

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139986.D
 Acq On : 24 Oct 2024 01:37
 Operator : RC/JU
 Sample : P4489-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-2675

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 24 04:07:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	98875	20.000	ng	0.01
21) Naphthalene-d8	8.198	136	108248	20.000	ng	# 0.02
39) Acenaphthene-d10	9.986	164	126425	20.000	ng	# 0.06
64) Phenanthrene-d10	11.474	188	181889	20.000	ng	# 0.06
76) Chrysene-d12	14.080	240	271082	20.000	ng	0.03
86) Perylene-d12	15.539	264	219040	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	676924	107.177	ng	0.00
7) Phenol-d6	6.510	99	757184	92.564	ng	0.00
23) Nitrobenzene-d5	7.463	82	563735	288.636	ng	0.01
42) 2,4,6-Tribromophenol	10.775	330	139879	118.287	ng	0.06
45) 2-Fluorobiphenyl	9.286	172	481405	62.932	ng	0.04
79) Terphenyl-d14	13.039	244	733363	44.083	ng	0.04
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.933	142	746511	218.334	ng	97
38) 1-Methylnaphthalene	9.033	142	441124	131.500	ng	90
46) 1,1'-Biphenyl	9.392	154	189310	21.510	ng	95
71) Phenanthrene	11.498	178	143336	16.683	ng	# 36
78) Pyrene	12.910	202	252786m	10.653	ng	
81) Benzo(a)anthracene	14.068	228	38114	2.160	ng	# 37
83) Chrysene	14.104	228	47776	2.953	ng	# 67
84) Bis(2-ethylhexyl)phtha...	14.045	149	212379	26.609	ng	# 93
88) Benzo(b)fluoranthene	15.110	252	52535m	3.937	ng	
90) Benzo(a)pyrene	15.474	252	26580	2.421	ng	# 74

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

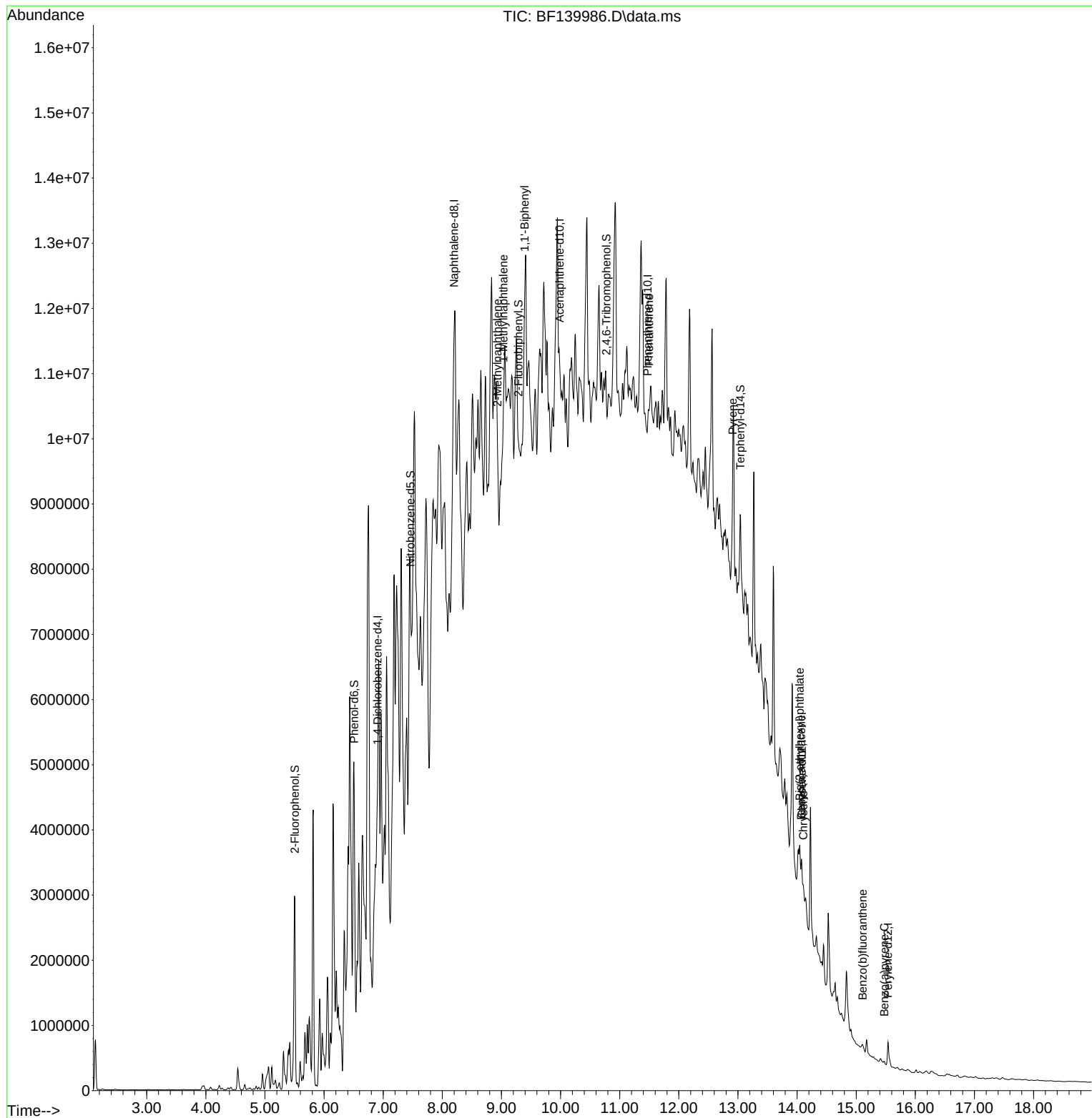
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139986.D
Acq On : 24 Oct 2024 01:37
Operator : RC/JU
Sample : P4489-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

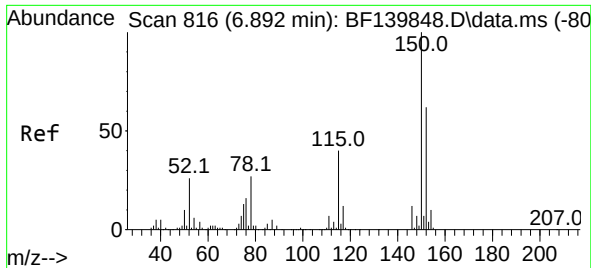
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Oct 24 04:07:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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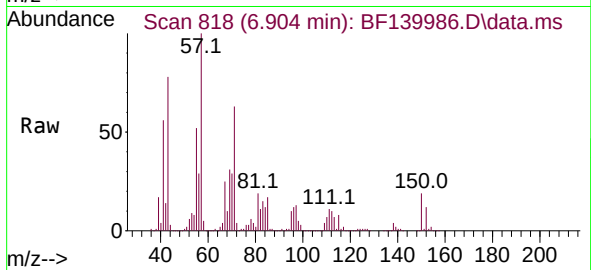
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 816
Delta R.T. 0.012 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

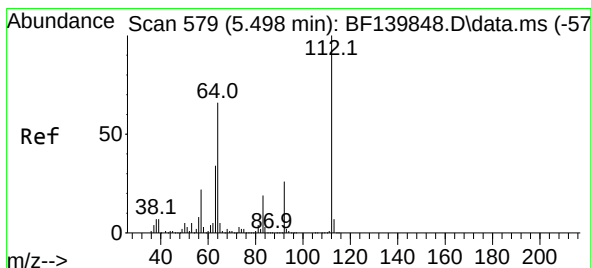
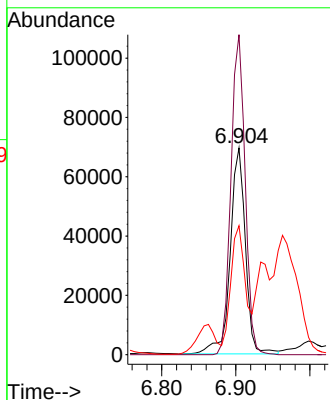
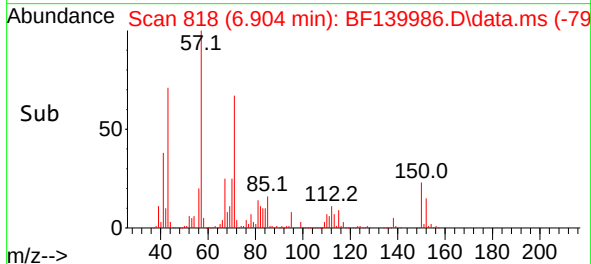
Instrument :
BNA_F
ClientSampleId :
RT-2675



Tgt Ion:152 Resp: 98875
Ion Ratio Lower Upper
152 100
150 154.8 130.2 195.2
115 62.4 51.4 77.2

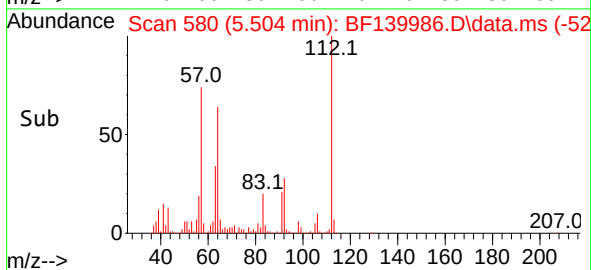
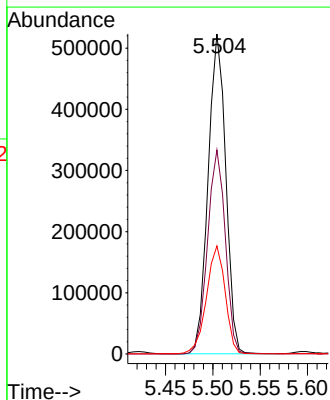
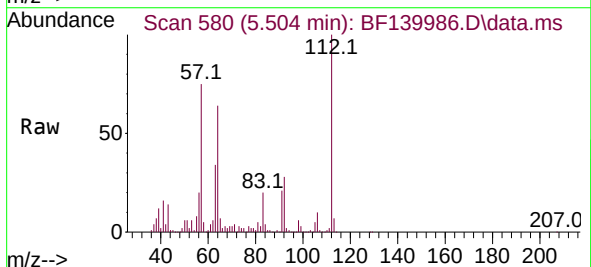
Manual Integrations
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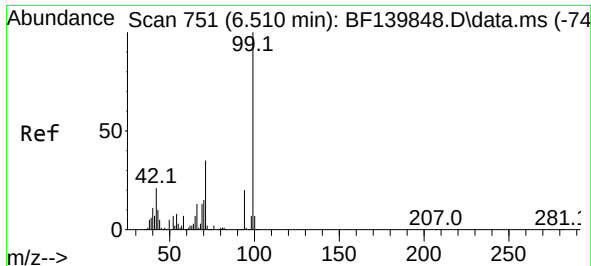
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#5
2-Fluorophenol
Concen: 107.177 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

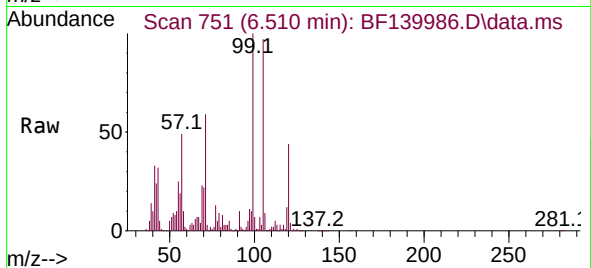
Tgt Ion:112 Resp: 676924
Ion Ratio Lower Upper
112 100
64 63.7 53.0 79.6
63 33.7 27.0 40.4





#7
Phenol-d6
Concen: 92.564 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

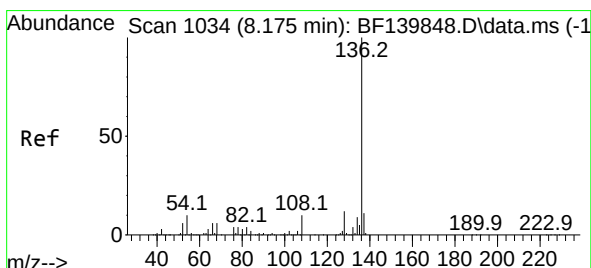
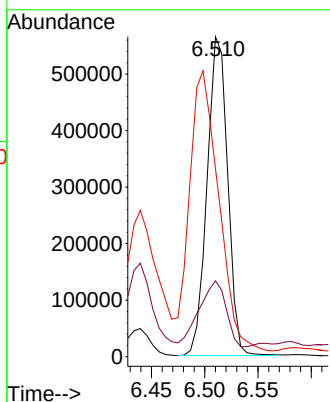
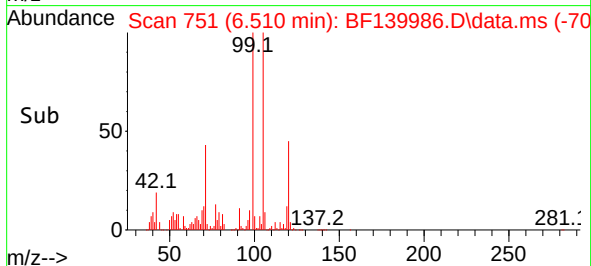
Instrument :
BNA_F
ClientSampleId :
RT-2675



Tgt Ion: 99 Resp: 757184
Ion Ratio Lower Upper
99 100
42 23.7 16.7 25.1
71 58.8 27.7 41.5

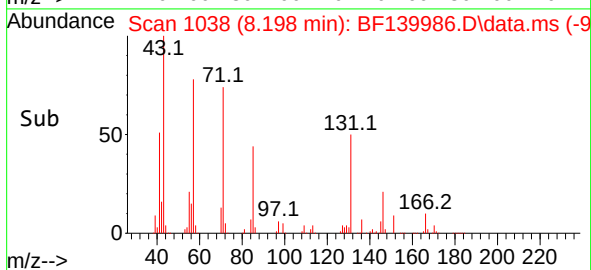
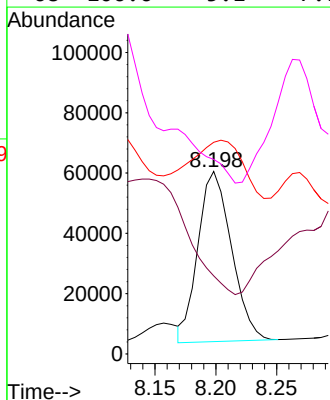
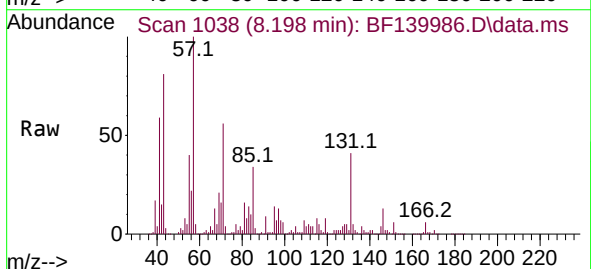
Manual Integrations
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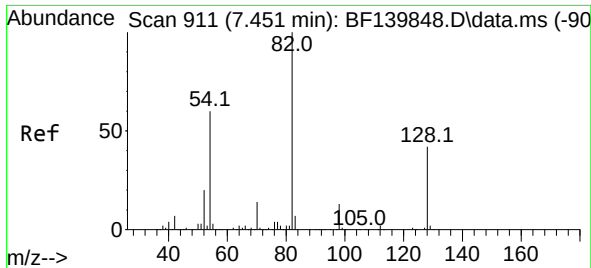
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.024 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

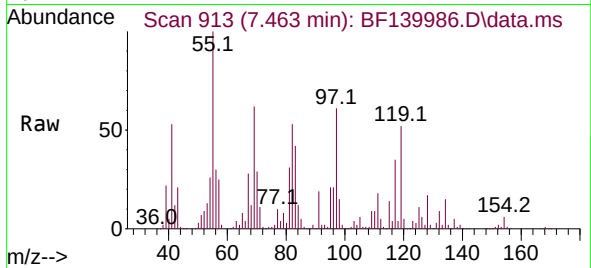
Tgt Ion:136 Resp: 108248
Ion Ratio Lower Upper
136 100
137 42.8 8.6 12.8#
54 116.0 8.4 12.6#
68 106.6 5.1 7.7#





#23
Nitrobenzene-d5
Concen: 288.636 ng
RT: 7.463 min Scan# 911
Delta R.T. 0.012 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

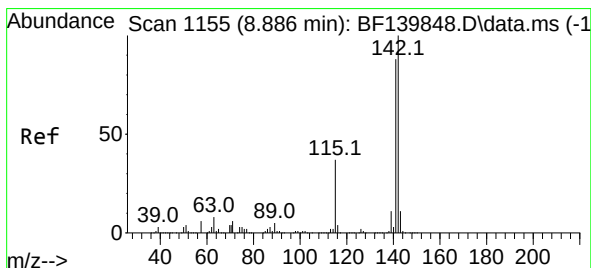
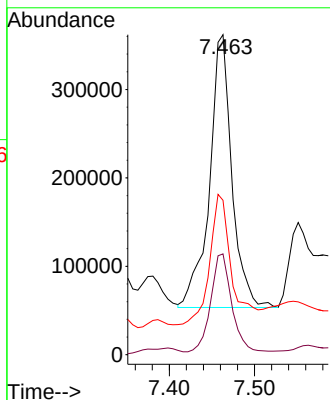
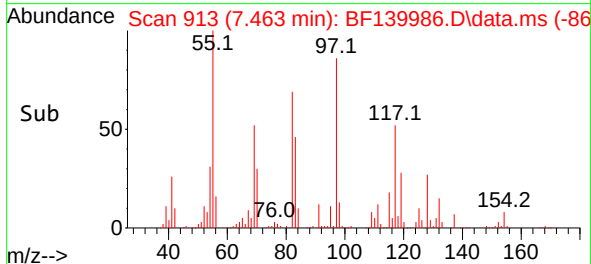
Instrument :
BNA_F
ClientSampleId :
RT-2675



Tgt Ion: 82 Resp: 563735
Ion Ratio Lower Upper
82 100
128 31.5 33.4 50.0
54 48.3 47.8 71.8

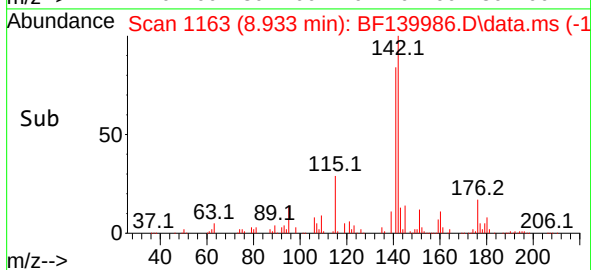
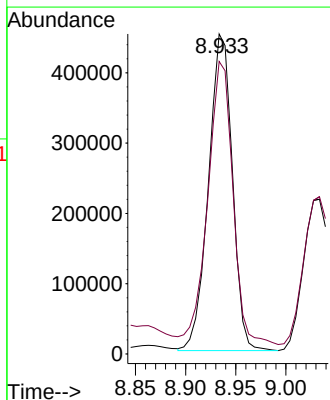
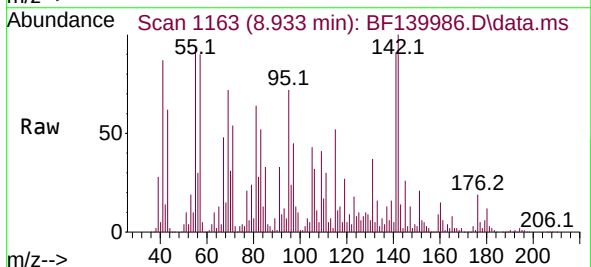
Manual Integrations
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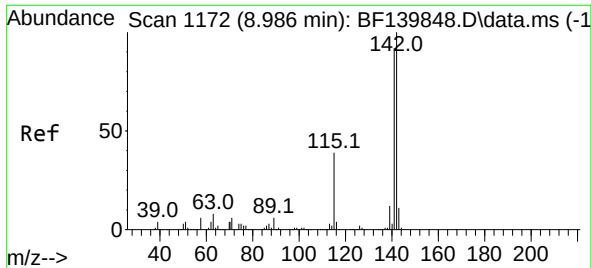
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#37
2-Methylnaphthalene
Concen: 218.334 ng
RT: 8.933 min Scan# 1163
Delta R.T. 0.047 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

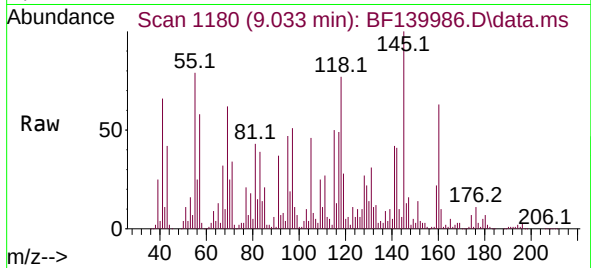
Tgt Ion:142 Resp: 746511
Ion Ratio Lower Upper
142 100
141 91.4 70.8 106.2





#38
1-Methylnaphthalene
Concen: 131.500 ng
RT: 9.033 min Scan# 1172
Delta R.T. 0.047 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

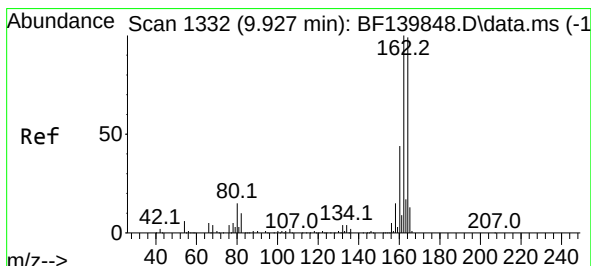
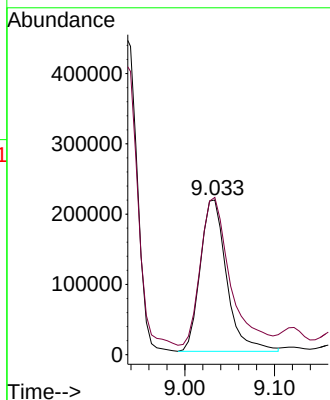
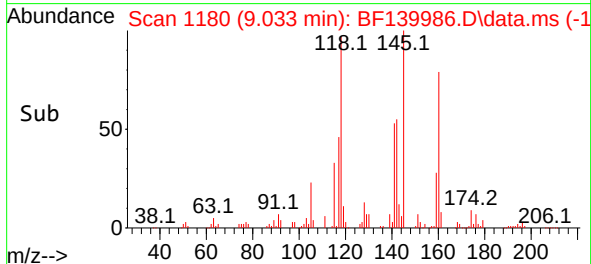
Instrument :
BNA_F
ClientSampleId :
RT-2675



Tgt Ion:142 Resp: 441124
Ion Ratio Lower Upper
142 100
141 101.7 73.5 110.3

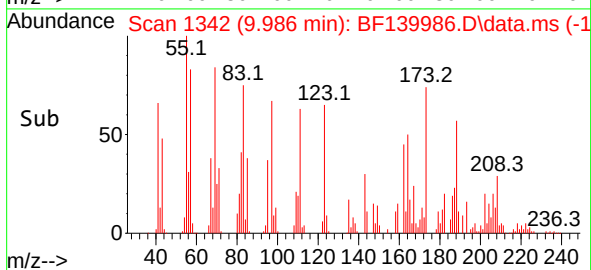
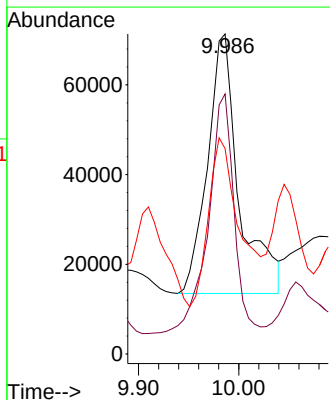
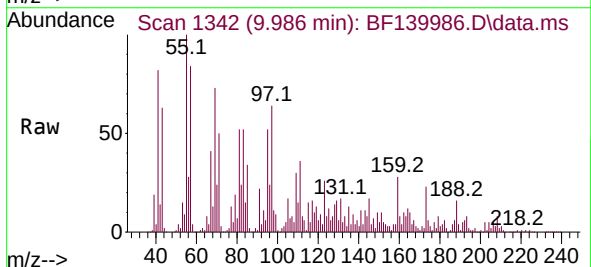
Manual Integrations
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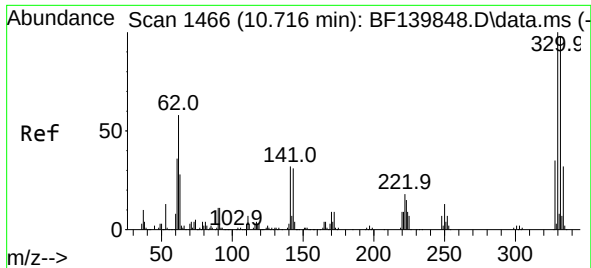
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.059 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

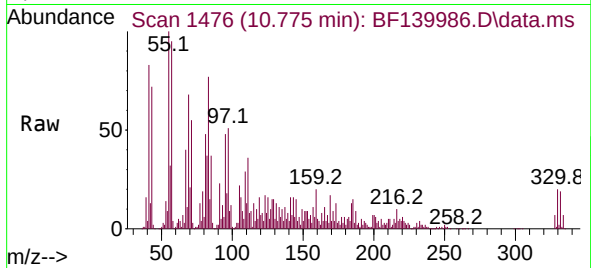
Tgt Ion:164 Resp: 126425
Ion Ratio Lower Upper
164 100
162 81.3 81.0 121.4
160 64.1 35.4 53.0#





#42
2,4,6-Tribromophenol
Concen: 118.287 ng
RT: 10.775 min Scan# 1466
Delta R.T. 0.059 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

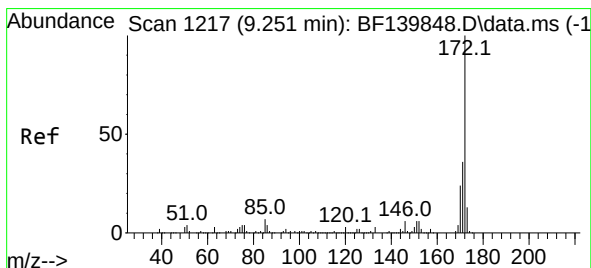
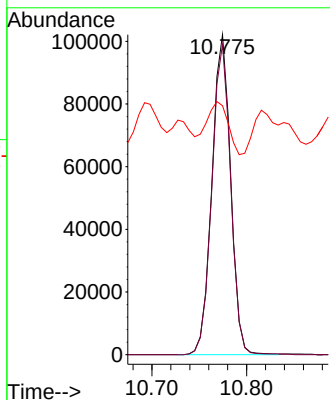
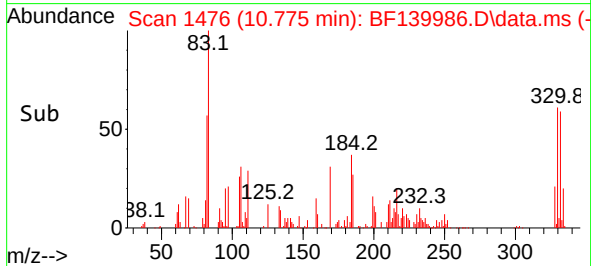
Instrument :
BNA_F
ClientSampleId :
RT-2675



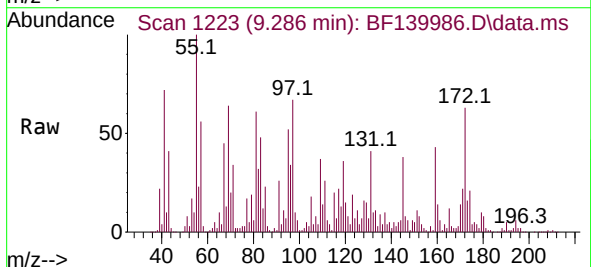
Tgt Ion: 330 Resp: 139875
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 19.4 26.6 39.8

Manual Integrations
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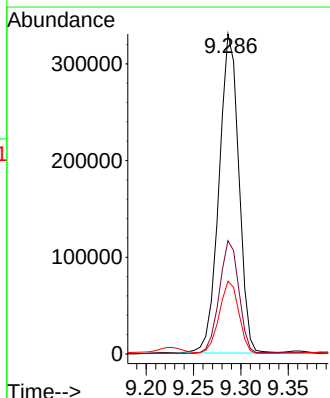
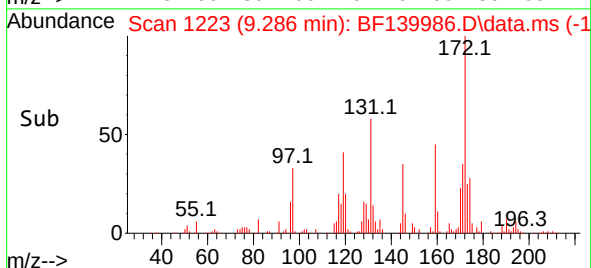
Reviewed By :Jagrut Upadhyay 10/24/2024
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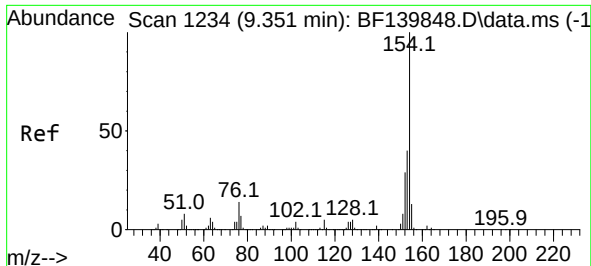


#45
2-Fluorobiphenyl
Concen: 62.932 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.035 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37



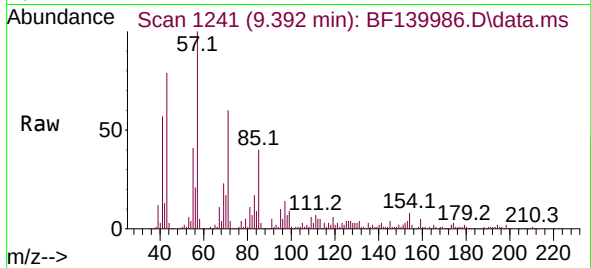
Tgt Ion: 172 Resp: 481405
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 22.8 19.1 28.7





#46
1,1'-Biphenyl
Concen: 21.510 ng
RT: 9.392 min Scan# 1595
Delta R.T. 0.041 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

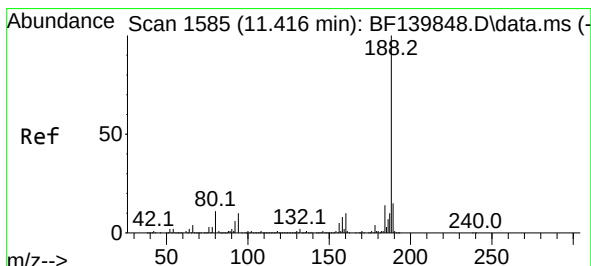
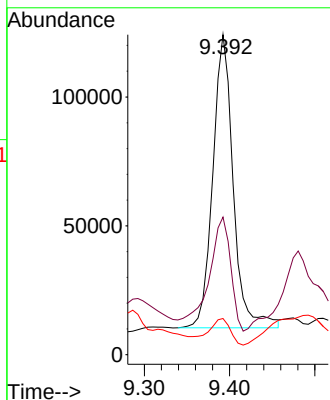
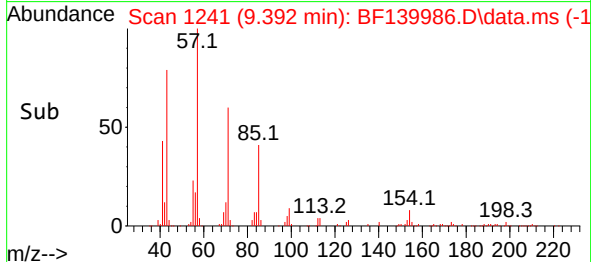
Instrument :
BNA_F
ClientSampleId :
RT-2675



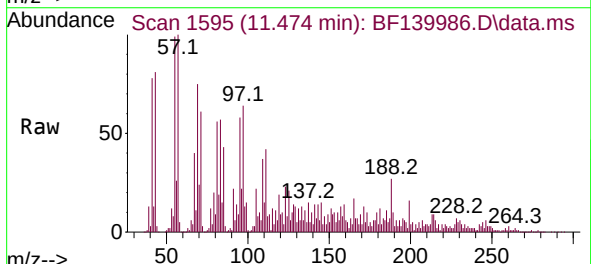
Tgt Ion:154 Resp: 189310
Ion Ratio Lower Upper
154 100
153 43.0 20.3 60.3
76 11.3 0.0 33.9

Manual Integrations
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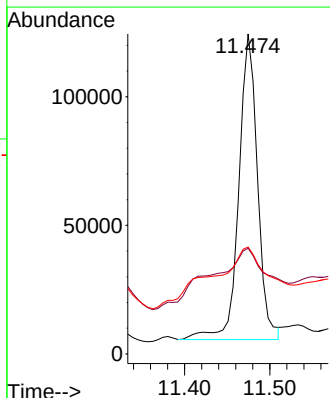
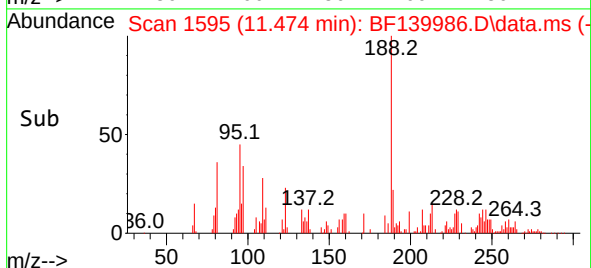
Reviewed By :Jagrut Upadhyay 10/24/2024
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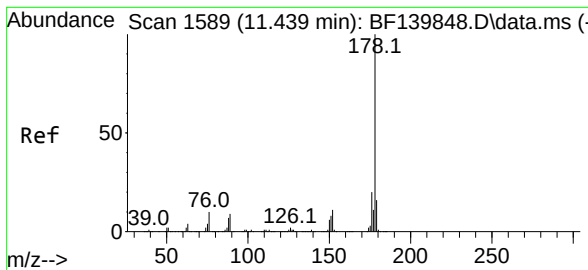


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1595
Delta R.T. 0.059 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37



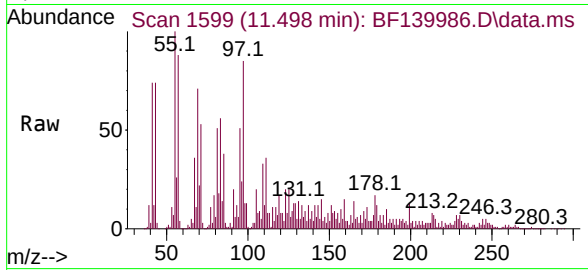
Tgt Ion:188 Resp: 181889
Ion Ratio Lower Upper
188 100
94 33.0 7.9 11.9#
80 33.4 9.0 13.4#





#71
Phenanthrene
Concen: 16.683 ng
RT: 11.498 min Scan# 11498
Delta R.T. 0.059 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

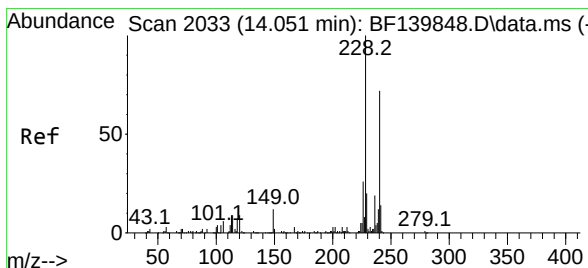
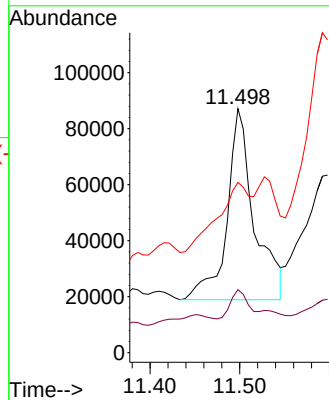
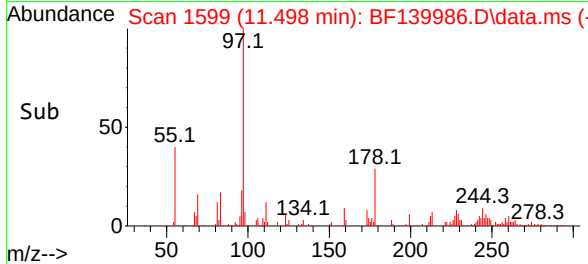
Instrument :
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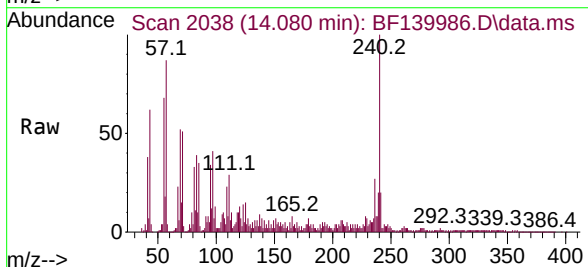
Tgt Ion:178 Resp: 143330
Ion Ratio Lower Upper
178 100
176 25.9 15.8 23.6
179 69.8 12.6 18.8

Manual Integrations
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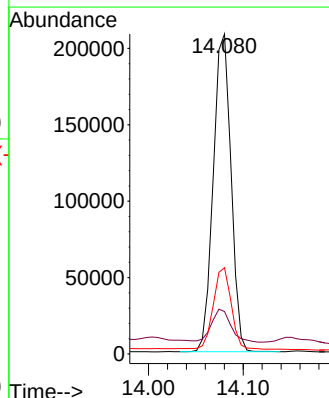
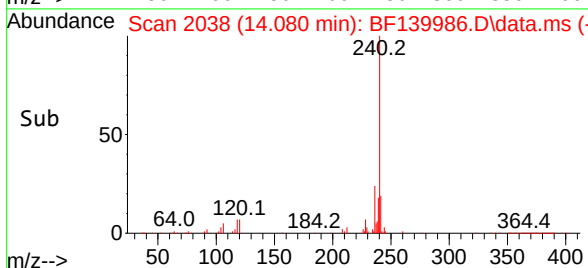
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

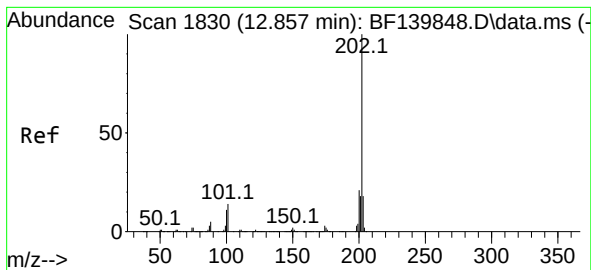


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2038
Delta R.T. 0.029 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37



Tgt Ion:240 Resp: 271082
Ion Ratio Lower Upper
240 100
120 13.3 9.4 14.2
236 26.9 20.9 31.3





#78

Pyrene

Concen: 10.653 ng m

RT: 12.910 min Scan# 1839

Delta R.T. 0.053 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675

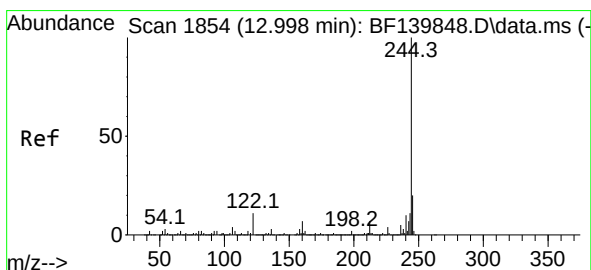
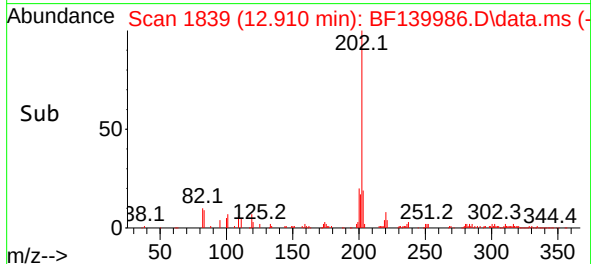
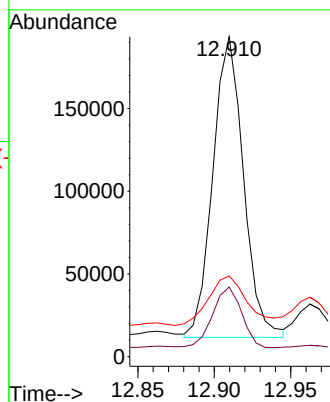
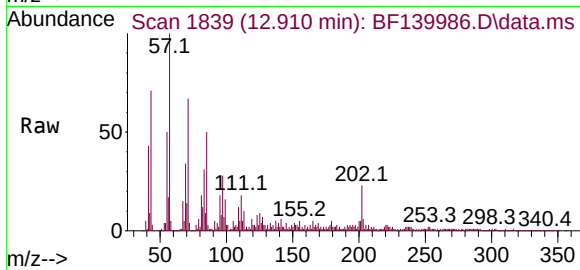
Tgt Ion:202 Resp: 252780

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	25.3	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#79

Terphenyl-d14

Concen: 44.083 ng

RT: 13.039 min Scan# 1861

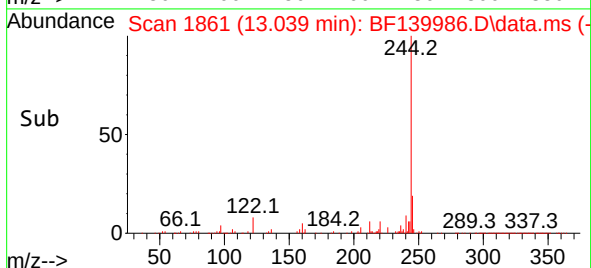
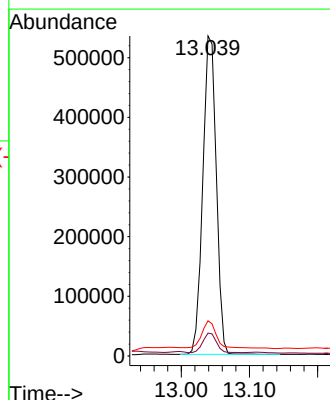
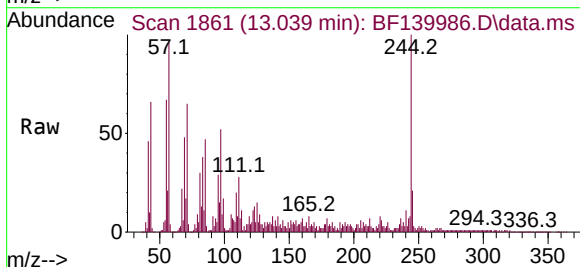
Delta R.T. 0.041 min

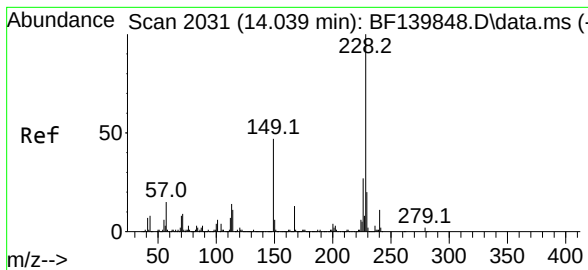
Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Tgt Ion:244 Resp: 733363

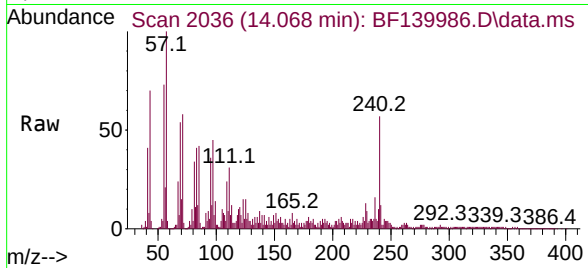
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.0	8.6	13.0





#81
Benzo(a)anthracene
Concen: 2.160 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.029 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

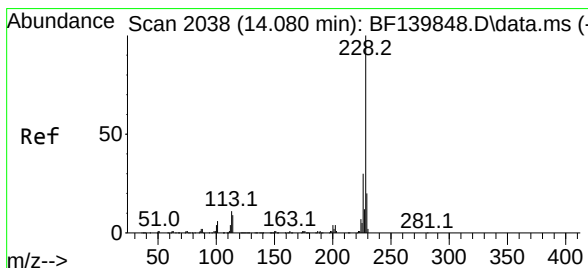
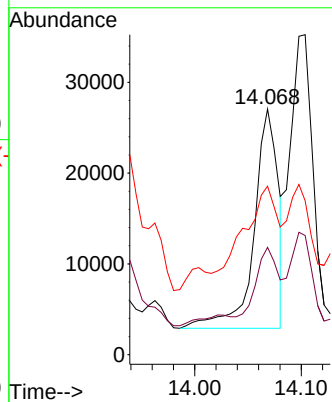
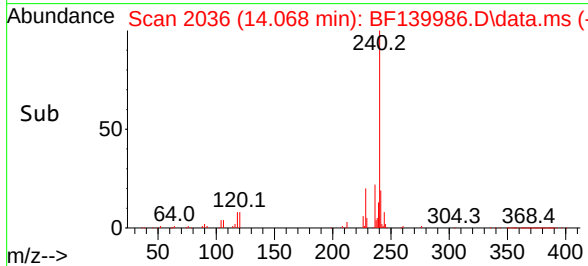
Instrument :
BNA_F
ClientSampleId :
RT-2675



Tgt Ion:228 Resp: 38114
Ion Ratio Lower Upper
228 100
226 43.7 21.6 32.4#
229 68.6 16.1 24.1#

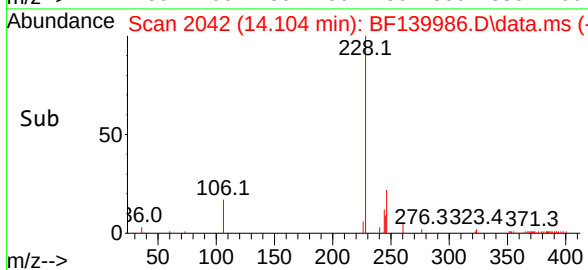
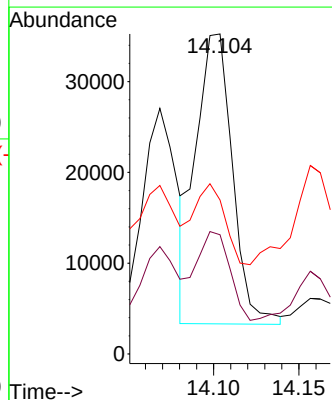
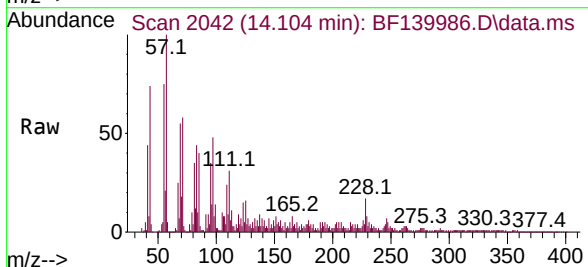
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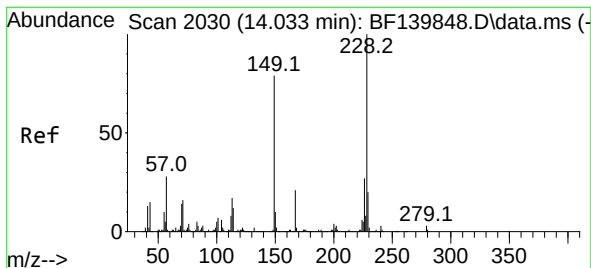
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#83
Chrysene
Concen: 2.953 ng
RT: 14.104 min Scan# 2042
Delta R.T. 0.024 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

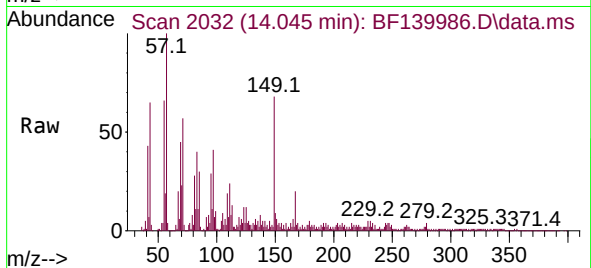
Tgt Ion:228 Resp: 47776
Ion Ratio Lower Upper
228 100
226 37.2 24.1 36.1#
229 48.1 15.8 23.6#





#84
Bis(2-ethylhexyl)phthalate
Concen: 26.609 ng
RT: 14.045 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

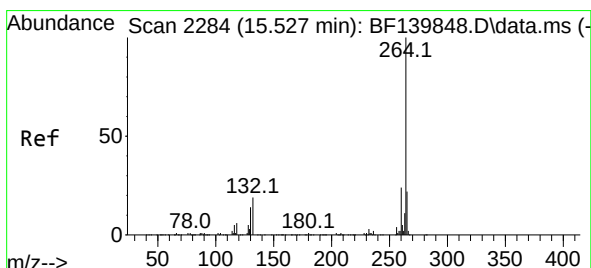
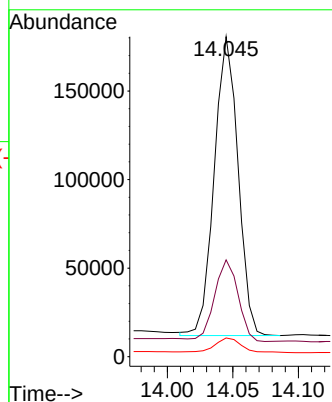
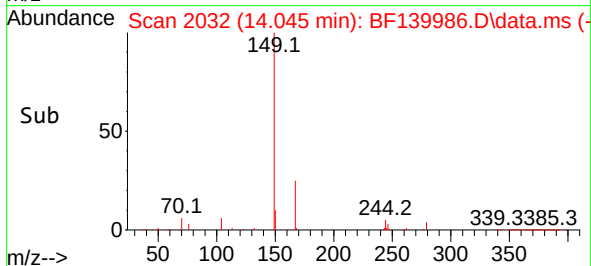
Instrument :
BNA_F
ClientSampleId :
RT-2675



Tgt Ion:149 Resp: 212379
Ion Ratio Lower Upper
149 100
167 30.3 21.4 32.0
279 5.9 3.0 4.4

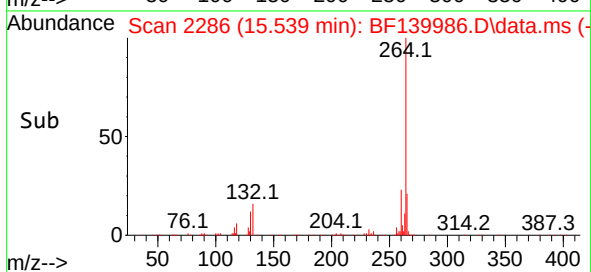
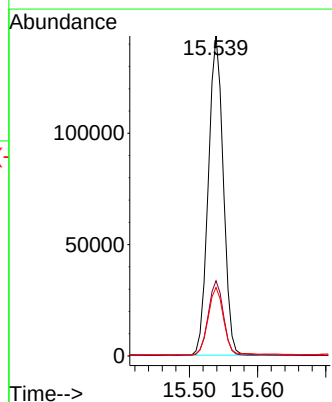
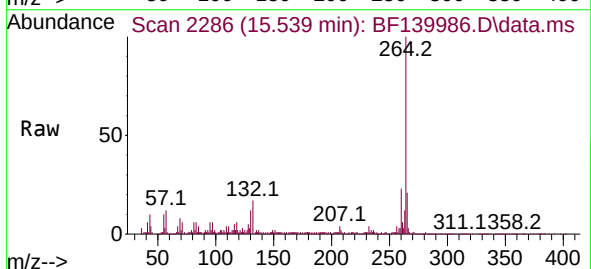
Manual Integrations
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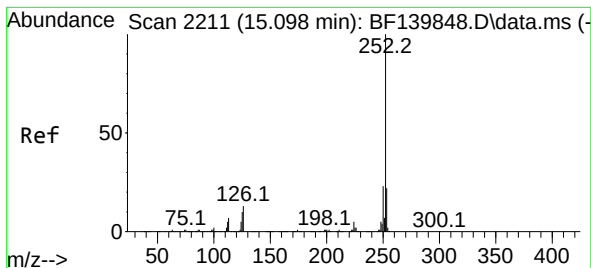
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. 0.012 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion:264 Resp: 219040
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.4 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 3.937 ng m

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675

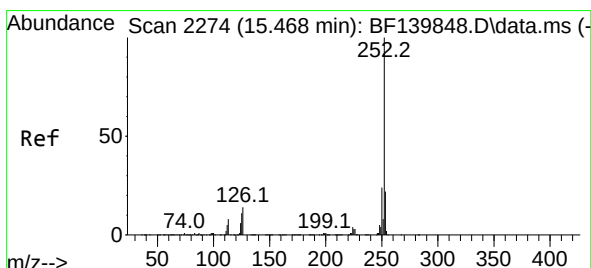
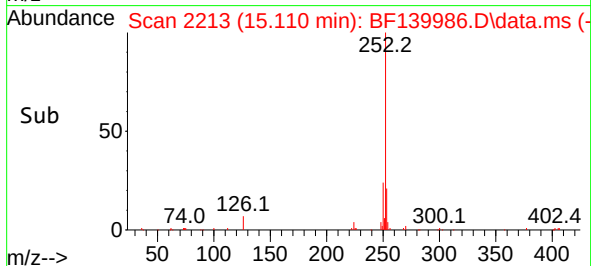
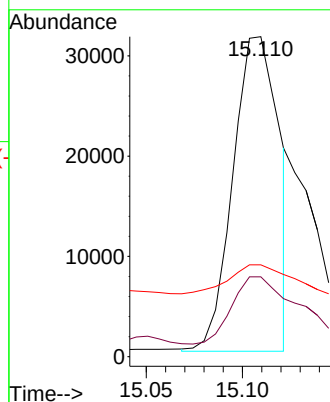
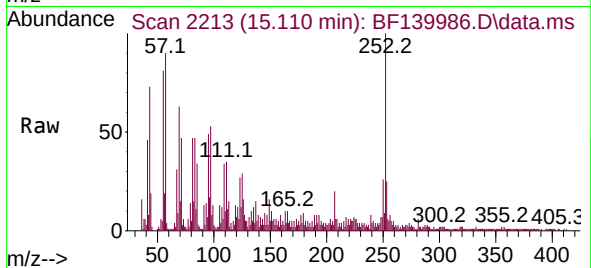
Tgt Ion:252 Resp: 5253

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.6	26.4
125	28.7	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#90

Benzo(a)pyrene

Concen: 2.421 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Tgt Ion:252 Resp: 26580

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.3	25.9#
125	30.8	8.7	13.1#

