

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136387.D
 Acq On : 04 Dec 2023 17:59
 Operator : CG\JU
 Sample : 05434-05RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3RE

Quant Time: Dec 05 00:35:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	110976	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	420417	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	185410	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	301420	20.000	ng	0.00
76) Chrysene-d12	13.980	240	255770	20.000	ng	0.00
86) Perylene-d12	15.462	264	210396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	607657	76.212	ng	0.00
7) Phenol-d6	6.440	99	727971	73.020	ng	0.00
23) Nitrobenzene-d5	7.363	82	428385	53.845	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	158486	69.916	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	821554	56.598	ng	0.00
79) Terphenyl-d14	12.921	244	800621	36.107	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.545	202	59442	3.456	ng	93
78) Pyrene	12.774	202	59708	2.132	ng	96
87) Indeno(1,2,3-cd)pyrene	16.962	276	11401	3.364	ng	# 91
88) Benzo(b)fluoranthene	15.027	252	32115m	2.176	ng	
91) Dibenzo(a,h)anthracene	16.980	278	2861	2.927	ng	# 43
92) Benzo(g,h,i)perylene	17.415	276	11858	2.800	ng	# 87

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

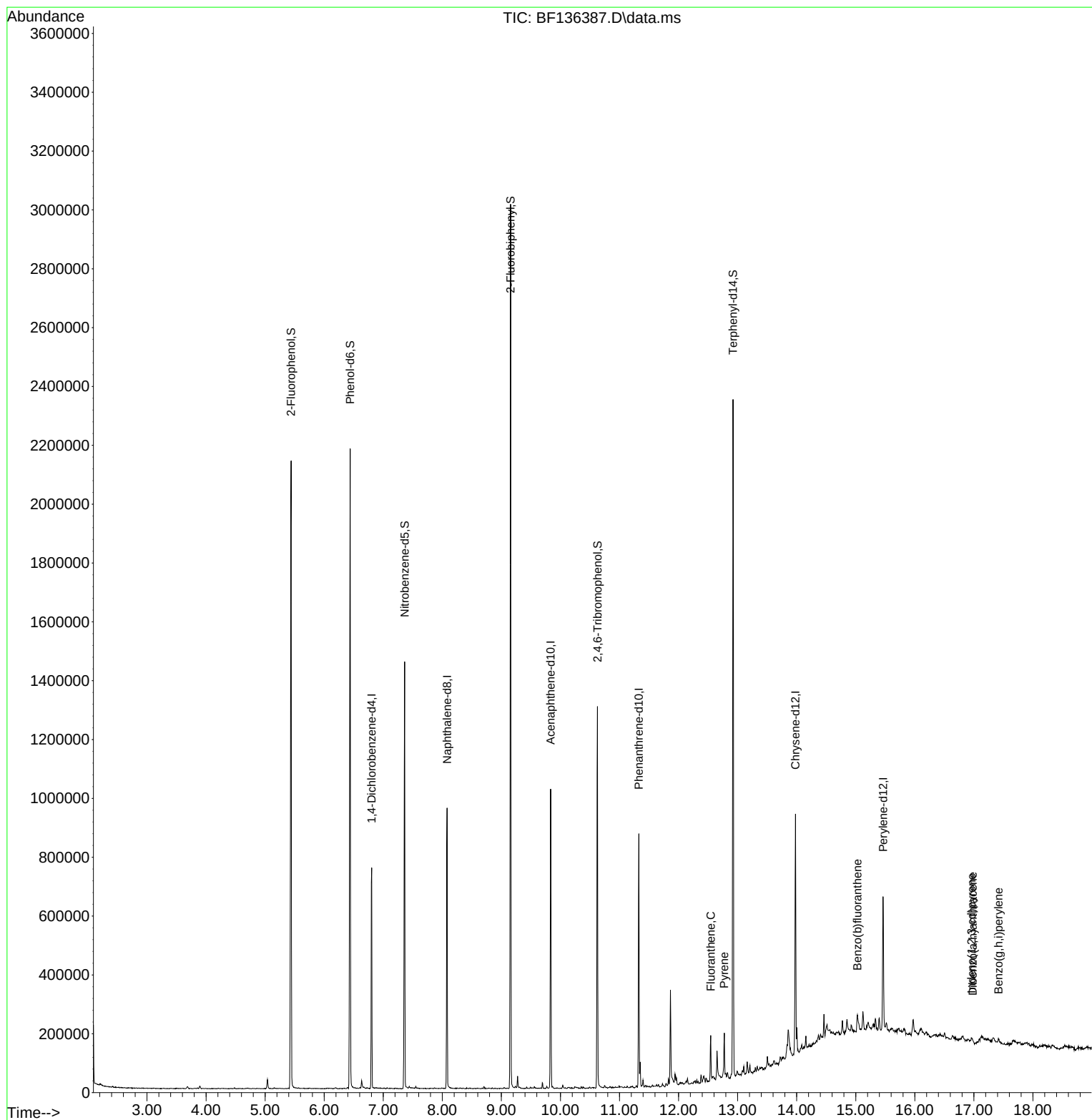
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
Data File : BF136387.D
Acq On : 04 Dec 2023 17:59
Operator : CG\JU
Sample : 05434-05RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

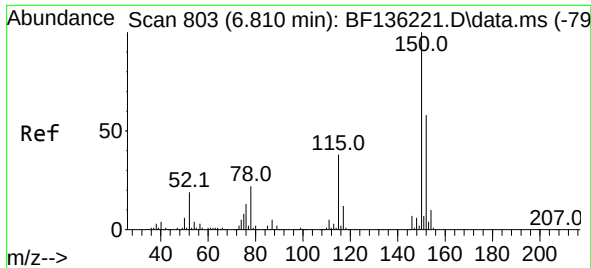
Instrument :
BNA_F
ClientSampleId :
COMP-3RE

Quant Time: Dec 05 00:35:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
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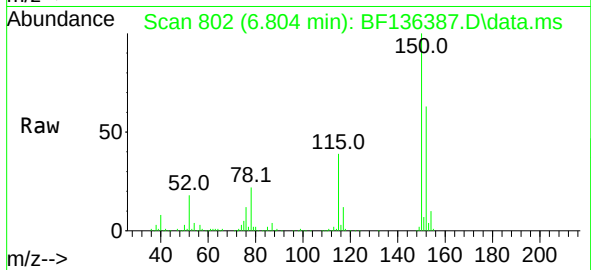
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59

Instrument :

BNA_F

ClientSampleId :

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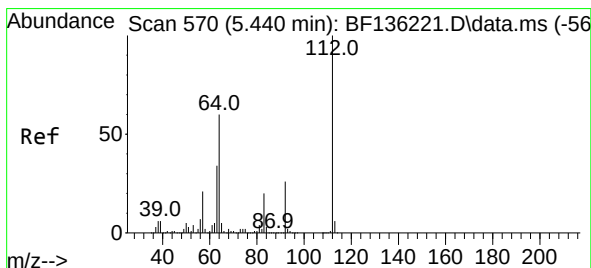
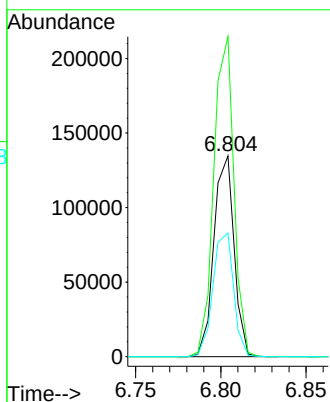
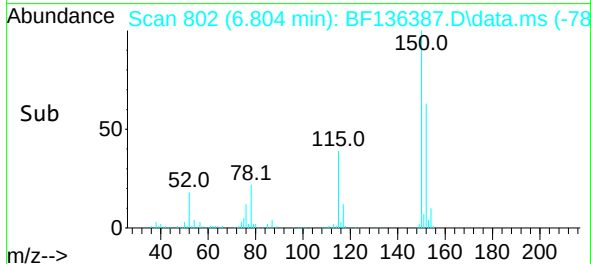


Tgt Ion:152 Resp: 110970
Ion Ratio Lower Upper
152 100
150 159.4 137.8 206.8
115 61.7 52.7 79.1

Manual Integrations

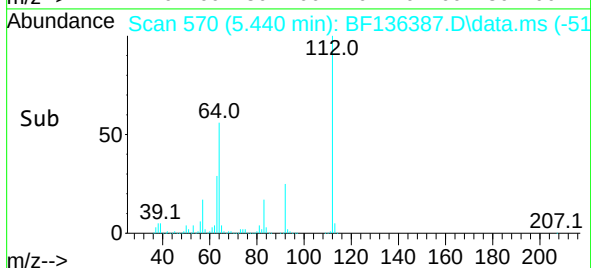
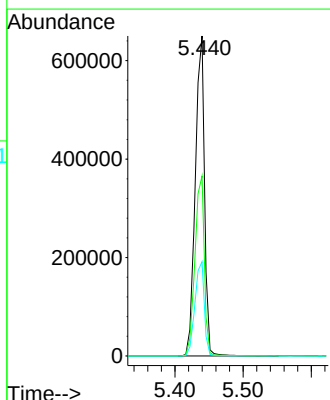
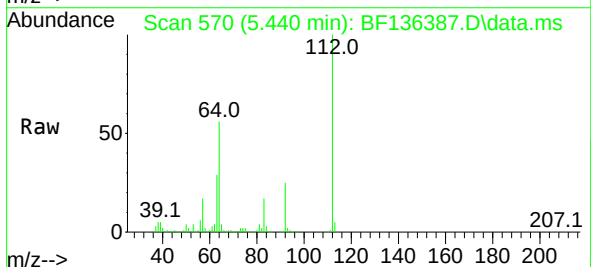
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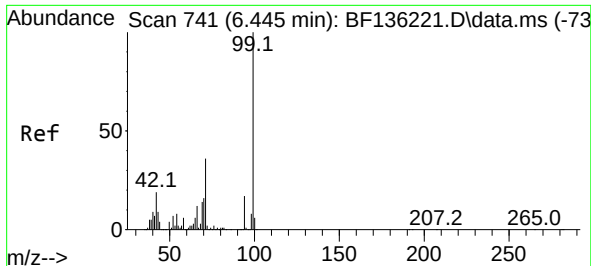
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#5
2-Fluorophenol
Concen: 76.212 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59

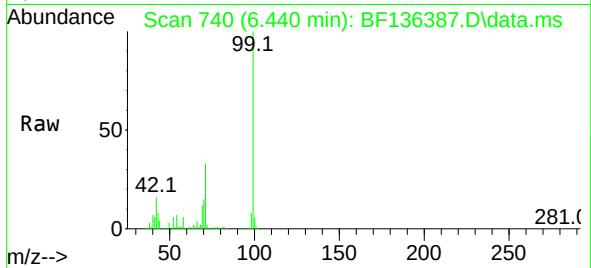
Tgt Ion:112 Resp: 607657
Ion Ratio Lower Upper
112 100
64 56.3 48.2 72.4
63 29.5 27.0 40.6





#7
Phenol-d6
Concen: 73.020 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59

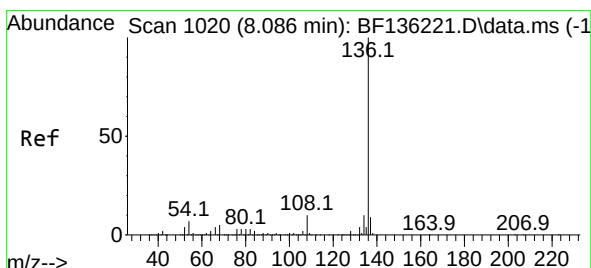
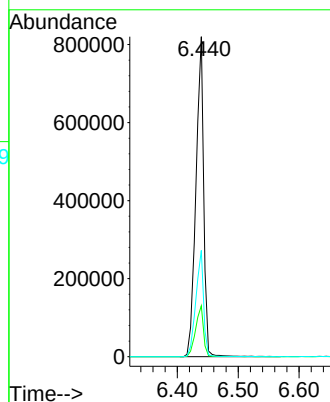
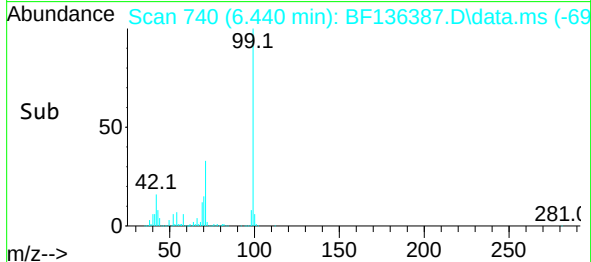
Instrument :
BNA_F
ClientSampleId :
COMP-3RE



Tgt Ion: 99 Resp: 72797
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.6
71 33.2 28.9 43.3

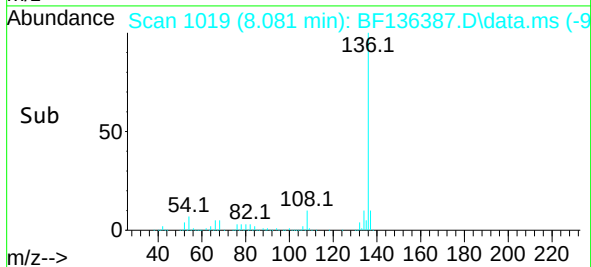
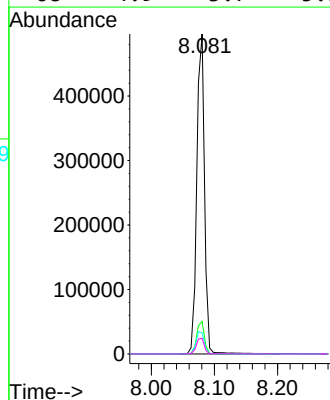
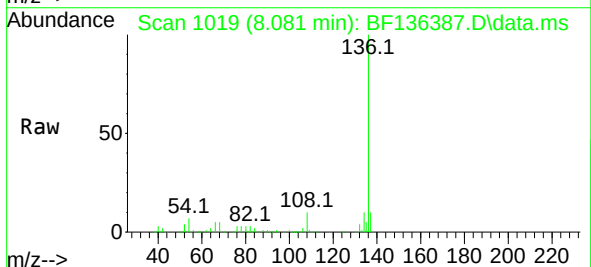
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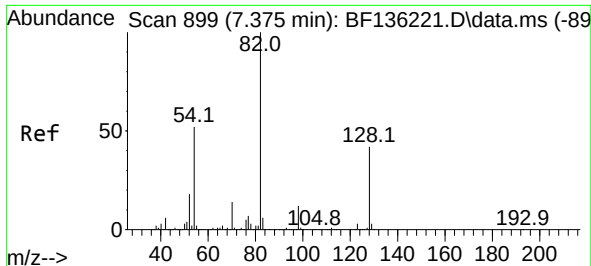
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59

Tgt Ion:136 Resp: 420417
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.2
54 6.6 5.5 8.3
68 4.9 3.7 5.5





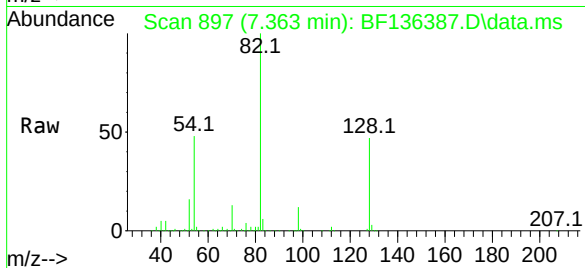
#23
Nitrobenzene-d5
Concen: 53.845 ng
RT: 7.363 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59

Instrument :

BNA_F

ClientSampleId :

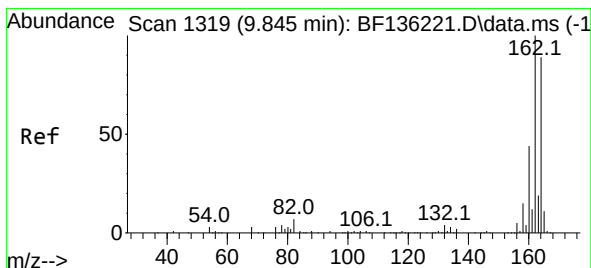
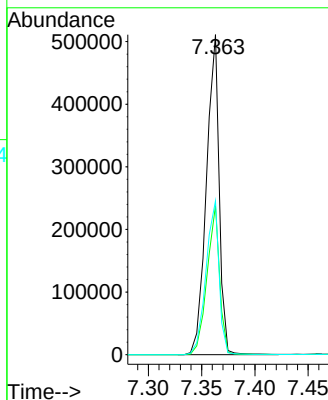
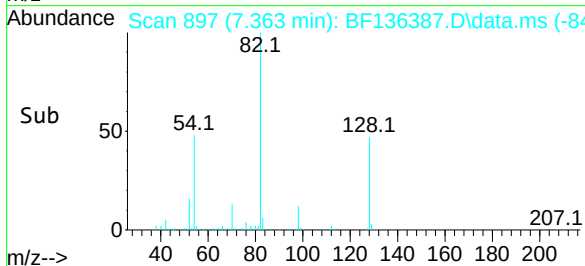
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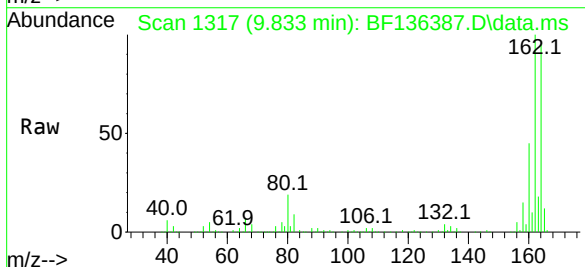
Tgt Ion: 82 Resp: 428385
Ion Ratio Lower Upper
82 100
128 46.6 33.4 50.2
54 48.0 41.7 62.5

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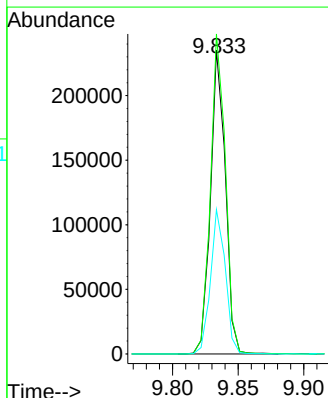
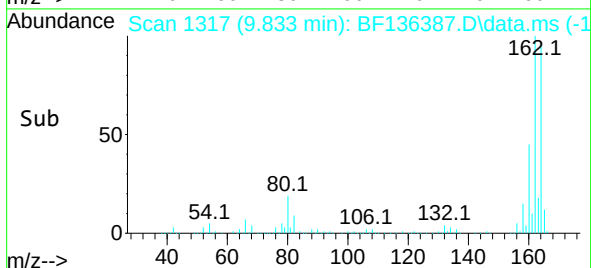
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Supervised By :mohammad ahmed 12/05/2023

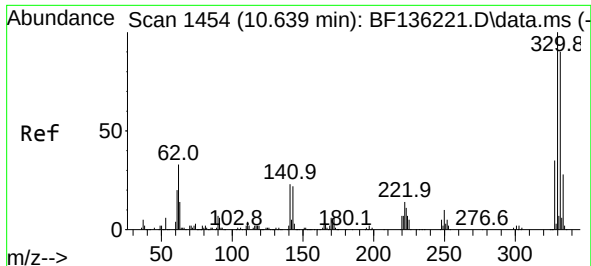


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59



Tgt Ion:164 Resp: 185410
Ion Ratio Lower Upper
164 100
162 105.4 89.5 134.3
160 47.5 39.6 59.4





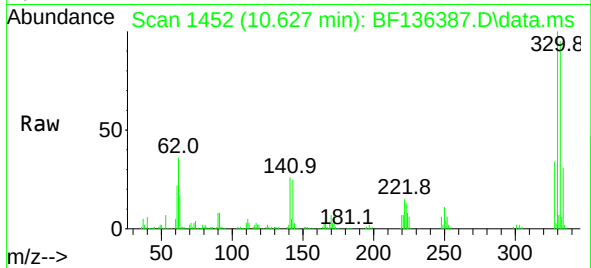
#42
2,4,6-Tribromophenol
Concen: 69.916 ng
RT: 10.627 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59

Instrument :

BNA_F

ClientSampleId :

COMP-3RE

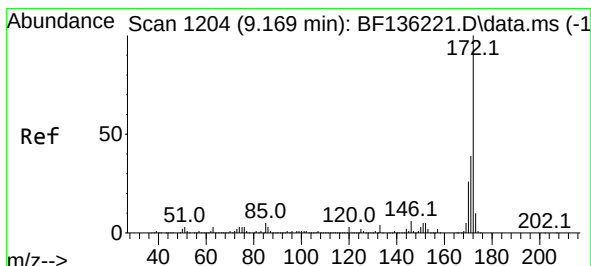
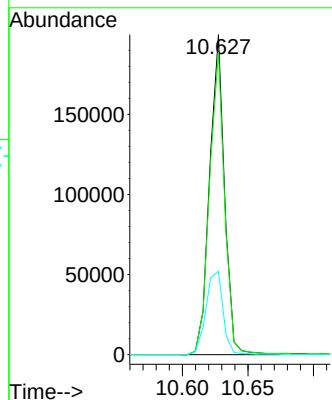
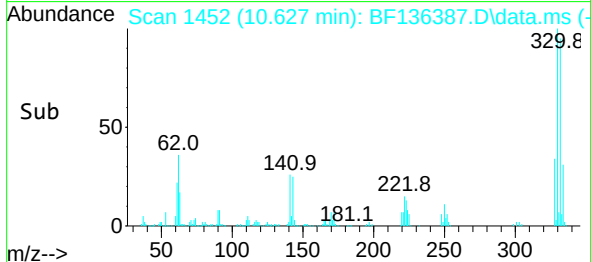


Tgt Ion:330 Resp: 158480
Ion Ratio Lower Upper
330 100
332 95.5 73.0 109.6
141 30.2 24.2 36.2

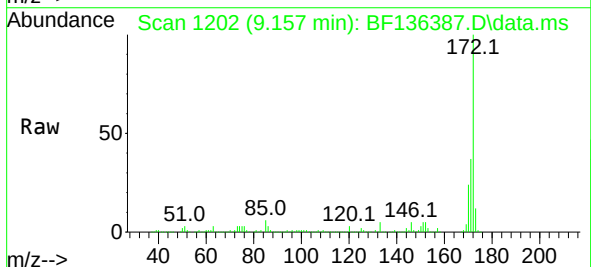
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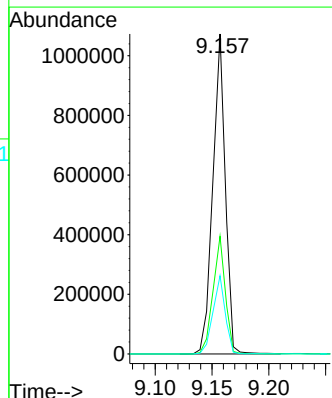
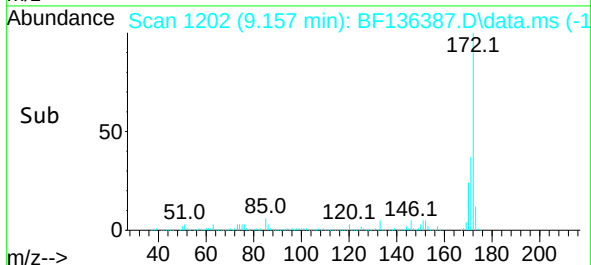
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Supervised By :mohammad ahmed 12/05/2023

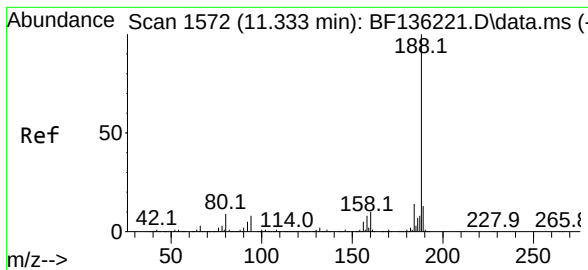


#45
2-Fluorobiphenyl
Concen: 56.598 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59



Tgt Ion:172 Resp: 821554
Ion Ratio Lower Upper
172 100
171 36.8 31.5 47.3
170 24.5 20.8 31.2





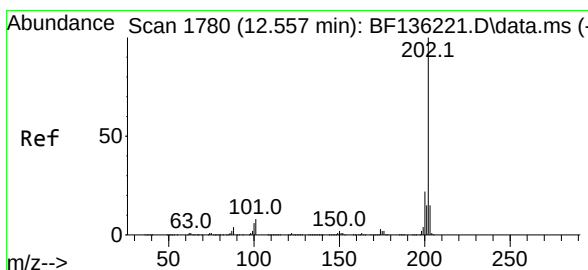
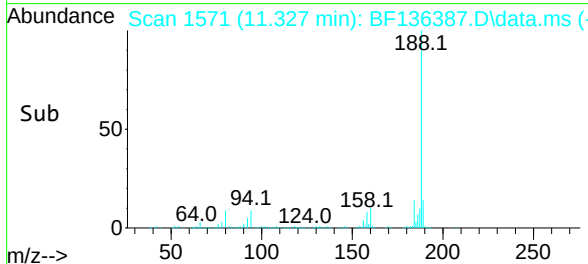
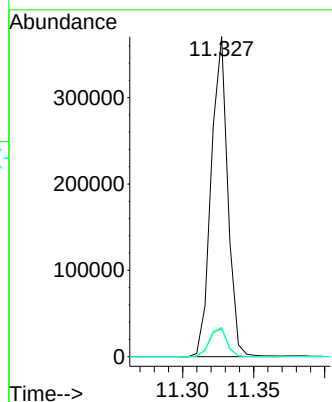
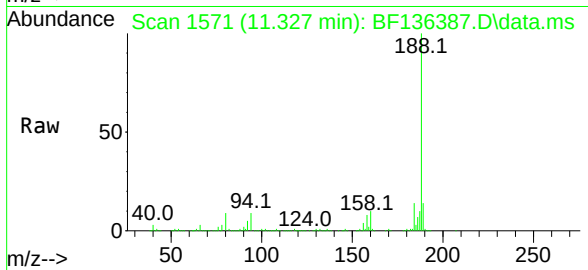
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11327
Delta R.T. 0.000 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59

Instrument :
BNA_F
ClientSampleId :
COMP-3RE

Tgt Ion:188 Resp: 301420
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.1 7.2 10.8

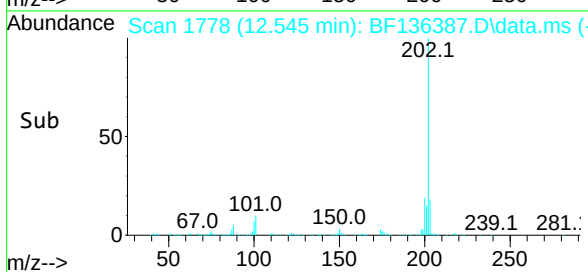
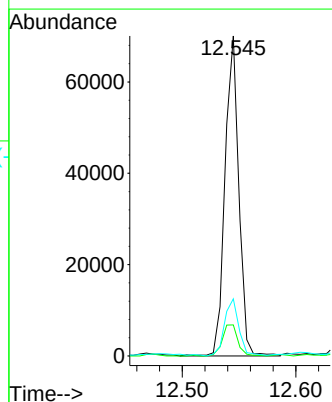
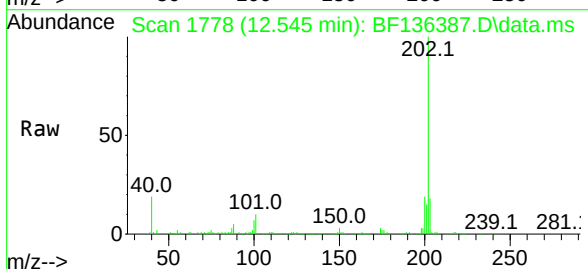
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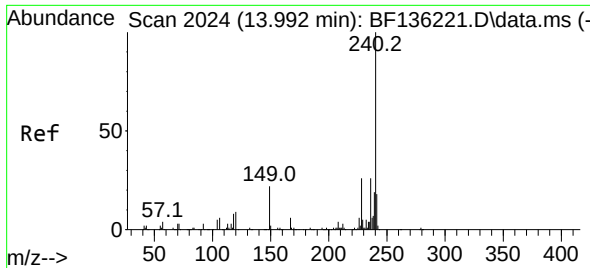
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#75
Fluoranthene
Concen: 3.456 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59

Tgt Ion:202 Resp: 59442
Ion Ratio Lower Upper
202 100
101 9.7 0.0 27.8
203 17.9 0.0 34.5





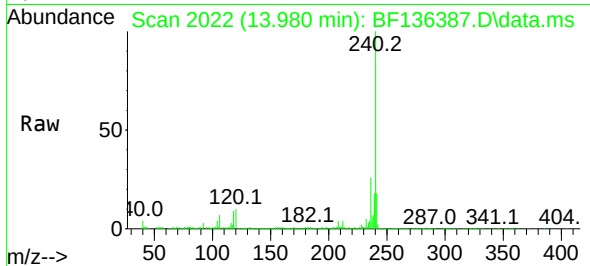
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59

Instrument :

BNA_F

ClientSampleId :

COMP-3RE

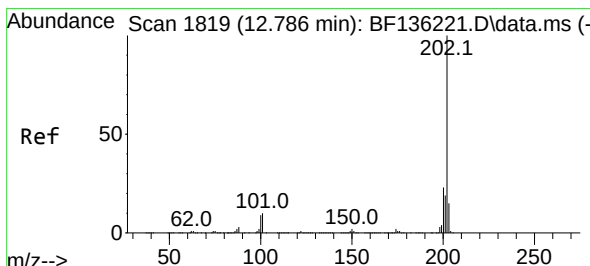
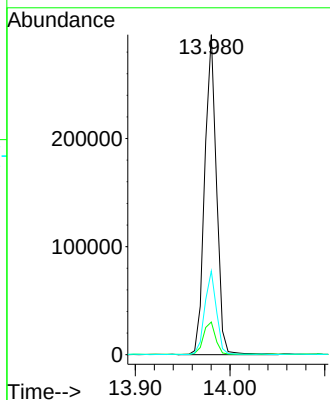
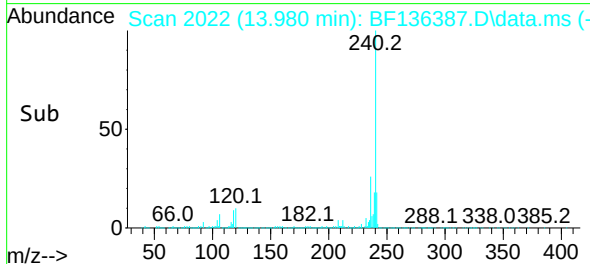


Tgt Ion:240 Resp: 255770
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.2
236 26.1 21.1 31.7

Manual Integrations

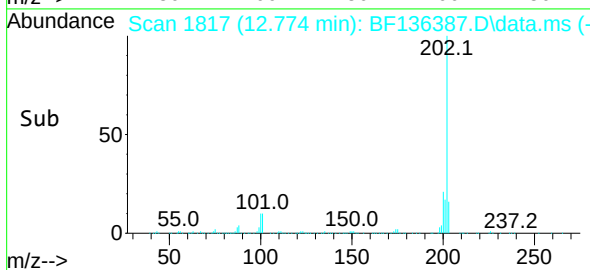
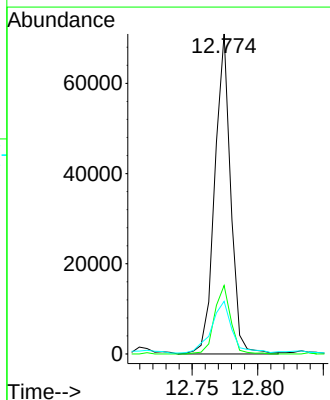
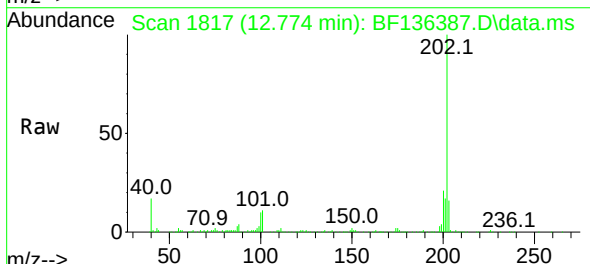
APPROVED

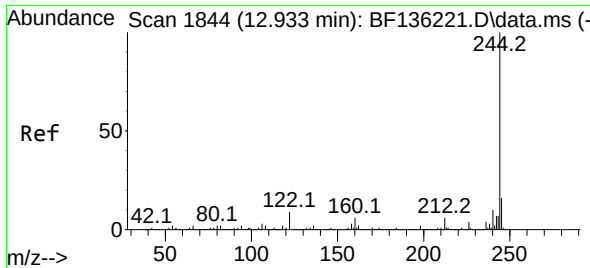
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#78
Pyrene
Concen: 2.132 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59

Tgt Ion:202 Resp: 59708
Ion Ratio Lower Upper
202 100
200 21.4 18.4 27.6
203 16.4 11.8 17.6





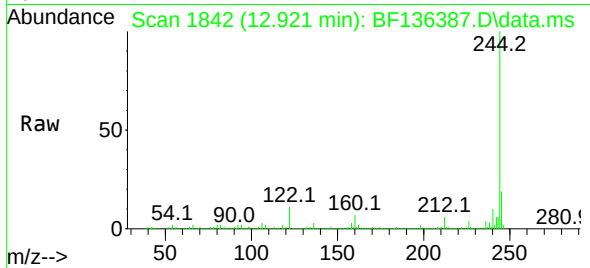
#79
 Terphenyl-d14
 Concen: 36.107 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF136387.D
 Acq: 04 Dec 2023 17:59

Instrument :

BNA_F

ClientSampleId :

COMP-3RE

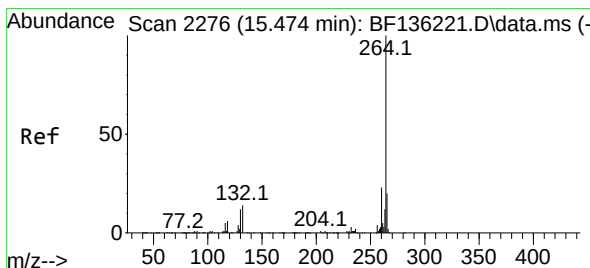
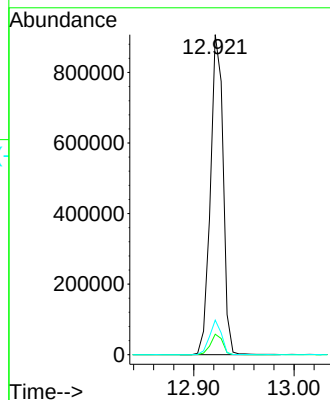
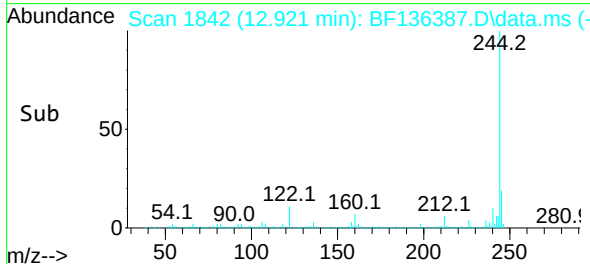


Tgt Ion:244 Resp: 80062
 Ion Ratio Lower Upper
 244 100
 212 6.4 4.6 7.0
 122 10.8 7.3 10.9

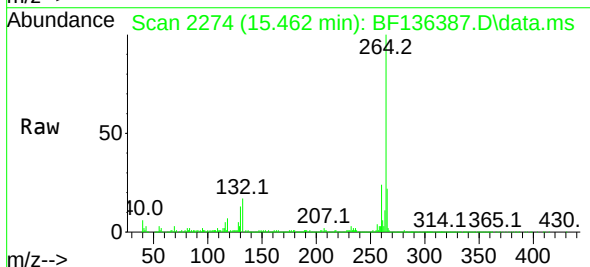
Manual Integrations

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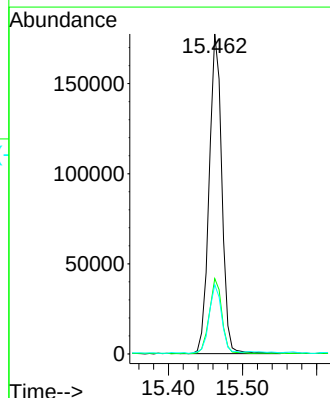
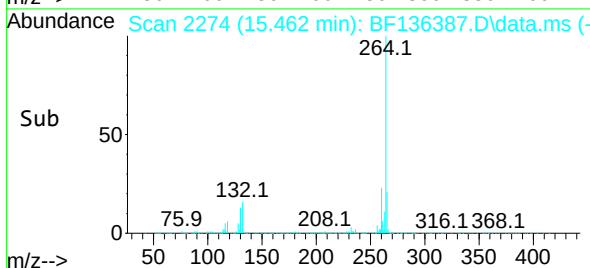
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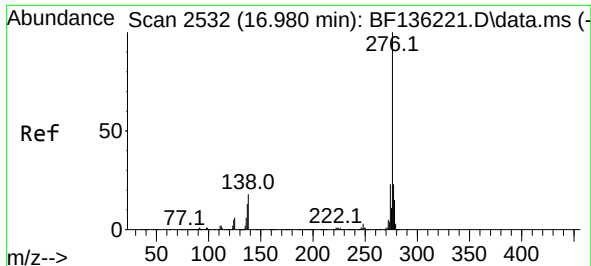


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. 0.006 min
 Lab File: BF136387.D
 Acq: 04 Dec 2023 17:59



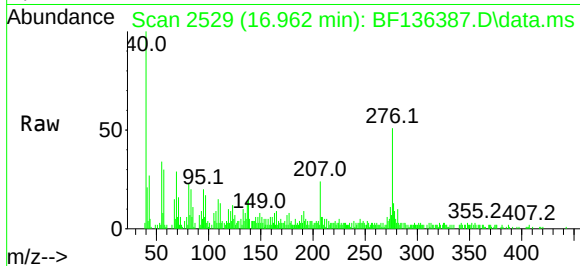
Tgt Ion:264 Resp: 210396
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.7 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.364 ng
RT: 16.962 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59

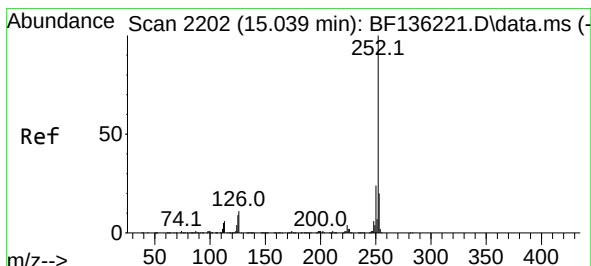
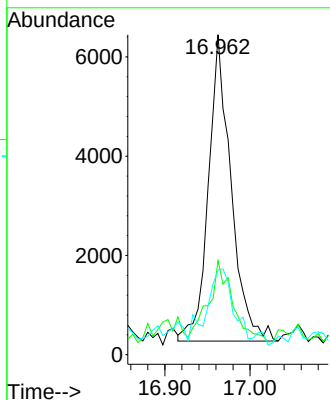
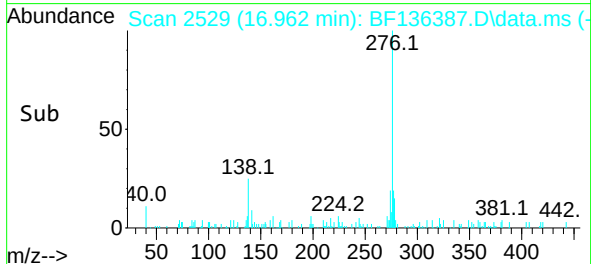
Instrument :
BNA_F
ClientSampleId :
COMP-3RE



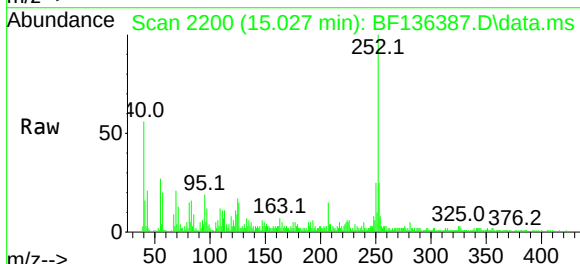
Tgt Ion: 276 Resp: 1140
Ion Ratio Lower Upper
276 100
138 28.8 17.7 26.5
277 27.0 19.6 29.4

Manual Integrations
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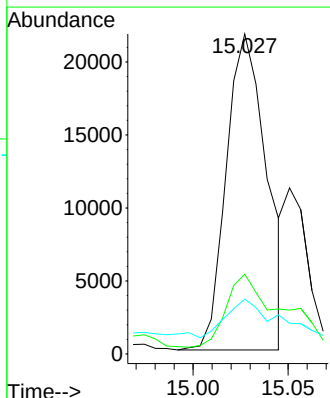
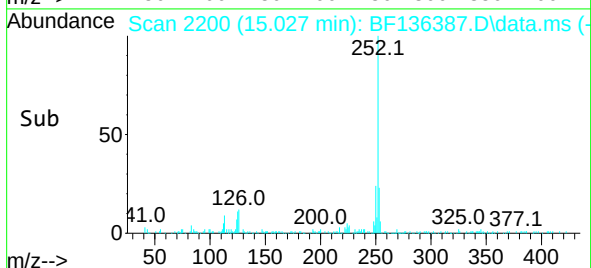
Reviewed By : Yogesh Patel 12/05/2023
Supervised By : mohammad ahmed 12/05/2023

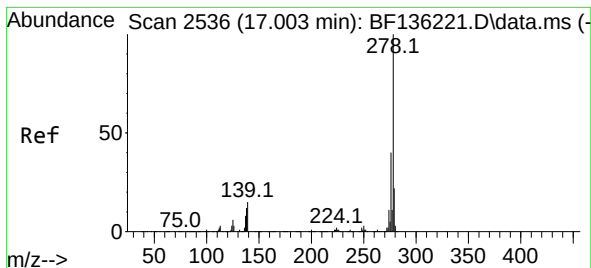


#88
Benzo(b)fluoranthene
Concen: 2.176 ng m
RT: 15.027 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59



Tgt Ion: 252 Resp: 32115
Ion Ratio Lower Upper
252 100
253 24.9 16.2 24.2#
125 17.2 6.9 10.3#





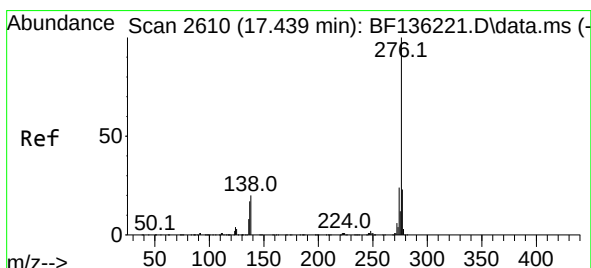
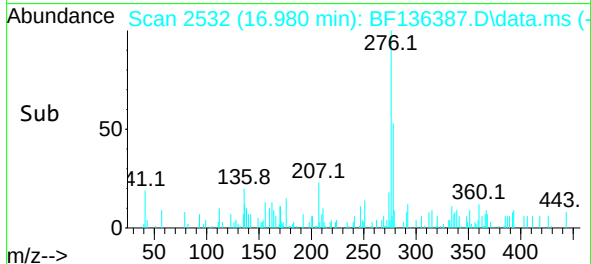
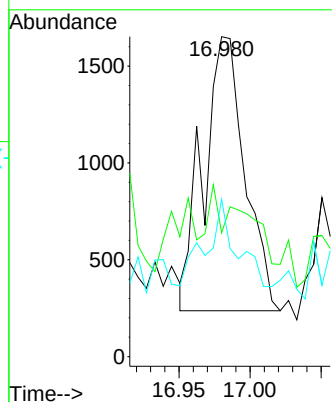
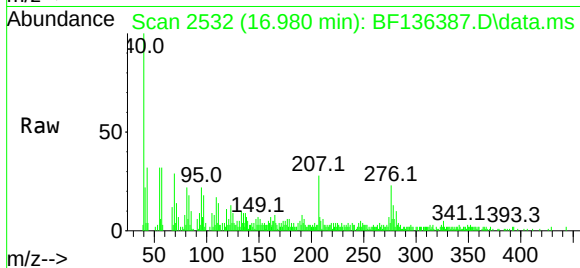
#91
Dibenzo(a,h)anthracene
Concen: 2.927 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59

Instrument :
BNA_F
ClientSampleId :
COMP-3RE

Tgt Ion:278 Resp: 286
Ion Ratio Lower Upper
278 100
139 38.7 11.7 17.5
279 49.2 17.8 26.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#92
Benzo(g,h,i)perylene
Concen: 2.800 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF136387.D
Acq: 04 Dec 2023 17:59

Tgt Ion:276 Resp: 11858
Ion Ratio Lower Upper
276 100
277 23.9 18.6 27.8
138 31.6 15.8 23.8

