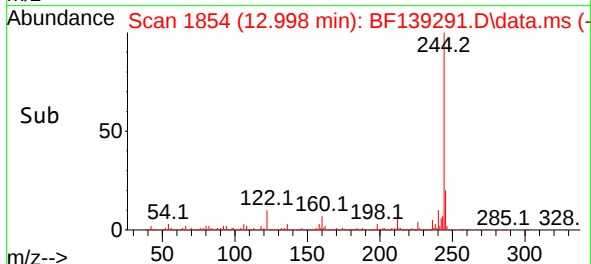
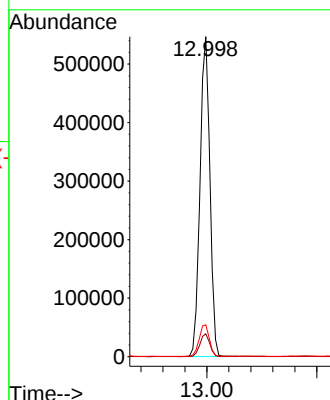
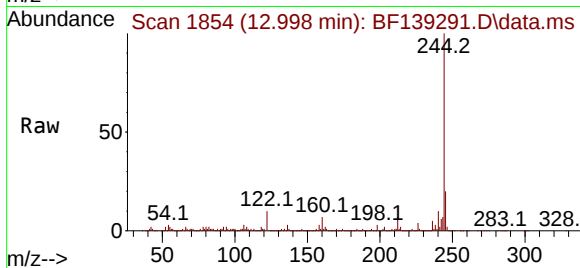
Tgt Ion:244 Resp: 68322

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#80

Butylbenzylphthalate

Concen: 2.838 ng

RT: 13.474 min Scan# 1935

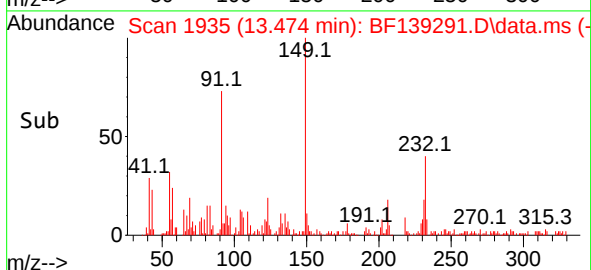
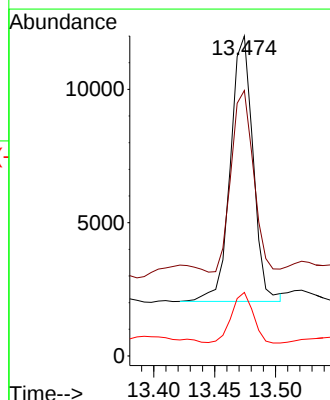
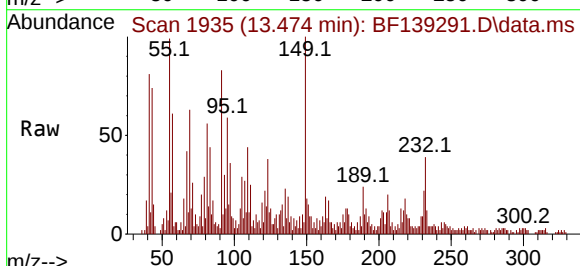
Delta R.T. -0.000 min

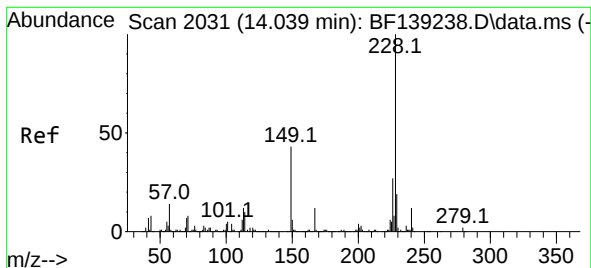
Lab File: BF139291.D

Acq: 09 Sep 2024 19:19

Tgt Ion:149 Resp: 12894

Ion	Ratio	Lower	Upper
149	100		
91	82.9	60.3	90.5
206	19.9	16.7	25.1





#81

Benzo(a)anthracene

Concen: 17.756 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139291.D

Acq: 09 Sep 2024 19:19

Instrument :

BNA_F

ClientSampleId :

DN-B-36

Tgt Ion:228 Resp: 226538

Ion Ratio Lower Upper

228 100

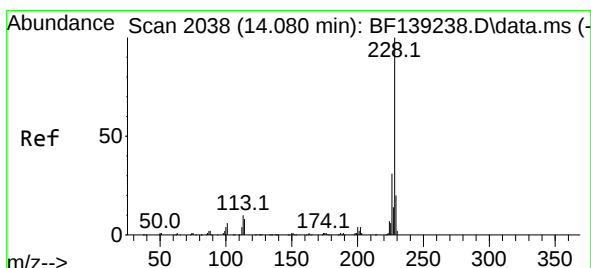
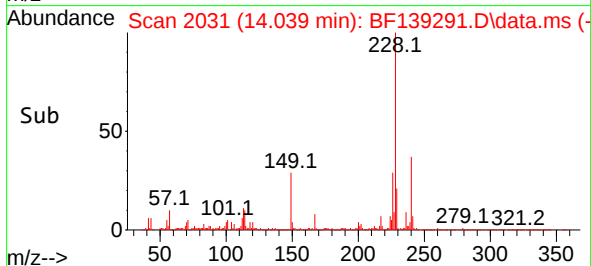
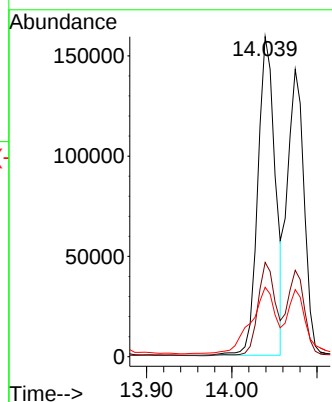
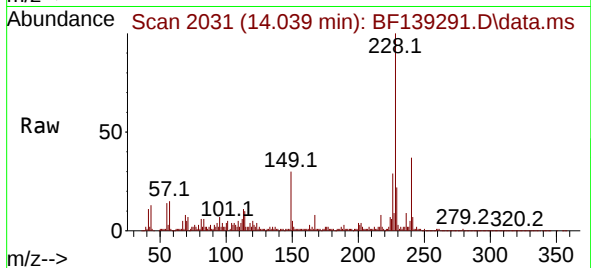
226 29.4 21.5 32.3

229 21.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#83

Chrysene

Concen: 16.075 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF139291.D

Acq: 09 Sep 2024 19:19

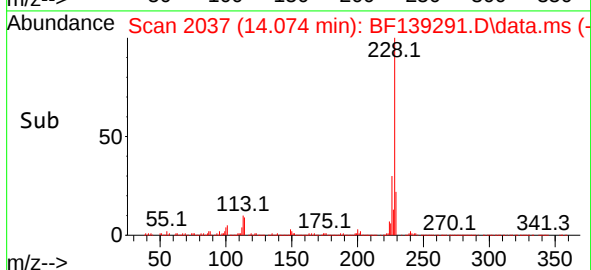
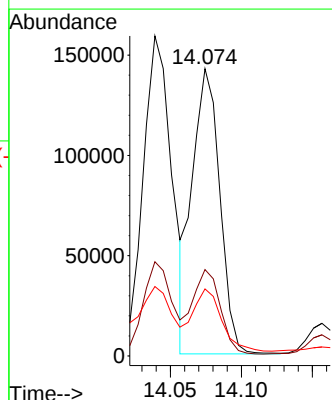
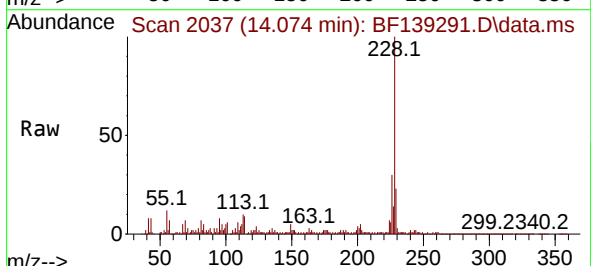
Tgt Ion:228 Resp: 191423

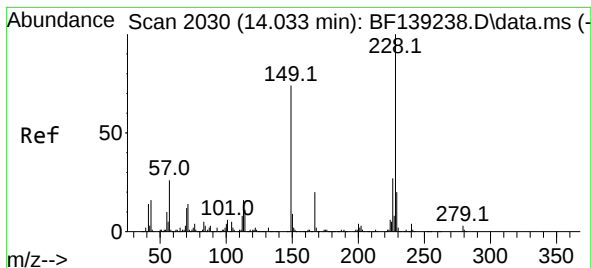
Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 23.4 15.8 23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 13.027 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139291.D

Acq: 09 Sep 2024 19:19

Instrument :

BNA_F

ClientSampleId :

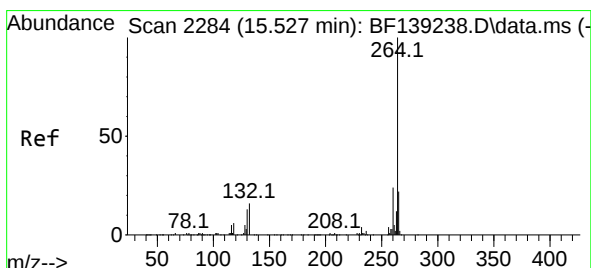
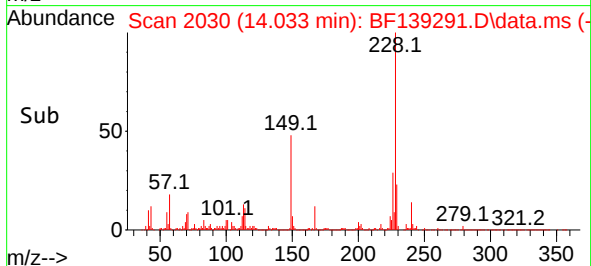
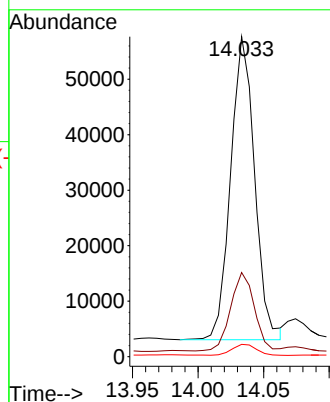
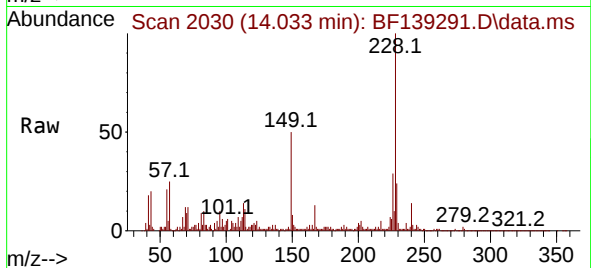
DN-B-36

Tgt Ion:	149	Resp:	6947
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.8	32.6
279	3.9	3.0	4.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#86

Perylene-d12

Concen: 20.000 ng

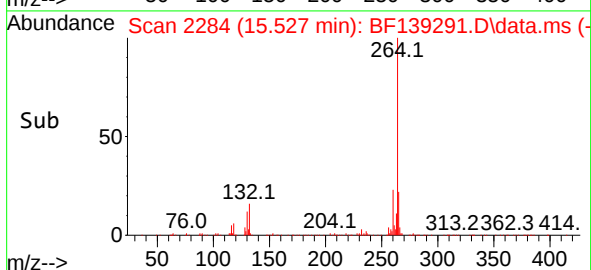
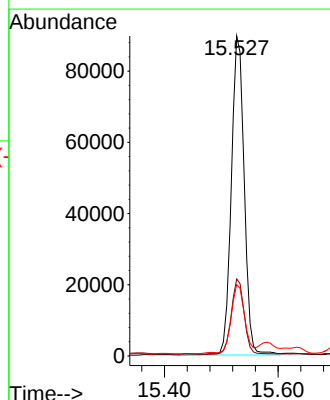
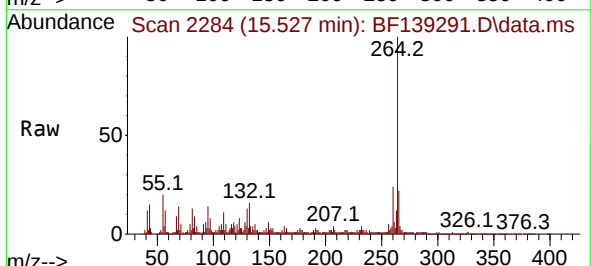
RT: 15.527 min Scan# 2284

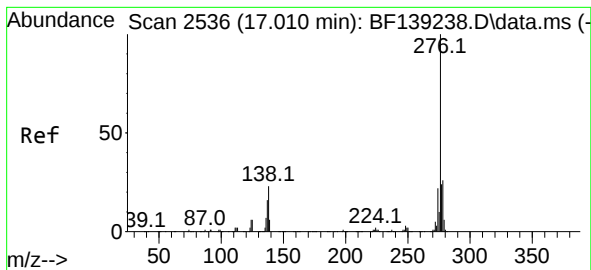
Delta R.T. -0.000 min

Lab File: BF139291.D

Acq: 09 Sep 2024 19:19

Tgt Ion:	264	Resp:	140960
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.8	28.2
265	22.3	17.3	25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.393 ng

RT: 17.004 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139291.D

Acq: 09 Sep 2024 19:19

Instrument :

BNA_F

ClientSampleId :

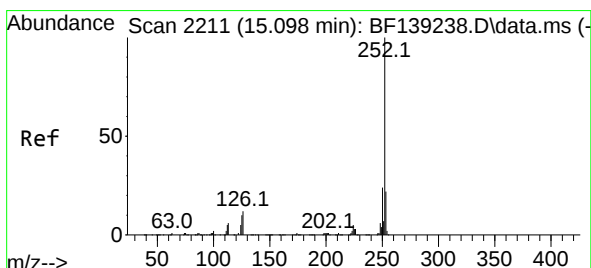
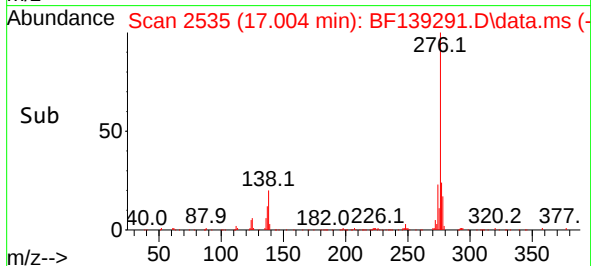
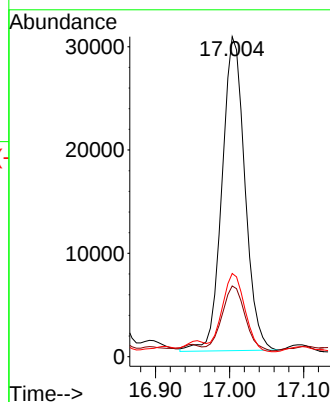
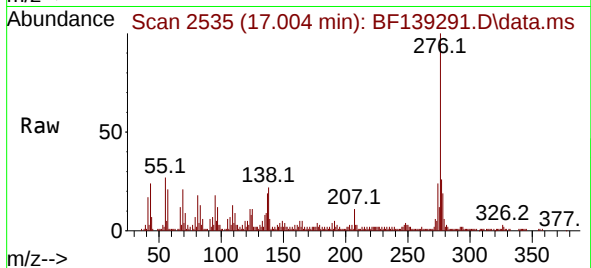
DN-B-36

Tgt Ion:	276	Resp:	65104
Ion Ratio	Lower	Upper	
276	100		
138	20.8	20.4	30.6
277	25.0	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#88

Benzo(b)fluoranthene

Concen: 25.334 ng m

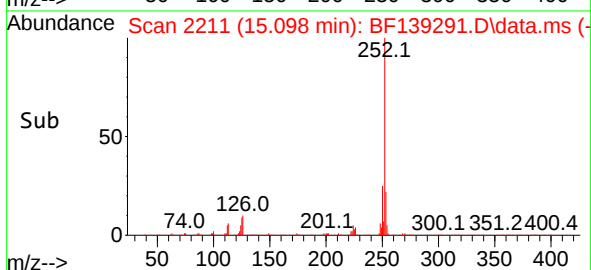
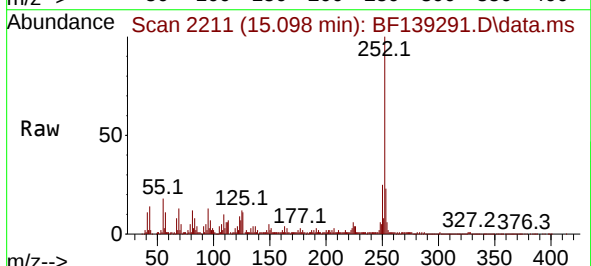
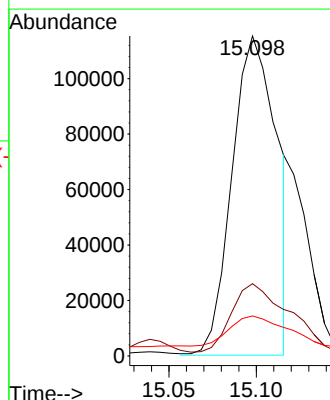
RT: 15.098 min Scan# 2211

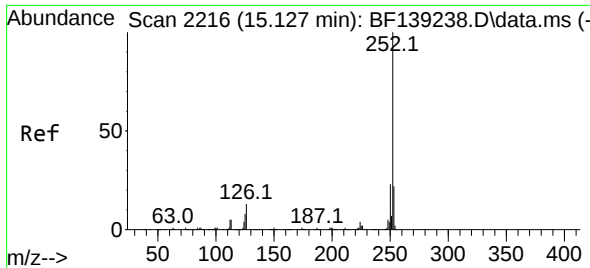
Delta R.T. -0.000 min

Lab File: BF139291.D

Acq: 09 Sep 2024 19:19

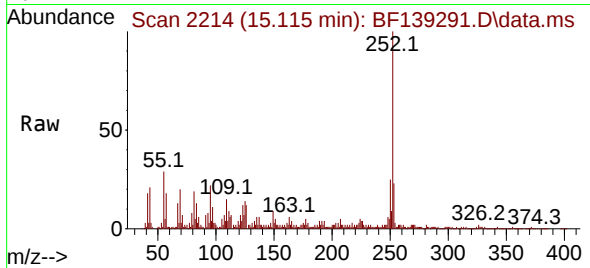
Tgt Ion:	252	Resp:	205659
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.6	26.4
125	12.5	7.6	11.4





#89
Benzo(k)fluoranthene
Concen: 7.965 ng m
RT: 15.115 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF139291.D
Acq: 09 Sep 2024 19:19

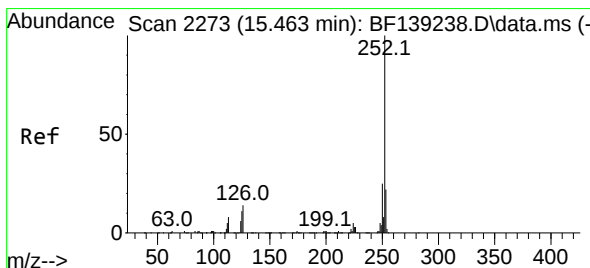
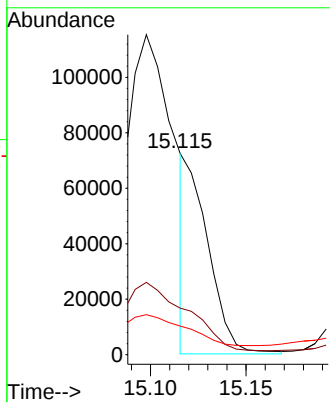
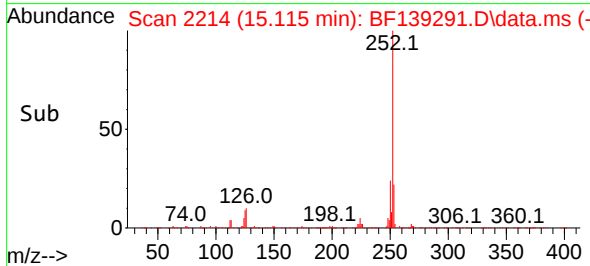
Instrument :
BNA_F
ClientSampleId :
DN-B-36



Tgt Ion:252 Resp: 57972
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 14.2 7.2 10.8

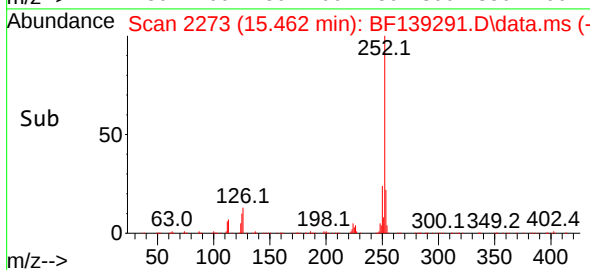
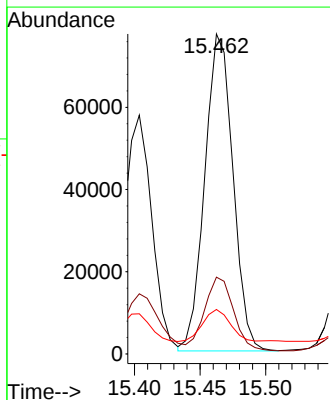
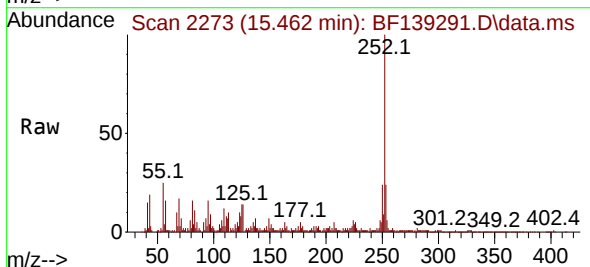
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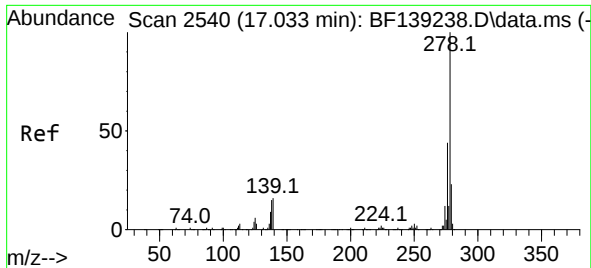
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#90
Benzo(a)pyrene
Concen: 16.738 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF139291.D
Acq: 09 Sep 2024 19:19

Tgt Ion:252 Resp: 115375
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 13.9 8.6 13.0#





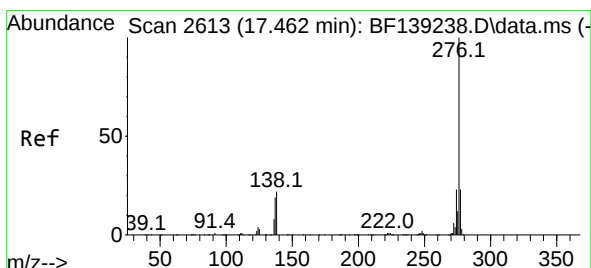
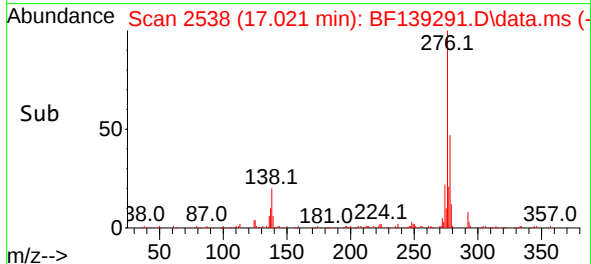
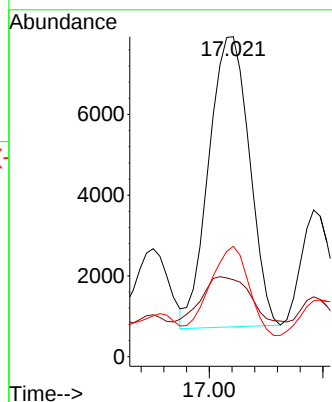
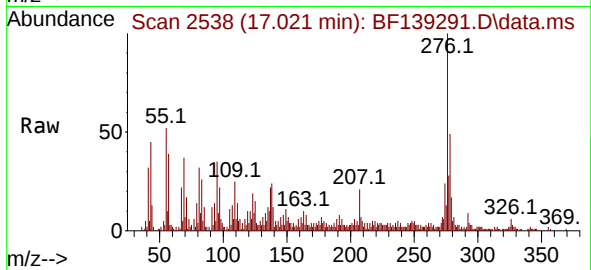
#91
Dibenzo(a,h)anthracene
Concen: 2.458 ng
RT: 17.021 min Scan# 2538
Delta R.T. -0.012 min
Lab File: BF139291.D
Acq: 09 Sep 2024 19:19

Instrument :
BNA_F
ClientSampleId :
DN-B-36

Tgt Ion:278 Resp: 1783
Ion Ratio Lower Upper
278 100
139 24.1 12.6 19.0
279 34.5 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#92
Benzo(g,h,i)perylene
Concen: 8.498 ng
RT: 17.456 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF139291.D
Acq: 09 Sep 2024 19:19

Tgt Ion:276 Resp: 63658
Ion Ratio Lower Upper
276 100
277 25.1 18.6 27.8
138 20.8 17.4 26.0

