

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137332.D
 Acq On : 07 Feb 2024 21:02
 Operator : CG\JU
 Sample : P1372-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CG-MW-17-ch4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/08/2024
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 08 01:10:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	52575	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	138766	20.000	ng	# 0.02
39) Acenaphthene-d10	9.822	164	94813	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	150365	20.000	ng	0.00
76) Chrysene-d12	13.962	240	141907	20.000	ng	-0.01
86) Perylene-d12	15.445	264	128908	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	186843	58.641	ng	0.00
7) Phenol-d6	6.422	99	156205	34.353	ng	0.00
23) Nitrobenzene-d5	7.357	82	425806	137.383	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	142768	133.332	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	674360	97.774	ng	0.00
79) Terphenyl-d14	12.910	244	707485	67.776	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.434	94	38830	7.650	ng	97
20) 3+4-Methylphenols	7.192	107	49705	13.192	ng	# 60
31) Naphthalene	8.169	128	19191255	2558.196	ng	95
37) 2-Methylnaphthalene	8.786	142	242079	48.133	ng	99
38) 1-Methylnaphthalene	8.898	142	2194661	469.814	ng	100
46) 1,1'-Biphenyl	9.245	154	247494	32.808	ng	98
49) Acenaphthylene	9.686	152	606936	67.910	ng	99
52) Acenaphthene	9.863	154	530960	101.083	ng	99
58) Fluorene	10.380	166	16426m	2.507	ng	
71) Phenanthrene	11.333	178	190339	24.180	ng	99
72) Anthracene	11.386	178	24531	2.990	ng	98
73) Carbazole	11.545	167	93083	13.575	ng	97

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

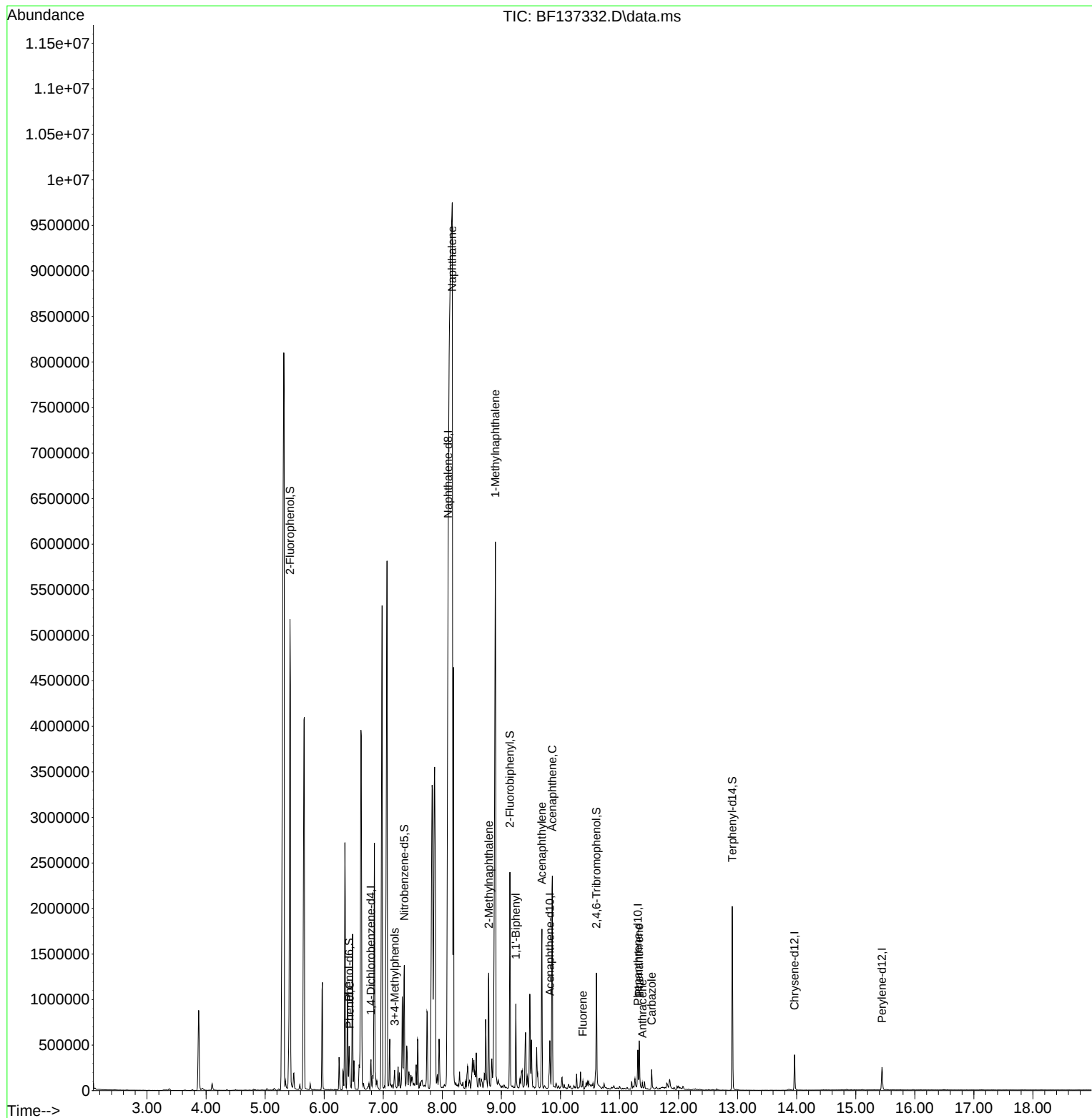
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
Data File : BF137332.D
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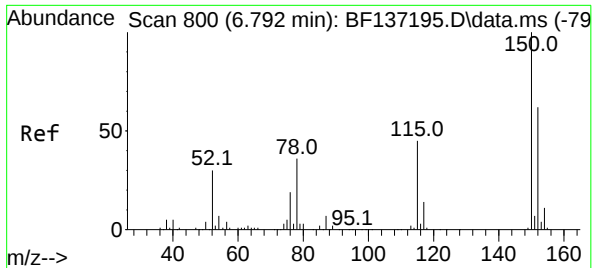
Instrument :
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Quant Time: Feb 08 01:10:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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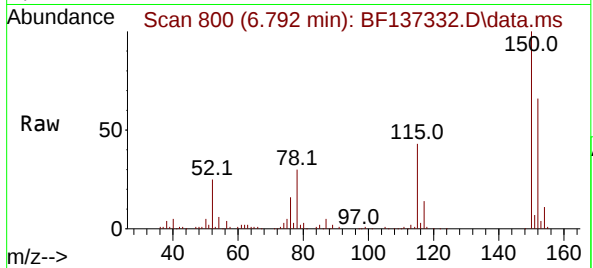
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

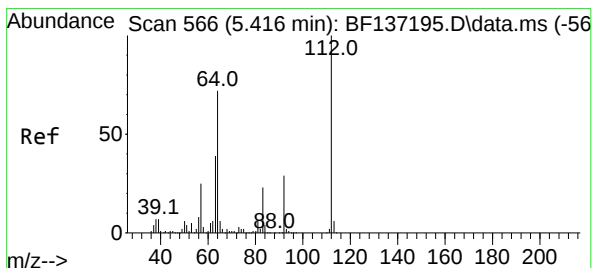
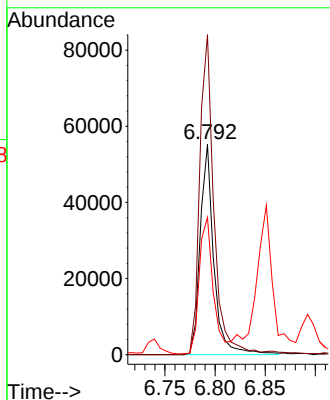
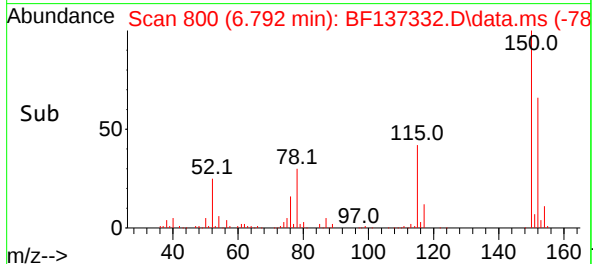
Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch4



Tgt Ion:152 Resp: 5257
Ion Ratio Lower Upper
152 100
150 152.2 129.8 194.8
115 65.3 58.5 87.7

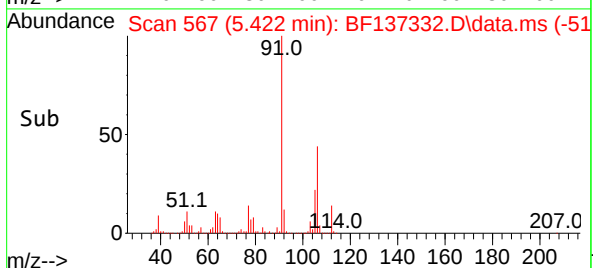
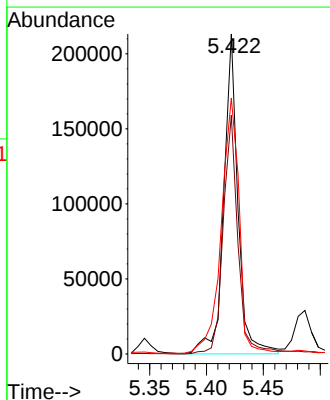
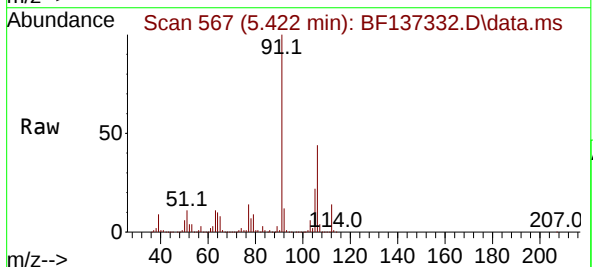
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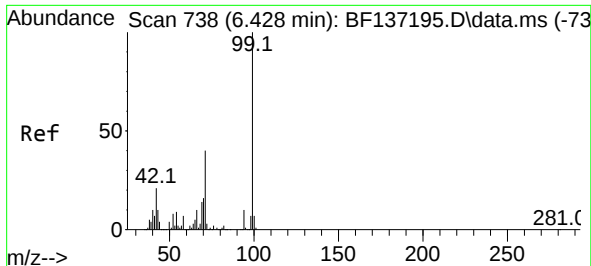
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Supervised By :mohammad ahmed 02/09/2024



#5
2-Fluorophenol
Concen: 58.641 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

Tgt Ion:112 Resp: 186843
Ion Ratio Lower Upper
112 100
64 74.5 57.8 86.6
63 80.0 31.4 47.0#





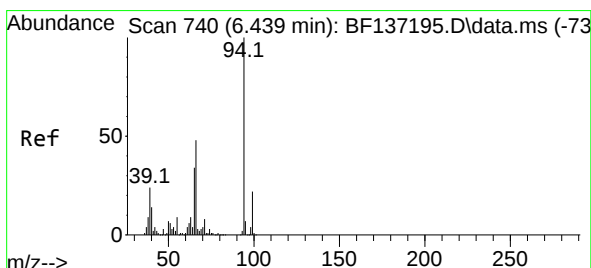
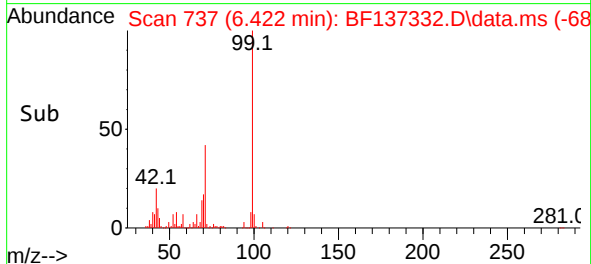
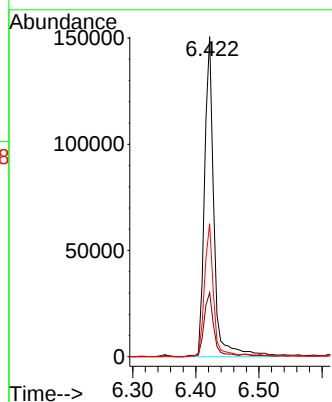
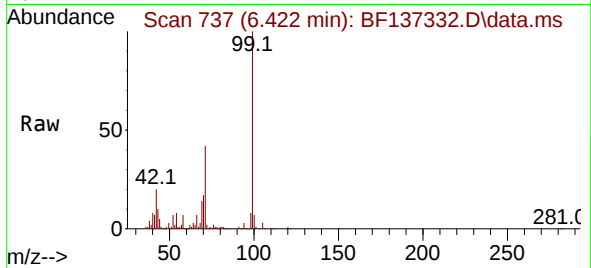
#7
Phenol-d6
Concen: 34.353 ng
RT: 6.422 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch4

Tgt Ion: 99 Resp: 15620
Ion Ratio Lower Upper
99 100
42 20.0 16.4 24.6
71 41.5 32.4 48.6

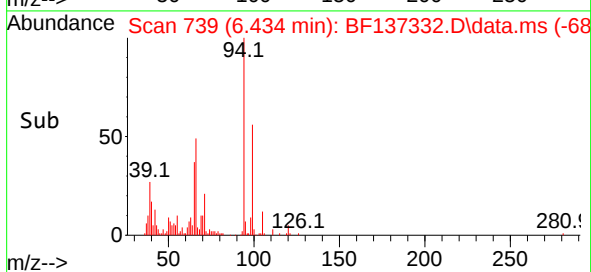
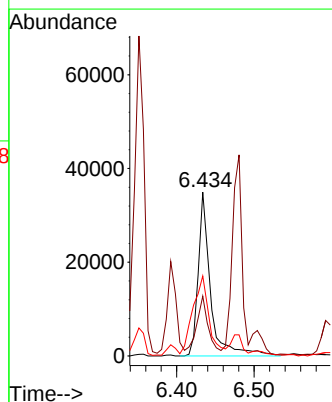
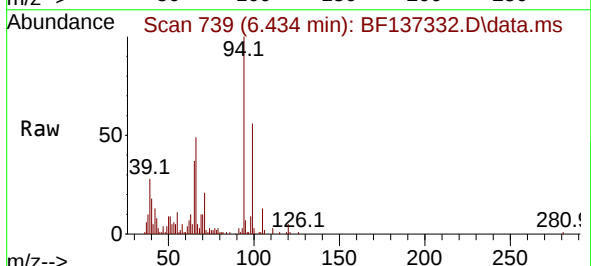
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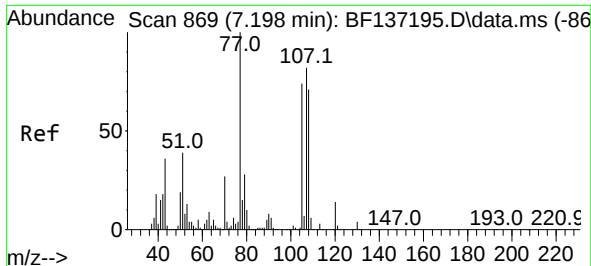
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#10
Phenol
Concen: 7.650 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.005 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

Tgt Ion: 94 Resp: 38830
Ion Ratio Lower Upper
94 100
65 36.5 13.7 53.7
66 48.8 27.8 67.8





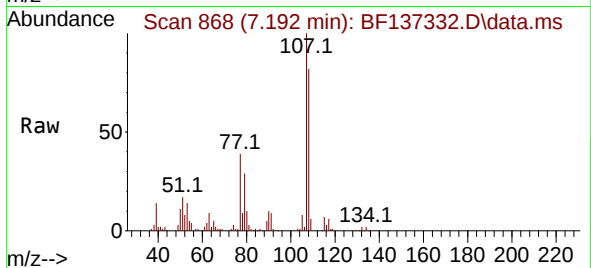
#20
3+4-Methylphenols
Concen: 13.192 ng
RT: 7.192 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

Instrument :

BNA_F

ClientSampleId :

CG-MW-17-ch4

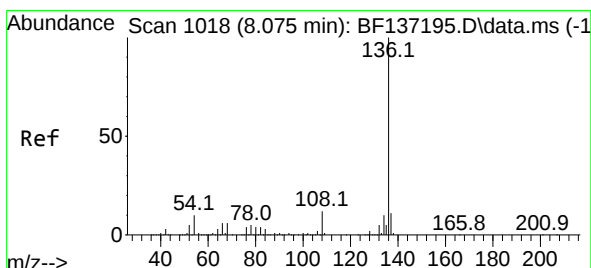
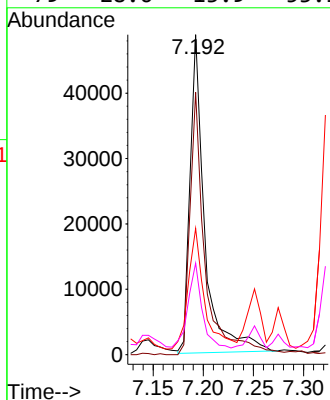
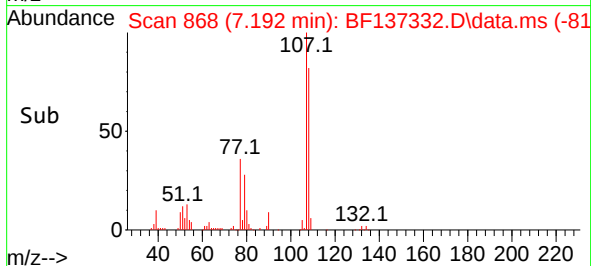


Tgt Ion:107 Resp: 4970
Ion Ratio Lower Upper
107 100
108 82.0 66.3 106.3
77 39.5 101.4 141.4
79 28.6 13.9 53.9

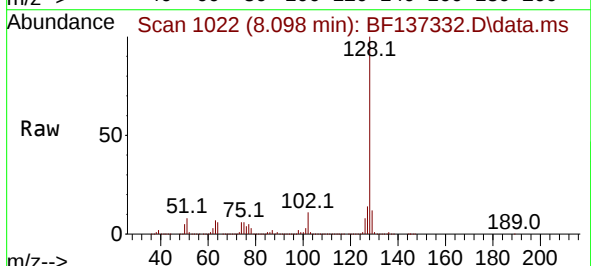
Manual Integrations

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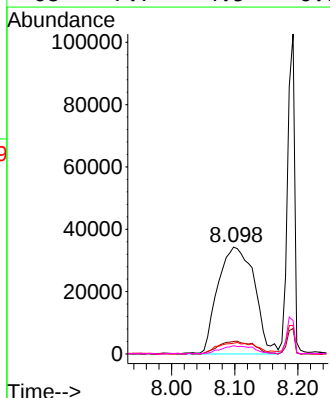
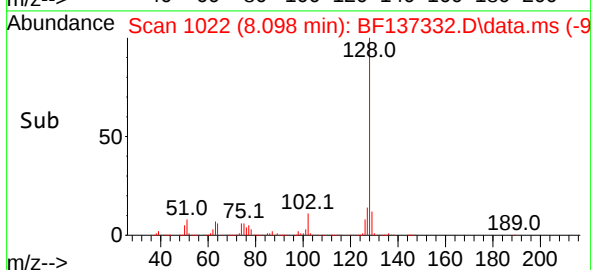
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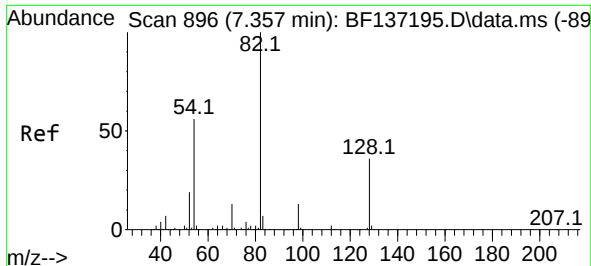


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.023 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02



Tgt Ion:136 Resp: 138766
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 10.0 7.8 11.8
68 7.7 4.5 6.7#





#23
Nitrobenzene-d5
Concen: 137.383 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

Instrument :

BNA_F

ClientSampleId :

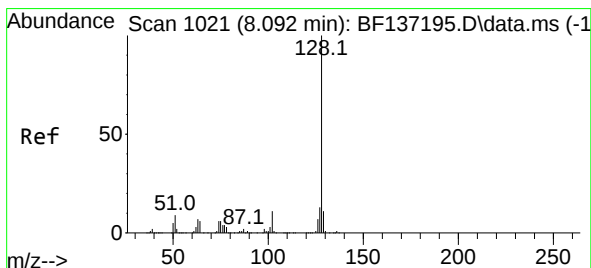
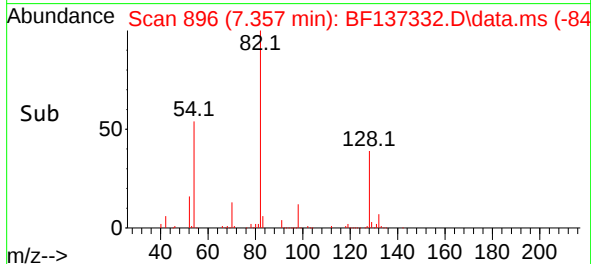
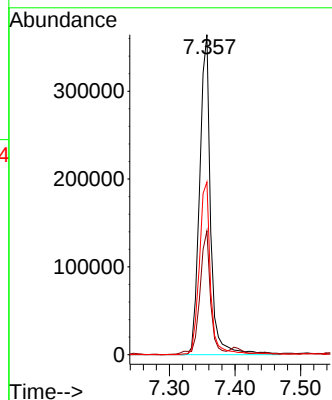
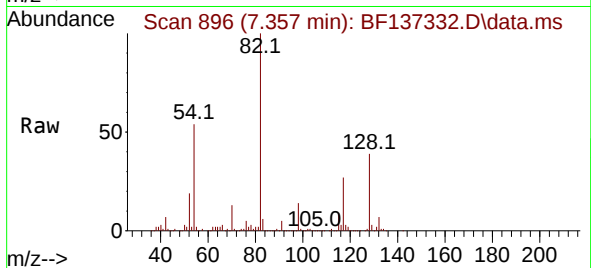
CG-MW-17-ch4

Tgt Ion: 82 Resp: 425800
Ion Ratio Lower Upper
82 100
128 38.7 29.1 43.7
54 54.0 45.0 67.6

Manual Integrations

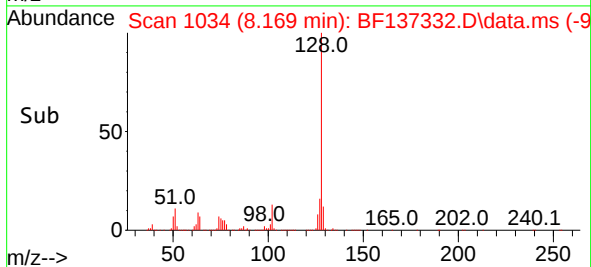
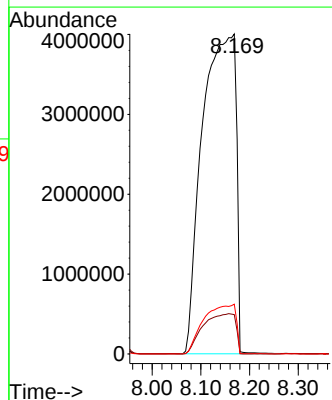
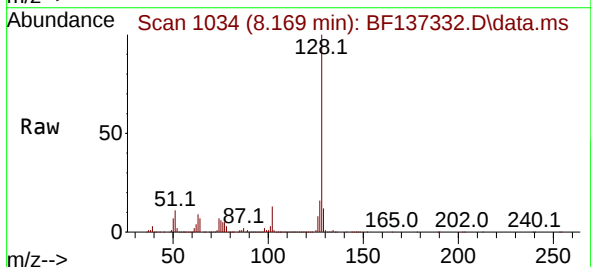
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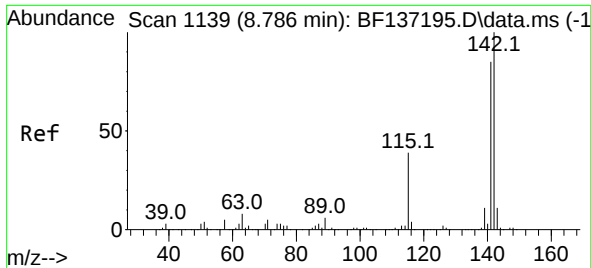
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#31
Naphthalene
Concen: 2558.196 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.076 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

Tgt Ion:128 Resp:19191255
Ion Ratio Lower Upper
128 100
129 12.3 8.5 12.7
127 15.6 10.5 15.7





#37
2-Methylnaphthalene
Concen: 48.133 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

Instrument :

BNA_F

ClientSampleId :

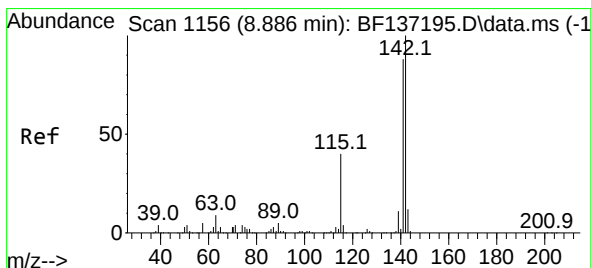
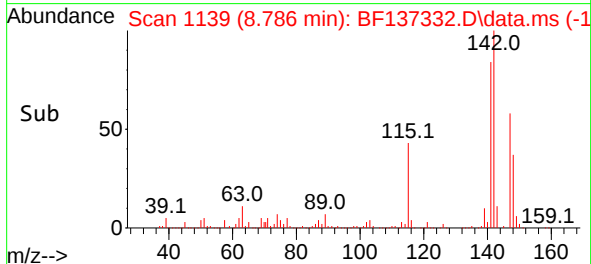
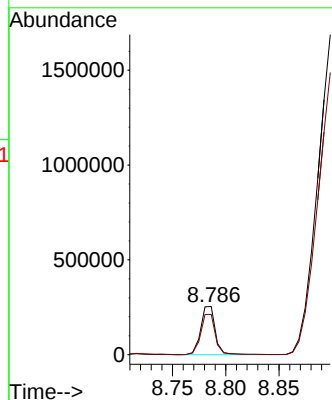
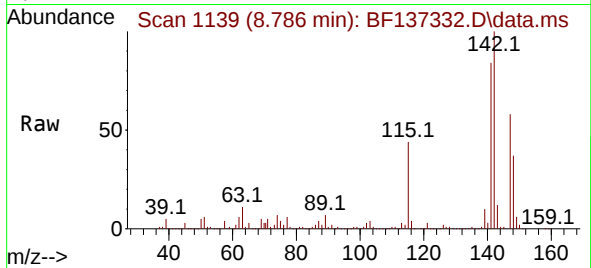
CG-MW-17-ch4

Tgt Ion:142 Resp: 242079
Ion Ratio Lower Upper
142 100
141 83.7 67.8 101.8

Manual Integrations

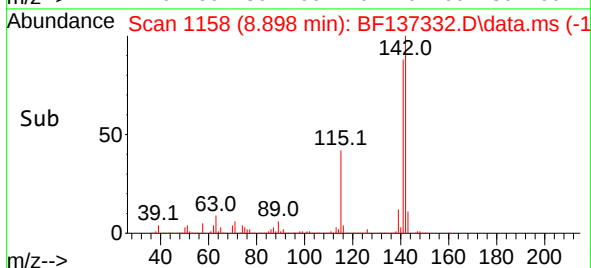
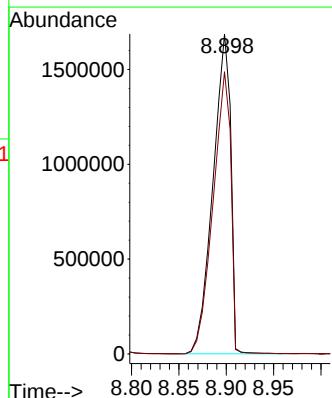
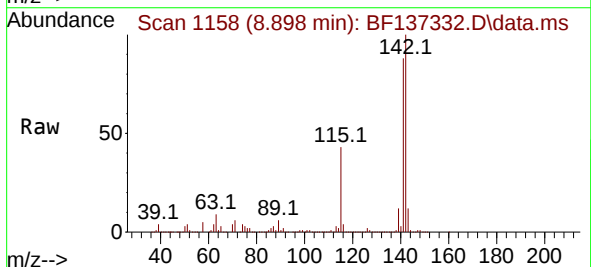
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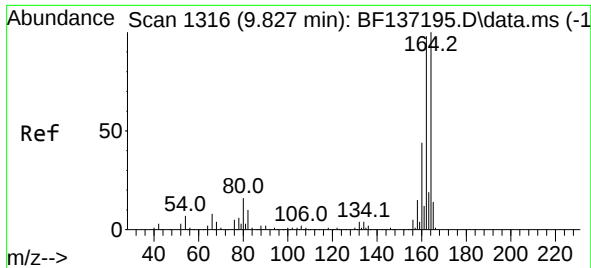
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#38
1-Methylnaphthalene
Concen: 469.814 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.012 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

Tgt Ion:142 Resp: 2194661
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

Instrument :

BNA_F

ClientSampleId :

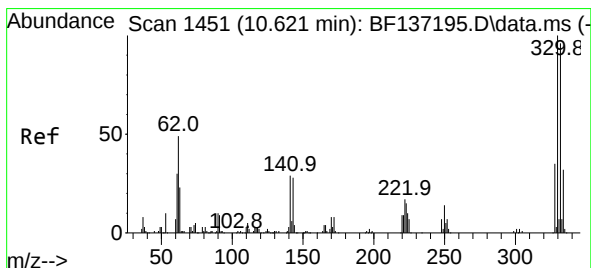
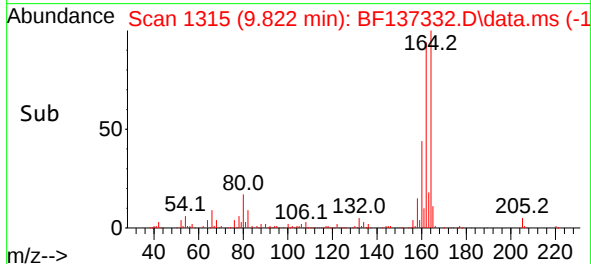
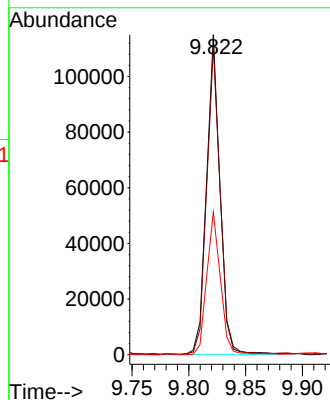
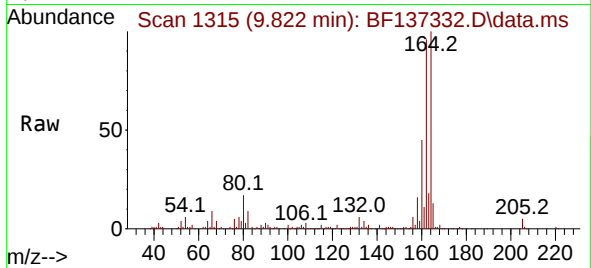
CG-MW-17-ch4

Tgt Ion:164 Resp: 9481
Ion Ratio Lower Upper
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162 96.1 78.3 117.5
160 44.6 35.4 53.2

Manual Integrations

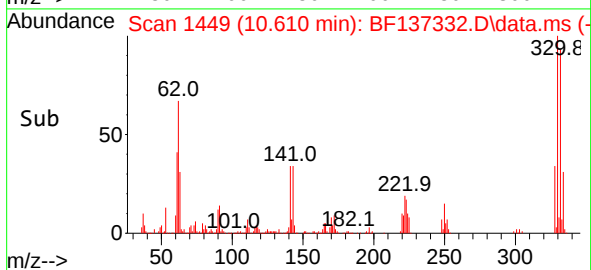
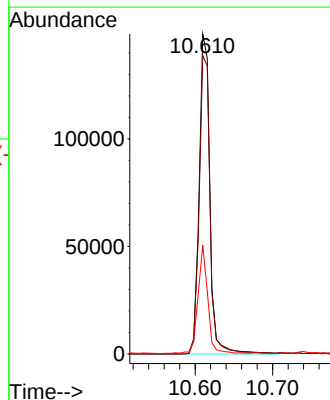
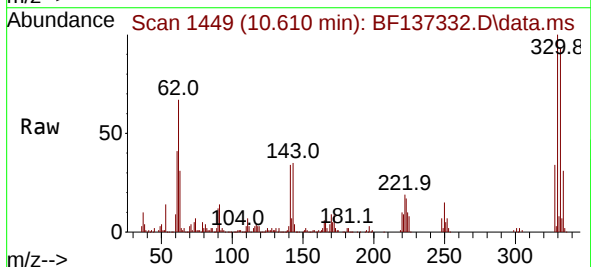
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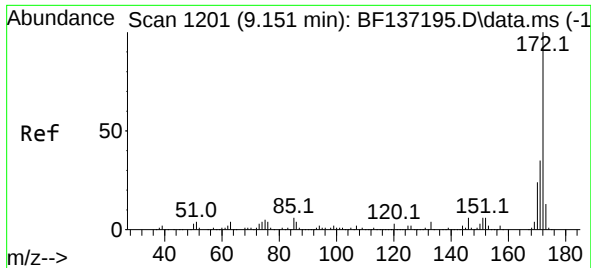
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#42
2,4,6-Tribromophenol
Concen: 133.332 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

Tgt Ion:330 Resp: 142768
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 30.9 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 97.774 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

Instrument :

BNA_F

ClientSampleId :

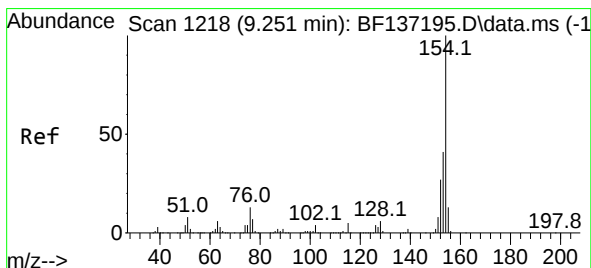
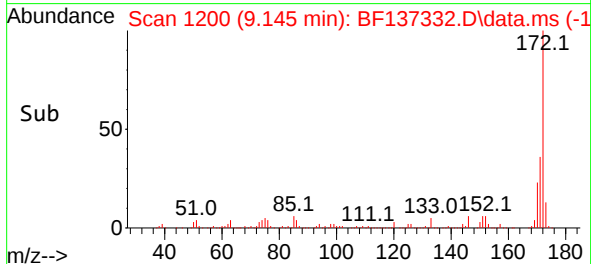
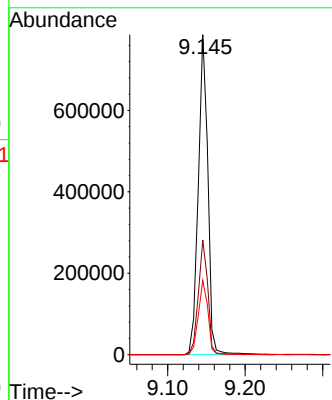
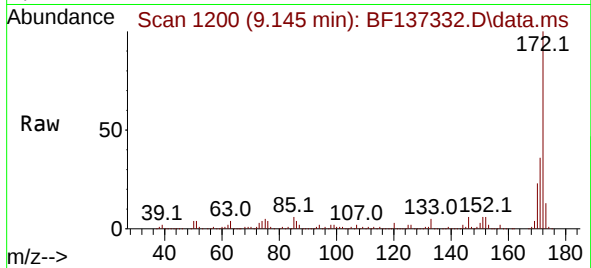
CG-MW-17-ch4

Tgt Ion:172 Resp: 674360
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.2 19.1 28.7

Manual Integrations

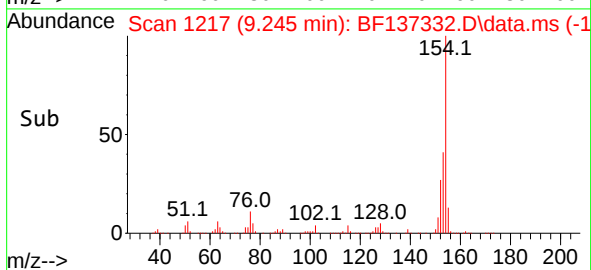
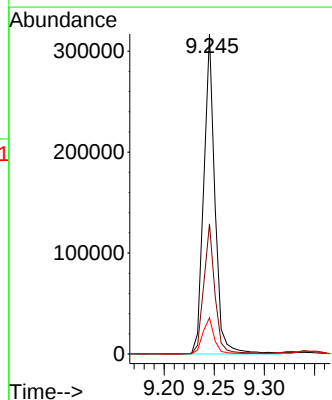
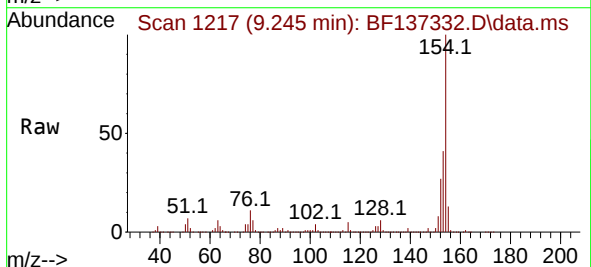
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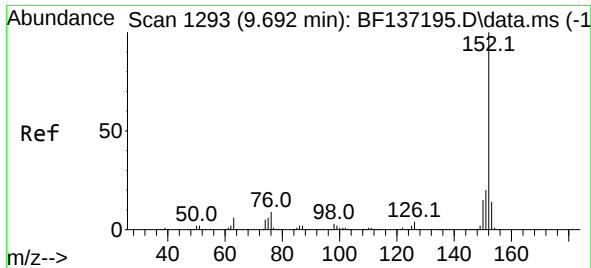
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#46
1,1'-Biphenyl
Concen: 32.808 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

Tgt Ion:154 Resp: 247494
Ion Ratio Lower Upper
154 100
153 40.6 21.2 61.2
76 11.3 0.0 33.0





#49
Acenaphthylene
Concen: 67.910 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

Instrument :

BNA_F

ClientSampleId :

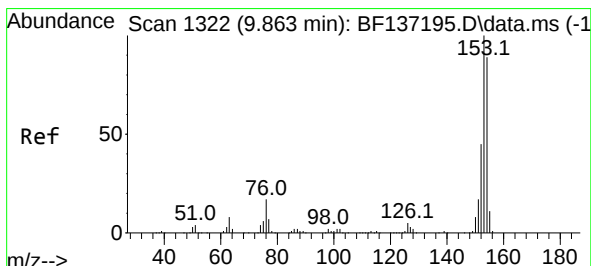
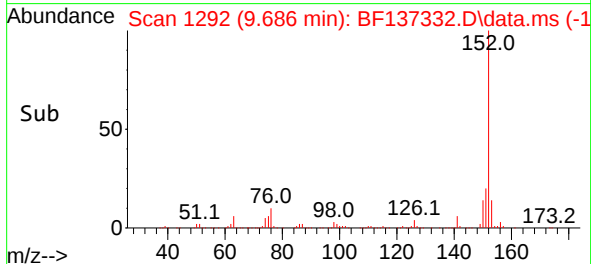
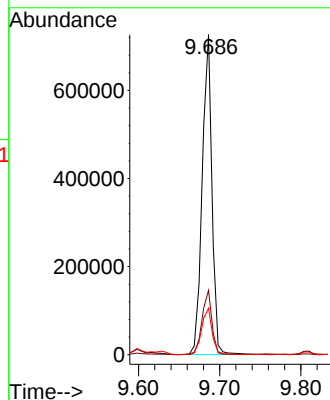
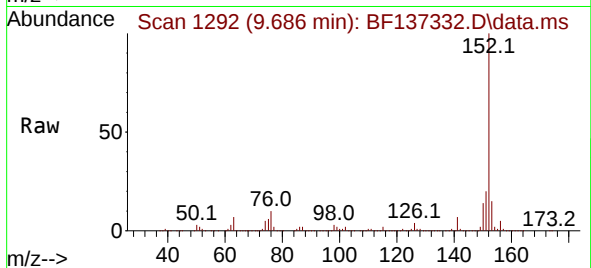
CG-MW-17-ch4

Tgt Ion:152 Resp: 606930
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 14.5 11.2 16.8

Manual Integrations

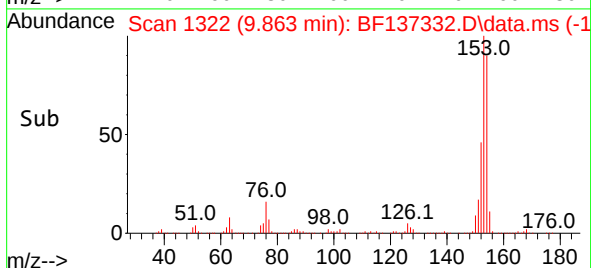
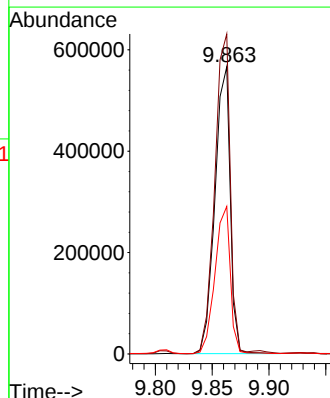
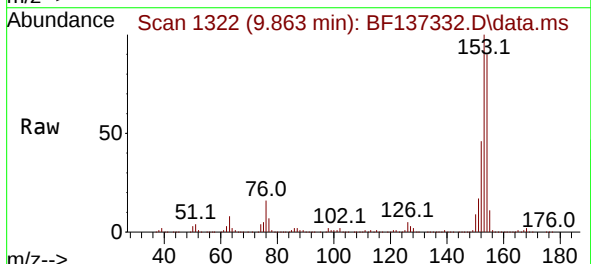
APPROVED

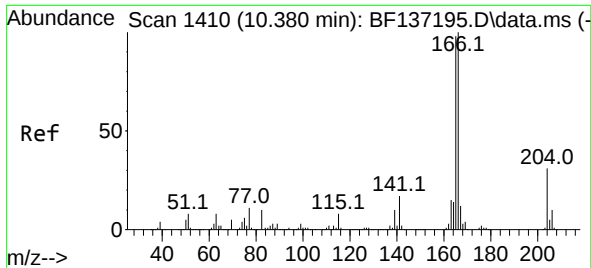
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#52
Acenaphthene
Concen: 101.083 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

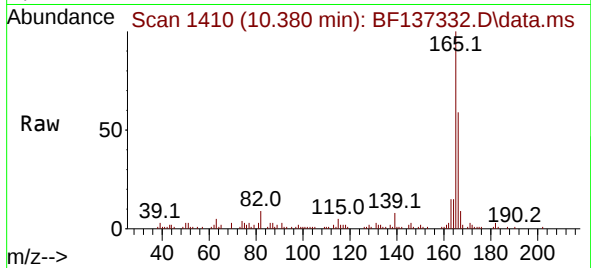
Tgt Ion:154 Resp: 530960
Ion Ratio Lower Upper
154 100
153 111.4 90.2 135.4
152 51.4 40.6 60.8





#58
Fluorene
Concen: 2.507 ng m
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

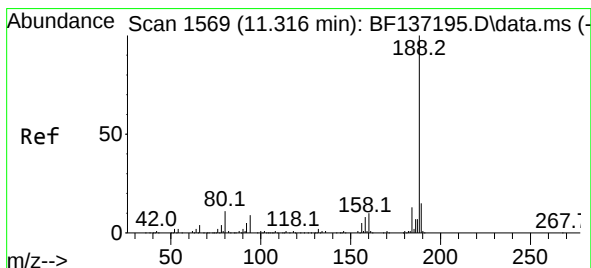
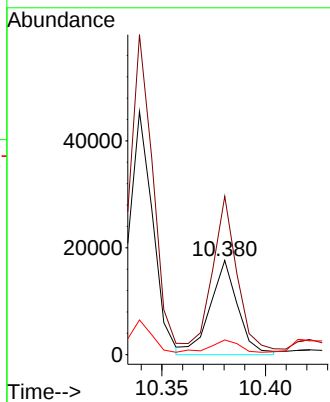
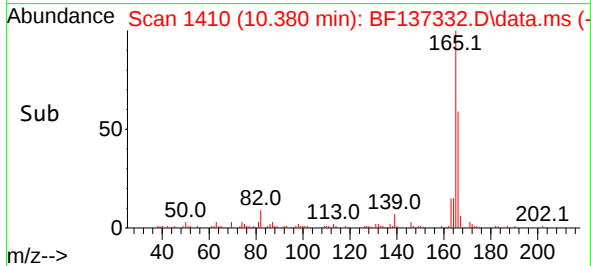
Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch4



Tgt Ion:166 Resp: 16420
Ion Ratio Lower Upper
166 100
165 168.2 78.5 117.7
167 15.7 10.0 15.0

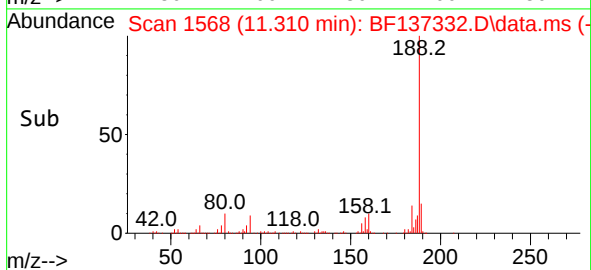
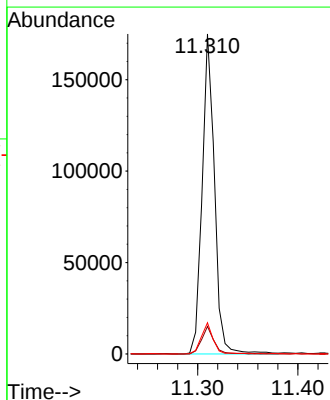
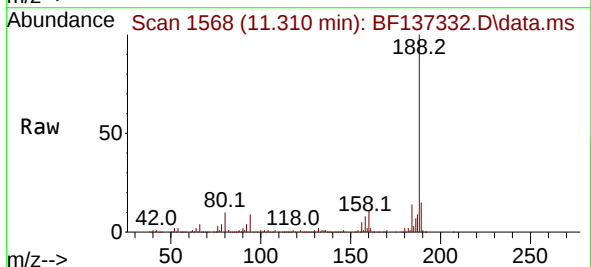
Manual Integrations
APPROVED

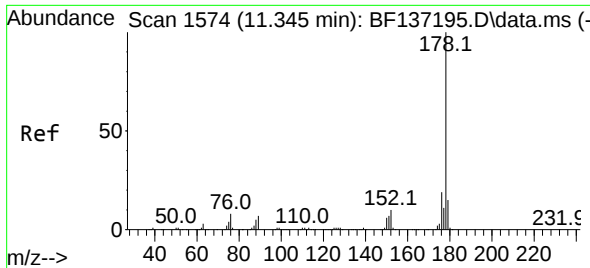
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

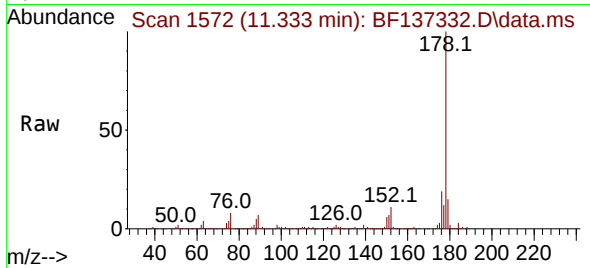
Tgt Ion:188 Resp: 150365
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.8 8.8 13.2





#71
Phenanthrene
Concen: 24.180 ng
RT: 11.333 min Scan# 1574
Delta R.T. -0.012 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

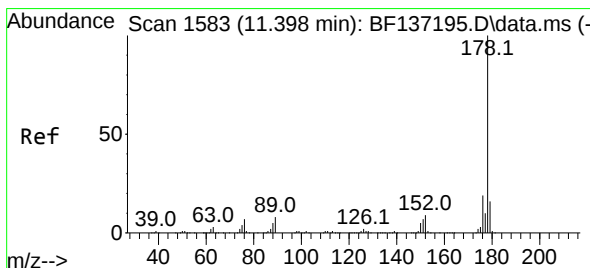
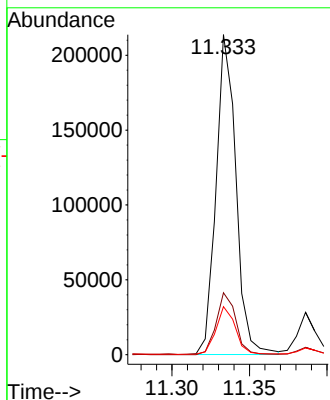
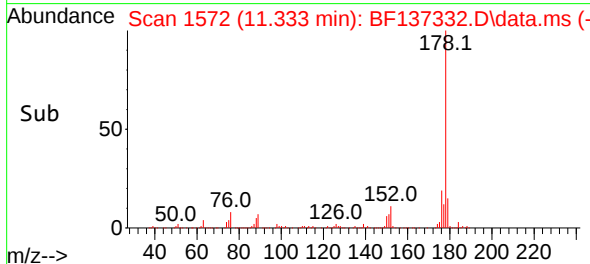
Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch4



Tgt Ion:178 Resp: 190339
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.0 12.1 18.1

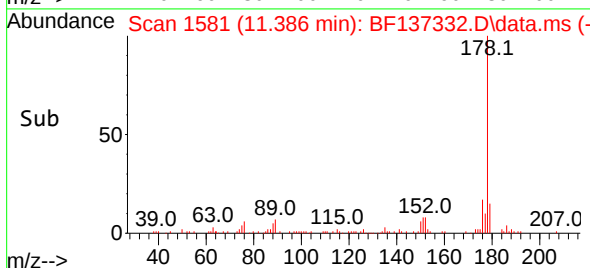
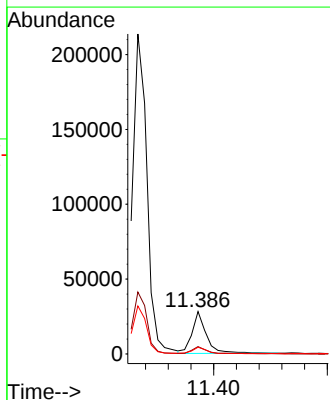
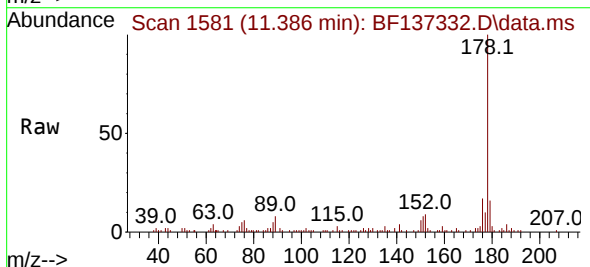
Manual Integrations
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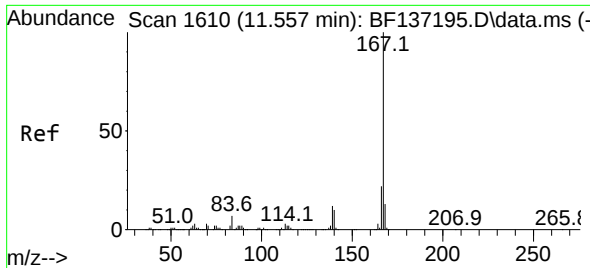
Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024



#72
Anthracene
Concen: 2.990 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF137332.D
Acq: 07 Feb 2024 21:02

Tgt Ion:178 Resp: 24531
Ion Ratio Lower Upper
178 100
176 17.4 15.3 22.9
179 15.8 12.7 19.1





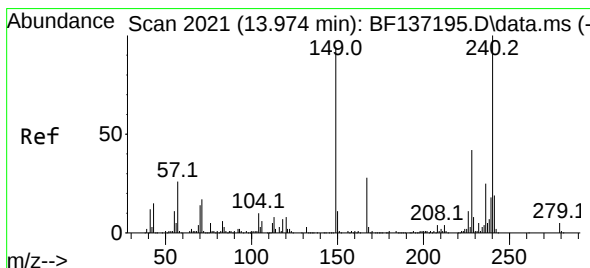
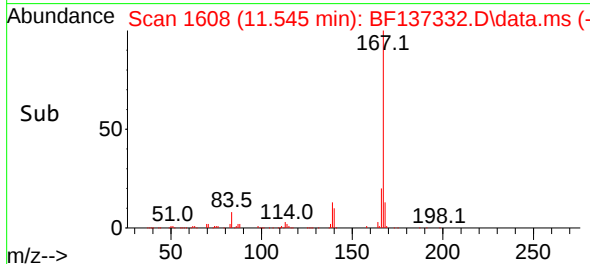
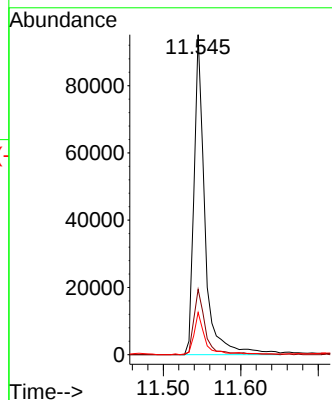
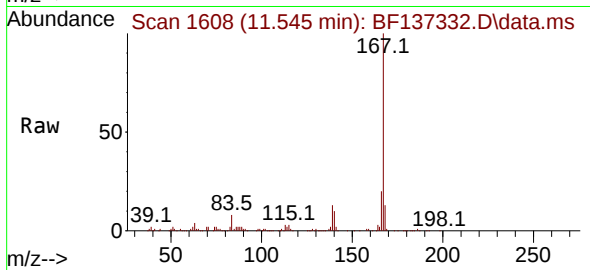
#73
 Carbazole
 Concen: 13.575 ng
 RT: 11.545 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF137332.D
 Acq: 07 Feb 2024 21:02

Instrument :
 BNA_F
 ClientSampleId :
 CG-MW-17-ch4

Tgt Ion:167 Resp: 9308
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.6 26.4
 139 13.2 9.7 14.5

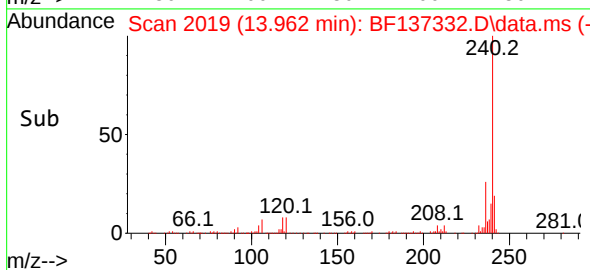
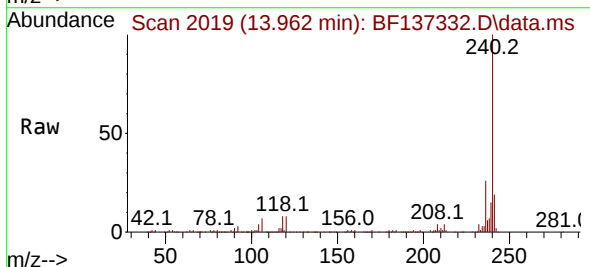
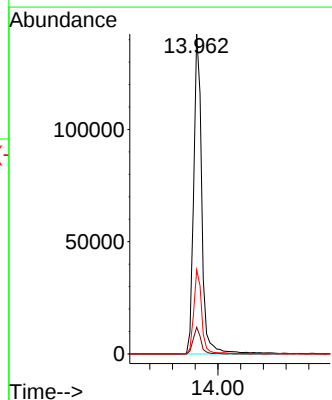
Manual Integrations
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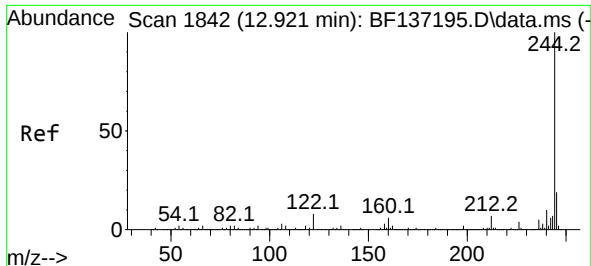
Reviewed By :Jagrut Upadhyay 02/08/2024
 Supervised By :mohammad ahmed 02/09/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.962 min Scan# 2019
 Delta R.T. -0.012 min
 Lab File: BF137332.D
 Acq: 07 Feb 2024 21:02

Tgt Ion:240 Resp: 141907
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.3 9.5
 236 26.3 20.3 30.5





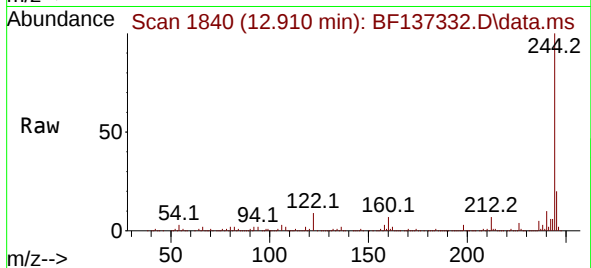
#79
 Terphenyl-d14
 Concen: 67.776 ng
 RT: 12.910 min Scan# 1842
 Delta R.T. -0.012 min
 Lab File: BF137332.D
 Acq: 07 Feb 2024 21:02

Instrument :

BNA_F

ClientSampleId :

CG-MW-17-ch4

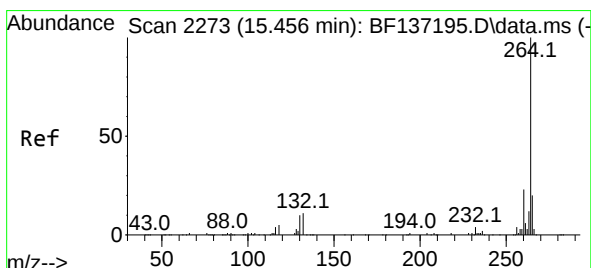
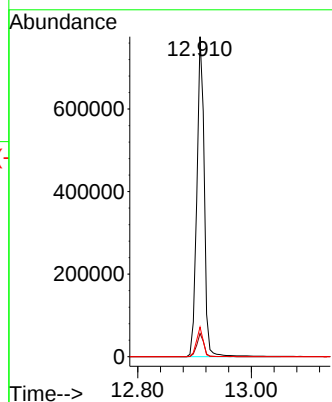
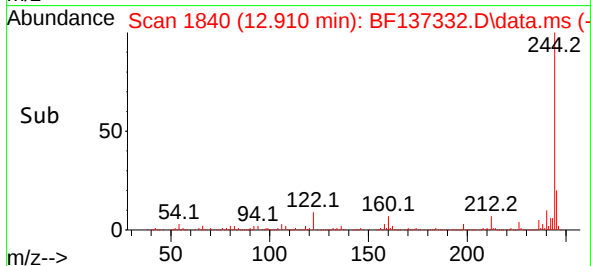


Tgt Ion:244 Resp: 707485
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 9.3 6.2 9.4

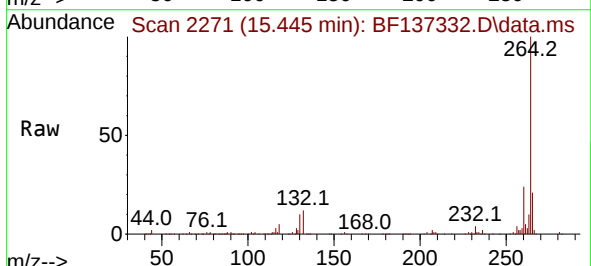
Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/08/2024
 Supervised By :mohammad ahmed 02/09/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF137332.D
 Acq: 07 Feb 2024 21:02



Tgt Ion:264 Resp: 128908
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.4
 265 21.3 16.2 24.2

