

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
 Data File : BF134509.D
 Acq On : 27 Jul 2023 17:06
 Operator : CG\JU
 Sample : 03740-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-072423

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/28/2023
 Supervised By :mohammad ahmed 07/28/2023

Quant Time: Jul 27 17:55:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	108252	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	410878	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	181905	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	326808	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	210030	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	160719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	298230	45.517	ng	0.00
7) Phenol-d6	6.463	99	337389	42.029	ng	-0.01
23) Nitrobenzene-d5	7.387	82	214601	26.425	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	87531	33.867	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	430698	31.083	ng	0.00
79) Terphenyl-d14	12.951	244	443762	36.883	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.575	163	29803	2.210	ng	98
71) Phenanthrene	11.380	178	81155	4.753	ng	97
75) Fluoranthene	12.574	202	222030	11.157	ng	95
78) Pyrene	12.810	202	224588	13.448	ng	100
81) Benzo(a)anthracene	14.004	228	105257	7.183	ng	96
83) Chrysene	14.045	228	97150m	6.931	ng	
87) Indeno(1,2,3-cd)pyrene	17.062	276	54504	5.191	ng	93
88) Benzo(b)fluoranthene	15.074	252	124680m	12.400	ng	
89) Benzo(k)fluoranthene	15.104	252	29538m	2.987	ng	
90) Benzo(a)pyrene	15.457	252	87522	9.417	ng	# 86
92) Benzo(g,h,i)perylene	17.533	276	57353	6.587	ng	# 85

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

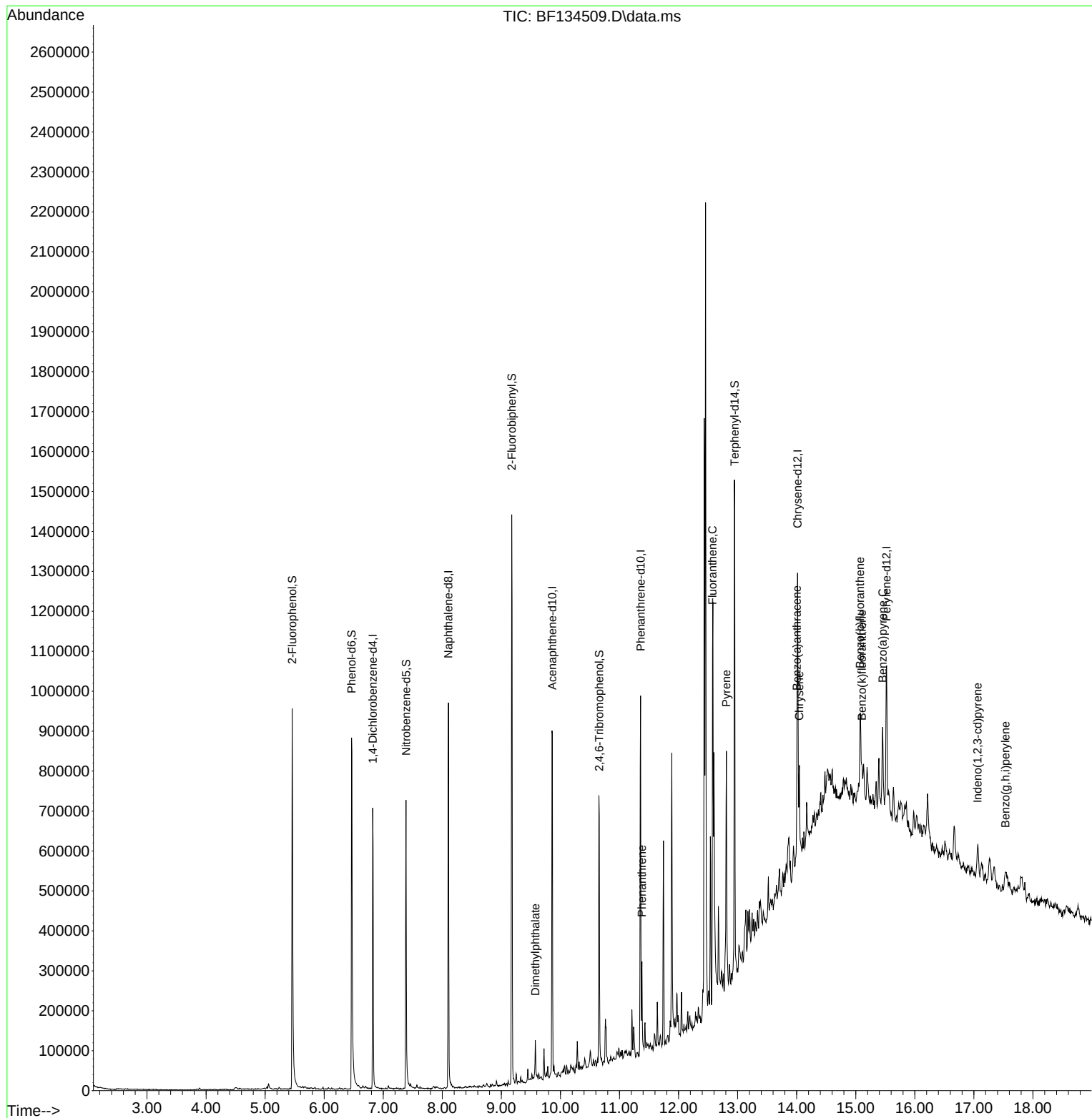
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
Data File : BF134509.D
Acq On : 27 Jul 2023 17:06
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Sample : 03740-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

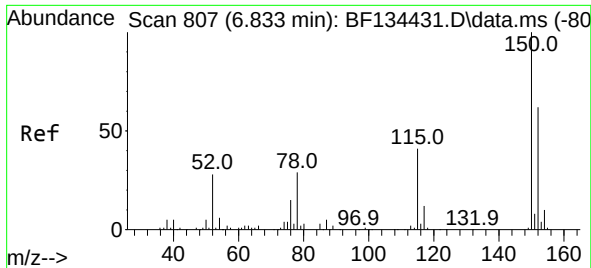
Instrument :
BNA_F
ClientSampleId :
SU-04-072423

Quant Time: Jul 27 17:55:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF134509.D
Acq: 27 Jul 2023 17:06

Instrument :

BNA_F

ClientSampleId :

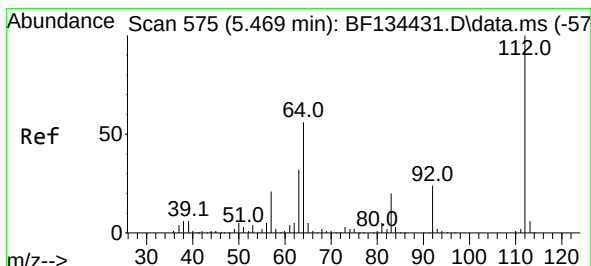
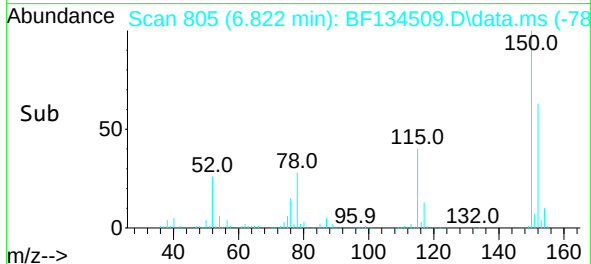
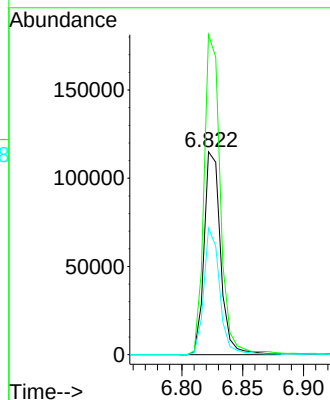
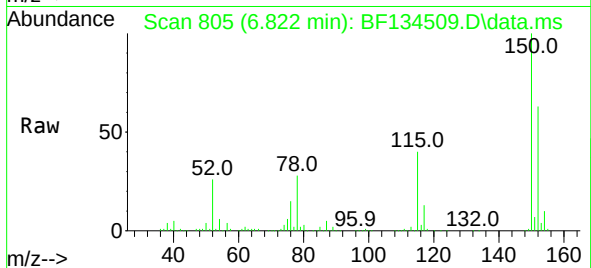
SU-04-072423

Tgt Ion:152 Resp: 108252
Ion Ratio Lower Upper
152 100
150 157.7 128.3 192.5
115 62.4 52.4 78.6

Manual Integrations

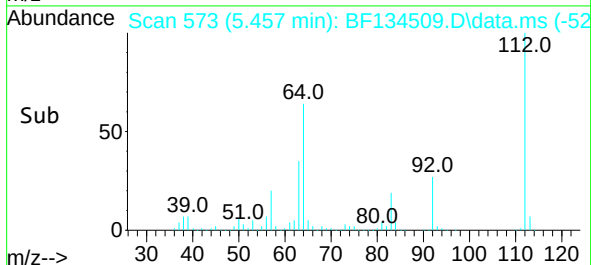
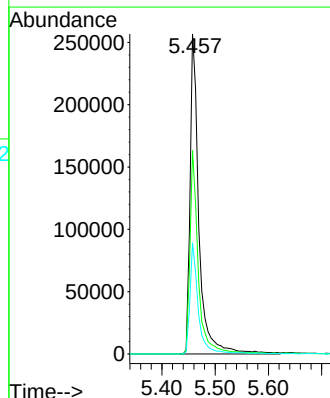
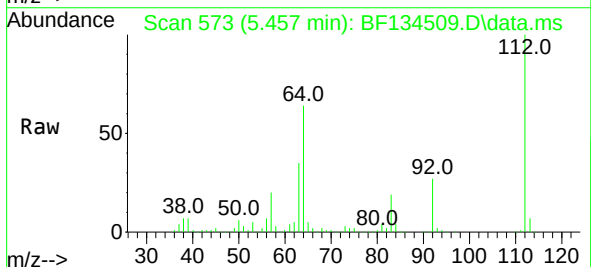
APPROVED

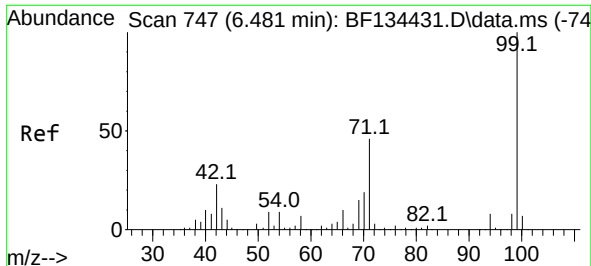
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



#5
2-Fluorophenol
Concen: 45.517 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF134509.D
Acq: 27 Jul 2023 17:06

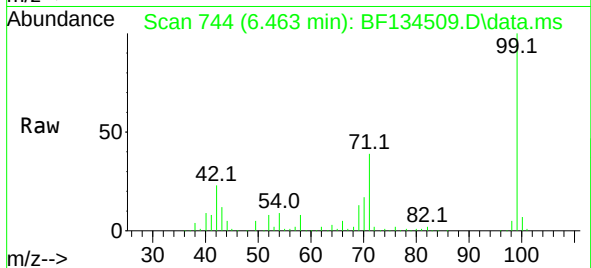
Tgt Ion:112 Resp: 298230
Ion Ratio Lower Upper
112 100
64 63.5 44.9 67.3
63 34.7 25.4 38.0





#7
Phenol-d6
Concen: 42.029 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134509.D
Acq: 27 Jul 2023 17:06

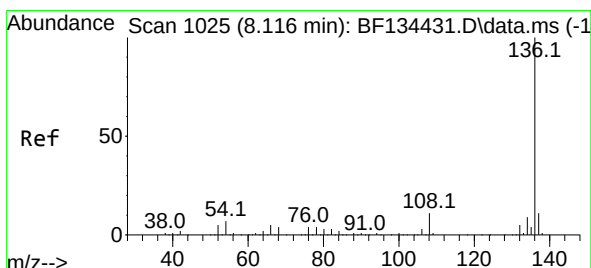
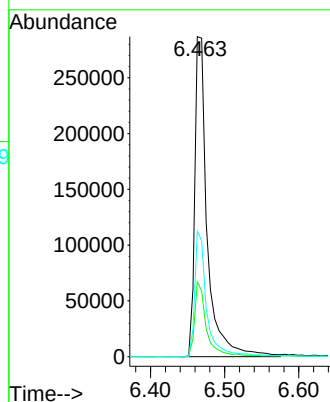
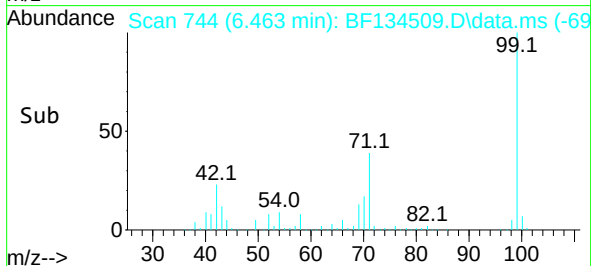
Instrument :
BNA_F
ClientSampleId :
SU-04-072423



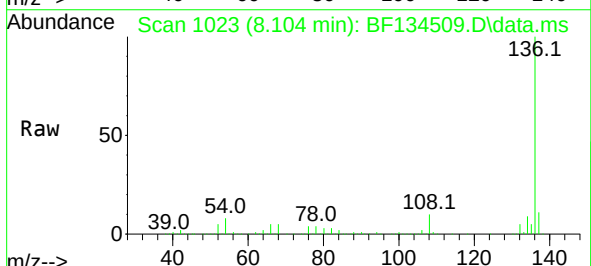
Tgt Ion: 99 Resp: 337389
Ion Ratio Lower Upper
99 100
42 23.4 18.7 28.1
71 39.2 36.4 54.6

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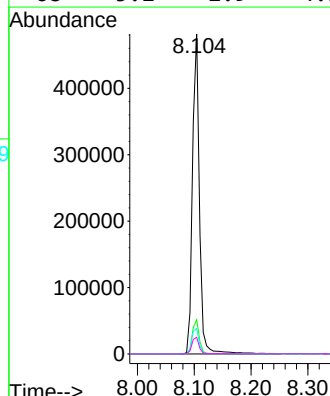
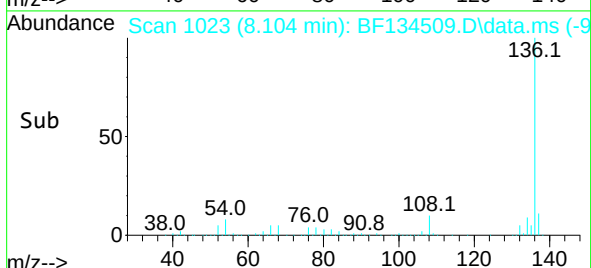
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023

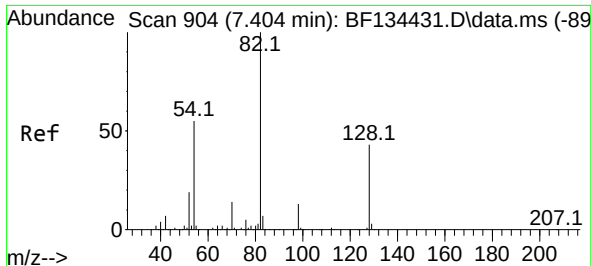


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF134509.D
Acq: 27 Jul 2023 17:06



Tgt Ion:136 Resp: 410878
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.9 5.2 7.8#
68 5.2 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 26.425 ng

RT: 7.387 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134509.D

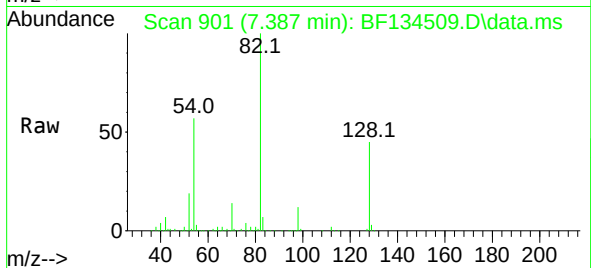
Acq: 27 Jul 2023 17:06

Instrument :

BNA_F

ClientSampleId :

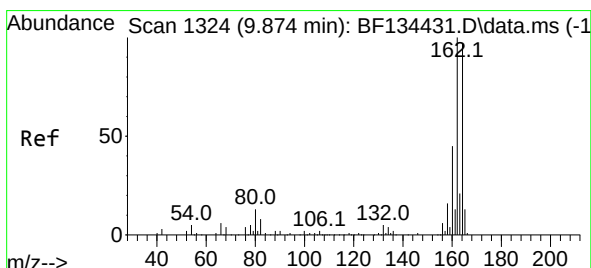
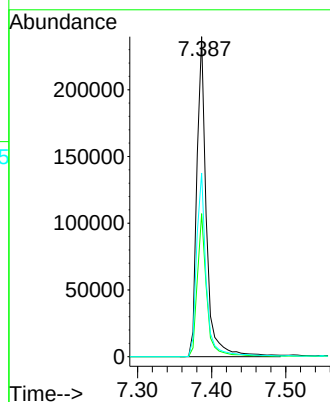
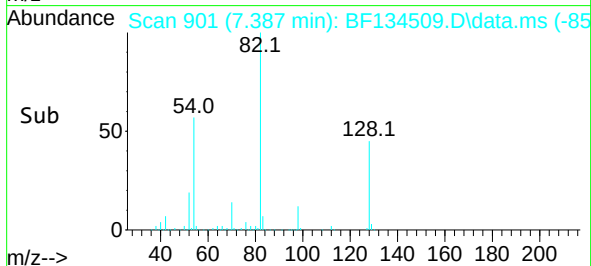
SU-04-072423



Tgt Ion:	82	Resp:	21460
Ion Ratio	Lower	Upper	
82	100		
128	44.7	34.3	51.5
54	57.4	43.8	65.6

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Reviewed By :Yogesh Patel 07/28/2023
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#39

Acenaphthene-d10

Concen: 20.000 ng

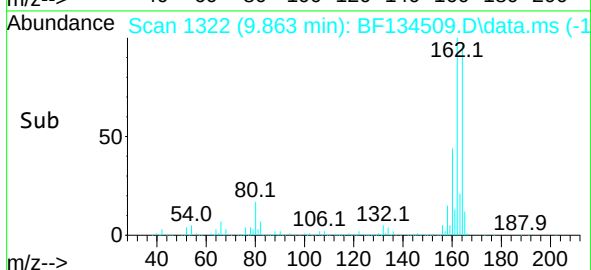
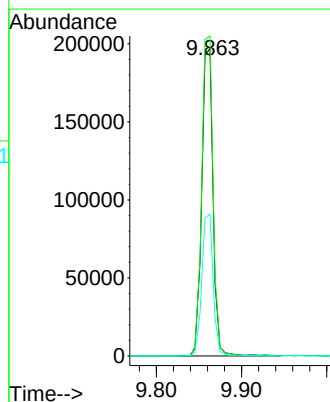
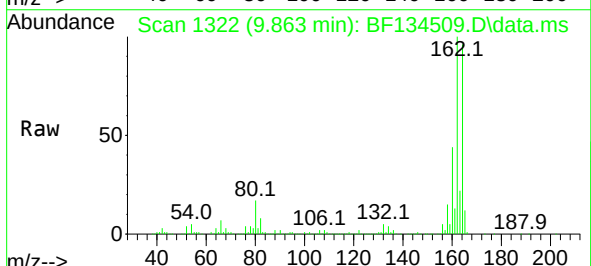
RT: 9.863 min Scan# 1322

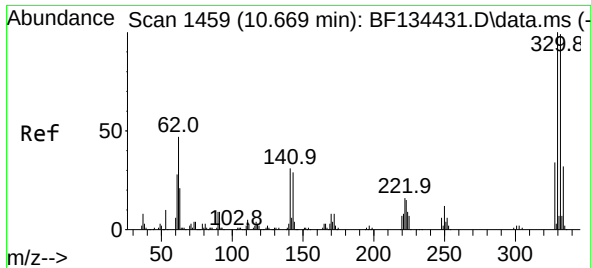
Delta R.T. 0.000 min

Lab File: BF134509.D

Acq: 27 Jul 2023 17:06

Tgt Ion:	164	Resp:	181905
Ion Ratio	Lower	Upper	
164	100		
162	104.1	82.6	123.8
160	46.1	37.2	55.8





#42
2,4,6-Tribromophenol
Concen: 33.867 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF134509.D
Acq: 27 Jul 2023 17:06

Instrument :

BNA_F

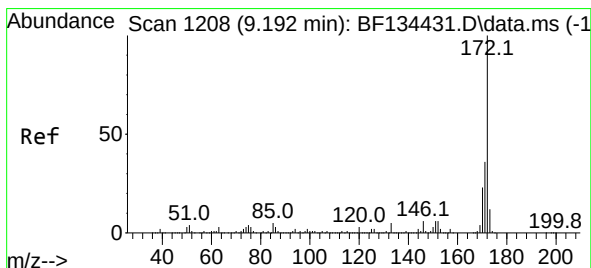
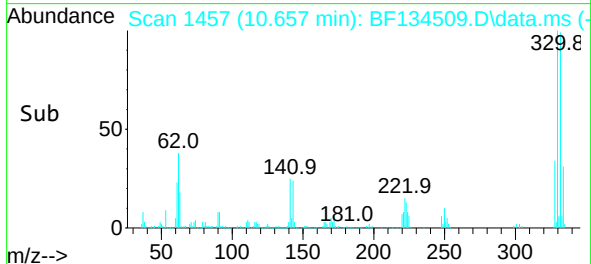
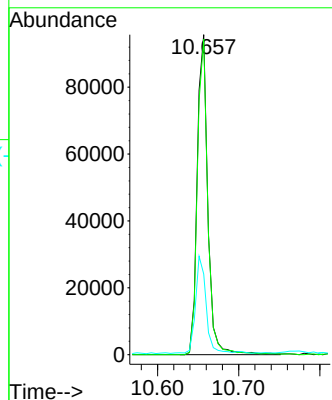
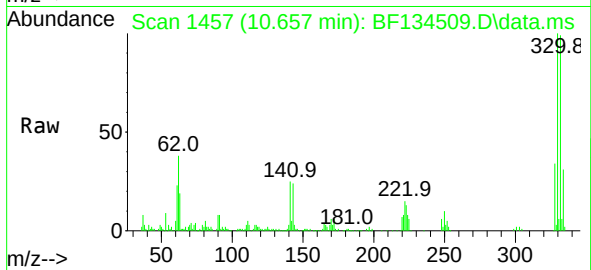
ClientSampleId :

SU-04-072423

Tgt Ion:330 Resp: 8753
Ion Ratio Lower Upper
330 100
332 97.6 78.8 118.2
141 30.0 25.4 38.2

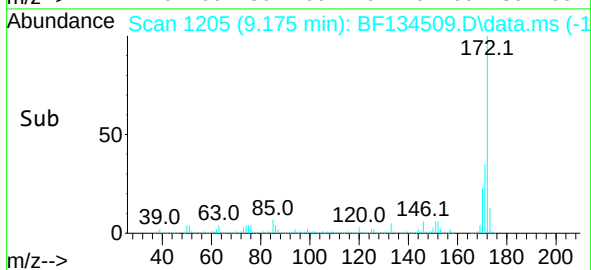
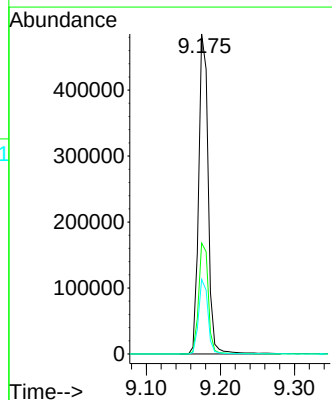
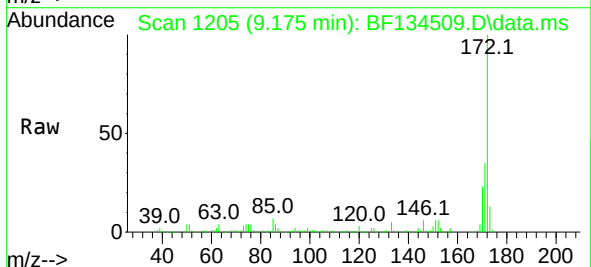
Manual Integrations
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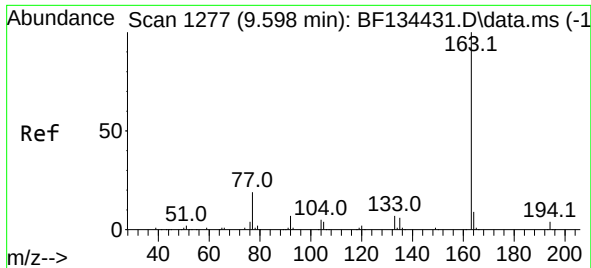
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



#45
2-Fluorobiphenyl
Concen: 31.083 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF134509.D
Acq: 27 Jul 2023 17:06

Tgt Ion:172 Resp: 430698
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 23.3 18.7 28.1





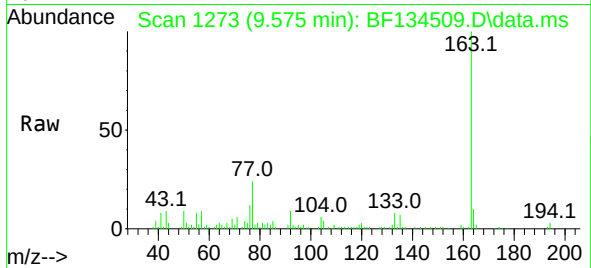
#50
Dimethylphthalate
Concen: 2.210 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134509.D
Acq: 27 Jul 2023 17:06

Instrument :

BNA_F

ClientSampleId :

SU-04-072423



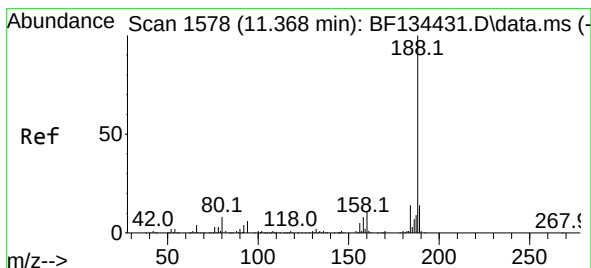
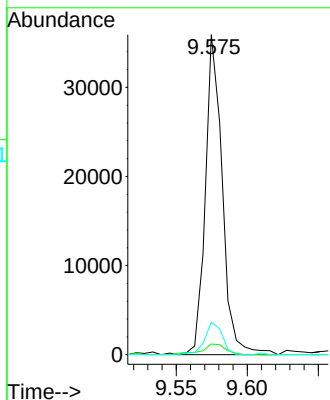
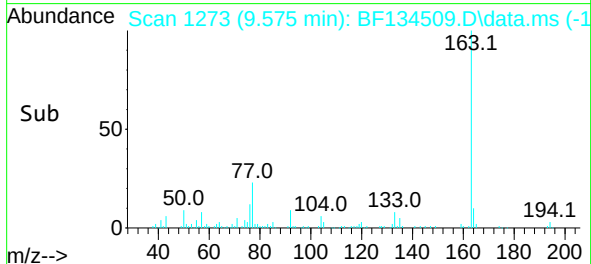
Tgt Ion:163 Resp: 2980
Ion Ratio Lower Upper
163 100
194 3.3 3.3 4.9
164 10.1 7.5 11.3

Manual Integrations

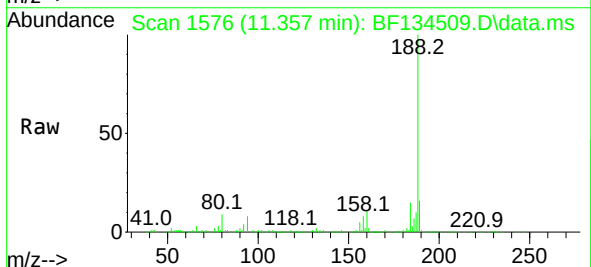
APPROVED

Reviewed By :Yogesh Patel 07/28/2023

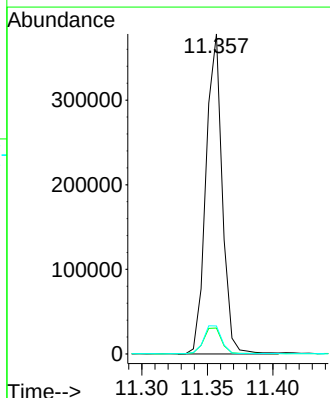
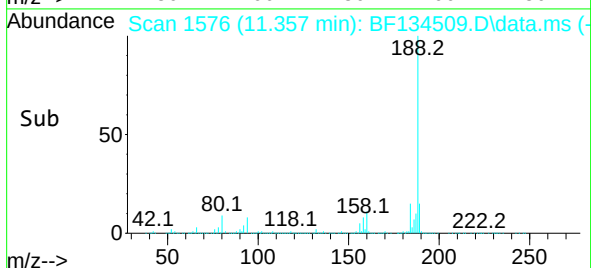
Supervised By :mohammad ahmed 07/28/2023

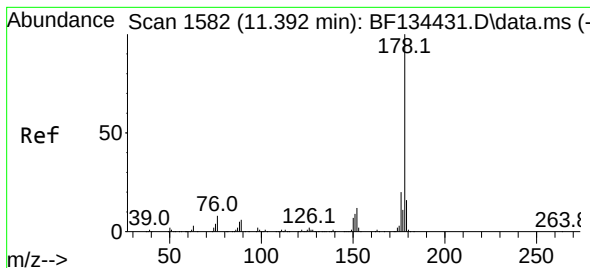


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF134509.D
Acq: 27 Jul 2023 17:06



Tgt Ion:188 Resp: 326808
Ion Ratio Lower Upper
188 100
94 8.1 5.1 7.7#
80 8.7 6.6 9.8





#71
Phenanthrene
Concen: 4.753 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134509.D
Acq: 27 Jul 2023 17:06

Instrument :

BNA_F

ClientSampleId :

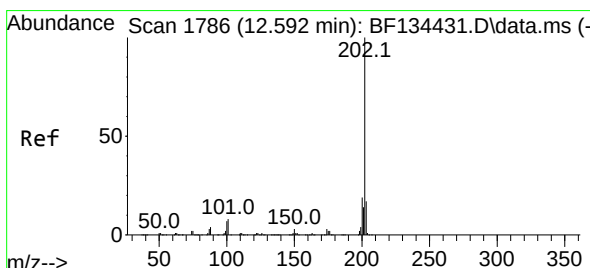
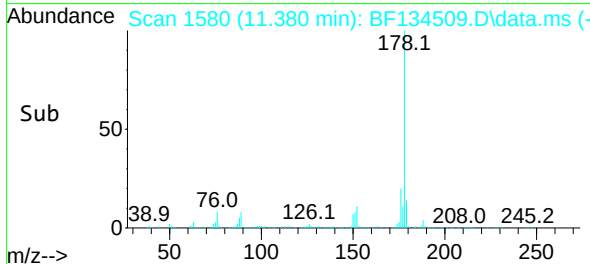
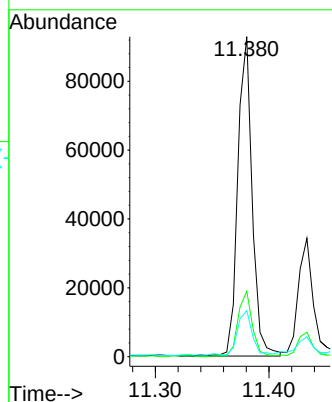
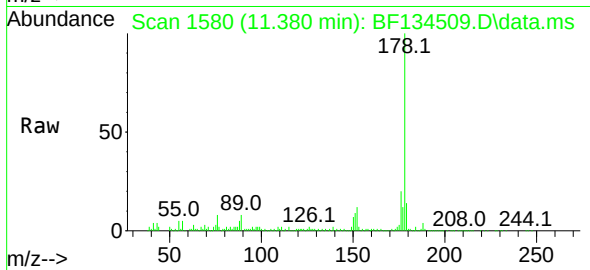
SU-04-072423

Tgt Ion:178 Resp: 8115
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 14.4 12.7 19.1

Manual Integrations

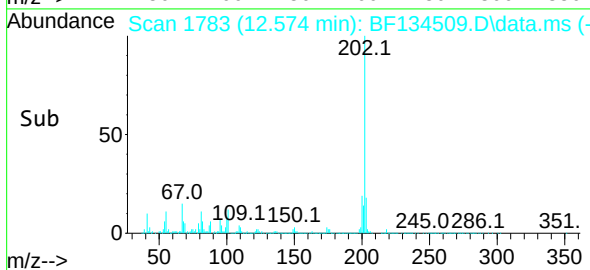
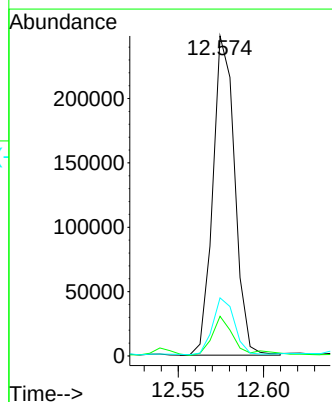
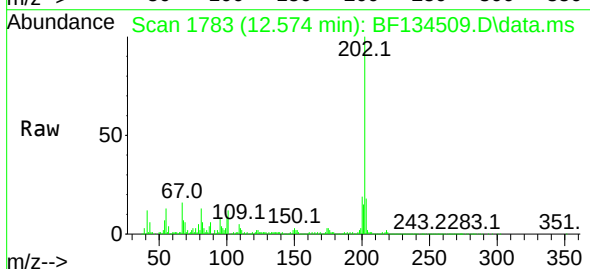
APPROVED

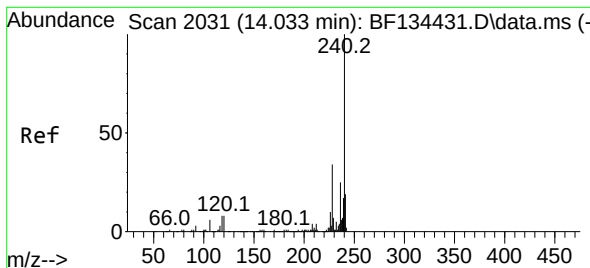
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



#75
Fluoranthene
Concen: 11.157 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF134509.D
Acq: 27 Jul 2023 17:06

Tgt Ion:202 Resp: 222030
Ion Ratio Lower Upper
202 100
101 12.4 0.0 28.5
203 18.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134509.D

Acq: 27 Jul 2023 17:06

Instrument :

BNA_F

ClientSampleId :

SU-04-072423

Tgt Ion:240 Resp: 210030

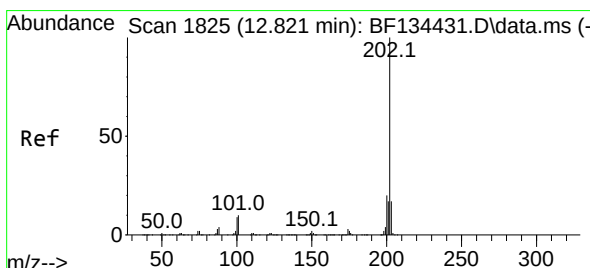
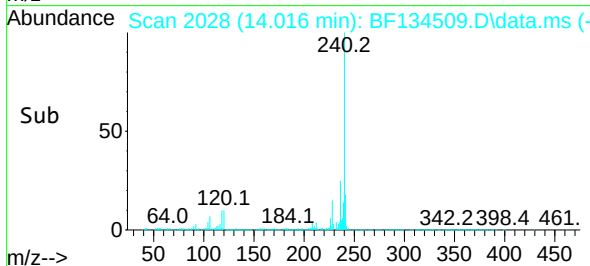
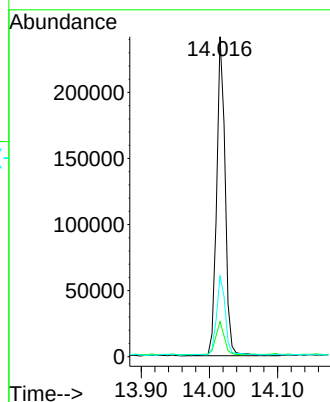
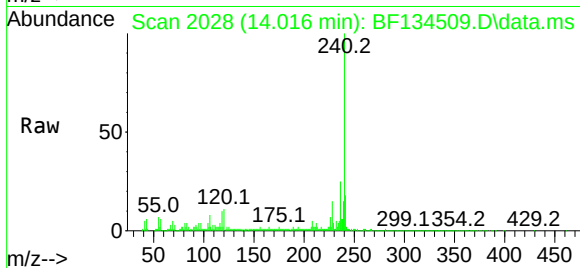
Ion	Ratio	Lower	Upper
240	100		
120	10.9	6.6	10.0
236	25.2	20.2	30.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/28/2023

Supervised By :mohammad ahmed 07/28/2023



#78

Pyrene

Concen: 13.448 ng

RT: 12.810 min Scan# 1823

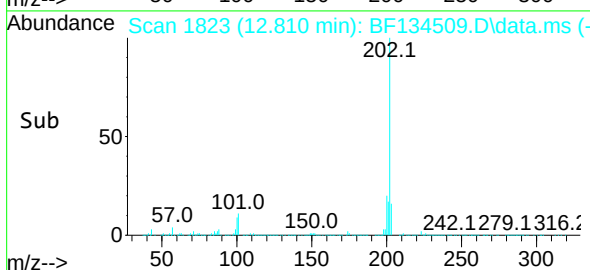
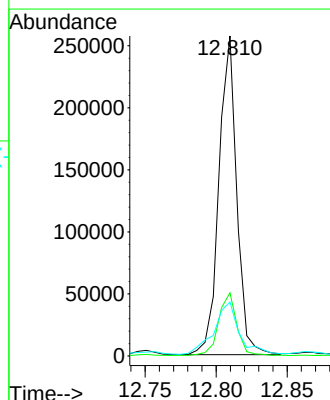
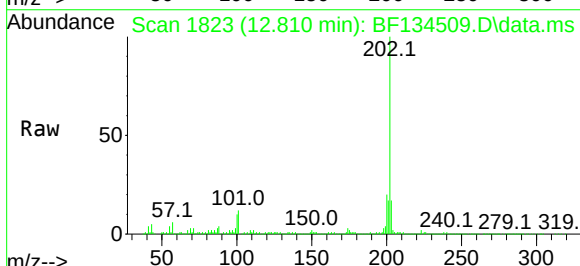
Delta R.T. 0.000 min

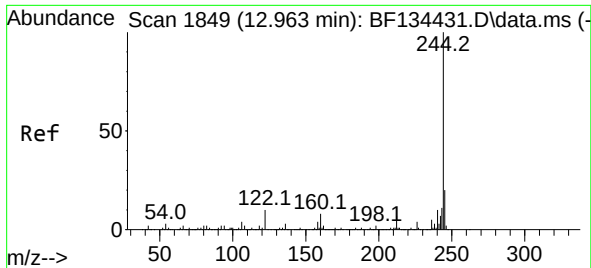
Lab File: BF134509.D

Acq: 27 Jul 2023 17:06

Tgt Ion:202 Resp: 224588

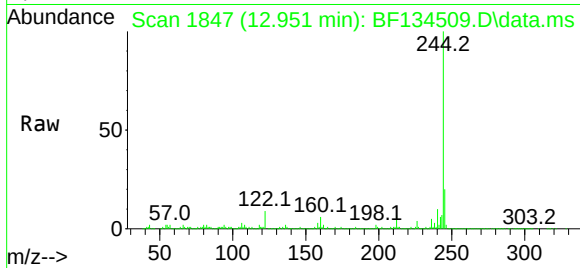
Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	16.9	13.5	20.3





#79
 Terphenyl-d14
 Concen: 36.883 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: BF134509.D
 Acq: 27 Jul 2023 17:06

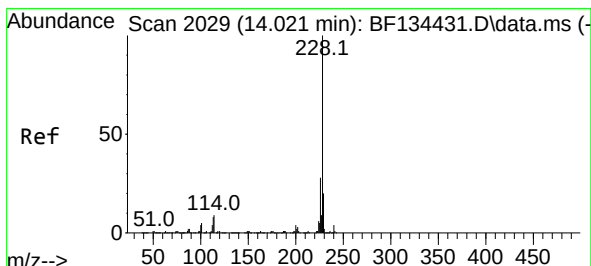
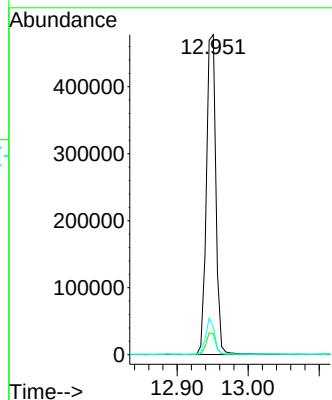
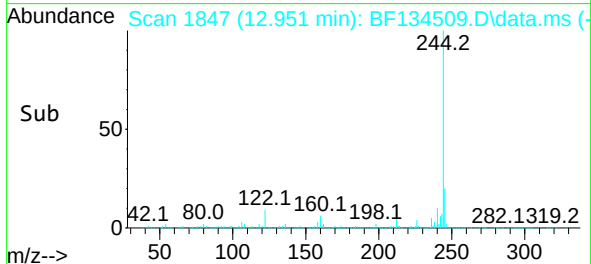
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-072423



Tgt Ion:244 Resp: 443762
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 8.7 8.0 12.0

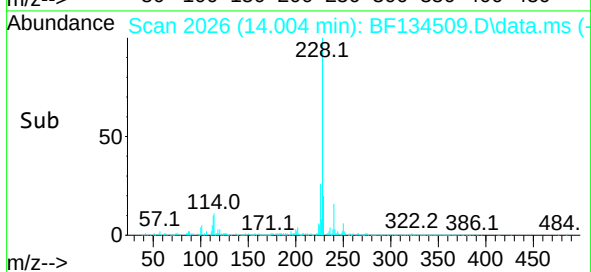
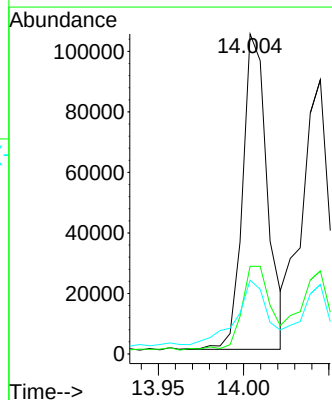
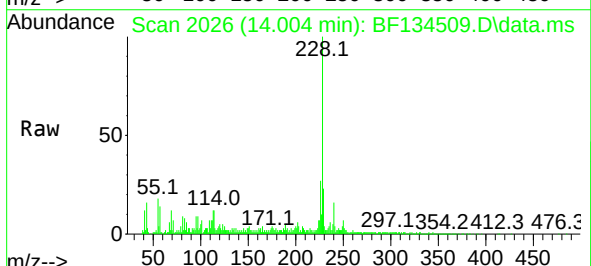
Manual Integrations
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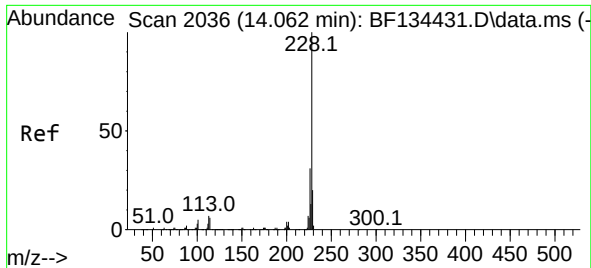
Reviewed By :Yogesh Patel 07/28/2023
 Supervised By :mohammad ahmed 07/28/2023



#81
 Benzo(a)anthracene
 Concen: 7.183 ng
 RT: 14.004 min Scan# 2026
 Delta R.T. -0.006 min
 Lab File: BF134509.D
 Acq: 27 Jul 2023 17:06

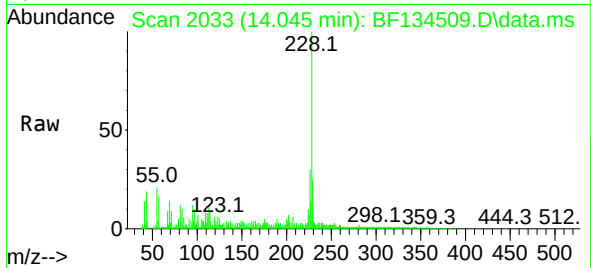
Tgt Ion:228 Resp: 105257
 Ion Ratio Lower Upper
 228 100
 226 27.4 22.3 33.5
 229 23.1 15.8 23.6





#83
Chrysene
Concen: 6.931 ng m
RT: 14.045 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF134509.D
Acq: 27 Jul 2023 17:06

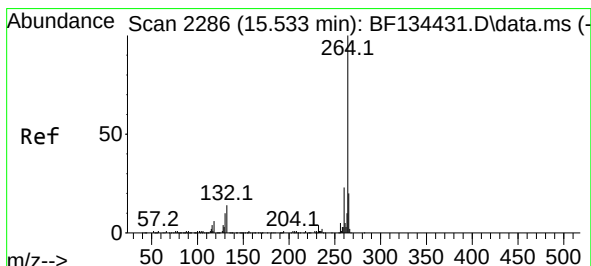
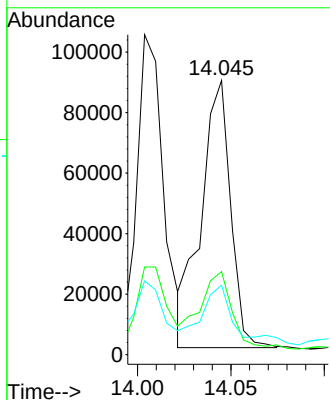
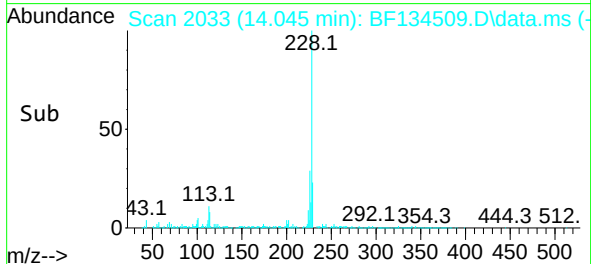
Instrument :
BNA_F
ClientSampleId :
SU-04-072423



Tgt Ion:228 Resp: 97150
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 25.3 15.8 23.8

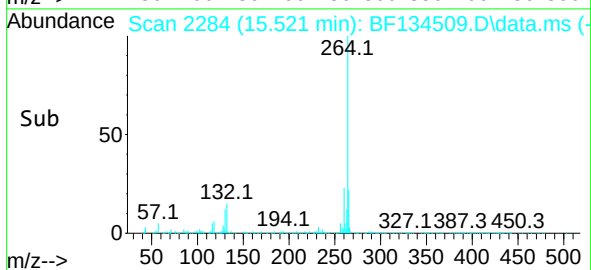
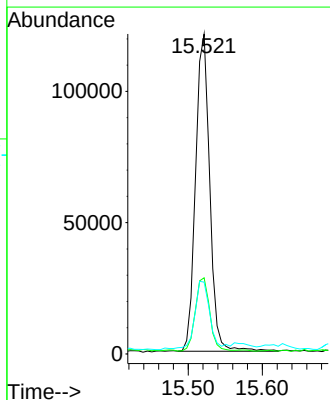
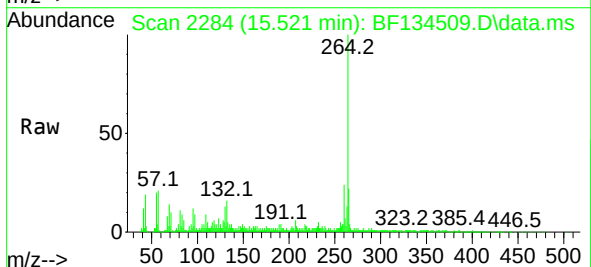
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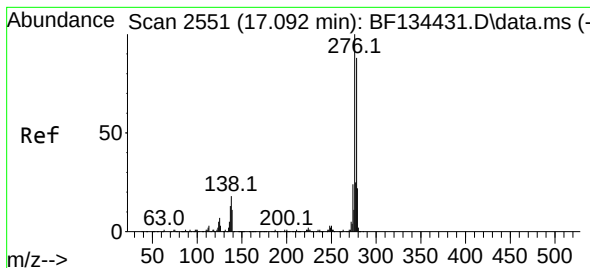
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF134509.D
Acq: 27 Jul 2023 17:06

Tgt Ion:264 Resp: 160719
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.5 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.191 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134509.D

Acq: 27 Jul 2023 17:06

Instrument :

BNA_F

ClientSampleId :

SU-04-072423

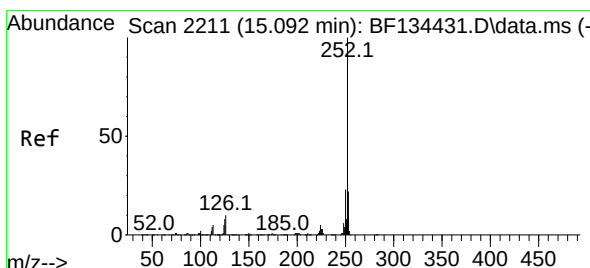
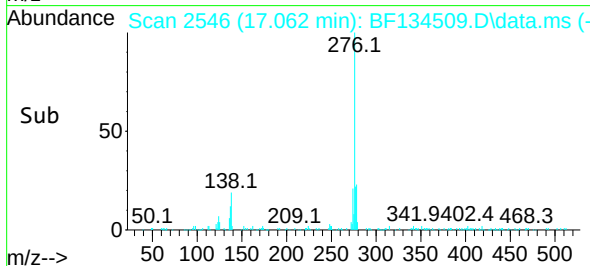
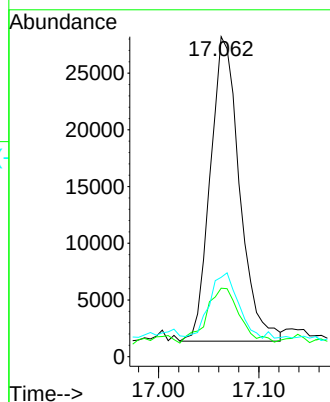
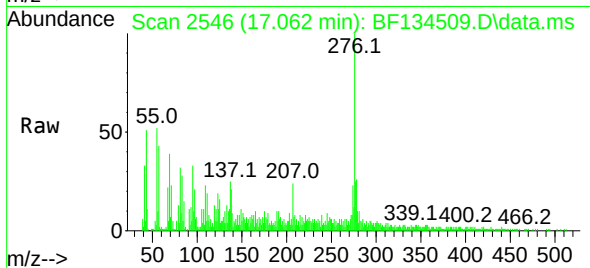
Tgt Ion:276 Resp: 54504
 Ion Ratio Lower Upper
 276 100
 138 20.6 14.2 21.4
 277 21.3 19.9 29.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/28/2023

Supervised By :mohammad ahmed 07/28/2023



#88

Benzo(b)fluoranthene

Concen: 12.400 ng m

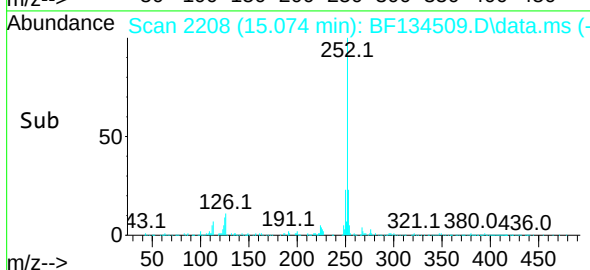
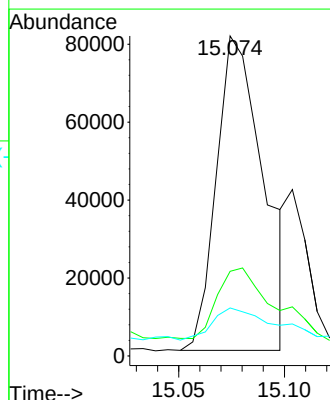
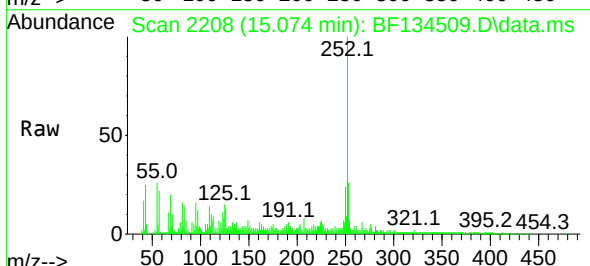
RT: 15.074 min Scan# 2208

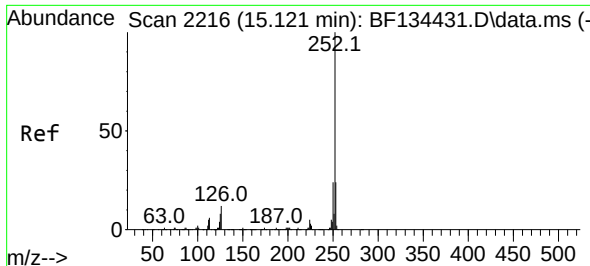
Delta R.T. 0.000 min

Lab File: BF134509.D

Acq: 27 Jul 2023 17:06

Tgt Ion:252 Resp: 124680
 Ion Ratio Lower Upper
 252 100
 253 26.4 17.3 25.9#
 125 15.0 6.0 9.0#





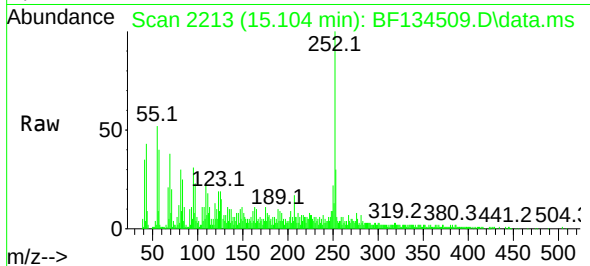
#89
Benzo(k)fluoranthene
Concen: 2.987 ng m
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134509.D
Acq: 27 Jul 2023 17:06

Instrument :

BNF

ClientSampleId :

SU-04-072423



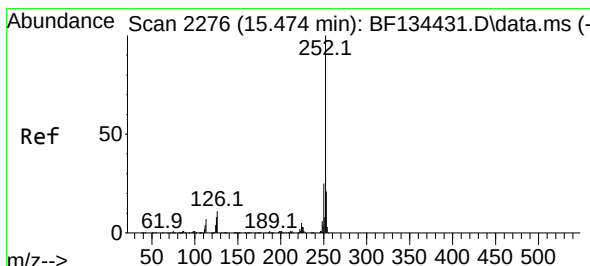
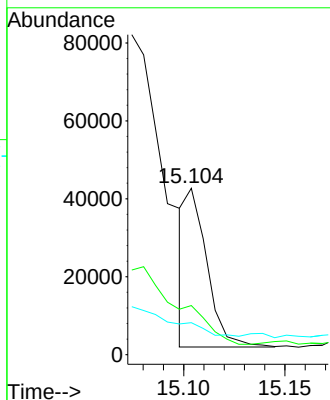
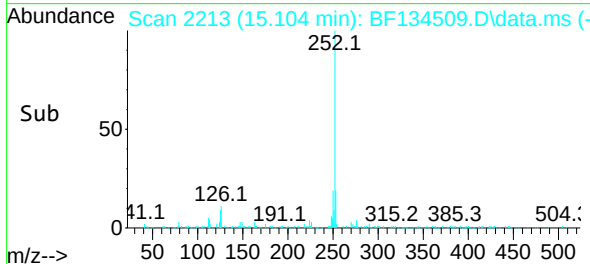
Tgt Ion:252 Resp: 29538
Ion Ratio Lower Upper
252 100
253 29.6 17.9 26.9#
125 19.3 6.3 9.5#

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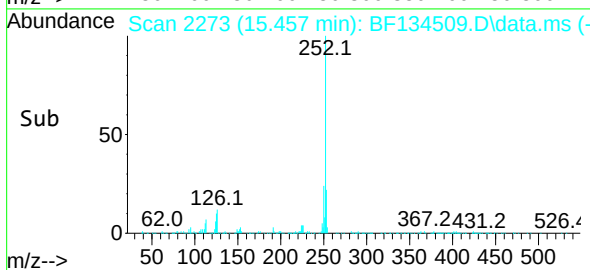
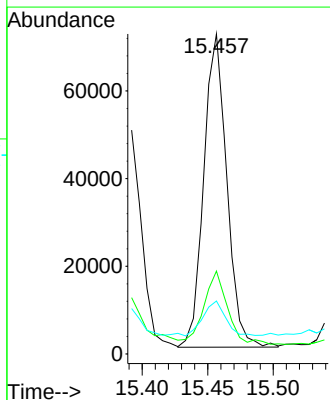
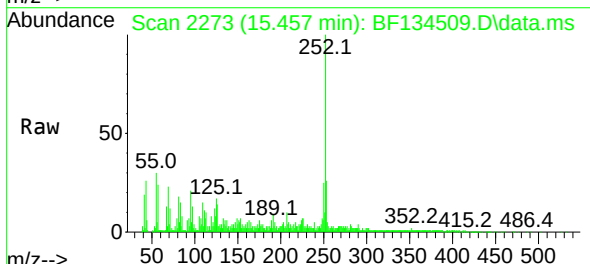
Reviewed By :Yogesh Patel 07/28/2023

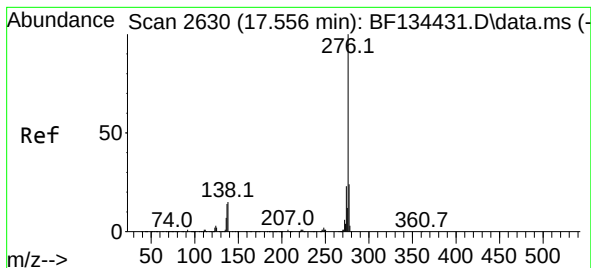
Supervised By :mohammad ahmed 07/28/2023



#90
Benzo(a)pyrene
Concen: 9.417 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BF134509.D
Acq: 27 Jul 2023 17:06

Tgt Ion:252 Resp: 87522
Ion Ratio Lower Upper
252 100
253 25.9 17.0 25.4#
125 16.6 6.2 9.4#





#92

Benzo(g,h,i)perylene

Concen: 6.587 ng

RT: 17.533 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF134509.D

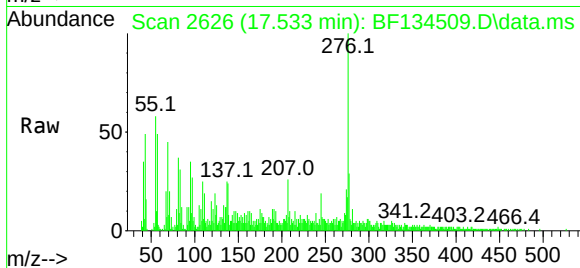
Acq: 27 Jul 2023 17:06

Instrument :

BNA_F

ClientSampleId :

SU-04-072423



Tgt Ion: 276 Resp: 5735

Ion Ratio Lower Upper

276 100

277 29.0 19.0 28.6

138 24.1 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/28/2023

Supervised By :mohammad ahmed 07/28/2023

