

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139445.D
 Acq On : 19 Sep 2024 00:32
 Operator : RC/JU
 Sample : P4009-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-34B

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

Quant Time: Sep 19 01:32:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	57944	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	188539	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	84308	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	147668	20.000	ng	0.00
76) Chrysene-d12	14.033	240	95829	20.000	ng	0.00
86) Perylene-d12	15.504	264	77582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	363587	102.364	ng	0.00
7) Phenol-d6	6.504	99	461724	99.037	ng	0.00
23) Nitrobenzene-d5	7.439	82	307534	76.682	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	86245	96.088	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	483556	80.443	ng	0.00
79) Terphenyl-d14	12.980	244	443518	75.967	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.421	178	33038	4.637	ng	99
75) Fluoranthene	12.604	202	49267	6.475	ng	97
78) Pyrene	12.833	202	42380	5.151	ng	97
81) Benzo(a)anthracene	14.021	228	18645	2.937	ng	# 86
83) Chrysene	14.057	228	15179	2.599	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.010	149	7470	2.097	ng	# 95
88) Benzo(b)fluoranthene	15.074	252	15688m	3.279	ng	
90) Benzo(a)pyrene	15.439	252	11303	2.848	ng	# 86
92) Benzo(g,h,i)perylene	17.415	276	8891	2.356	ng	94

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

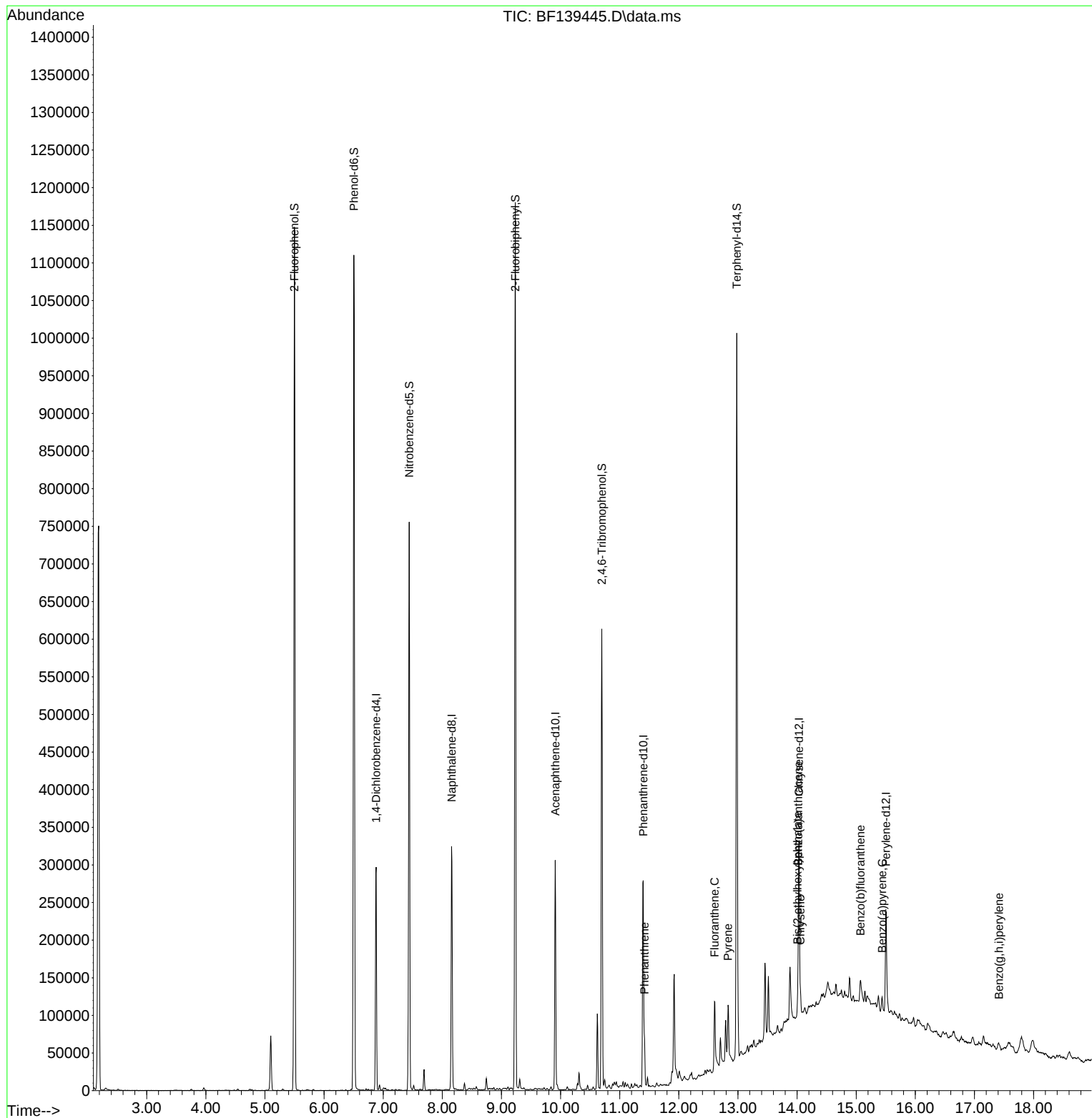
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139445.D
Acq On : 19 Sep 2024 00:32
Operator : RC/JU
Sample : P4009-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

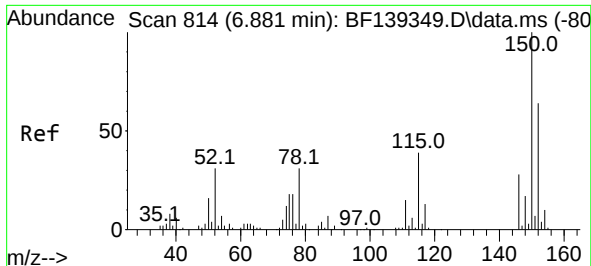
Instrument :
BNA_F
ClientSampleId :
DN-B-34B

Quant Time: Sep 19 01:32:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
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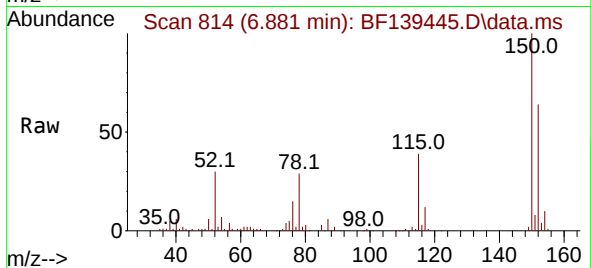
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

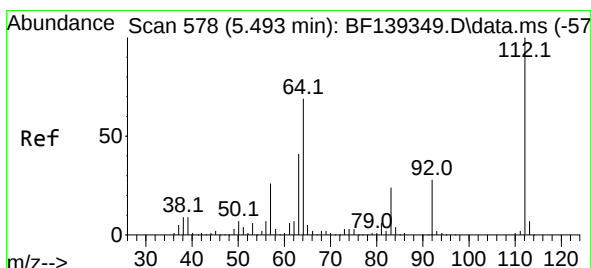
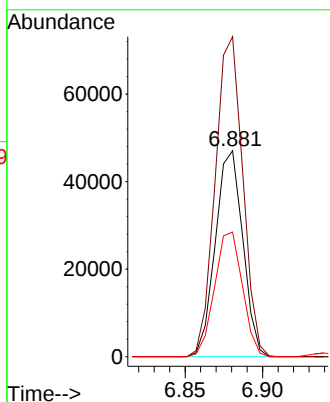
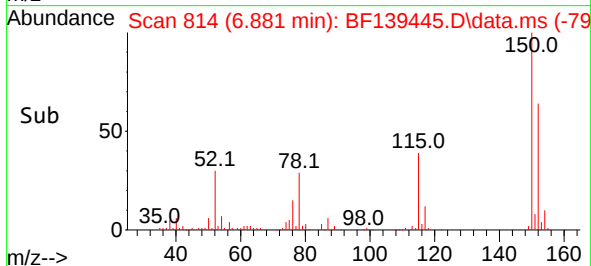
Instrument :
BNA_F
ClientSampleId :
DN-B-34B



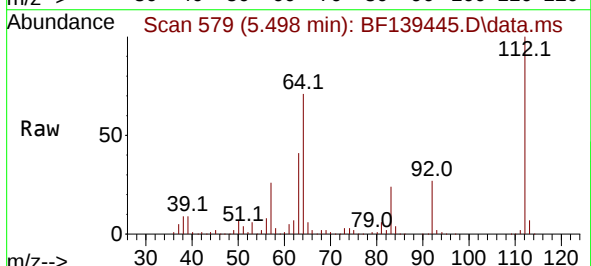
Tgt Ion:152 Resp: 57944
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 60.5 48.1 72.1

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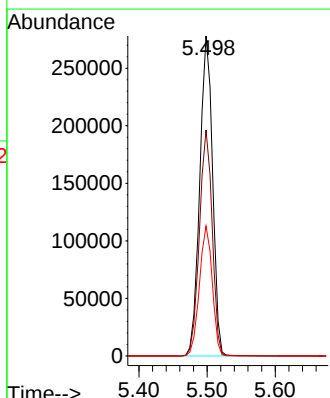
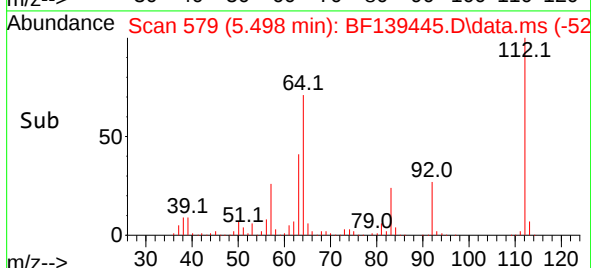
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

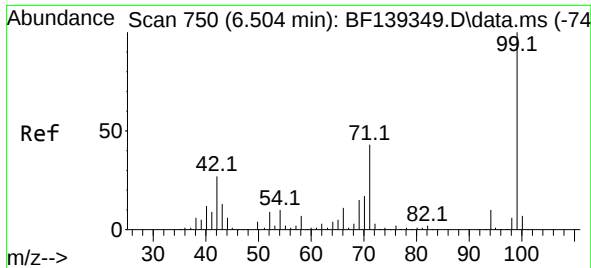


#5
2-Fluorophenol
Concen: 102.364 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32



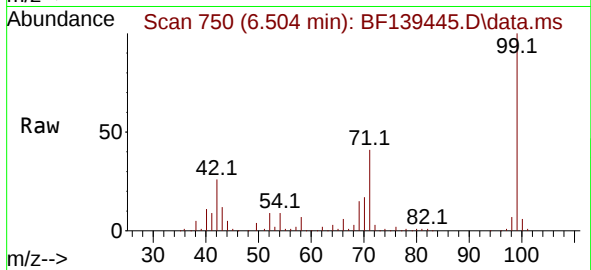
Tgt Ion:112 Resp: 363587
Ion Ratio Lower Upper
112 100
64 70.6 54.8 82.2
63 40.6 33.0 49.4





#7
Phenol-d6
Concen: 99.037 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

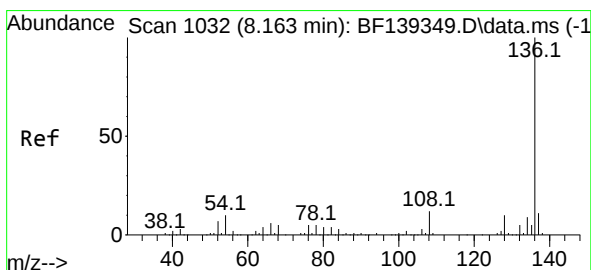
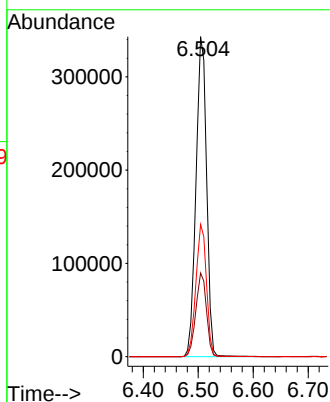
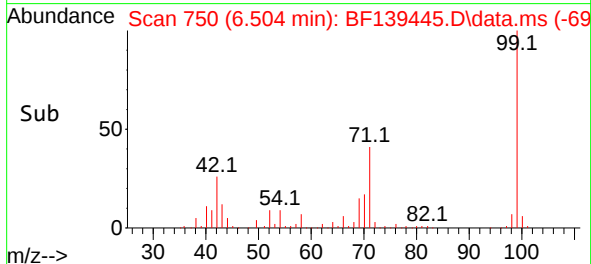
Instrument :
BNA_F
ClientSampleId :
DN-B-34B



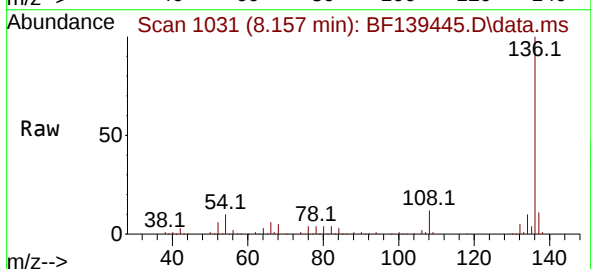
Tgt Ion: 99 Resp: 461724
Ion Ratio Lower Upper
99 100
42 26.1 21.9 32.9
71 41.4 34.6 52.0

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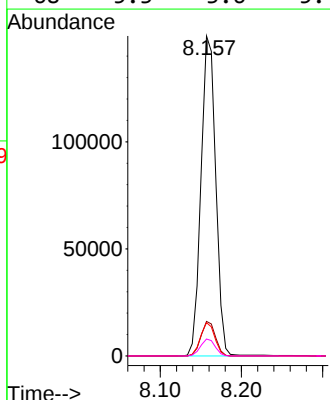
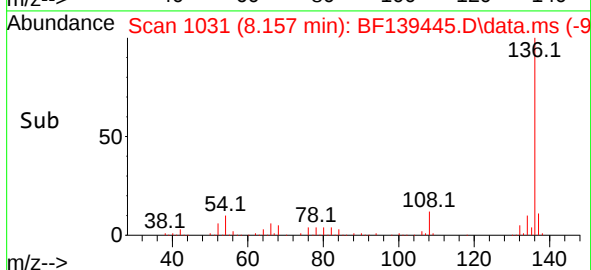
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

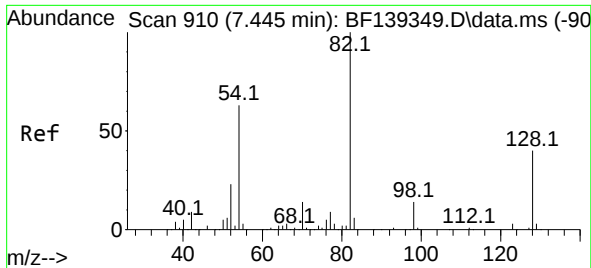


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32



Tgt Ion:136 Resp: 188539
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.4 7.8 11.8
68 5.3 3.6 5.4





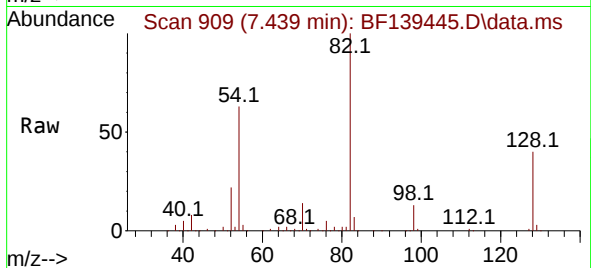
#23
Nitrobenzene-d5
Concen: 76.682 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

Instrument :

BNA_F

ClientSampleId :

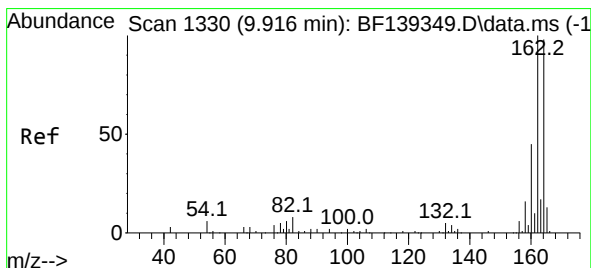
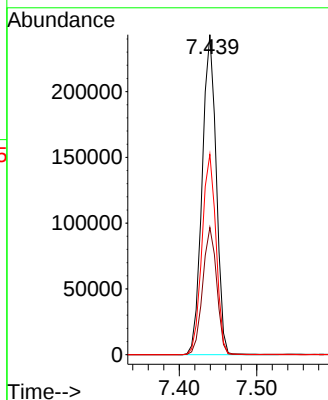
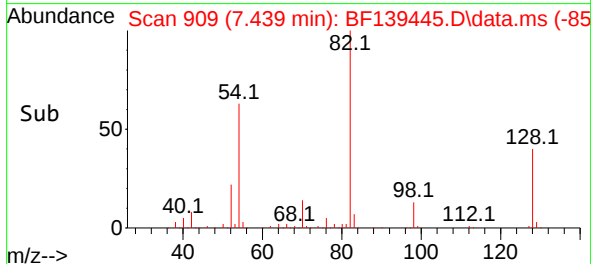
DN-B-34B



Tgt Ion: 82 Resp: 307534
Ion Ratio Lower Upper
82 100
128 39.8 31.8 47.6
54 62.6 50.6 75.8

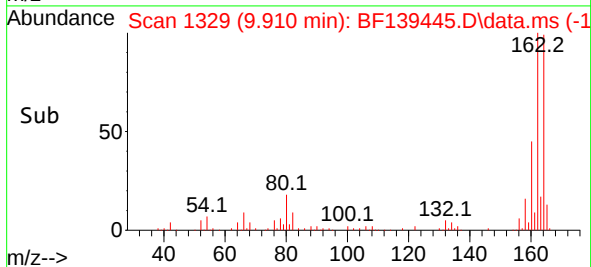
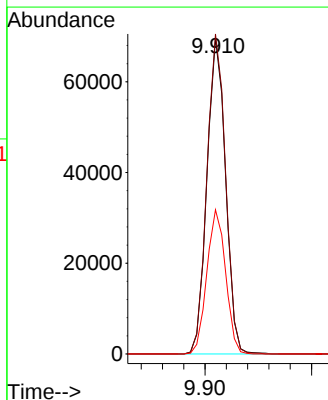
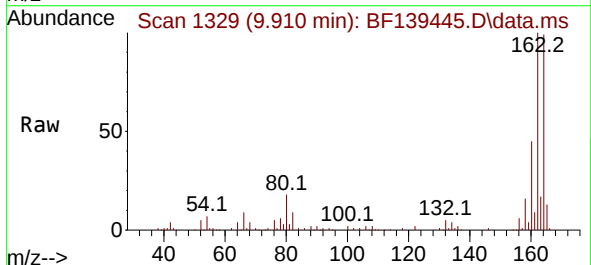
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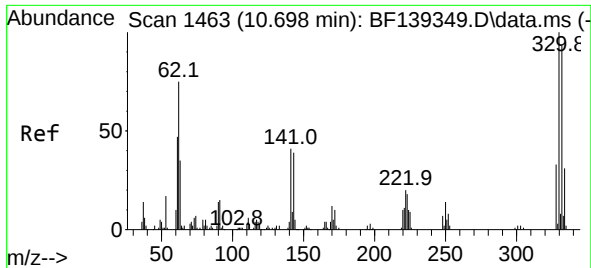
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

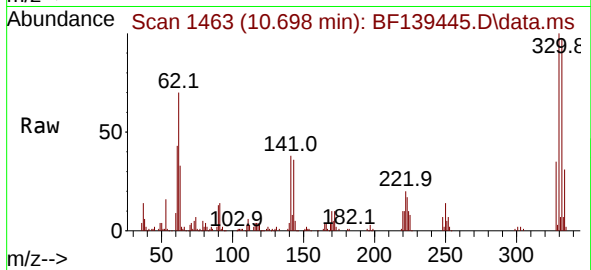
Tgt Ion:164 Resp: 84308
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 45.7 36.4 54.6





#42
2,4,6-Tribromophenol
Concen: 96.088 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

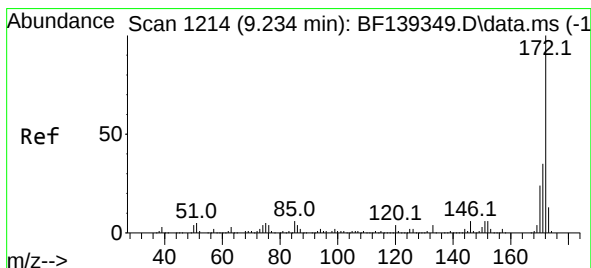
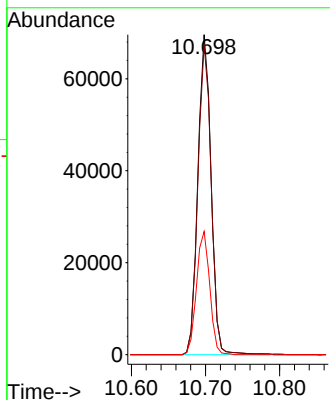
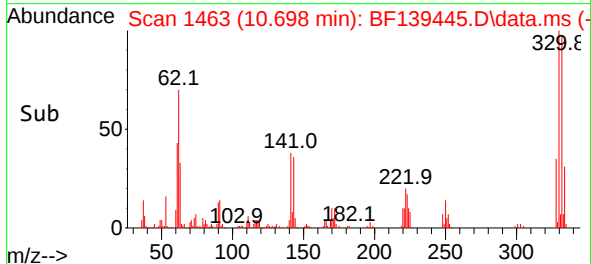
Instrument :
BNA_F
Client SampleId :
DN-B-34B



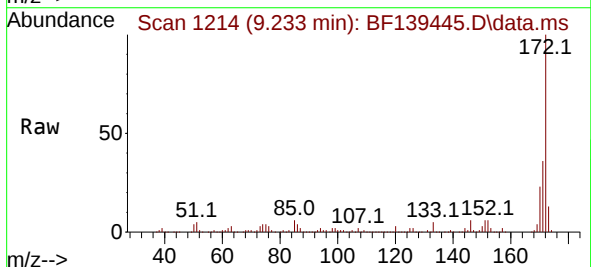
Tgt Ion: 330 Resp: 86245
Ion Ratio Lower Upper
330 100
332 97.6 75.2 112.8
141 38.4 31.2 46.8

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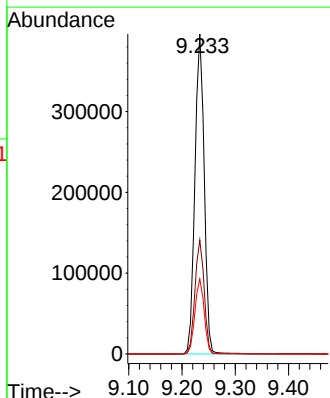
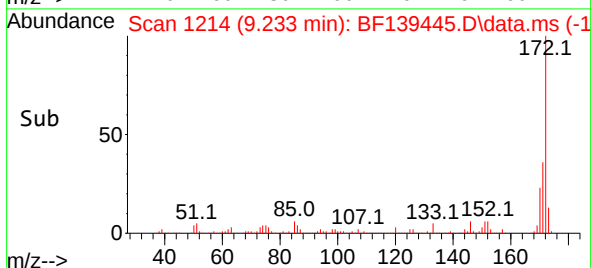
Reviewed By : Jagrut Upadhyay 09/19/2024
Supervised By : mohammad ahmed 09/20/2024

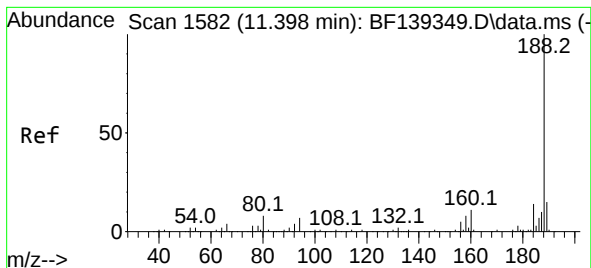


#45
2-Fluorobiphenyl
Concen: 80.443 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32



Tgt Ion: 172 Resp: 483556
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

Instrument :

BNA_F

ClientSampleId :

DN-B-34B

Tgt Ion:188 Resp: 14766

Ion Ratio Lower Upper

188 100

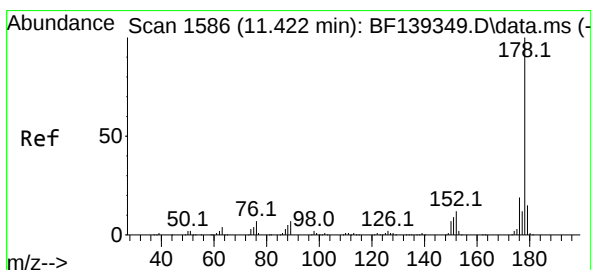
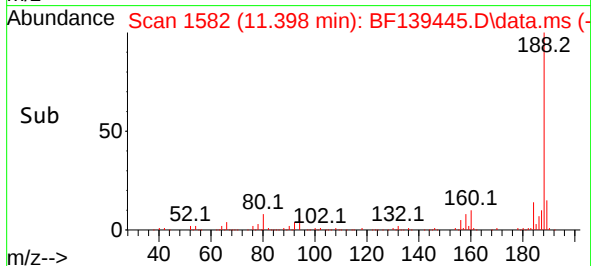
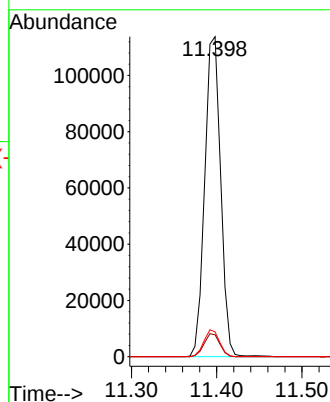
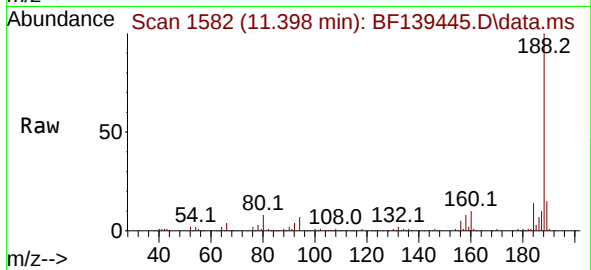
94 6.9 5.5 8.3

80 7.7 6.6 9.8

Manual Integrations

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Supervised By :mohammad ahmed 09/20/2024



#71

Phenanthrene

Concen: 4.637 ng

RT: 11.421 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

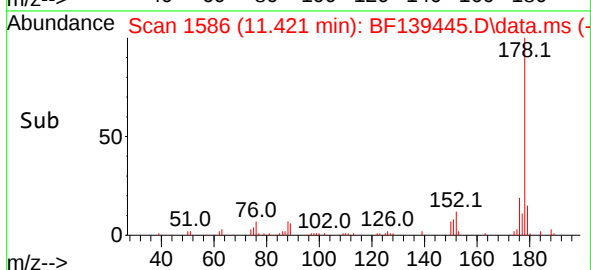
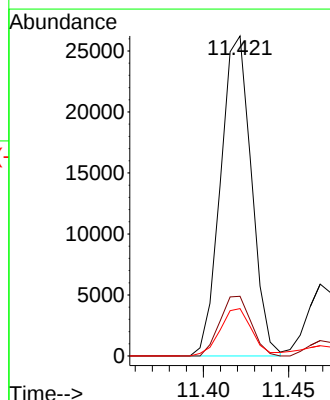
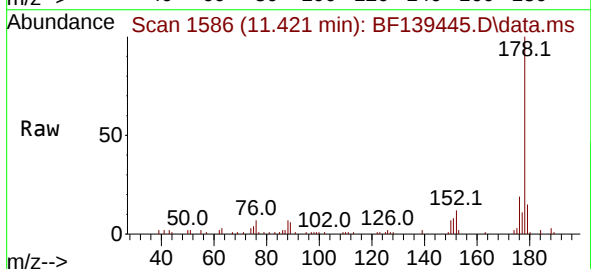
Tgt Ion:178 Resp: 33038

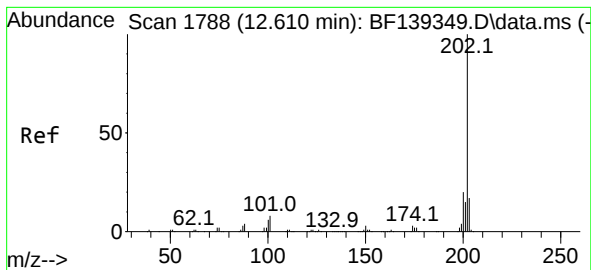
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

179 14.8 12.2 18.4





#75

Fluoranthene

Concen: 6.475 ng

RT: 12.604 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

Instrument :

BNA_F

ClientSampleId :

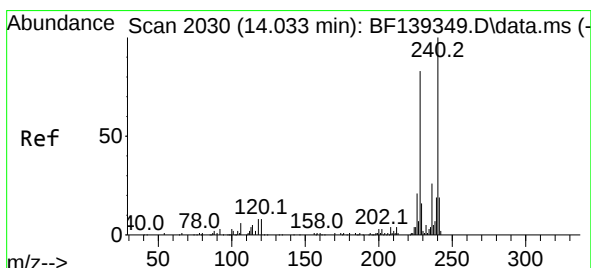
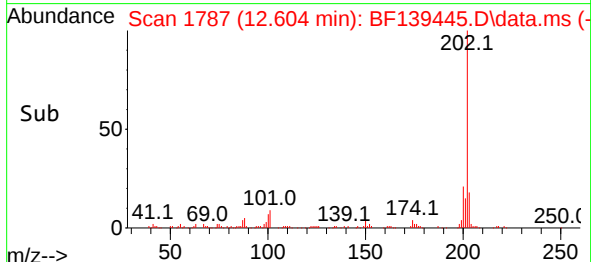
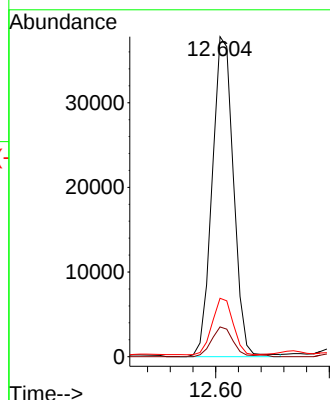
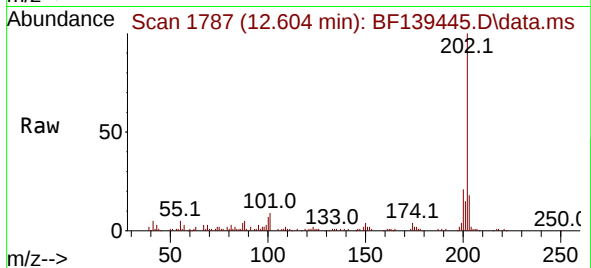
DN-B-34B

Tgt Ion:	202	Resp:	4926
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	27.7
203	18.2	0.0	37.4

Manual Integrations

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#76

Chrysene-d12

Concen: 20.000 ng

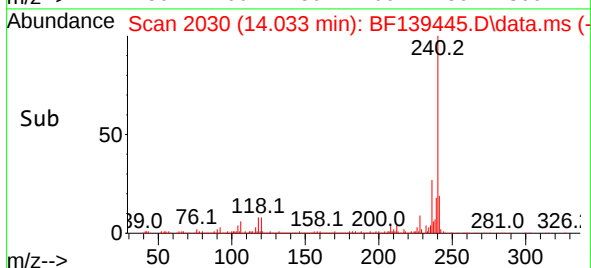
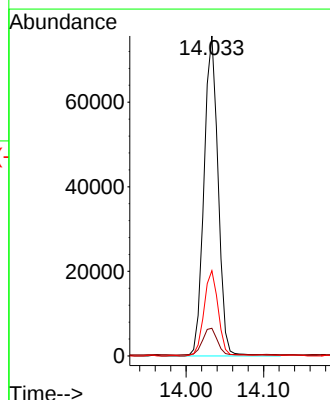
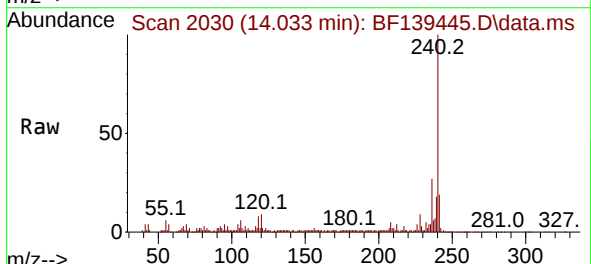
RT: 14.033 min Scan# 2030

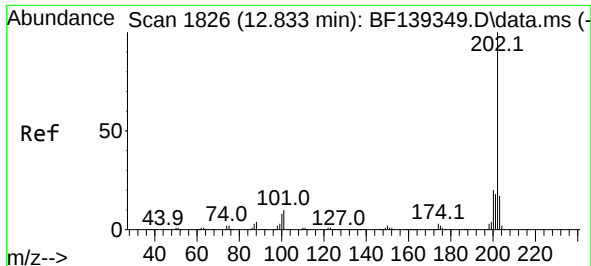
Delta R.T. -0.000 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

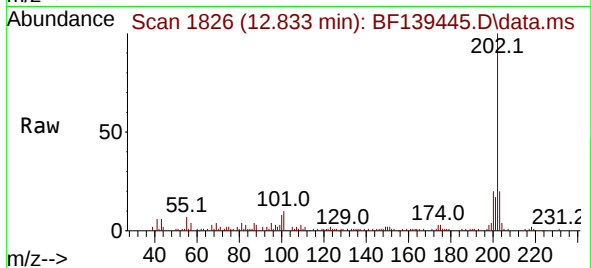
Tgt Ion:	240	Resp:	95829
Ion Ratio	Lower	Upper	
240	100		
120	8.6	6.2	9.2
236	26.7	20.9	31.3





#78
Pyrene
Concen: 5.151 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

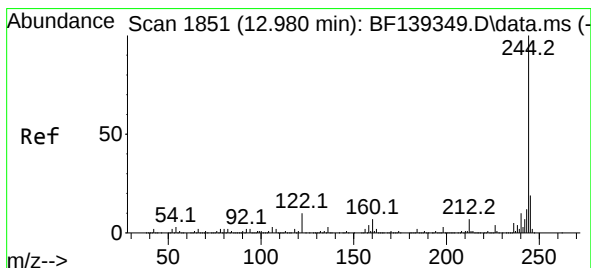
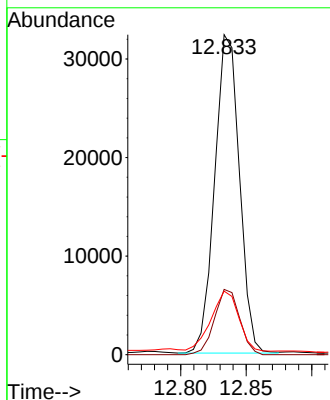
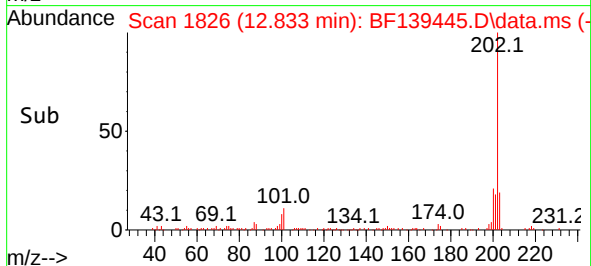
Instrument :
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DN-B-34B



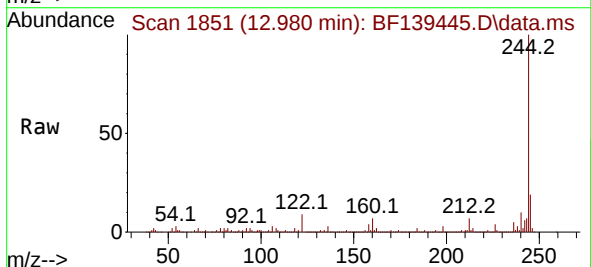
Tgt Ion:202 Resp: 42380
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 19.9 13.9 20.9

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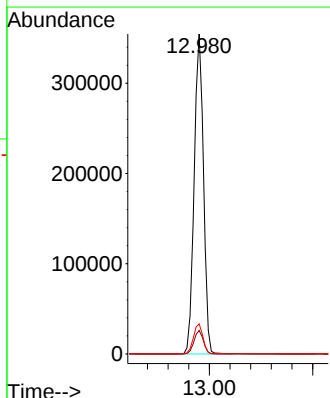
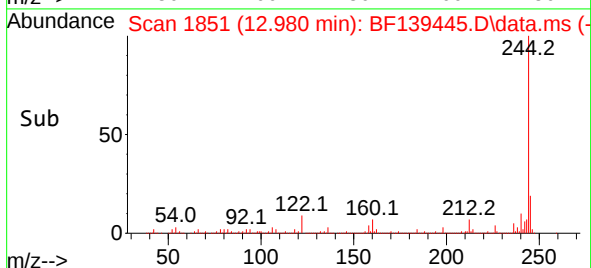
Reviewed By :Jagrut Upadhyay 09/19/2024
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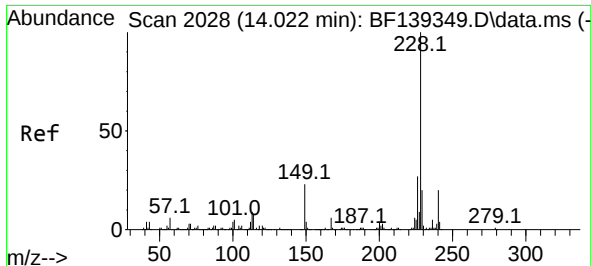


#79
Terphenyl-d14
Concen: 75.967 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32



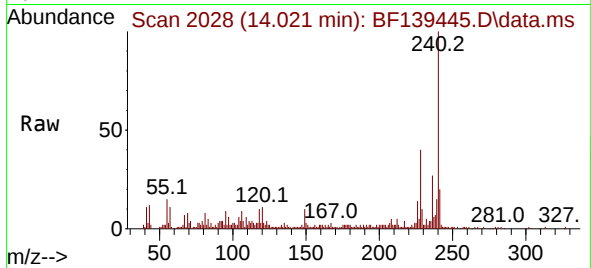
Tgt Ion:244 Resp: 443518
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.4 7.6 11.4





#81
Benzo(a)anthracene
Concen: 2.937 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

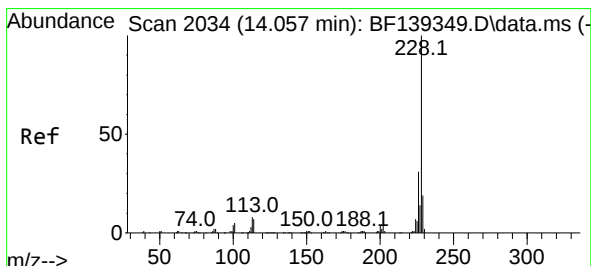
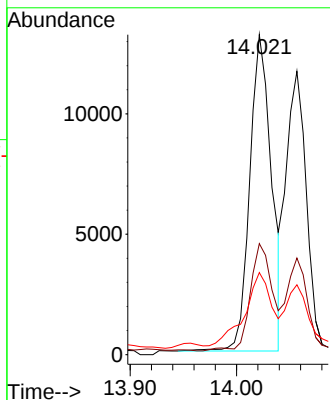
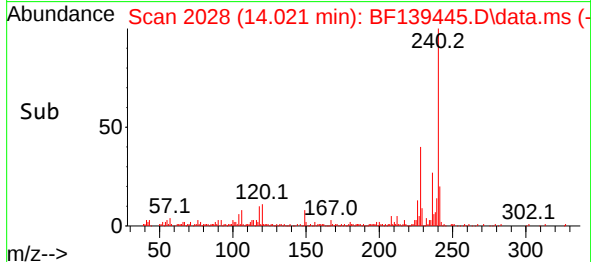
Instrument :
BNA_F
ClientSampleId :
DN-B-34B



Tgt Ion:228 Resp: 1864
Ion Ratio Lower Upper
228 100
226 34.7 21.6 32.4
229 25.7 15.7 23.5

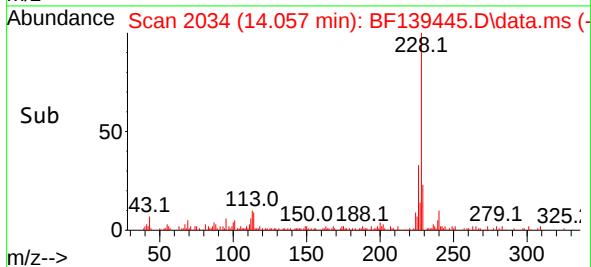
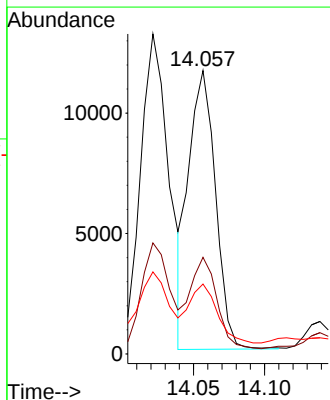
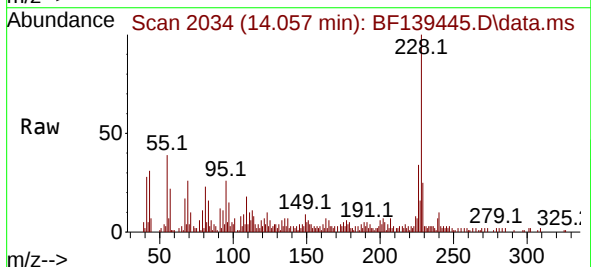
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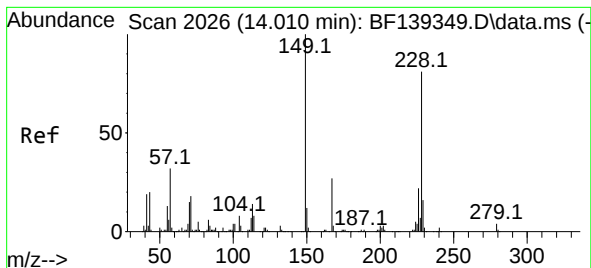
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#83
Chrysene
Concen: 2.599 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

Tgt Ion:228 Resp: 15179
Ion Ratio Lower Upper
228 100
226 34.1 24.1 36.1
229 24.7 15.4 23.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.097 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

Instrument :

BNA_F

ClientSampleId :

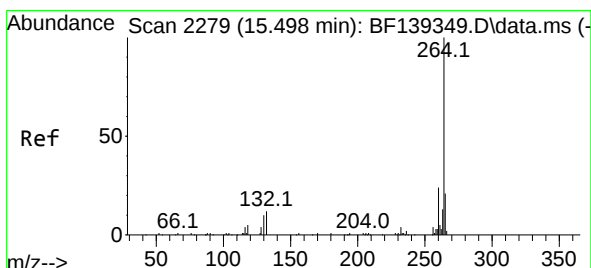
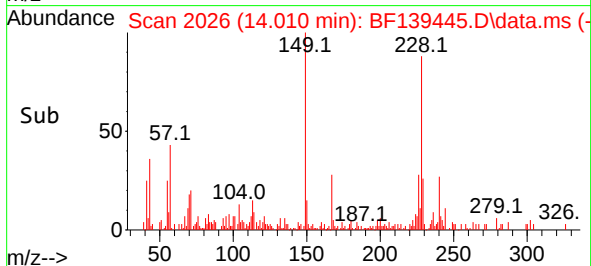
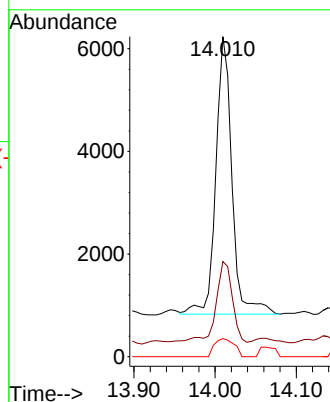
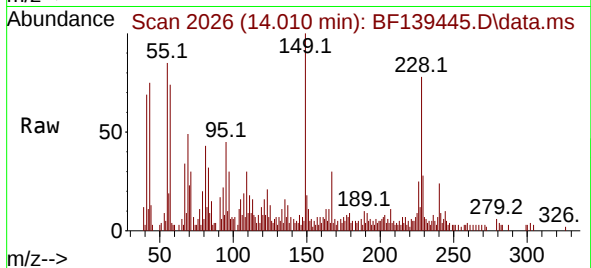
DN-B-34B

Tgt Ion:	149	Resp:	7470
Ion Ratio	Lower	Upper	
149	100		
167	29.7	21.6	32.4
279	5.6	3.3	4.9

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Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#86

Perylene-d12

Concen: 20.000 ng

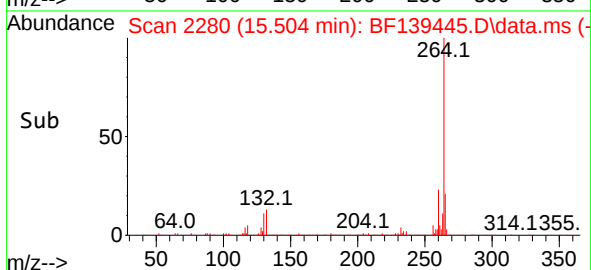
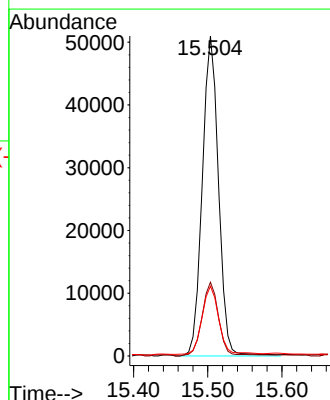
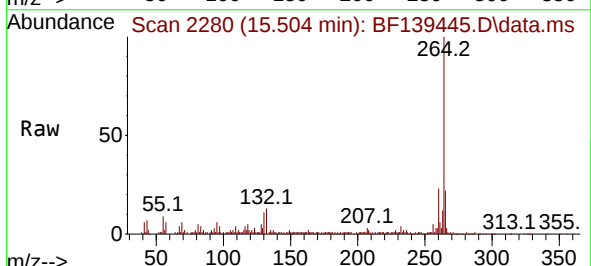
RT: 15.504 min Scan# 2280

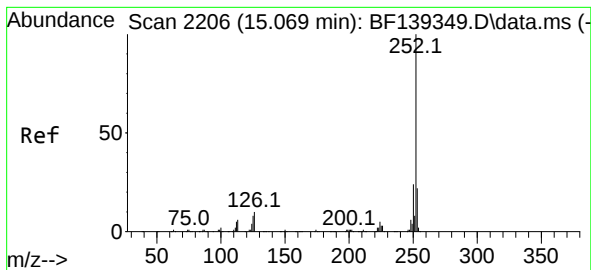
Delta R.T. 0.006 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

Tgt Ion:	264	Resp:	77582
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.5	29.3
265	21.8	16.6	25.0





#88

Benzo(b)fluoranthene

Concen: 3.279 ng m

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

Instrument :

BNA_F

ClientSampleId :

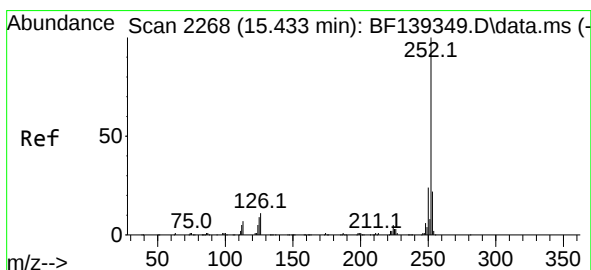
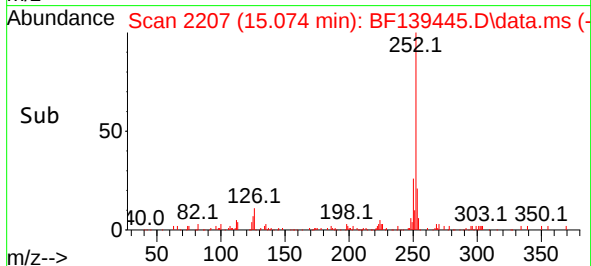
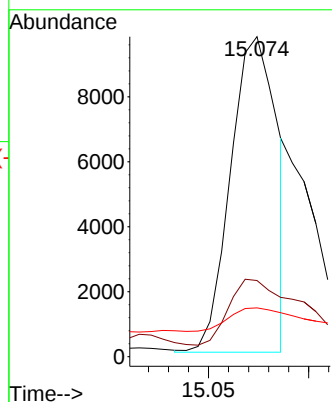
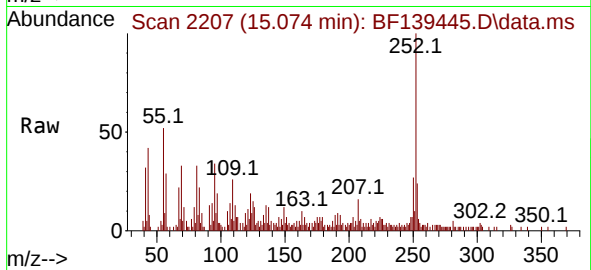
DN-B-34B

Tgt Ion:252 Resp: 1568
 Ion Ratio Lower Upper
 252 100
 253 23.8 17.6 26.4
 125 15.3 6.2 9.2

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Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024



#90

Benzo(a)pyrene

Concen: 2.848 ng

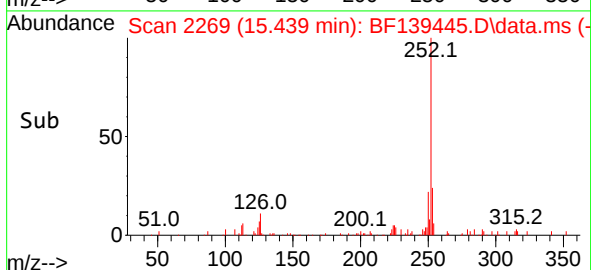
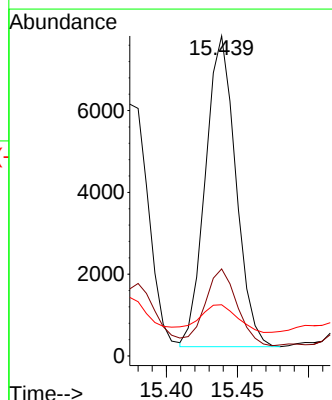
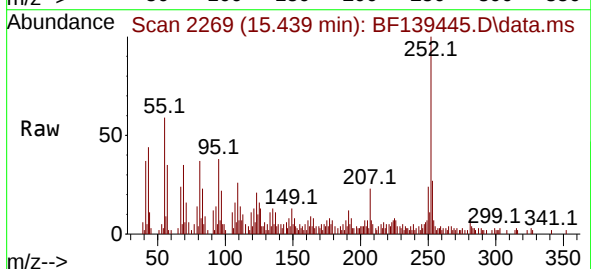
RT: 15.439 min Scan# 2269

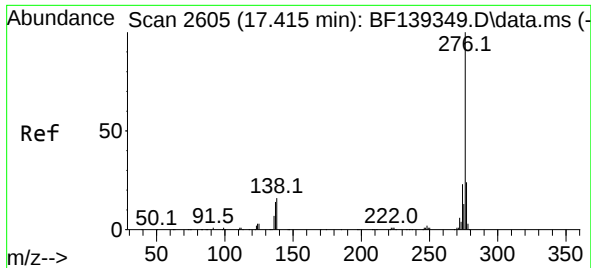
Delta R.T. 0.006 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

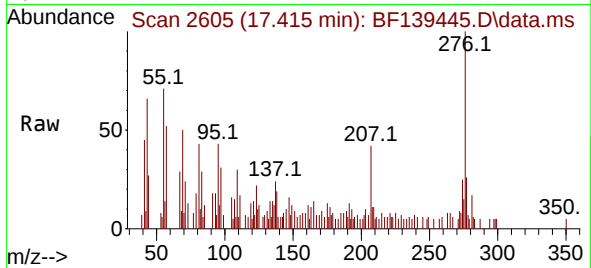
Tgt Ion:252 Resp: 11303
 Ion Ratio Lower Upper
 252 100
 253 27.2 17.3 25.9#
 125 16.0 6.8 10.2#





#92
 Benzo(g,h,i)perylene
 Concen: 2.356 ng
 RT: 17.415 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF139445.D
 Acq: 19 Sep 2024 00:32

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-34B



Tgt Ion: 276 Resp: 889

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.9	28.3
138	18.9	13.0	19.6

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Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

