

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134725.D
 Acq On : 11 Aug 2023 10:54
 Operator : CG\JU
 Sample : 03955-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-22

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023

Quant Time: Aug 11 22:19:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	174229	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	664599	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	294838	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	462381	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	347252	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	303320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	632042	55.144	ng	0.00
7) Phenol-d6	6.434	99	777552	53.070	ng	0.00
23) Nitrobenzene-d5	7.357	82	470972	44.286	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	156698	52.135	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	840202	47.382	ng	-0.01
79) Terphenyl-d14	12.915	244	724150	36.762	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.345	178	275395	11.213	ng	98
72) Anthracene	11.398	178	67968	2.709	ng	98
75) Fluoranthene	12.539	202	264993	10.214	ng	98
78) Pyrene	12.768	202	238495	7.937	ng	98
81) Benzo(a)anthracene	13.962	228	102278	4.119	ng	99
83) Chrysene	13.998	228	92602	3.828	ng	97
88) Benzo(b)fluoranthene	15.009	252	99256m	5.365	ng	
90) Benzo(a)pyrene	15.374	252	64665	3.749	ng	# 93
92) Benzo(g,h,i)perylene	17.380	276	30082	2.046	ng	# 91

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

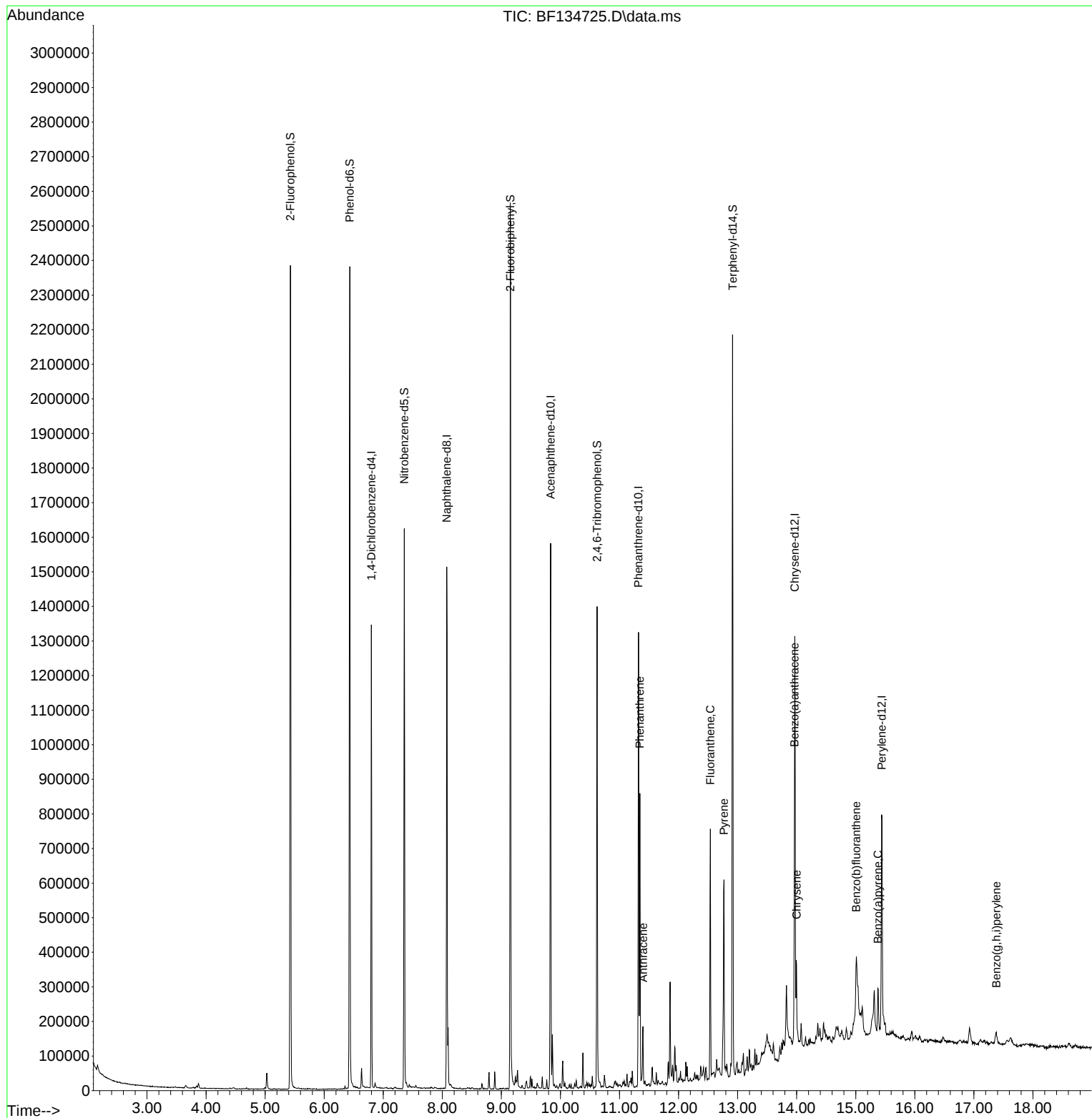
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134725.D
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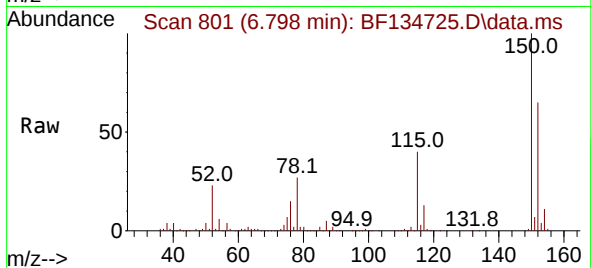
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134725.D
 Acq: 11 Aug 2023 10:54

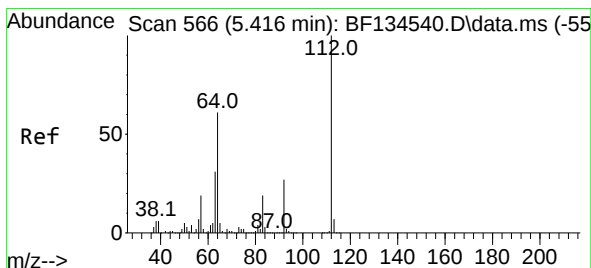
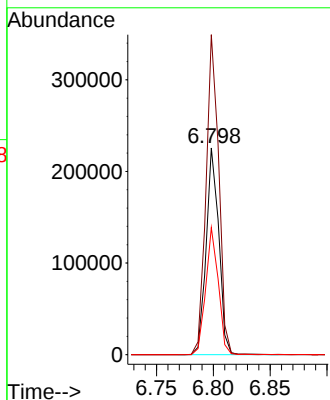
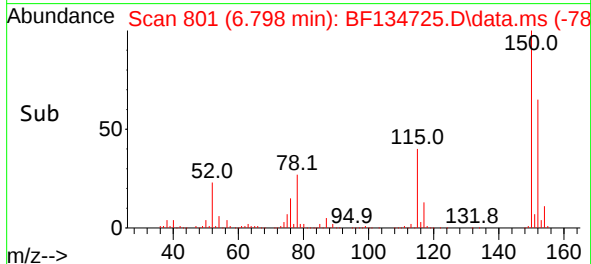
Instrument :
 BNA_F
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 WC-22



Tgt Ion:152 Resp: 174229
 Ion Ratio Lower Upper
 152 100
 150 154.8 128.3 192.5
 115 61.5 52.4 78.6

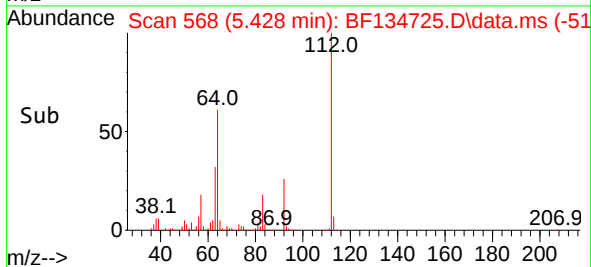
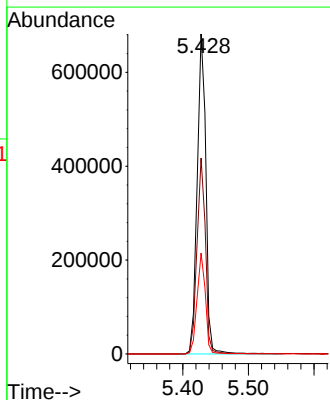
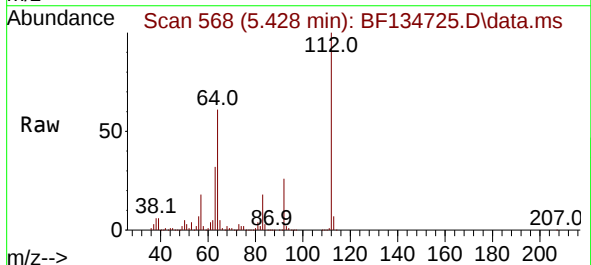
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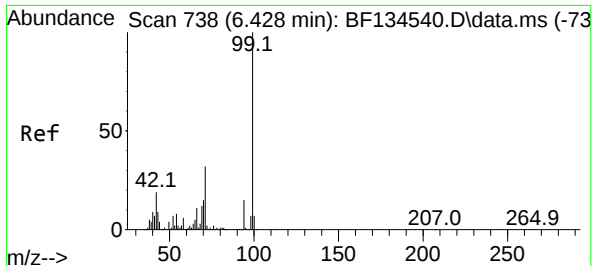
Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023



#5
 2-Fluorophenol
 Concen: 55.144 ng
 RT: 5.428 min Scan# 568
 Delta R.T. -0.000 min
 Lab File: BF134725.D
 Acq: 11 Aug 2023 10:54

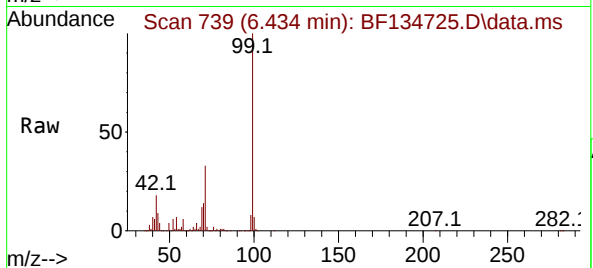
Tgt Ion:112 Resp: 632042
 Ion Ratio Lower Upper
 112 100
 64 61.2 44.9 67.3
 63 31.5 25.4 38.0





#7
Phenol-d6
Concen: 53.070 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54

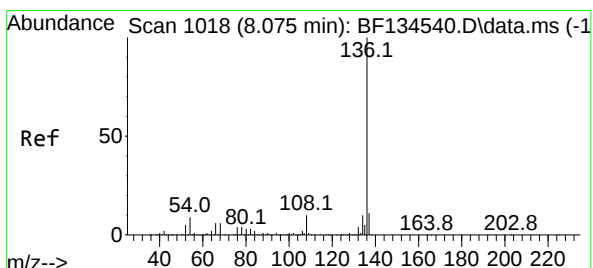
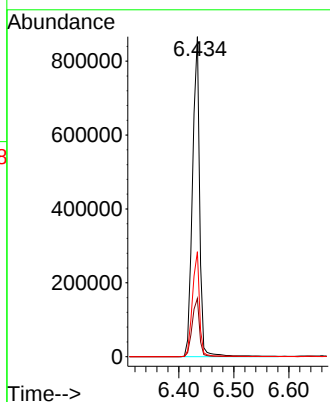
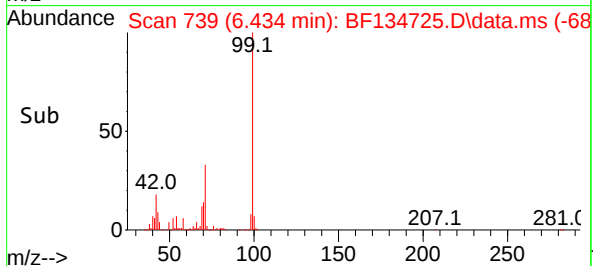
Instrument :
BNA_F
ClientSampleId :
WC-22



Tgt Ion: 99 Resp: 777552
Ion Ratio Lower Upper
99 100
42 18.2 18.7 28.1#
71 32.8 36.4 54.6#

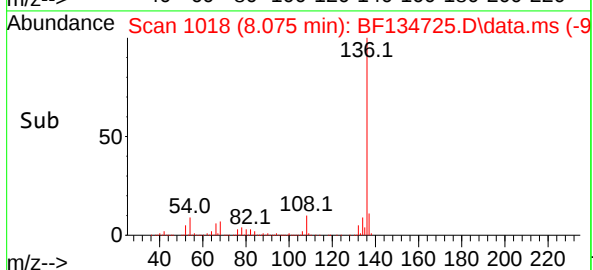
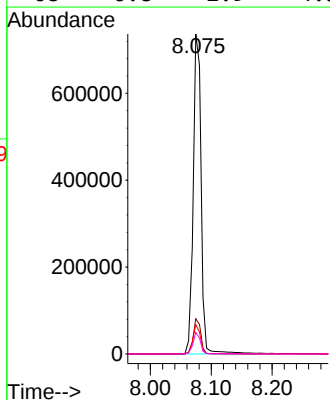
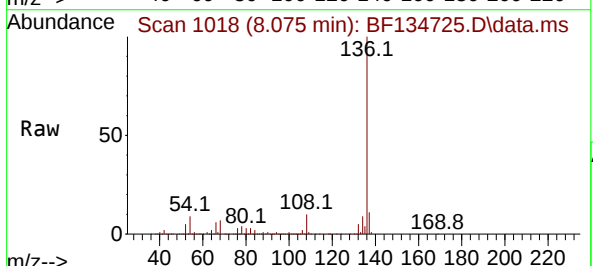
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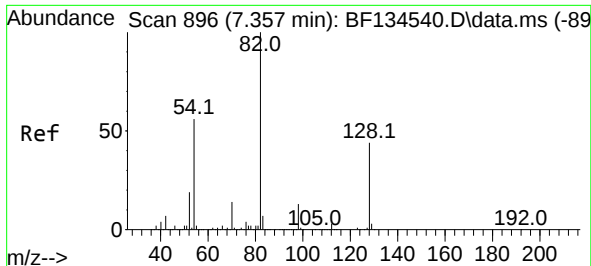
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54

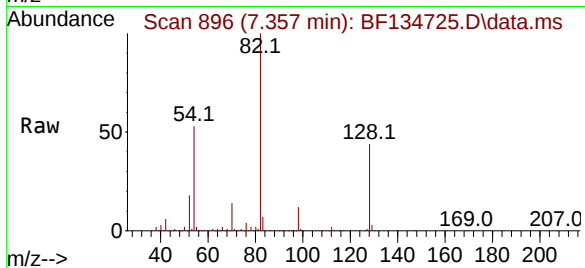
Tgt Ion:136 Resp: 664599
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.1 5.2 7.8#
68 6.8 2.9 4.3#





#23
Nitrobenzene-d5
Concen: 44.286 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54

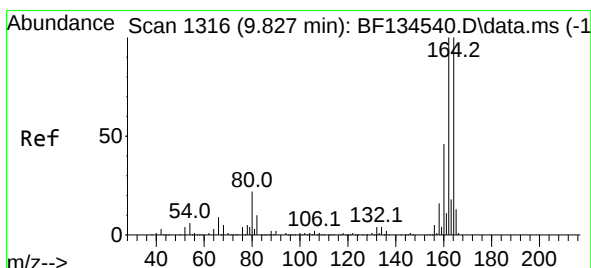
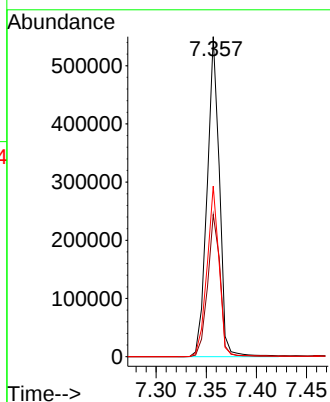
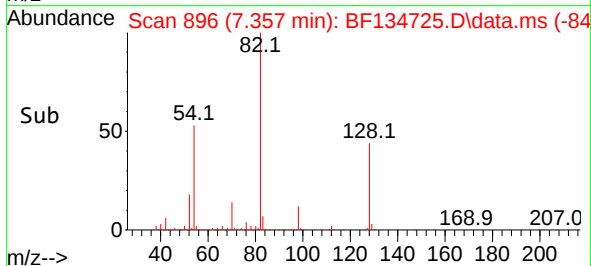
Instrument :
BNA_F
ClientSampleId :
WC-22



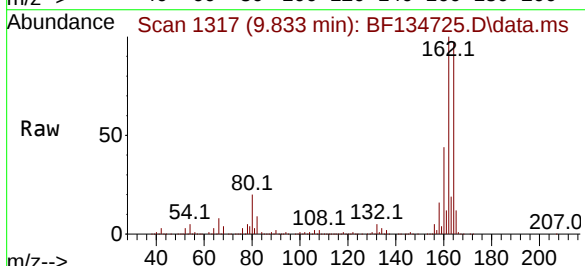
Tgt Ion: 82 Resp: 470972
Ion Ratio Lower Upper
82 100
128 44.4 34.3 51.5
54 53.3 43.8 65.6

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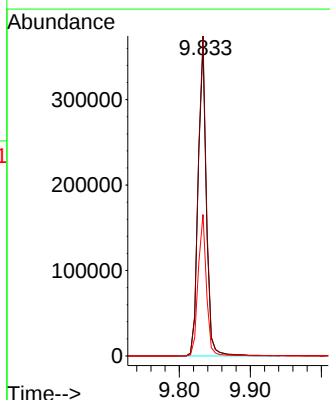
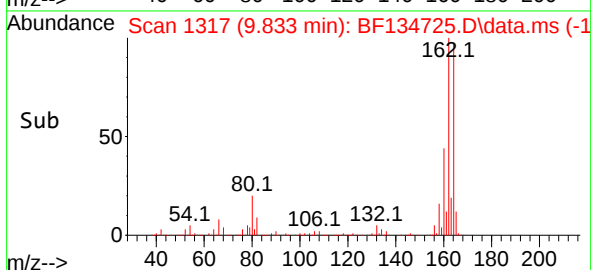
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Supervised By :mohammad ahmed 08/12/2023

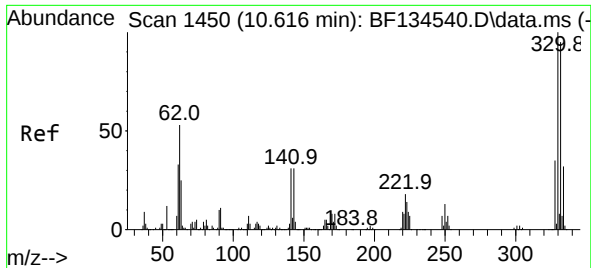


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54



Tgt Ion:164 Resp: 294838
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 45.6 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 52.135 ng
RT: 10.621 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54

Instrument :

BNA_F

ClientSampleId :

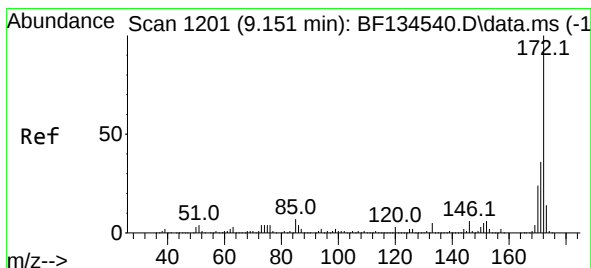
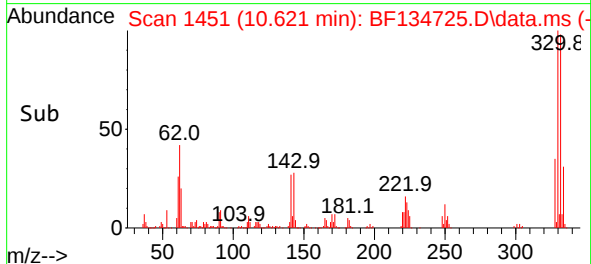
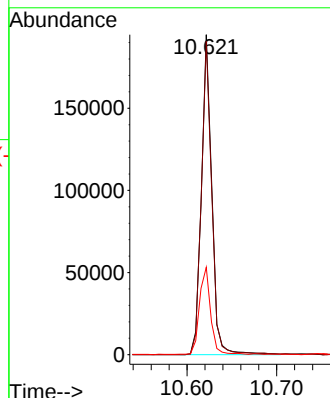
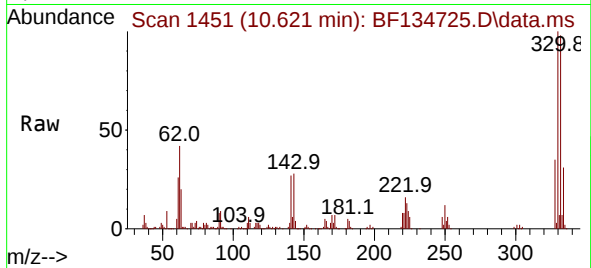
WC-22

Tgt Ion:330 Resp: 156698
Ion Ratio Lower Upper
330 100
332 98.0 78.8 118.2
141 29.7 25.4 38.2

Manual Integrations

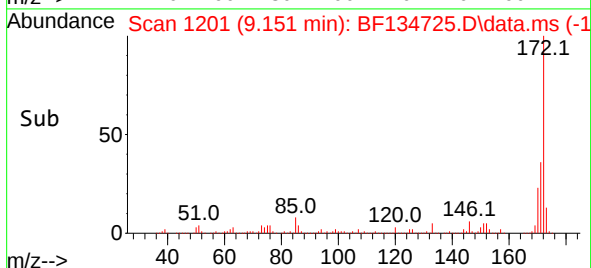
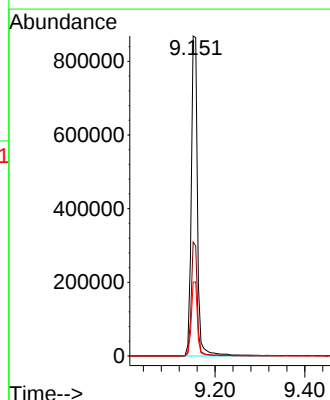
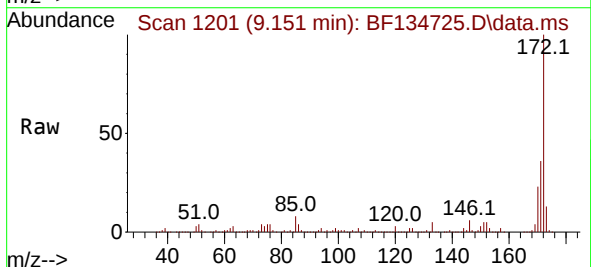
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#45
2-Fluorobiphenyl
Concen: 47.382 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54

Tgt Ion:172 Resp: 840202
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.1 18.7 28.1





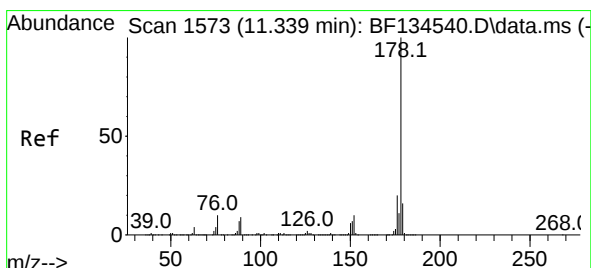
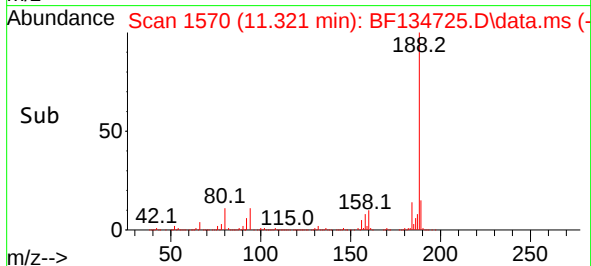
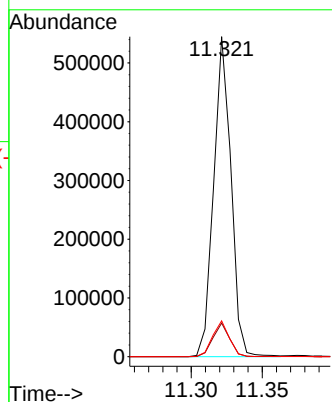
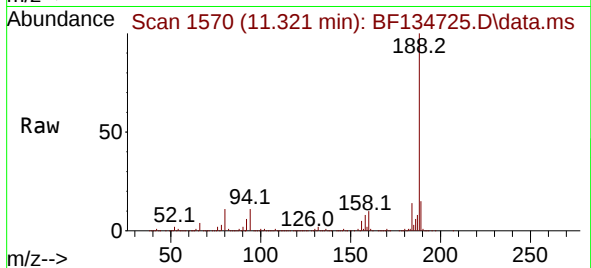
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54

Instrument :
BNA_F
ClientSampleId :
WC-22

Tgt Ion:188 Resp: 46238
Ion Ratio Lower Upper
188 100
94 10.5 5.1 7.7
80 11.2 6.6 9.8

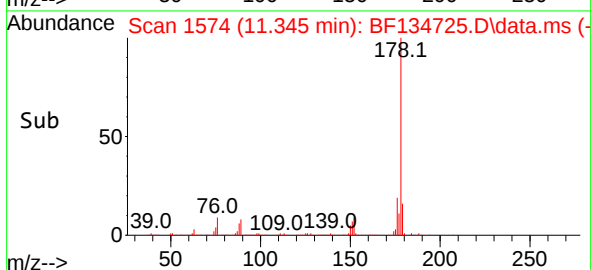
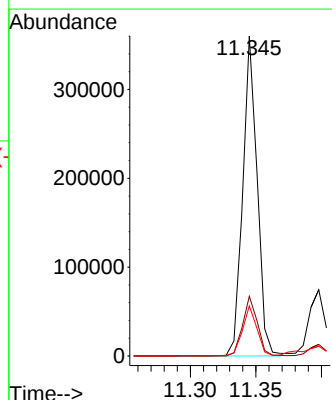
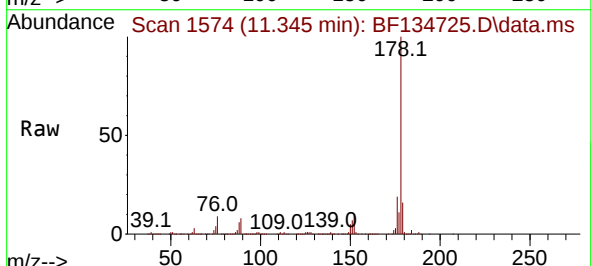
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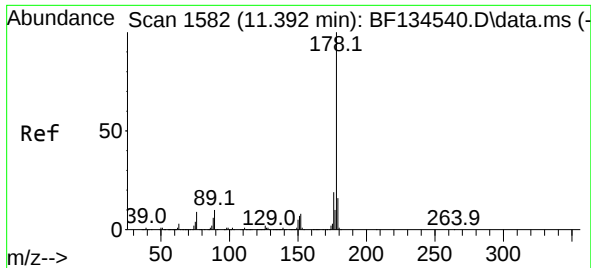
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#71
Phenanthrene
Concen: 11.213 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54

Tgt Ion:178 Resp: 275395
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.6
179 15.6 12.7 19.1





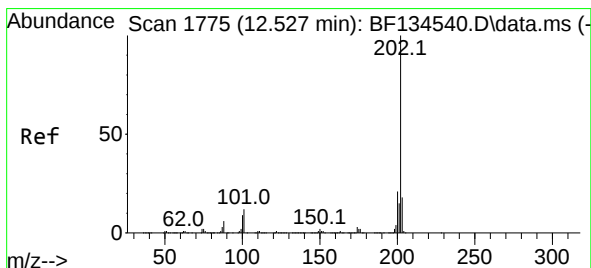
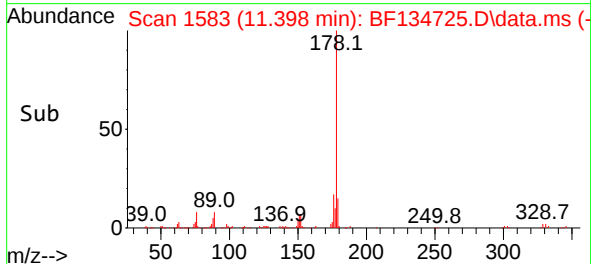
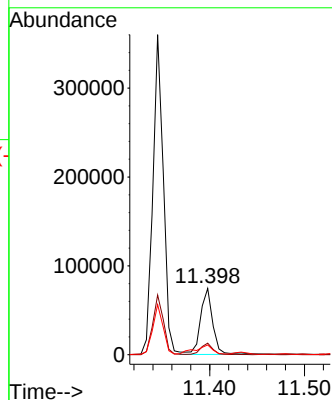
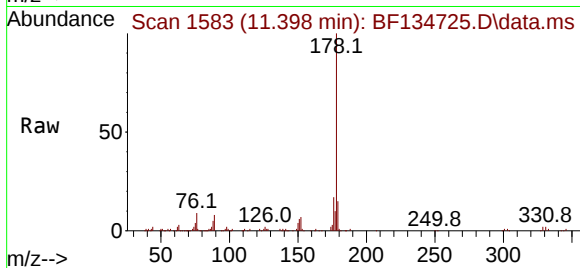
#72
 Anthracene
 Concen: 2.709 ng
 RT: 11.398 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BF134725.D
 Acq: 11 Aug 2023 10:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-22

Tgt Ion:178 Resp: 67968
 Ion Ratio Lower Upper
 178 100
 176 17.3 14.6 21.8
 179 14.6 12.3 18.5

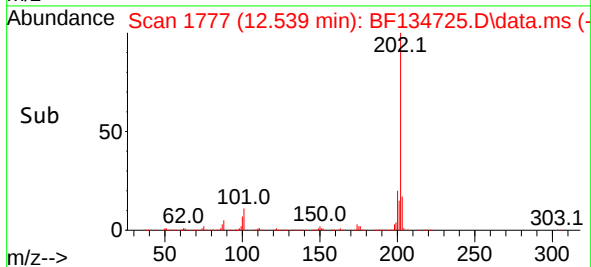
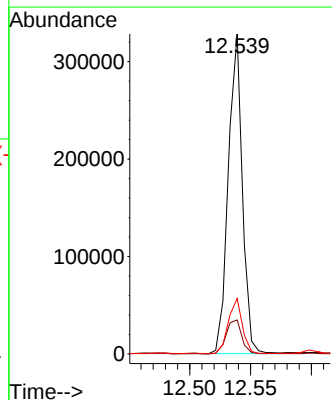
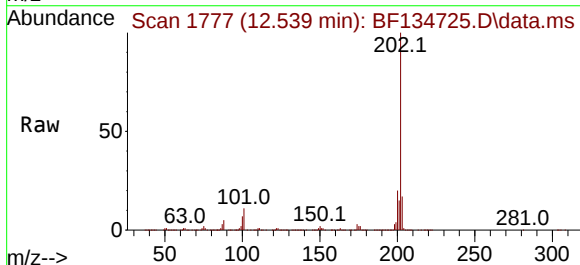
Manual Integrations
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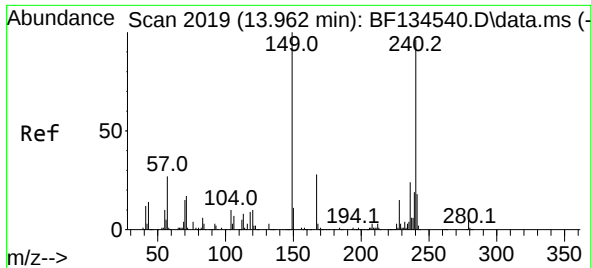
Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023



#75
 Fluoranthene
 Concen: 10.214 ng
 RT: 12.539 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: BF134725.D
 Acq: 11 Aug 2023 10:54

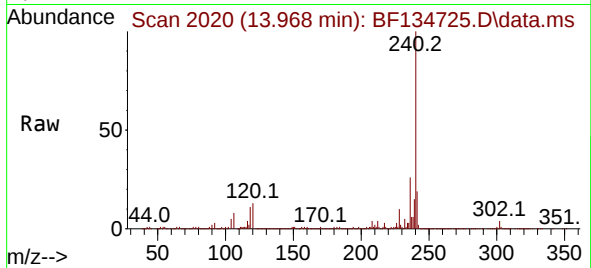
Tgt Ion:202 Resp: 264993
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 28.5
 203 17.3 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54

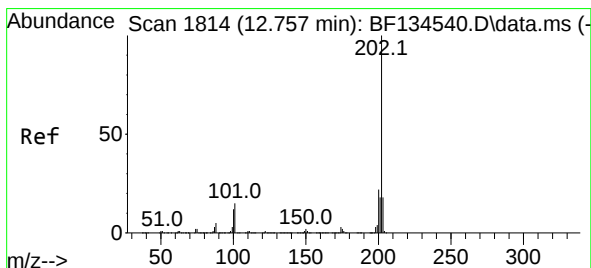
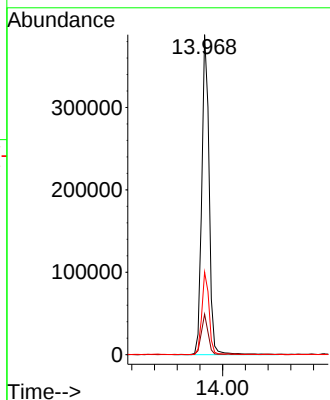
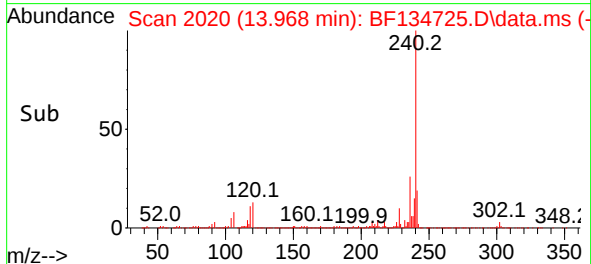
Instrument :
BNA_F
ClientSampleId :
WC-22



Tgt Ion:240 Resp: 34725
Ion Ratio Lower Upper
240 100
120 12.7 6.6 10.0
236 25.8 20.2 30.2

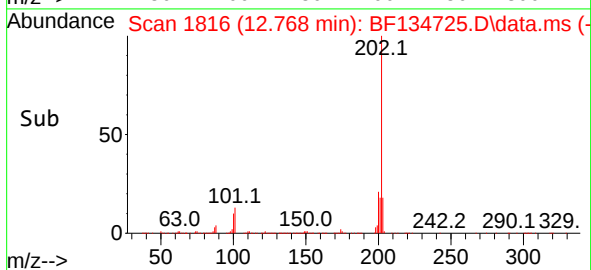
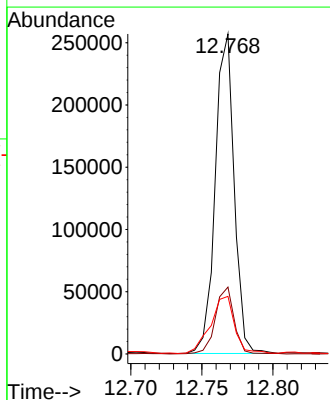
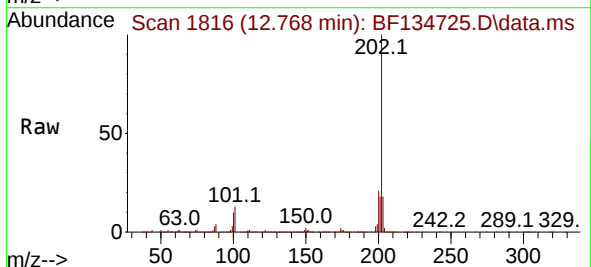
Manual Integrations
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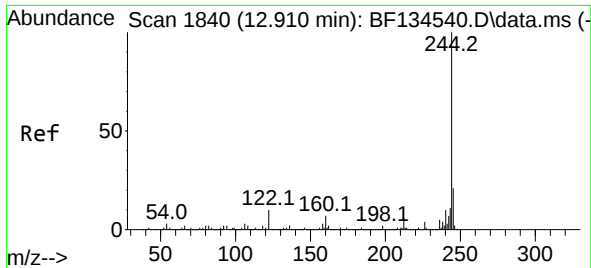
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#78
Pyrene
Concen: 7.937 ng
RT: 12.768 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54

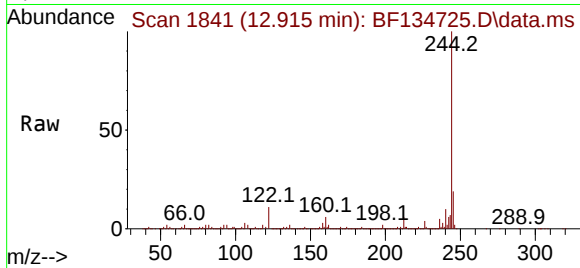
Tgt Ion:202 Resp: 238495
Ion Ratio Lower Upper
202 100
200 20.9 15.8 23.8
203 18.0 13.5 20.3





#79
Terphenyl-d14
Concen: 36.762 ng
RT: 12.915 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54

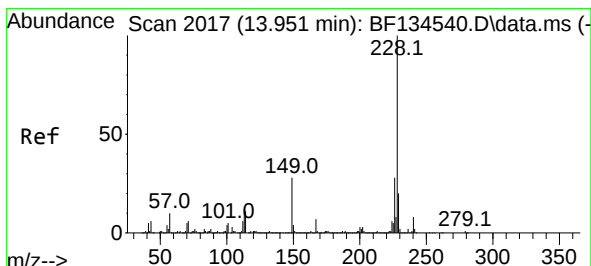
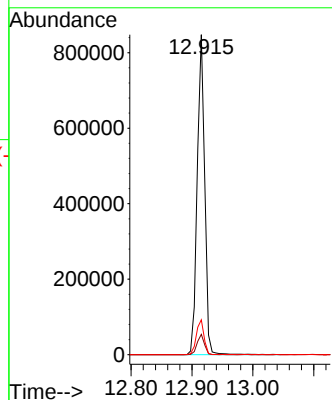
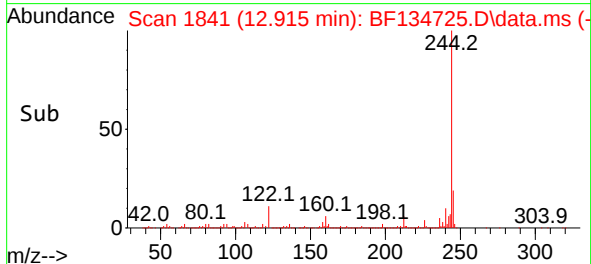
Instrument :
BNA_F
ClientSampleId :
WC-22



Tgt Ion:244 Resp: 724150
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 10.9 8.0 12.0

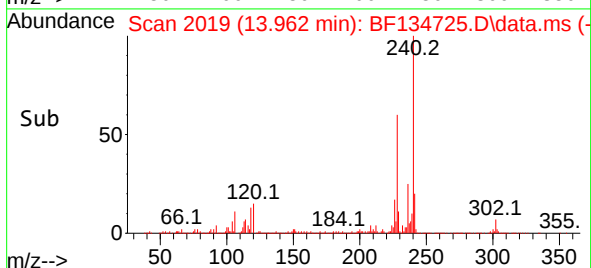
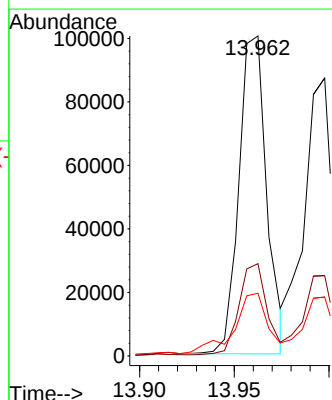
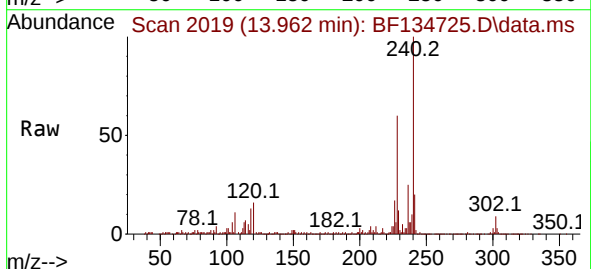
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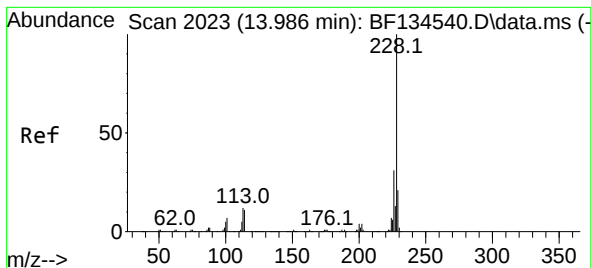
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#81
Benzo(a)anthracene
Concen: 4.119 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54

Tgt Ion:228 Resp: 102278
Ion Ratio Lower Upper
228 100
226 28.8 22.3 33.5
229 19.6 15.8 23.6





#83

Chrysene

Concen: 3.828 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF134725.D

Acq: 11 Aug 2023 10:54

Instrument :

BNA_F

ClientSampleId :

WC-22

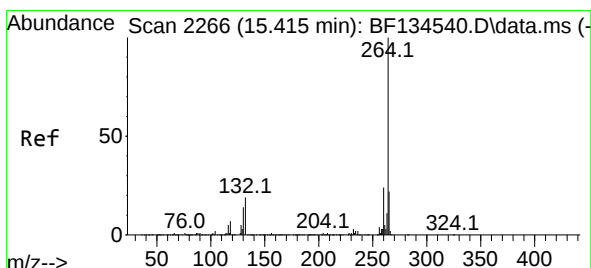
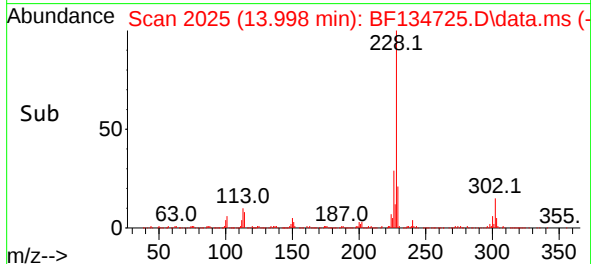
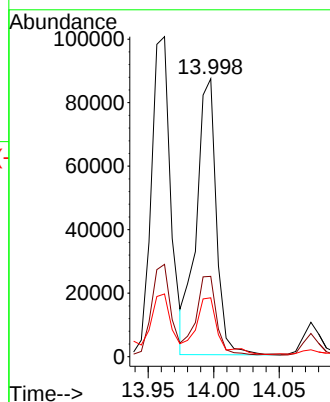
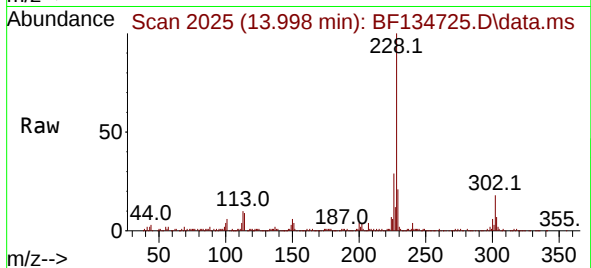
Tgt Ion:228 Resp: 92602
 Ion Ratio Lower Upper
 228 100
 226 28.9 24.5 36.7
 229 21.2 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/12/2023

Supervised By :mohammad ahmed 08/12/2023



#86

Perylene-d12

Concen: 20.000 ng

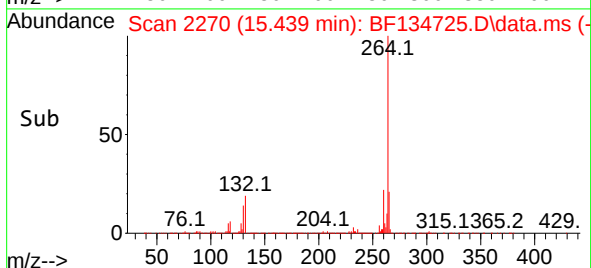
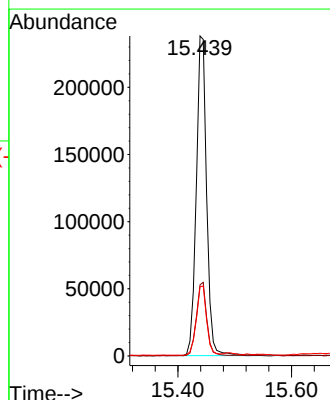
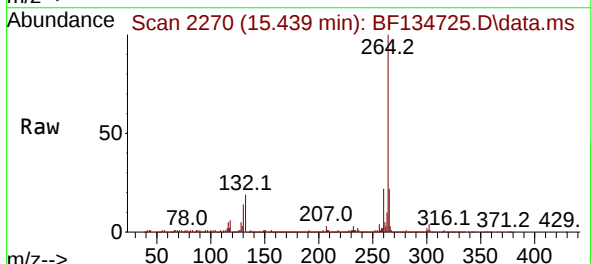
RT: 15.439 min Scan# 2270

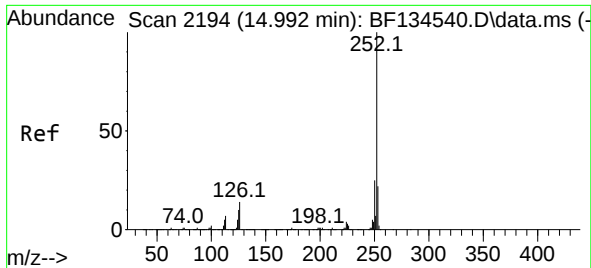
Delta R.T. -0.000 min

Lab File: BF134725.D

Acq: 11 Aug 2023 10:54

Tgt Ion:264 Resp: 303320
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.4 27.6
 265 21.6 15.8 23.8





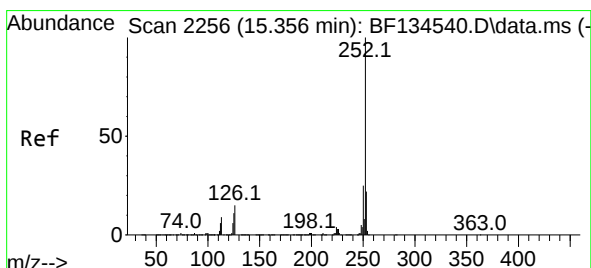
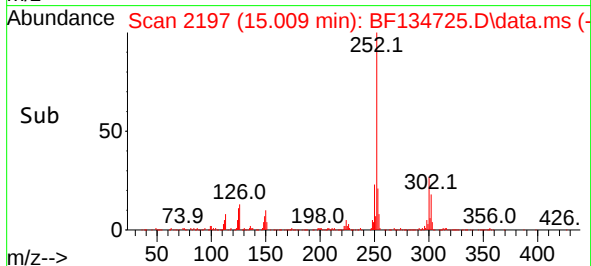
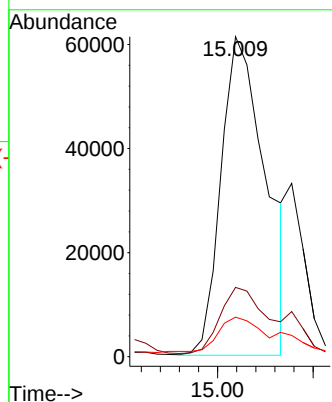
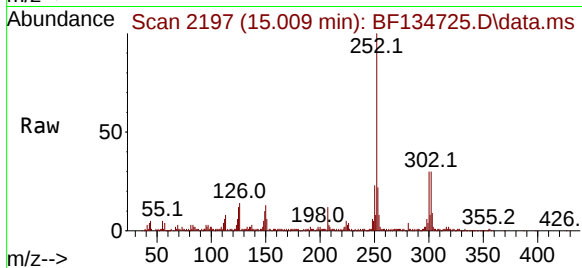
#88
Benzo(b)fluoranthene
Concen: 5.365 ng m
RT: 15.009 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54

Instrument :
BNA_F
ClientSampleId :
WC-22

Tgt Ion:252 Resp: 99250
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 12.3 6.0 9.0

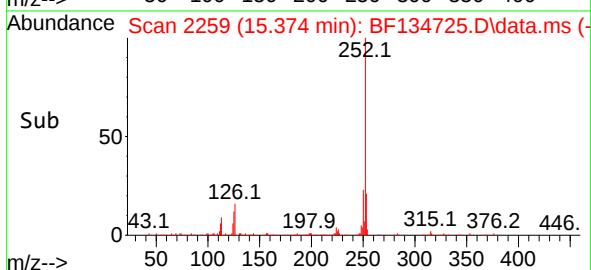
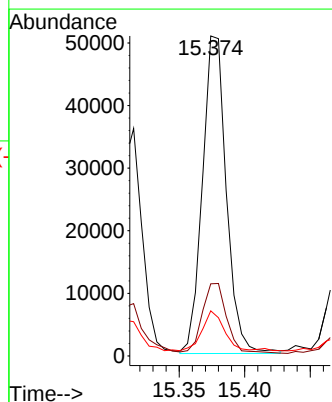
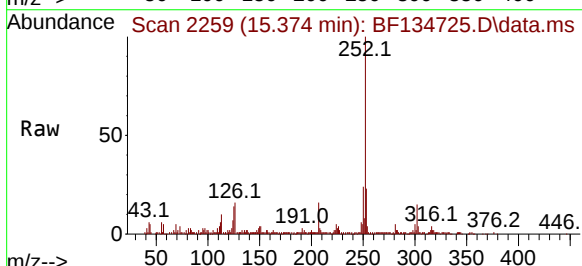
Manual Integrations
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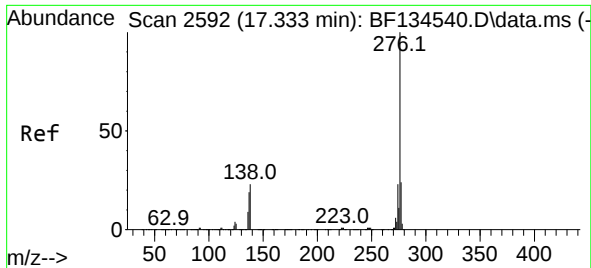
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023



#90
Benzo(a)pyrene
Concen: 3.749 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54

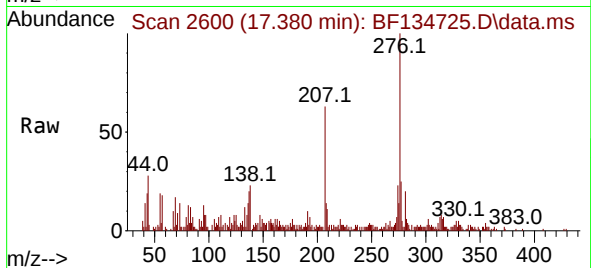
Tgt Ion:252 Resp: 64665
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 14.1 6.2 9.4





#92
Benzo(g,h,i)perylene
Concen: 2.046 ng
RT: 17.380 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF134725.D
Acq: 11 Aug 2023 10:54

Instrument :
BNA_F
ClientSampleId :
WC-22



Tgt Ion: 276 Resp: 3008
Ion Ratio Lower Upper
276 100
277 24.6 19.0 28.6
138 23.5 12.2 18.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

